

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120831.D
 Acq On : 10 Jul 2020 15:03
 Operator : JU/CG
 Sample : PB130117BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Manual Integrations
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mohammad
 7/13/2020 1:04:41 PM

Quant Time: Jul 10 15:28:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153717	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	574928	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	280466	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	485579	20.00	ng	0.00
76) Chrysene-d12	14.01	240	328635	20.00	ng	0.00
86) Perylene-d12	15.47	264	277222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1371399	137.72	ng	0.01
7) Phenol-d6	6.48	99	1675897	131.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1077388	108.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	423464	150.29	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1779578	96.00	ng	0.00
79) Terphenyl-d14	12.96	244	1771858	105.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	186587	41.019	ng	100
3) Pyridine	3.39	79	514246	41.273	ng	99
4) n-Nitrosodimethylamine	3.35	42	276453	44.352	ng	# 98
6) Aniline	6.51	93	633755	38.805	ng	99
8) 2-Chlorophenol	6.63	128	486937	45.929	ng	97
9) Benzaldehyde	6.39	77	155685	20.584	ng	97
10) Phenol	6.49	94	585938m	44.790	ng	
11) bis(2-Chloroethyl)ether	6.59	93	479653	45.058	ng	97
12) 1,3-Dichlorobenzene	6.79	146	523915	44.896	ng	98
13) 1,4-Dichlorobenzene	6.87	146	523681	44.805	ng	99
14) 1,2-Dichlorobenzene	7.02	146	490463	44.106	ng	99
15) Benzyl Alcohol	6.99	79	404359	42.320	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	705822	42.509	ng	99
17) 2-Methylphenol	7.10	107	395635	41.714	ng	98
18) Hexachloroethane	7.36	117	203199	46.255	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	329984	43.096	ng	97
20) 3+4-Methylphenols	7.25	107	470564	40.283	ng	96
22) Acetophenone	7.26	105	639630	44.759	ng	# 91
24) Nitrobenzene	7.43	77	516746	46.379	ng	96
25) Isophorone	7.67	82	919676	42.975	ng	97
26) 2-Nitrophenol	7.75	139	231961	49.396	ng	96
27) 2,4-Dimethylphenol	7.78	122	402995	47.174	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	584922	46.182	ng	99
29) 2,4-Dichlorophenol	7.99	162	388573	45.563	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	440532	45.990	ng	98
31) Naphthalene	8.16	128	1366746	44.482	ng	100
32) Benzoic acid	7.90	122	257724	43.135	ng	94
33) 4-Chloroaniline	8.20	127	307764	23.605	ng	97
34) Hexachlorobutadiene	8.27	225	256507	44.525	ng	99
35) Caprolactam	8.57	113	108509m	43.666	ng	
36) 4-Chloro-3-methylphenol	8.68	107	400305	45.124	ng	92
37) 2-Methylnaphthalene	8.85	142	897759	44.947	ng	99
38) 1-Methylnaphthalene	8.95	142	854274	45.660	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	381466	45.003	ng	99

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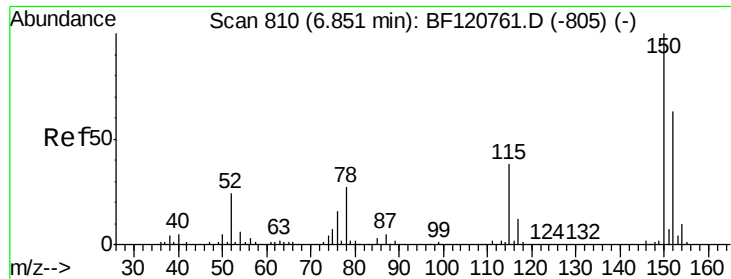
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	484015	96.646	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	268934	46.561	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	285377	44.521	nq	97
46) 1,1'-Biphenyl	9.31	154	1044059	46.150	nq	99
47) 2-Chloronaphthalene	9.33	162	825480	45.546	nq	99
48) 2-Nitroaniline	9.43	65	253291	46.746	nq	96
49) Acenaphthylene	9.75	152	1274879	44.866	nq	100
50) Dimethylphthalate	9.61	163	918526	44.895	nq	99
51) 2,6-Dinitrotoluene	9.67	165	197740	48.601	nq	90
52) Acenaphthene	9.92	154	860882	48.836	nq	98
53) 3-Nitroaniline	9.83	138	137400	28.473	nq	98
54) 2,4-Dinitrophenol	9.94	184	160305	97.802	nq	95
55) Dibenzofuran	10.09	168	1154332	45.428	nq	99
56) 4-Nitrophenol	9.99	139	343340	91.205	nq	98
57) 2,4-Dinitrotoluene	10.07	165	264268	51.909	nq	93
58) Fluorene	10.43	166	855197	45.217	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	231836m	48.603	nq	
60) Diethylphthalate	10.31	149	935597	43.898	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	410753	43.201	nq	98
62) 4-Nitroaniline	10.45	138	210323	48.383	nq	95
63) Azobenzene	10.59	77	961236	44.089	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	107102	51.801	nq	95
66) n-Nitrosodiphenylamine	10.55	169	780250	47.940	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	257339	45.686	nq	95
68) Hexachlorobenzene	10.98	284	286136	48.410	nq	96
69) Atrazine	11.07	200	213978	51.033	nq	99
70) Pentachlorophenol	11.17	266	324241	96.958	nq	99
71) Phenanthrene	11.40	178	1195503	45.375	nq	100
72) Anthracene	11.45	178	1234951	46.385	nq	100
73) Carbazole	11.60	167	1122366	43.869	nq	100
74) Di-n-butylphthalate	11.93	149	1374783	43.402	nq	99
75) Fluoranthene	12.58	202	1252255	44.617	nq	99
77) Benzidine	12.70	184	544476	58.697	nq	98
78) Pyrene	12.81	202	1258701	47.957	nq	99
80) Butylbenzylphthalate	13.43	149	508214	44.849	nq	98
81) Benzo(a)anthracene	14.00	228	970710	46.079	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	227464	31.996	nq	97
83) Chrysene	14.04	228	1005589	46.798	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	654702	44.059	nq	99
85) Di-n-octyl phthalate	14.61	149	1120005	42.605	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	912969	51.344	nq	99
88) Benzo(b)fluoranthene	15.04	252	861022	47.243	nq	99
89) Benzo(k)fluoranthene	15.07	252	895738	50.509	nq	99
90) Benzo(a)pyrene	15.41	252	777443	47.819	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	776999	52.428	nq	99
92) Benzo(g,h,i)perylene	17.36	276	715682	52.838	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

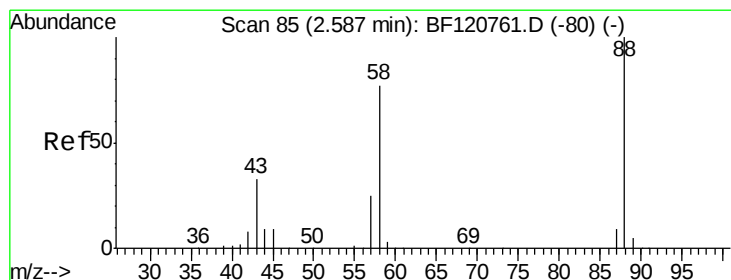
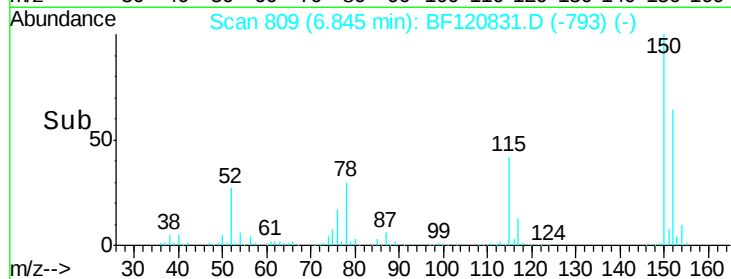
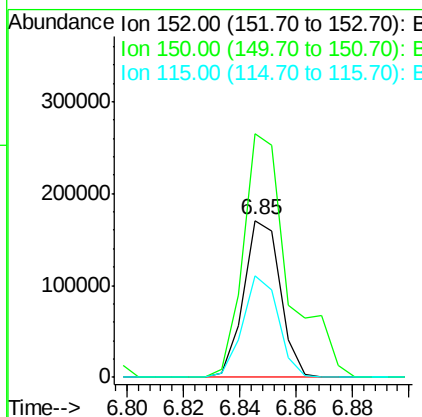
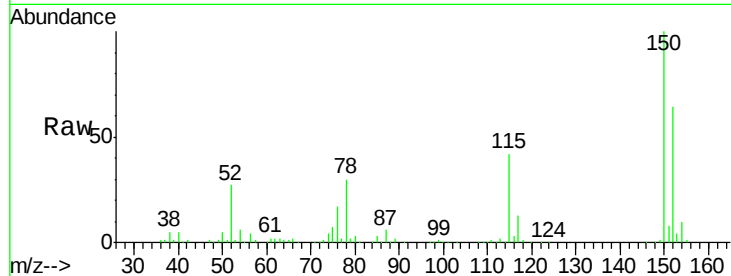
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	64.5	48.5	72.7

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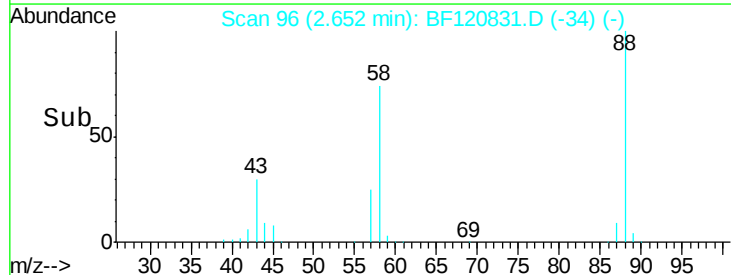
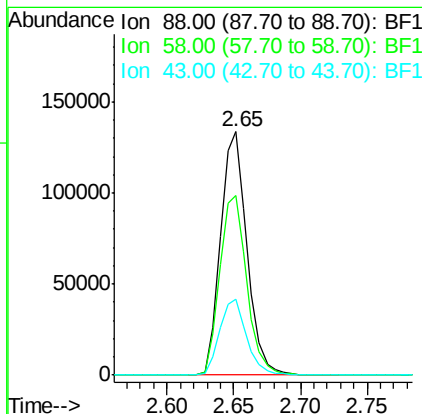
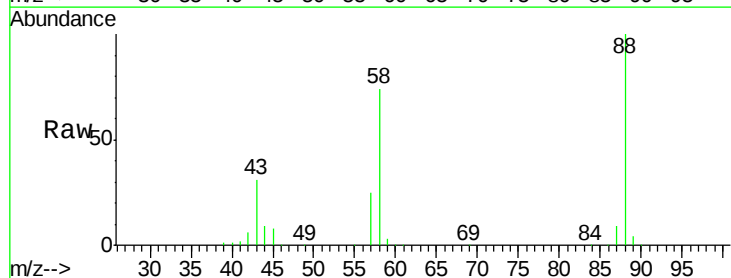
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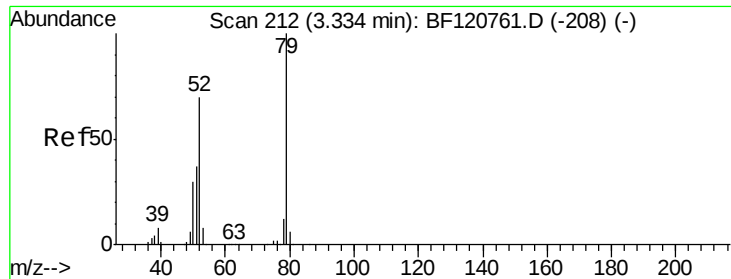


#2

1,4-Dioxane
Concen: 41.019 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.06 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	60.4	90.6
43	32.9	26.3	39.5





#3

Pvridine

Concen: 41.273 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

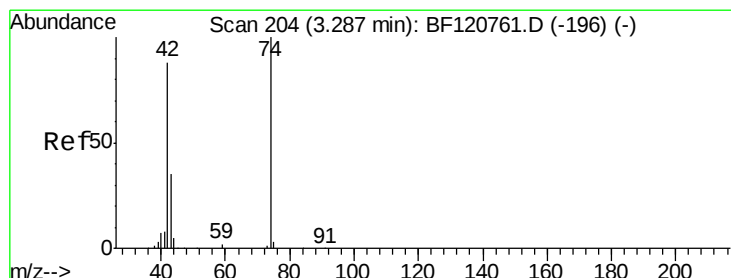
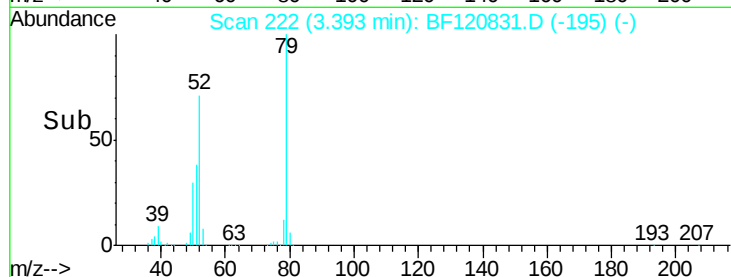
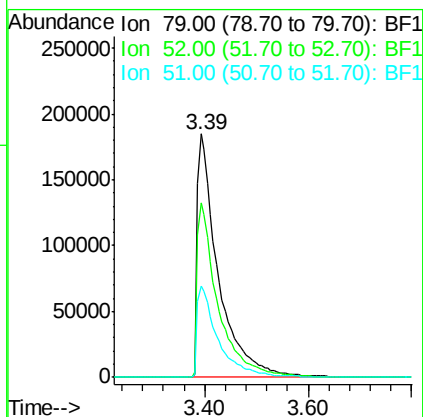
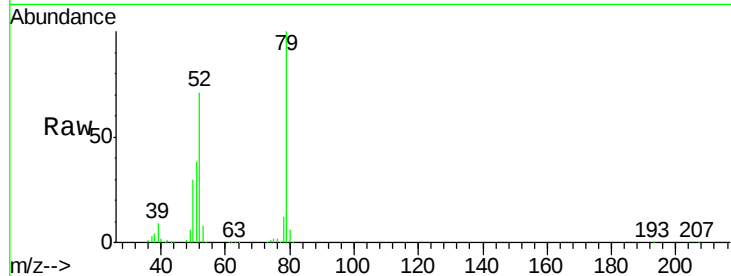
ClientSampleId :

PB130117BS

Tot Ion:	79	Resp:	514246
Ion Ratio	Lower	Upper	
79	100		
52	71.4	56.3	84.5
51	37.5	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 44.352 ng

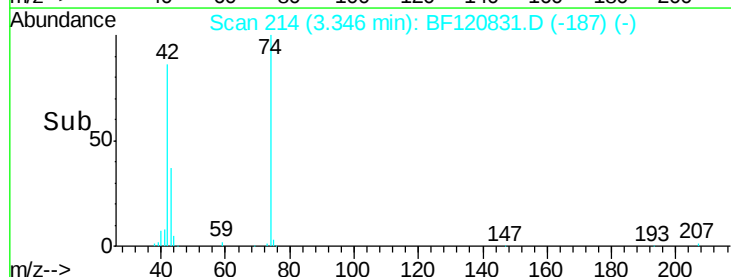
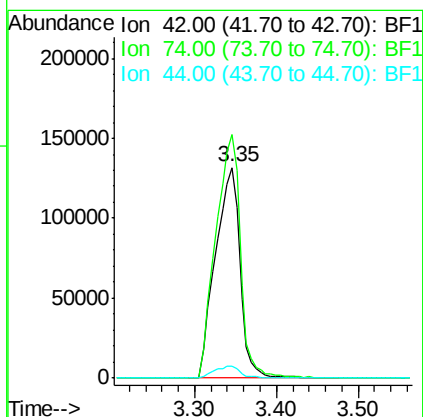
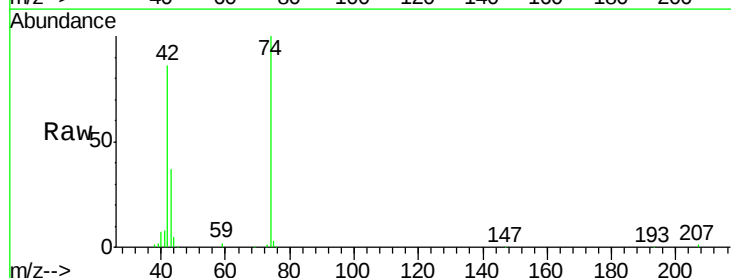
RT: 3.35 min Scan# 214

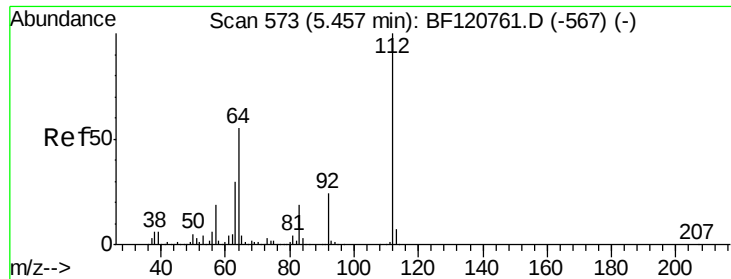
Delta R.T. 0.06 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:	42	Resp:	276453
Ion Ratio	Lower	Upper	
42	100		
74	115.6	90.8	136.2
44	5.7	5.8	8.8#





#5

2-Fluorophenol

Concen: 137.718 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:112 Resp: 1371399

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

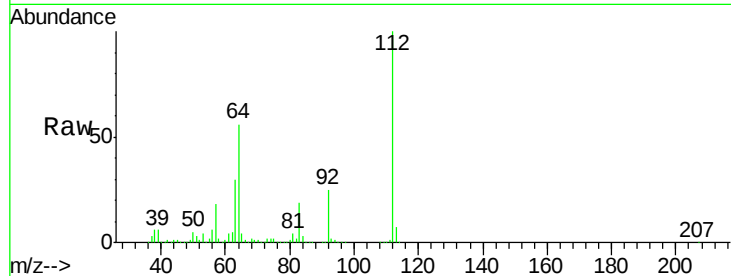
63 29.5 23.6 35.4

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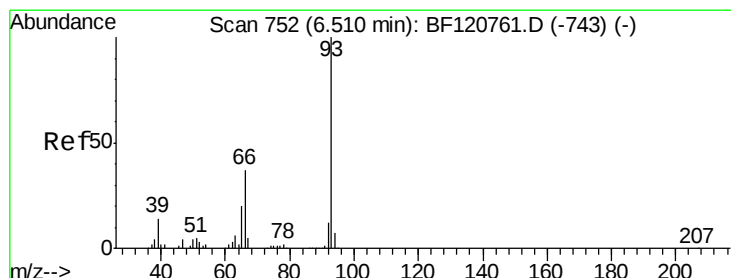
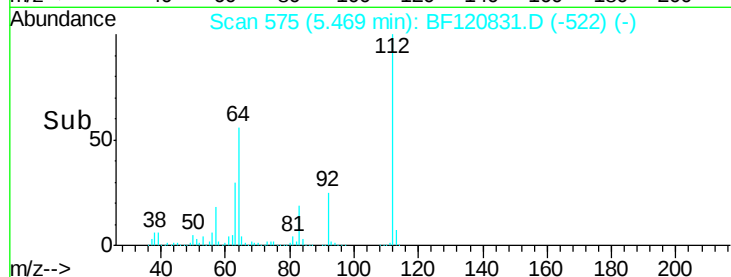
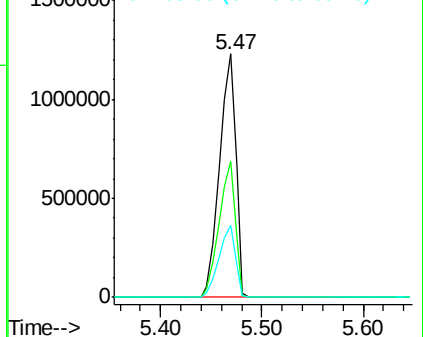
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.805 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion: 93 Resp: 633755

Ion Ratio Lower Upper

93 100

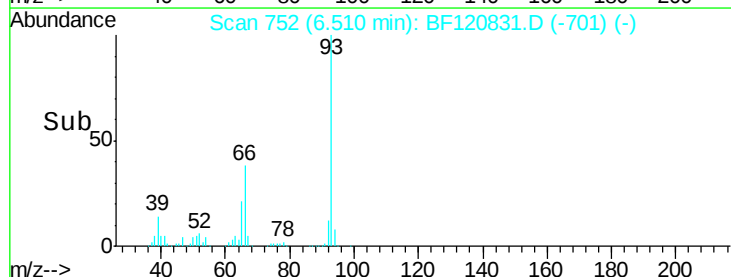
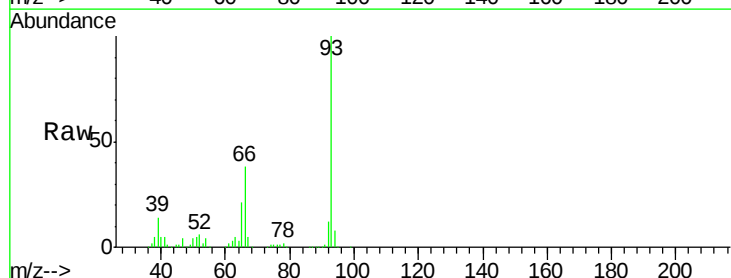
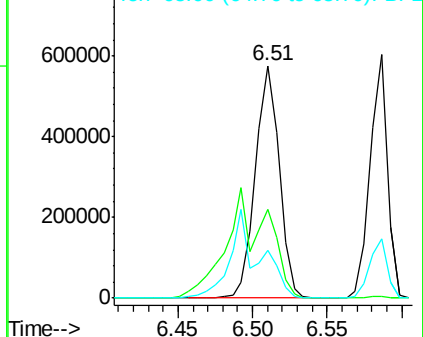
66 38.3 31.3 46.9

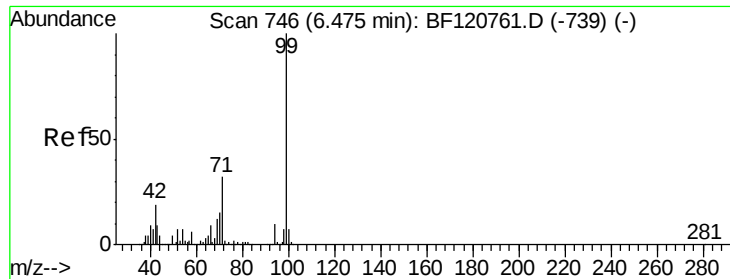
65 20.5 16.5 24.7

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.786 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion: 99 Resp: 1675897

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

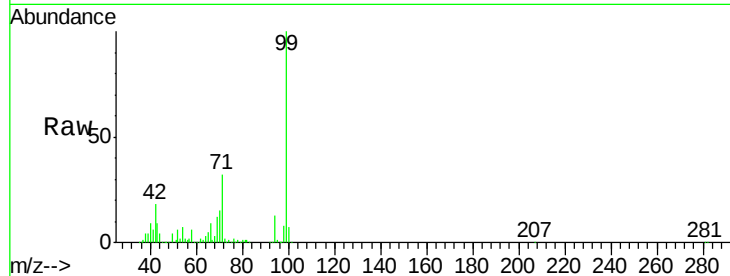
71 32.1 25.9 38.9

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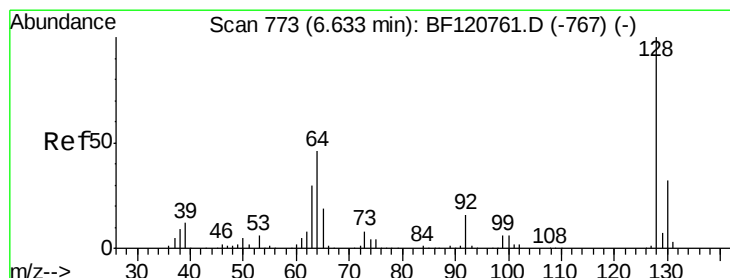
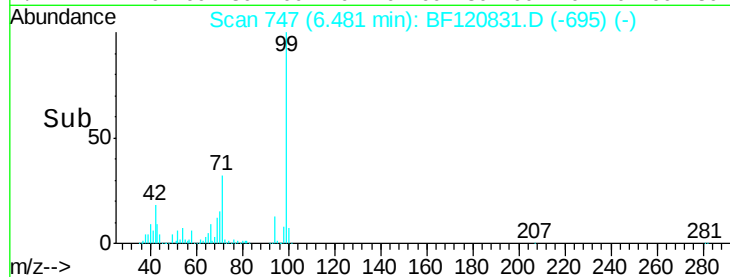
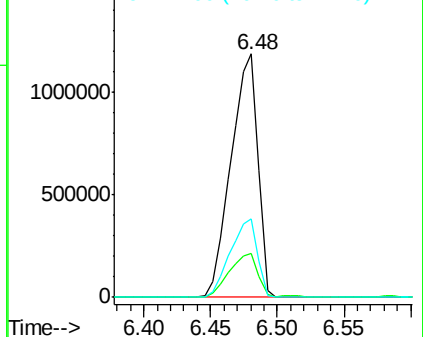
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.929 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

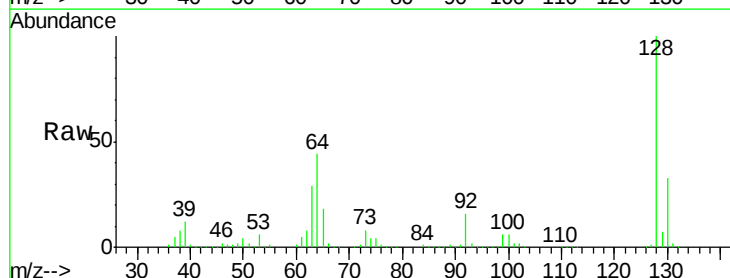
Tgt Ion: 128 Resp: 486937

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

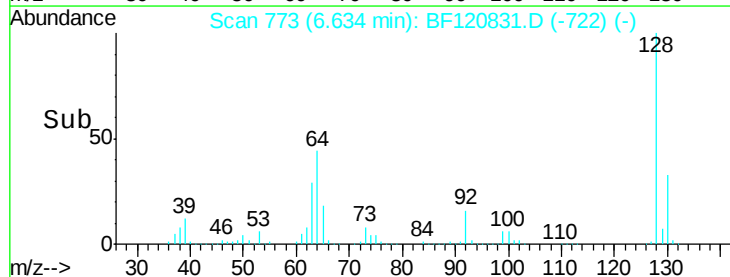
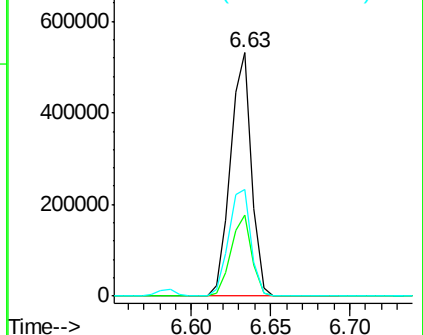
64 43.9 26.3 66.3

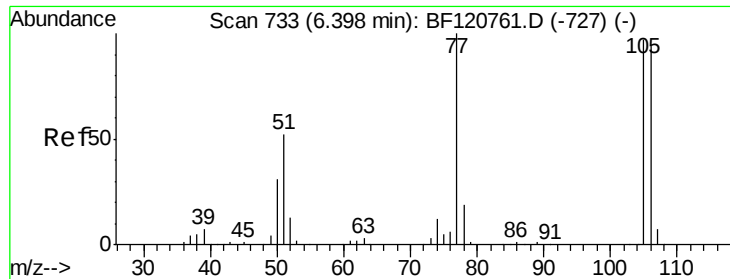


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.584 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

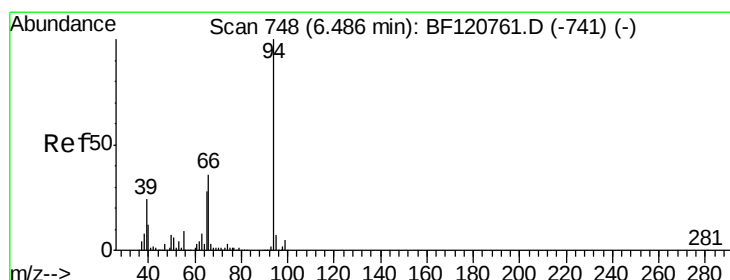
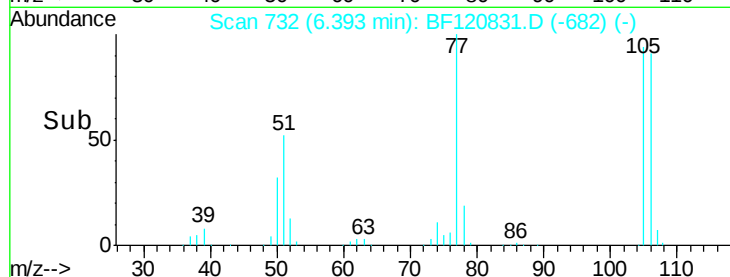
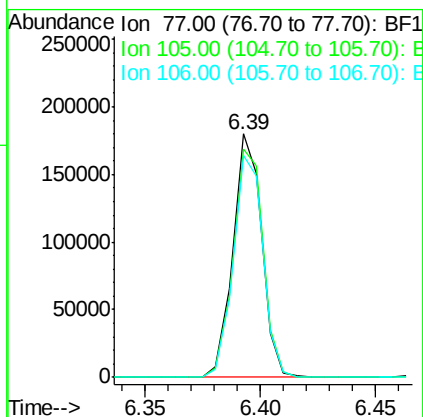
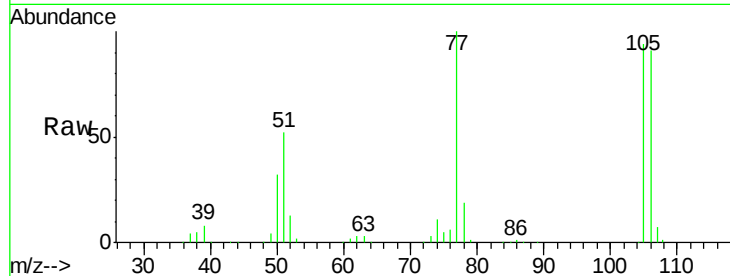
ClientSampleID :

PB130117BS

Tot Ion:	77	Resp:	155685
Ion	Ratio	Lower	Upper
77	100		
105	93.7	76.8	116.8
106	91.0	73.8	113.8

Manual Integrations
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#10

Phenol

Concen: 44.790 ng m

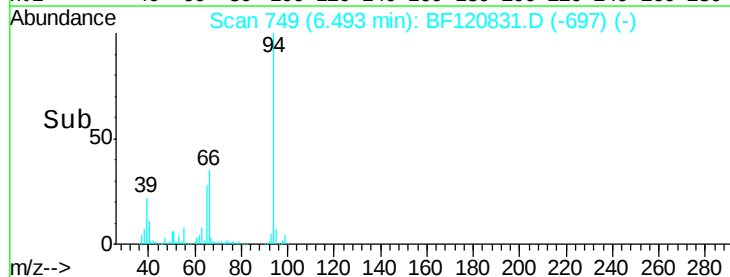
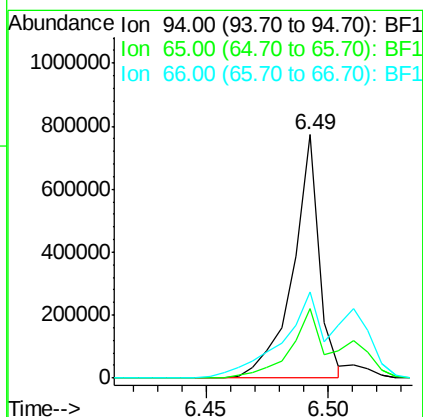
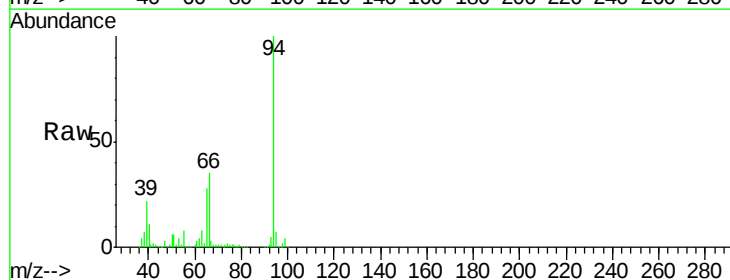
RT: 6.49 min Scan# 749

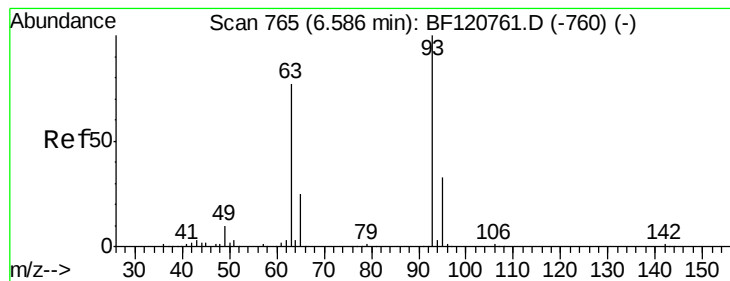
Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:	94	Resp:	585938
Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.4	48.4
66	35.5	16.5	56.5





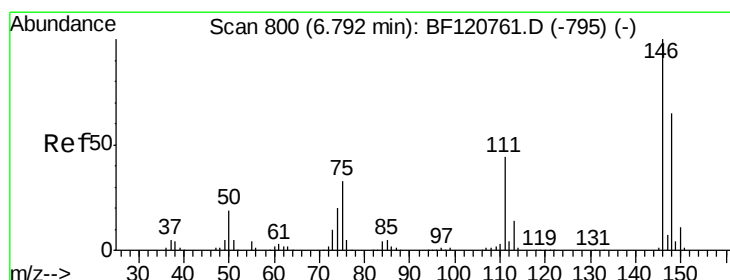
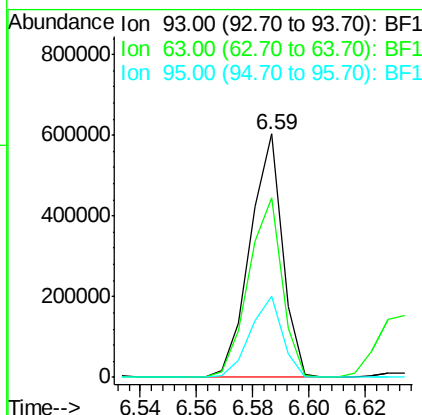
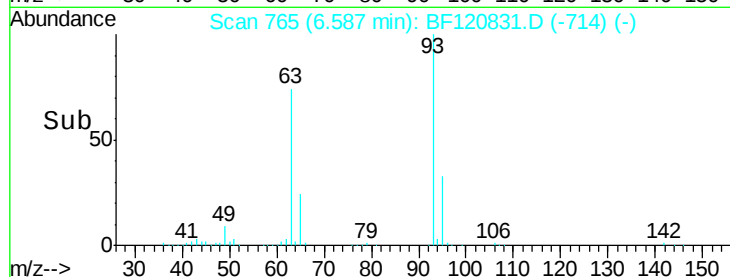
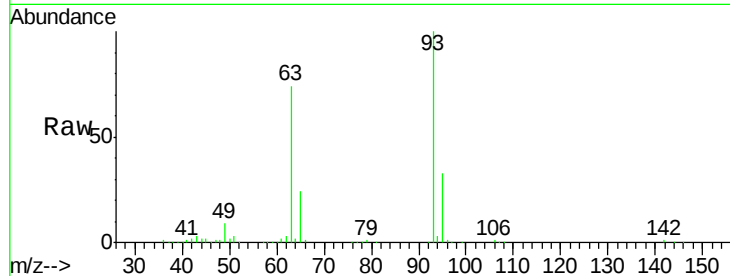
#11
bis(2-Chloroethyl)ether
Concen: 45.058 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	56.9	96.9
95	33.1	13.3	53.3

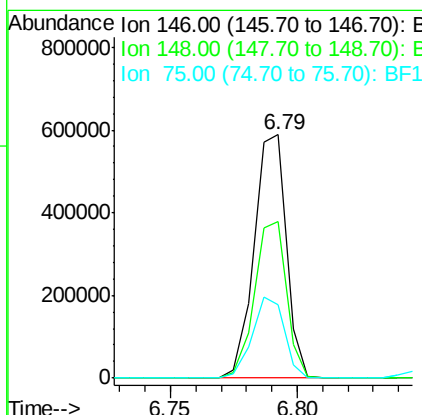
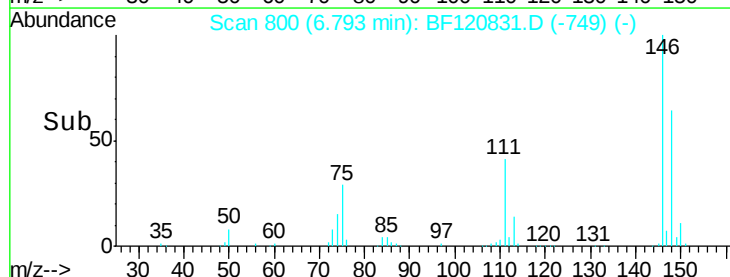
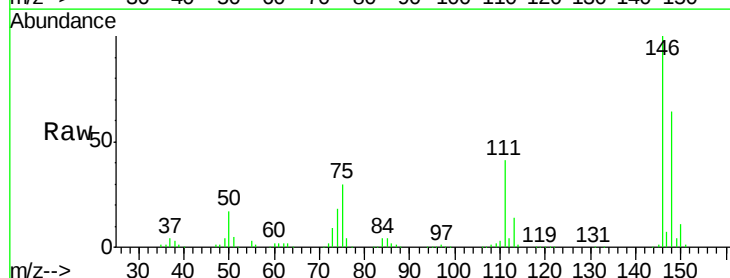
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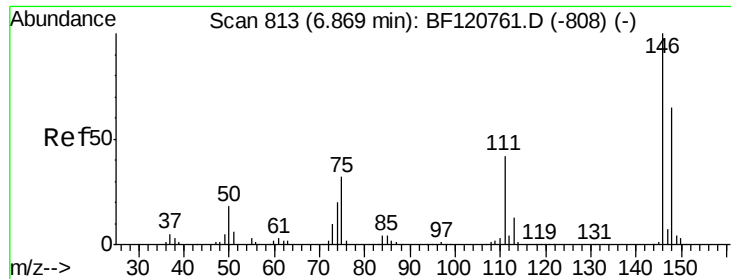
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.896 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	29.9	26.0	39.0





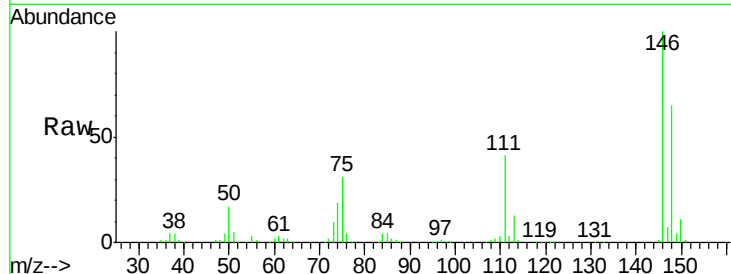
#13
 1,4-Dichlorobenzene
 Concen: 44.805 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	41.3	33.7	50.5

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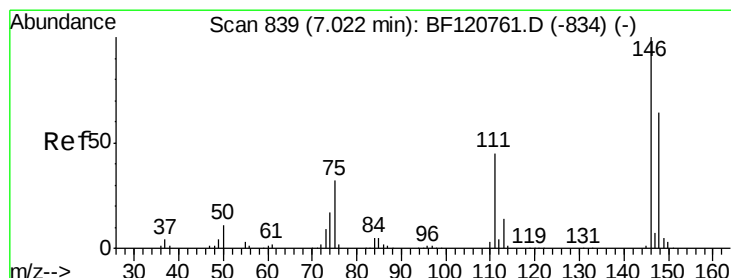
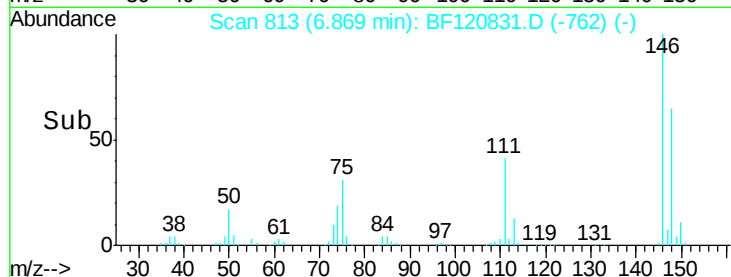
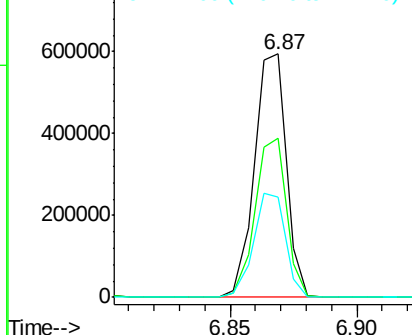


Abundance

Ion 146.00 (145.70 to 146.70): E

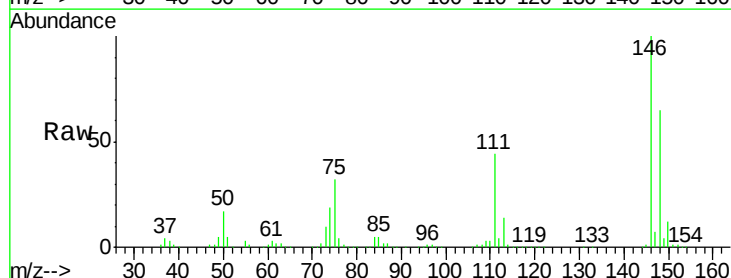
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 44.106 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	43.7	35.7	53.5

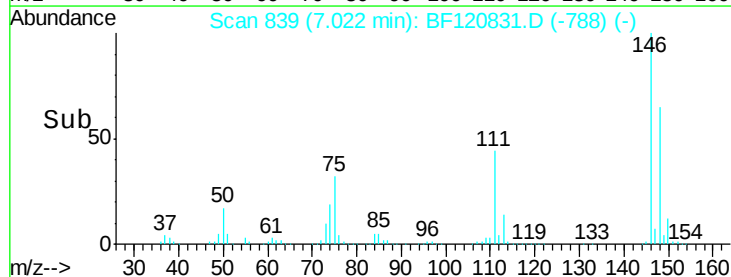
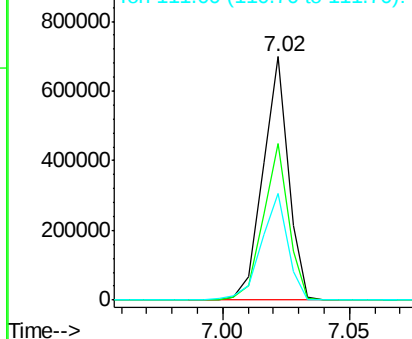


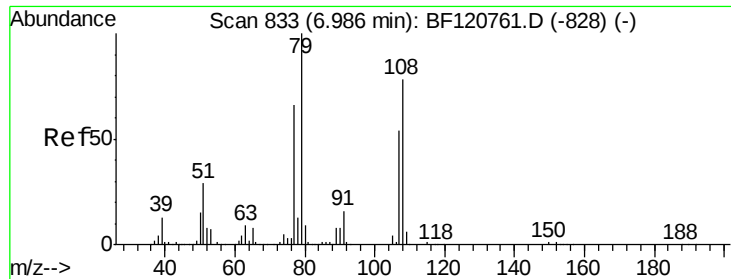
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.320 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

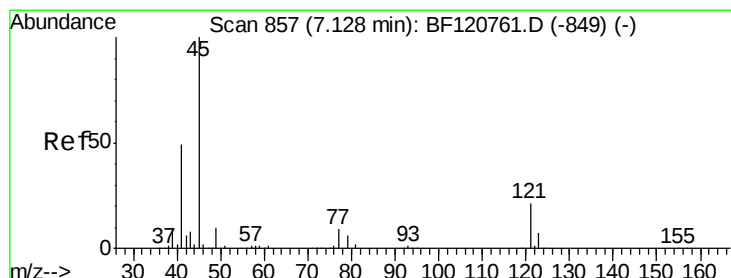
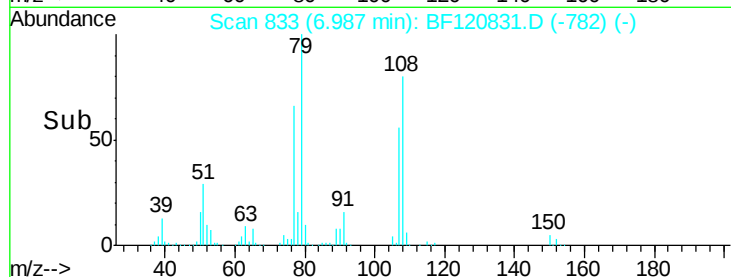
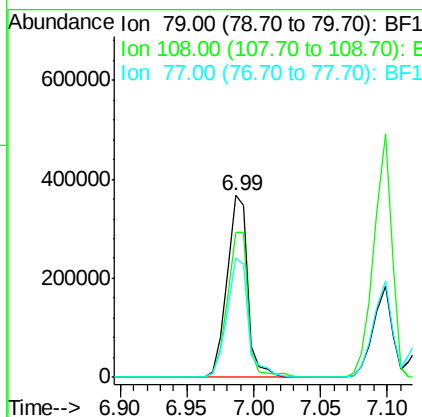
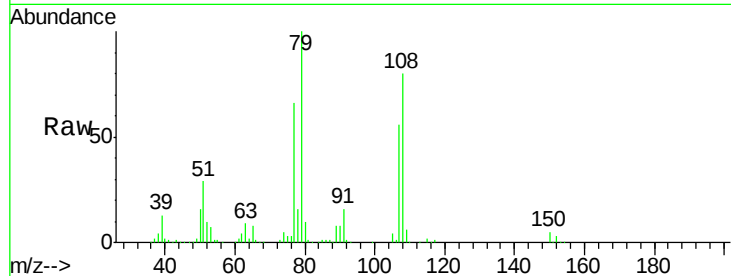
ClientSampleId :

PB130117BS

Tot Ion:	79	Resp:	404359
Ion Ratio	Lower	Upper	
79	100		
108	79.7	62.4	93.6
77	65.9	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.509 ng

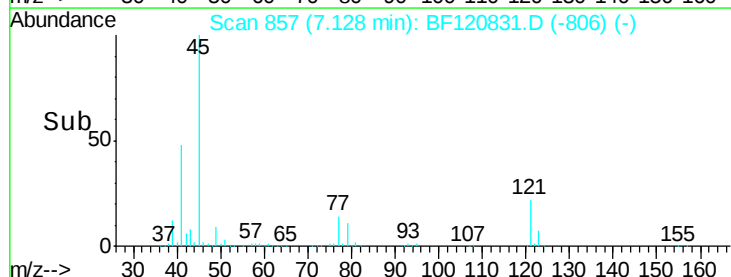
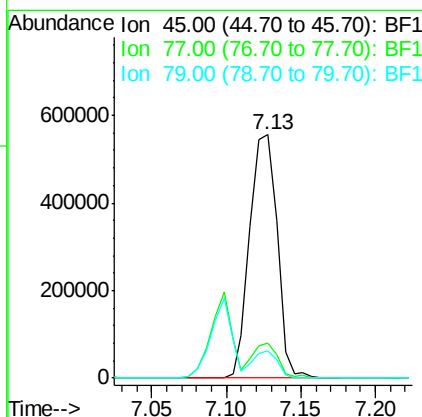
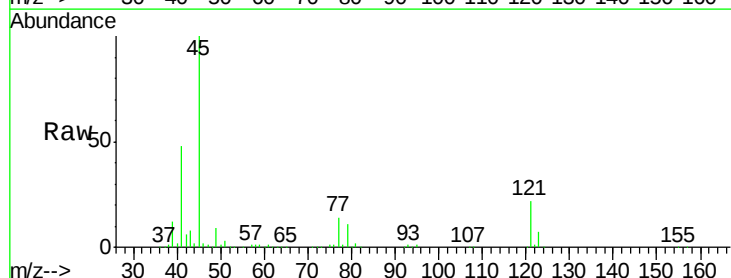
RT: 7.13 min Scan# 857

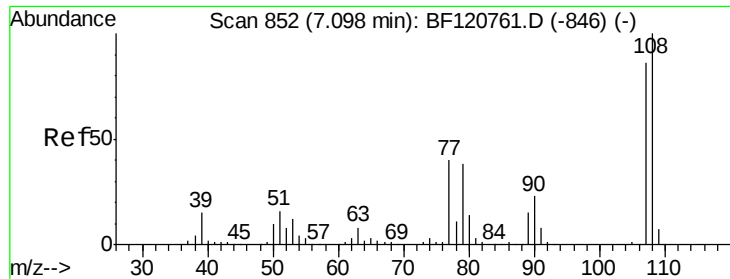
Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:	45	Resp:	705822
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.7
79	11.0	0.0	30.5





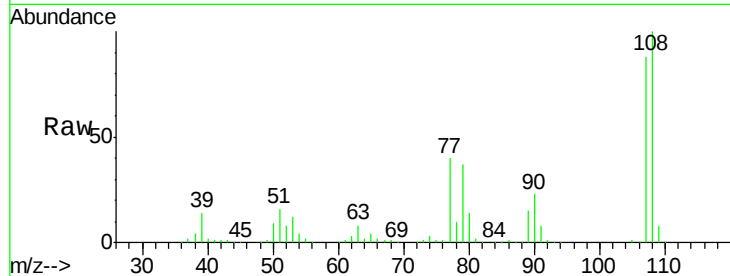
#17
2-Methylphenol
Concen: 41.714 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

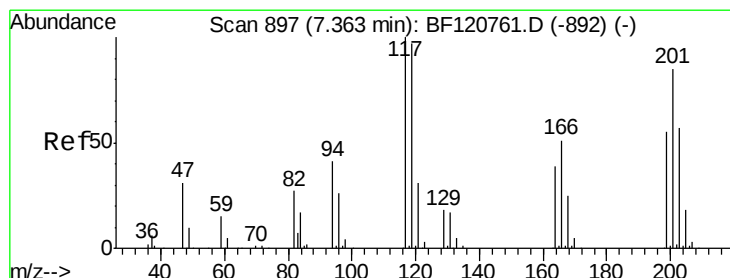
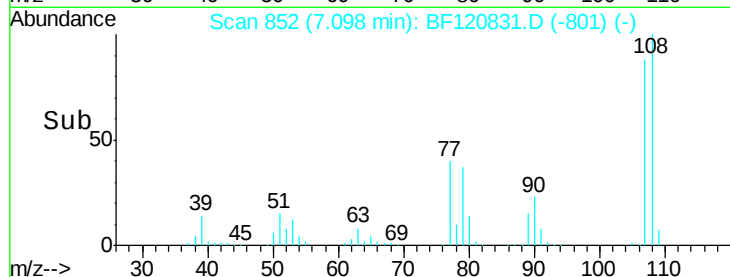
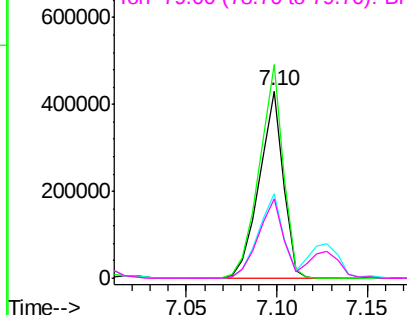
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	93.1	139.7	
77	45.3	37.3	55.9	
79	42.5	35.3	52.9	

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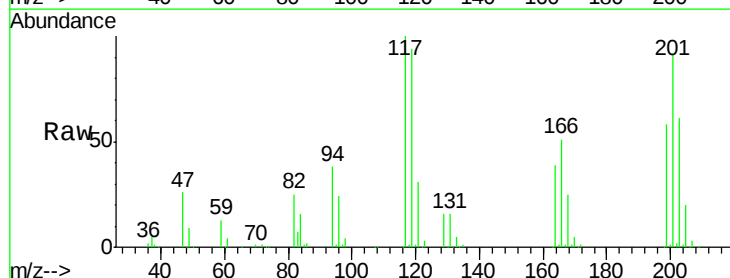


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

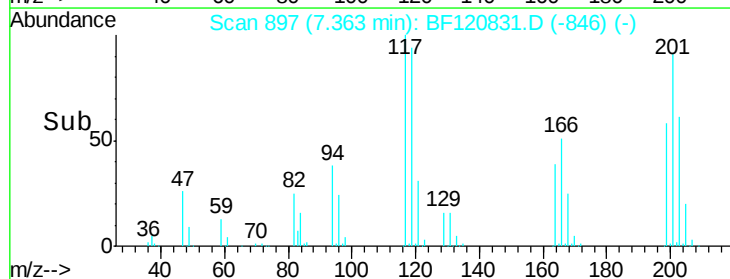
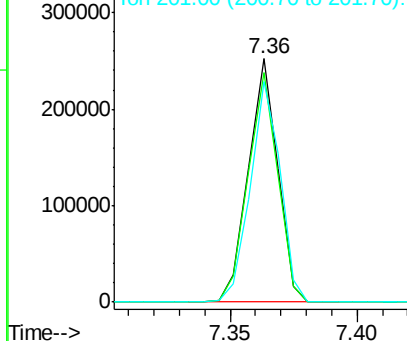


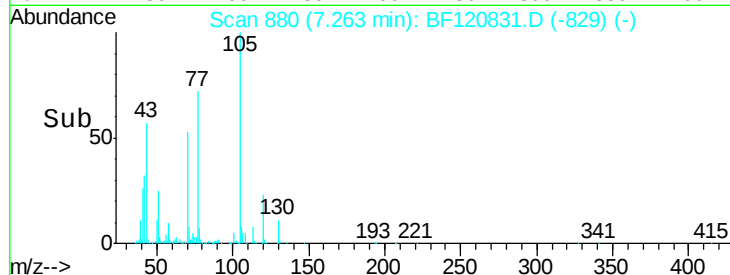
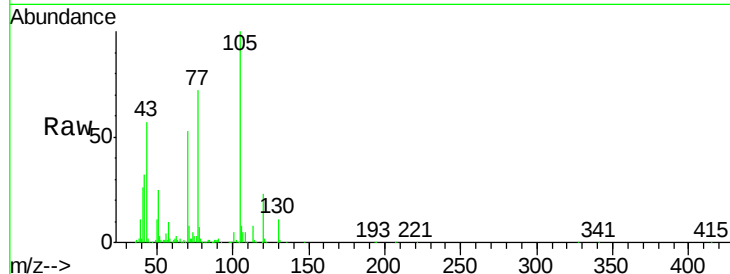
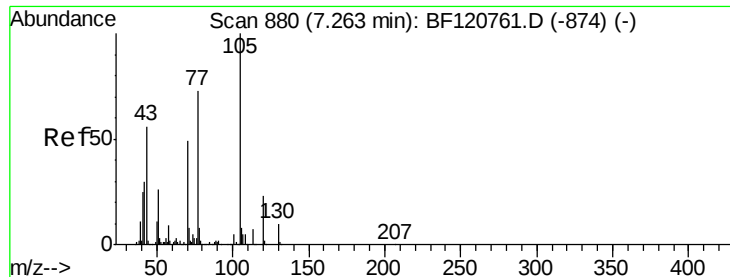
#18
Hexachloroethane
Concen: 46.255 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	77.9	116.9	
201	90.6	68.3	102.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





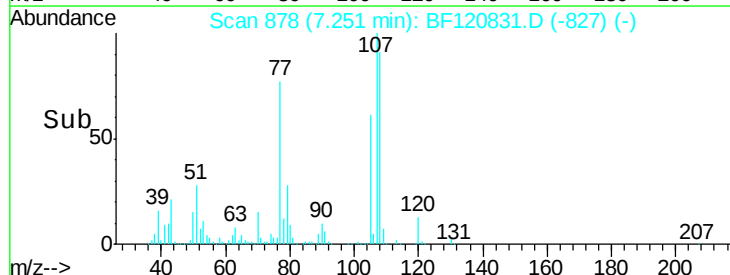
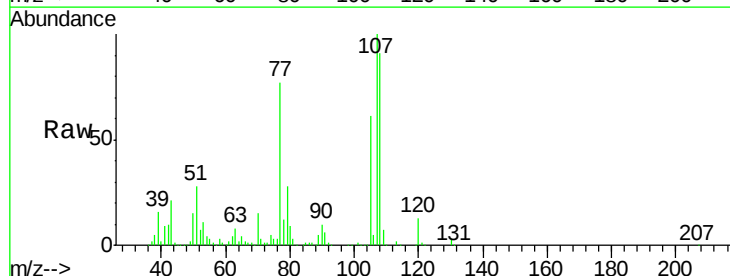
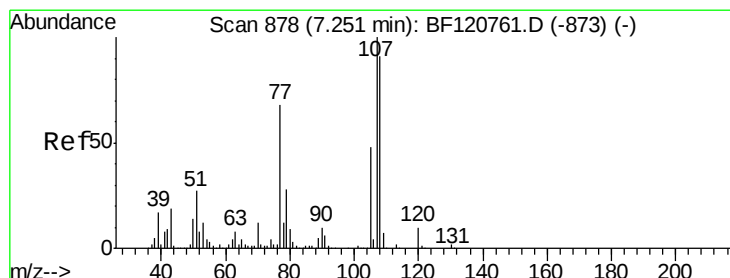
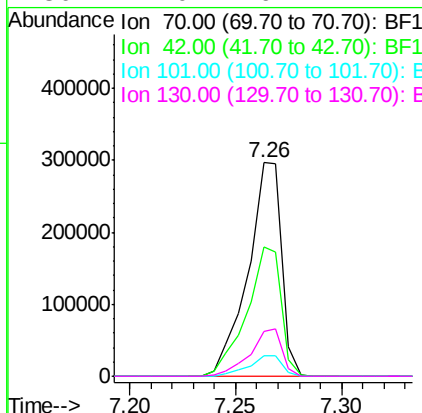
#19
n-Nitroso-di-n-propylamine
Concen: 43.096 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	50.3	75.5
101	9.7	7.5	11.3
130	21.0	16.1	24.1

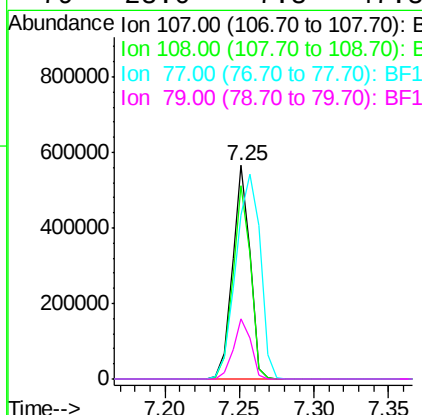
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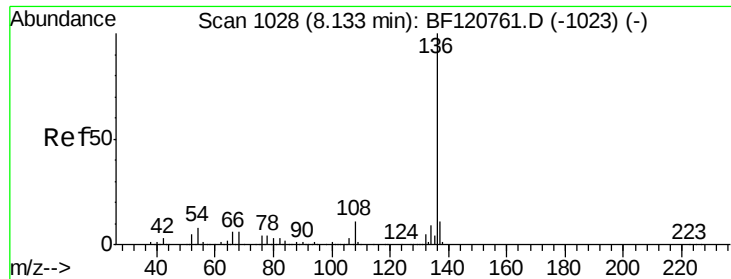
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#20
3+4-Methylphenols
Concen: 40.283 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	70.9	110.9
77	76.7	48.3	88.3
79	28.0	7.8	47.8





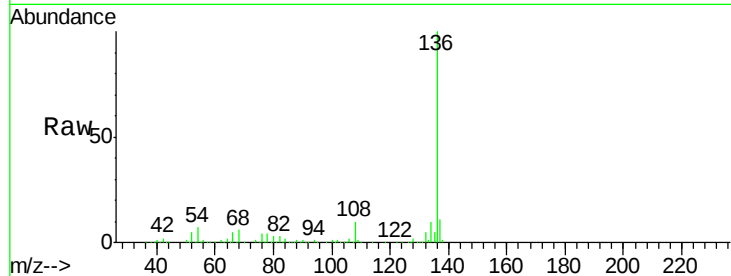
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

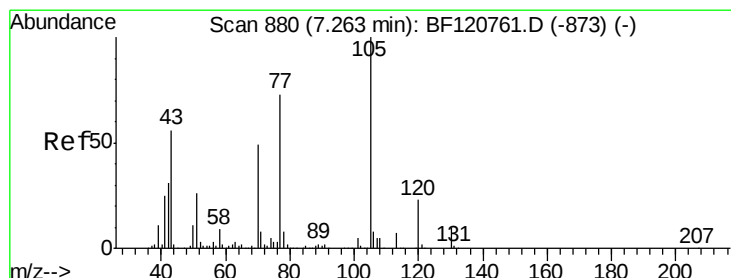
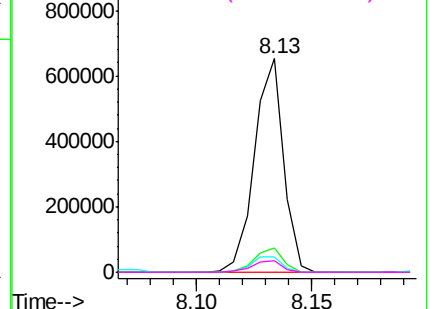
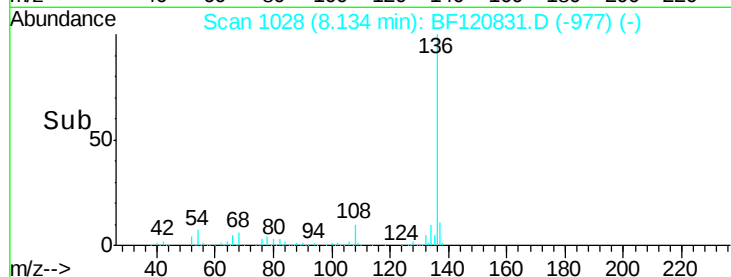
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.6	
54	7.4	6.2	9.4	
68	5.6	4.7	7.1	

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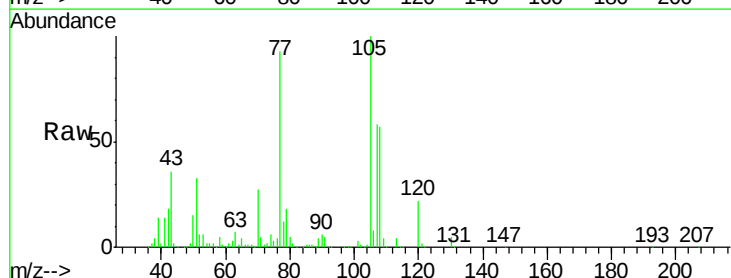


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

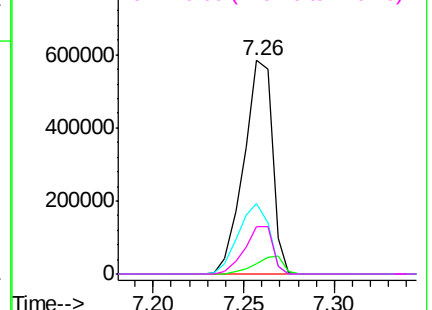
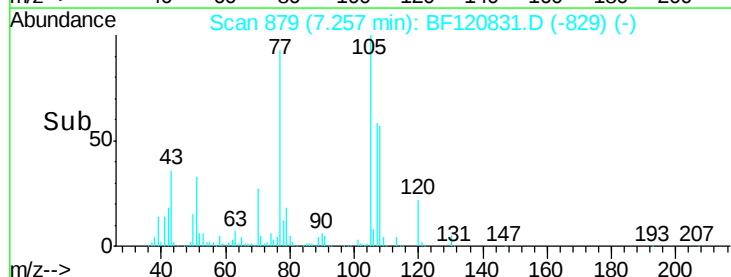


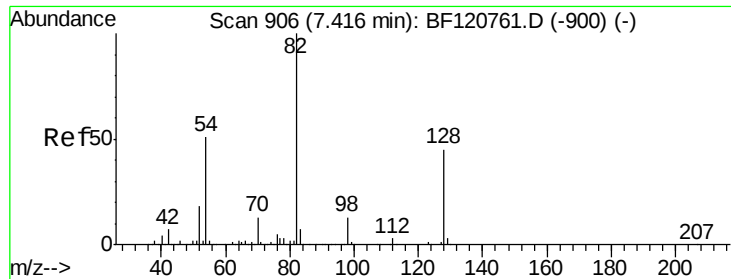
#22
Acetophenone
Concen: 44.759 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	6.5	9.7#	
51	33.2	21.0	31.4#	
120	22.1	18.6	28.0	



Abundance Ion 105.00 (104.70 to 105.70): E
800000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 108.573 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion: 82 Resp: 1077388

Ion Ratio Lower Upper

82 100

128 47.4 35.7 53.5

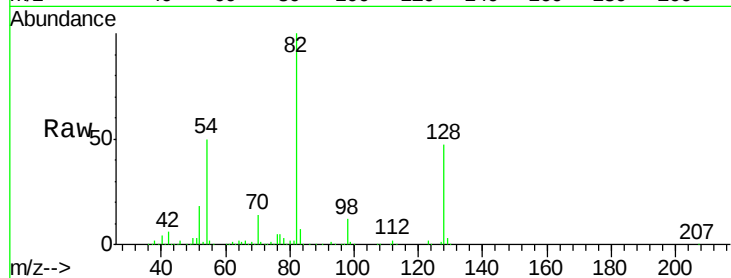
54 50.2 40.9 61.3

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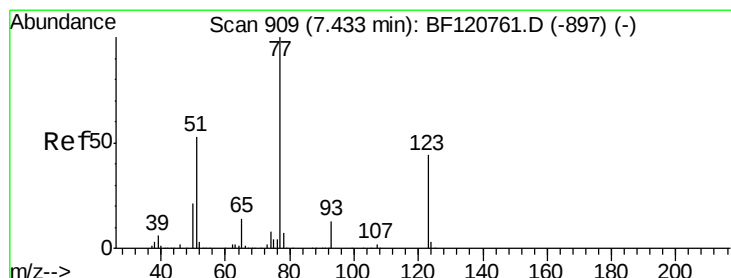
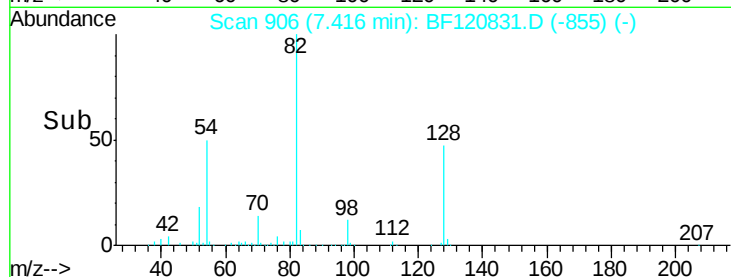
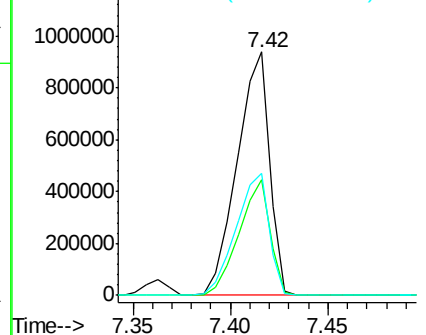
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.379 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

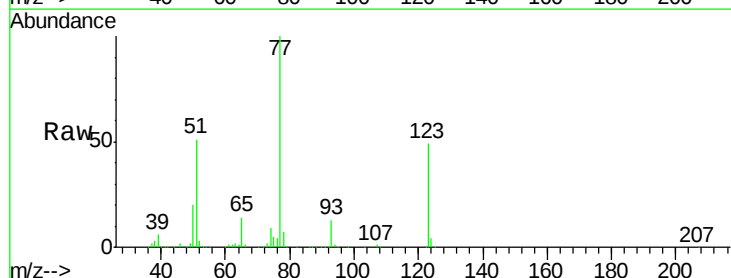
Tgt Ion: 77 Resp: 516746

Ion Ratio Lower Upper

77 100

123 48.6 36.1 54.1

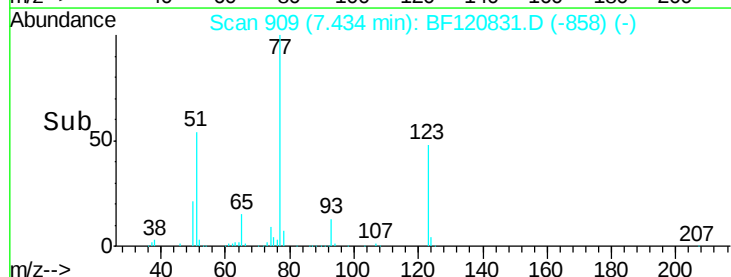
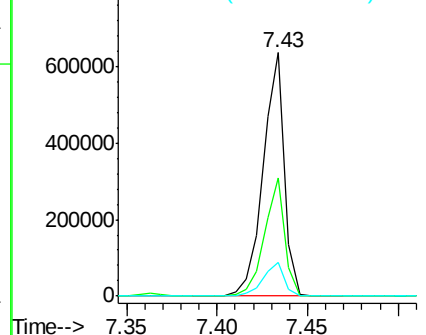
65 13.8 11.0 16.4

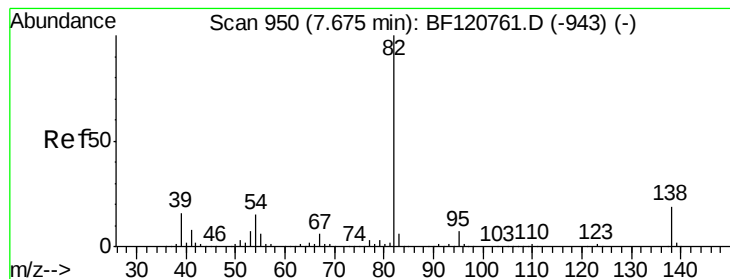


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.975 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

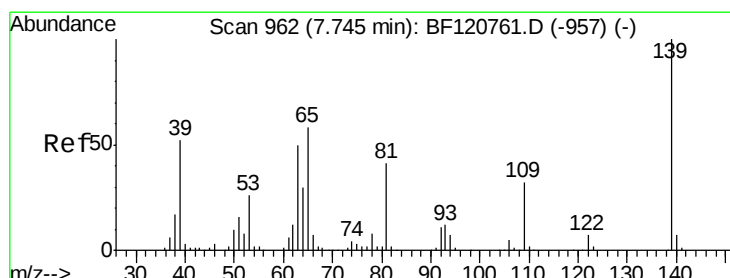
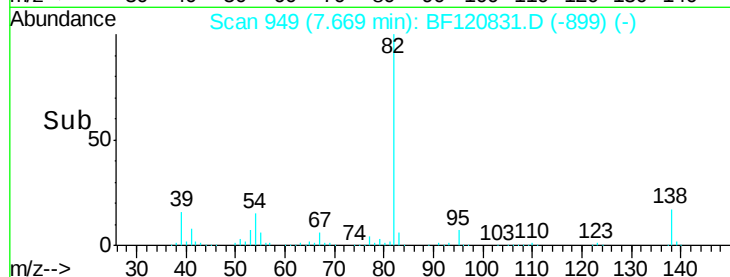
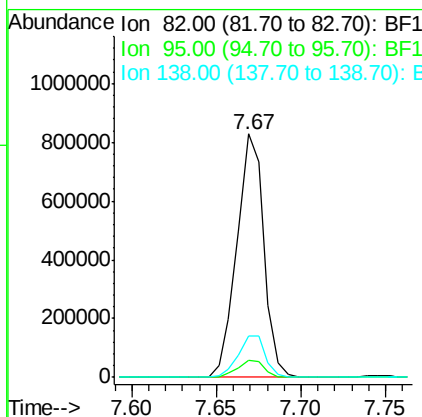
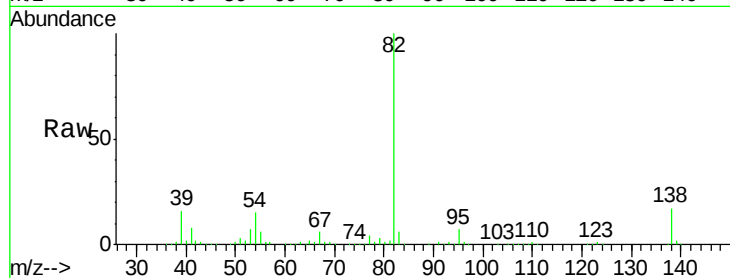
ClientSampled :

PB130117BS

Tot Ion:	82	Resp:	919676
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.2
138	17.0	15.0	22.4

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#26

2-Nitrophenol

Concen: 49.396 ng

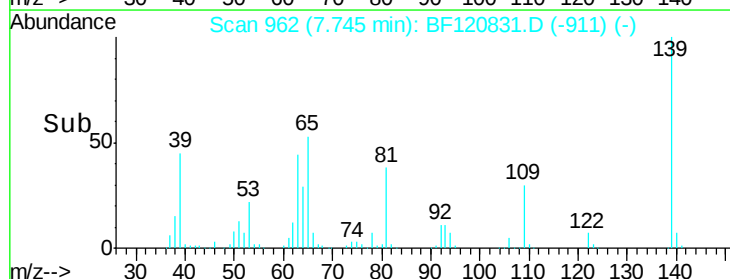
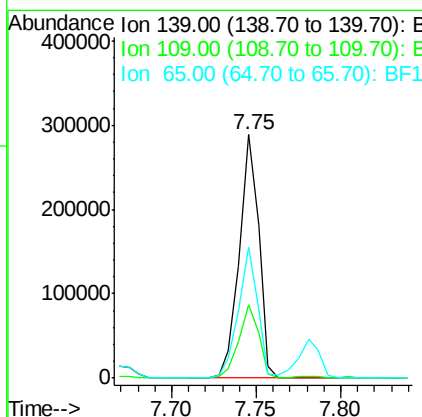
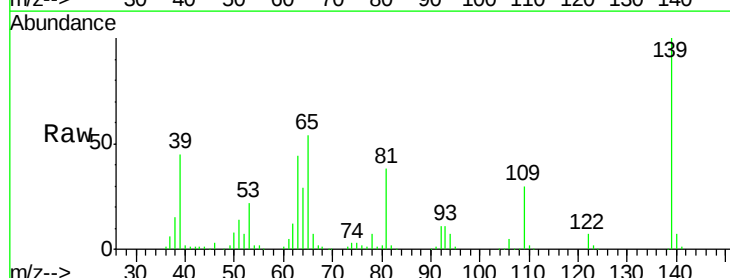
RT: 7.75 min Scan# 962

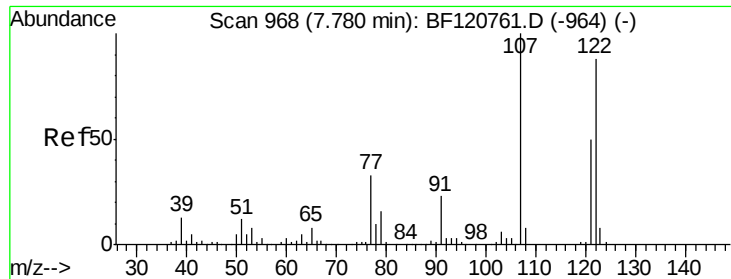
Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:	139	Resp:	231961
Ion Ratio		Lower	Upper
139	100		
109	30.3	25.3	37.9
65	53.7	46.2	69.2





#27

2,4-Dimethylphenol

Concen: 47.174 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

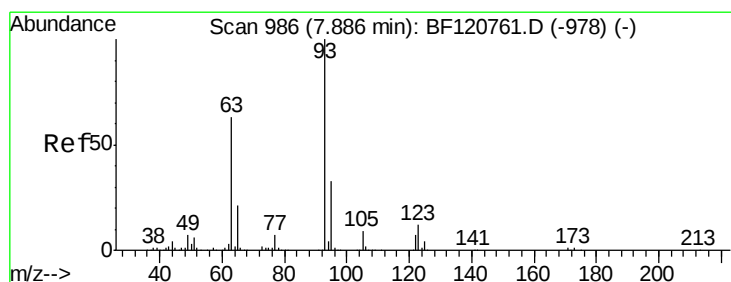
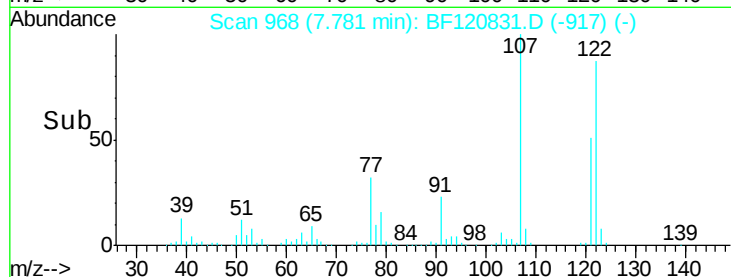
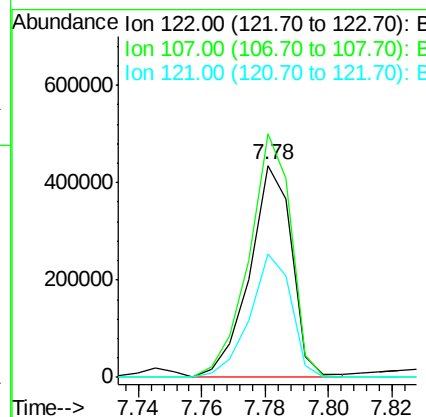
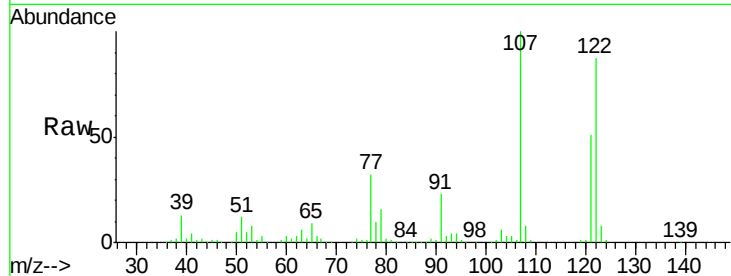
ClientSampleId :

PB130117BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		402995		
107	114.8	90.7	136.1		
121	58.3	45.4	68.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 46.182 ng

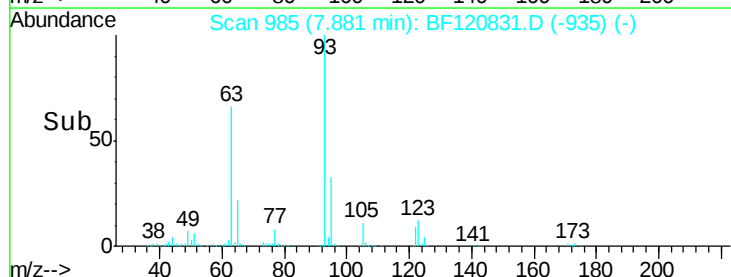
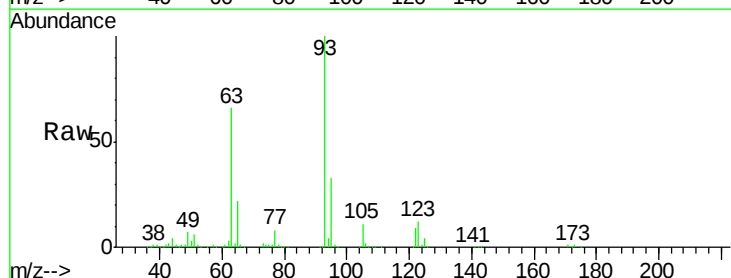
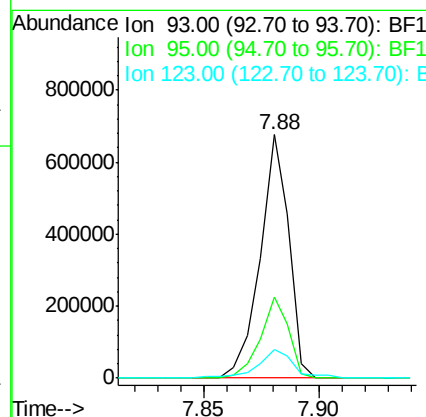
RT: 7.88 min Scan# 985

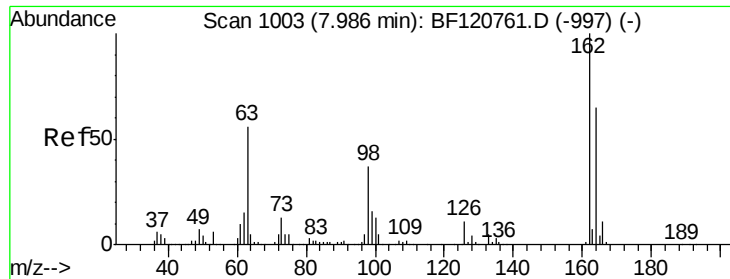
Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		584922		
95	33.1	26.4	39.6		
123	12.0	10.2	15.2		





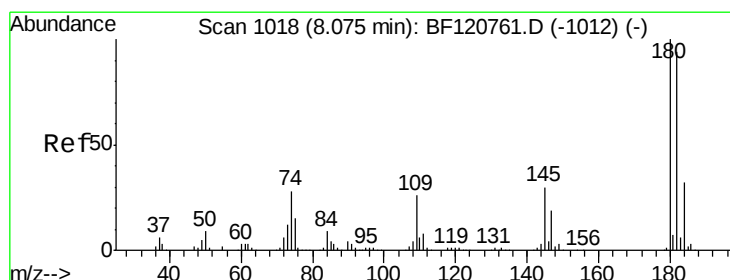
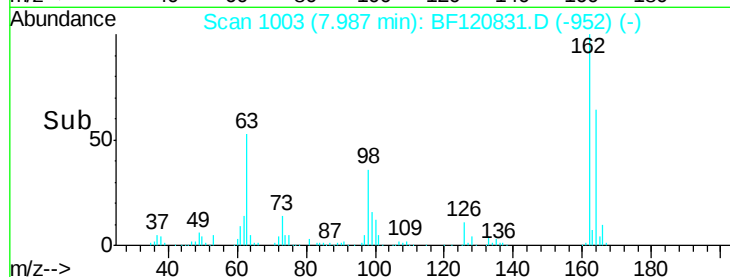
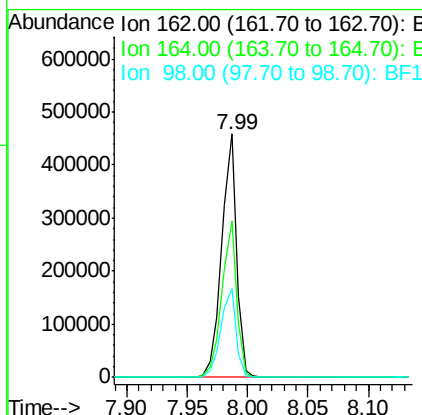
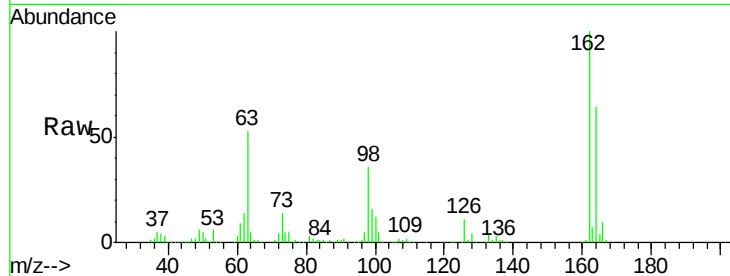
#29
2,4-Dichlorophenol
Concen: 45.563 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	45.2	85.2	
98	36.3	17.0	57.0	

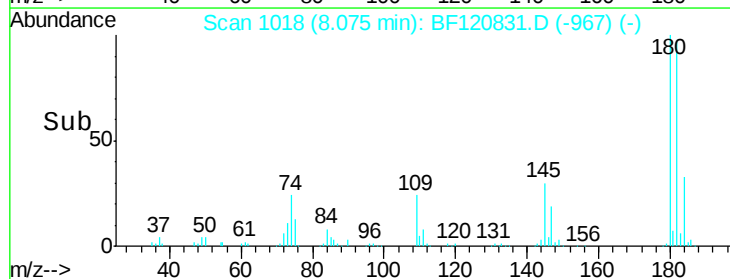
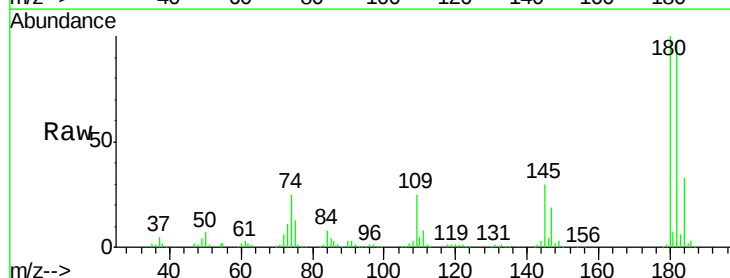
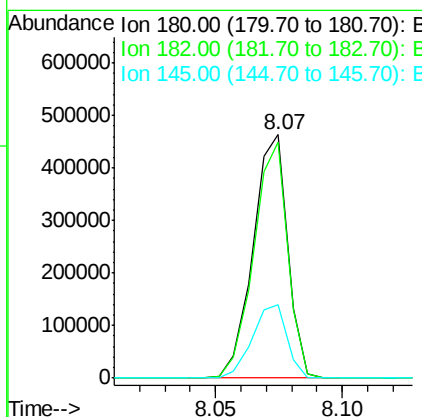
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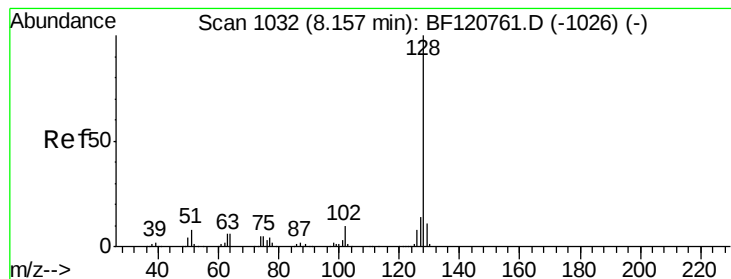
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#30
1,2,4-Trichlorobenzene
Concen: 45.990 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.7	75.5	113.3	
145	30.0	24.1	36.1	





#31

Naphthalene

Concen: 44.482 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:128 Resp: 1366746

Ion Ratio Lower Upper

128 100

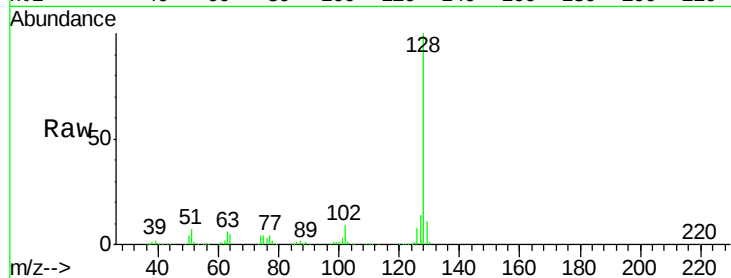
129 11.3 9.2 13.8

127 14.1 11.1 16.7

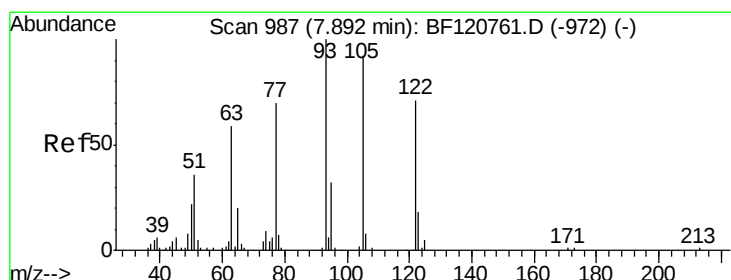
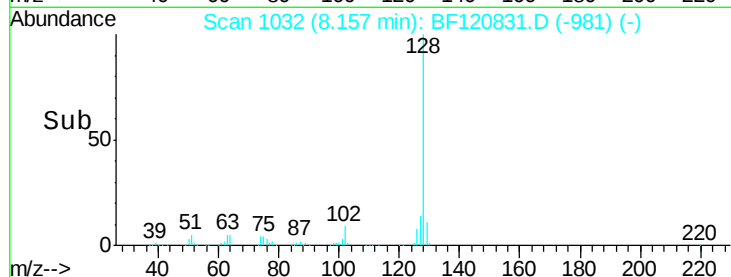
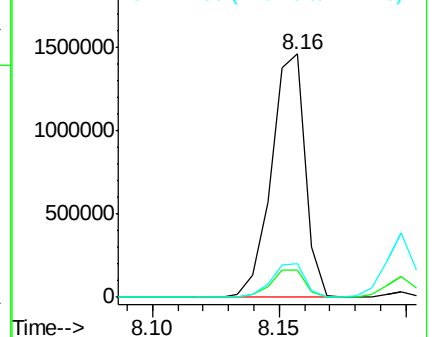
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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.135 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

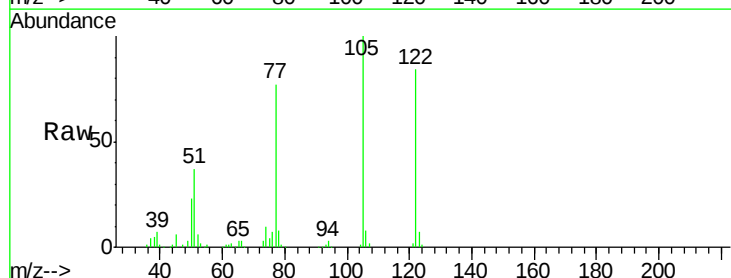
Tgt Ion:122 Resp: 257724

Ion Ratio Lower Upper

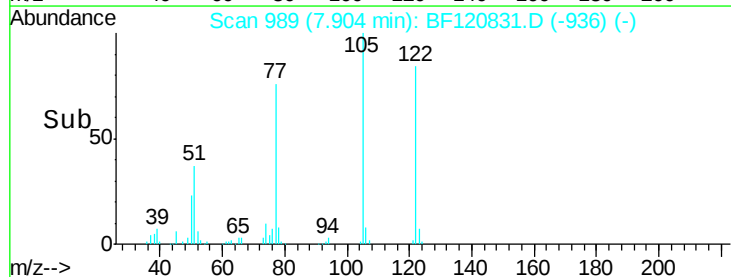
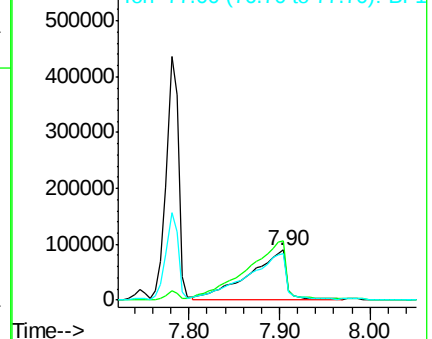
122 100

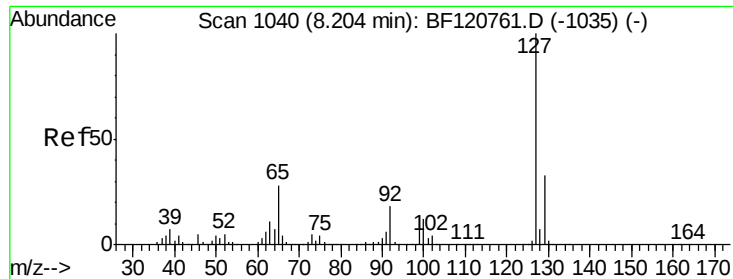
105 119.2 105.8 145.8

77 91.8 77.3 117.3



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





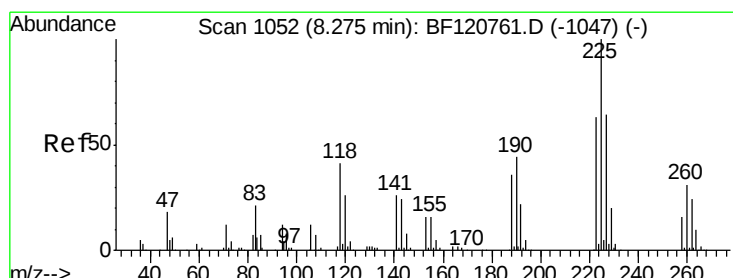
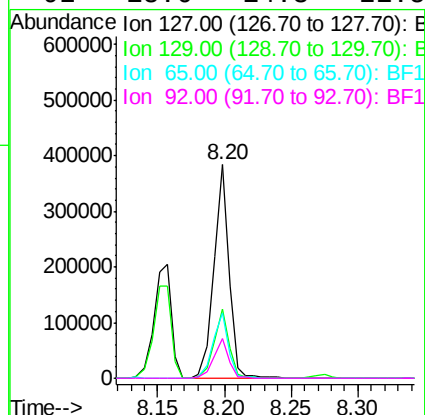
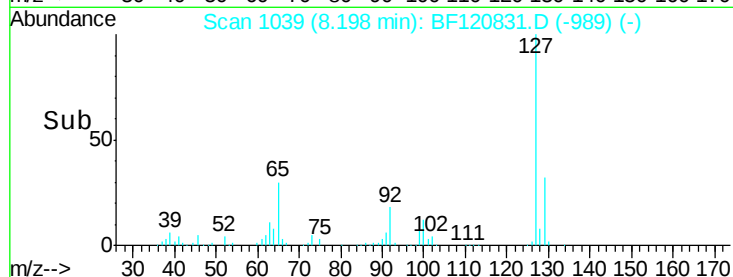
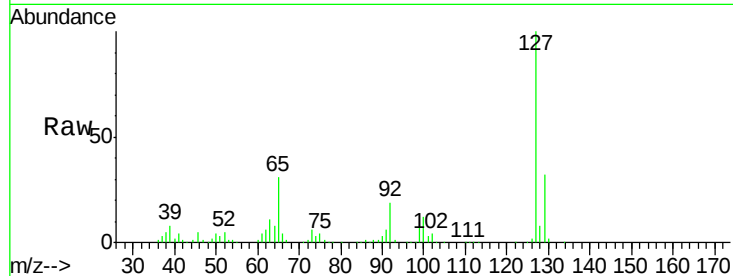
#33
4-Chloroaniline
Concen: 23.605 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.6	39.8		
65	30.8	22.7	34.1		
92	18.6	14.3	21.5		

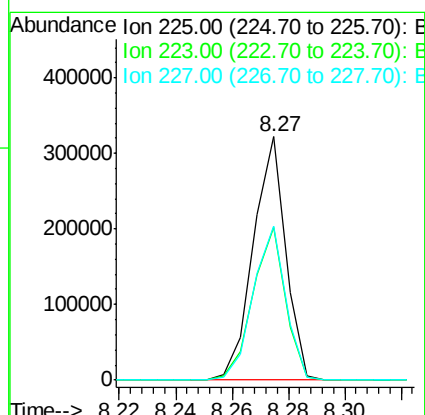
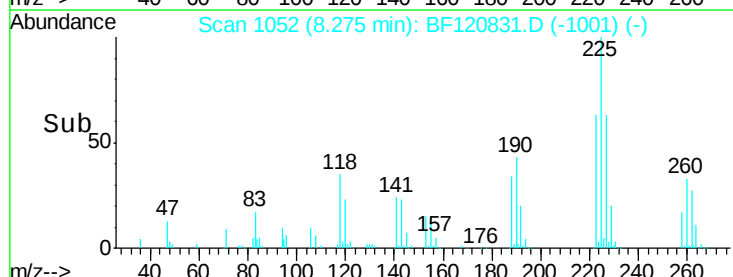
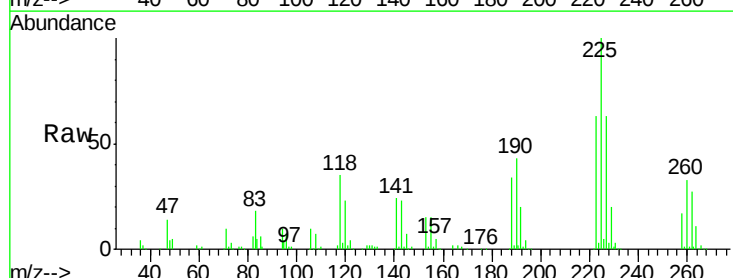
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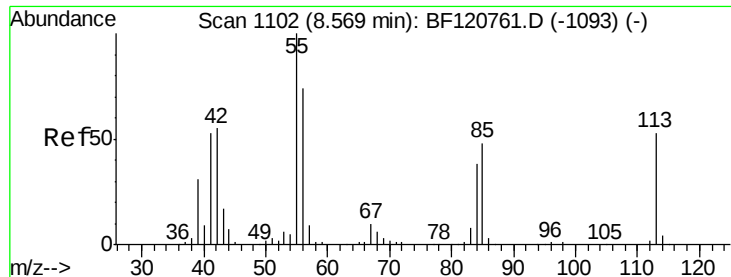
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#34
Hexachlorobutadiene
Concen: 44.525 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	63.3	51.4	77.2		





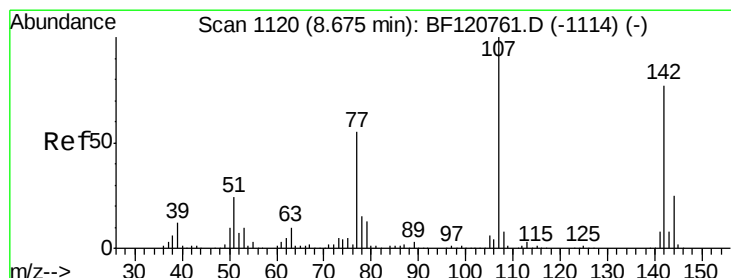
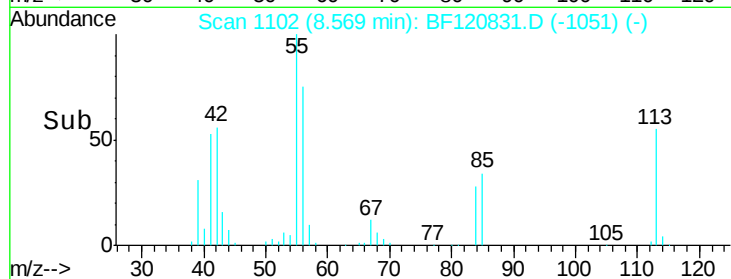
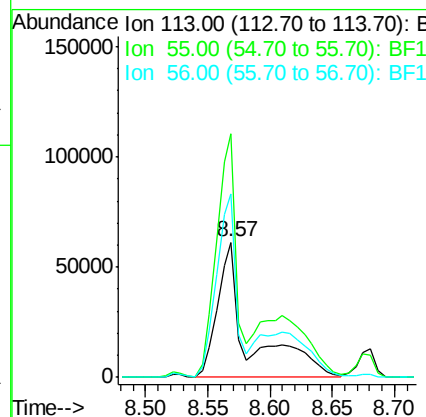
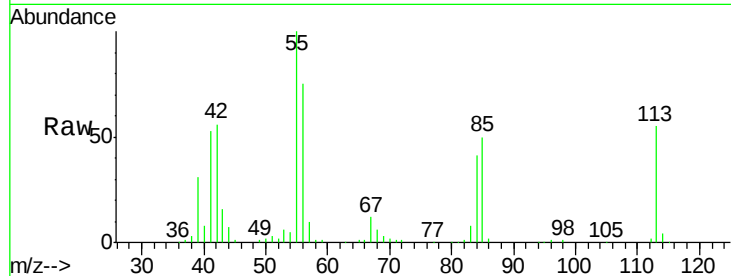
#35
 Caprolactam
 Concen: 43.666 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.6	168.3	208.3
56	135.9	118.8	158.8

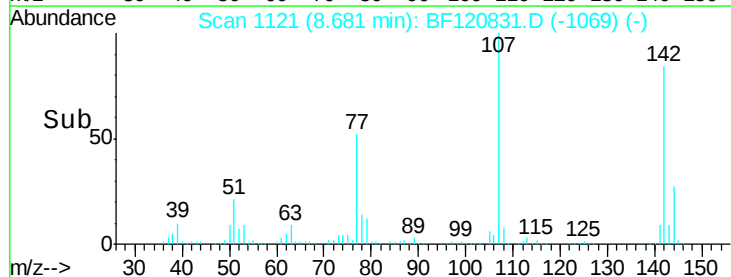
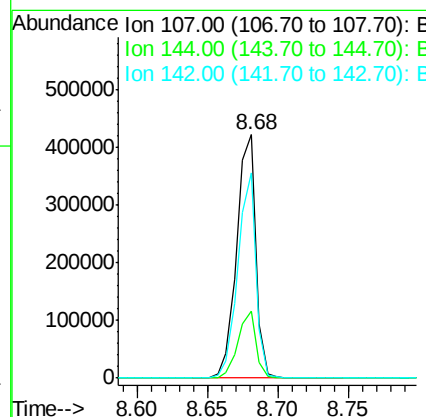
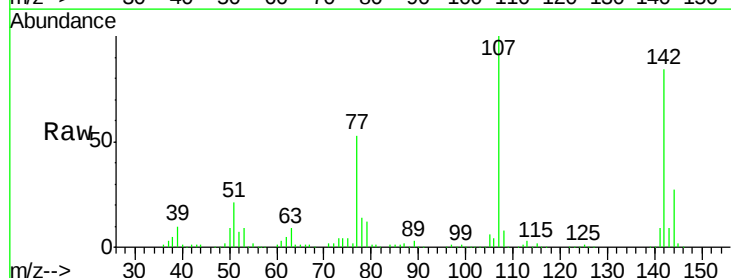
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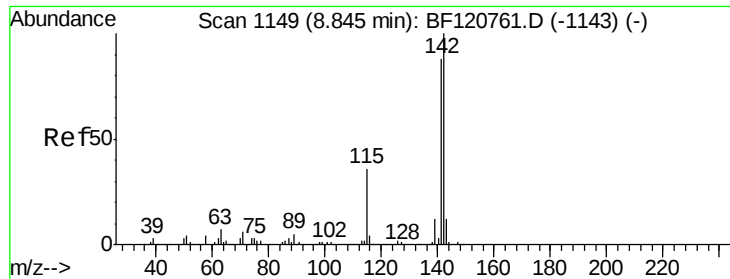
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#36
 4-Chloro-3-methylphenol
 Concen: 45.124 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	19.7	29.5
142	84.1	61.2	91.8





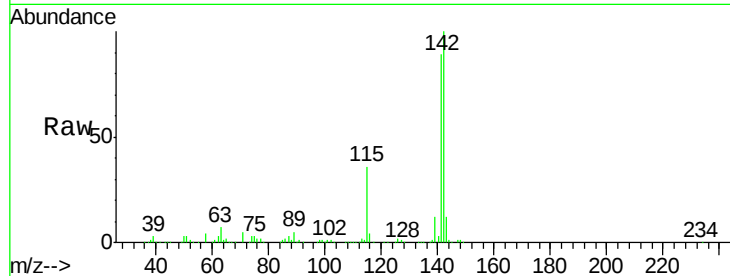
#37
2-Methylnaphthalene
Concen: 44.947 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

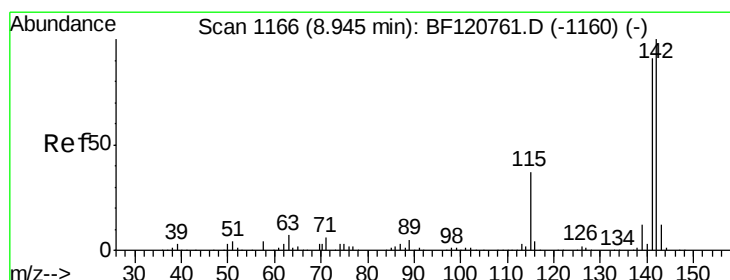
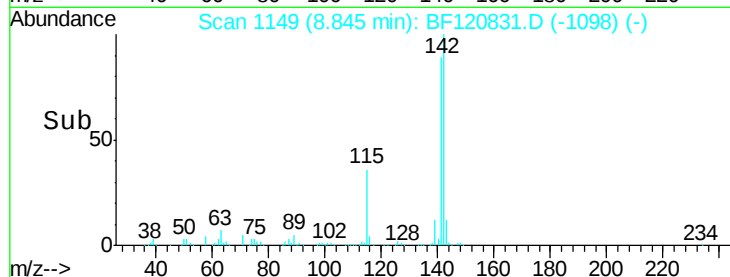
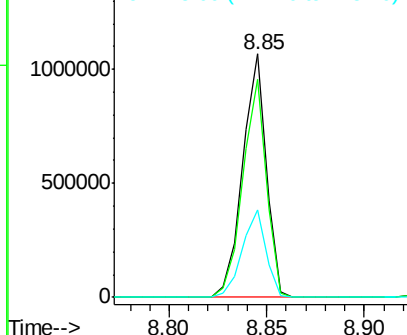
Tot Ion	Ratio	Resp	Lower	Upper
142	100	897759		
141	89.3		70.2	105.4
115	35.7		29.0	43.4

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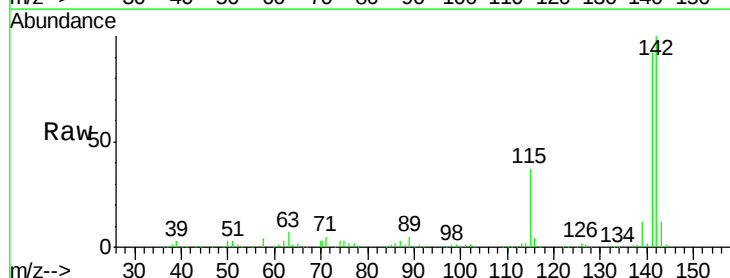


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

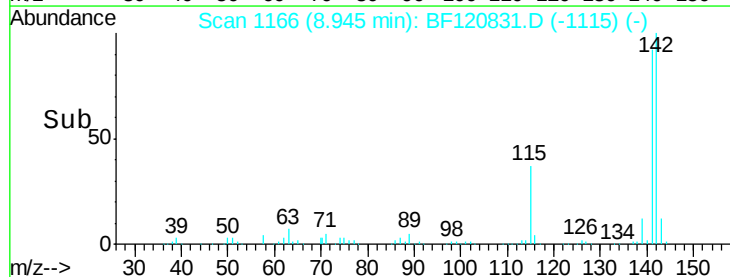
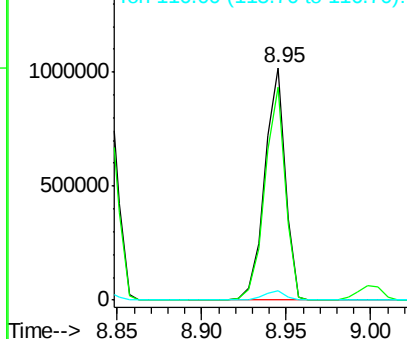


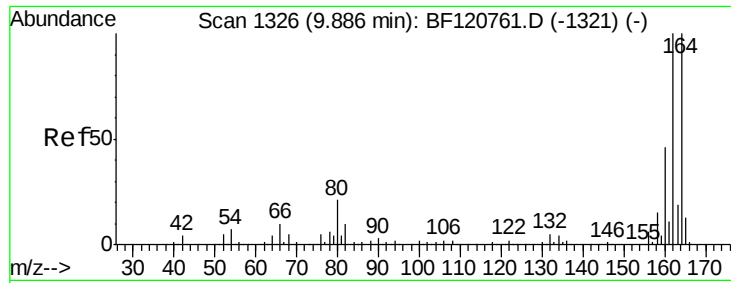
#38
1-Methylnaphthalene
Concen: 45.660 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	854274		
141	91.6		72.5	108.7
116	3.8		3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





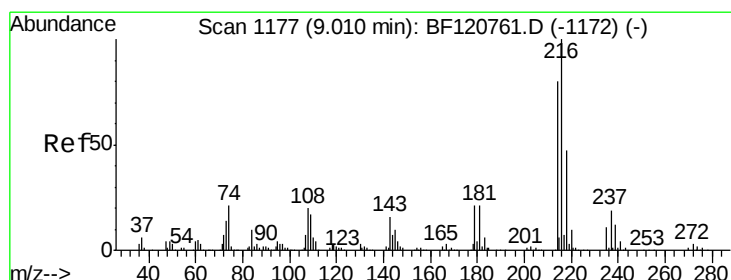
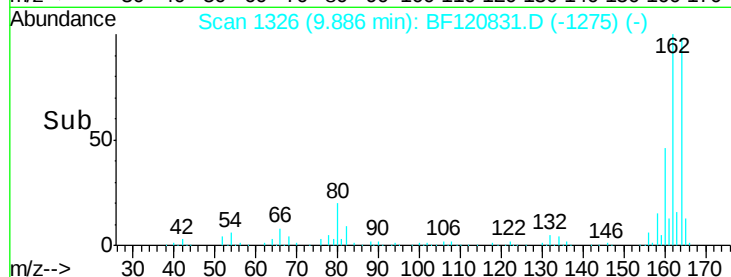
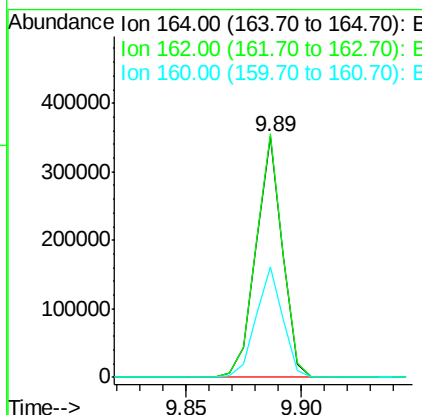
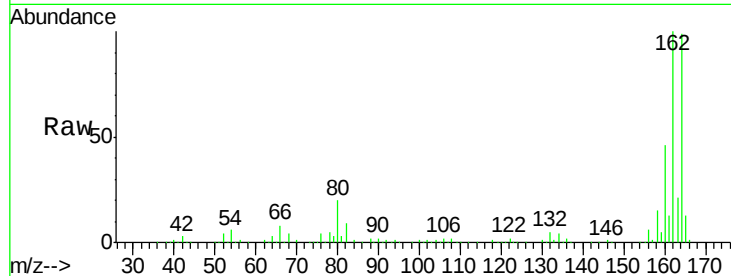
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	46.0	36.9	55.3

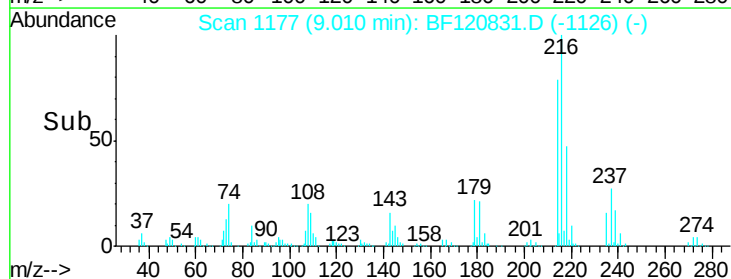
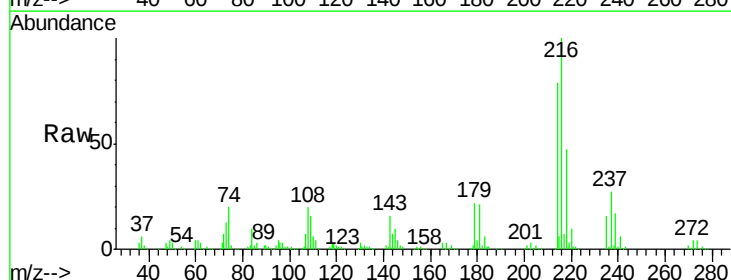
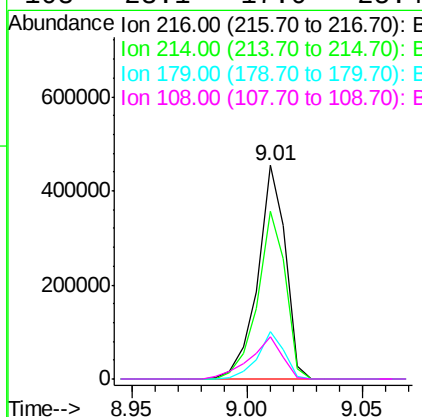
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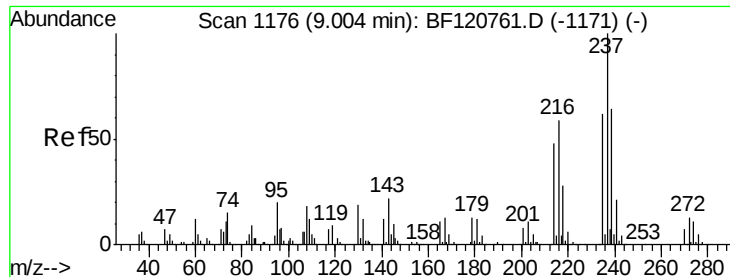
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.003 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.7	95.5
179	21.1	16.7	25.1
108	23.1	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 96.646 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

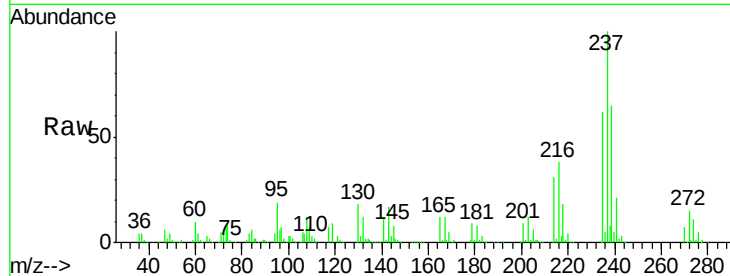
ClientSampleId :

PB130117BS

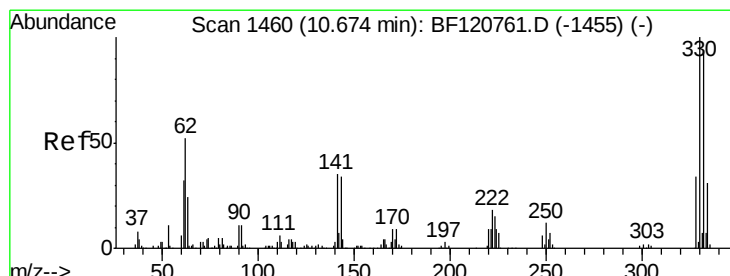
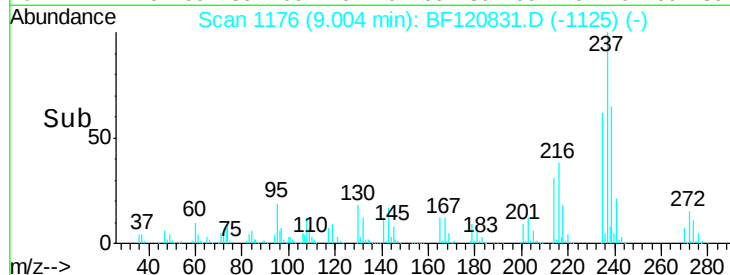
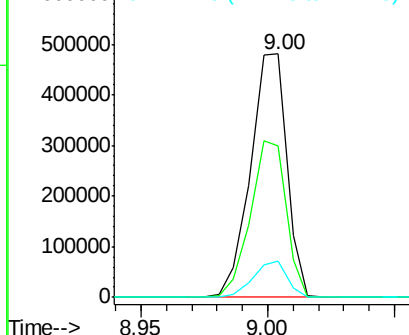
Tot Ion:	237	Resp:	484015
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.1	82.1
272	14.7	0.0	33.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 150.288 ng

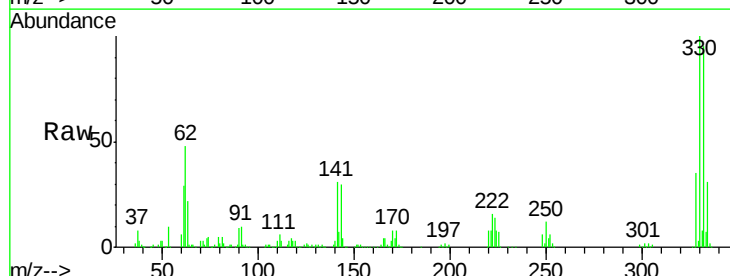
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

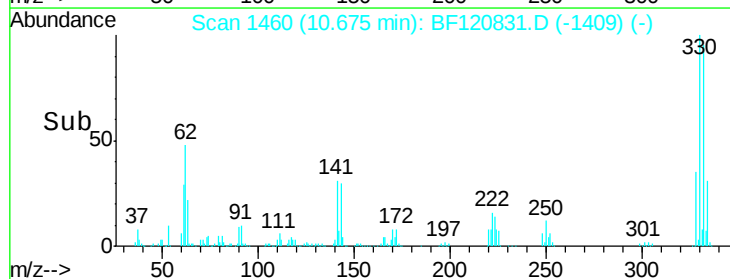
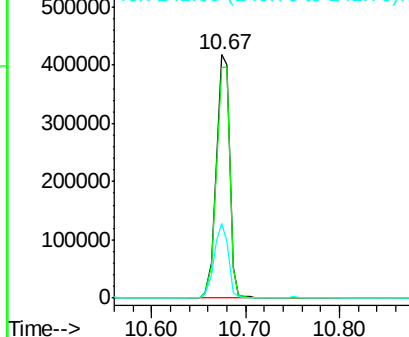
Lab File: BF120831.D

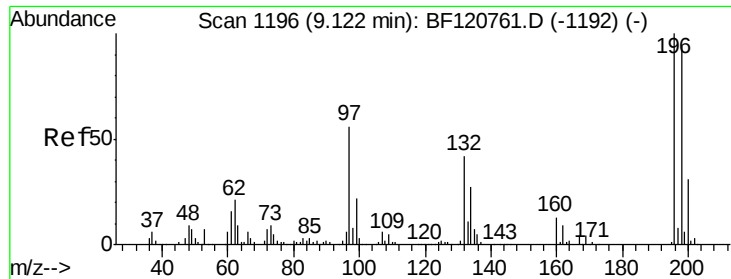
Acq: 10 Jul 2020 15:03

Tgt Ion:	330	Resp:	423464
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.8	113.6
141	32.6	29.7	44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





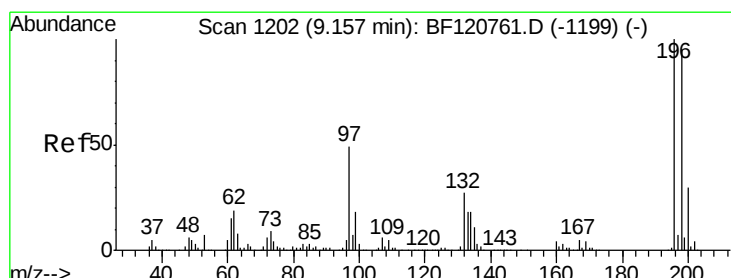
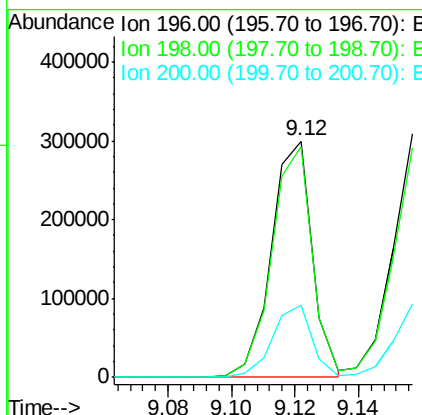
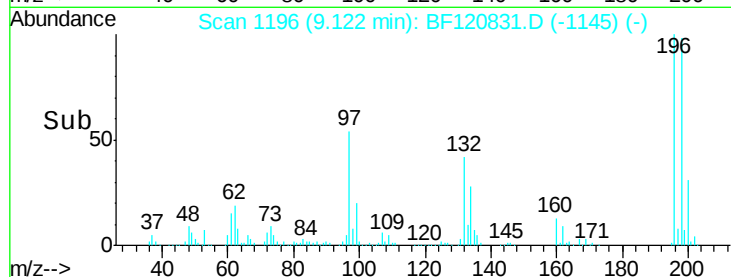
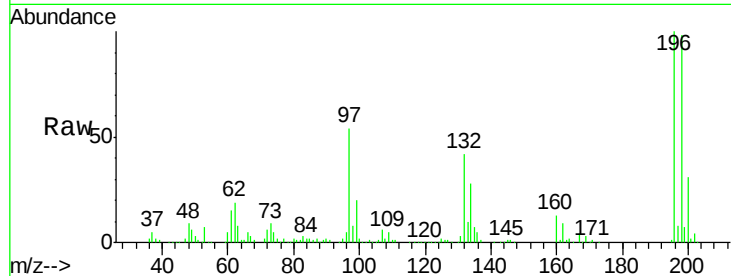
#43
 2,4,6-Trichlorophenol
 Concen: 46.561 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268934		
198	97.5	75.3	112.9	
200	30.8	24.4	36.6	

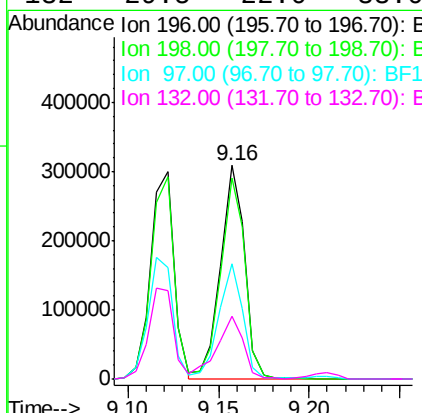
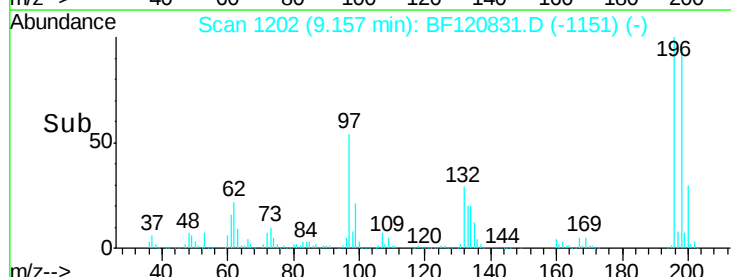
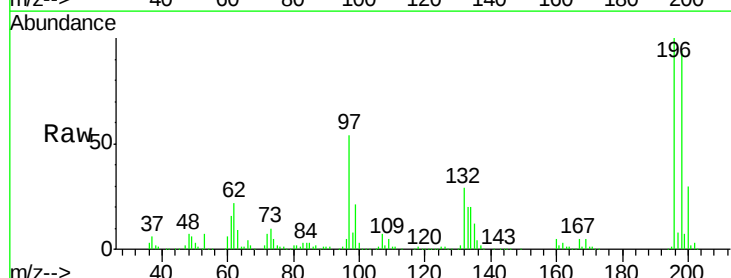
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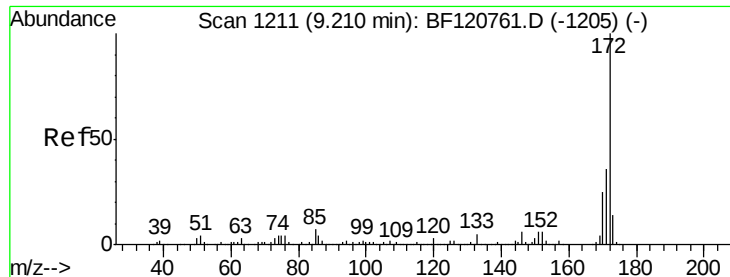
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.521 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285377		
198	94.4	76.2	114.2	
97	54.2	39.6	59.4	
132	29.5	22.0	33.0	





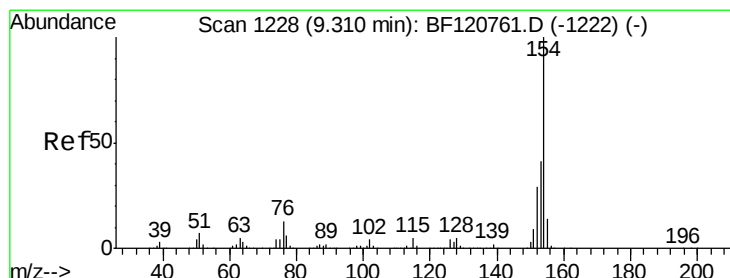
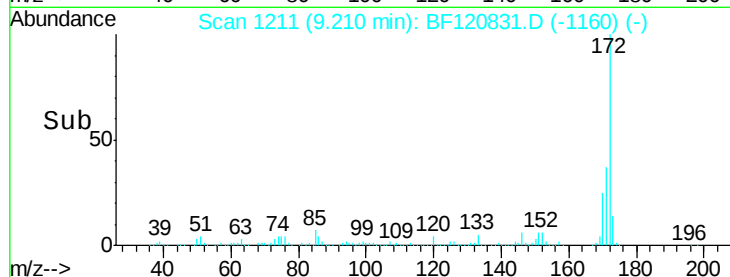
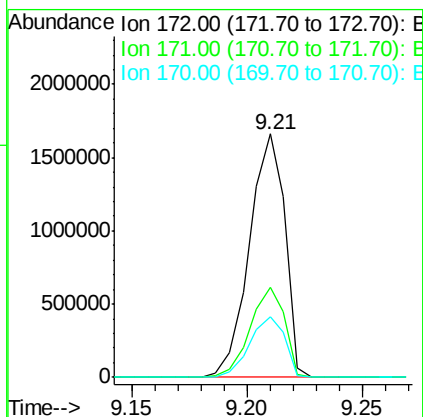
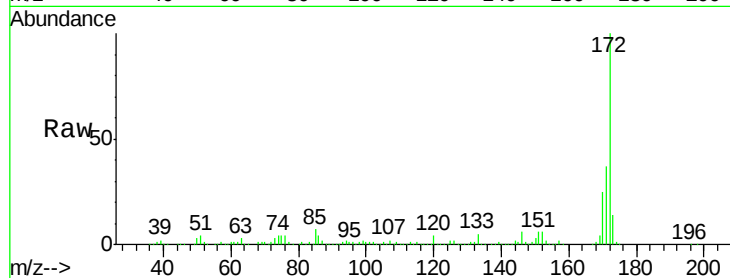
#45
2-Fluorobiphenyl
Concen: 95.997 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	24.7	19.8	29.6

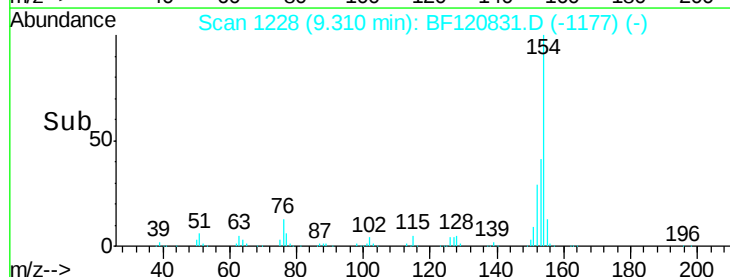
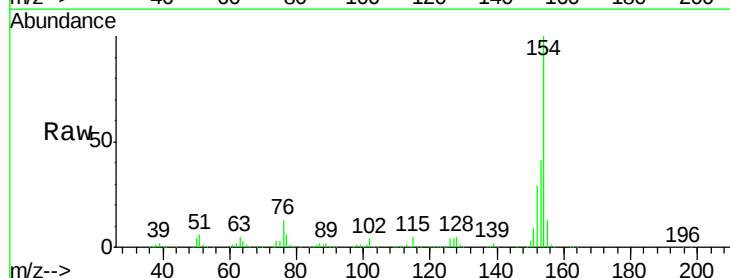
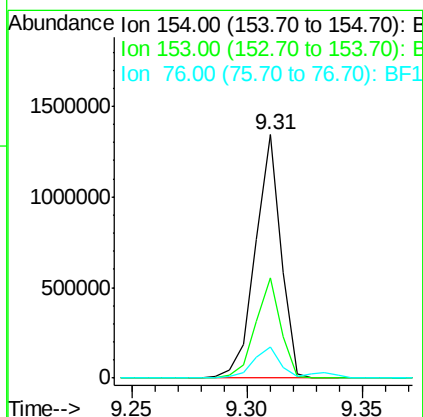
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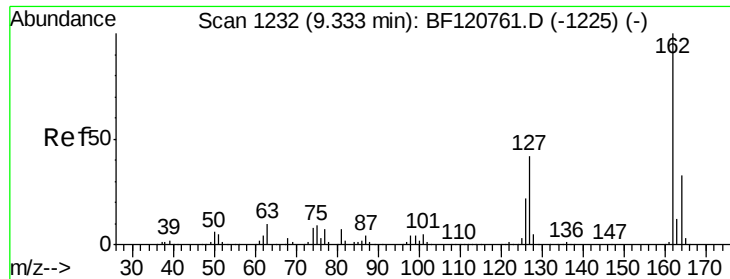
mohammad
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#46
1,1'-Biphenyl
Concen: 46.150 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.7	60.7
76	12.7	0.0	33.3





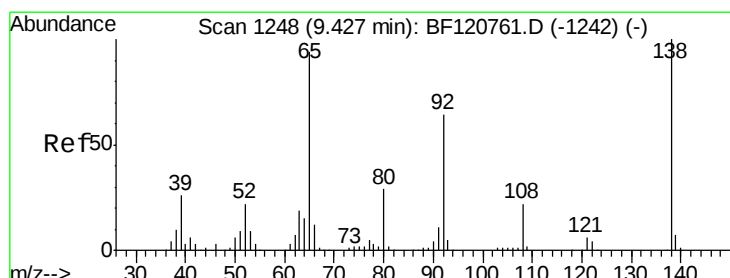
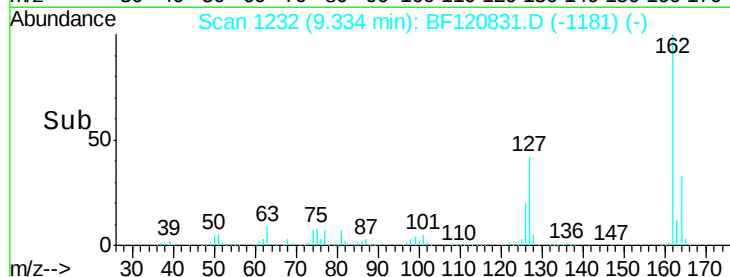
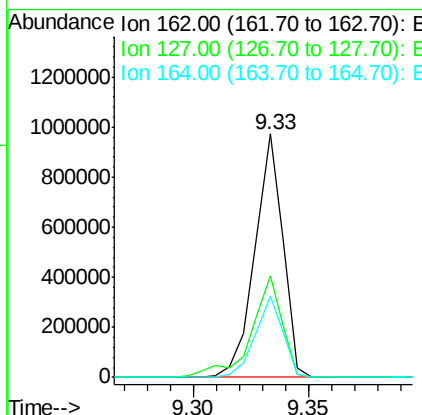
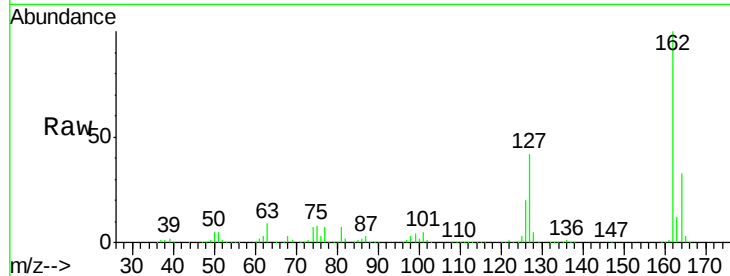
#47
 2-Chloronaphthalene
 Concen: 45.546 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.7	50.5
164	33.4	26.4	39.6

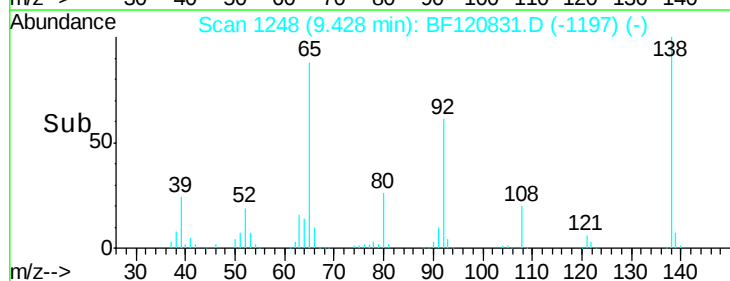
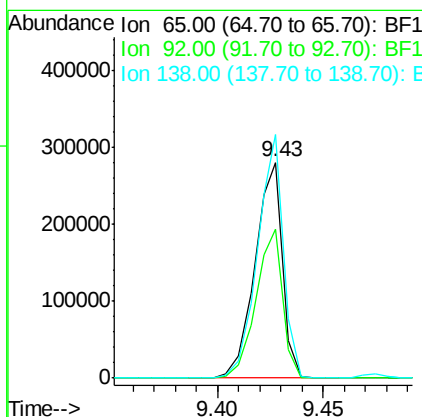
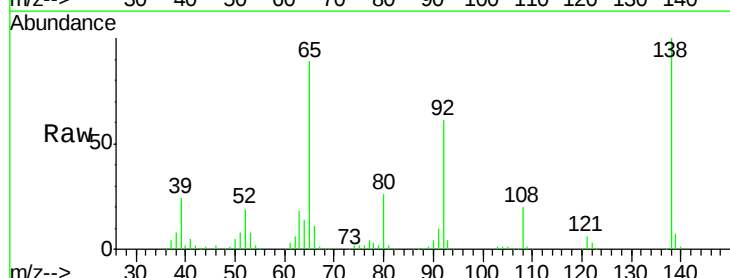
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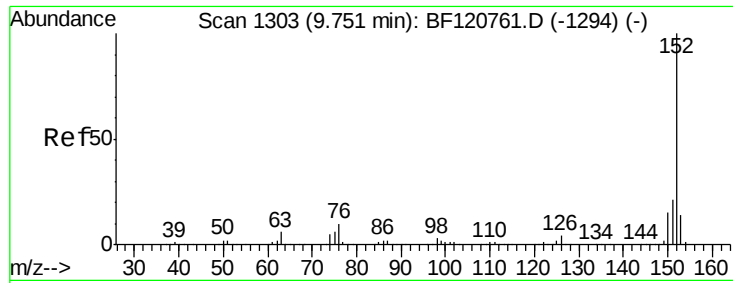
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#48
 2-Nitroaniline
 Concen: 46.746 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.4	81.6
138	112.7	84.7	127.1





#49

Acenaphthylene

Concen: 44.866 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:152 Resp: 1274879

Ion Ratio Lower Upper

152 100

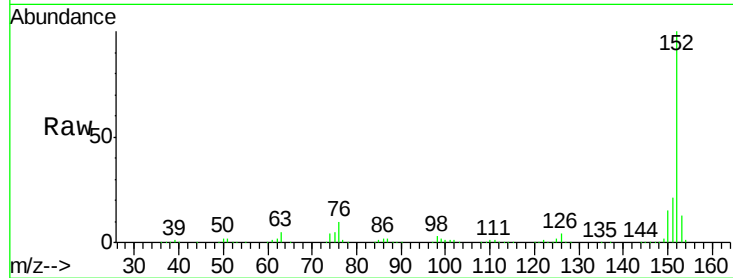
151 20.9 16.9 25.3

153 13.5 10.8 16.2

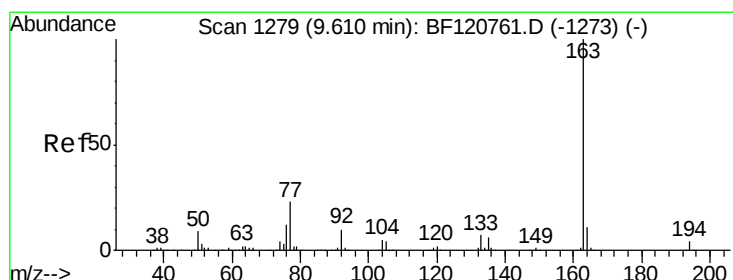
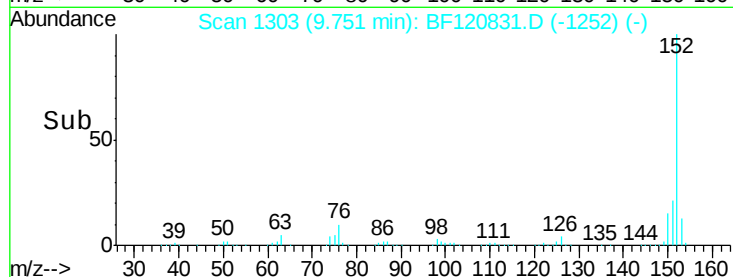
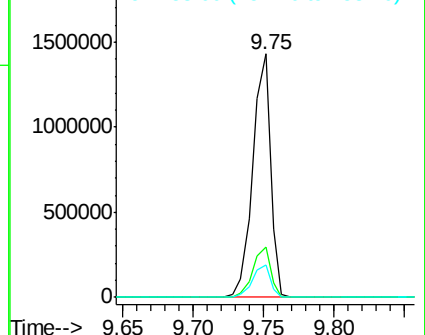
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.895 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

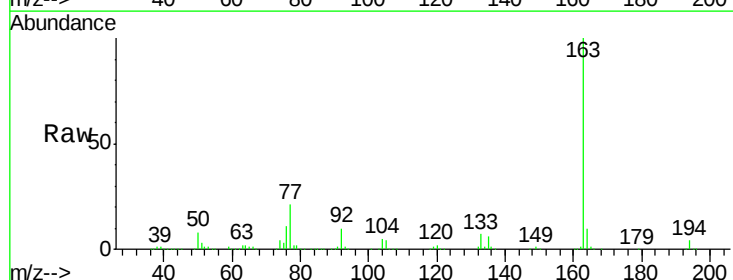
Tgt Ion:163 Resp: 918526

Ion Ratio Lower Upper

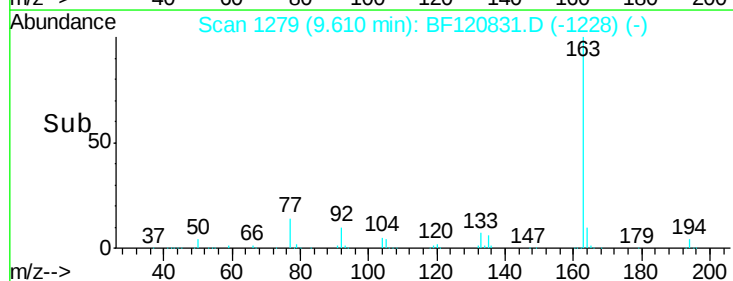
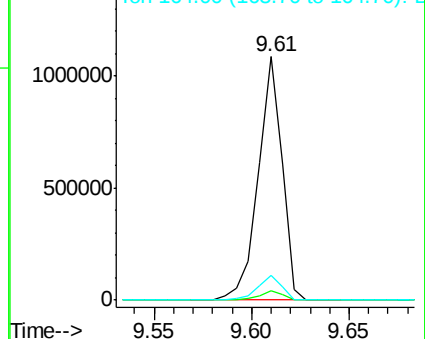
163 100

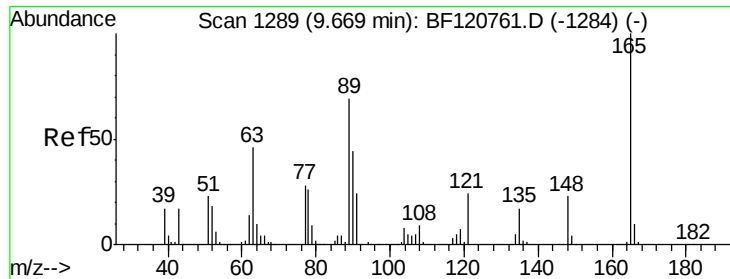
194 3.8 2.9 4.3

164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





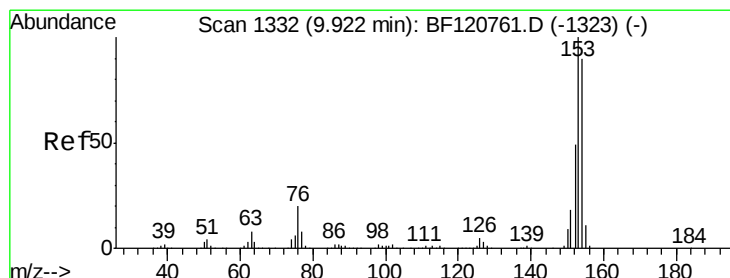
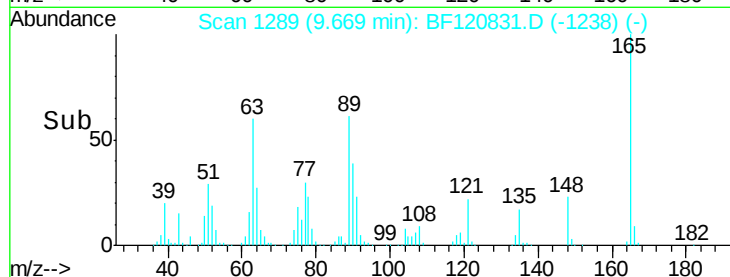
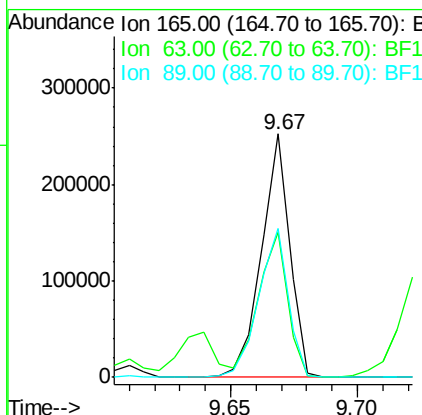
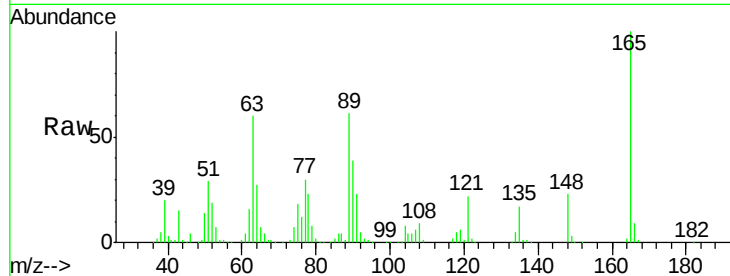
#51
2,6-Dinitrotoluene
Concen: 48.601 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	197740		
63	59.5	54.0	81.0	
89	61.1	55.4	83.2	

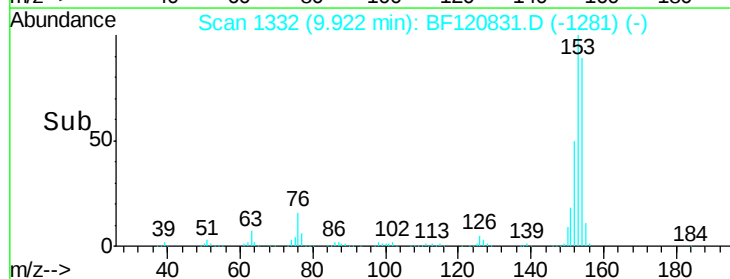
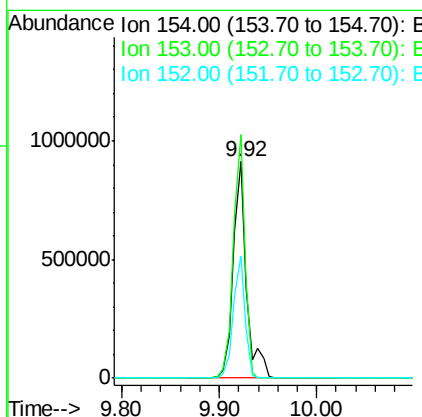
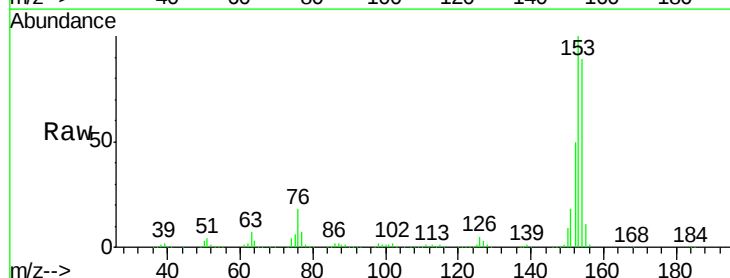
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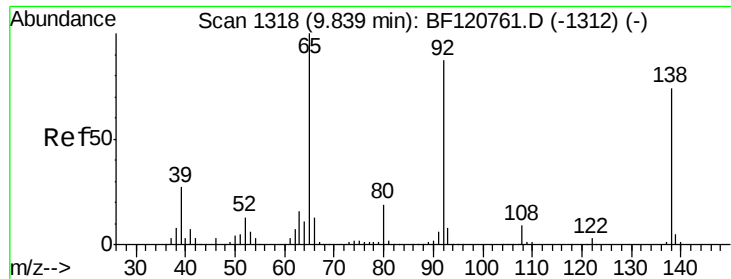
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#52
Acenaphthene
Concen: 48.836 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	860882		
153	112.5	88.6	132.8	
152	56.5	43.6	65.4	





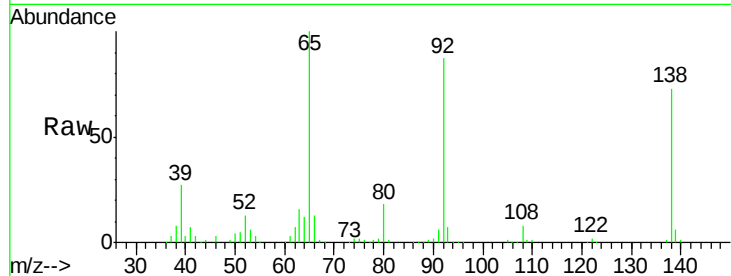
#53
3-Nitroaniline
Concen: 28.473 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	118.5	93.4	140.2

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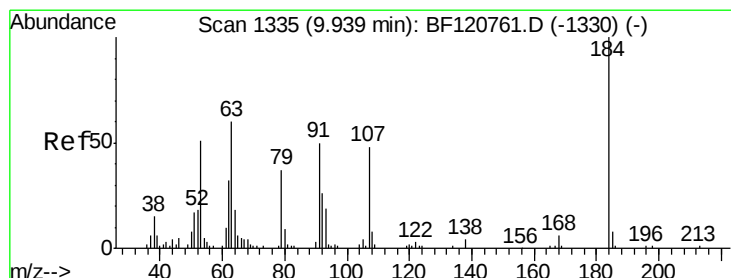
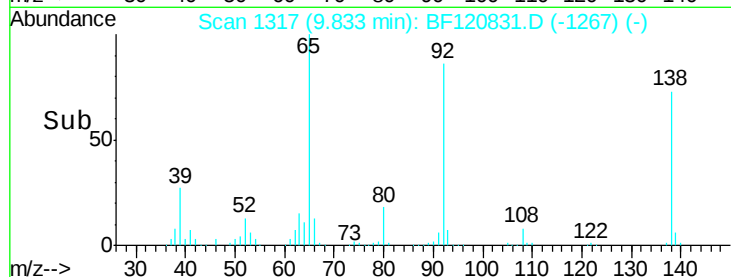
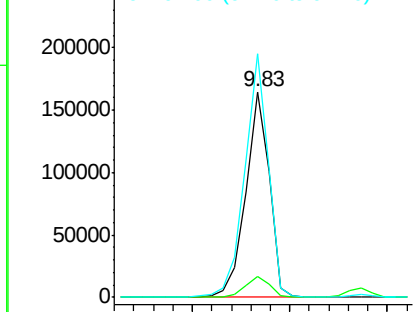


Abundance

Ion 138.00 (137.70 to 138.70): E

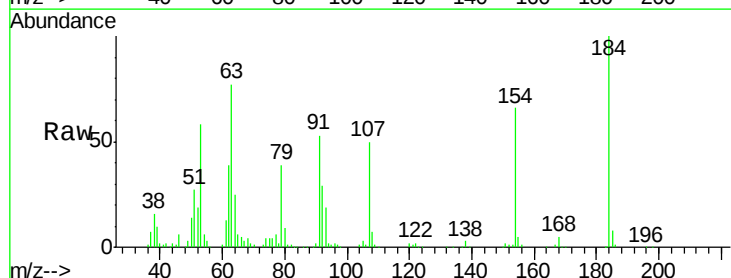
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 97.802 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	57.3	85.9
154	66.2	55.8	83.6

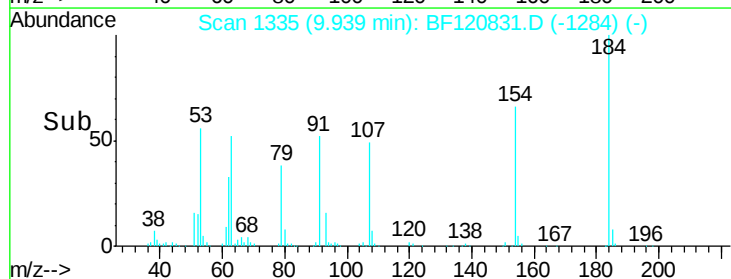
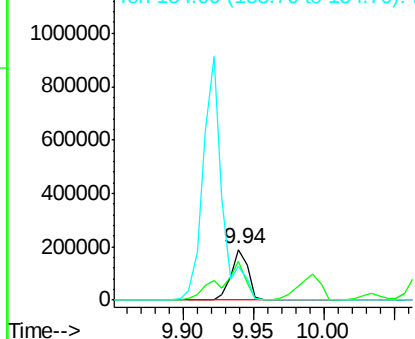


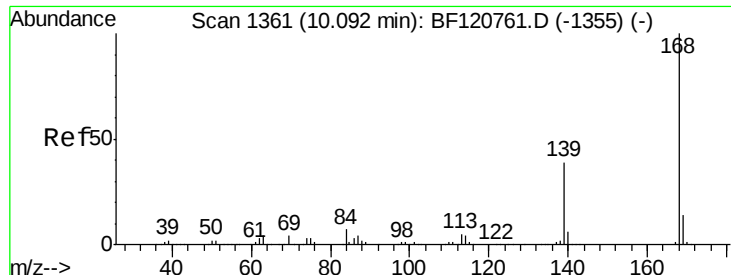
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





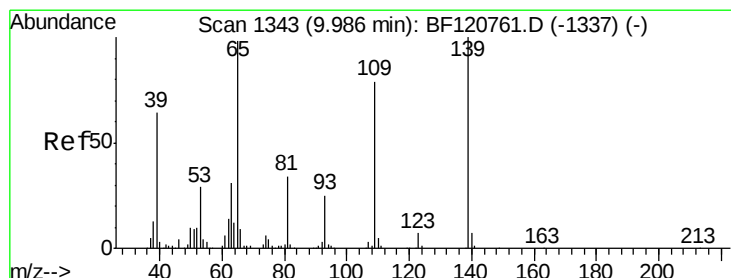
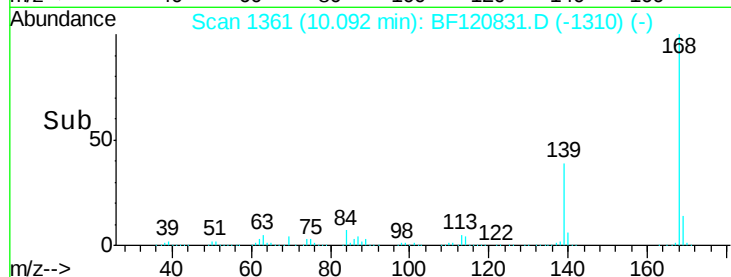
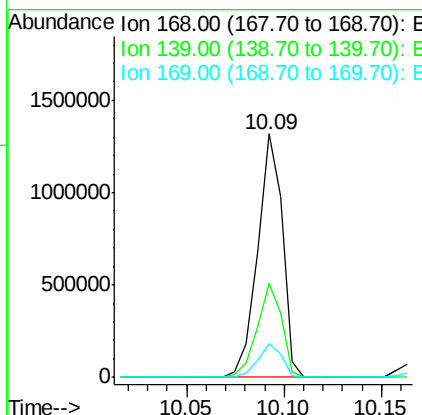
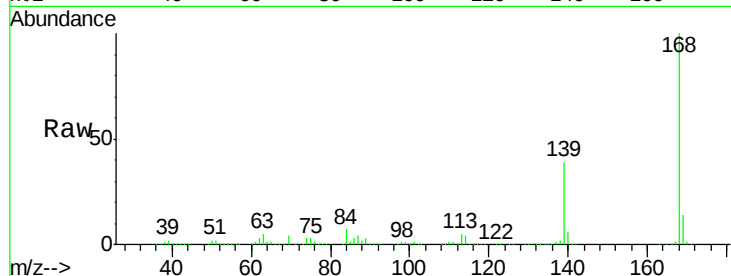
#55
Dibenzofuran
Concen: 45.428 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	31.3	46.9
169	14.0	11.2	16.8

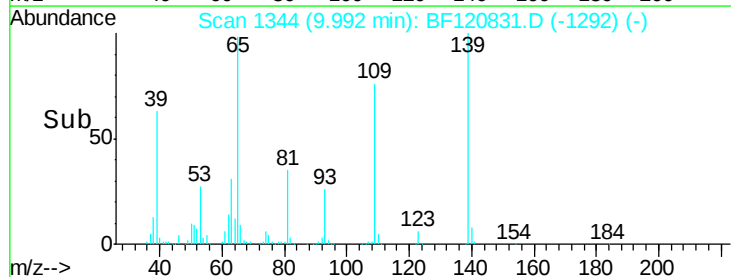
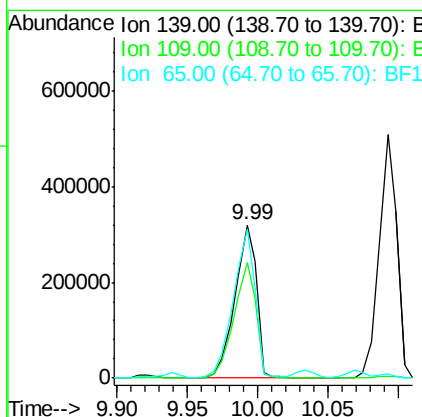
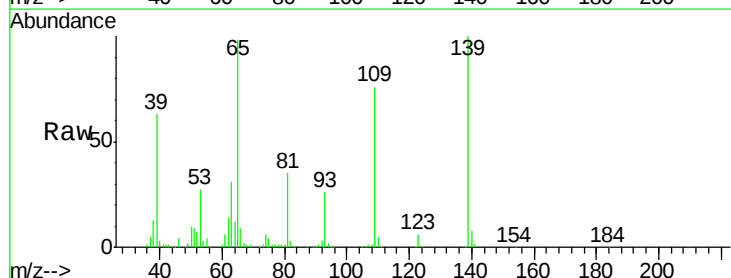
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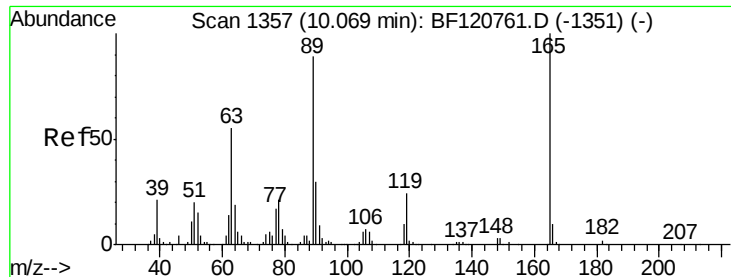
mohammad
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#56
4-Nitrophenol
Concen: 91.205 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	58.6	98.6
65	97.6	78.7	118.7





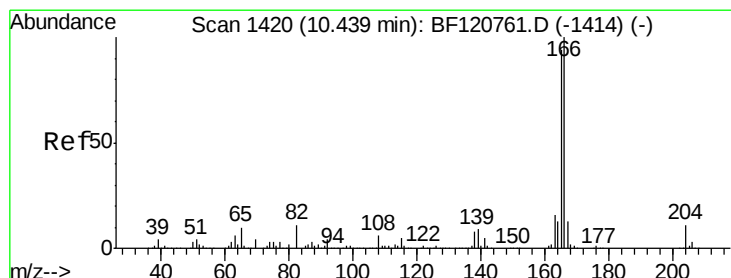
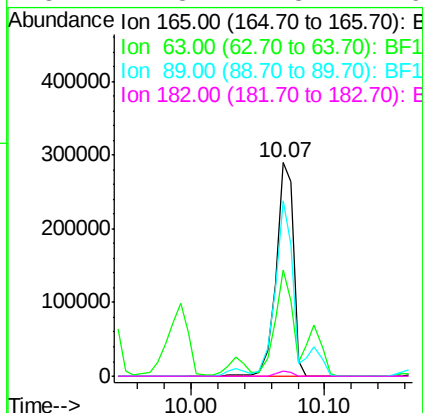
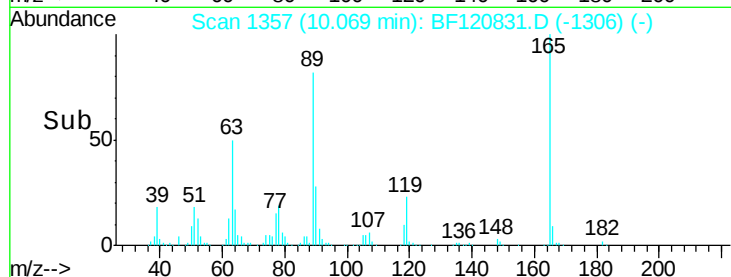
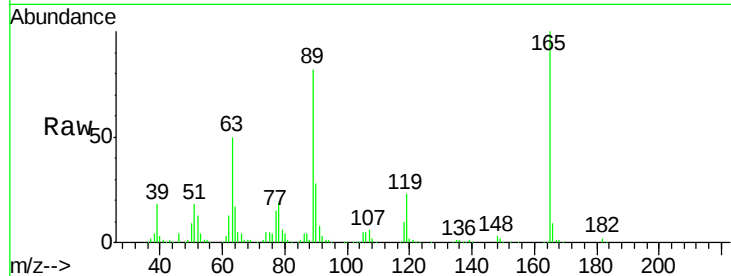
#57
2,4-Dinitrotoluene
Concen: 51.909 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	264268		
63	50.0	43.8	65.8	
89	81.9	71.4	107.2	
182	2.3	1.8	2.6	

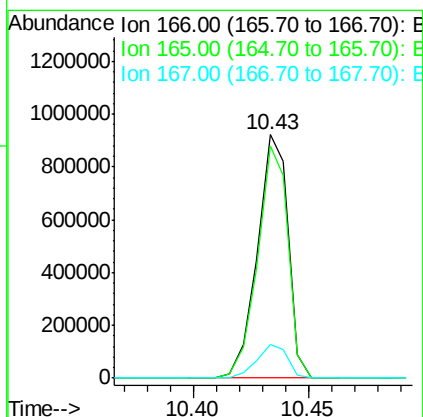
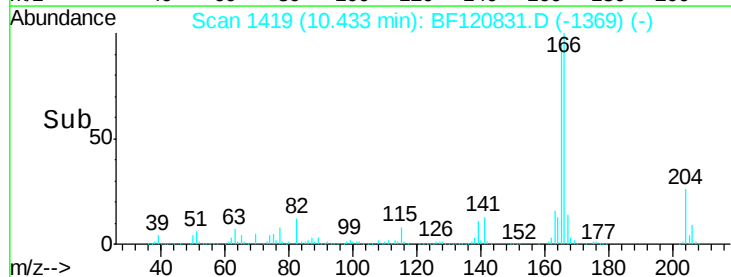
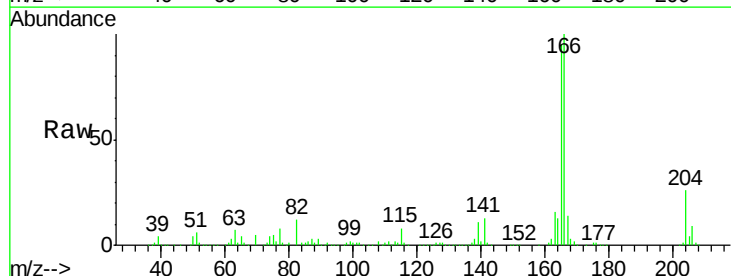
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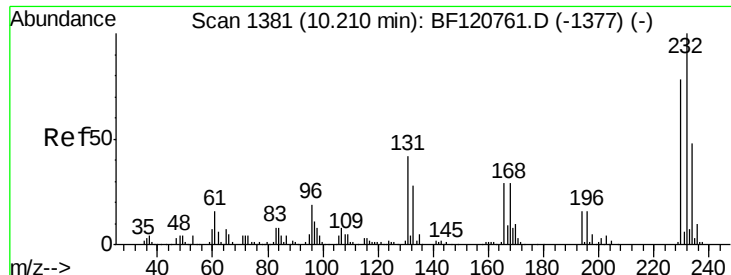
mohammad
7/13/2020 1:04:41 PM



#58
Fluorene
Concen: 45.217 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	855197		
165	95.2	75.5	113.3	
167	13.9	10.6	16.0	





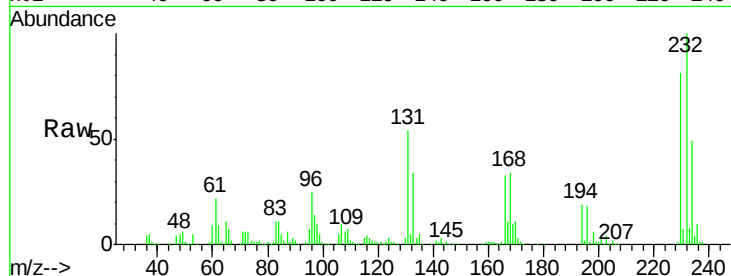
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.603 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

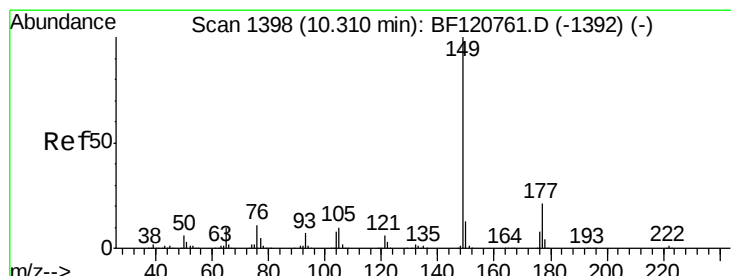
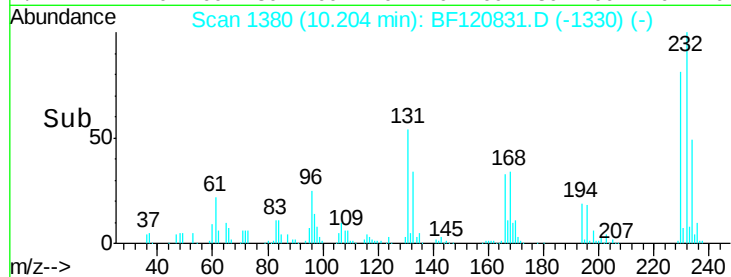
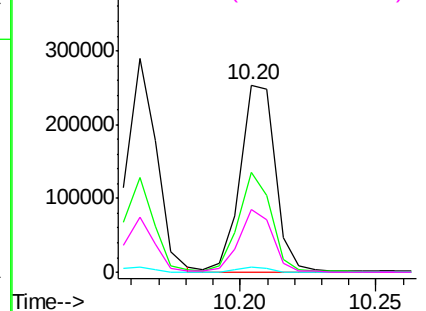
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		231836		
131	43.7	36.3	54.5		
130	2.6	2.0	3.0		
166	24.9	20.9	31.3		

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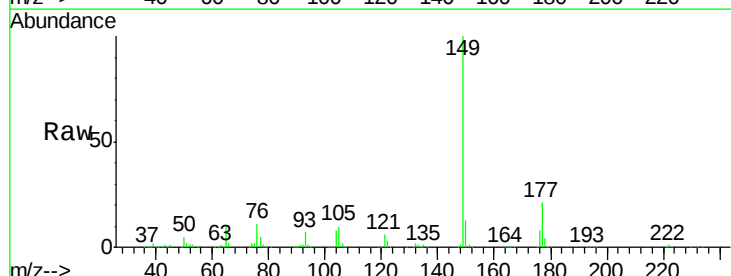


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

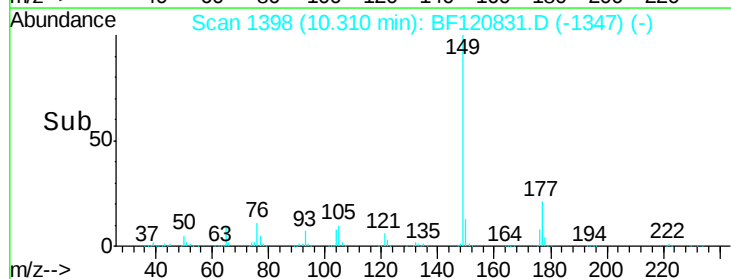
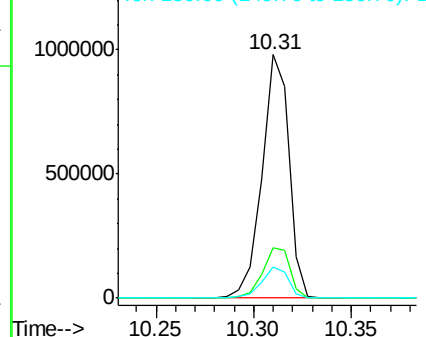


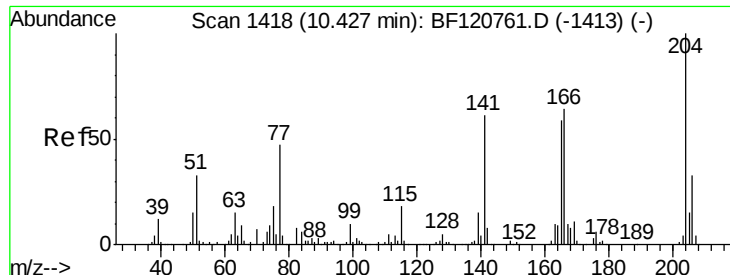
#60
Diethylphthalate
Concen: 43.898 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		935597		
177	20.8	16.4	24.6		
150	12.8	10.2	15.4		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





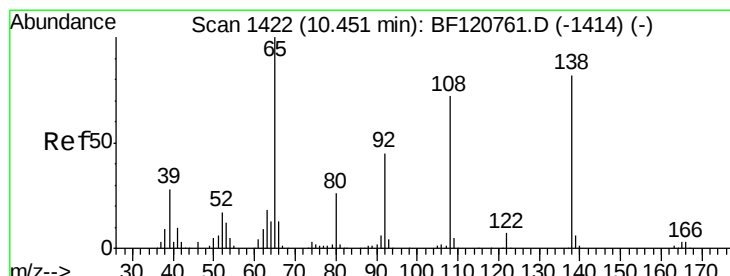
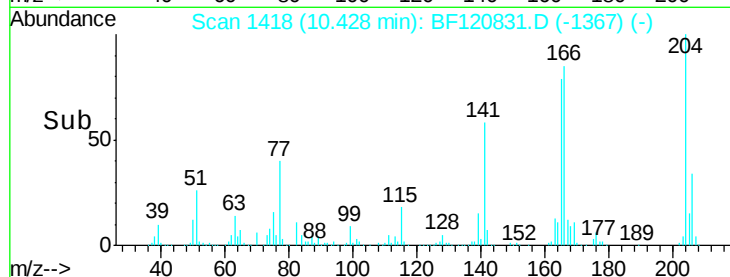
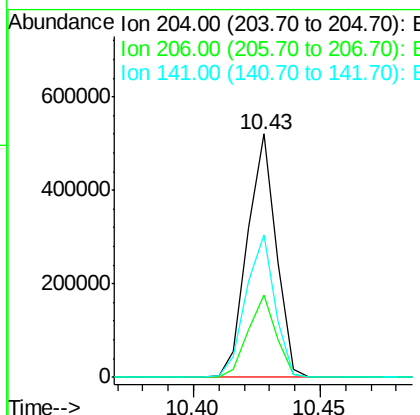
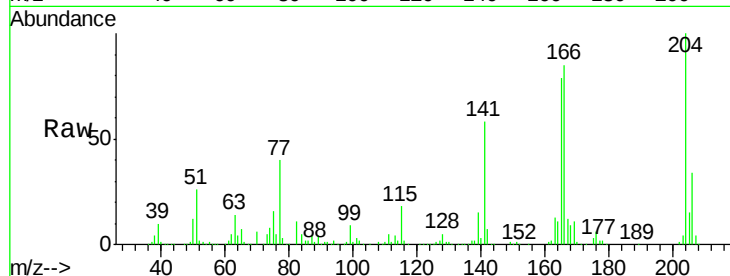
#61
4-Chlorophenyl-phenylether
Concen: 43.201 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.7	40.1
141	58.3	48.5	72.7

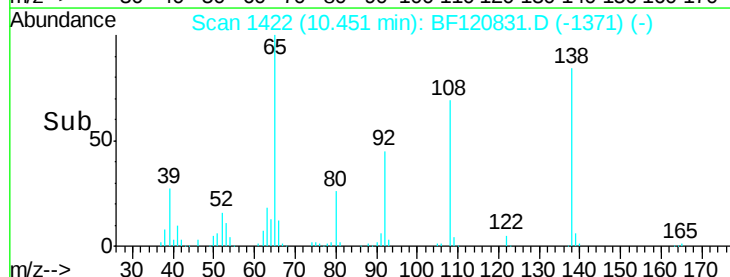
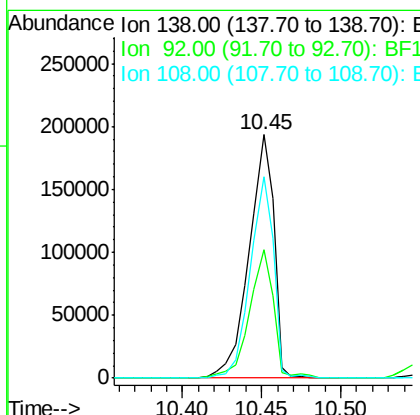
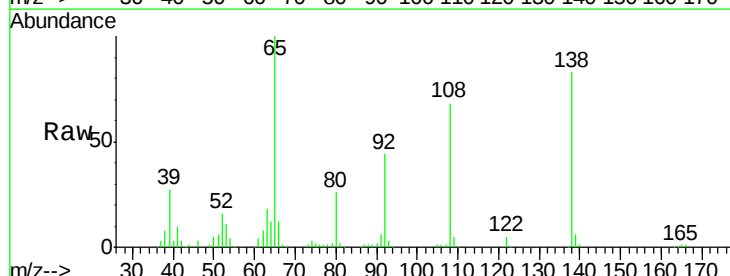
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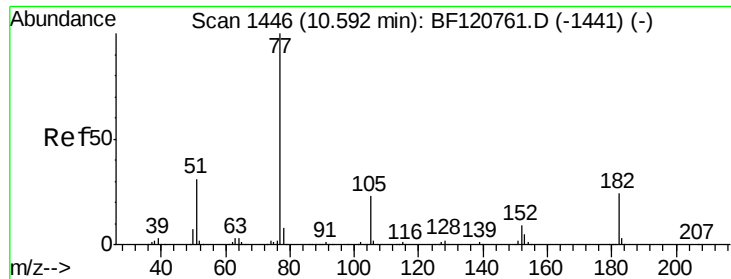
mohammad
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#62
4-Nitroaniline
Concen: 48.383 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.0	34.3	74.3
108	82.5	68.3	108.3





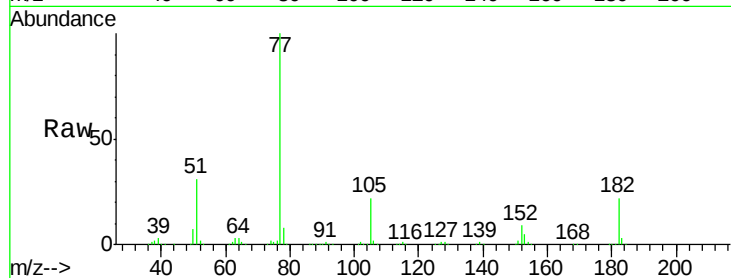
#63
Azobenzene
Concen: 44.089 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

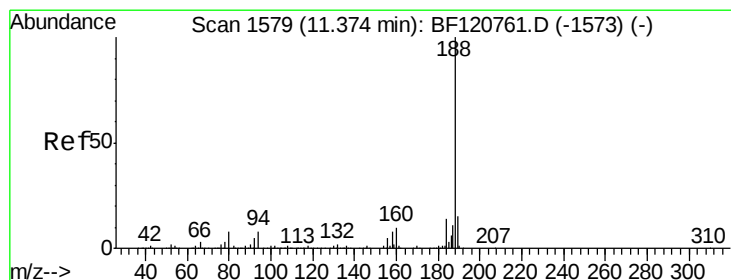
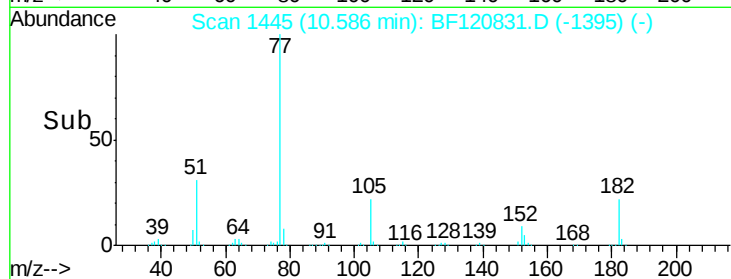
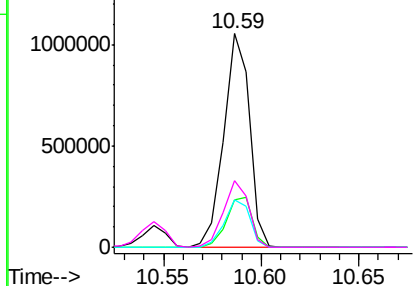
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.3	4.0	44.0		
105	22.3	2.6	42.6		
51	31.4	11.5	51.5		

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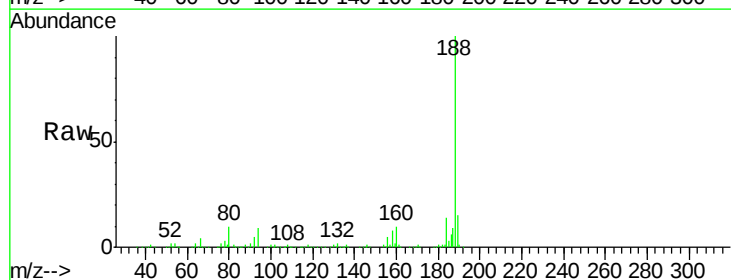


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

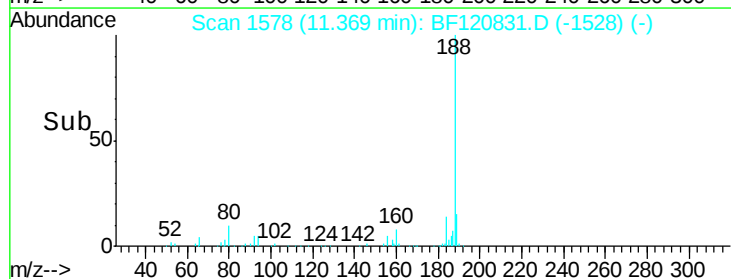
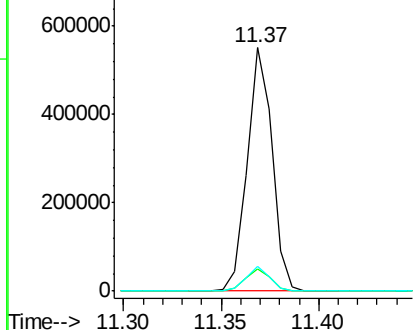


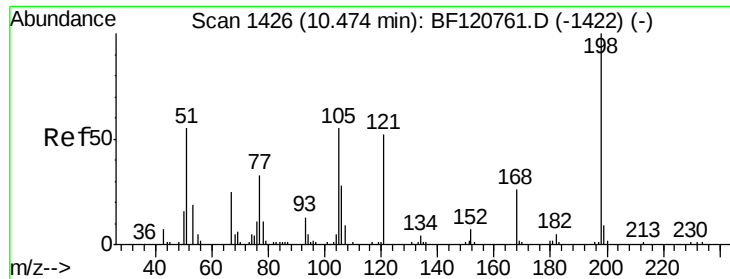
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.3	6.6	9.8		
80	10.4	6.6	10.0		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





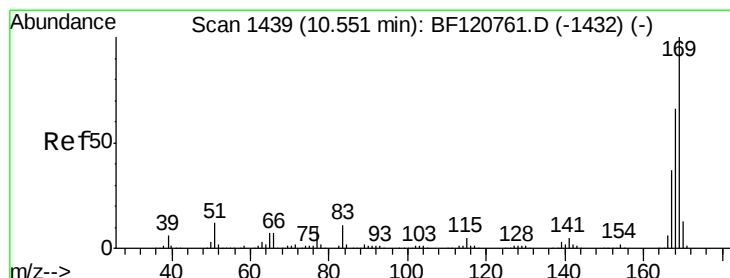
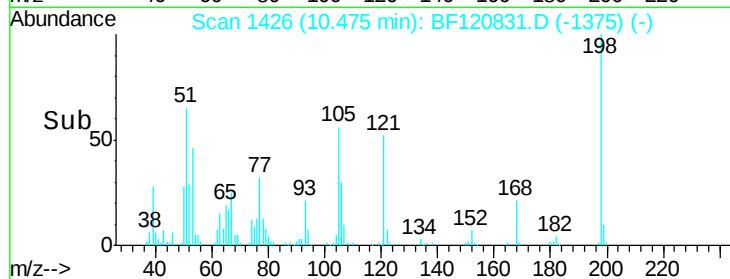
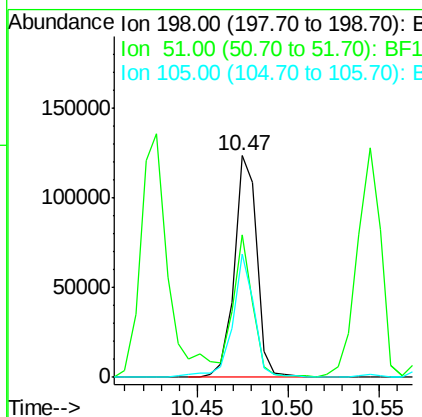
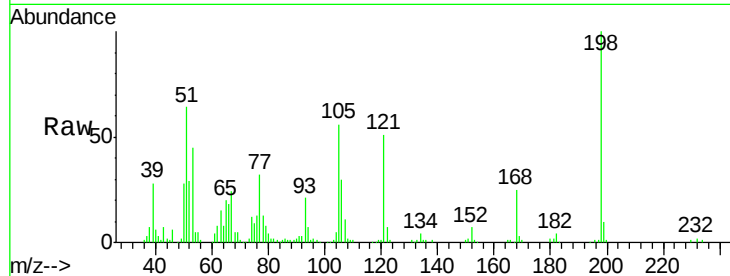
#65
4,6-Dinitro-2-methylphenol
Concen: 51.801 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107102		
51	64.1	50.0	90.0	
105	55.7	38.3	78.3	

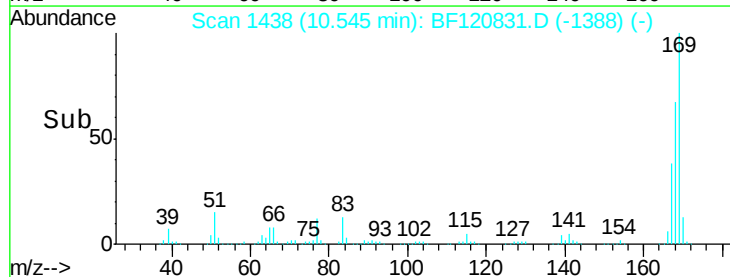
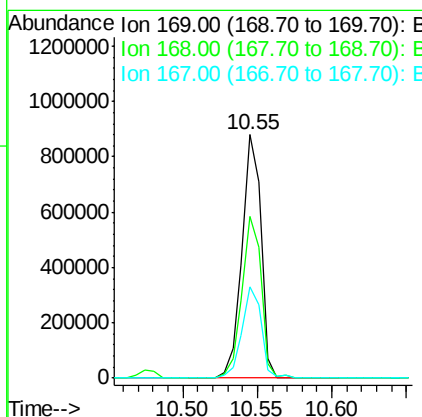
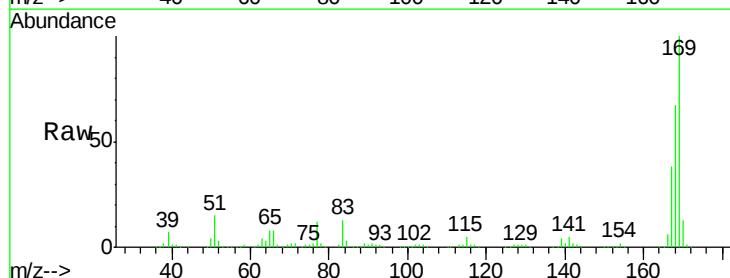
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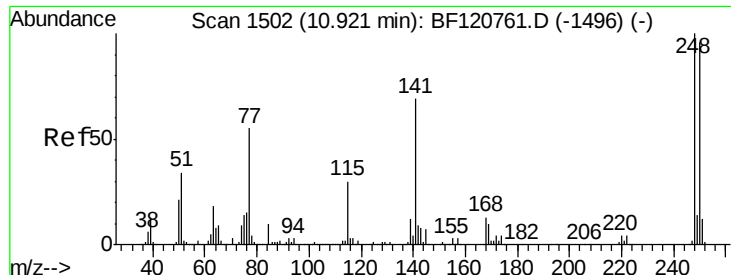
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 47.940 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	780250		
168	66.5	53.1	79.7	
167	37.7	29.6	44.4	





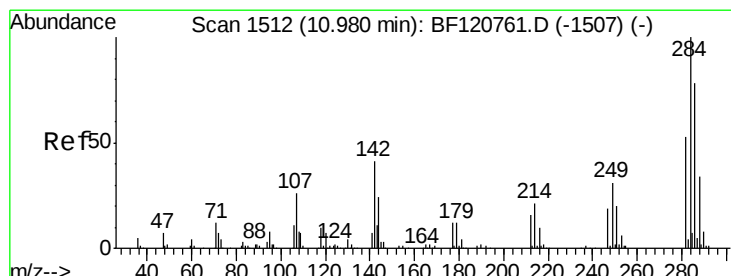
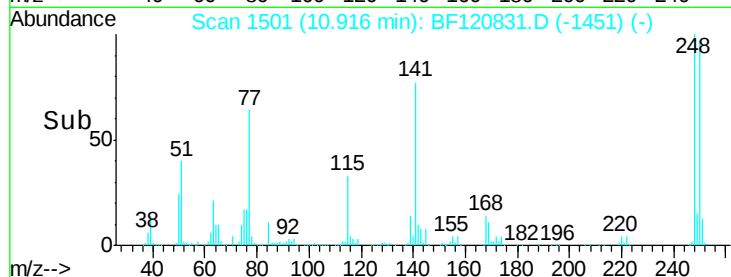
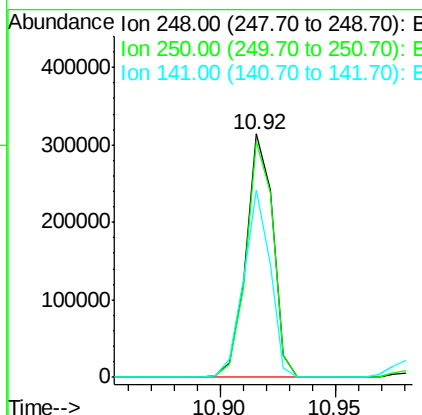
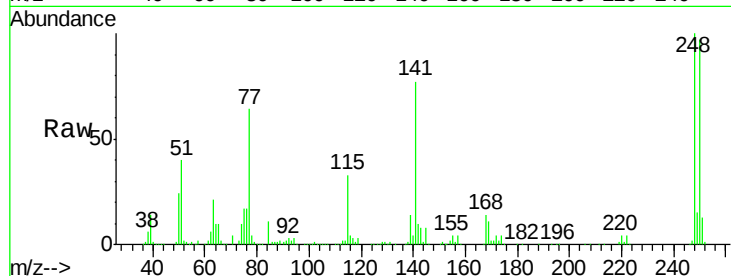
#67
 4-Bromophenyl-phenylether
 Concen: 45.686 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.5	114.7
141	76.7	54.9	82.3

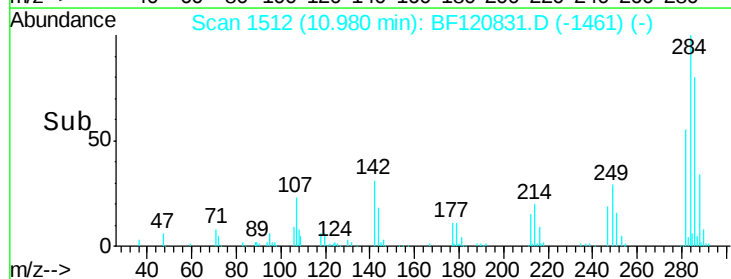
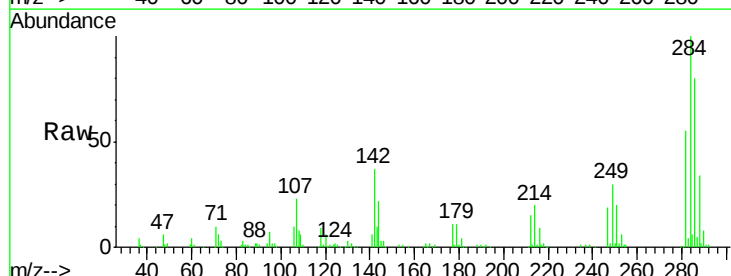
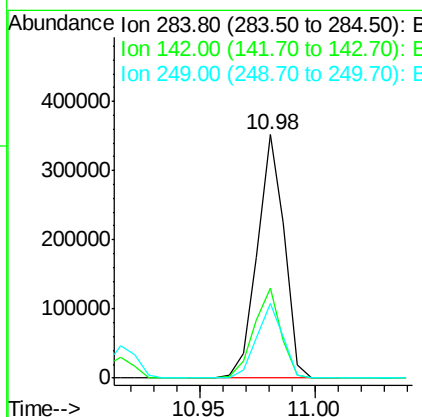
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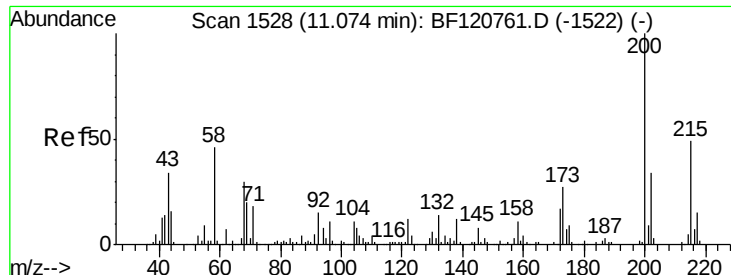
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#68
 Hexachlorobenzene
 Concen: 48.410 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	32.5	48.7
249	30.5	24.8	37.2





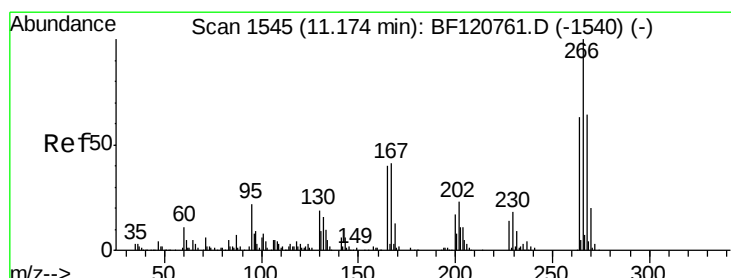
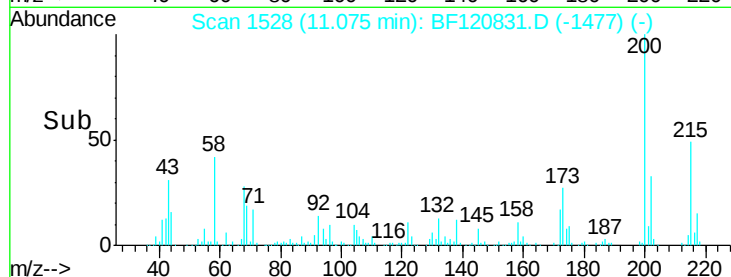
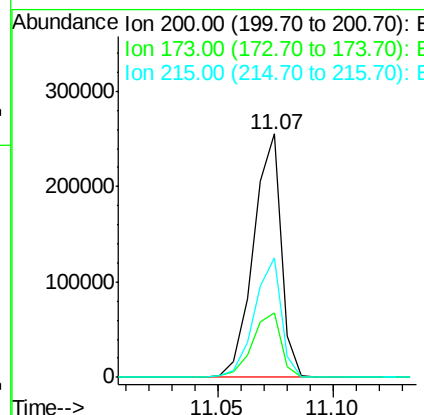
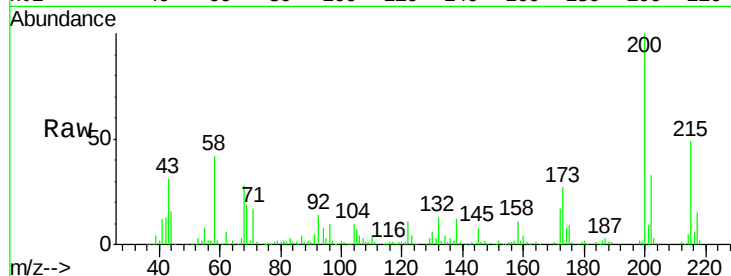
#69
 Atrazine
 Concen: 51.033 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.4	47.4
215	49.0	28.8	68.8

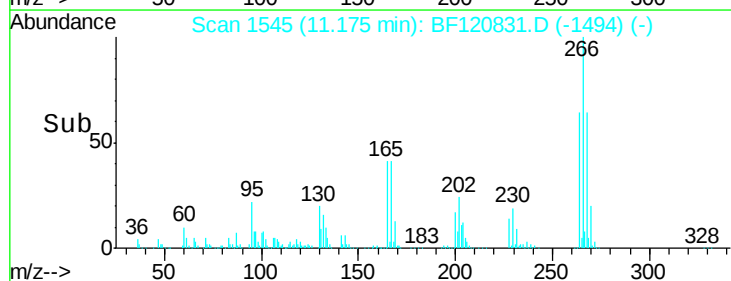
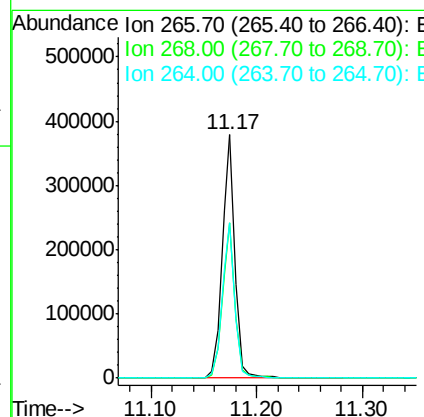
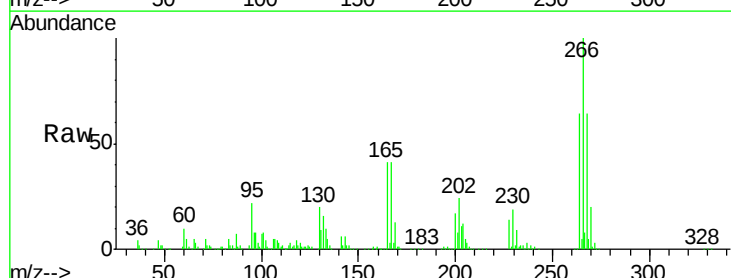
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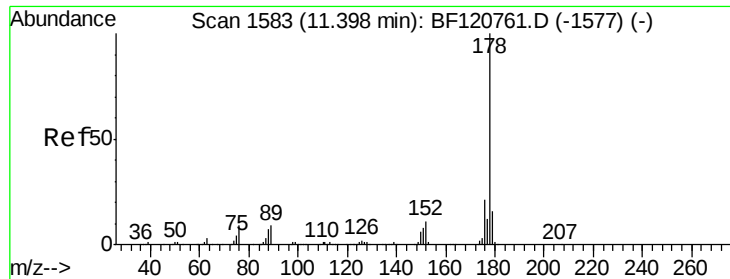
mohammad
 7/13/2020 1:04:41 PM



#70
 Pentachlorophenol
 Concen: 96.958 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.2
264	63.9	50.6	75.8





#71

Phenanthrene

Concen: 45.375 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:178 Resp: 1195503

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

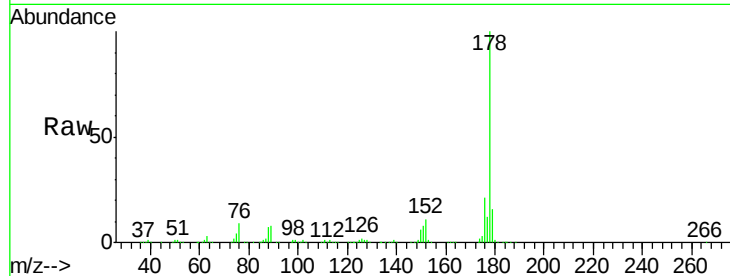
179 15.9 12.9 19.3

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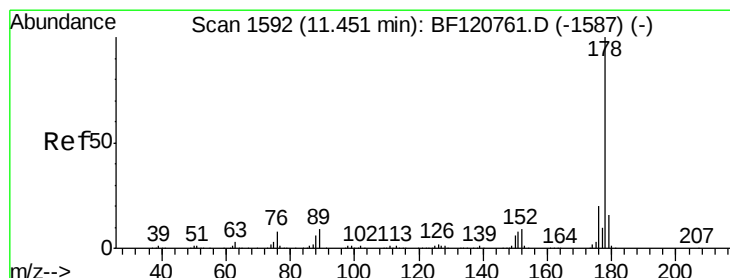
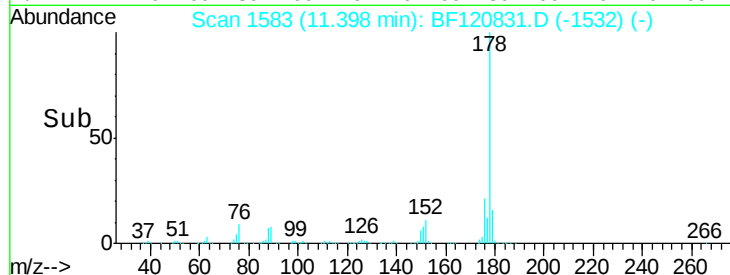
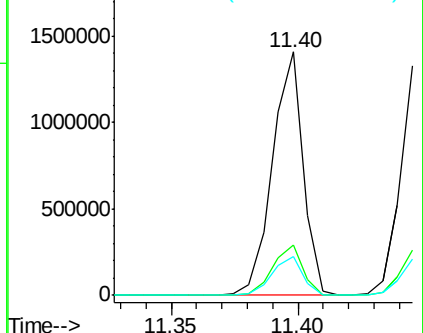
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.385 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:178 Resp: 1234951

Ion Ratio Lower Upper

178 100

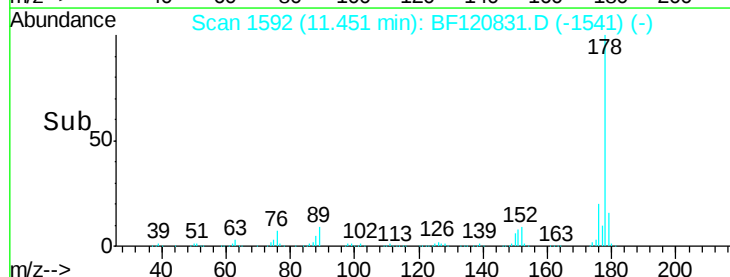
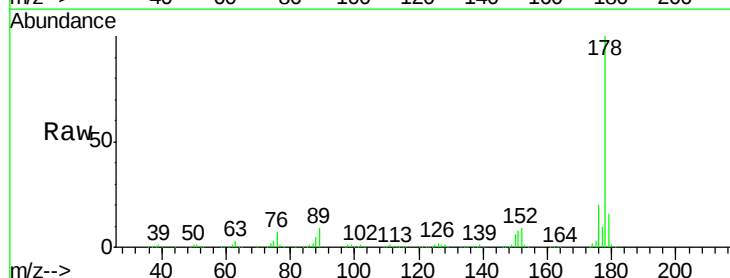
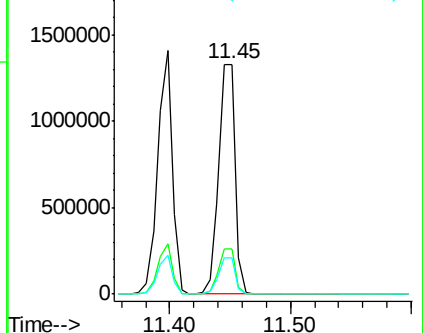
176 19.9 16.2 24.2

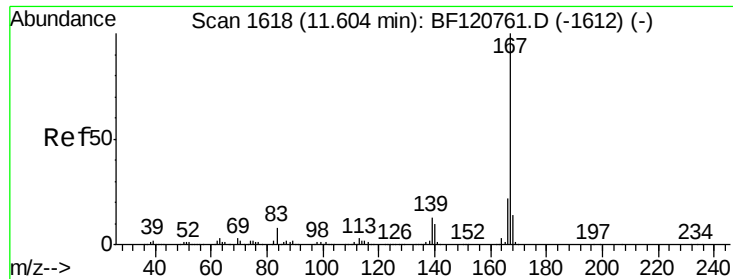
179 15.9 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.869 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:167 Resp: 1122366

Ion Ratio Lower Upper

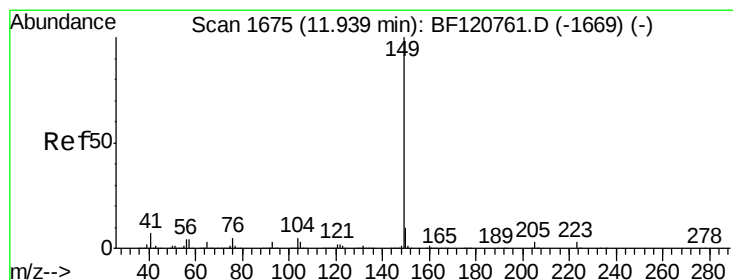
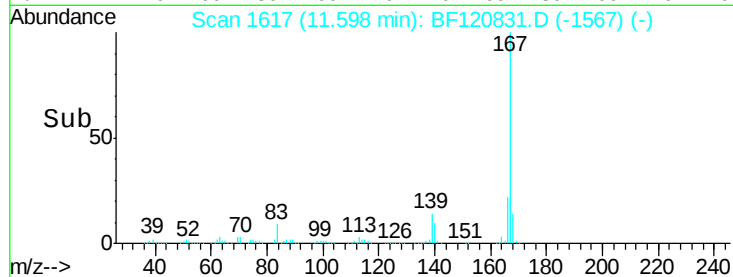
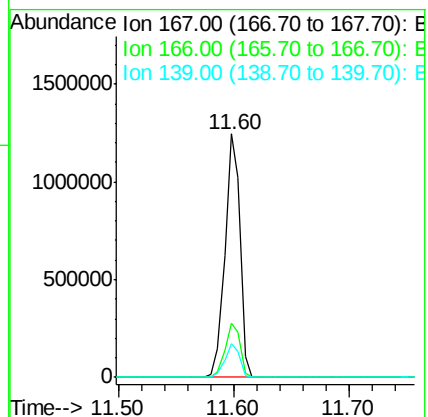
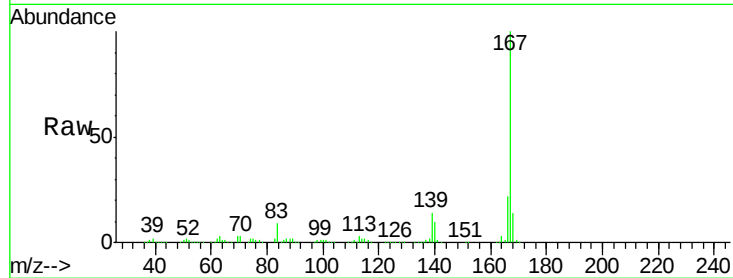
167 100

166 22.4 17.8 26.8

139 13.8 10.7 16.1

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#74

Di-n-butylphthalate

Concen: 43.402 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

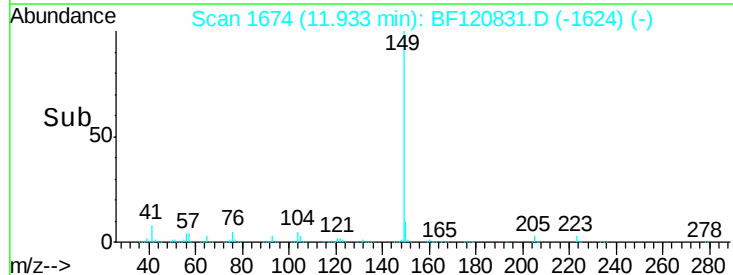
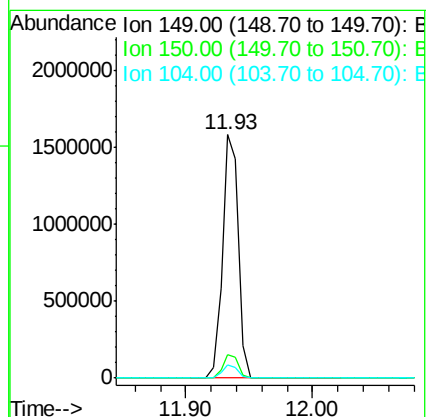
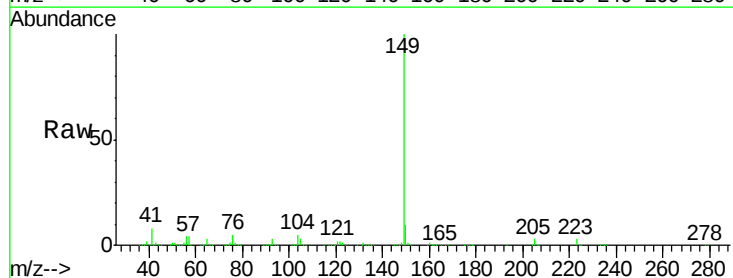
Tgt Ion:149 Resp: 1374783

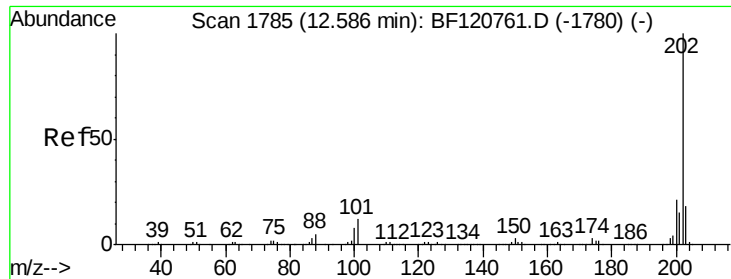
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 5.4 4.0 6.0





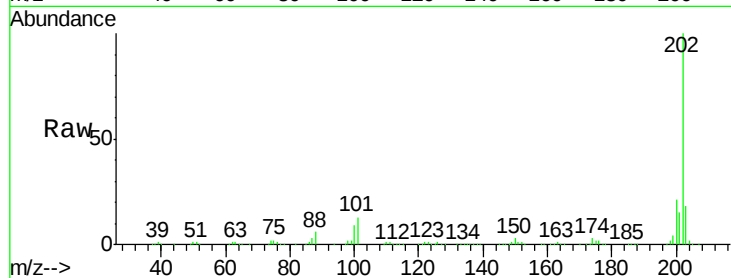
#75
Fluoranthene
Concen: 44.617 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1252255		
101	12.6		0.0	31.6
203	18.1		0.0	38.2

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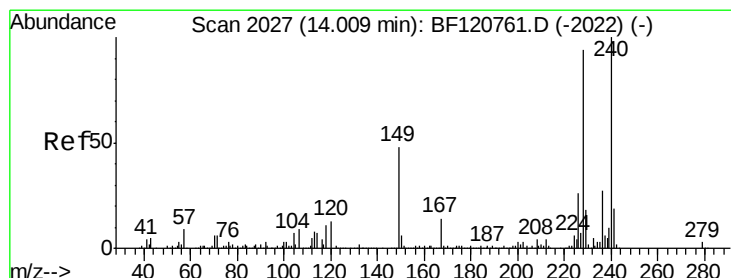
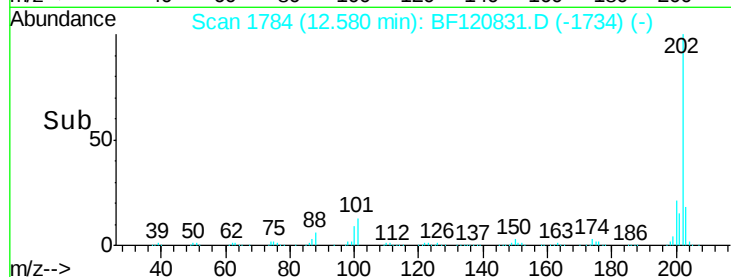
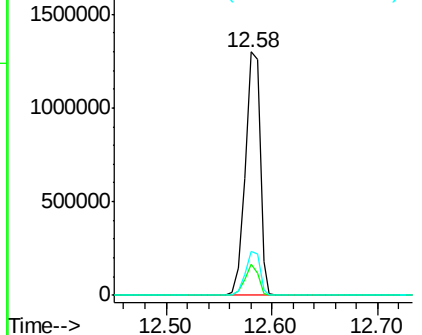


Abundance

Ion 202.00 (201.70 to 202.70): E

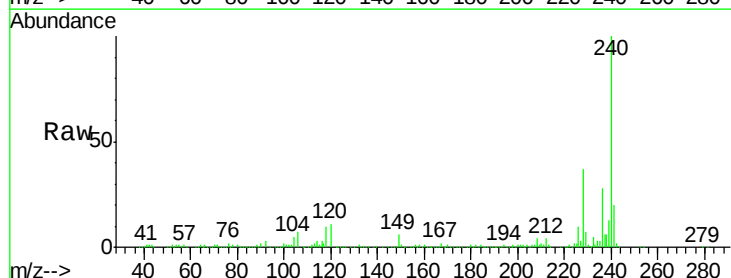
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	328635		
120	10.9		10.3	15.5
236	27.9		21.4	32.2

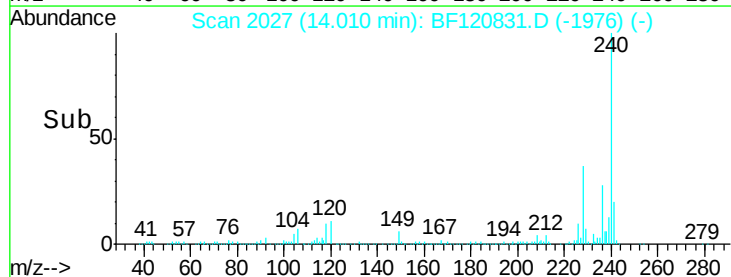
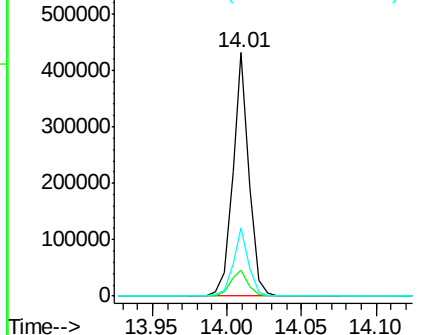


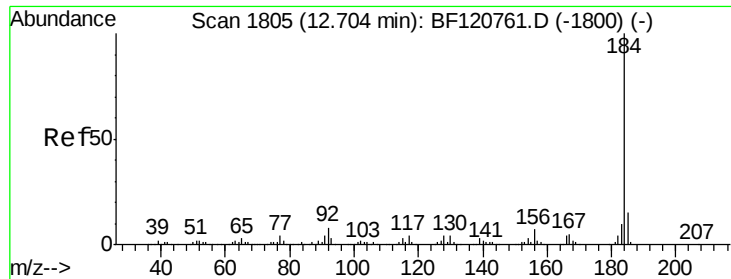
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.697 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

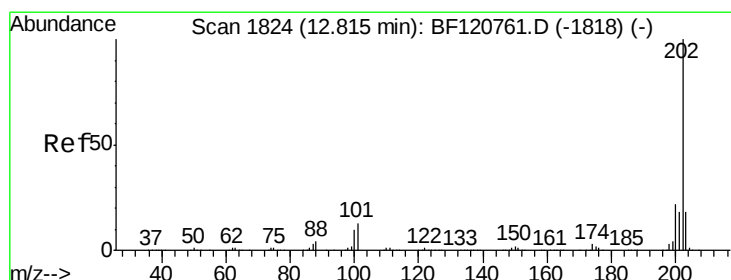
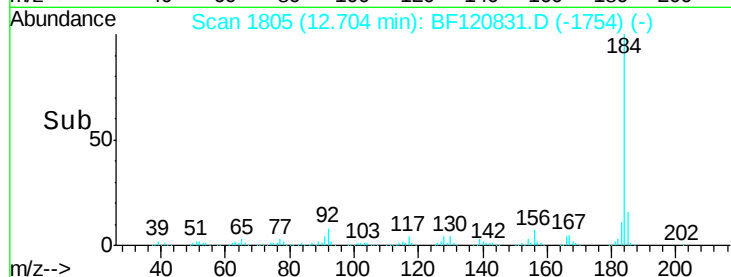
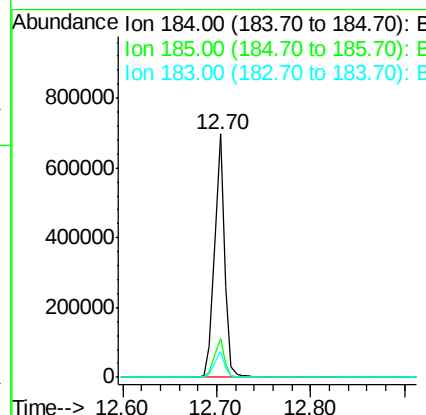
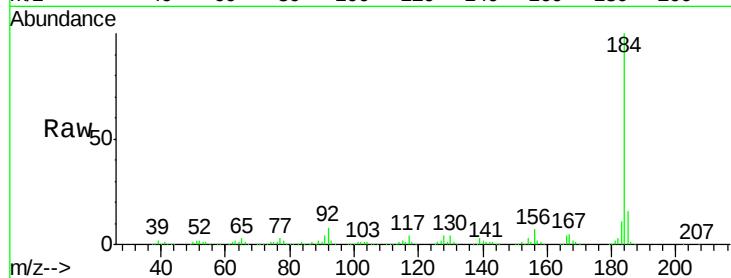
ClientSampleId :

PB130117BS

Tot Ion:	184	Resp:	544476
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.8	17.8
183	10.8	8.3	12.5

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#78

Pyrene

Concen: 47.957 ng

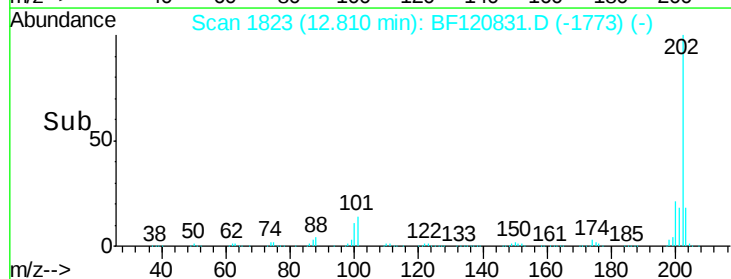
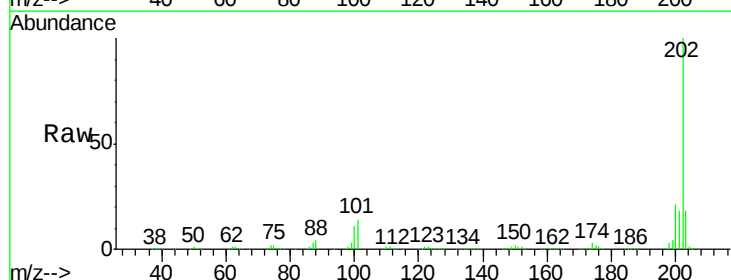
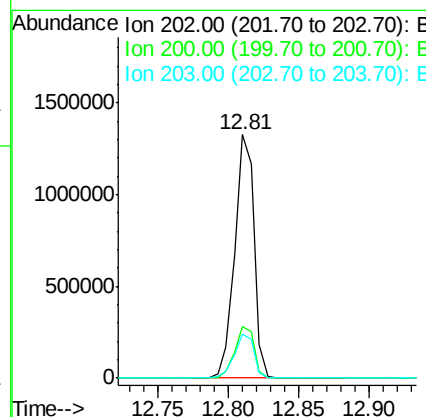
RT: 12.81 min Scan# 1823

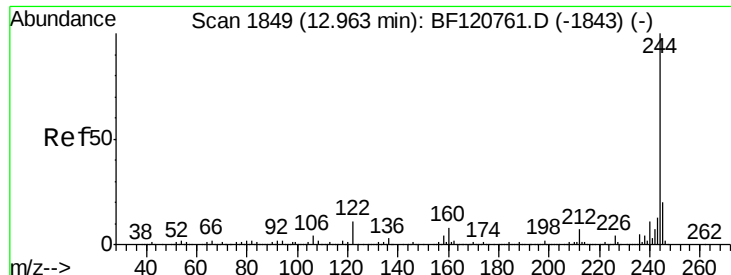
Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:	202	Resp:	1258701
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.3	25.9
203	18.1	14.6	22.0





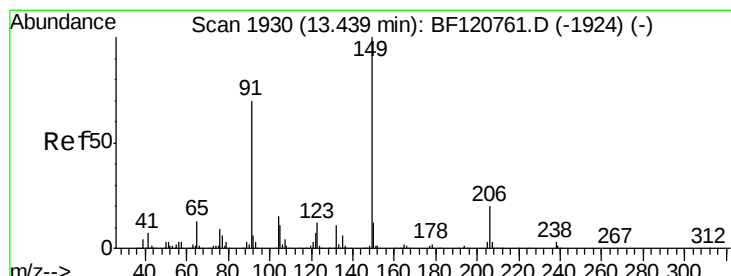
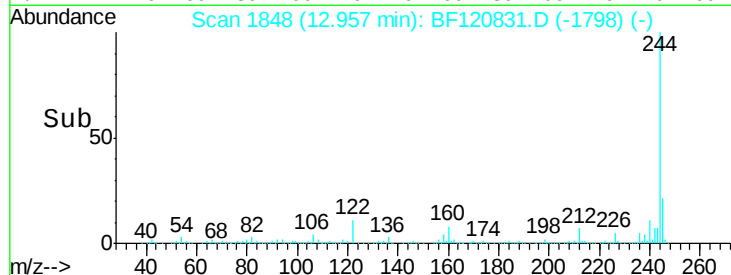
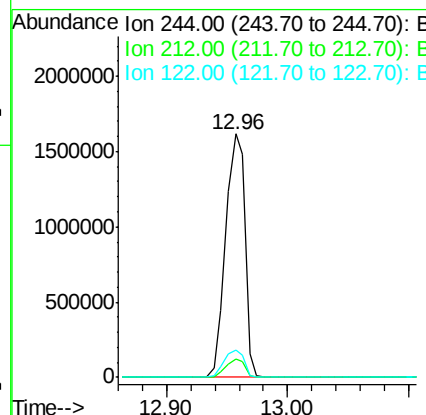
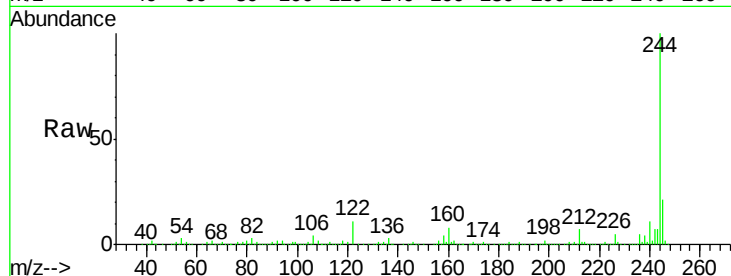
#79
 Terphenyl-d14
 Concen: 105.561 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.0	9.0	13.4

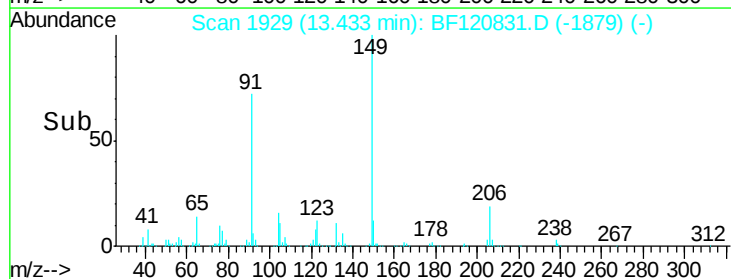
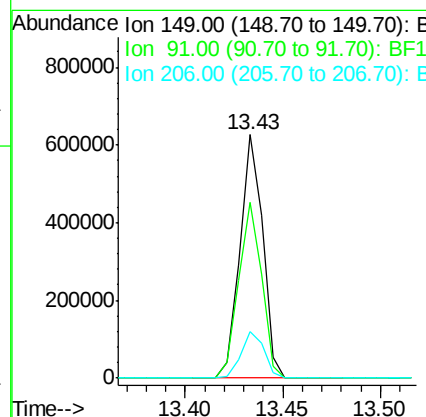
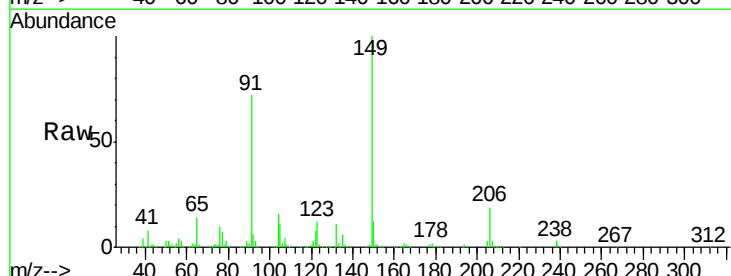
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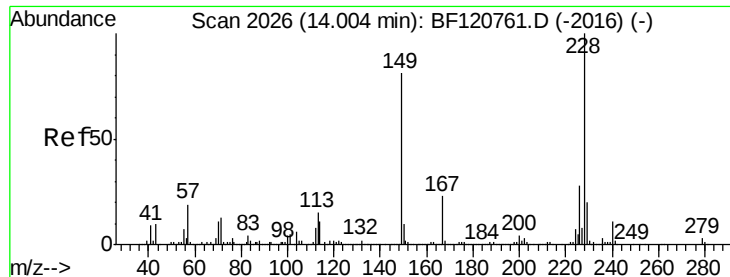
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#80
 Butylbenzylphthalate
 Concen: 44.849 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	55.8	83.8
206	19.3	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.079 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

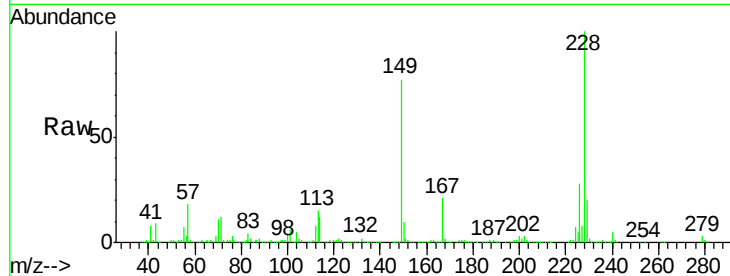
ClientSampleId :

PB130117BS

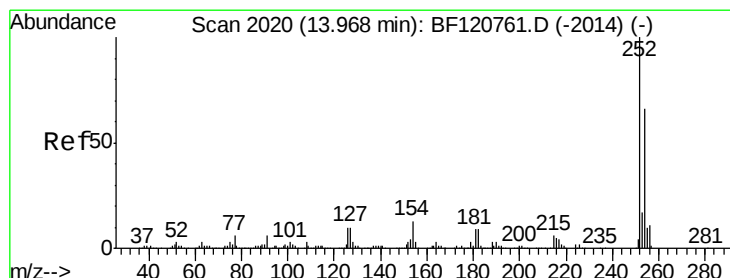
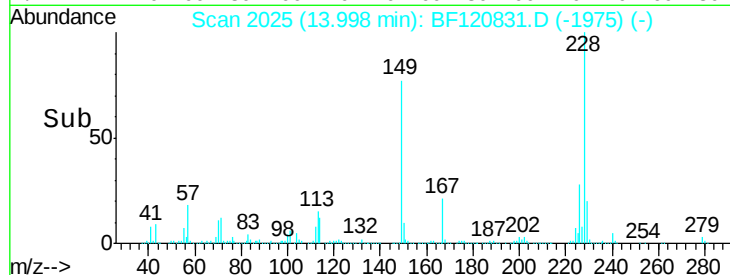
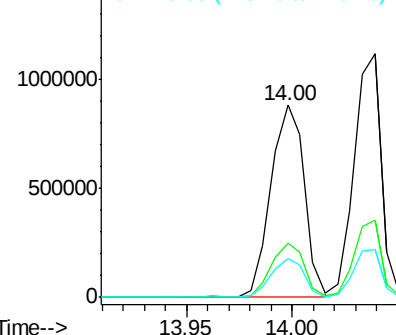
Tot Ion:	228	Resp:	970710
Ion Ratio		Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.5	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.996 ng

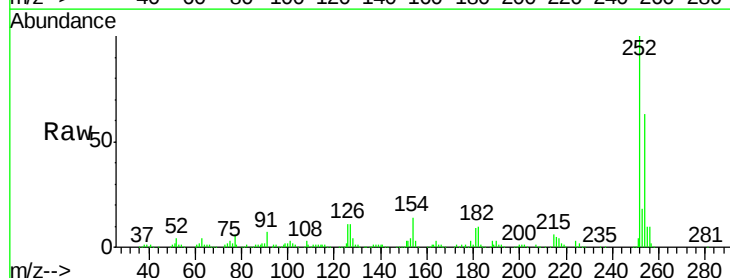
RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

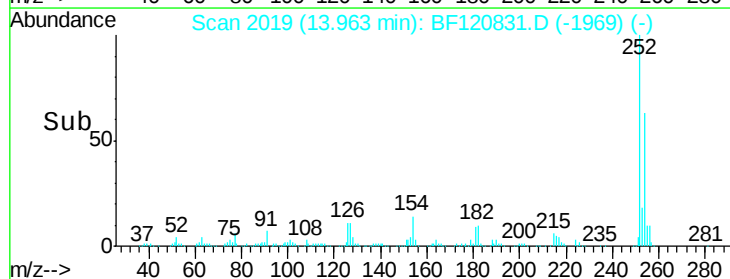
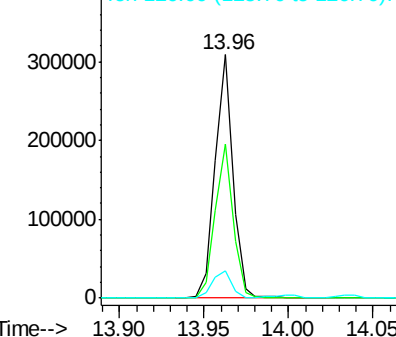
Lab File: BF120831.D

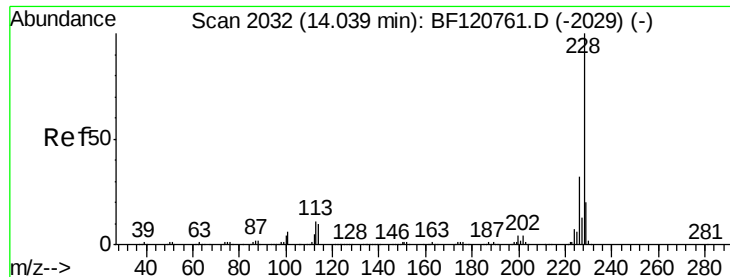
Acq: 10 Jul 2020 15:03

Tgt Ion:	252	Resp:	227464
Ion Ratio		Lower	Upper
252	100		
254	63.3	52.6	78.8
126	11.1	7.8	11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





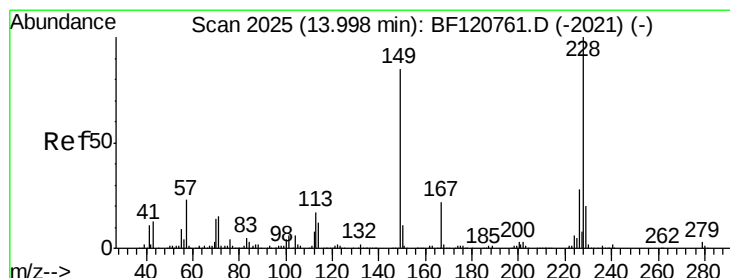
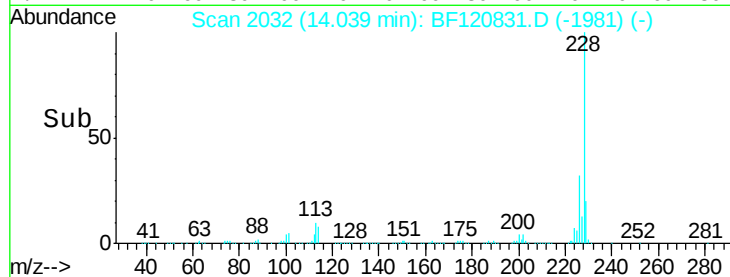
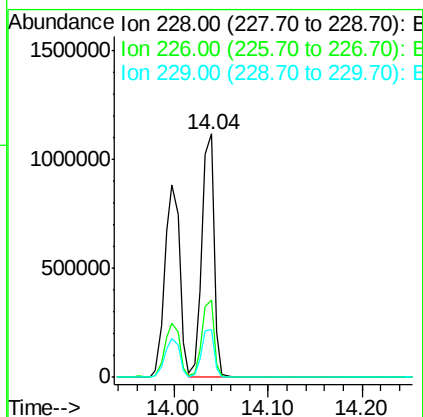
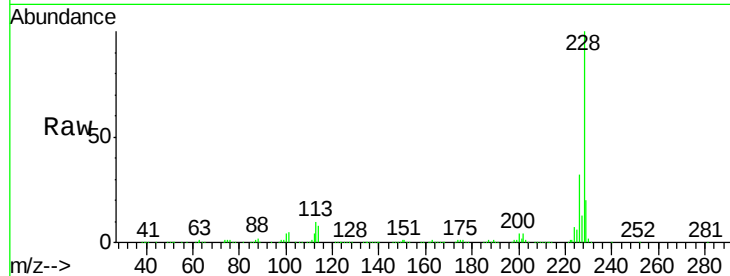
#83
 Chrvsene
 Concen: 46.798 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.7	38.5
229	19.6	16.3	24.5

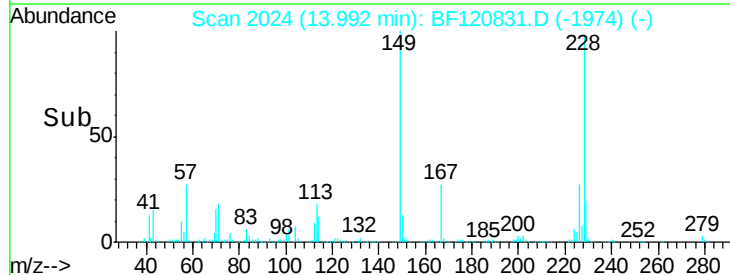
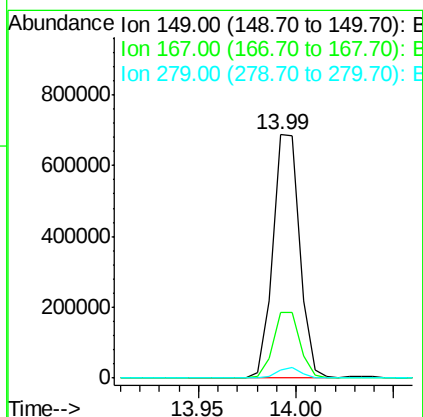
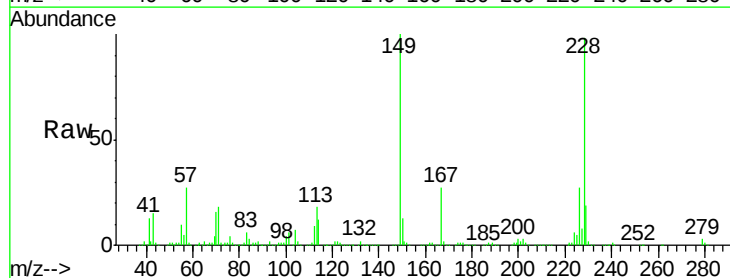
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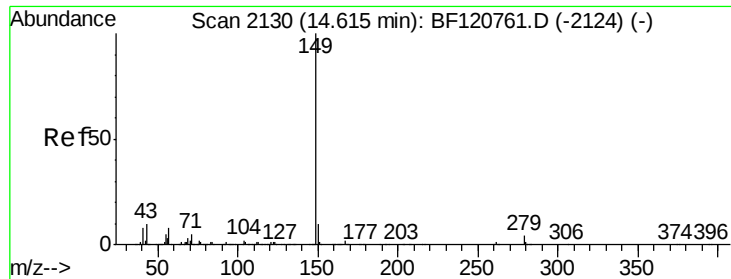
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.059 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.9	31.3
279	3.2	2.6	4.0





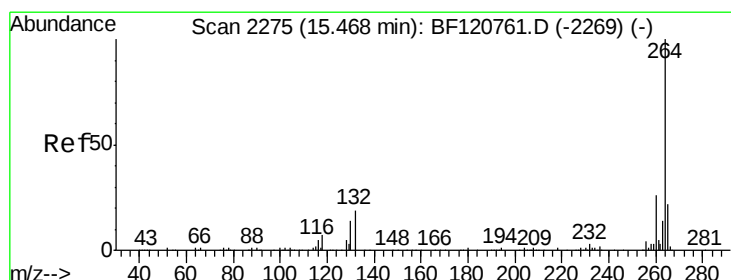
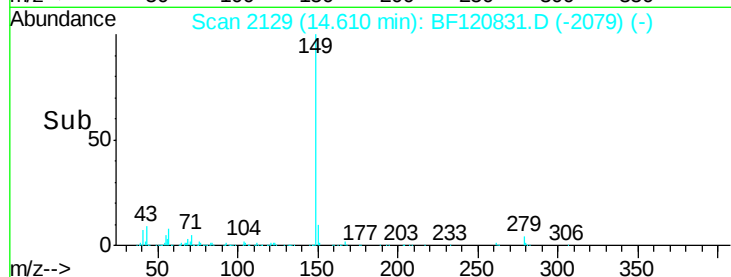
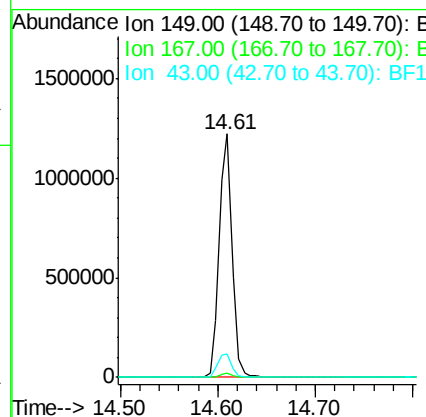
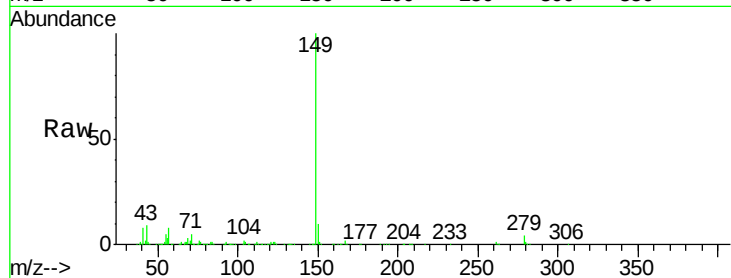
#85
Di-n-octyl phthalate
Concen: 42.605 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.7	13.1

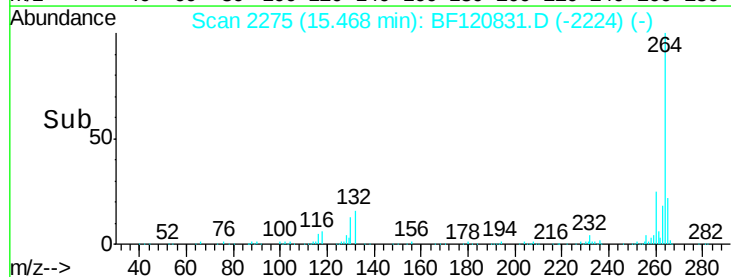
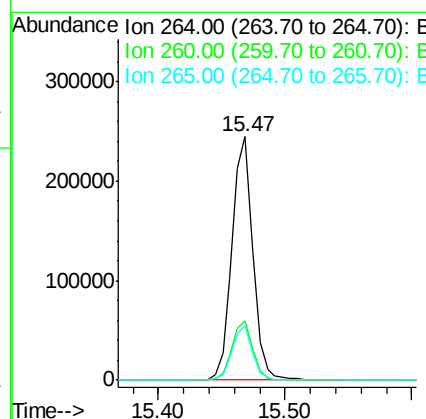
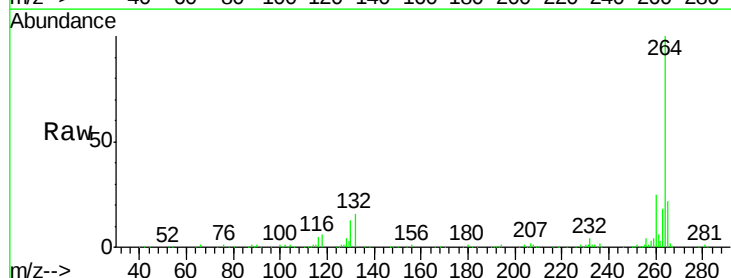
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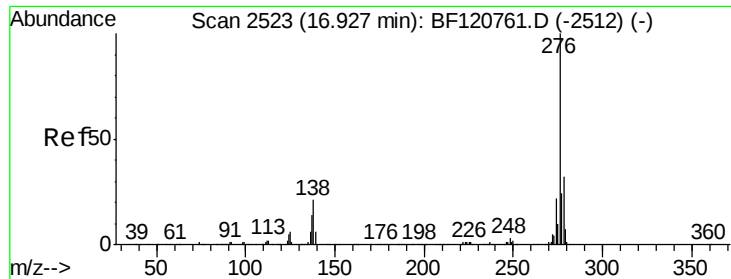
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	22.0	17.6	26.4





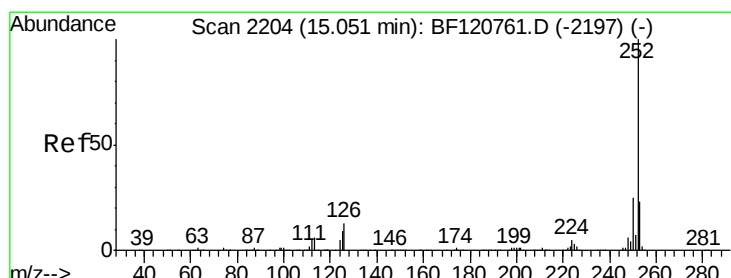
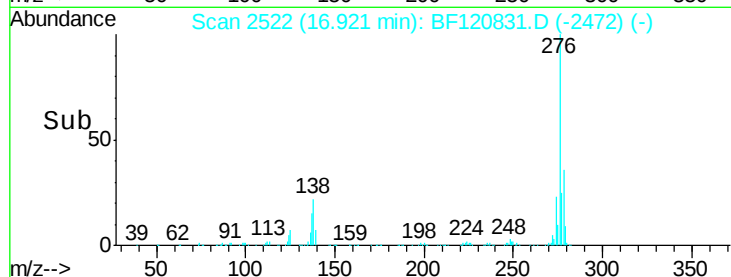
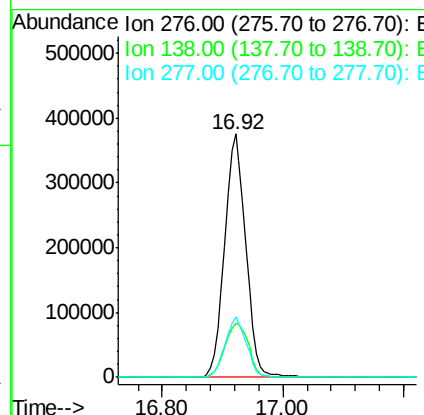
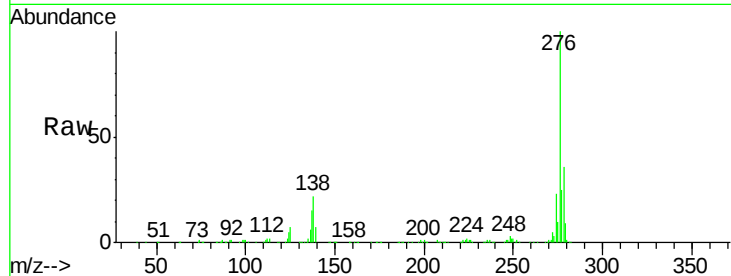
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.344 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.8
277	25.0	19.9	29.9

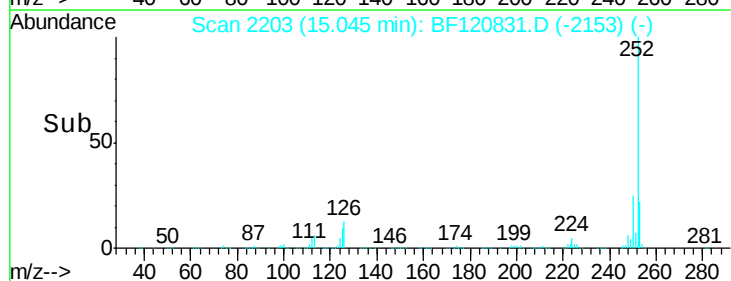
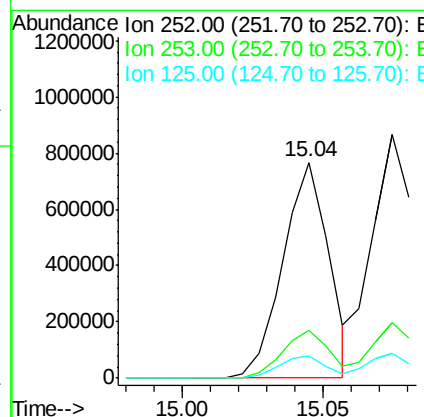
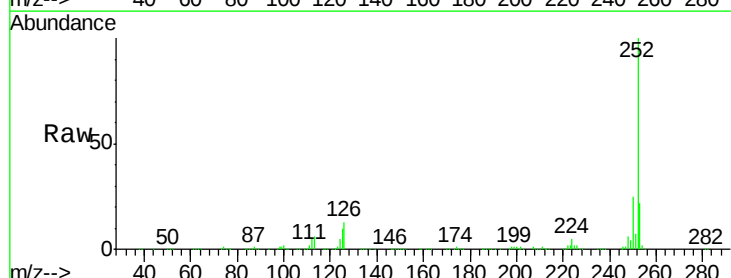
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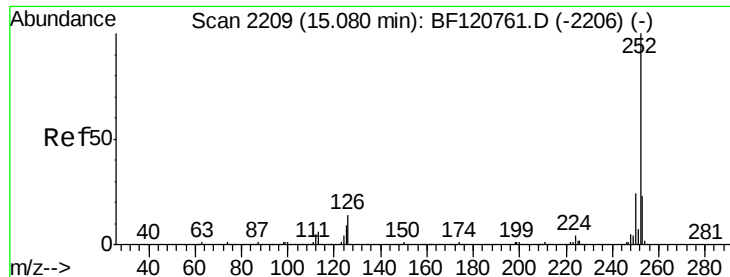
mohammad
 7/13/2020 1:04:41 PM



#88
 Benzo(b)fluoranthene
 Concen: 47.243 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.1	7.5	11.3





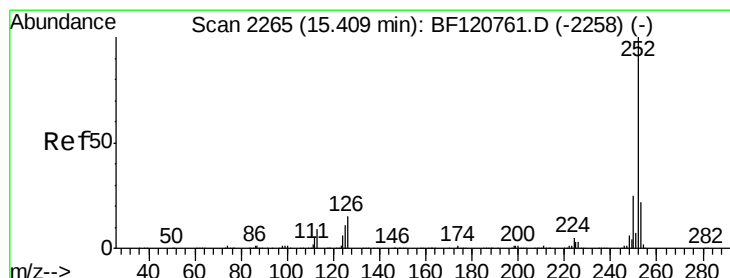
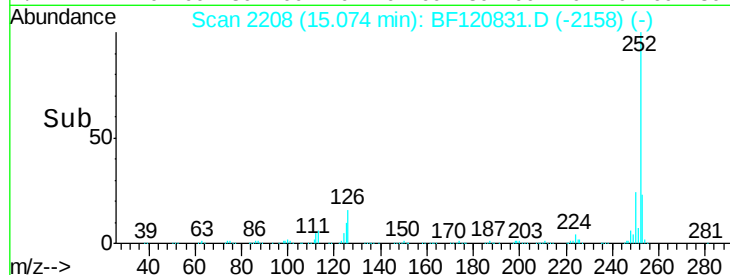
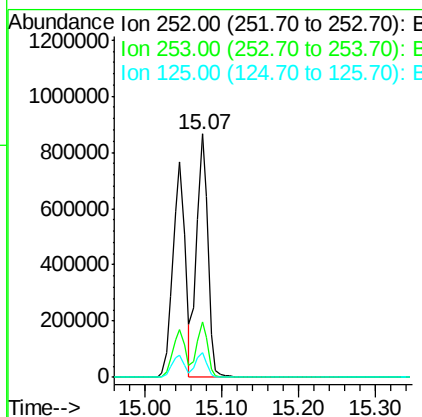
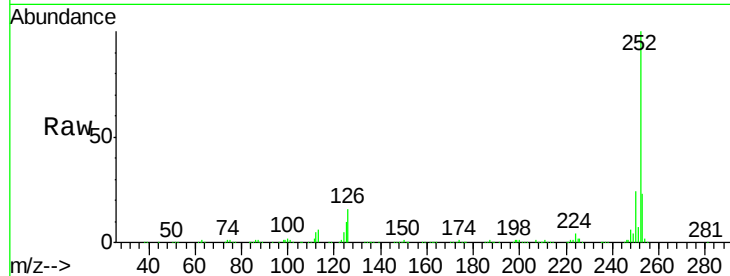
#89
Benzo(k)fluoranthene
Concen: 50.509 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.3	7.6	11.4

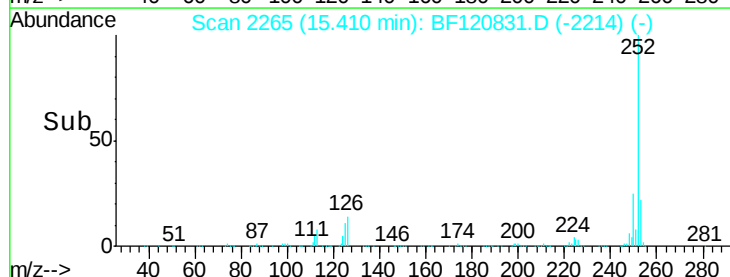
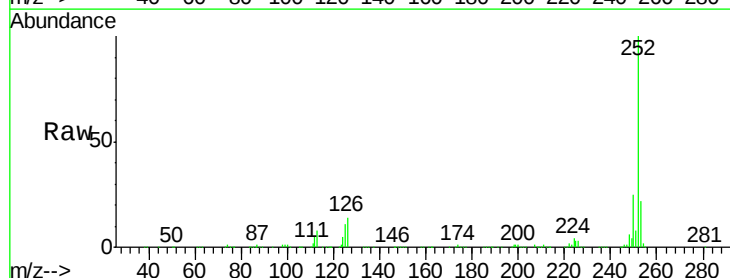
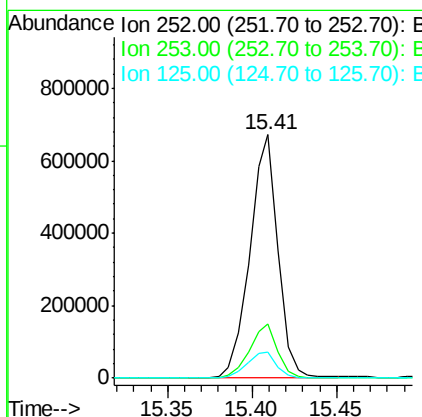
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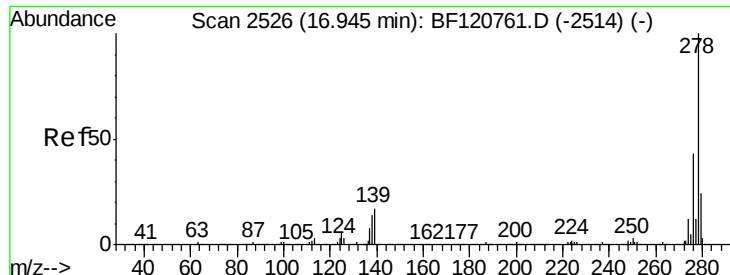
mohammad
7/13/2020 1:04:41 PM



#90
Benzo(a)pyrene
Concen: 47.819 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.5	9.2	13.8





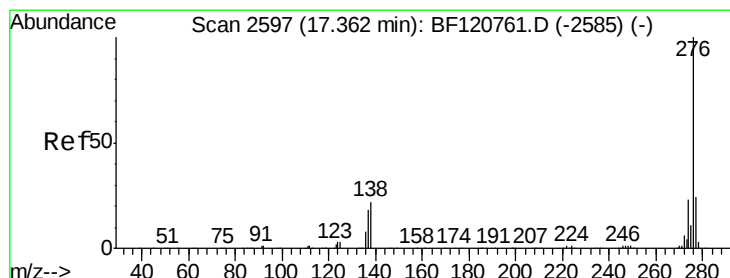
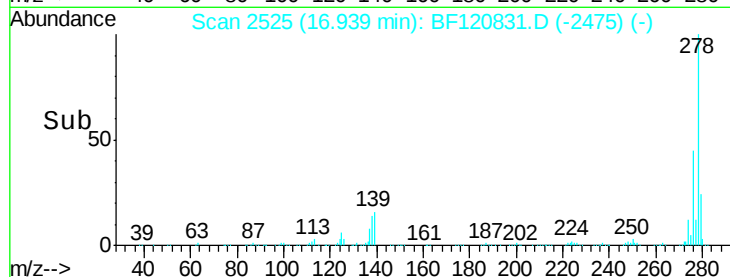
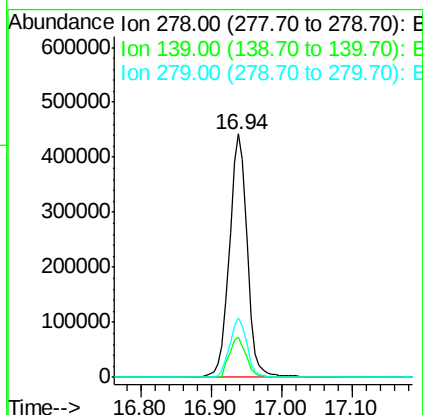
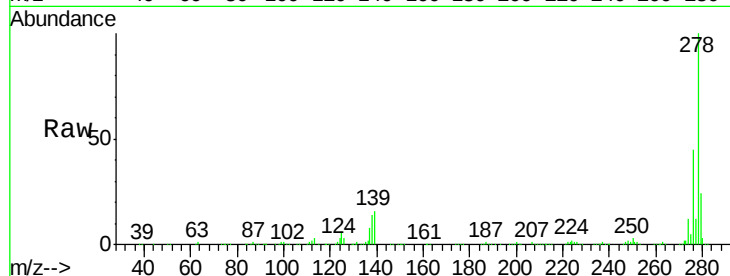
#91
Dibenzo(a,h)anthracene
Concen: 52.428 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	24.4	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.838 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.5	17.4	26.2

