

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120829.D
 Acq On : 10 Jul 2020 14:05
 Operator : JU/CG
 Sample : PB130090BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Manual Integrations
 APPROVED

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 7/13/2020 1:04:37 PM

Quant Time: Jul 10 14:55:59 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	133100	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	492447	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	233855	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	398152	20.00	ng	0.00
76) Chrysene-d12	14.01	240	277195	20.00	ng	0.00
86) Perylene-d12	15.46	264	240732	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1164547	135.06	ng	0.01
7) Phenol-d6	6.47	99	1396809	126.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	888521	104.54	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	347966	148.11	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1527921	98.85	ng	0.00
79) Terphenyl-d14	12.96	244	1525002	107.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	163806	41.589	ng	98
3) Pyridine	3.39	79	451536	41.853	ng	99
4) n-Nitrosodimethylamine	3.34	42	236200	43.764	ng	96
6) Aniline	6.51	93	535320	37.855	ng	99
8) 2-Chlorophenol	6.63	128	416896	45.414	ng	97
9) Benzaldehyde	6.39	77	132996	20.308	ng	97
10) Phenol	6.49	94	498705m	44.027	ng	
11) bis(2-Chloroethyl)ether	6.59	93	411351	44.628	ng	96
12) 1,3-Dichlorobenzene	6.79	146	451155	44.649	ng	97
13) 1,4-Dichlorobenzene	6.86	146	451709	44.633	ng	98
14) 1,2-Dichlorobenzene	7.02	146	424345	44.071	ng	99
15) Benzyl Alcohol	6.99	79	344489	41.639	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	599363	41.689	ng	99
17) 2-Methylphenol	7.10	107	331841	40.407	ng	98
18) Hexachloroethane	7.36	117	174459	45.864	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	282859	42.664	ng	97
20) 3+4-Methylphenols	7.25	107	406840	40.223	ng	# 88
22) Acetophenone	7.26	105	547643	44.741	ng	# 96
24) Nitrobenzene	7.43	77	444544	46.581	ng	99
25) Isophorone	7.67	82	770759	42.049	ng	99
26) 2-Nitrophenol	7.75	139	192500	47.982	ng	94
27) 2,4-Dimethylphenol	7.78	122	342745	46.841	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	491547	45.310	ng	99
29) 2,4-Dichlorophenol	7.99	162	323594	44.299	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	371860	45.323	ng	99
31) Naphthalene	8.15	128	1175814	44.678	ng	100
32) Benzoic acid	7.89	122	206341	40.596	ng	99
33) 4-Chloroaniline	8.20	127	290898	26.048	ng	98
34) Hexachlorobutadiene	8.27	225	221781	44.945	ng	99
35) Caprolactam	8.56	113	89501m	42.049	ng	
36) 4-Chloro-3-methylphenol	8.67	107	334927	44.078	ng	97
37) 2-Methylnaphthalene	8.85	142	769779	44.995	ng	99
38) 1-Methylnaphthalene	8.95	142	723898	45.172	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	330044	46.698	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	421972	101.051	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	221828	46.061	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	237390	44.416	nq	99
46) 1,1'-Biphenyl	9.31	154	888106	47.081	nq	99
47) 2-Chloronaphthalene	9.33	162	702700	46.499	nq	99
48) 2-Nitroaniline	9.43	65	211374	46.783	nq	94
49) Acenaphthylene	9.75	152	1065166	44.957	nq	99
50) Dimethylphthalate	9.61	163	768978	45.077	nq	99
51) 2,6-Dinitrotoluene	9.67	165	161502	47.653	nq	86
52) Acenaphthene	9.92	154	721652	49.098	nq	99
53) 3-Nitroaniline	9.83	138	120034	29.729	nq	99
54) 2,4-Dinitrophenol	9.94	184	124873	91.997	nq	96
55) Dibenzofuran	10.09	168	958454	45.238	nq	99
56) 4-Nitrophenol	9.99	139	282157	89.922	nq	92
57) 2,4-Dinitrotoluene	10.07	165	210298	49.681	nq	89
58) Fluorene	10.43	166	720259	45.672	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189128m	47.552	nq	
60) Diethylphthalate	10.31	149	770520	43.359	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	354481	44.714	nq	96
62) 4-Nitroaniline	10.45	138	169335	46.719	nq	94
63) Azobenzene	10.59	77	794774	43.720	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	81545	48.601	nq	86
66) n-Nitrosodiphenylamine	10.55	169	637004	47.733	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	208734	45.194	nq	98
68) Hexachlorobenzene	10.98	284	235834	48.661	nq	93
69) Atrazine	11.07	200	175731	51.114	nq	98
70) Pentachlorophenol	11.17	266	270376	98.604	nq	98
71) Phenanthrene	11.40	178	1005533	46.545	nq	99
72) Anthracene	11.45	178	1034384	47.383	nq	100
73) Carbazole	11.60	167	926946	44.186	nq	99
74) Di-n-butylphthalate	11.93	149	1149035	44.241	nq	100
75) Fluoranthene	12.58	202	1025156	44.546	nq	100
77) Benzidine	12.70	184	446755	57.100	nq	99
78) Pyrene	12.81	202	1042670	47.098	nq	99
80) Butylbenzylphthalate	13.43	149	415553	43.477	nq	97
81) Benzo(a)anthracene	14.00	228	825580	46.463	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	198256	33.063	nq	# 97
83) Chrysene	14.03	228	833635	45.995	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	559076	44.606	nq	100
85) Di-n-octyl phthalate	14.61	149	920257	41.503	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	789787	51.149	nq	99
88) Benzo(b)fluoranthene	15.04	252	728346	46.021	nq	99
89) Benzo(k)fluoranthene	15.07	252	748109	48.579	nq	100
90) Benzo(a)pyrene	15.40	252	659037	46.681	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	676146	52.539	nq	99
92) Benzo(g,h,i)perylene	17.36	276	616063	52.378	nq	98

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

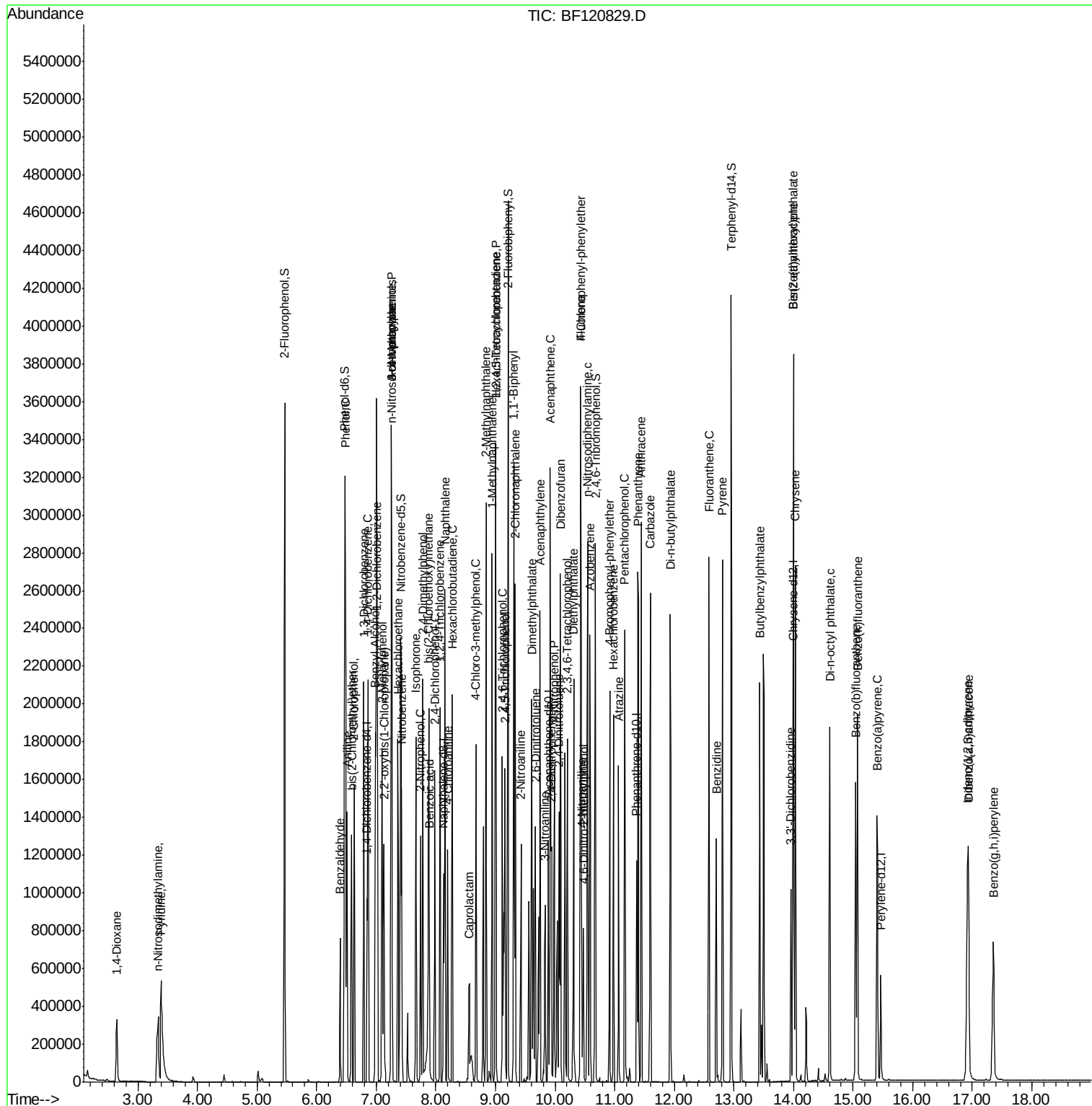
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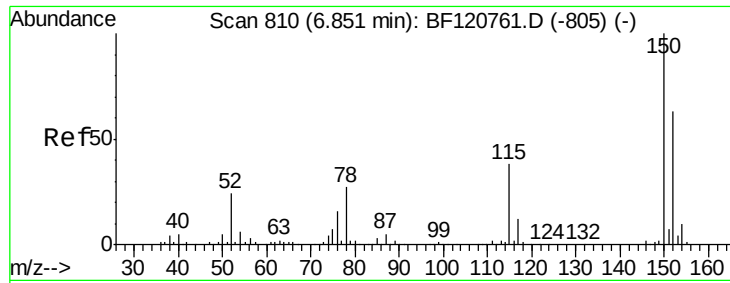
Instrument :
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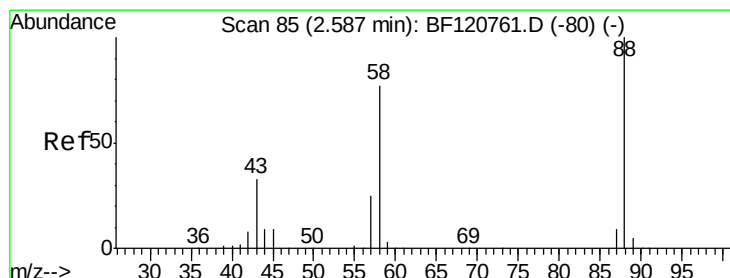
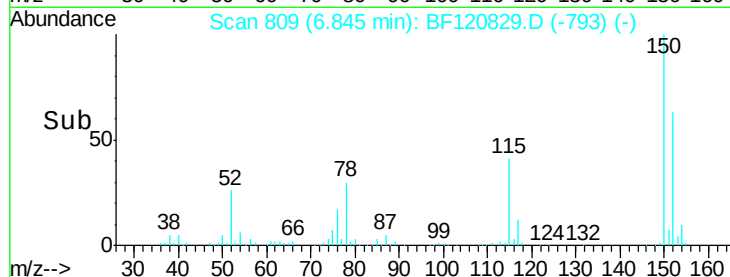
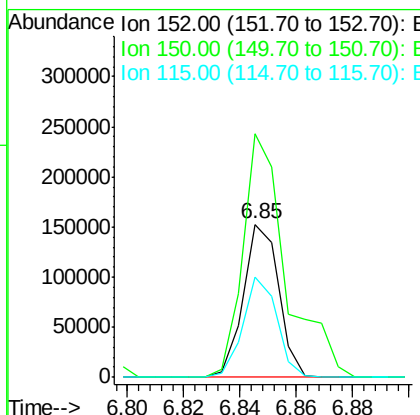
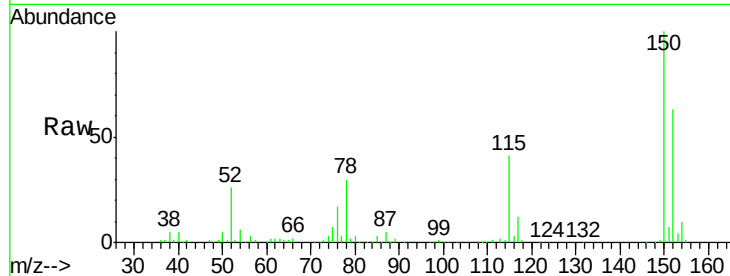
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.1	189.1
115	65.6	48.5	72.7

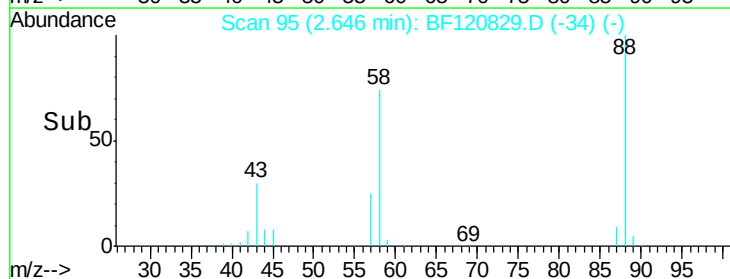
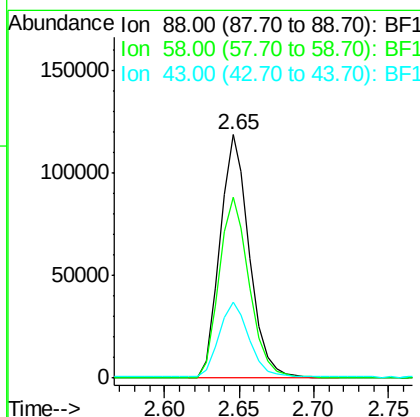
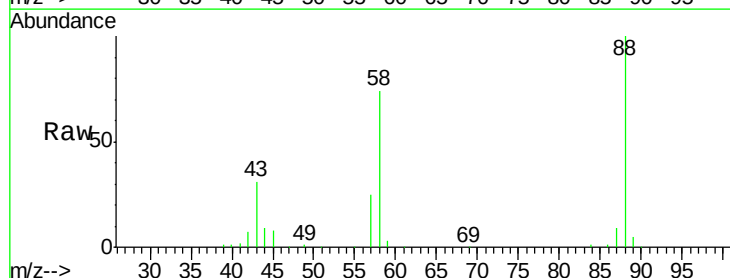
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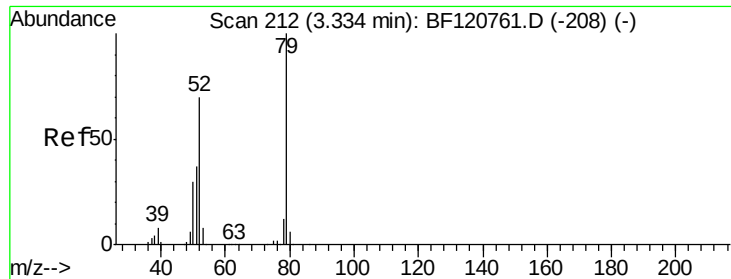
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#2
 1,4-Dioxane
 Concen: 41.589 ng
 RT: 2.65 min Scan# 95
 Delta R.T. 0.06 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	60.4	90.6
43	31.6	26.3	39.5





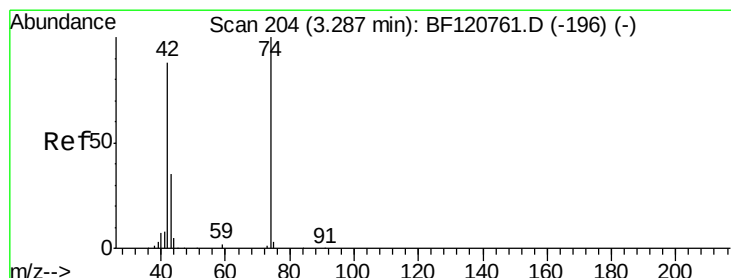
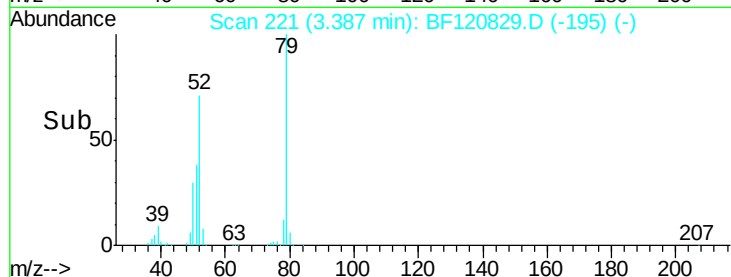
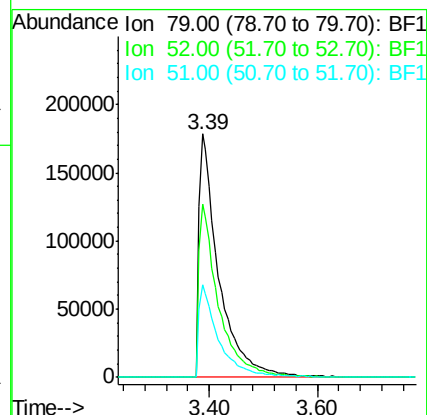
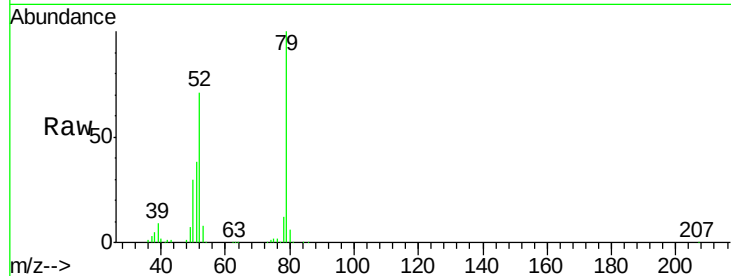
#3
 Pvrindine
 Concen: 41.853 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.05 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	56.3	84.5
51	38.1	30.1	45.1

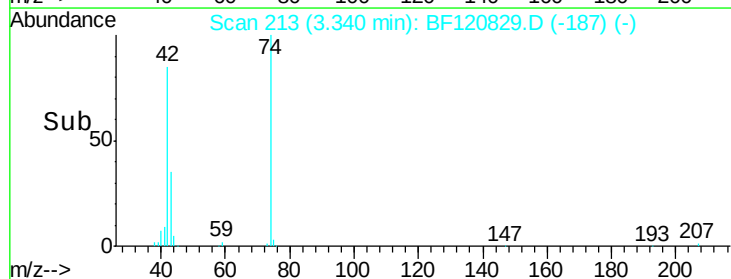
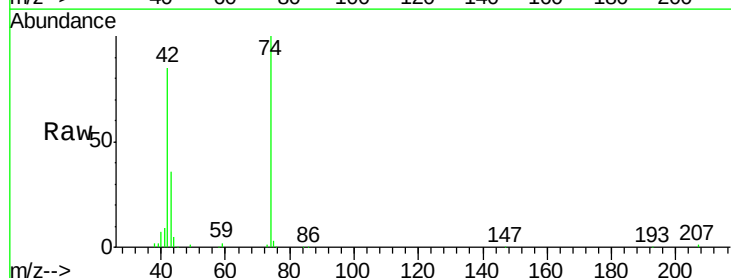
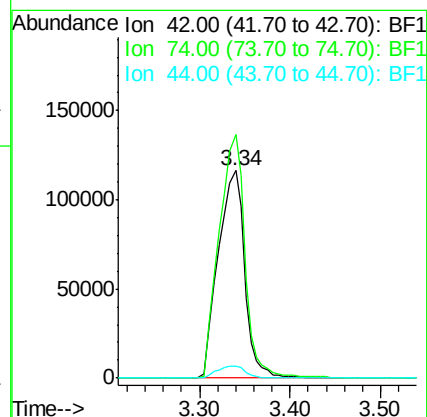
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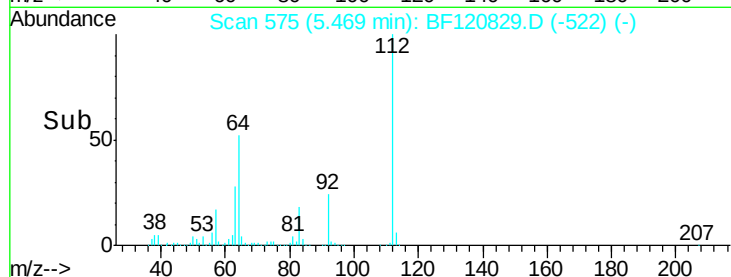
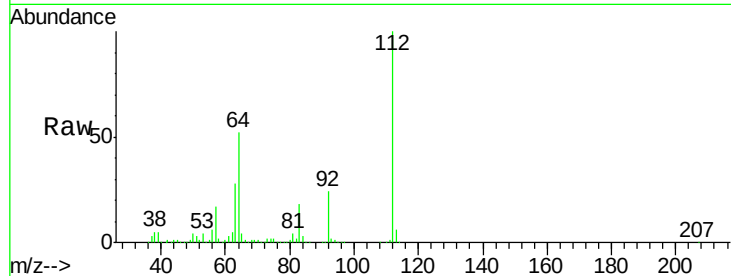
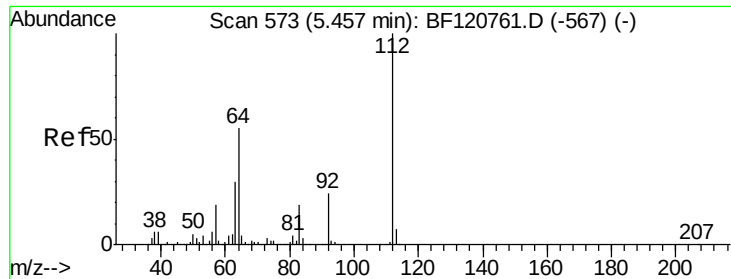
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#4
 n-Nitrosodimethylamine
 Concen: 43.764 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.4	90.8	136.2
44	5.9	5.8	8.8





#5

2-Fluorophenol

Concen: 135.060 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tot Ion:	112	Resp:	1164547
Ion Ratio	Lower	Upper	
112	100		
64	51.8	43.8	65.6
63	27.8	23.6	35.4

Instrument :

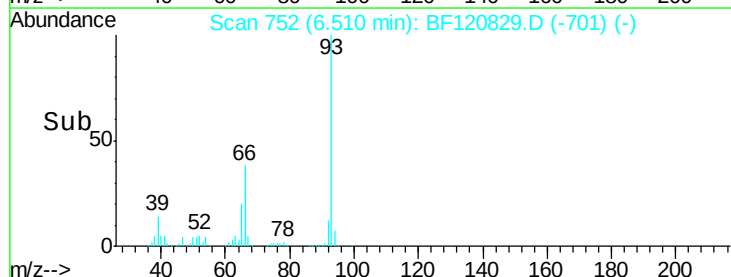
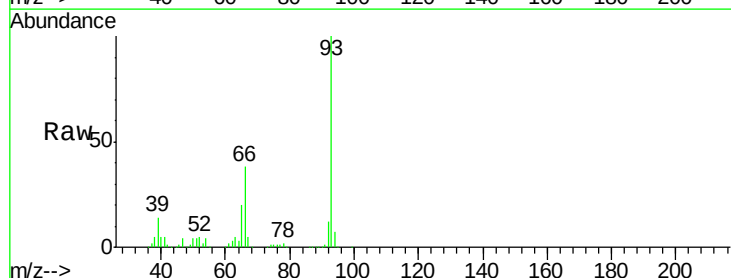
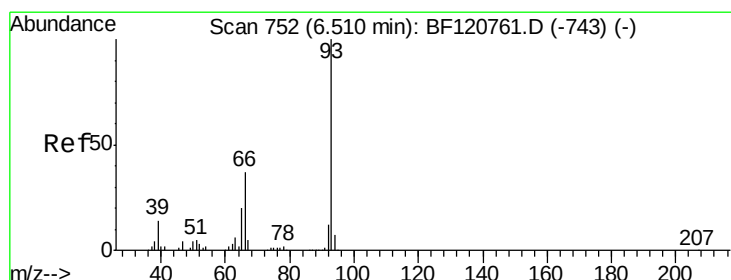
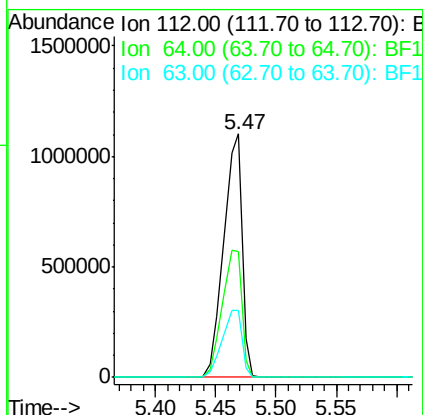
BNA_F

ClientSampleId :

PB130090BS

Manual Integrations
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#6

Aniline

Concen: 37.855 ng

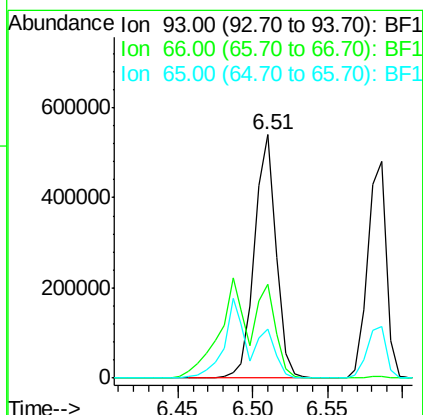
RT: 6.51 min Scan# 752

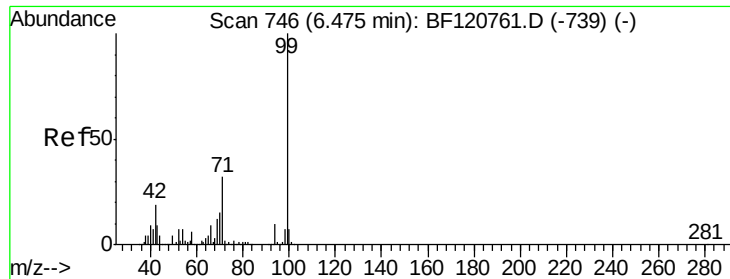
Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	93	Resp:	535320
Ion Ratio	Lower	Upper	
93	100		
66	38.4	31.3	46.9
65	20.3	16.5	24.7





#7

Phenol-d6

Concen: 126.854 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampled :

PB130090BS

Tot Ion: 99 Resp: 1396809

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

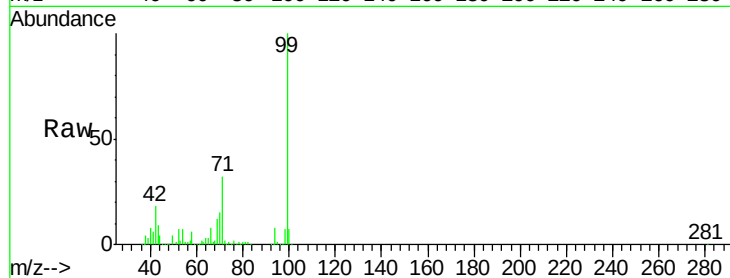
71 31.9 25.9 38.9

Manual Integrations

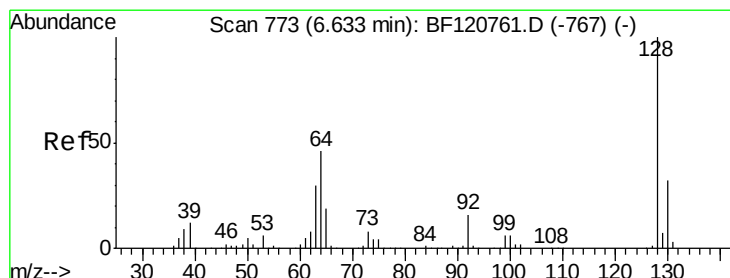
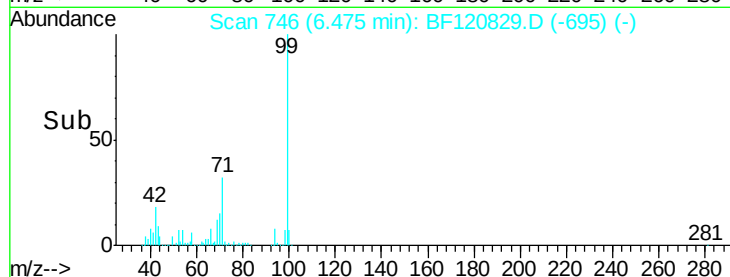
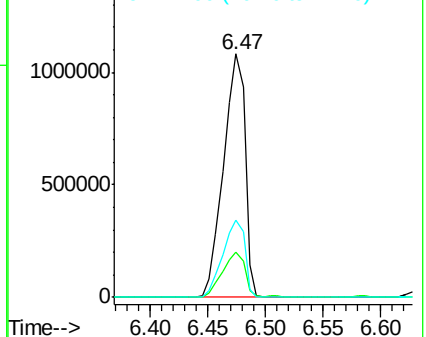
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.414 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

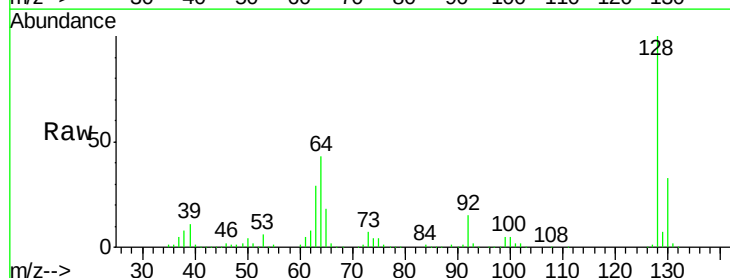
Tgt Ion: 128 Resp: 416896

Ion Ratio Lower Upper

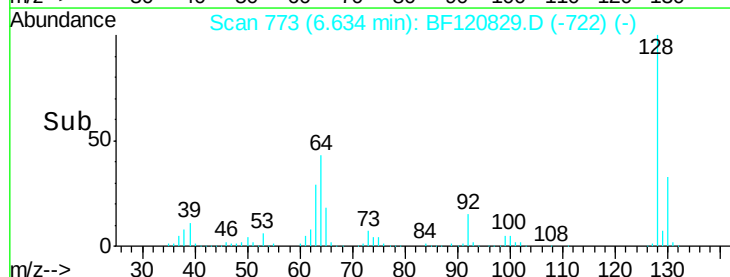
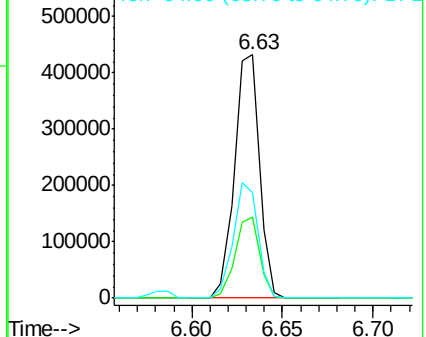
128 100

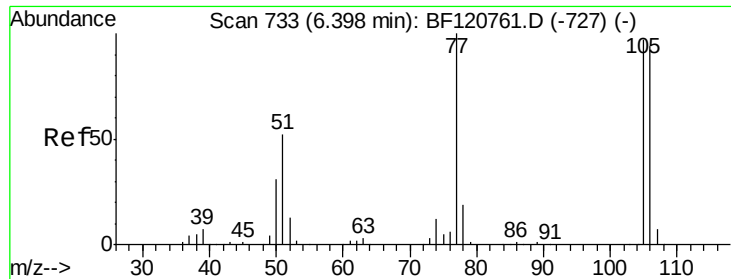
130 33.1 12.1 52.1

64 43.4 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





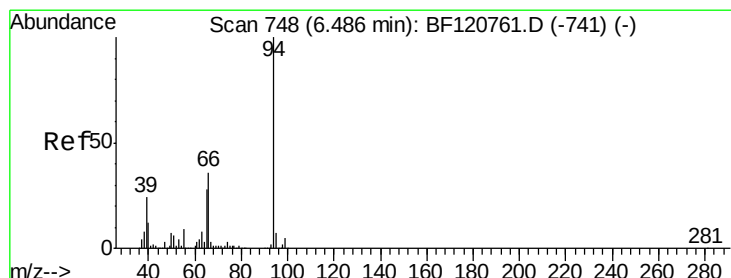
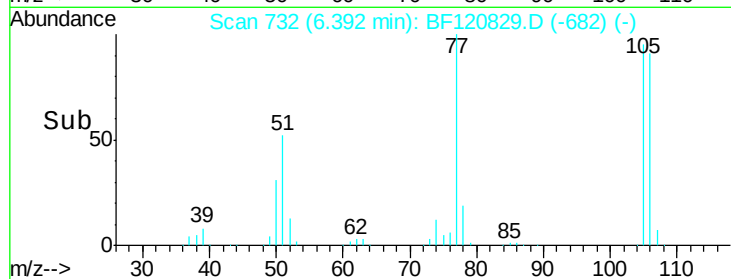
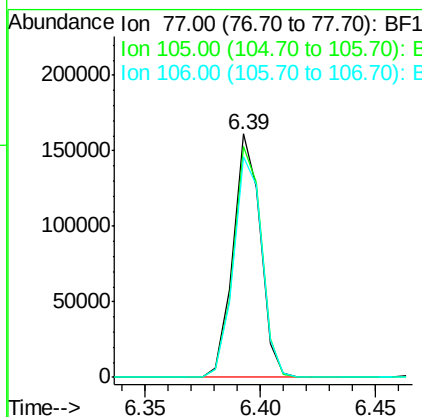
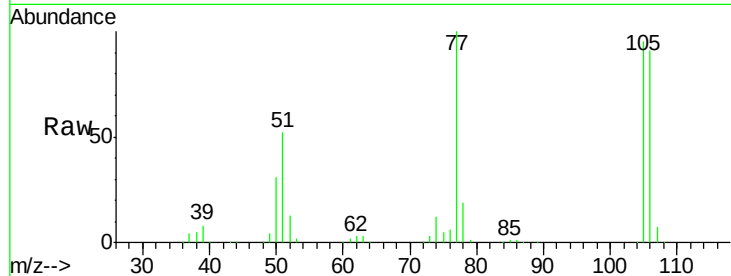
#9
Benzaldehyde
Concen: 20.308 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120829.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	94.9	76.8	116.8
106	90.8	73.8	113.8

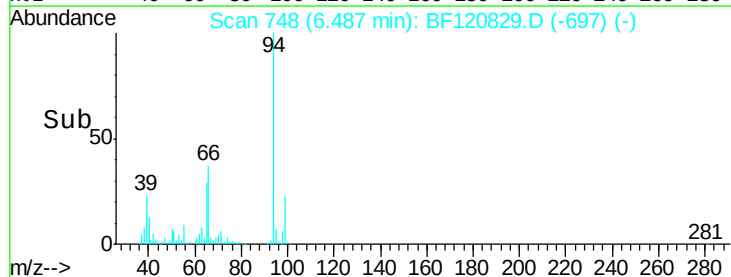
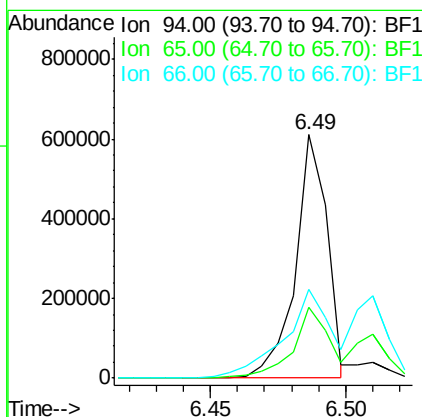
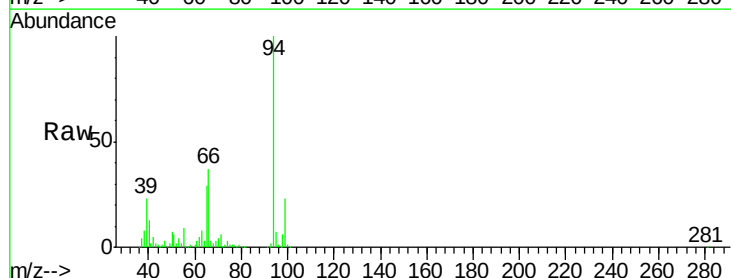
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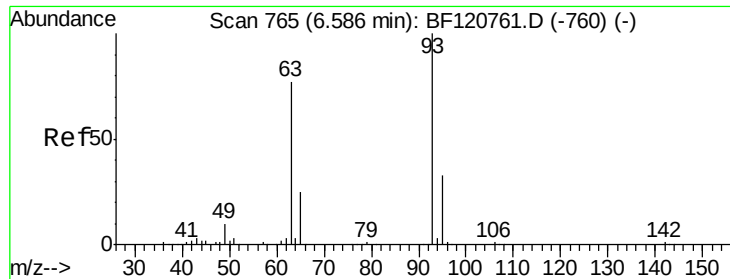
mohammad
7/13/2020 1:04:37 PM



#10
Phenol
Concen: 44.027 ng m
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.4	48.4
66	36.6	16.5	56.5





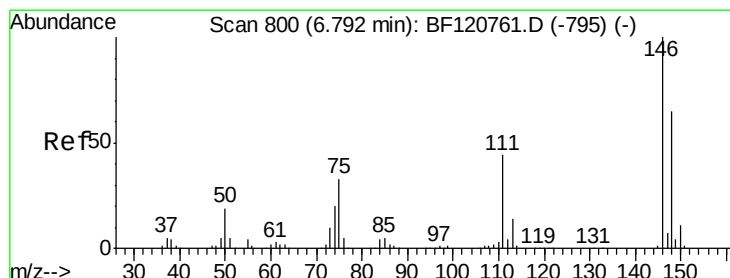
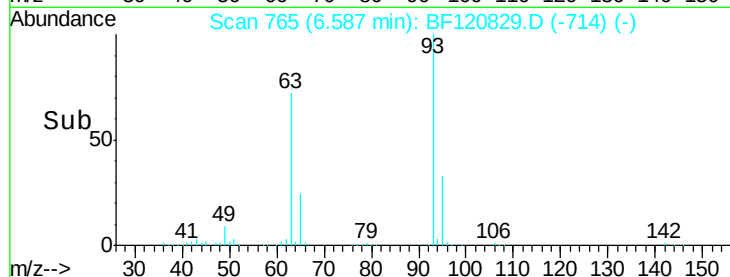
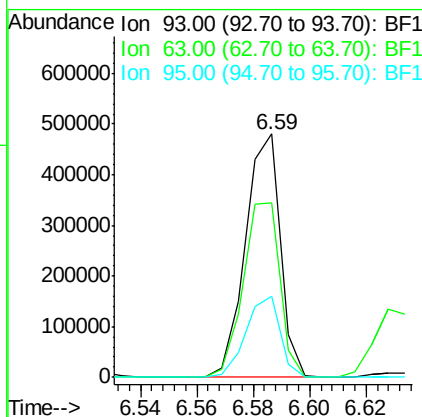
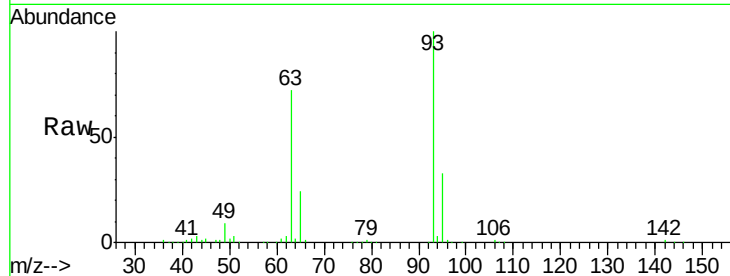
#11
bis(2-Chloroethyl)ether
Concen: 44.628 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:	93	Resp:	411351
Ion Ratio	Lower	Upper	
93	100		
63	71.9	56.9	96.9
95	33.1	13.3	53.3

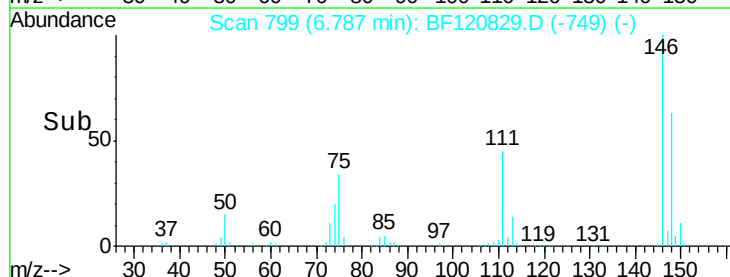
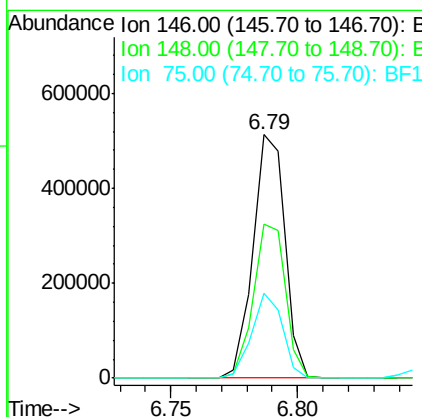
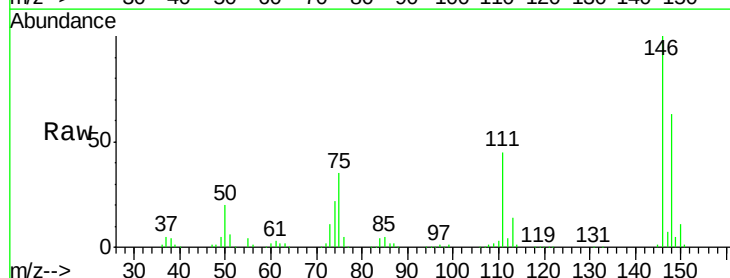
Manual Integrations
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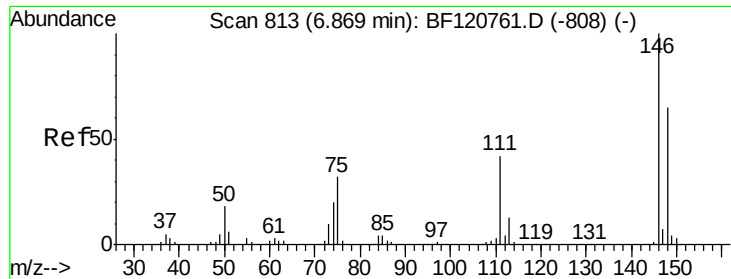
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.649 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:	146	Resp:	451155
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.1	78.1
75	34.9	26.0	39.0





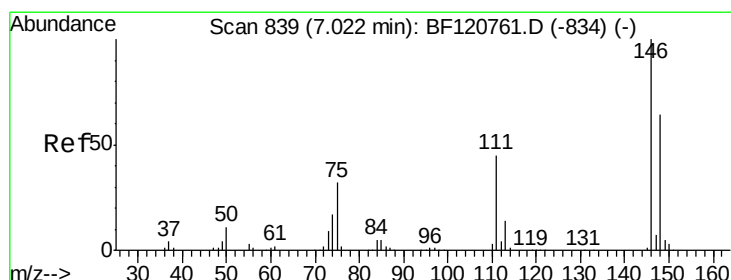
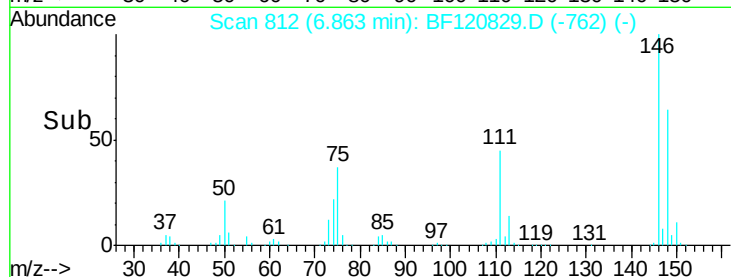
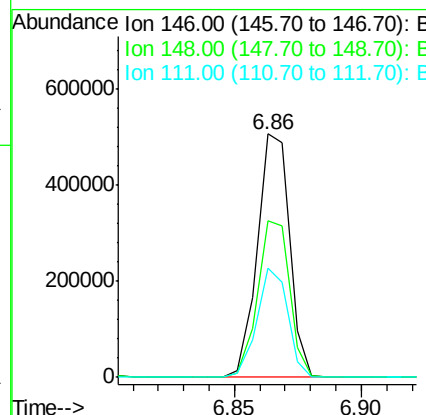
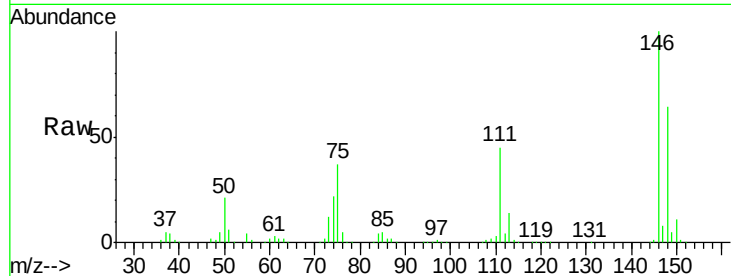
#13
 1,4-Dichlorobenzene
 Concen: 44.633 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	45.1	33.7	50.5

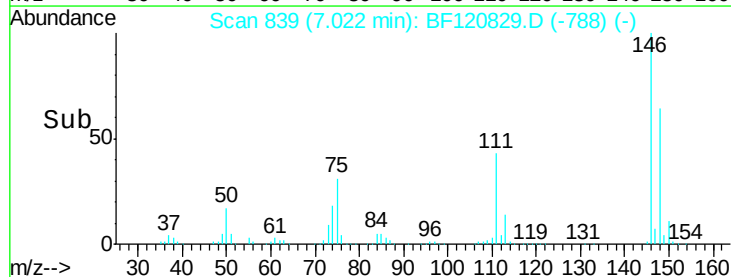
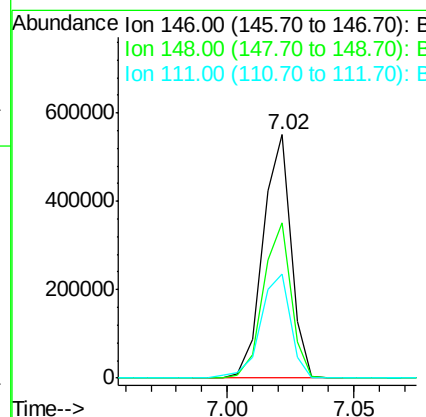
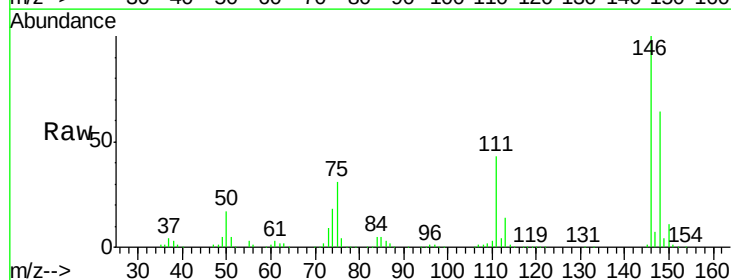
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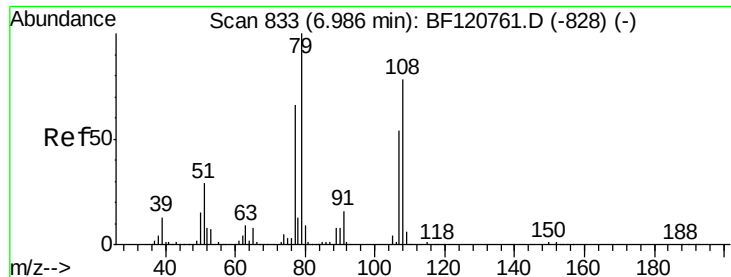
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 44.071 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	43.0	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.639 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

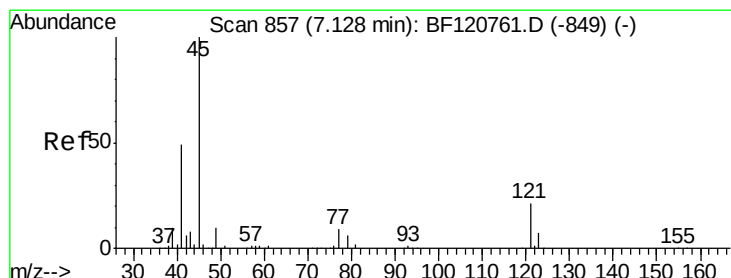
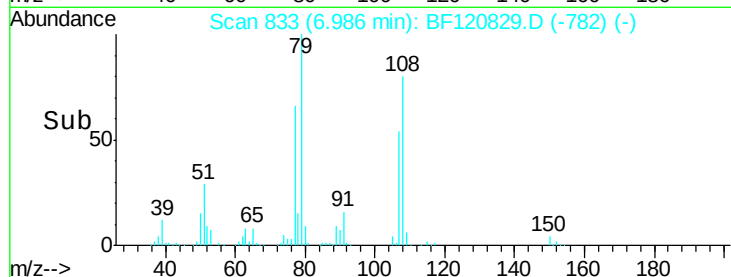
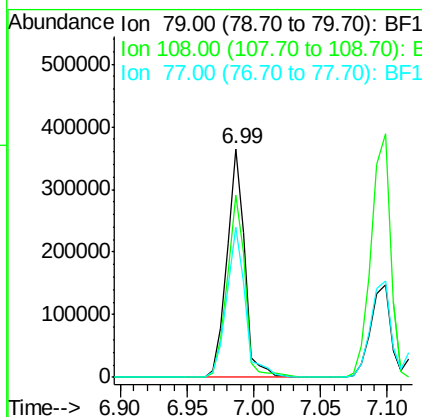
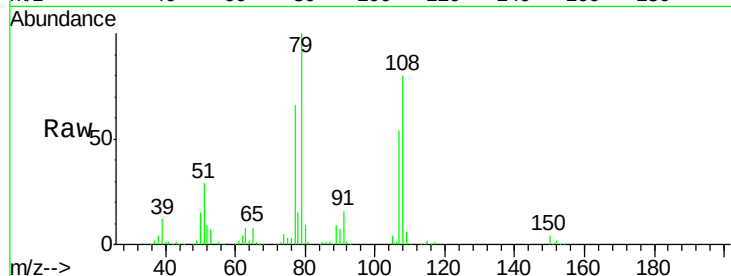
ClientSampleId :

PB130090BS

Tot Ion:	79	Resp:	344489
Ion Ratio	Lower	Upper	
79	100		
108	80.0	62.4	93.6
77	65.9	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.689 ng

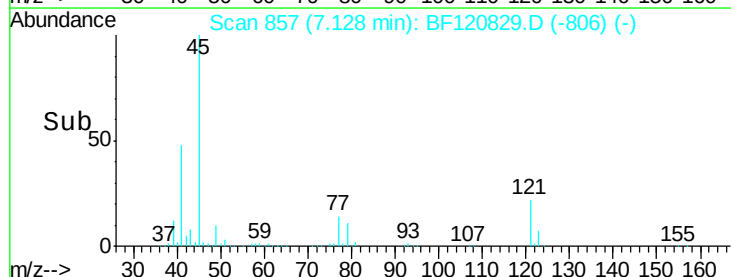
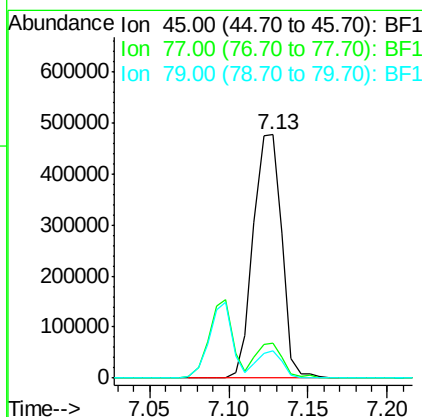
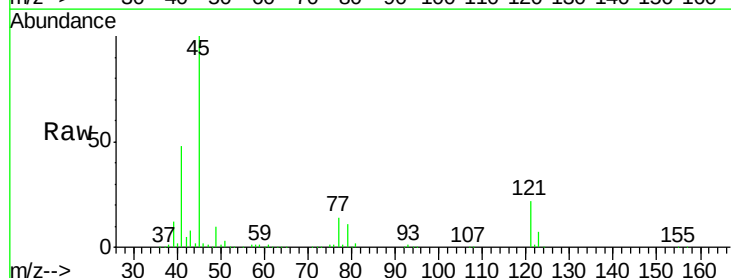
RT: 7.13 min Scan# 857

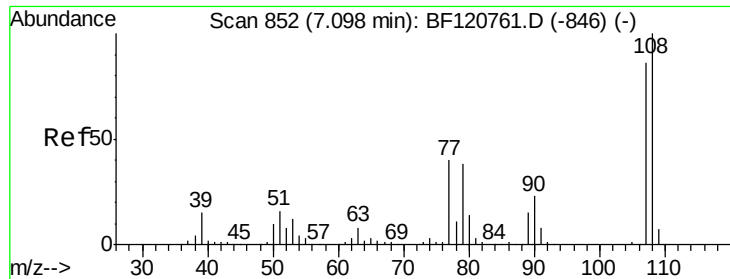
Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	45	Resp:	599363
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.7
79	11.0	0.0	30.5





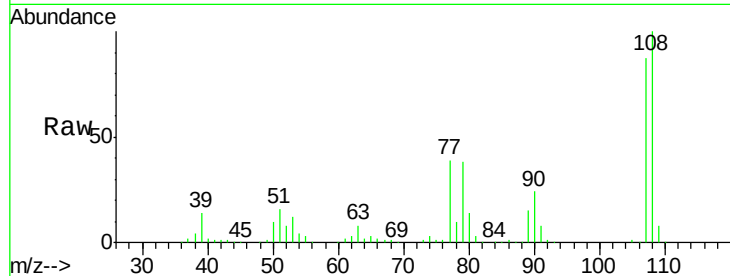
#17
2-Methylphenol
Concen: 40.407 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

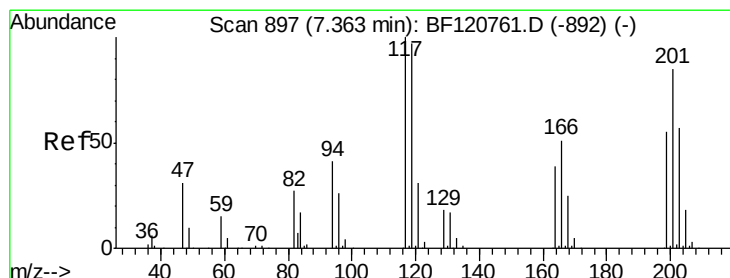
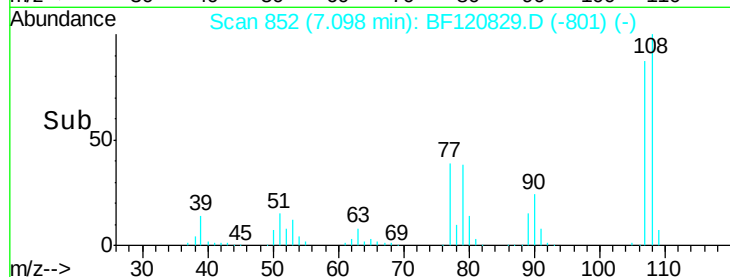
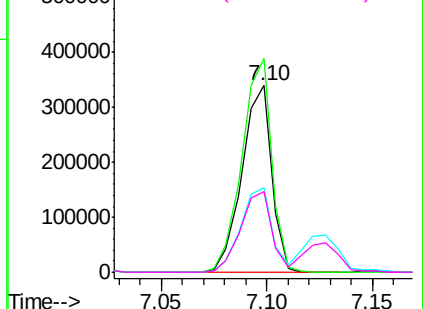
Tot Ion:	107	Resp:	331841
Ion Ratio	Lower	Upper	
107	100		
108	114.6	93.1	139.7
77	45.1	37.3	55.9
79	43.6	35.3	52.9

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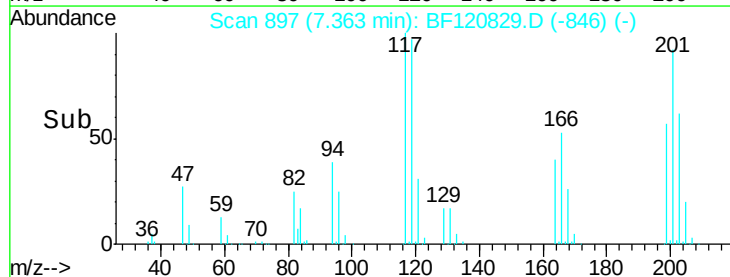
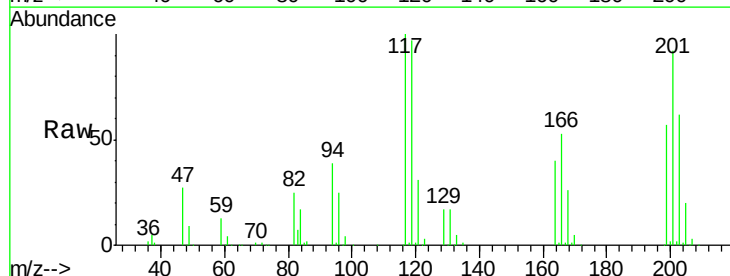
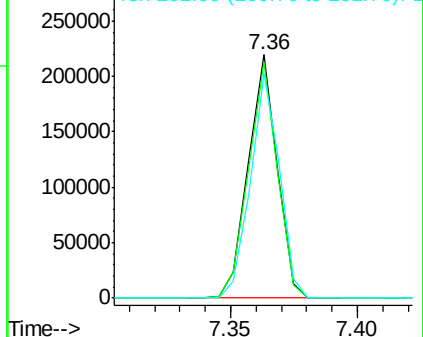
Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

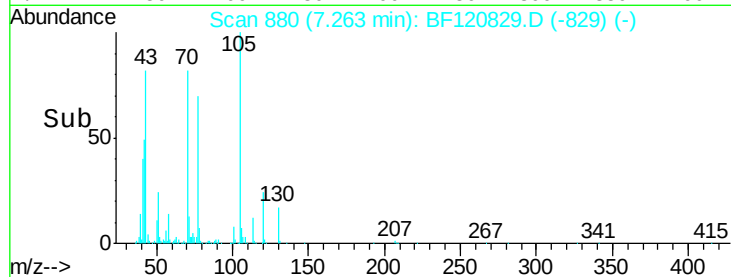
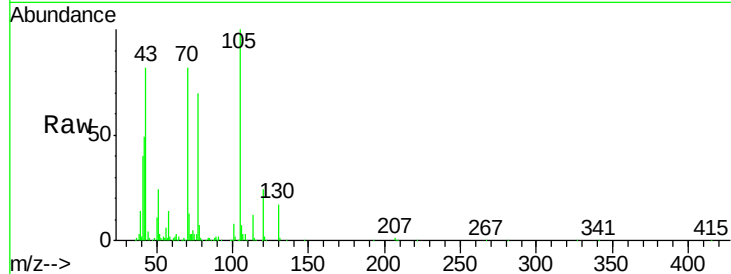
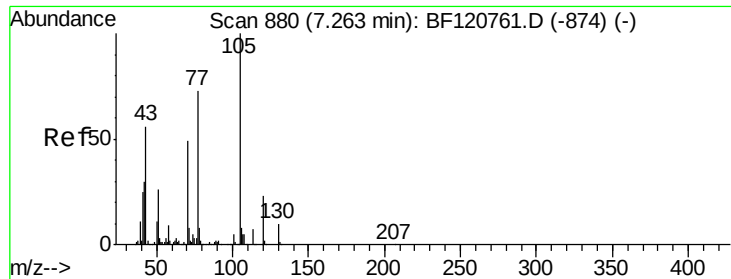


#18
Hexachloroethane
Concen: 45.864 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:	117	Resp:	174459
Ion Ratio	Lower	Upper	
117	100		
119	97.0	77.9	116.9
201	92.1	68.3	102.5

Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
250000
Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





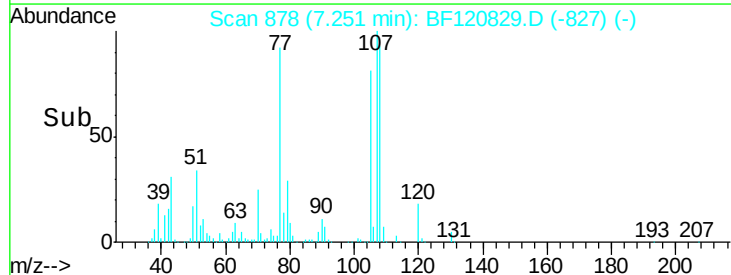
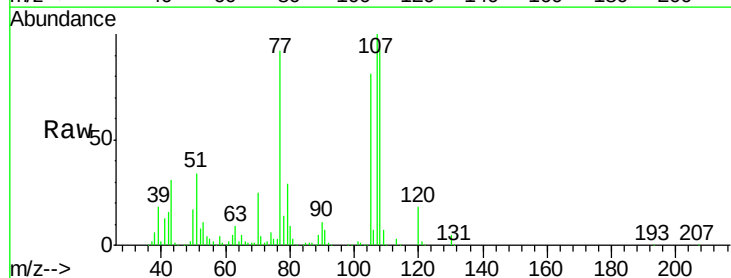
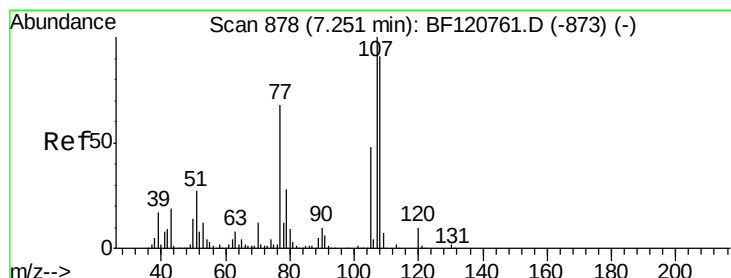
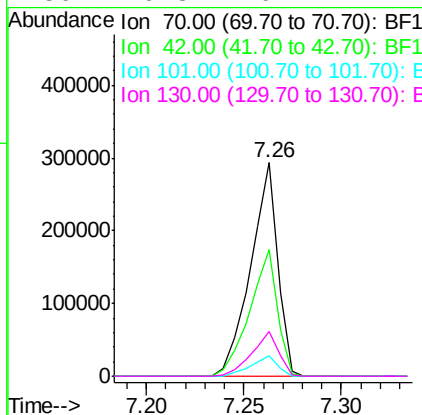
#19
n-Nitroso-di-n-propylamine
Concen: 42.664 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	59.6	50.3	75.5
101	9.4	7.5	11.3
130	20.8	16.1	24.1

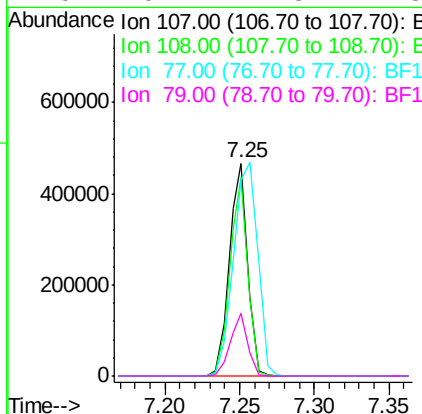
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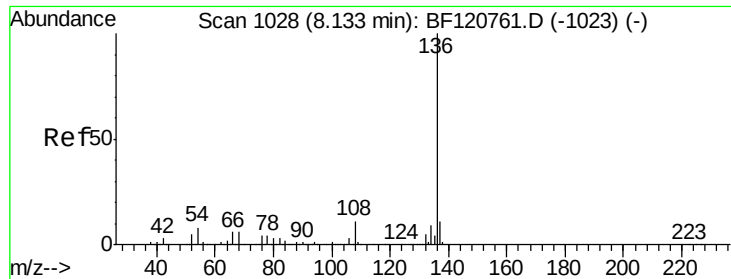
mohammad
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#20
3+4-Methylphenols
Concen: 40.223 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	93.2	70.9	110.9
77	92.2	48.3	88.3
79	29.2	7.8	47.8





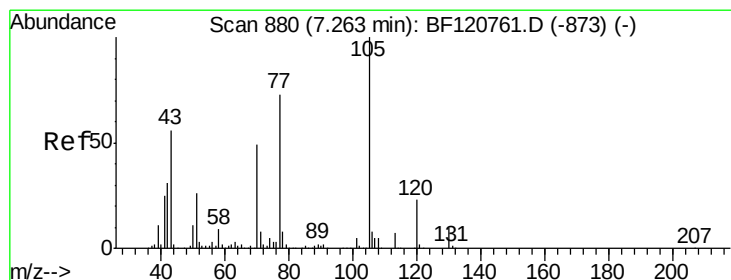
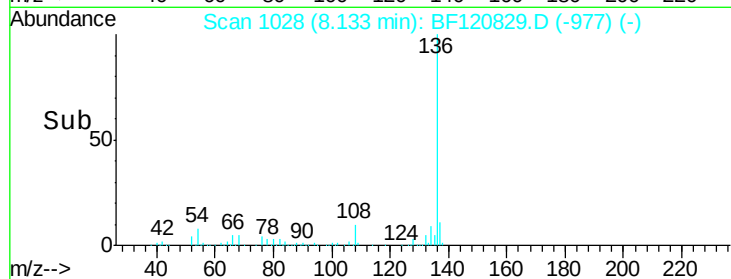
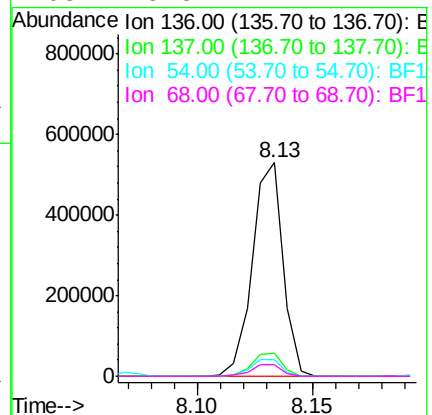
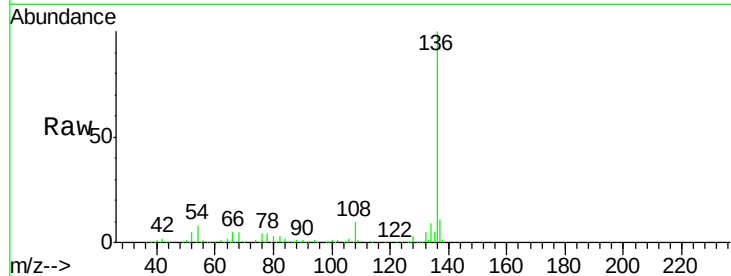
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		492447		
137	10.8		9.0	13.6	
54	7.6		6.2	9.4	
68	5.3		4.7	7.1	

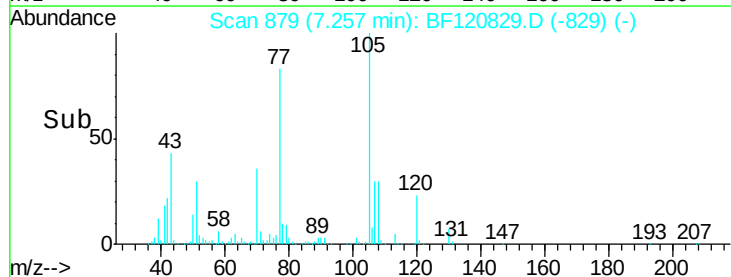
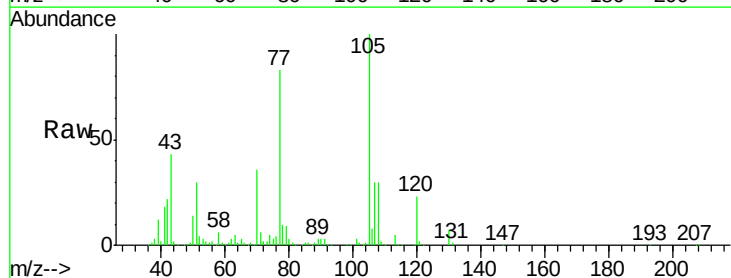
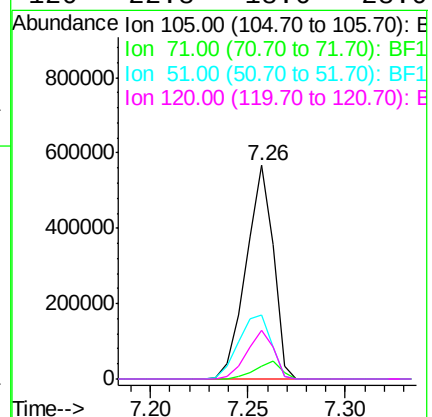
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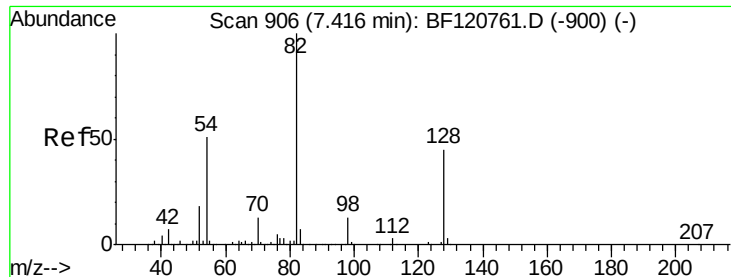
mohammad
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#22
Acetophenone
Concen: 44.741 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		547643		
71	6.0		6.5	9.7#	
51	29.8		21.0	31.4	
120	22.8		18.6	28.0	





#23

Nitrobenzene-d5

Concen: 104.537 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

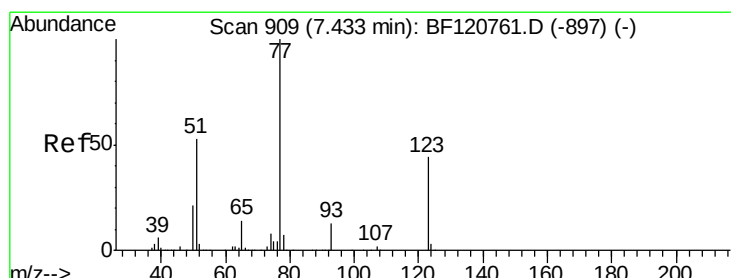
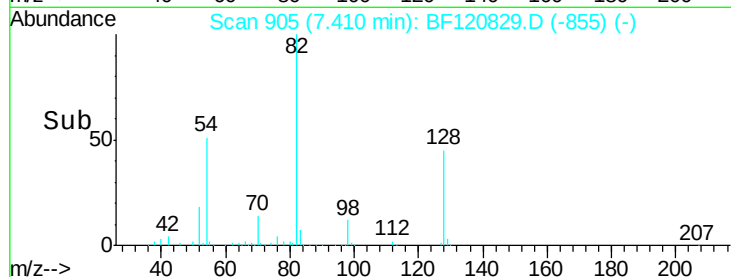
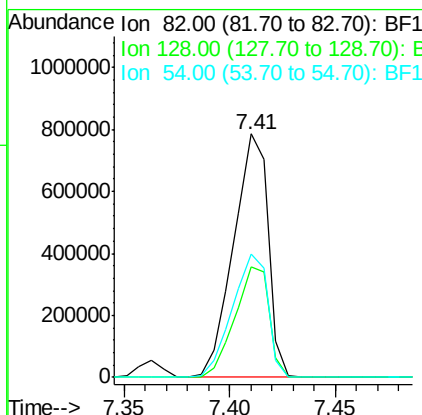
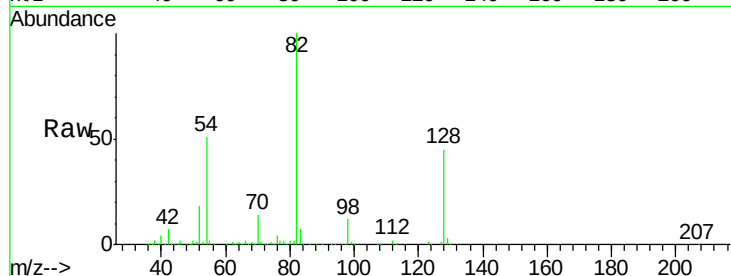
ClientSampled :

PB130090BS

Tot Ion:	82	Resp:	888521
Ion Ratio	Lower	Upper	
82	100		
128	45.2	35.7	53.5
54	50.9	40.9	61.3

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#24

Nitrobenzene

Concen: 46.581 ng

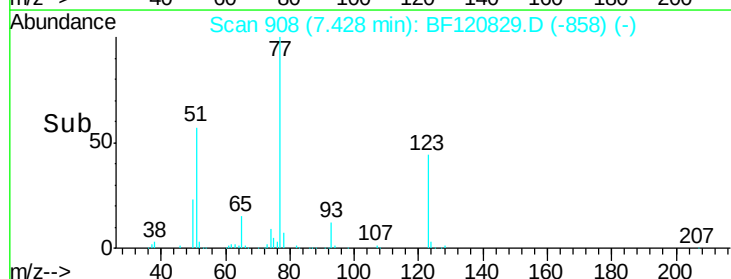
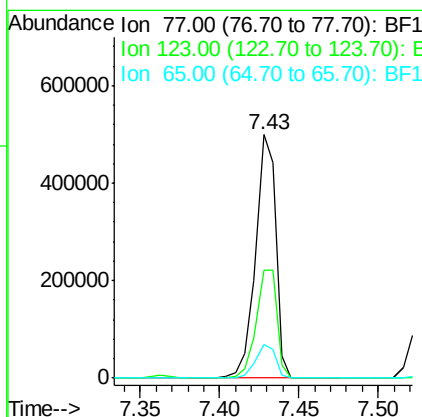
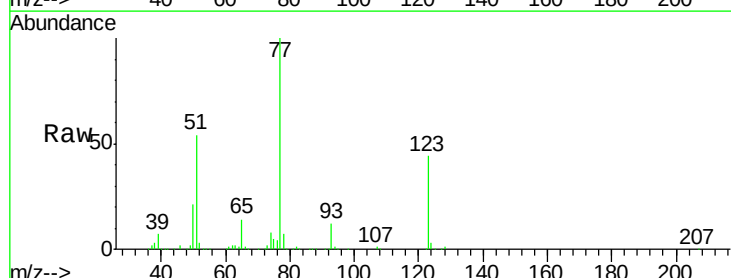
RT: 7.43 min Scan# 908

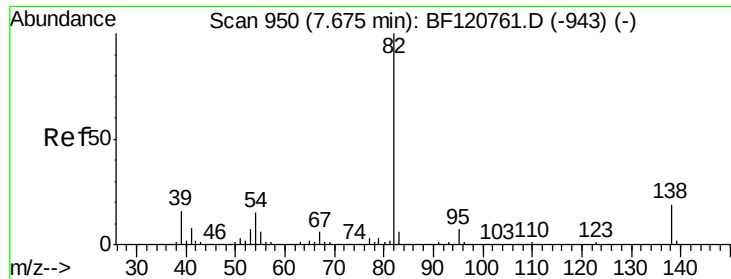
Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	77	Resp:	444544
Ion Ratio	Lower	Upper	
77	100		
123	44.3	36.1	54.1
65	14.0	11.0	16.4





#25

Isophorone

Concen: 42.049 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

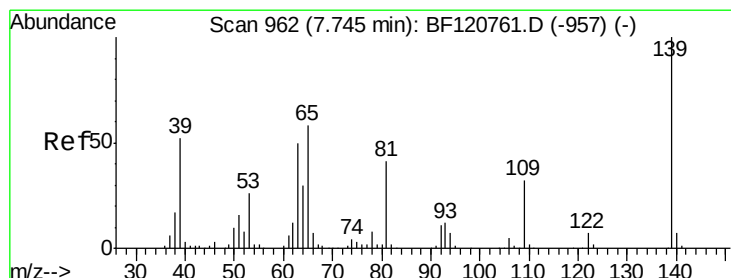
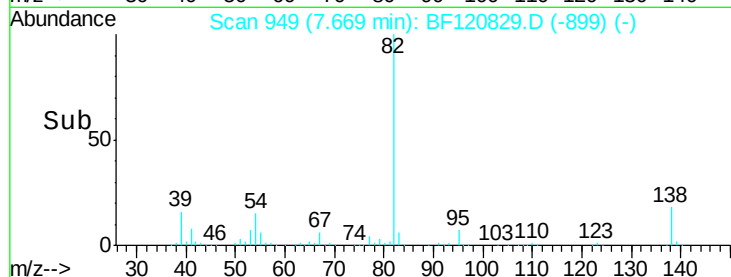
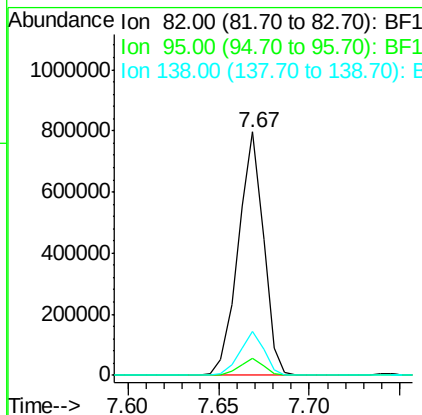
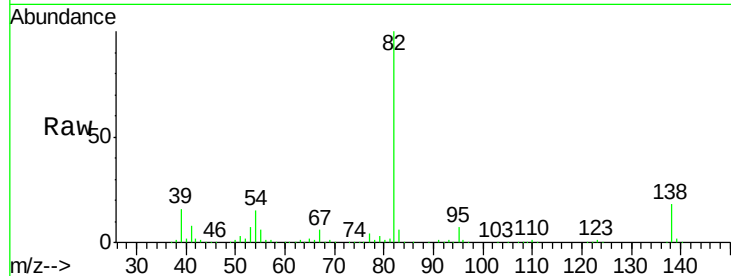
ClientSampleId :

PB130090BS

Tot Ion:	82	Resp:	770759
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.9	15.0	22.4

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#26

2-Nitrophenol

Concen: 47.982 ng

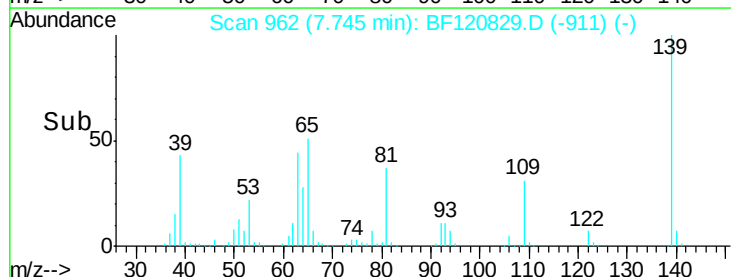
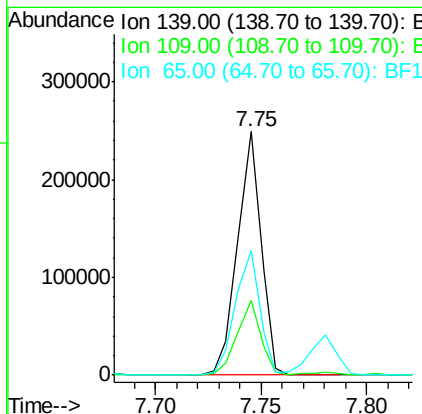
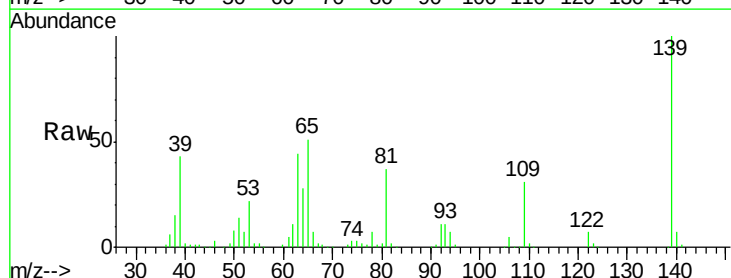
RT: 7.75 min Scan# 962

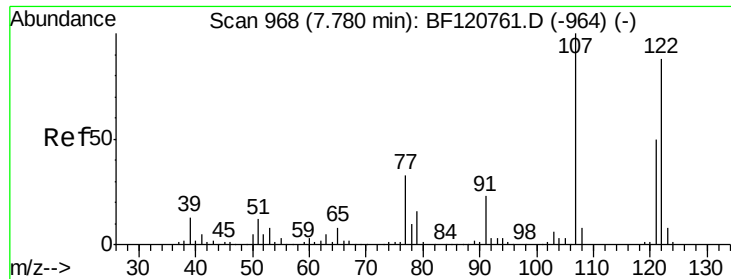
Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	139	Resp:	192500
Ion Ratio		Lower	Upper
139	100		
109	30.5	25.3	37.9
65	51.3	46.2	69.2





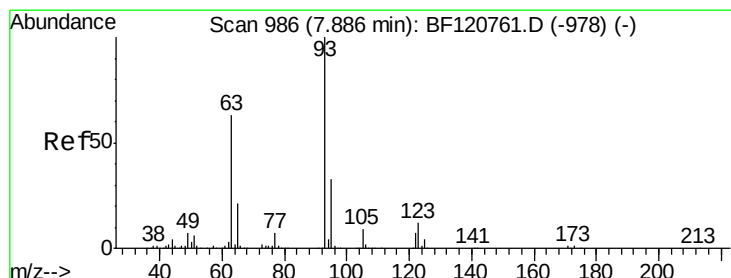
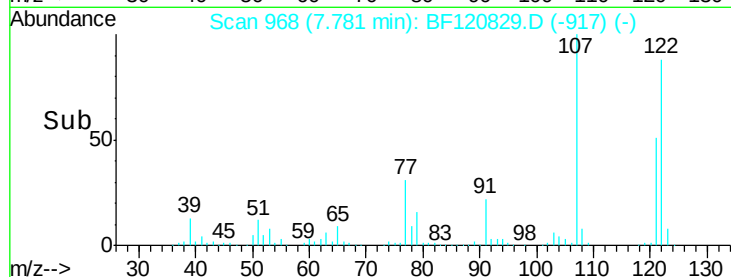
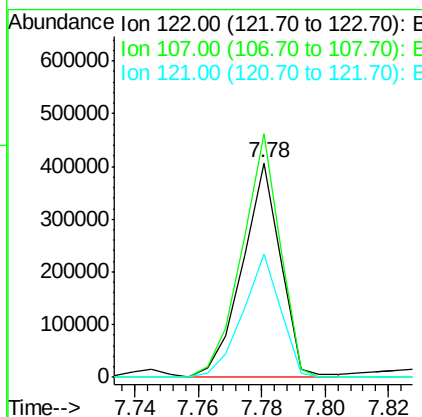
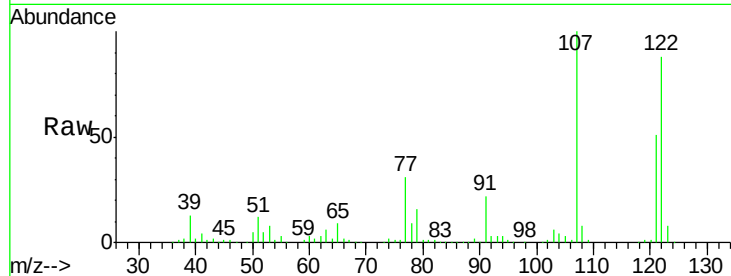
#27
2,4-Dimethylphenol
Concen: 46.841 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		342745		
107	113.4	90.7	136.1		
121	57.3	45.4	68.0		

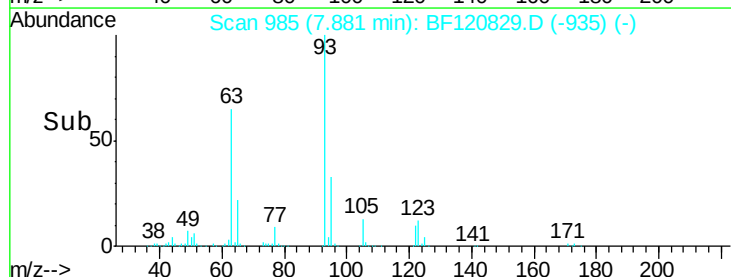
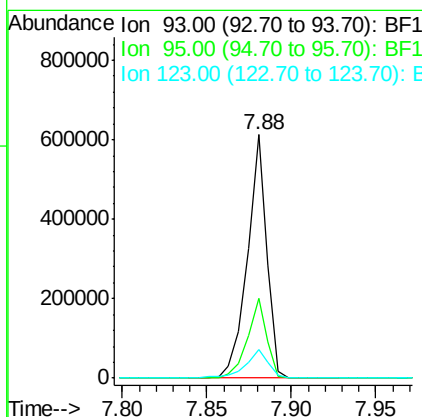
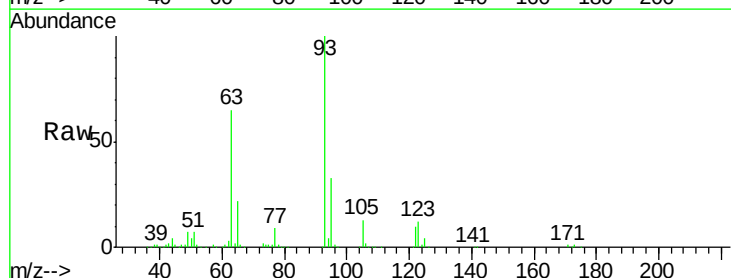
Manual Integrations
APPROVED

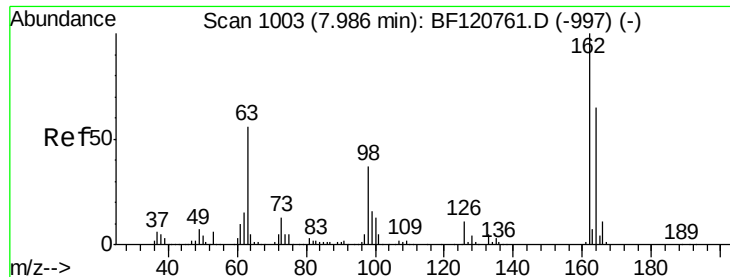
mohammad
7/13/2020 1:04:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.310 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		491547		
95	32.8	26.4	39.6		
123	11.8	10.2	15.2		





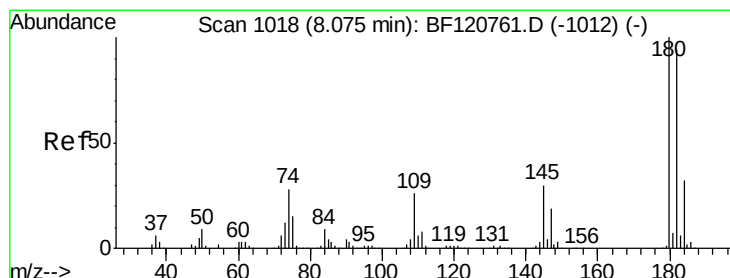
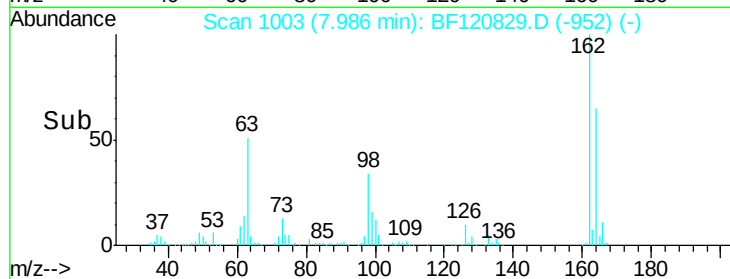
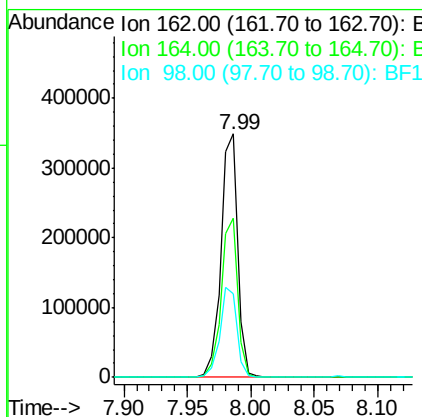
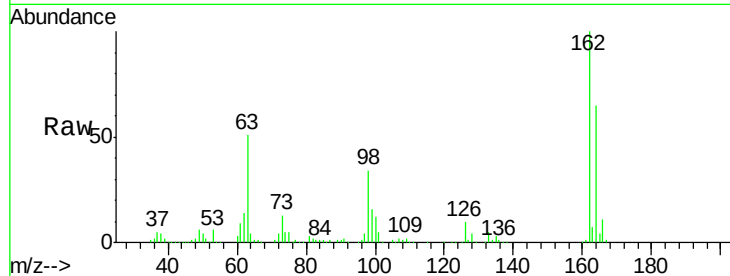
#29
2,4-Dichlorophenol
Concen: 44.299 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	323594		
164	65.2	45.2	85.2	
98	34.3	17.0	57.0	

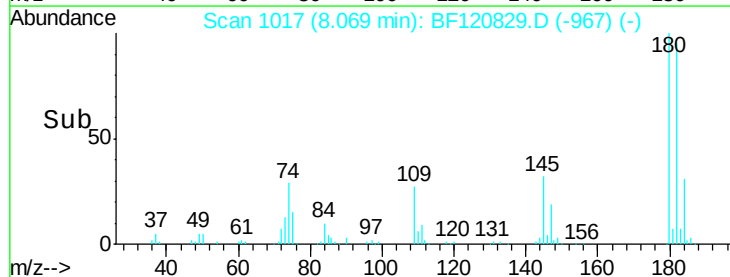
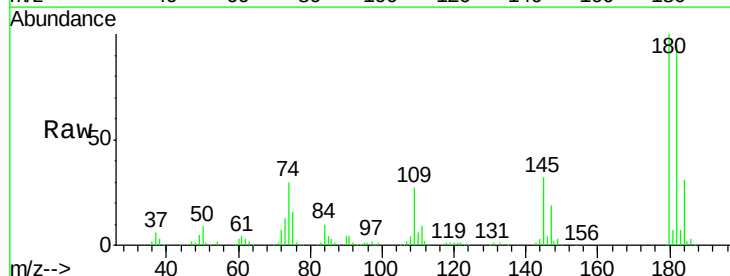
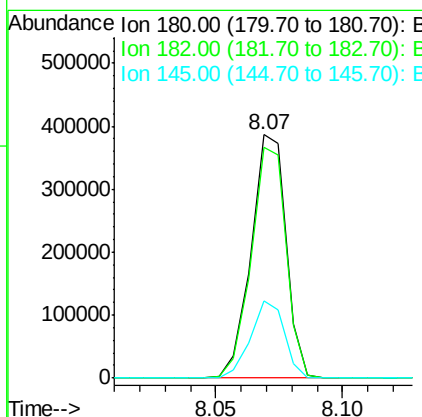
Manual Integrations
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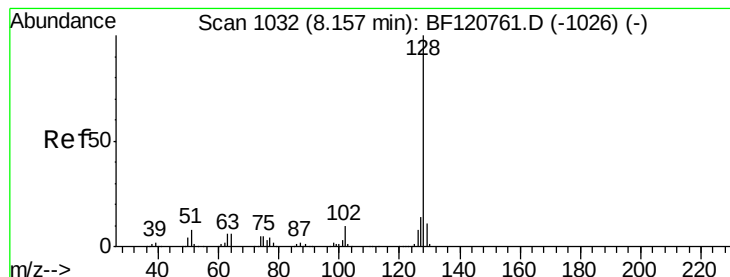
mohammad
7/13/2020 1:04:37 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.323 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	371860		
182	95.0	75.5	113.3	
145	31.5	24.1	36.1	





#31

Naphthalene

Concen: 44.678 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

Tot Ion:128 Resp: 1175814

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

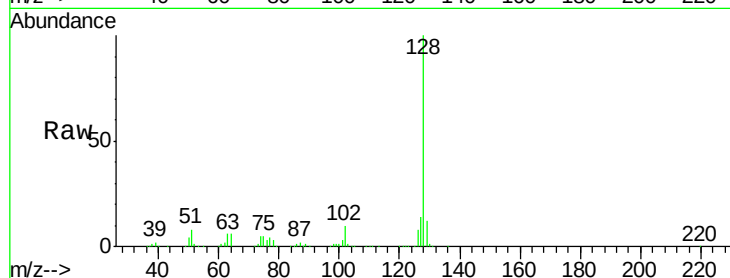
127 13.7 11.1 16.7

Manual Integrations

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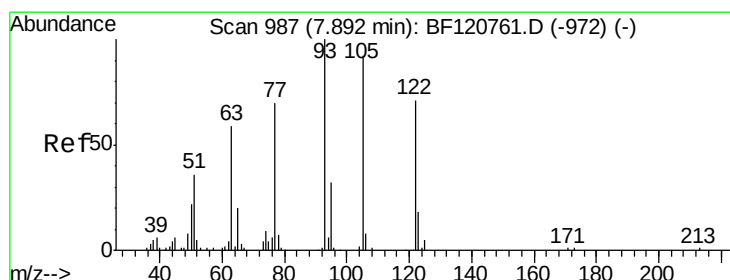
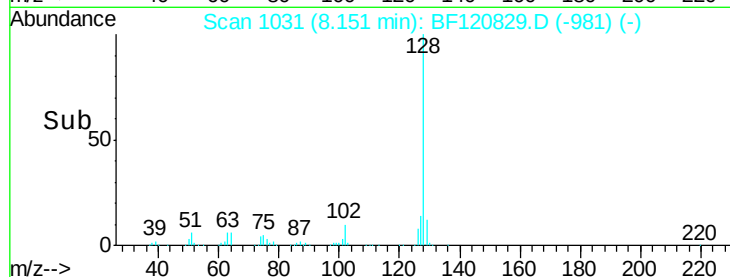
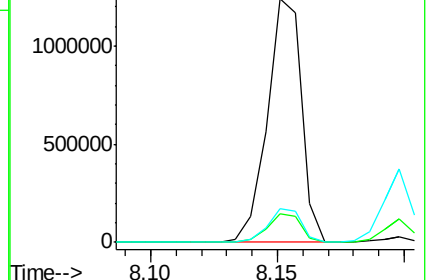
7/13/2020 1:04:37 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.596 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

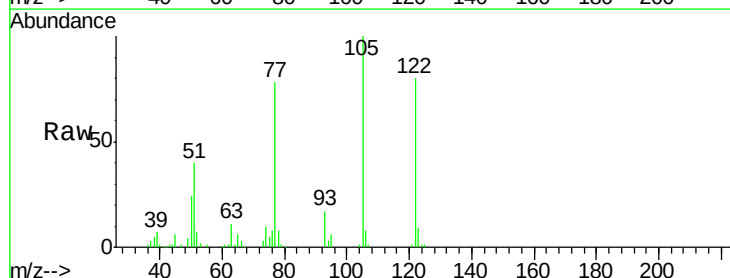
Tgt Ion:122 Resp: 206341

Ion Ratio Lower Upper

122 100

105 125.0 105.8 145.8

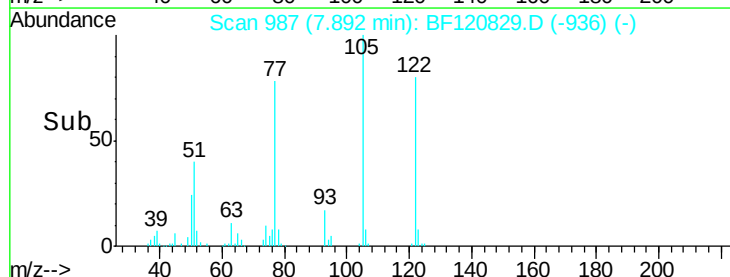
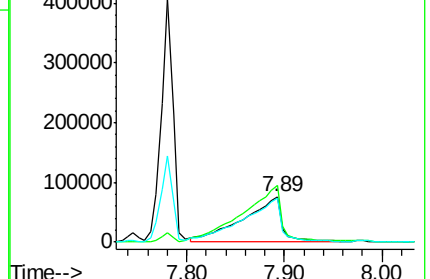
77 97.7 77.3 117.3

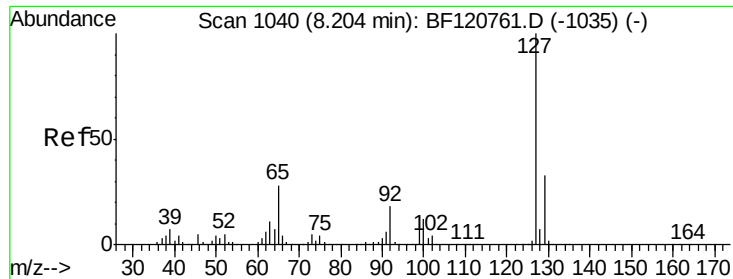


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





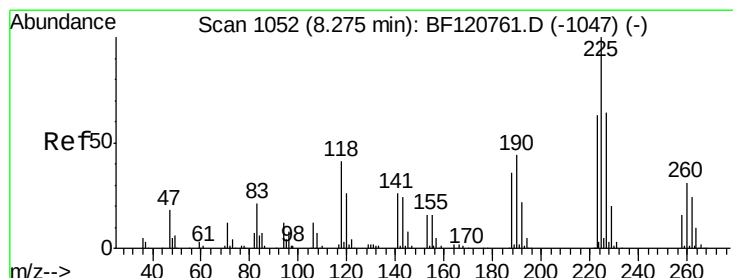
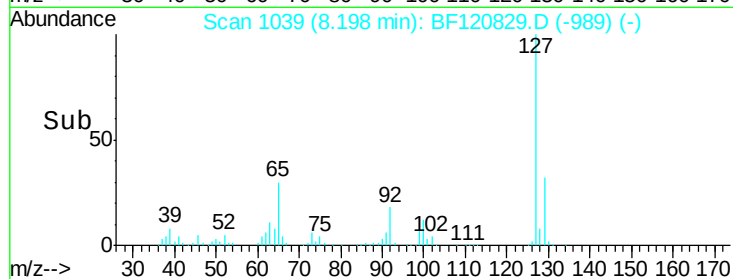
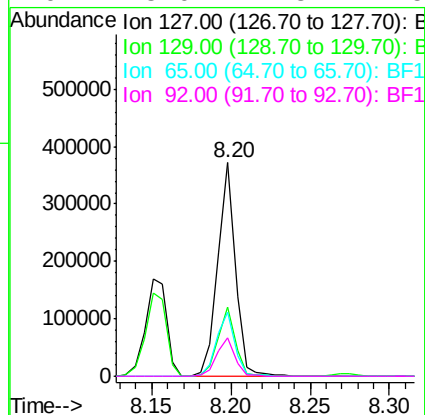
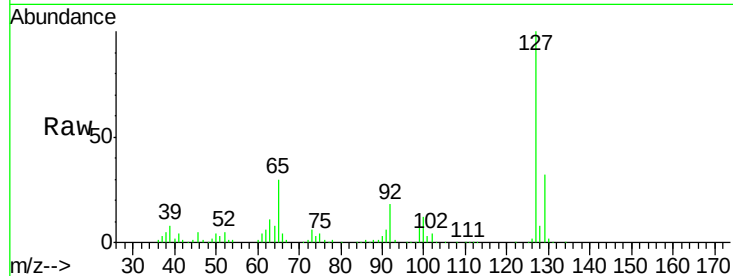
#33
4-Chloroaniline
Concen: 26.048 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		290898		
129	32.4	26.6	39.8		
65	30.0	22.7	34.1		
92	18.0	14.3	21.5		

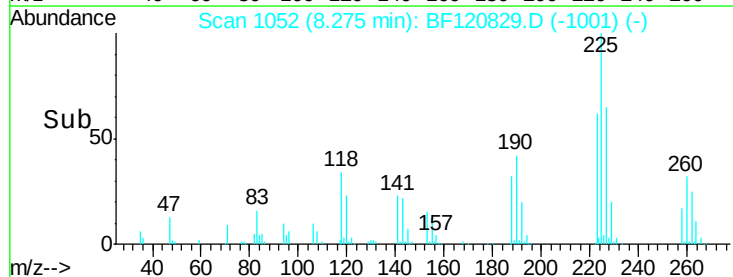
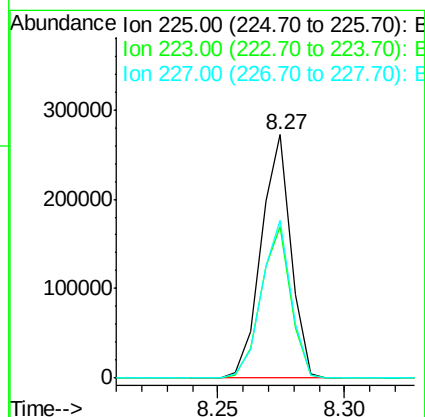
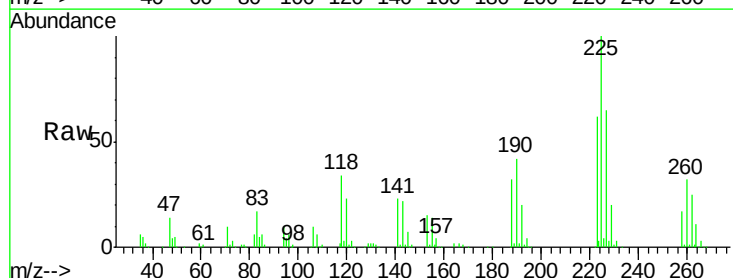
Manual Integrations
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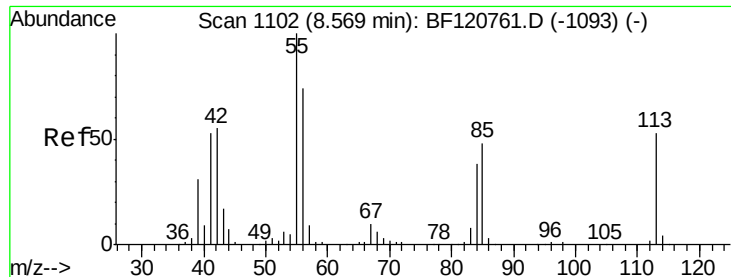
mohammad
7/13/2020 1:04:37 PM



#34
Hexachlorobutadiene
Concen: 44.945 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		221781		
223	62.1	50.6	76.0		
227	64.8	51.4	77.2		





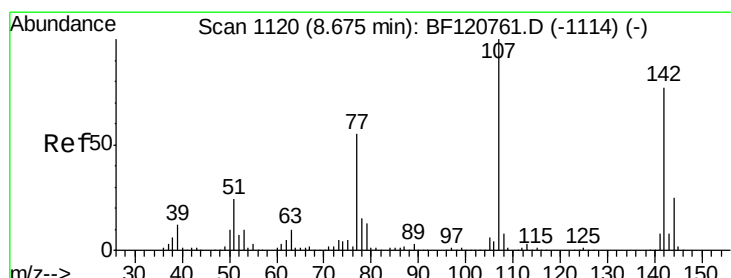
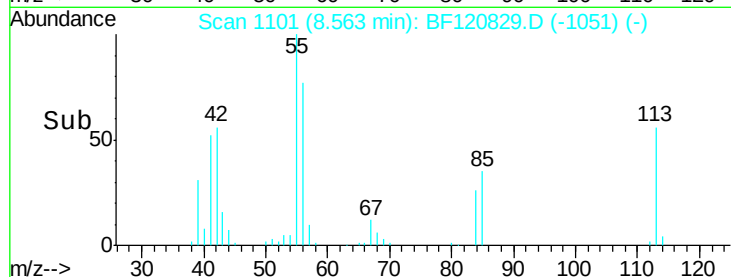
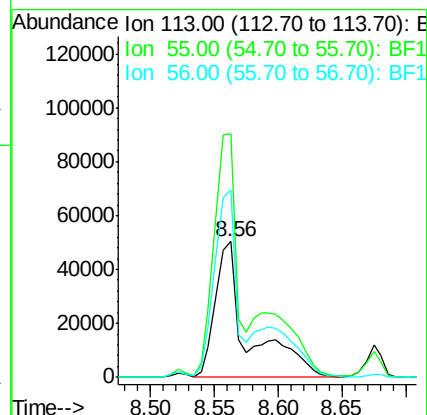
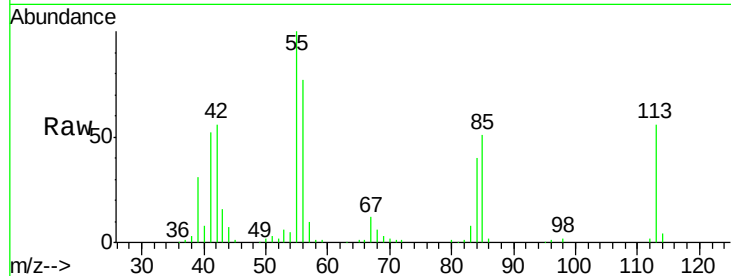
#35
 Caprolactam
 Concen: 42.049 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleID :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.7	168.3	208.3
56	138.4	118.8	158.8

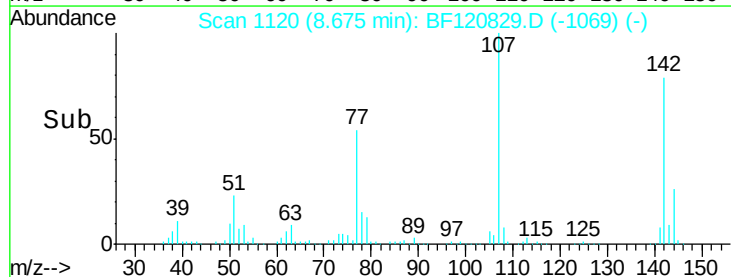
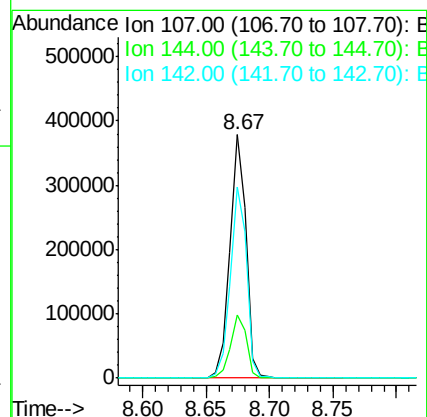
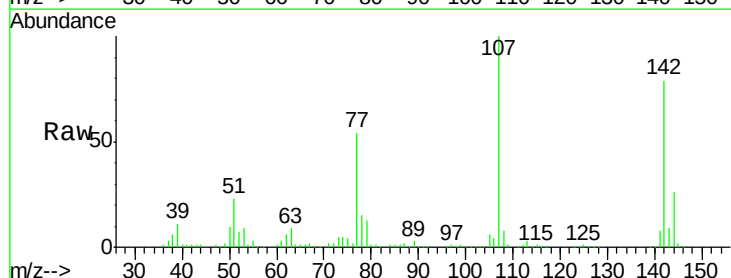
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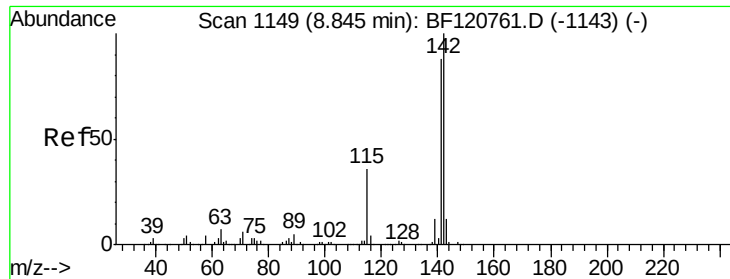
mohammad
 7/13/2020 1:04:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 44.078 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.7	29.5
142	78.7	61.2	91.8





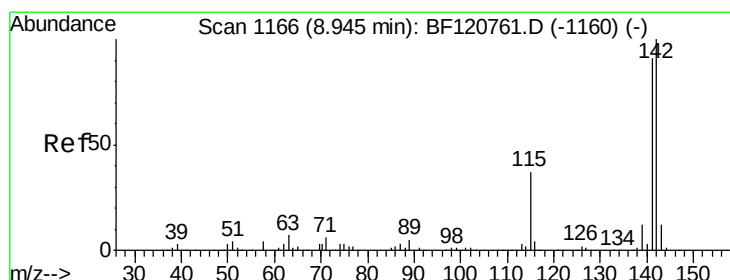
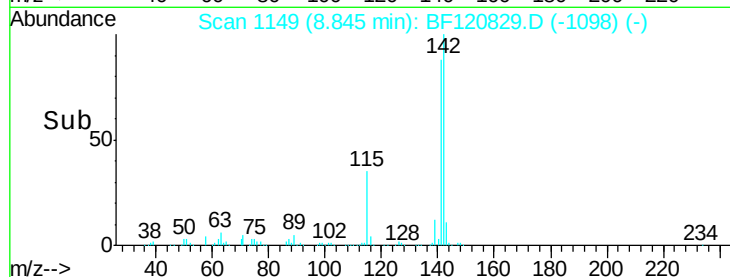
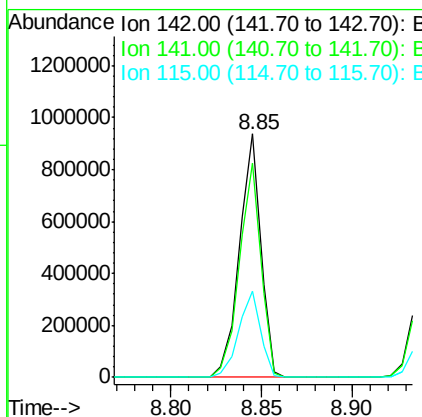
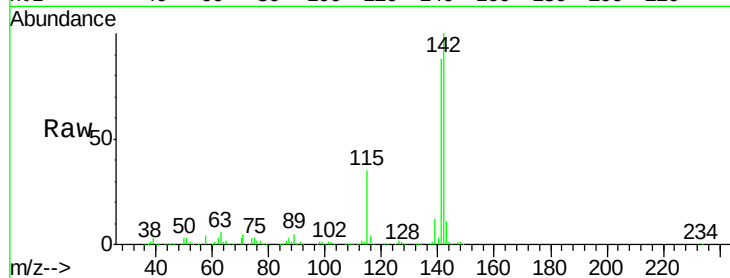
#37
2-Methylnaphthalene
Concen: 44.995 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	35.2	29.0	43.4

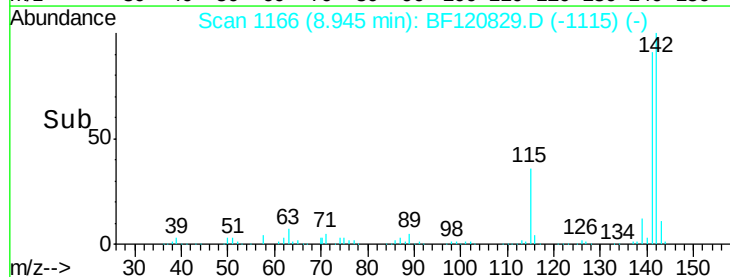
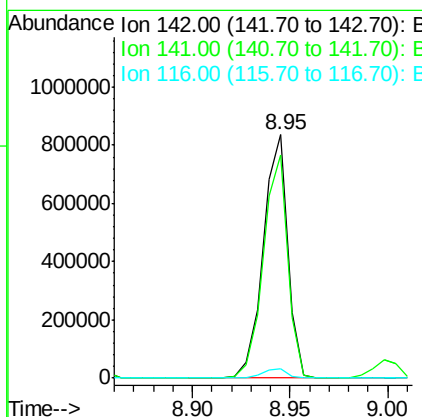
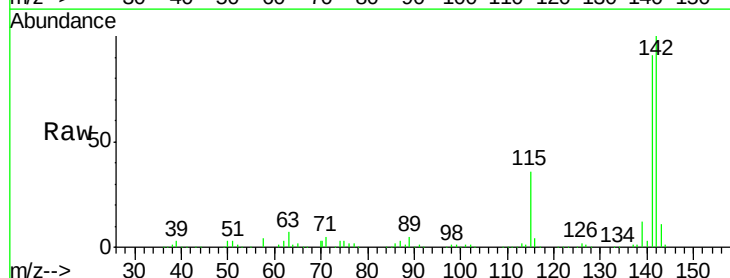
Manual Integrations
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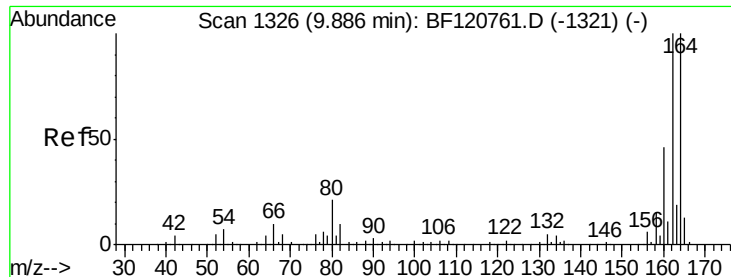
mohammad
7/13/2020 1:04:37 PM



#38
1-Methylnaphthalene
Concen: 45.172 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.5	108.7
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

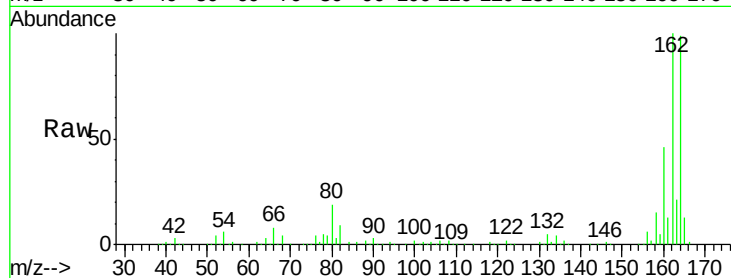
ClientSampleId :

PB130090BS

Tot Ion:	164	Resp:	233855
Ion Ratio	Lower	Upper	
164	100		
162	101.3	80.2	120.2
160	46.8	36.9	55.3

Manual Integrations
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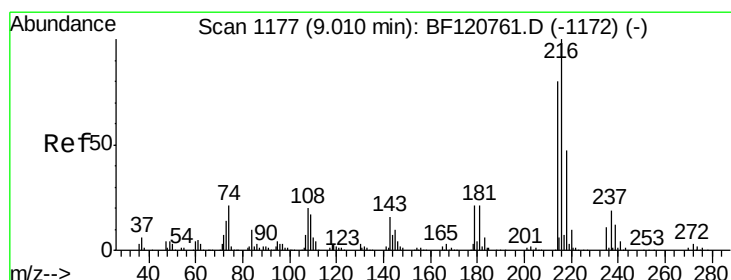
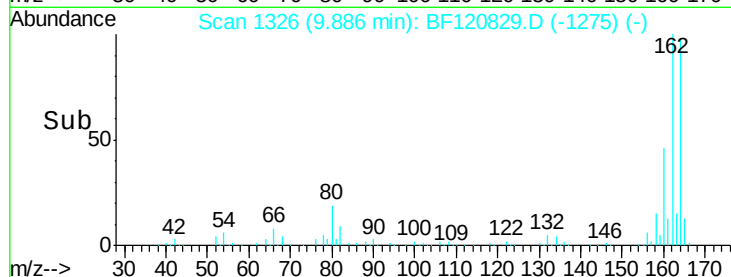
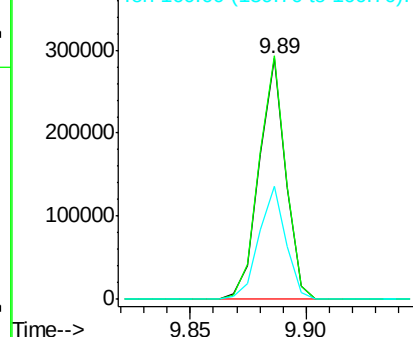


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.698 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	216	Resp:	330044
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.7	95.5
179	20.9	16.7	25.1
108	23.2	17.0	25.4

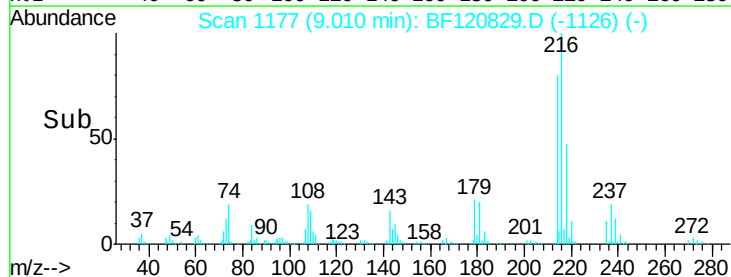
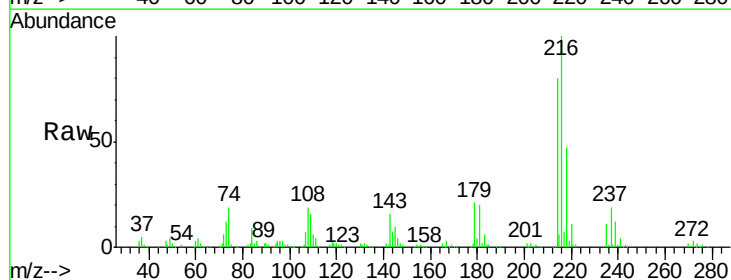
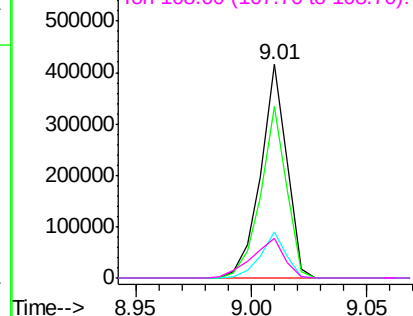
Abundance

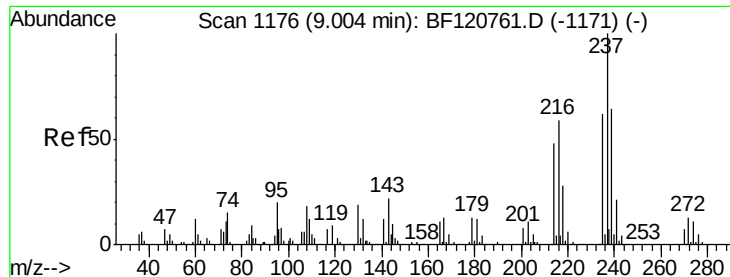
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





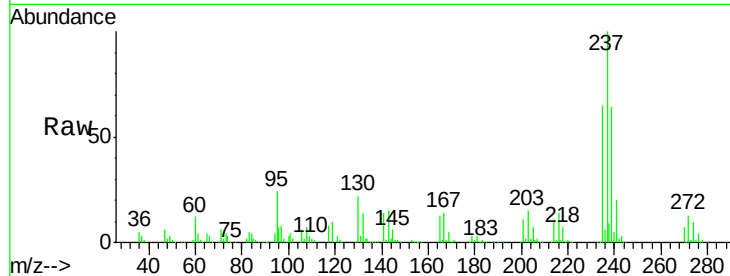
#41
Hexachlorocyclopentadiene
Concen: 101.051 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

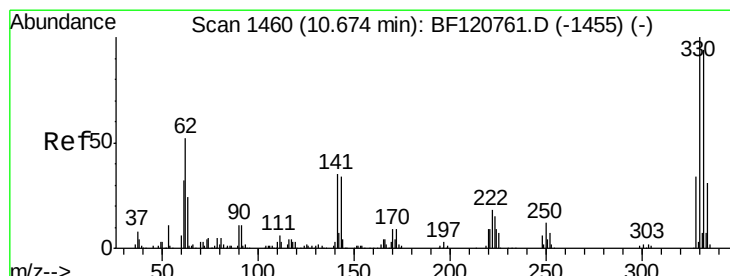
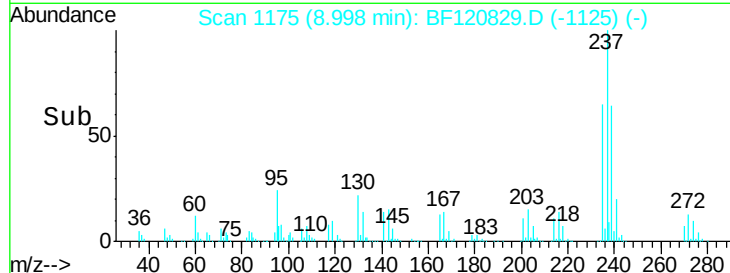
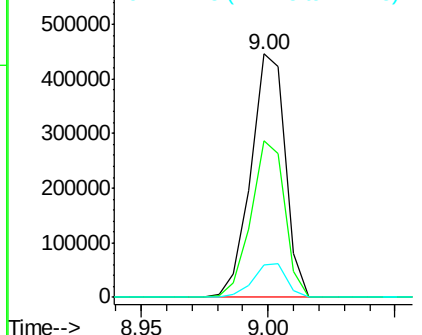
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	42.1	82.1
272	13.4	0.0	33.4

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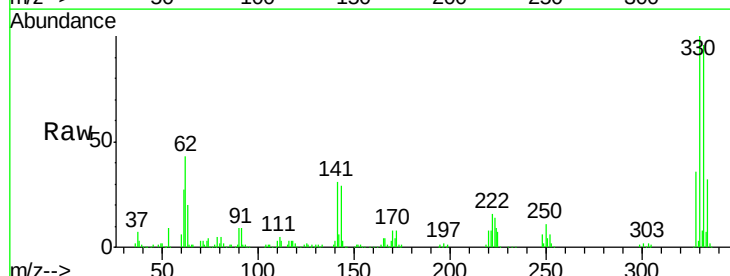


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

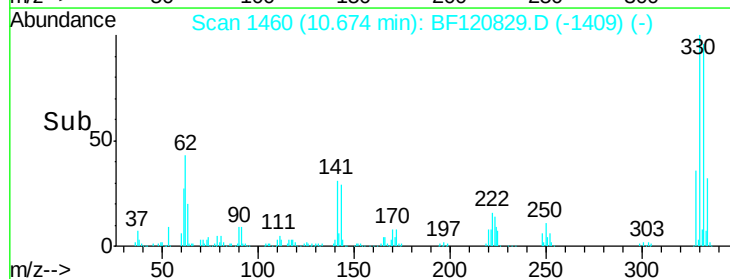
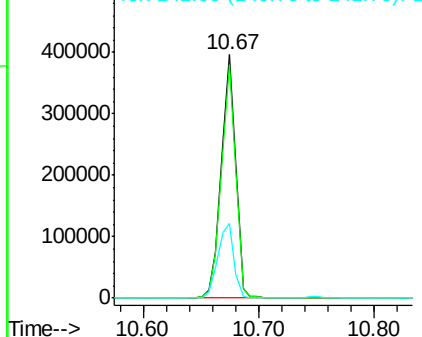


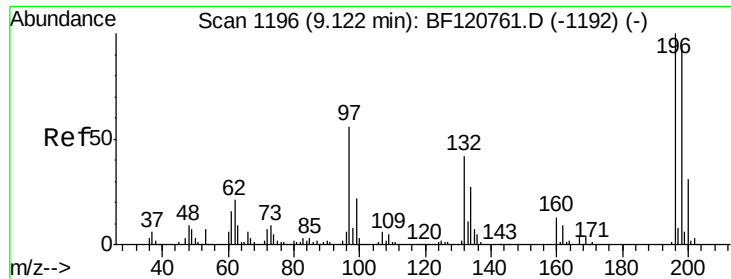
#42
2,4,6-Tribromophenol
Concen: 148.108 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	75.8	113.6
141	34.2	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





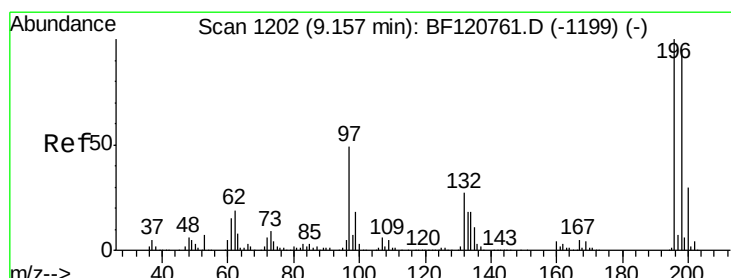
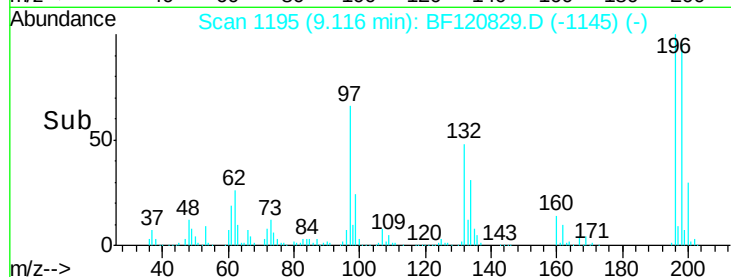
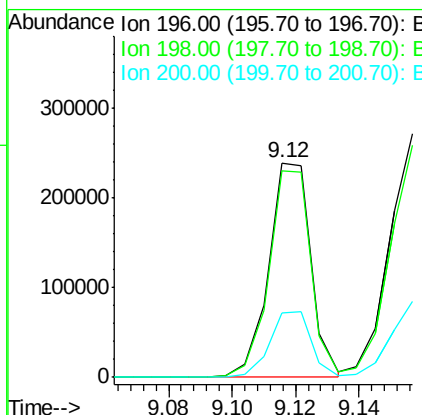
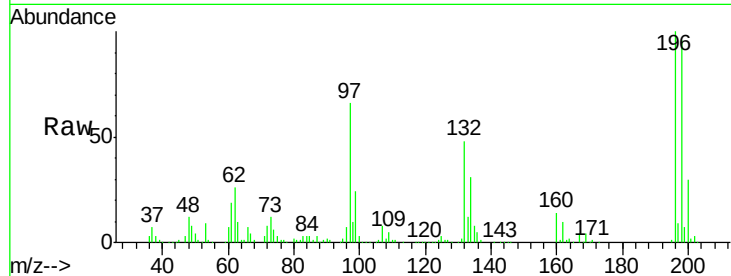
#43
 2,4,6-Trichlorophenol
 Concen: 46.061 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion:	196	Resp:	221828
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.3	112.9
200	29.8	24.4	36.6

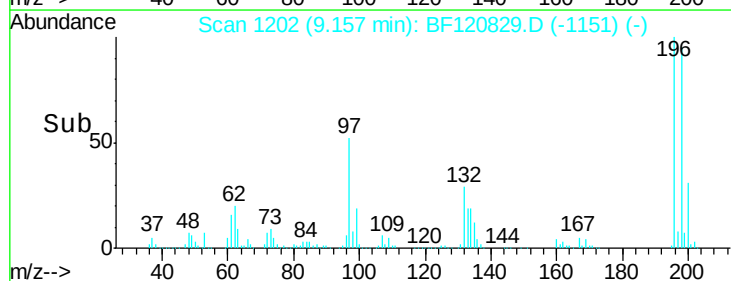
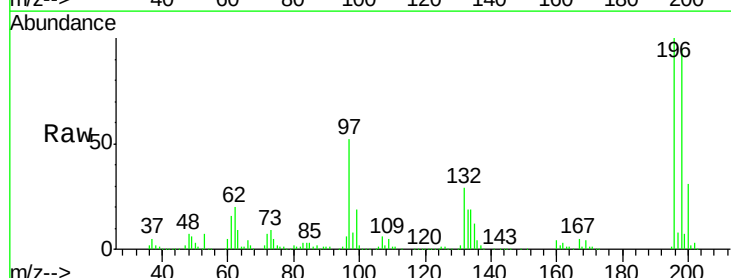
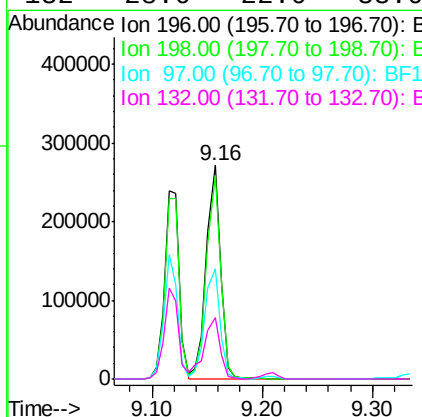
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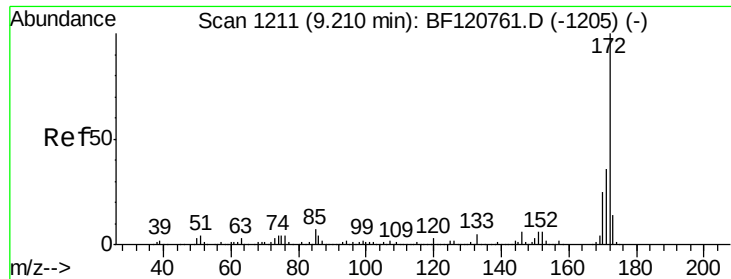
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.416 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:	196	Resp:	237390
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.2	114.2
97	51.7	39.6	59.4
132	28.6	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 98.850 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

Tot Ion:172 Resp: 1527921

Ion Ratio Lower Upper

172 100

171 36.7 29.1 43.7

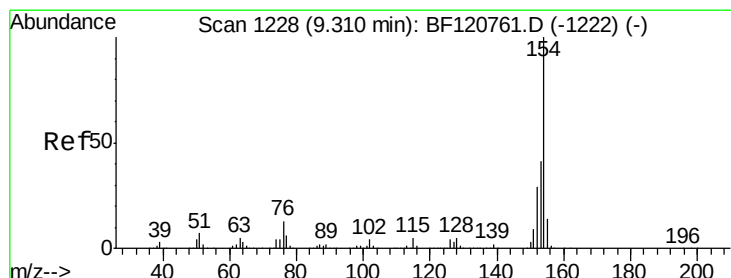
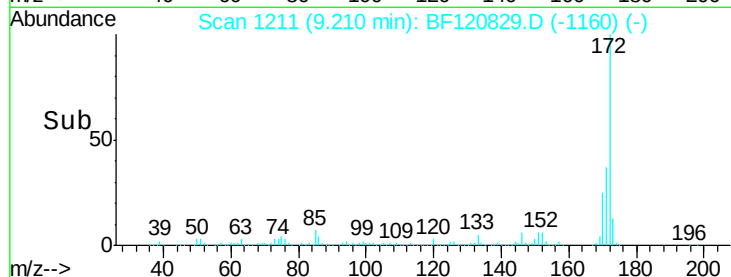
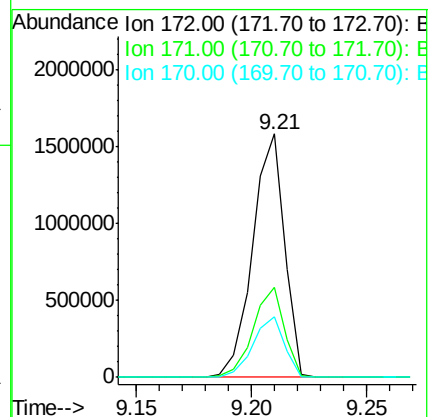
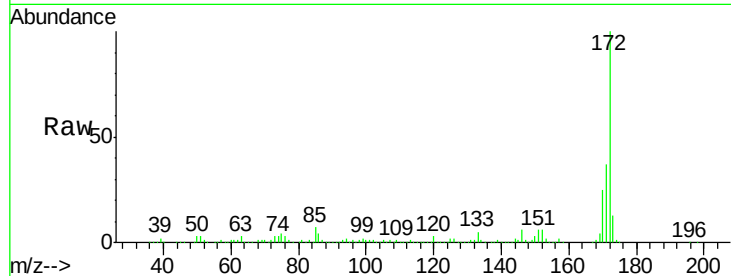
170 24.6 19.8 29.6

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#46

1,1'-Biphenyl

Concen: 47.081 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

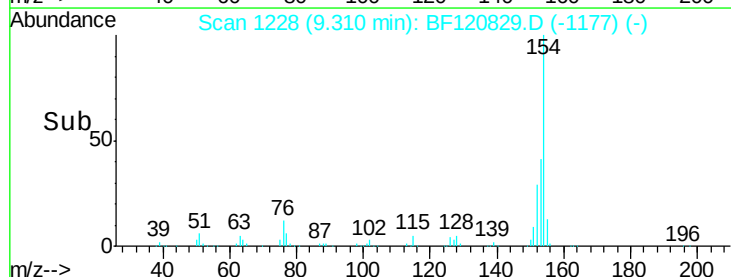
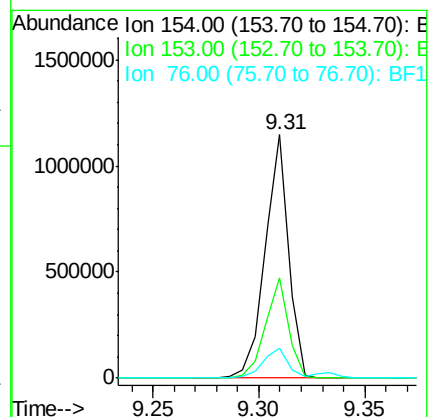
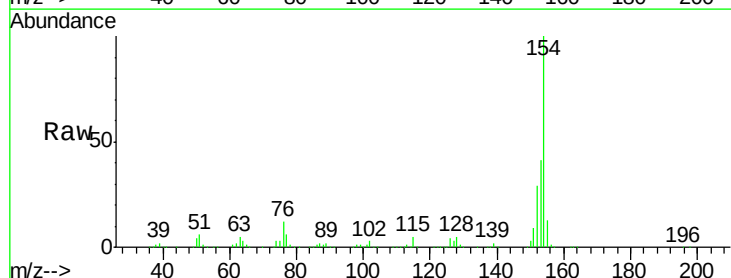
Tgt Ion:154 Resp: 888106

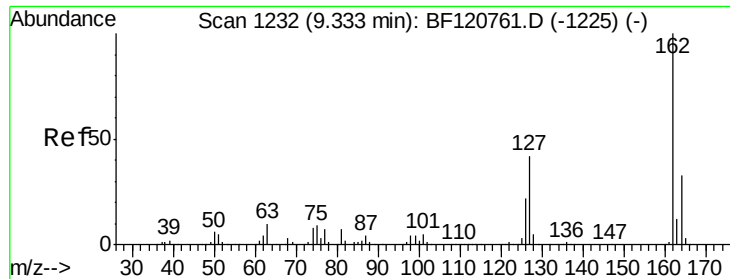
Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

76 12.2 0.0 33.3





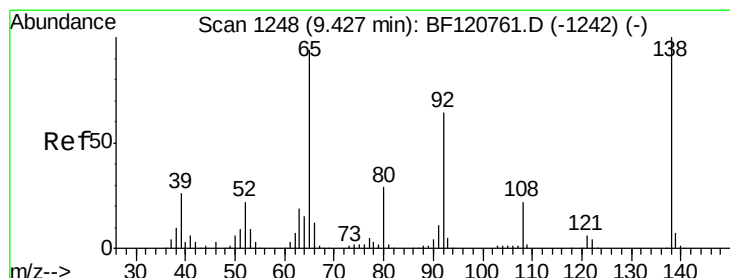
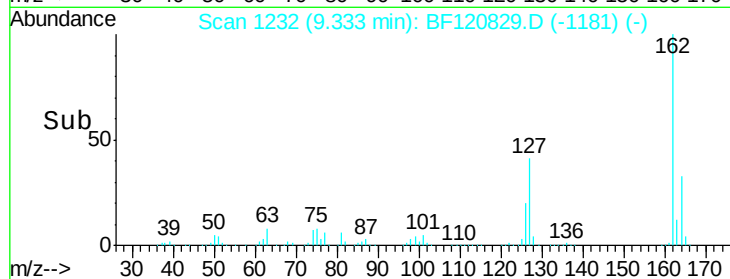
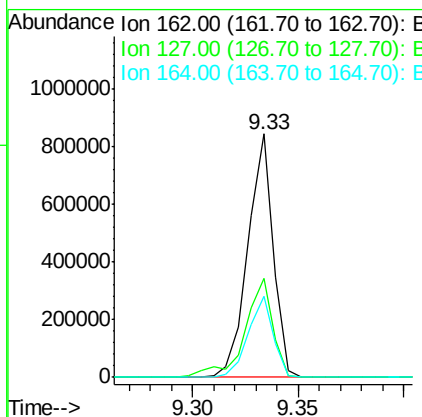
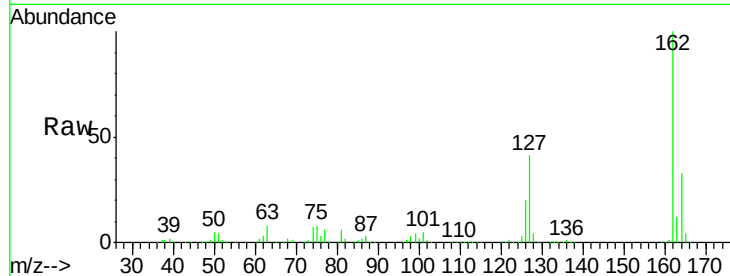
#47
2-Chloronaphthalene
Concen: 46.499 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampled :
PB130090BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.7	50.5
164	33.2	26.4	39.6

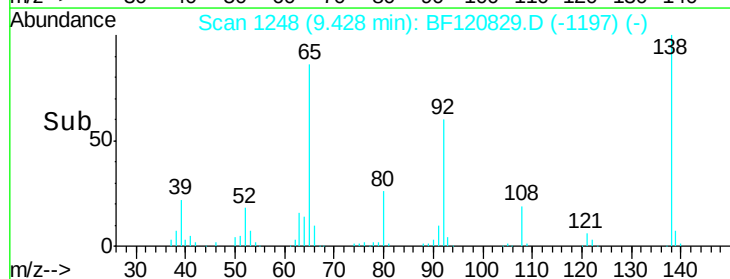
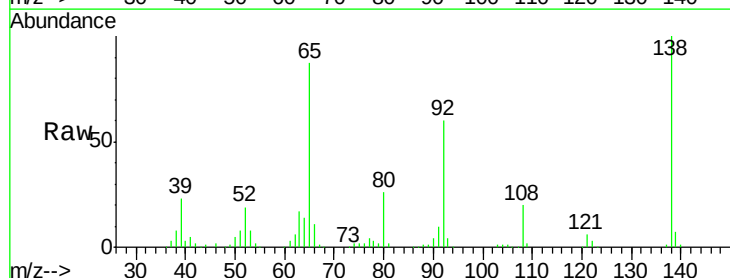
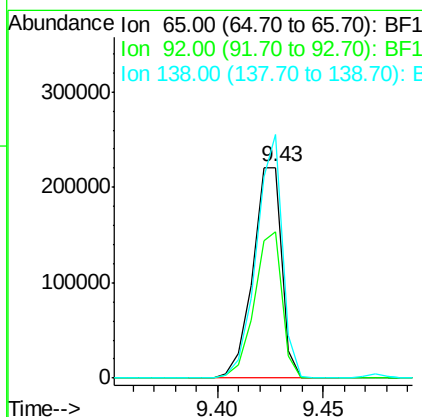
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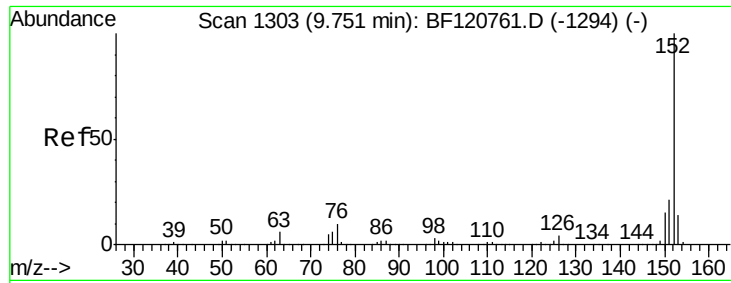
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#48
2-Nitroaniline
Concen: 46.783 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.4	81.6
138	115.5	84.7	127.1





#49

Acenaphthylene

Concen: 44.957 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

Tot Ion:152 Resp: 1065166

Ion Ratio Lower Upper

152 100

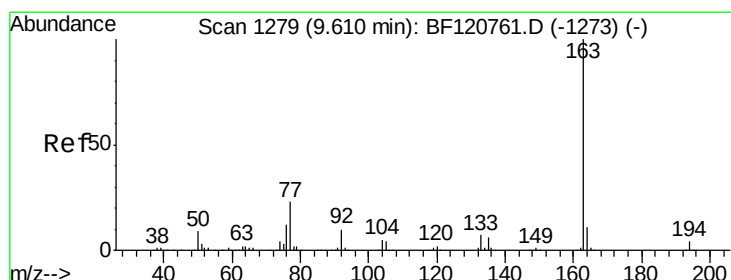
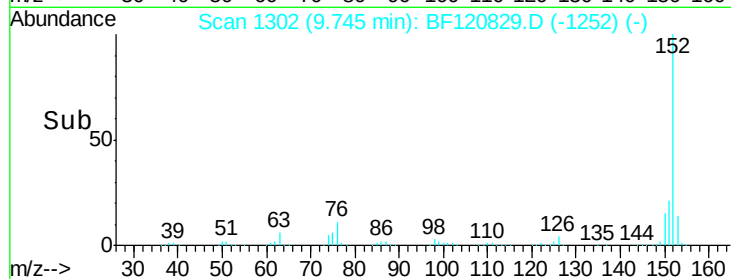
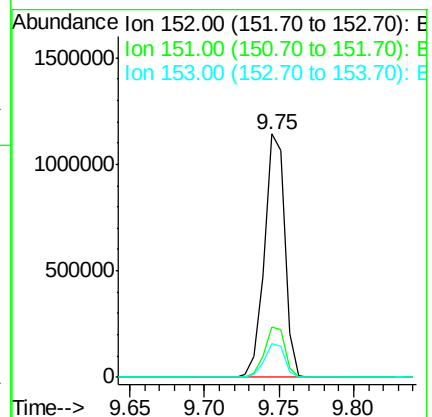
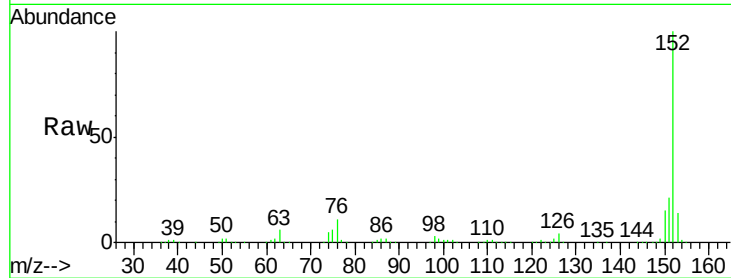
151 20.9 16.9 25.3

153 13.8 10.8 16.2

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#50

Dimethylphthalate

Concen: 45.077 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

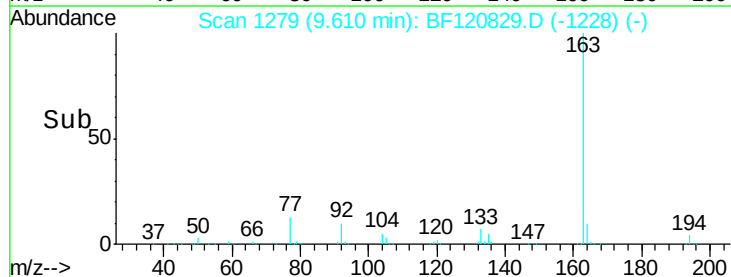
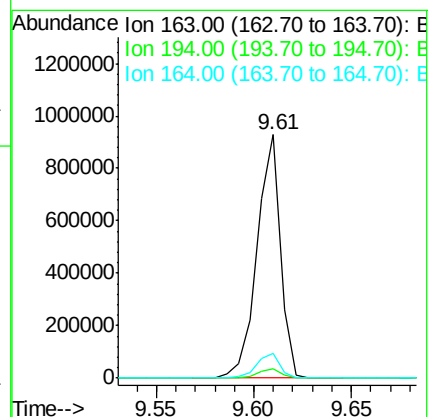
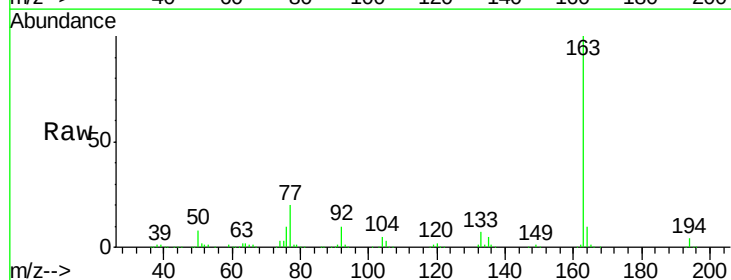
Tgt Ion:163 Resp: 768978

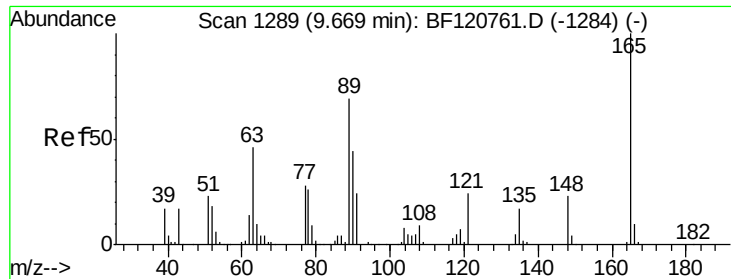
Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

164 10.2 8.5 12.7





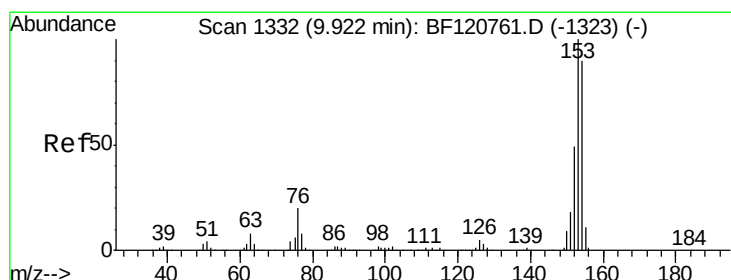
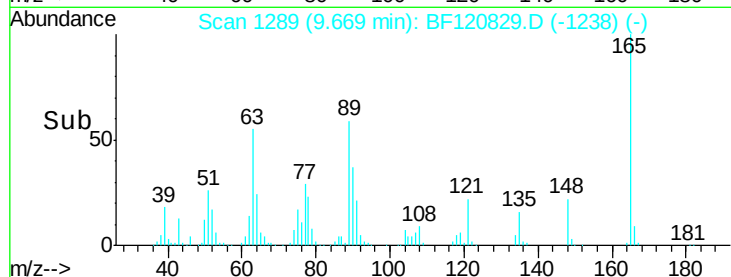
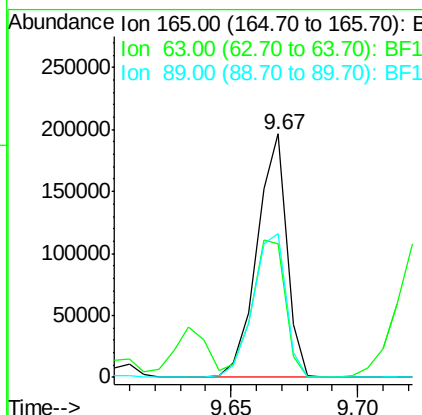
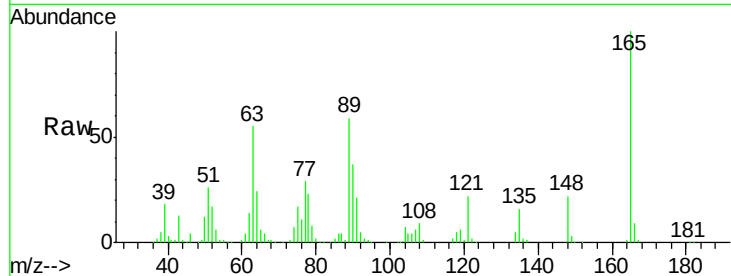
#51
 2,6-Dinitrotoluene
 Concen: 47.653 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.9	54.0	81.0
89	59.0	55.4	83.2

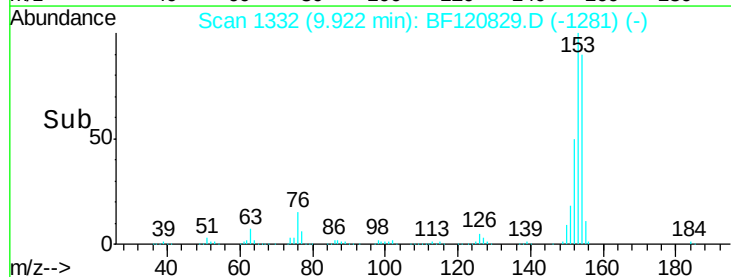
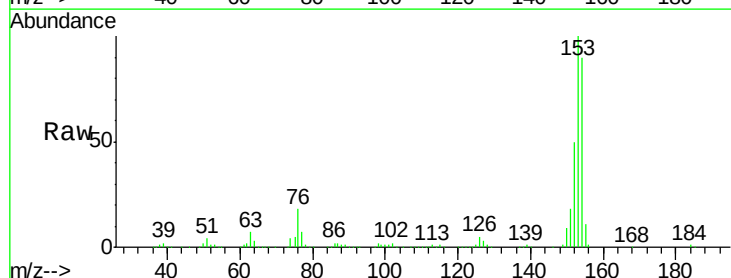
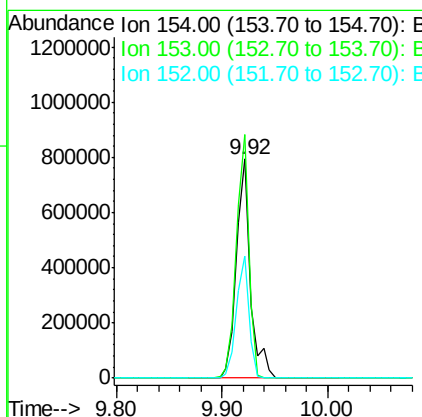
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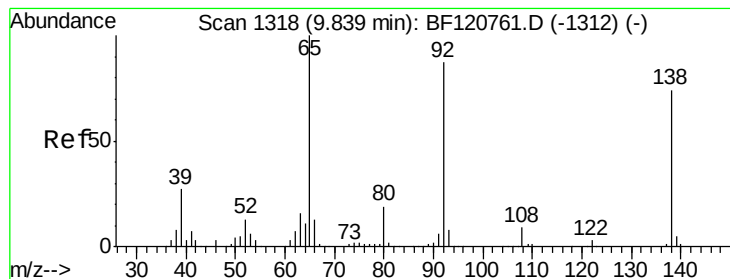
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#52
 Acenaphthene
 Concen: 49.098 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.3	88.6	132.8
152	55.6	43.6	65.4





#53

3-Nitroaniline

Concen: 29.729 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

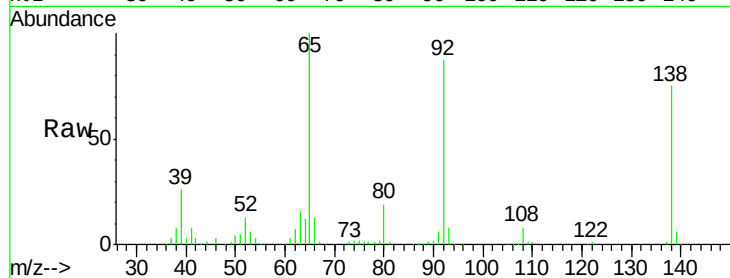
ClientSampleId :

PB130090BS

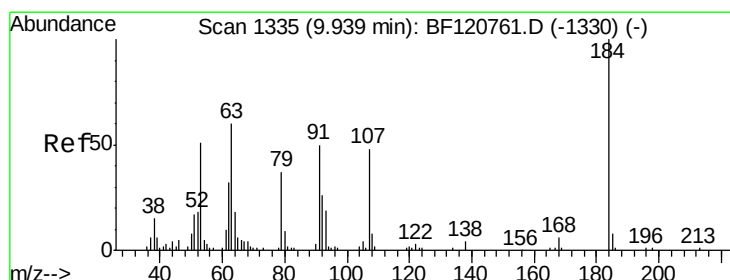
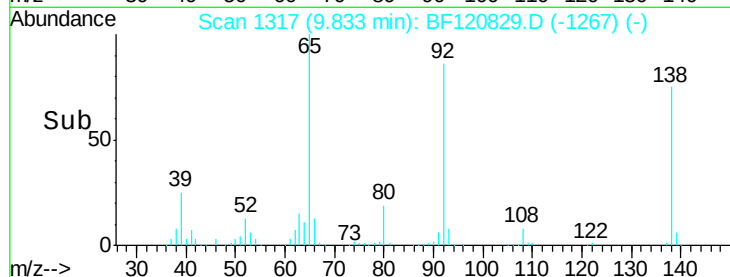
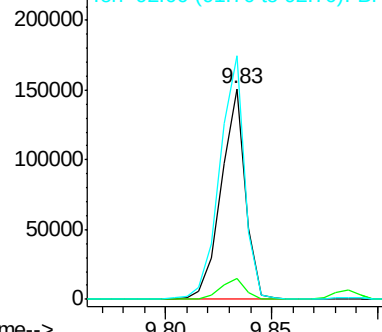
Tot Ion:	138	Resp:	120034
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.8	14.6
92	115.6	93.4	140.2

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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: 91.997 ng

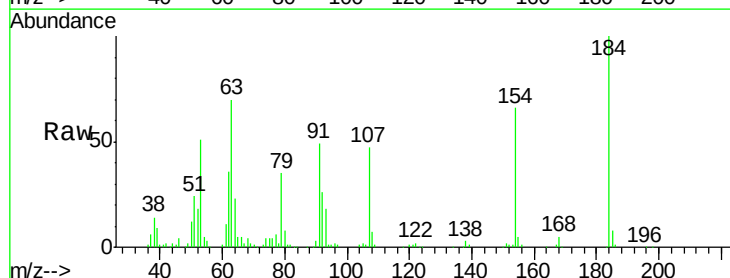
RT: 9.94 min Scan# 1335

Delta R.T. 0.00 min

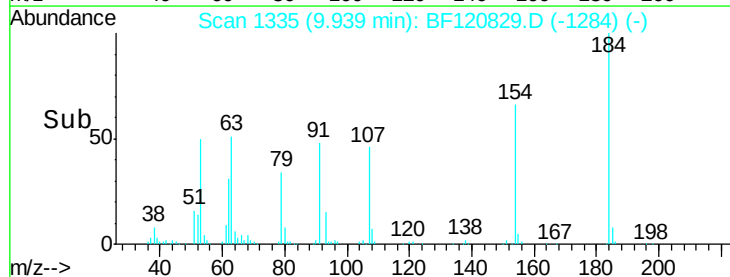
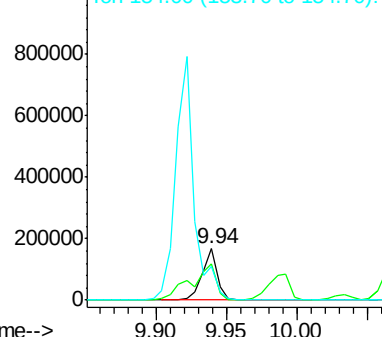
Lab File: BF120829.D

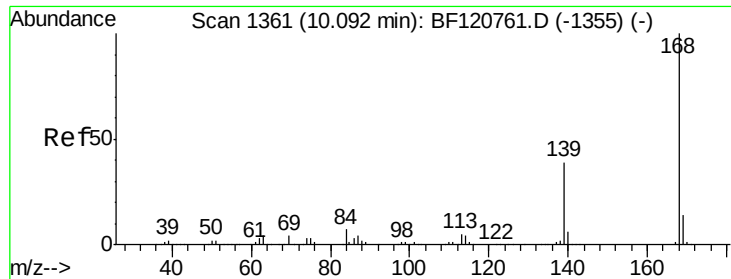
Acq: 10 Jul 2020 14:05

Tgt Ion:	184	Resp:	124873
Ion Ratio	Lower	Upper	
184	100		
63	69.6	57.3	85.9
154	65.6	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

Dibenzenofuran

Concen: 45.238 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

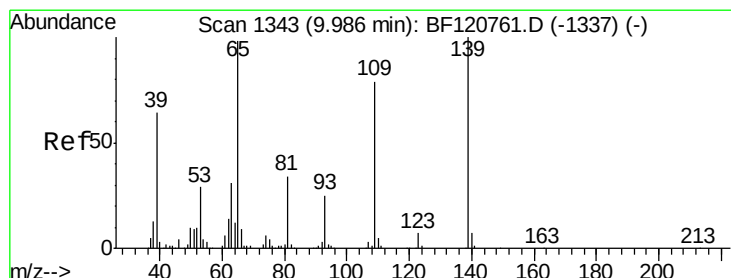
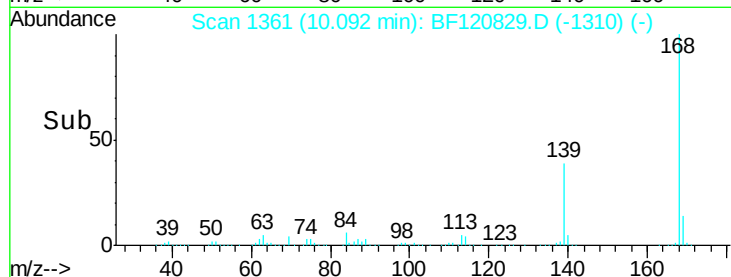
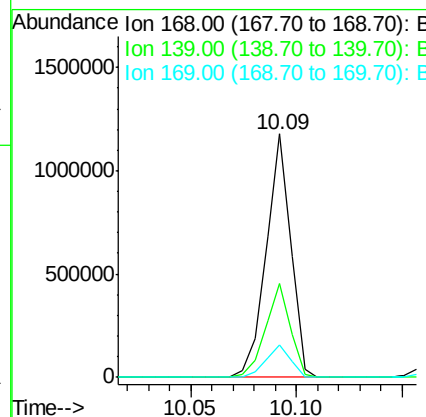
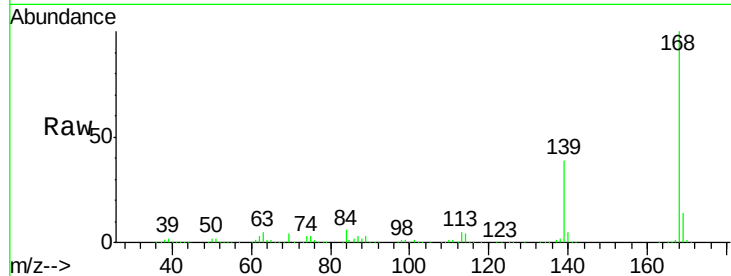
ClientSampleId :

PB130090BS

Tot Ion:	168	Resp:	958454
Ion Ratio	Lower	Upper	
168	100		
139	38.7	31.3	46.9
169	13.5	11.2	16.8

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#56

4-Nitrophenol

Concen: 89.922 ng

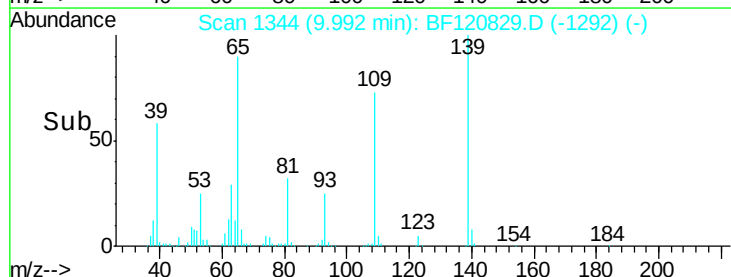
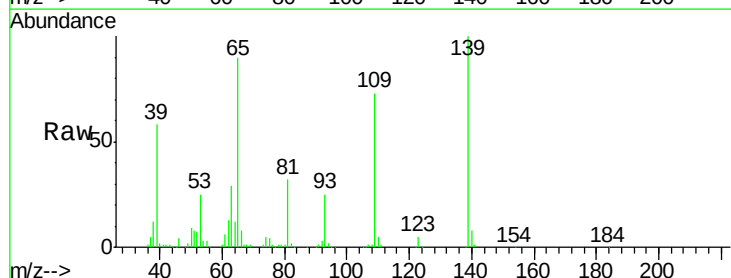
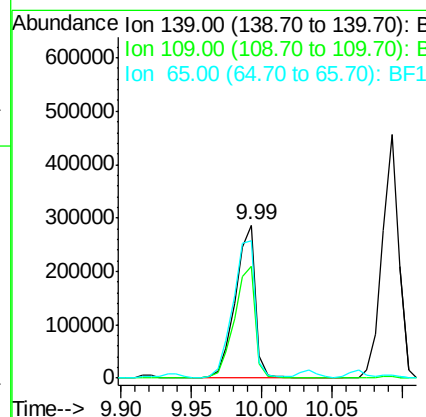
RT: 9.99 min Scan# 1344

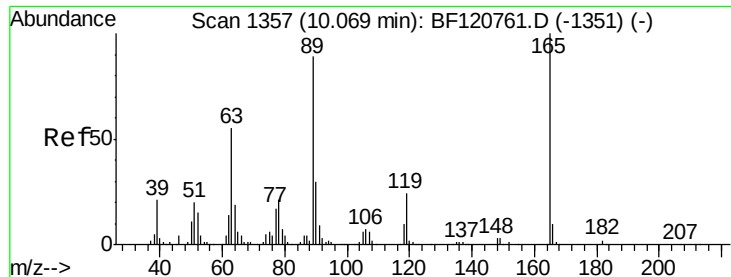
Delta R.T. 0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	139	Resp:	282157
Ion Ratio	Lower	Upper	
139	100		
109	72.7	58.6	98.6
65	89.8	78.7	118.7





#57

2,4-Dinitrotoluene

Concen: 49.681 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

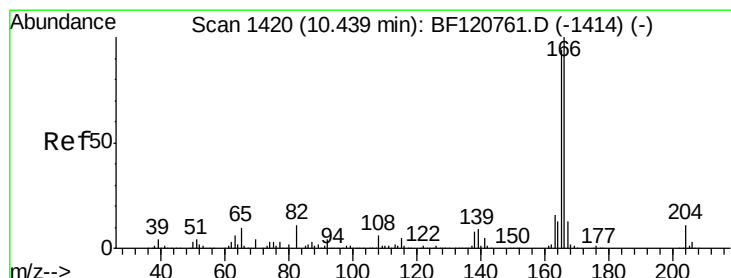
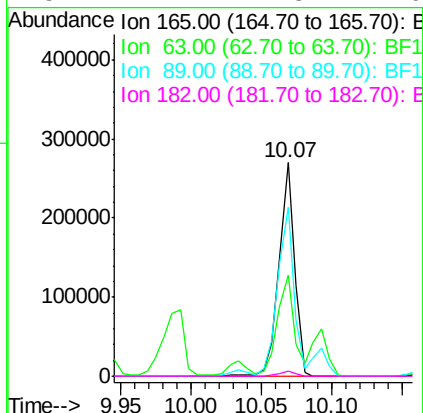
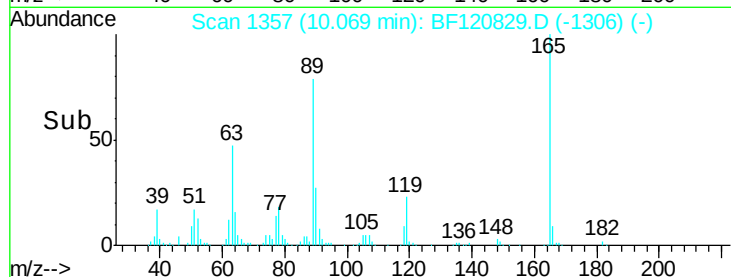
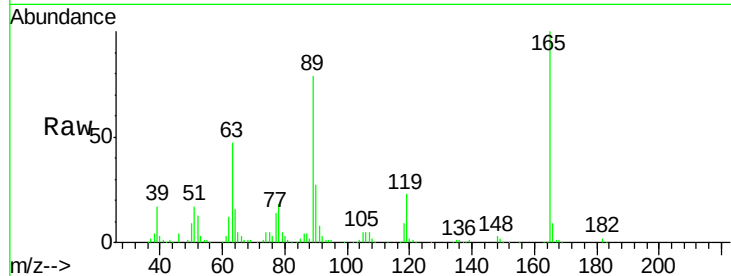
ClientSampleId :

PB130090BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		210298		
63	47.2		43.8	65.8	
89	78.8		71.4	107.2	
182	2.1		1.8	2.6	

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#58

Fluorene

Concen: 45.672 ng

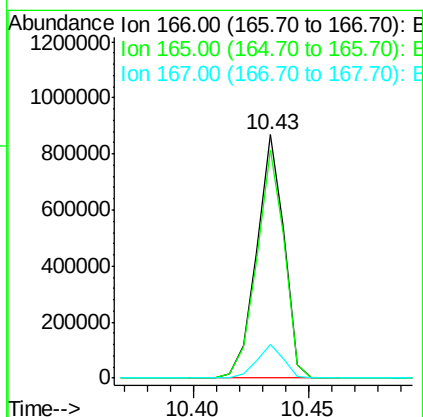
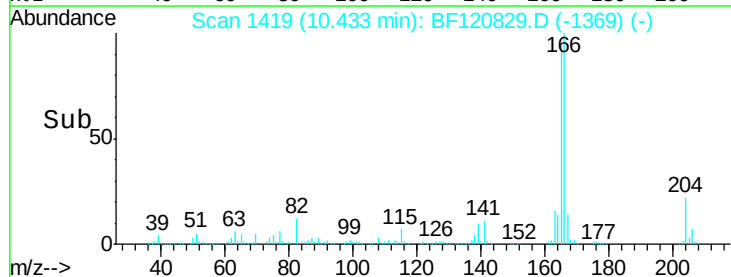
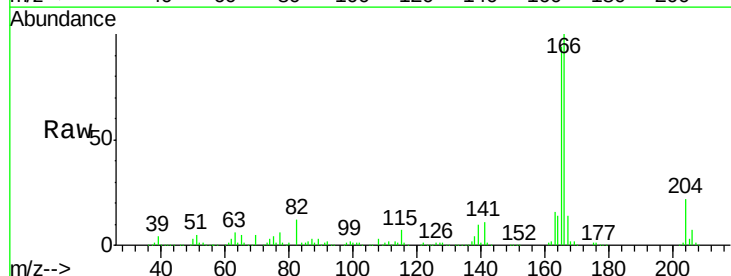
RT: 10.43 min Scan# 1419

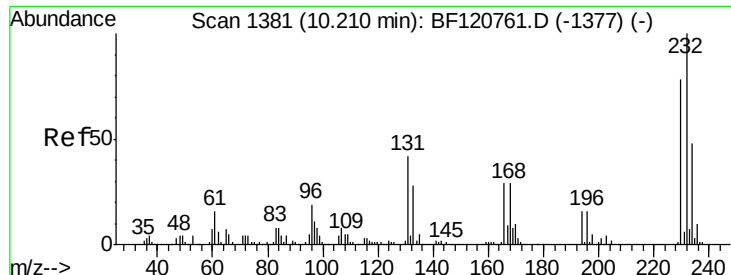
Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		720259		
165	93.9		75.5	113.3	
167	13.8		10.6	16.0	





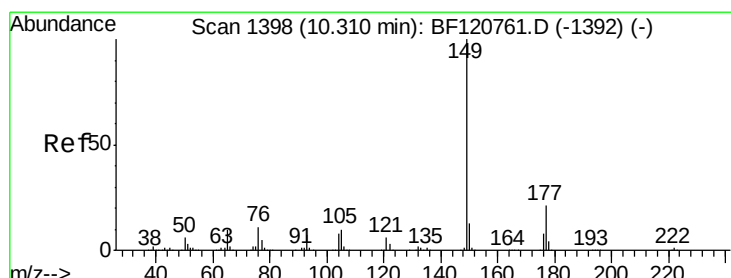
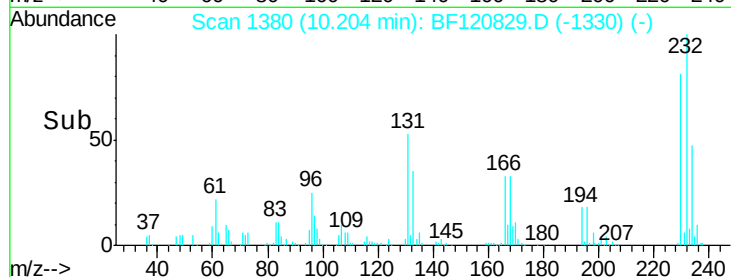
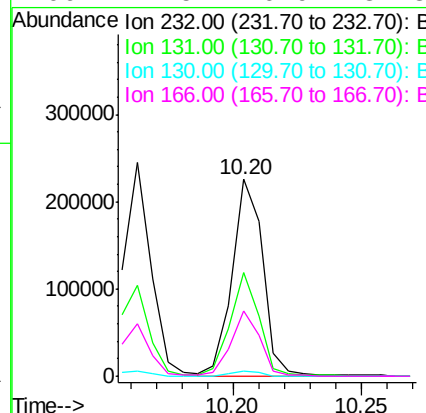
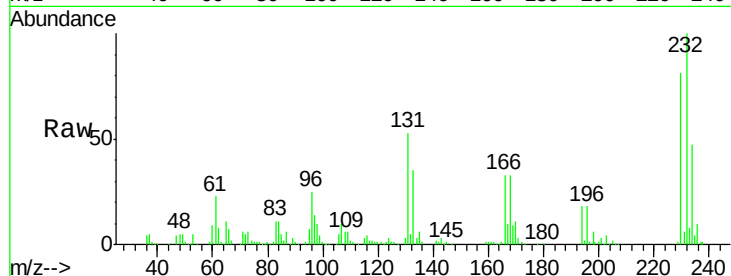
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.552 ng/ml
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	189128		
131	44.2	36.3	54.5	
130	2.5	2.0	3.0	
166	24.5	20.9	31.3	

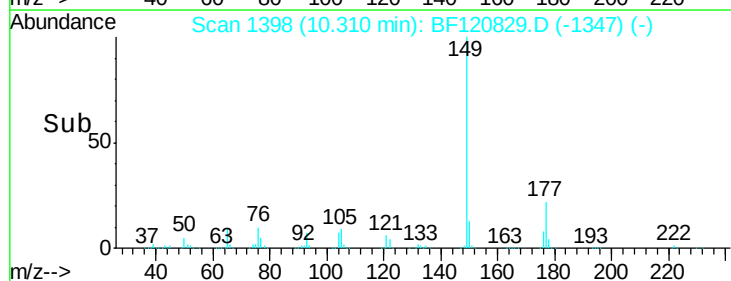
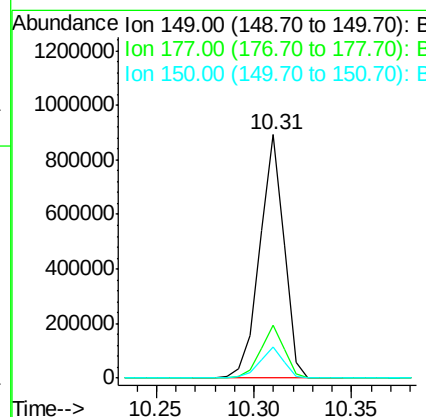
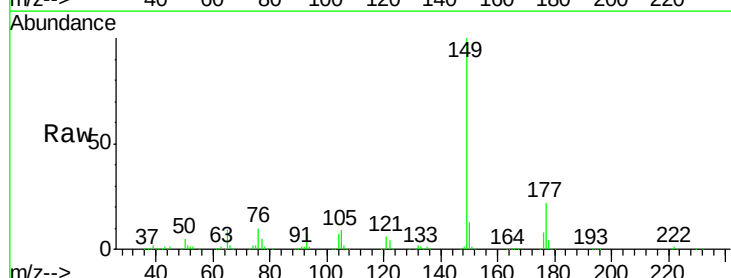
Manual Integrations
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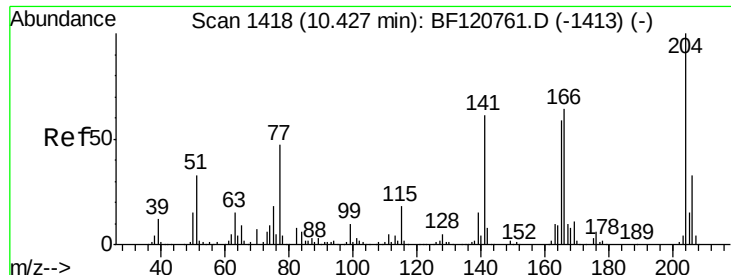
mohammad
7/13/2020 1:04:37 PM



#60
Diethylphthalate
Concen: 43.359 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770520		
177	21.5	16.4	24.6	
150	12.7	10.2	15.4	





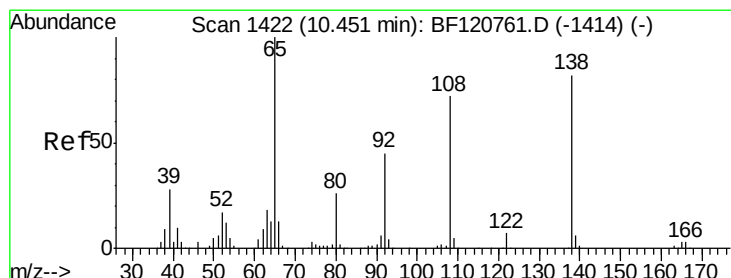
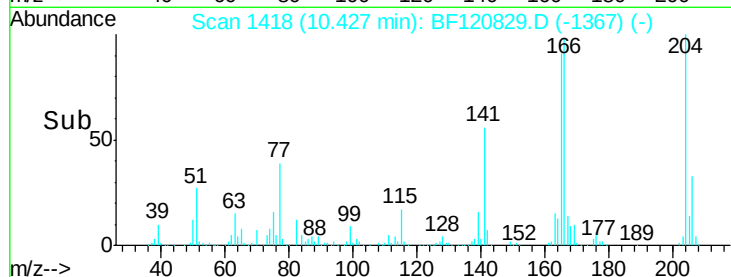
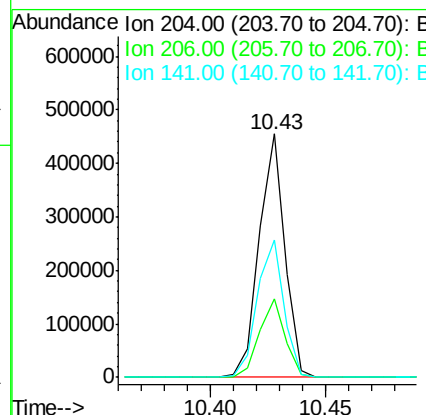
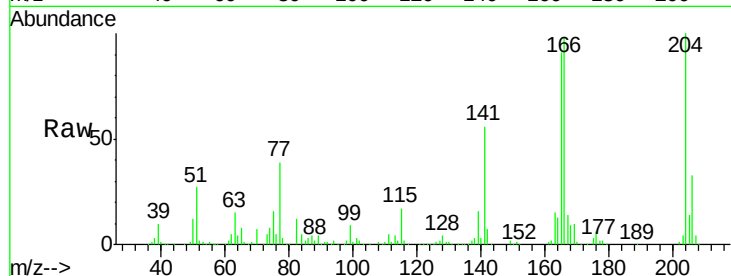
#61
 4-Chlorophenyl-phenylether
 Concen: 44.714 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	56.2	48.5	72.7

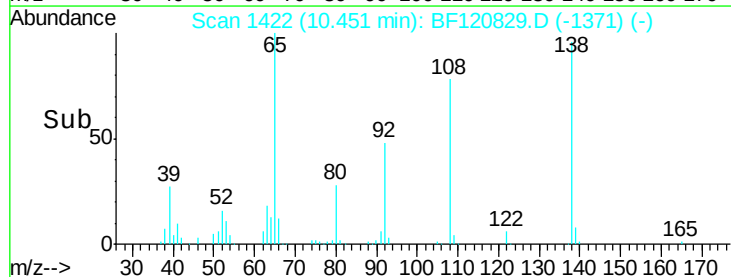
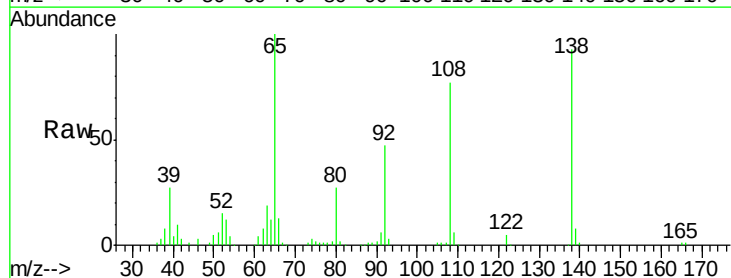
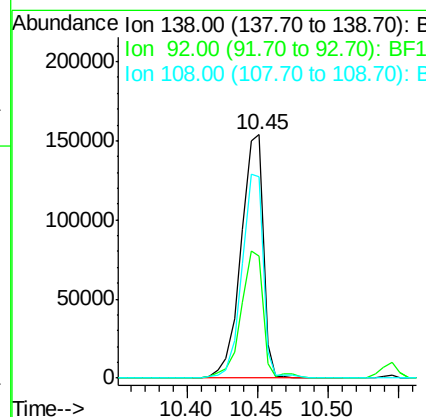
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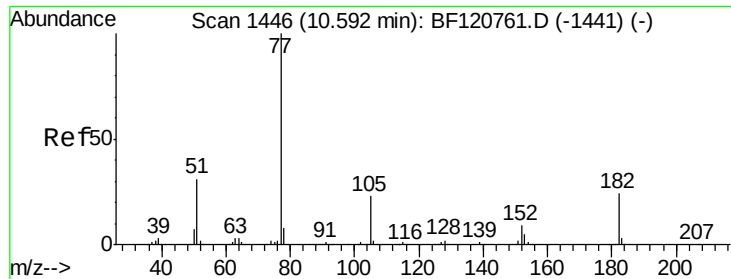
mohammad
 7/13/2020 1:04:37 PM



#62
 4-Nitroaniline
 Concen: 46.719 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	34.3	74.3
108	82.5	68.3	108.3





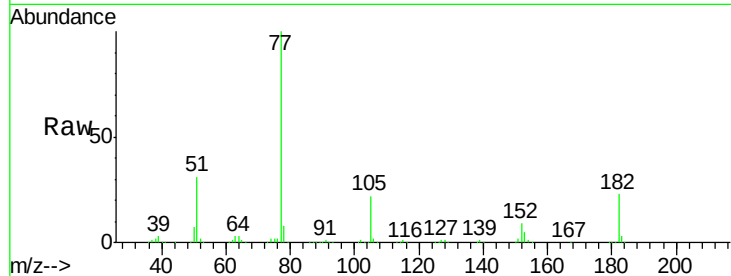
#63
Azobenzene
Concen: 43.720 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

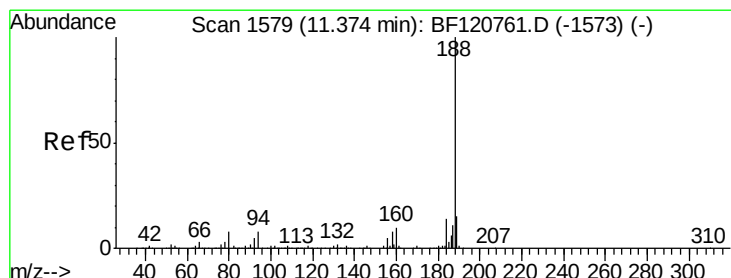
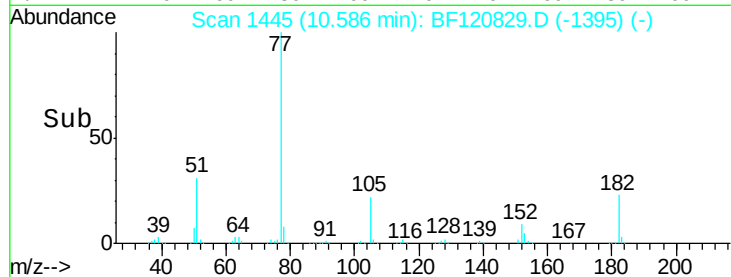
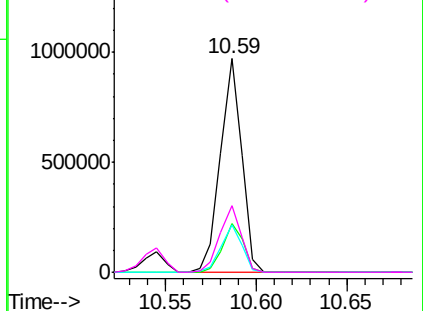
Tot Ion	Ratio	Resp	Lower	Upper
77	100	794774		
182	22.6	44.0	4.0	44.0
105	22.2	42.6	2.6	42.6
51	31.1	51.5	11.5	51.5

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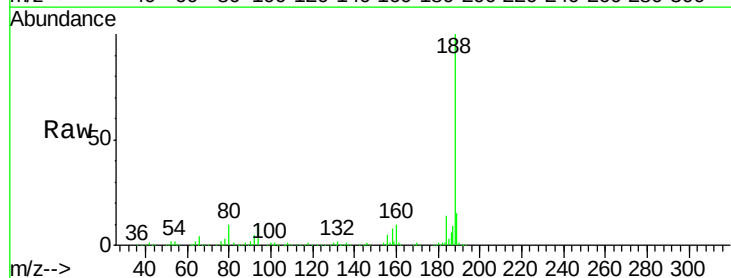


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

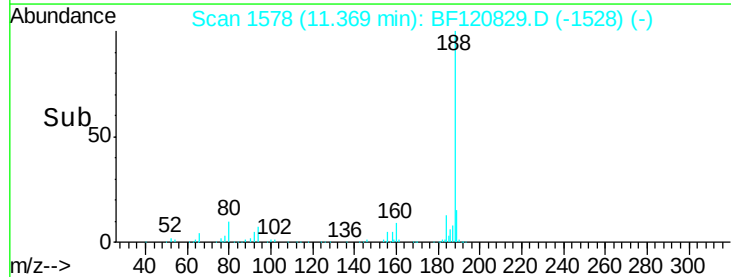
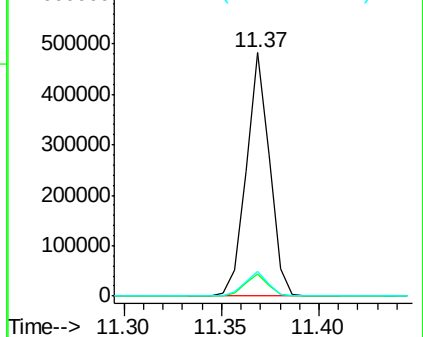


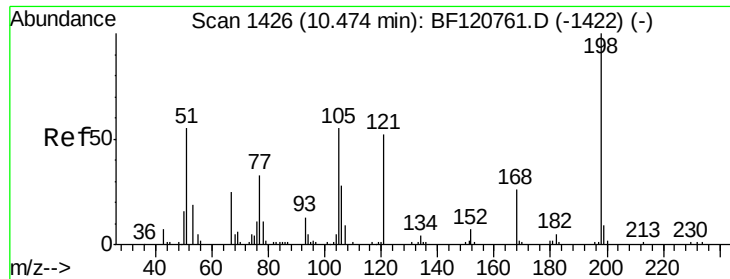
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	398152		
94	9.2	9.8	6.6	9.8
80	10.1	10.0	6.6	10.0



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





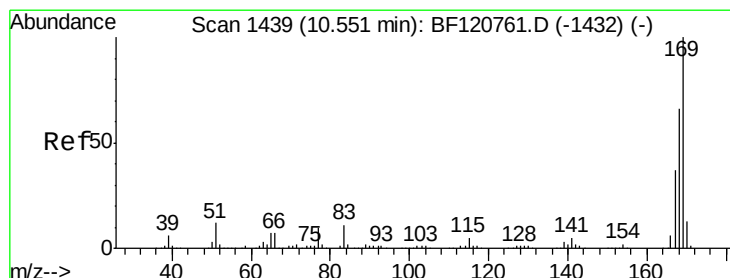
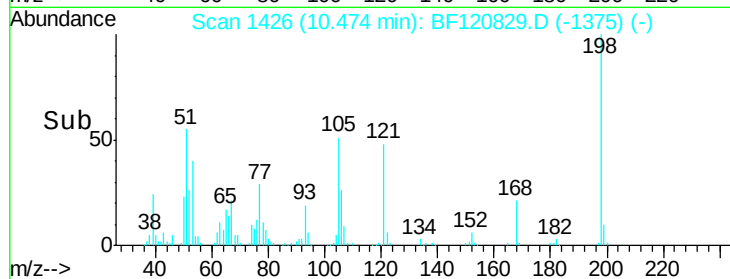
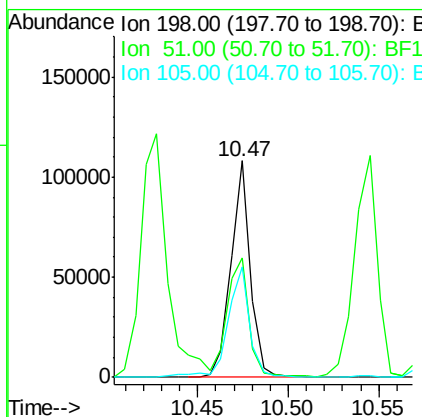
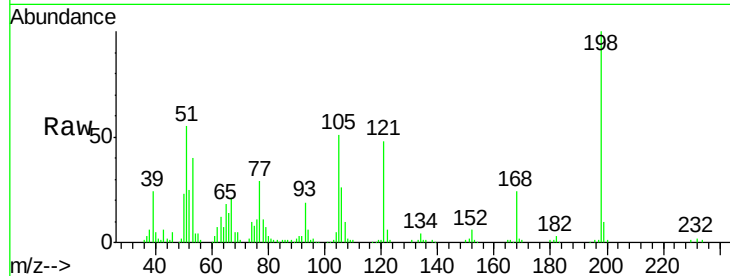
#65
4,6-Dinitro-2-methylphenol
Concen: 48.601 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	81545		
51	54.9	50.0	90.0	
105	51.1	38.3	78.3	

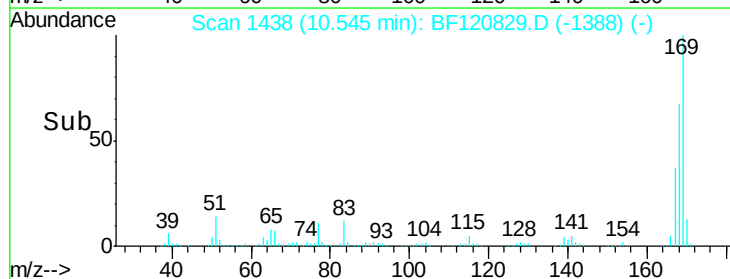
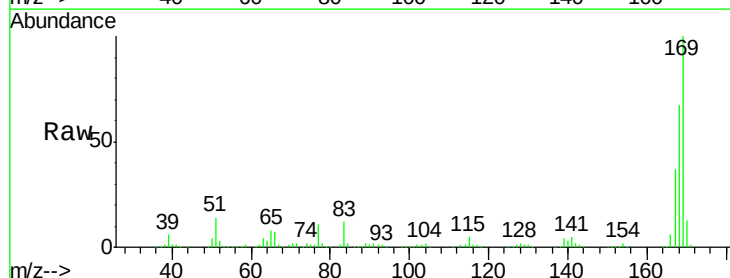
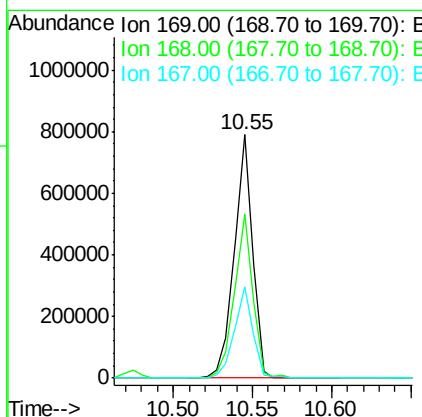
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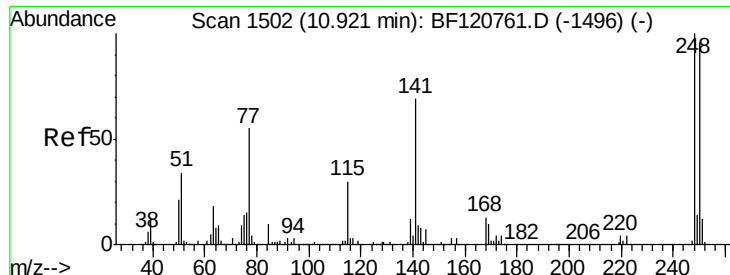
mohammad
7/13/2020 1:04:37 PM



#66
n-Nitrosodiphenylamine
Concen: 47.733 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	637004		
168	67.5	53.1	79.7	
167	37.4	29.6	44.4	





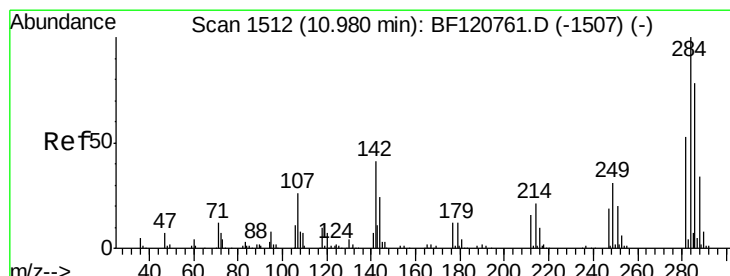
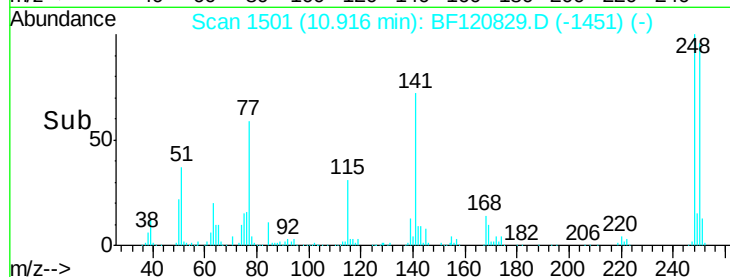
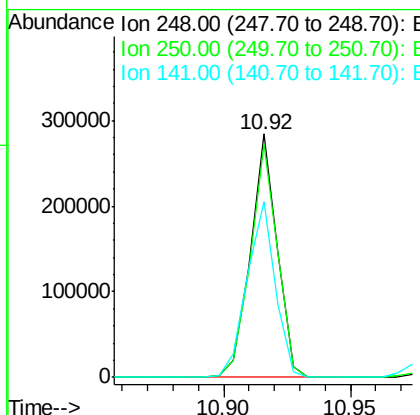
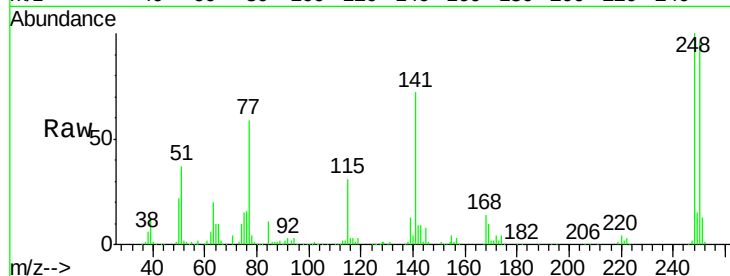
#67
 4-Bromophenyl-phenylether
 Concen: 45.194 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.5	114.7
141	72.3	54.9	82.3

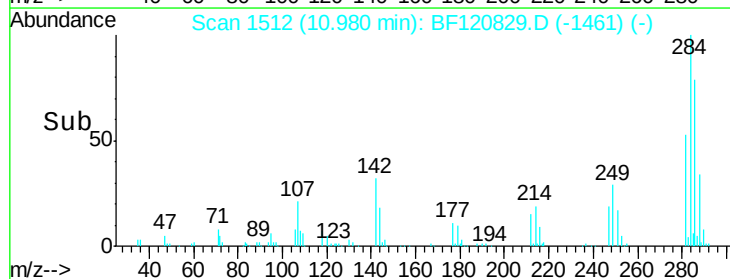
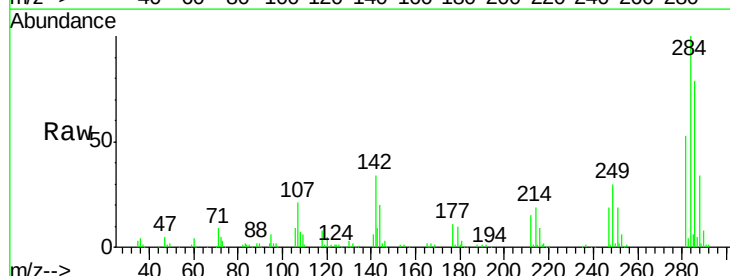
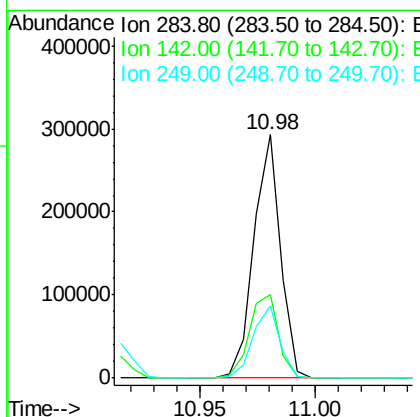
Manual Integrations
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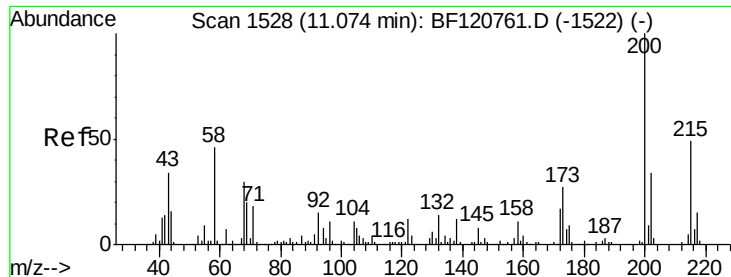
mohammad
 7/13/2020 1:04:37 PM



#68
 Hexachlorobenzene
 Concen: 48.661 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	32.5	48.7
249	29.7	24.8	37.2





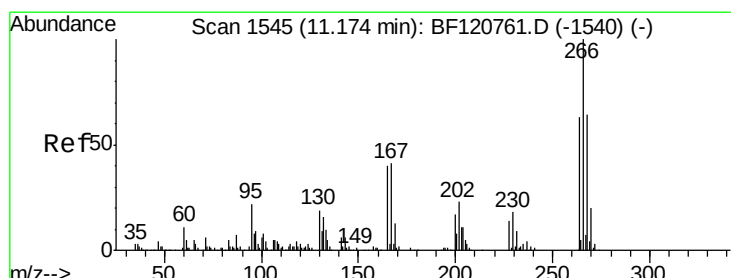
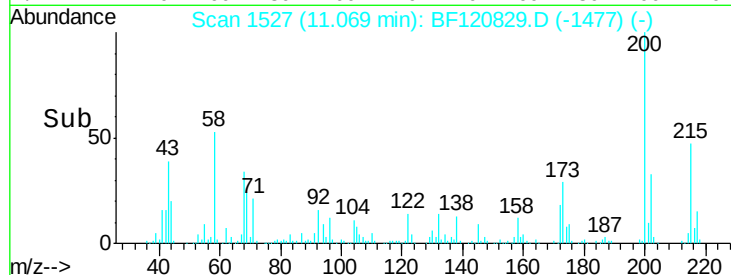
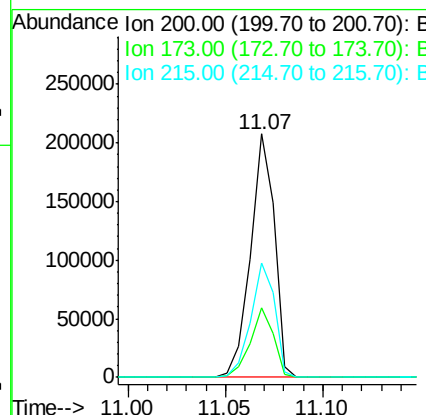
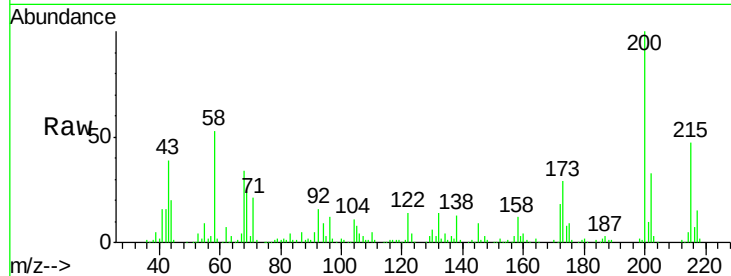
#69
Atrazine
Concen: 51.114 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.4	47.4
215	47.2	28.8	68.8

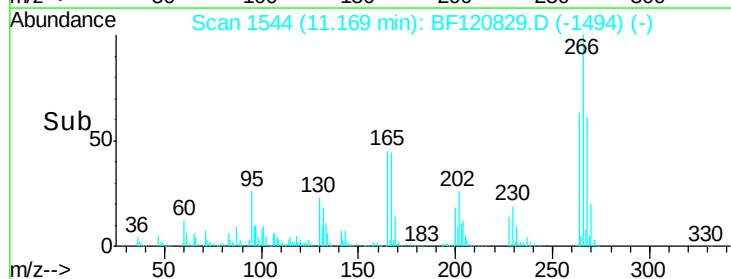
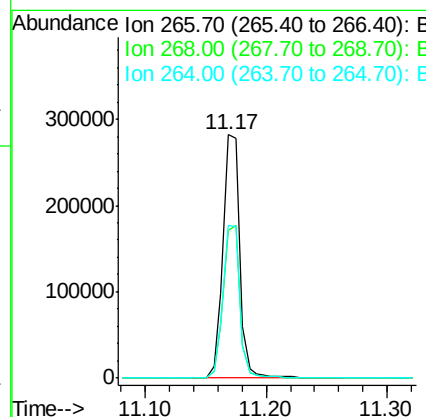
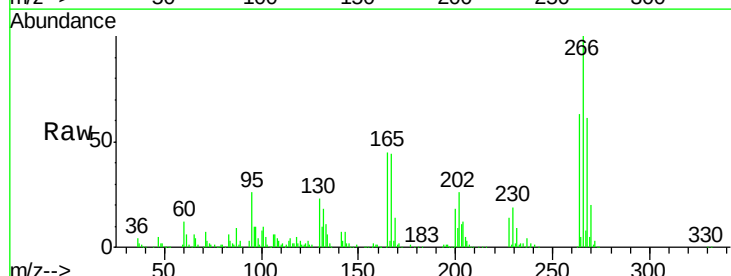
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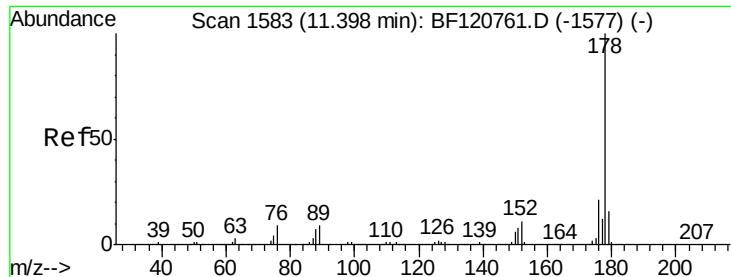
mohammad
7/13/2020 1:04:37 PM



#70
Pentachlorophenol
Concen: 98.604 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.4	77.2
264	62.8	50.6	75.8





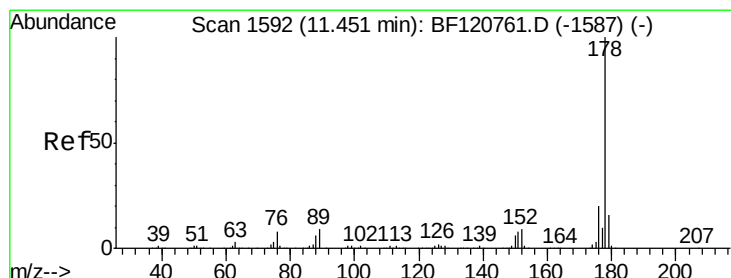
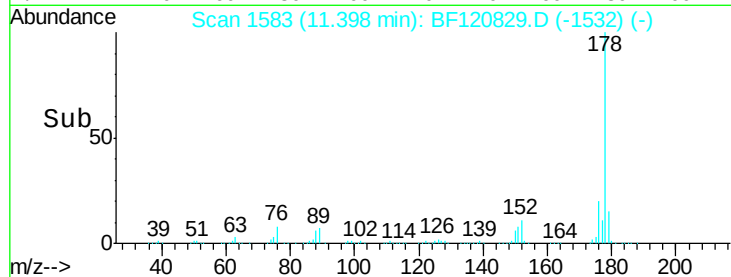
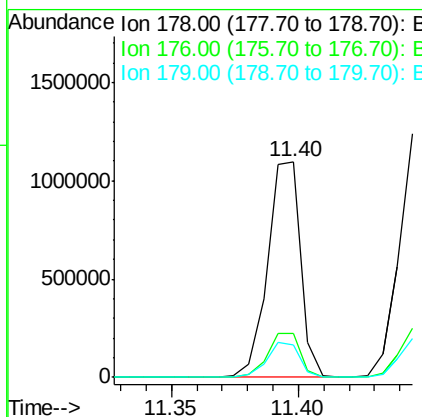
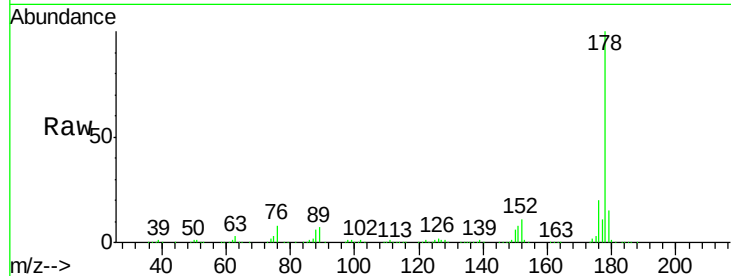
#71
Phenanthrene
Concen: 46.545 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:178 Resp: 1005533
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 15.3 12.9 19.3

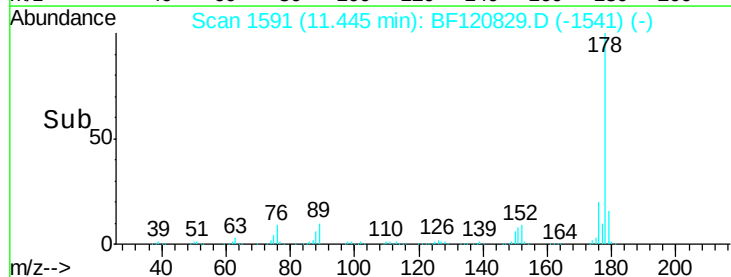
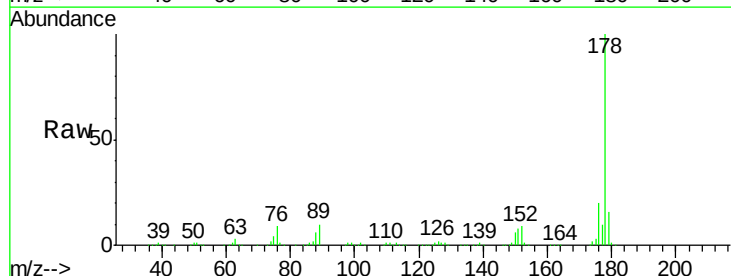
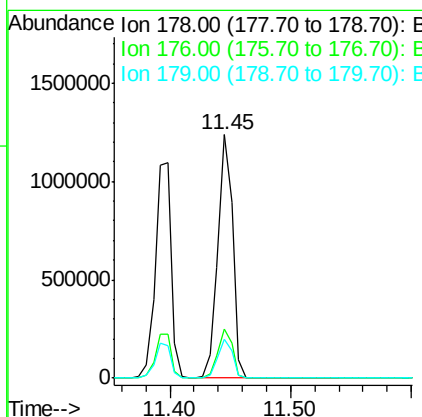
Manual Integrations
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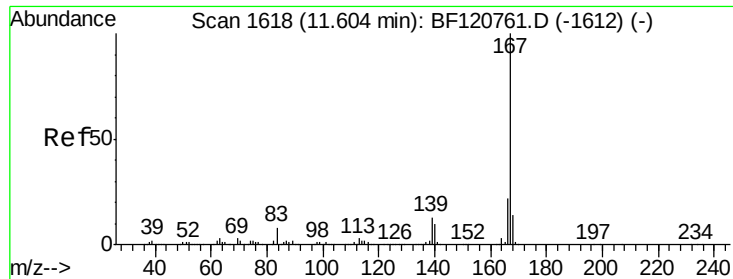
mohammad
7/13/2020 1:04:37 PM



#72
Anthracene
Concen: 47.383 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:178 Resp: 1034384
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.1 12.7 19.1





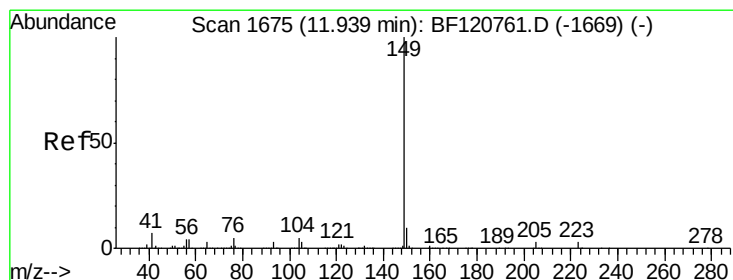
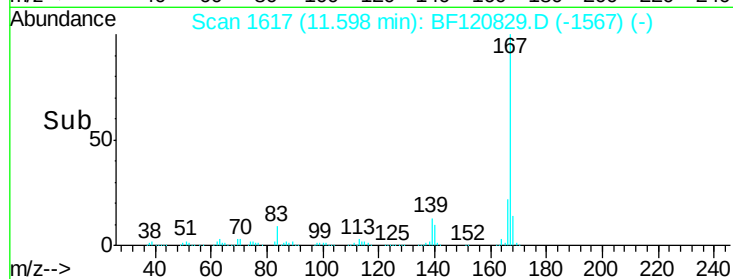
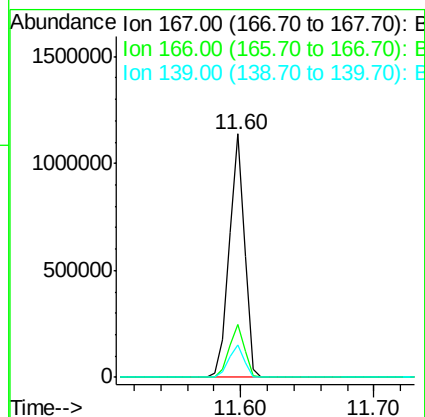
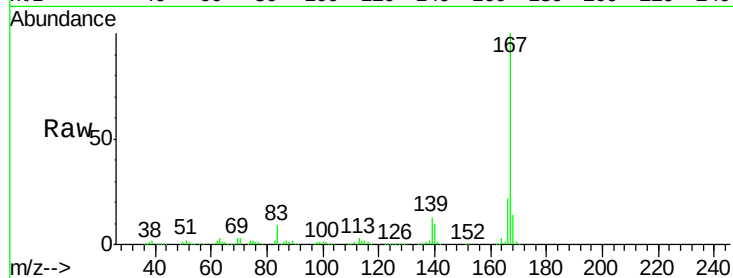
#73
 Carbazole
 Concen: 44.186 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.8	26.8
139	13.3	10.7	16.1

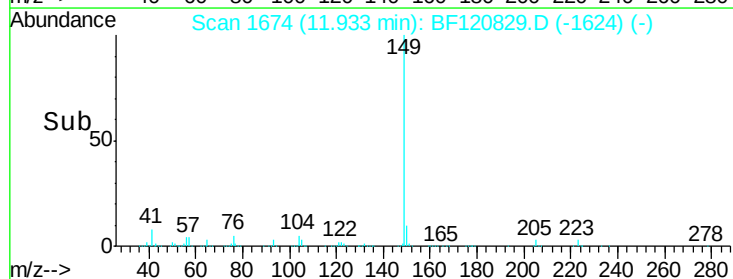
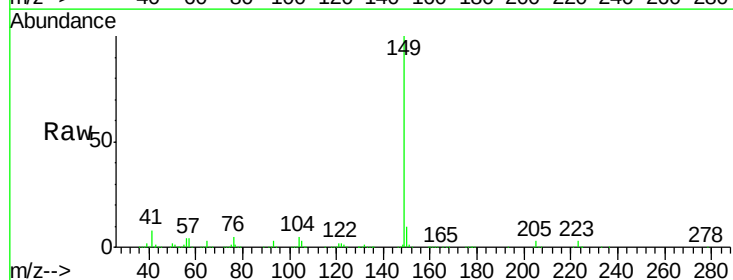
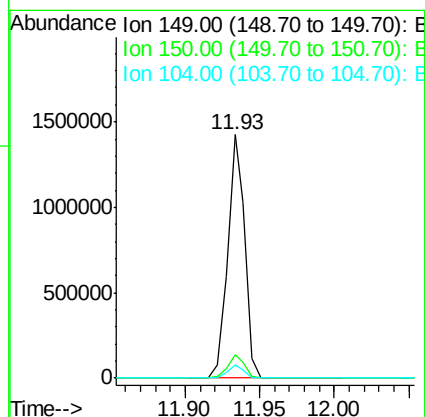
Manual Integrations
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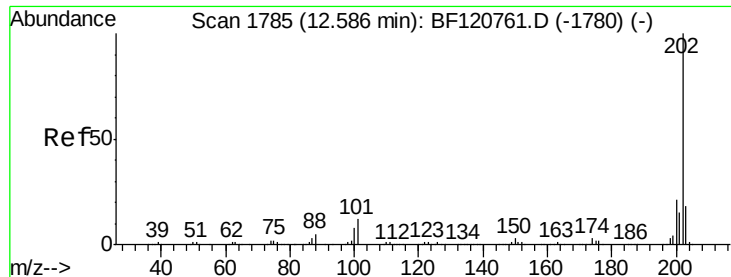
mohammad
 7/13/2020 1:04:37 PM



#74
 Di-n-butylphthalate
 Concen: 44.241 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.0	6.0





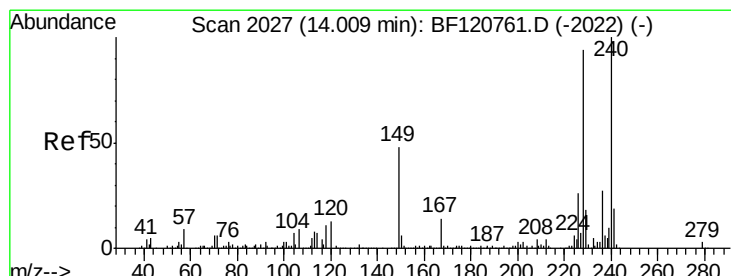
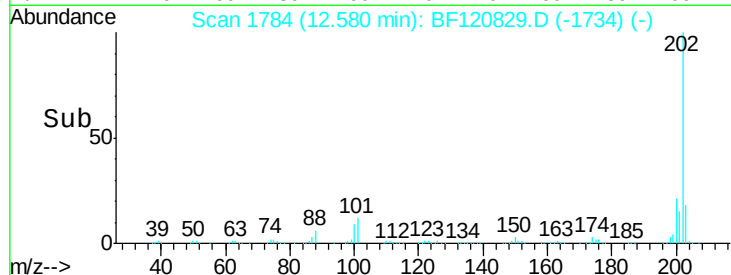
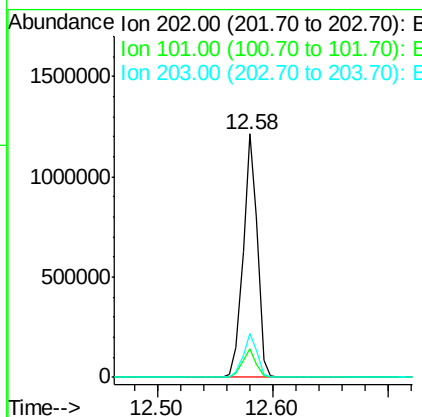
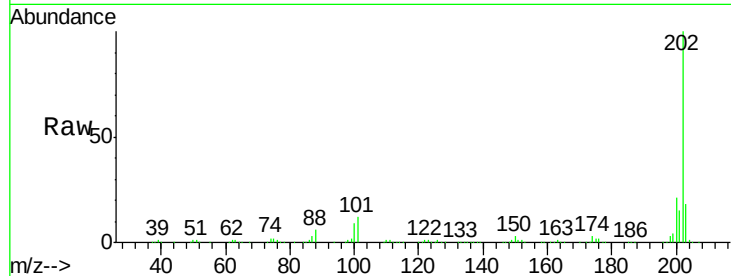
#75
 Fluoranthene
 Concen: 44.546 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1025156		
101	11.8		0.0	31.6
203	18.2		0.0	38.2

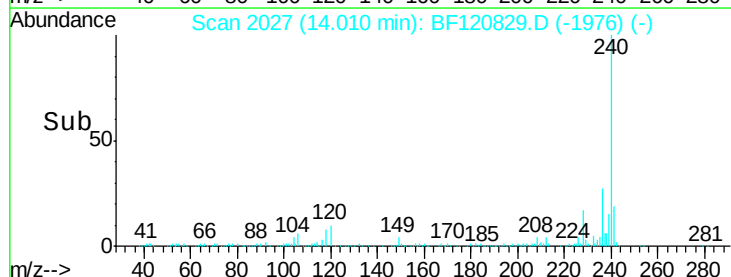
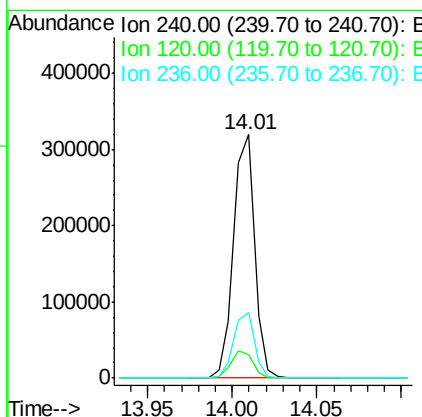
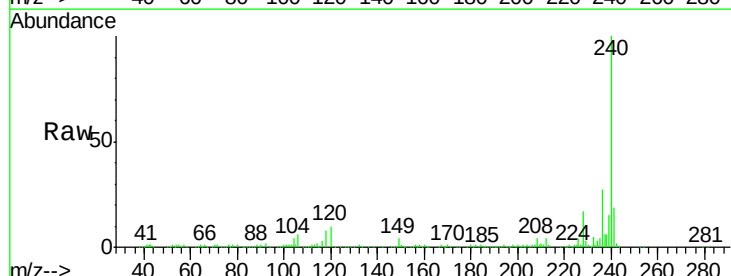
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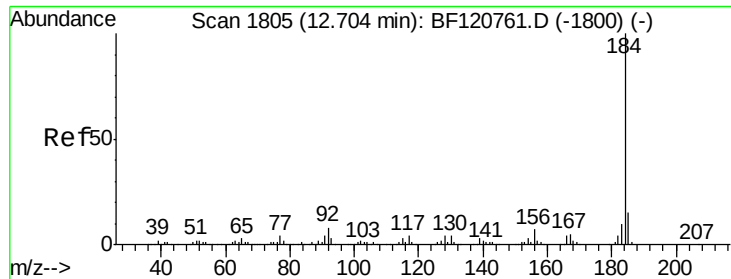
mohammad
 7/13/2020 1:04:37 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	277195		
120	9.6		10.3	15.5#
236	26.8		21.4	32.2





#77

Benzidine

Concen: 57.100 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

Tot Ion:184 Resp: 446755

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

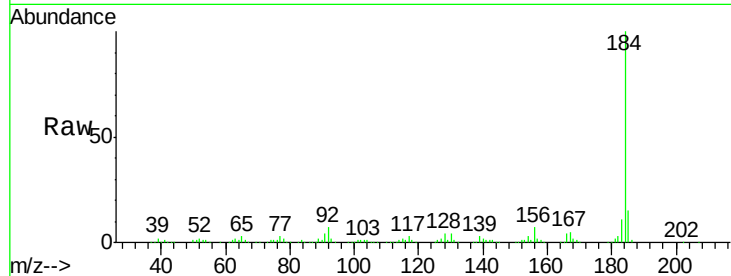
183 10.7 8.3 12.5

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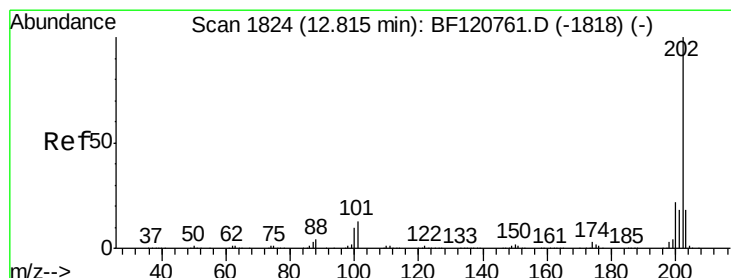
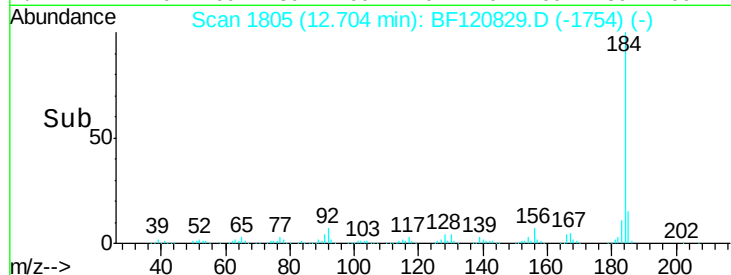
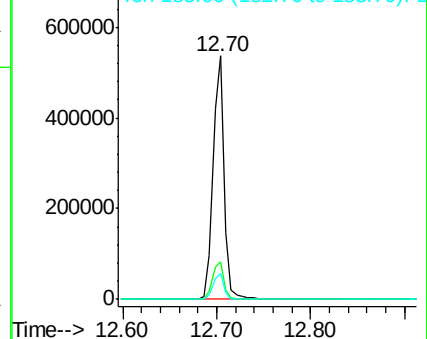
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.098 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

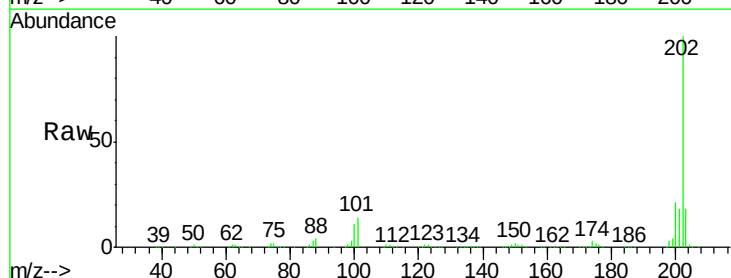
Tgt Ion:202 Resp: 1042670

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

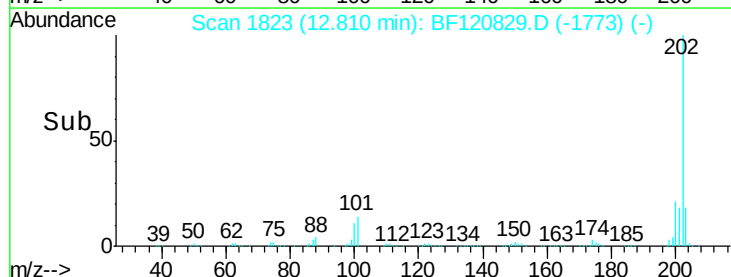
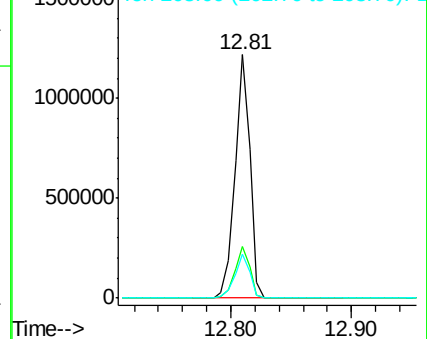
203 18.0 14.6 22.0

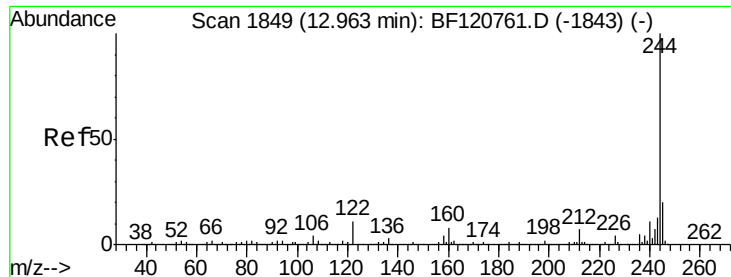


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





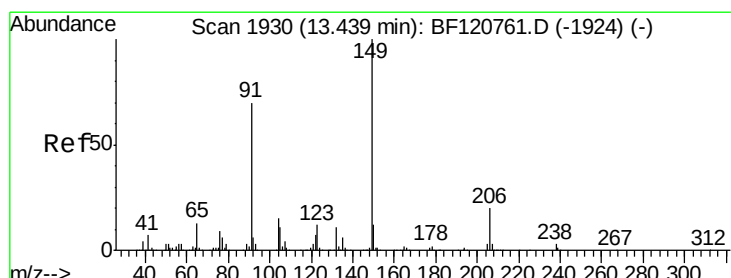
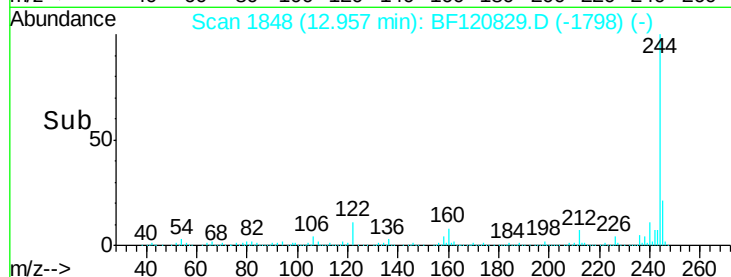
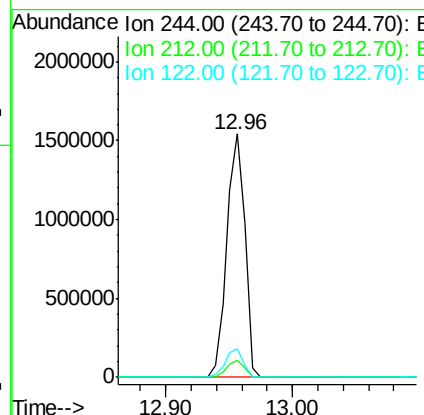
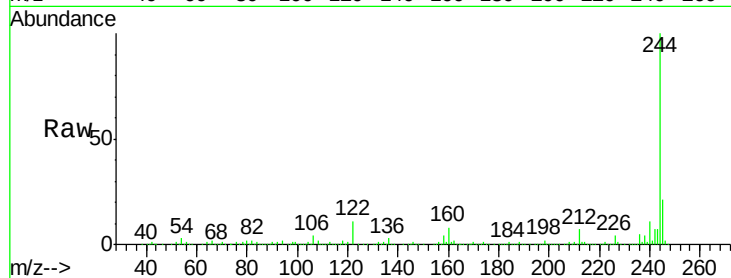
#79
 Terphenyl-d14
 Concen: 107.714 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion:244 Resp: 1525002
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.5 9.0 13.4

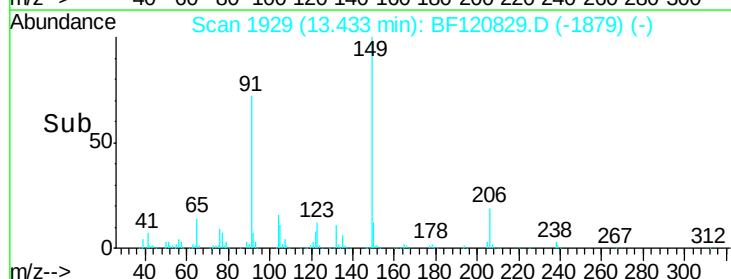
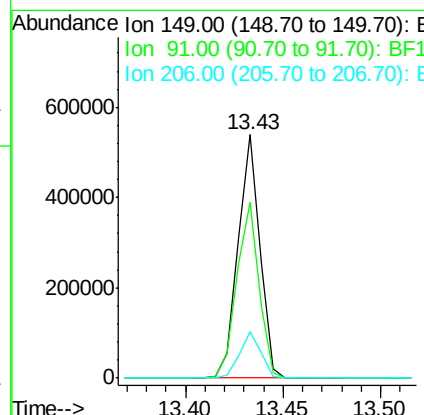
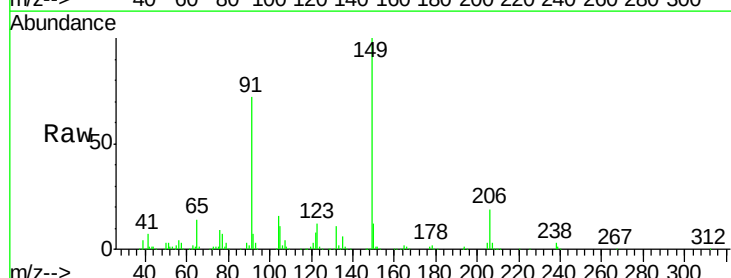
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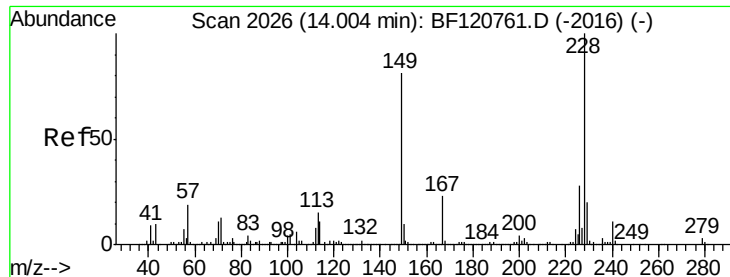
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.477 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:149 Resp: 415553
 Ion Ratio Lower Upper
 149 100
 91 72.1 55.8 83.8
 206 19.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 46.463 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

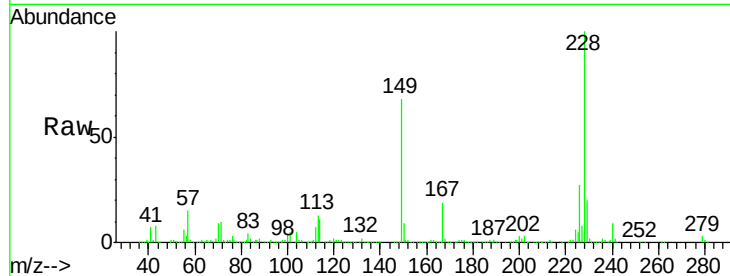
ClientSampleId :

PB130090BS

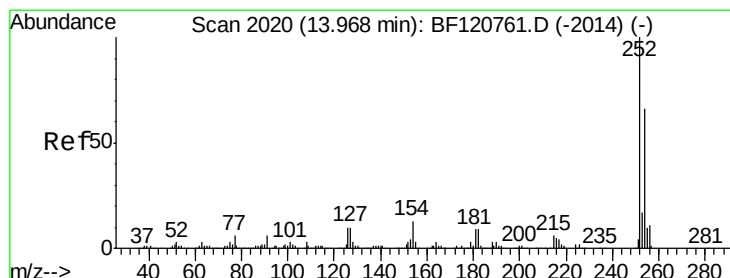
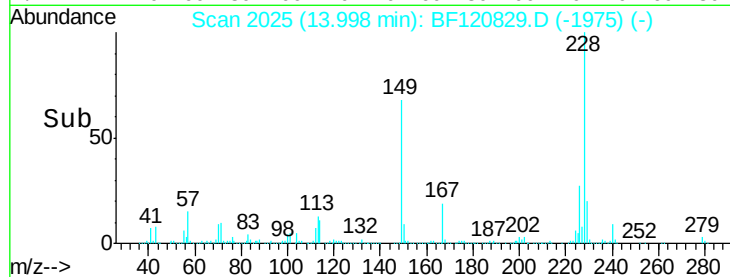
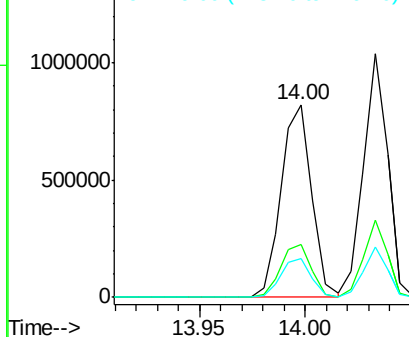
Tot Ion:	228	Resp:	825580
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	20.1	15.8	23.6

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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: 33.063 ng

RT: 13.96 min Scan# 2018

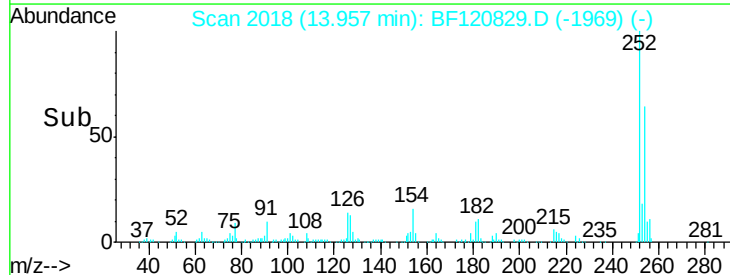
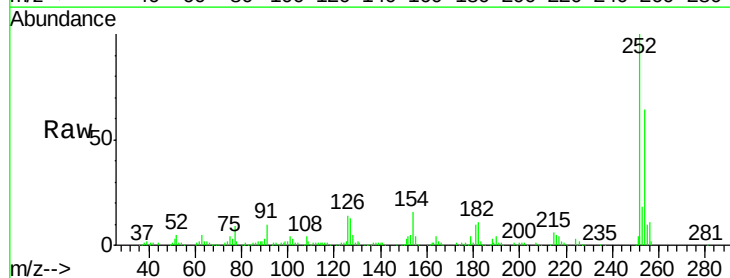
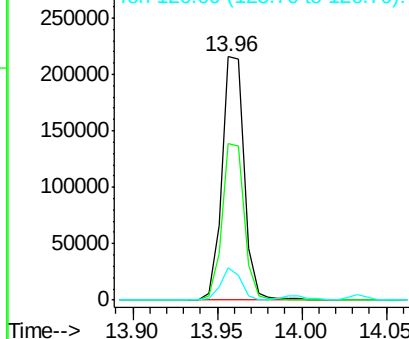
Delta R.T. -0.01 min

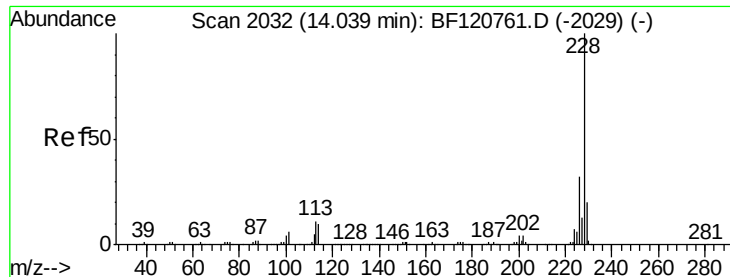
Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	252	Resp:	198256
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.6	78.8
126	13.6	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

Chrysene

Concen: 45.995 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

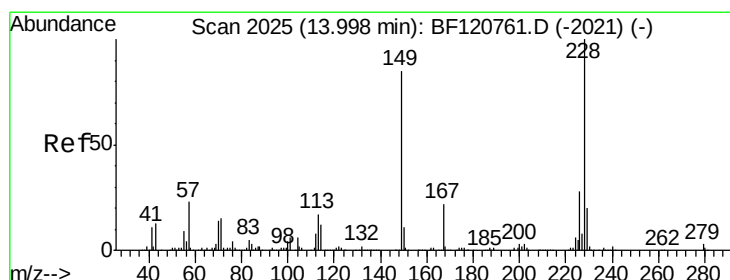
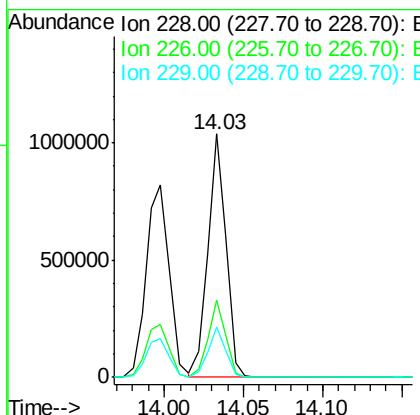
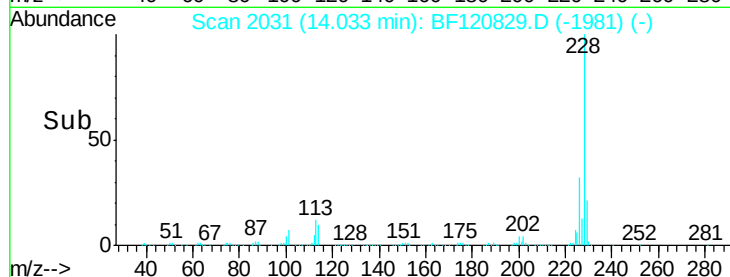
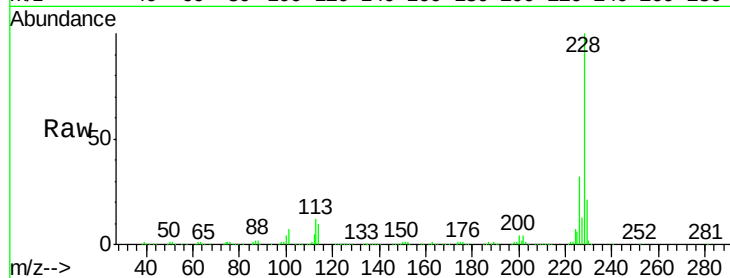
ClientSampleId :

PB130090BS

Tot Ion:	228	Resp:	833635
Ion Ratio		Lower	Upper
228	100		
226	31.9	25.7	38.5
229	20.5	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 44.606 ng

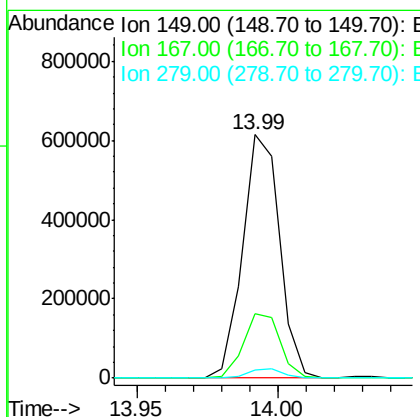
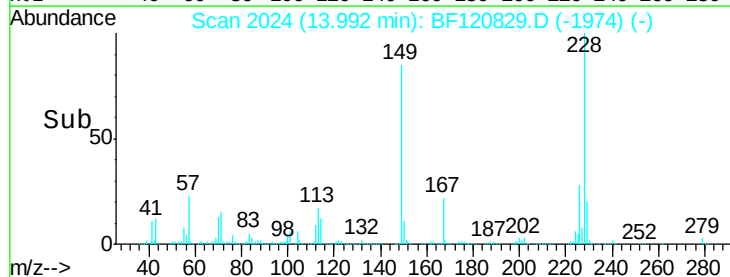
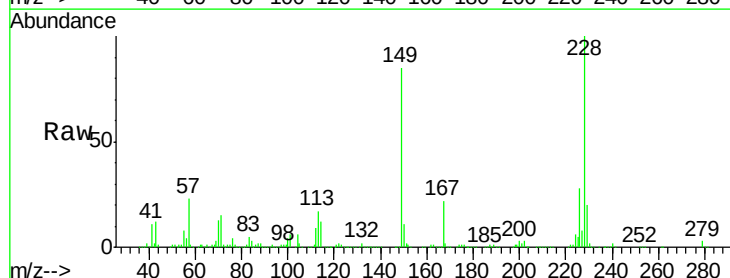
RT: 13.99 min Scan# 2024

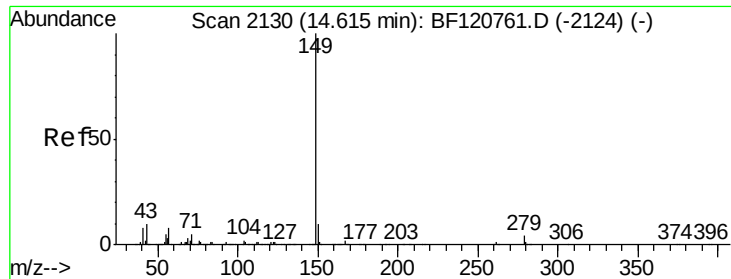
Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	149	Resp:	559076
Ion Ratio		Lower	Upper
149	100		
167	26.3	20.9	31.3
279	3.3	2.6	4.0





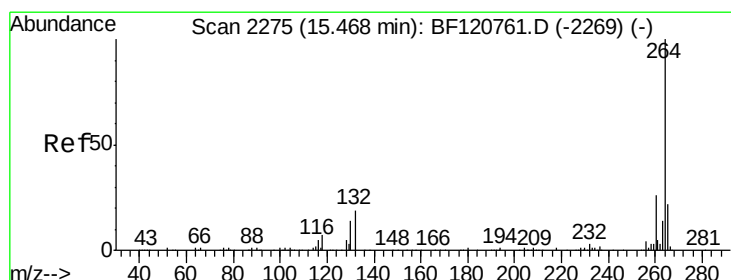
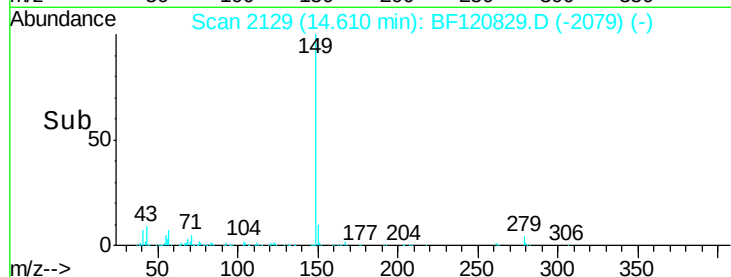
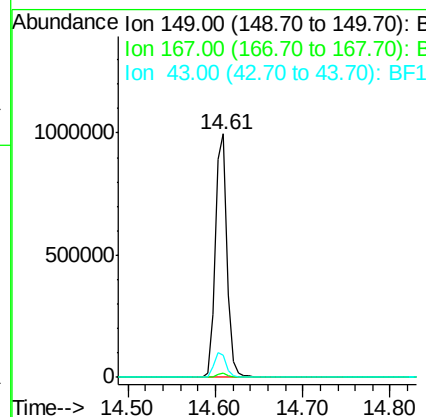
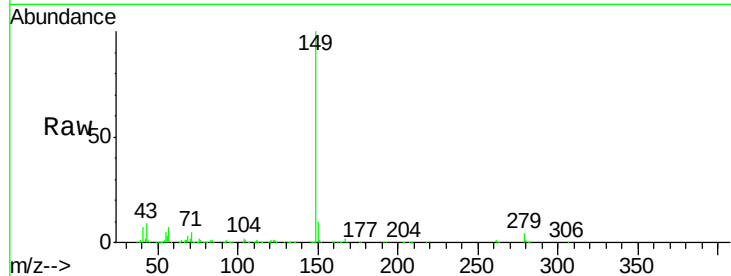
#85
Di-n-octyl phthalate
Concen: 41.503 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	920257		
167	1.5		1.2	1.8
43	10.7		8.7	13.1

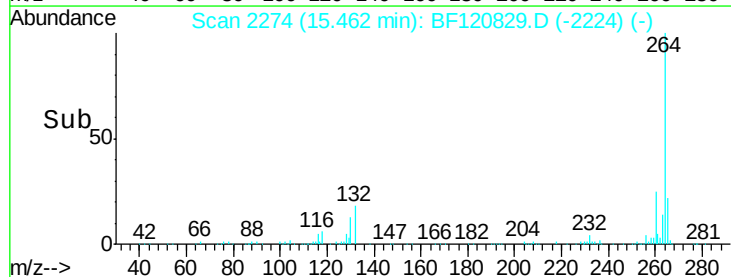
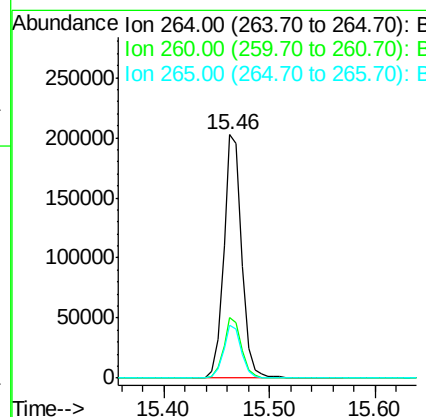
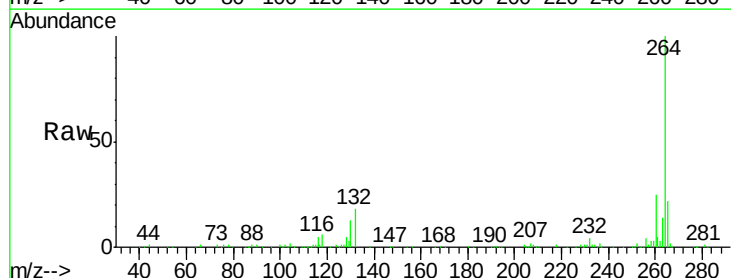
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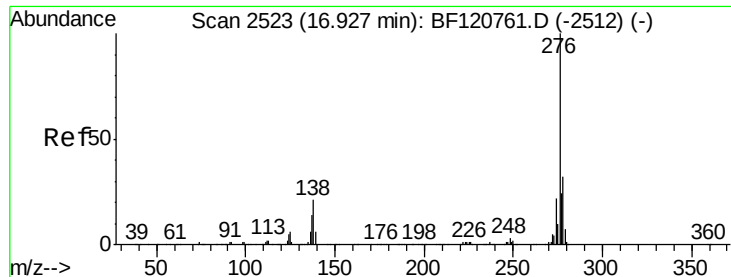
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	240732		
260	24.8		20.6	30.8
265	21.7		17.6	26.4





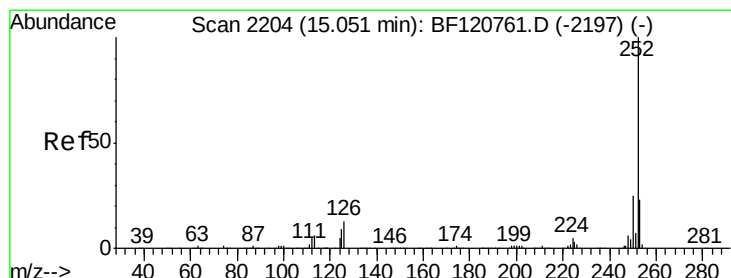
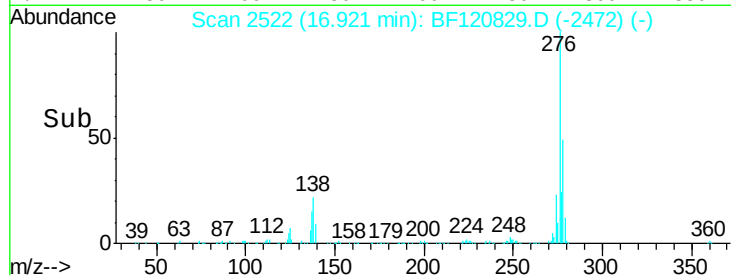
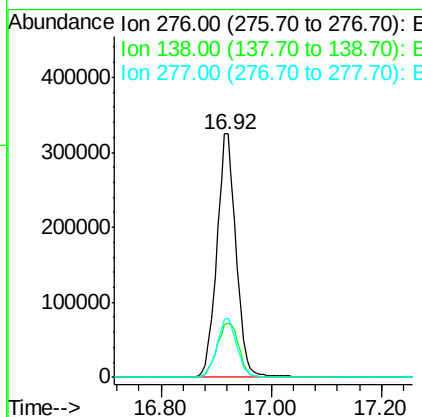
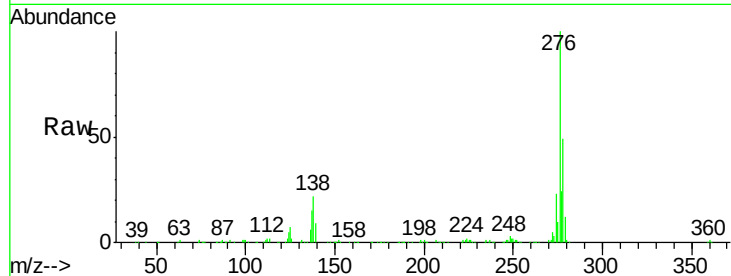
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.149 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.8	29.8
277	24.9	19.9	29.9

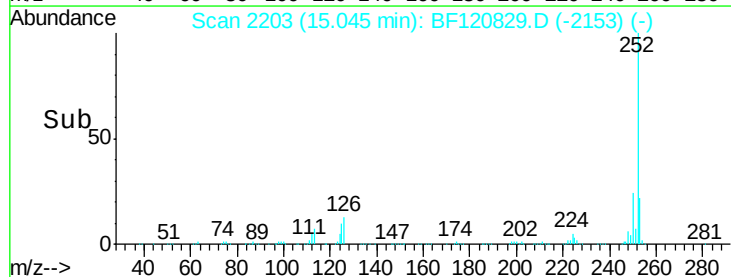
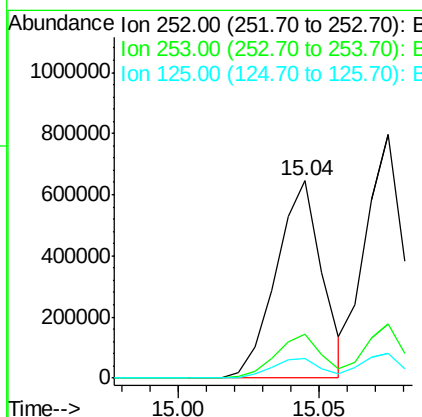
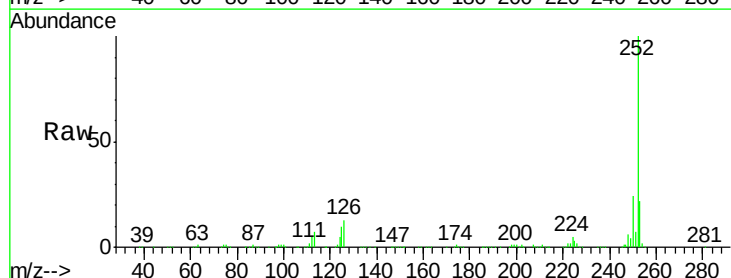
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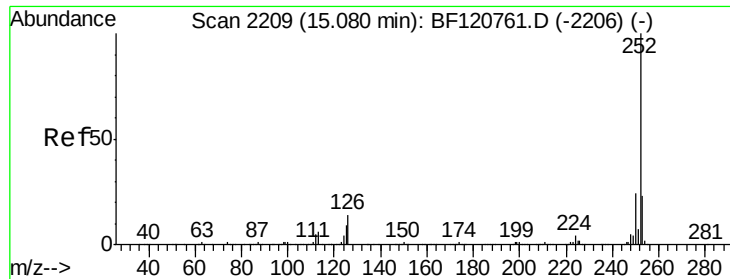
mohammad
7/13/2020 1:04:37 PM



#88
Benzo(b)fluoranthene
Concen: 46.021 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.7	7.5	11.3





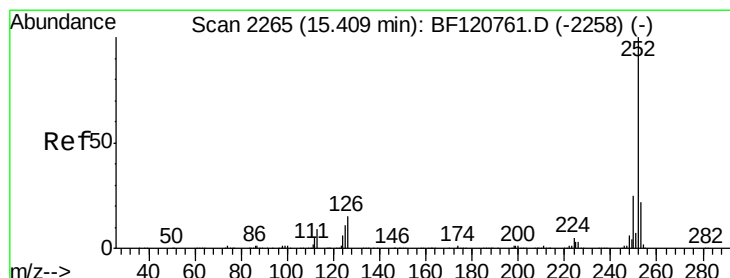
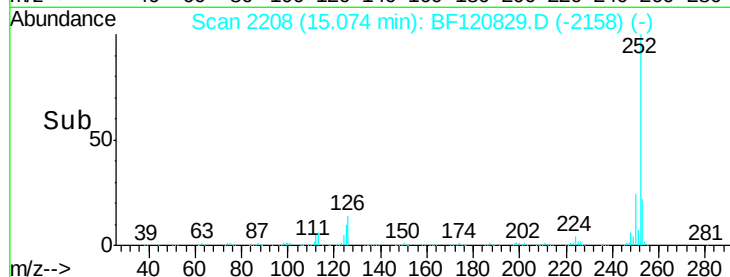
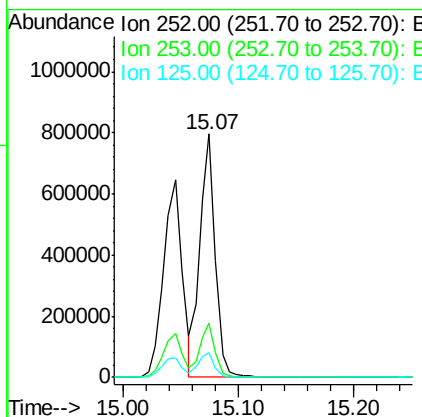
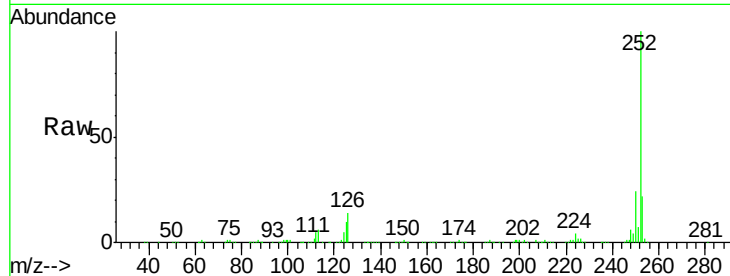
#89
Benzo(k)fluoranthene
Concen: 48.579 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.9	7.6	11.4

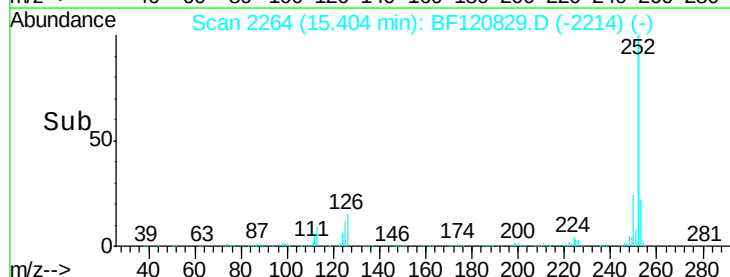
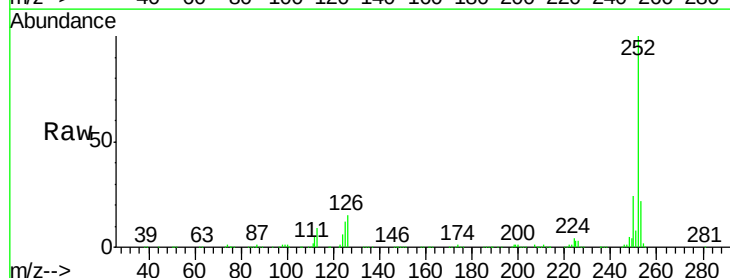
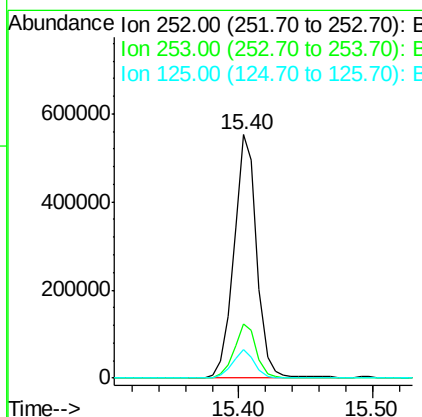
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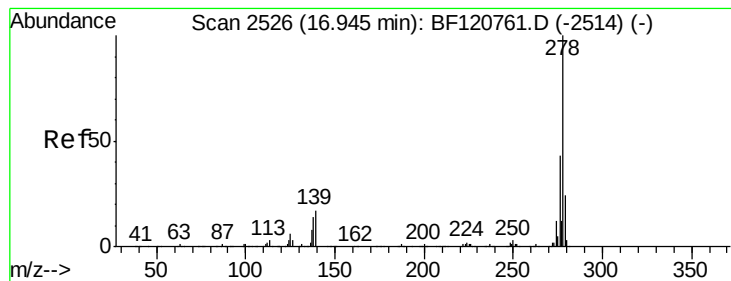
mohammad
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#90
Benzo(a)pyrene
Concen: 46.681 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 52.539 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

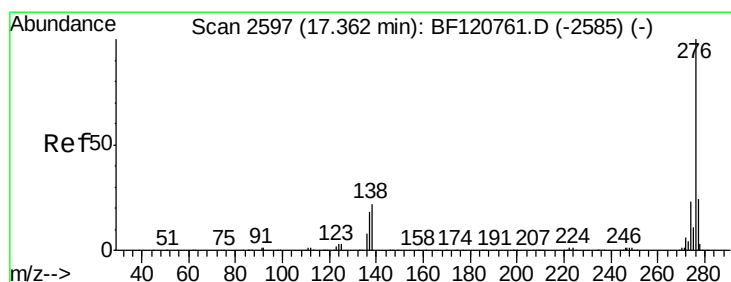
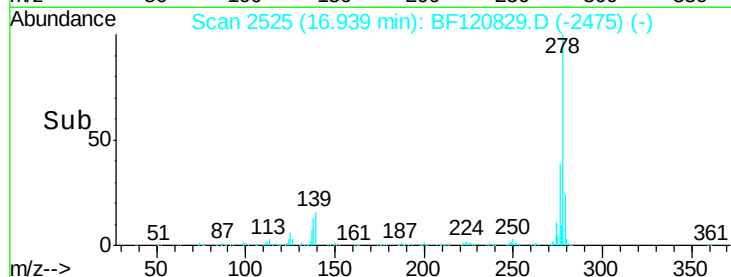
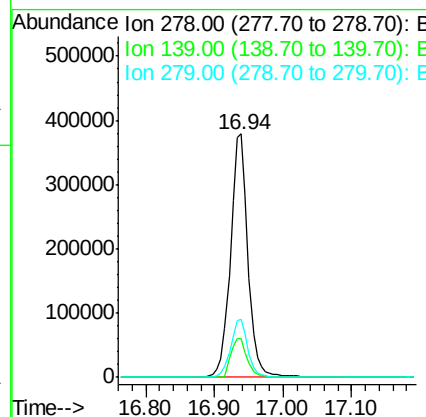
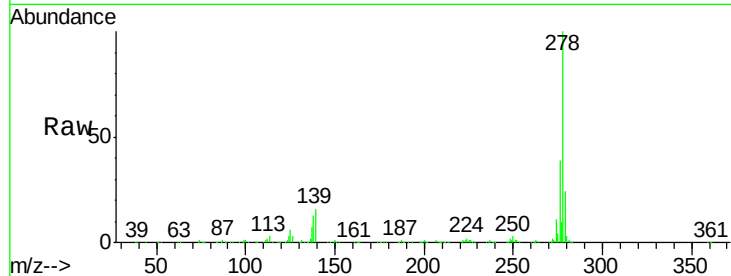
ClientSampleId :

PB130090BS

Tot Ion:	278	Resp:	676146
Ion Ratio	Lower	Upper	
278	100		
139	15.8	13.3	19.9
279	23.9	19.0	28.6

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#92

Benzo(g,h,i)perylene

Concen: 52.378 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:	276	Resp:	616063
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.8	28.2
138	22.6	17.4	26.2

