

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121027.D
 Acq On : 27 Jul 2020 12:22
 Operator : JU/CG
 Sample : PB130493BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Manual Integrations
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mohammad
 7/28/2020 11:43:12 AM

Quant Time: Jul 27 12:59:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	166671	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629632	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317507	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	589610	20.00	ng	0.00
76) Chrysene-d12	13.97	240	435581	20.00	ng	0.00
86) Perylene-d12	15.42	264	403579	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1027010	101.02	ng	0.01
7) Phenol-d6	6.45	99	1259972	95.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	794863	73.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	370347	106.56	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1442423	67.83	ng	0.00
79) Terphenyl-d14	12.92	244	1572368	78.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	171109	36.569	ng	99
3) Pyridine	3.33	79	451556	36.277	ng	99
4) n-Nitrosodimethylamine	3.28	42	207792	39.040	ng	94
6) Aniline	6.47	93	495636	28.912	ng	98
8) 2-Chlorophenol	6.60	128	466595	41.660	ng	100
9) Benzaldehyde	6.36	77	107694	13.523	ng	99
10) Phenol	6.46	94	546214	37.809	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	438256	39.583	ng	99
12) 1,3-Dichlorobenzene	6.76	146	477345	39.304	ng	99
13) 1,4-Dichlorobenzene	6.83	146	482833	39.981	ng	99
14) 1,2-Dichlorobenzene	6.99	146	442102	38.697	ng	98
15) Benzyl Alcohol	6.96	79	341889	36.812	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	609869	38.216	ng	98
17) 2-Methylphenol	7.07	107	356599	35.922	ng	99
18) Hexachloroethane	7.33	117	179195	40.997	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	275104	36.838	ng	100
20) 3+4-Methylphenols	7.22	107	399441	31.631	ng	# 87
22) Acetophenone	7.23	105	542207	38.370	ng	96
24) Nitrobenzene	7.40	77	463021	39.480	ng	99
25) Isophorone	7.64	82	826095	38.039	ng	99
26) 2-Nitrophenol	7.72	139	243074	43.640	ng	99
27) 2,4-Dimethylphenol	7.75	122	362465	40.080	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	535852	40.422	ng	100
29) 2,4-Dichlorophenol	7.96	162	377016	40.798	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	411114	40.098	ng	99
31) Naphthalene	8.12	128	1250499	38.719	ng	100
32) Benzoic acid	7.88	122	283243	41.723	ng	97
33) 4-Chloroaniline	8.17	127	336851	23.380	ng	98
34) Hexachlorobutadiene	8.24	225	237152	39.237	ng	99
35) Caprolactam	8.54	113	110632	37.332	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	379482	40.040	ng	96
37) 2-Methylnaphthalene	8.81	142	839642	40.039	ng	99
38) 1-Methylnaphthalene	8.91	142	795707	40.063	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	375935	40.638	ng	99

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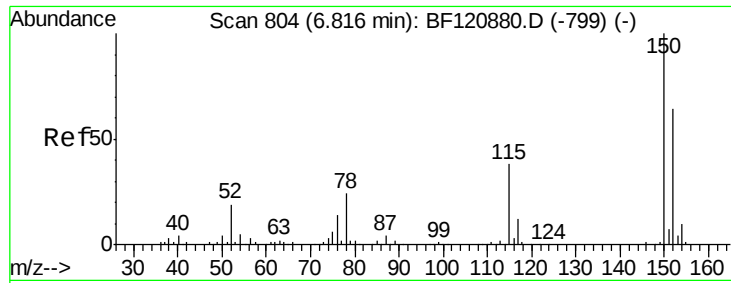
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	392346	76.739	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	267618	41.087	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	291256	39.421	nq	99
46) 1,1'-Biphenyl	9.27	154	987389	40.768	nq	99
47) 2-Chloronaphthalene	9.30	162	789135	39.964	nq	99
48) 2-Nitroaniline	9.39	65	237571	39.811	nq	100
49) Acenaphthylene	9.72	152	1212091	39.512	nq	100
50) Dimethylphthalate	9.58	163	900666	39.320	nq	99
51) 2,6-Dinitrotoluene	9.64	165	204328	41.520	nq	87
52) Acenaphthene	9.89	154	847224m	43.441	nq	
53) 3-Nitroaniline	9.80	138	167282	27.103	nq	96
54) 2,4-Dinitrophenol	9.92	184	206652	73.556	nq	# 85
55) Dibenzofuran	10.06	168	1091144	38.689	nq	99
56) 4-Nitrophenol	9.97	139	340031	72.525	nq	99
57) 2,4-Dinitrotoluene	10.04	165	267314	41.364	nq	92
58) Fluorene	10.40	166	799377	38.003	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	245399	43.624	nq	98
60) Diethylphthalate	10.27	149	901353	38.903	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	394285	35.143	nq	98
62) 4-Nitroaniline	10.42	138	221131	36.780	nq	95
63) Azobenzene	10.55	77	850685	38.567	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	141007	41.856	nq	92
66) n-Nitrosodiphenylamine	10.51	169	759422	40.944	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	263222	40.042	nq	95
68) Hexachlorobenzene	10.95	284	297525	41.840	nq	96
69) Atrazine	11.04	200	212379	46.234	nq	97
70) Pentachlorophenol	11.15	266	330358	81.094	nq	99
71) Phenanthrene	11.36	178	1188810	39.204	nq	100
72) Anthracene	11.42	178	1240167	40.729	nq	100
73) Carbazole	11.57	167	1157143	38.293	nq	100
74) Di-n-butylphthalate	11.90	149	1392226	39.924	nq	100
75) Fluoranthene	12.55	202	1316720	39.175	nq	97
77) Benzidine	12.67	184	288461	25.188	nq	99
78) Pyrene	12.77	202	1329042	43.157	nq	99
80) Butylbenzylphthalate	13.40	149	571491	41.629	nq	94
81) Benzo(a)anthracene	13.96	228	1046464	39.674	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	341880	34.356	nq	99
83) Chrysene	14.00	228	1119634	40.392	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	726816	42.934	nq	99
85) Di-n-octyl phthalate	14.57	149	1338476	39.741	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1126718	40.143	nq	99
88) Benzo(b)fluoranthene	15.00	252	1054396	43.222	nq	99
89) Benzo(k)fluoranthene	15.03	252	1042334	46.851	nq	100
90) Benzo(a)pyrene	15.36	252	947284	42.561	nq	100
91) Dibenzo(a,h)anthracene	16.87	278	949323	41.406	nq	98
92) Benzo(g,h,i)perylene	17.29	276	896902	39.676	nq	99

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



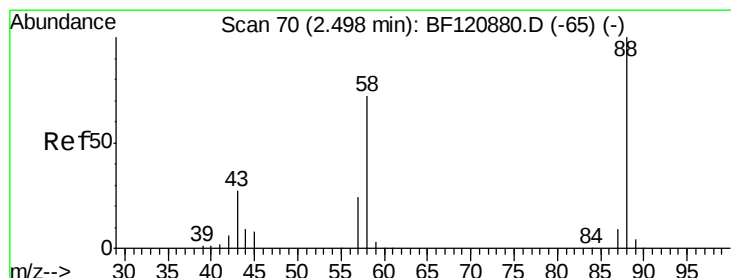
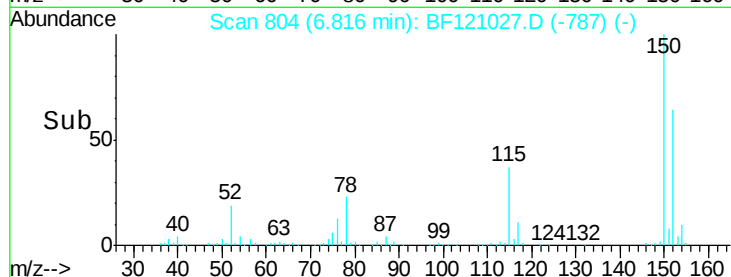
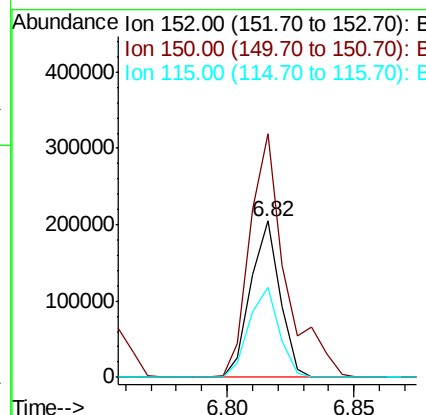
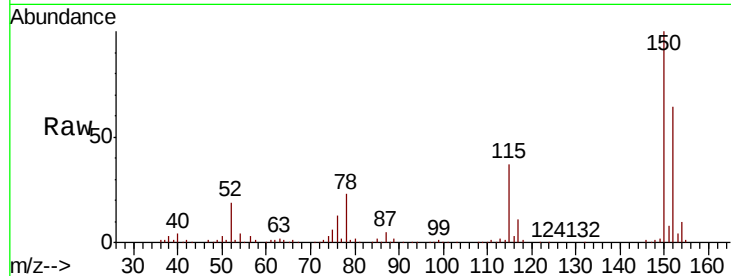
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.0	187.6
115	57.6	47.0	70.4

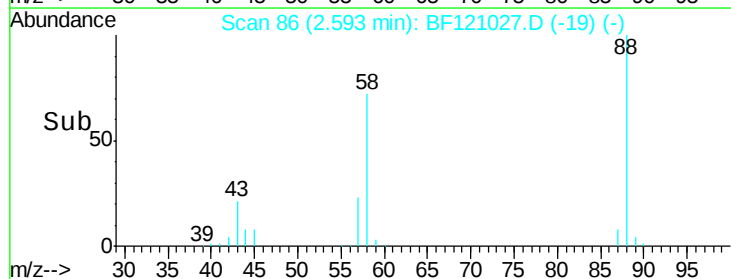
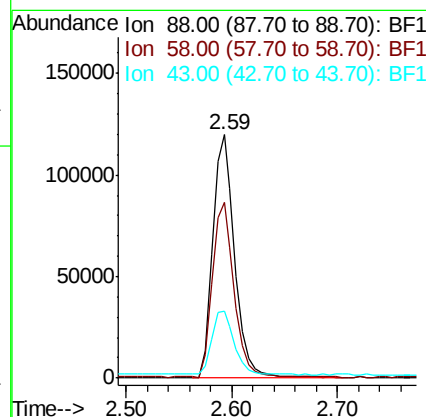
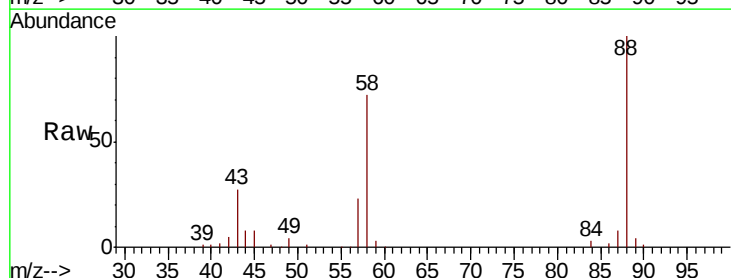
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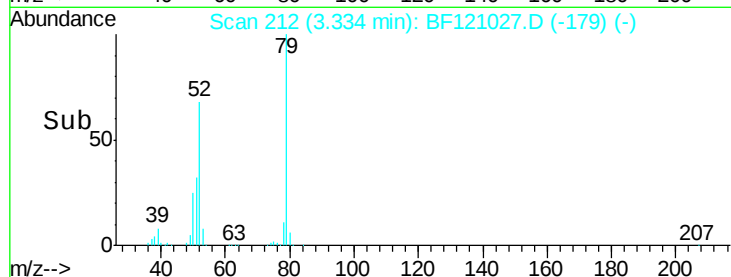
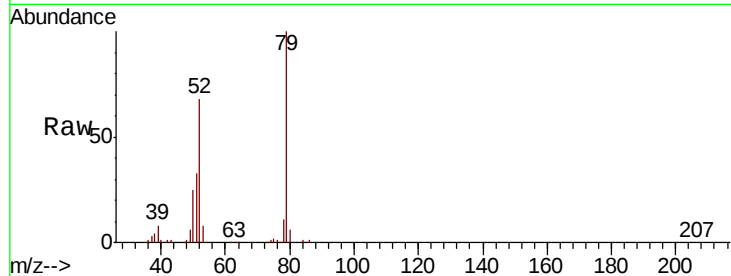
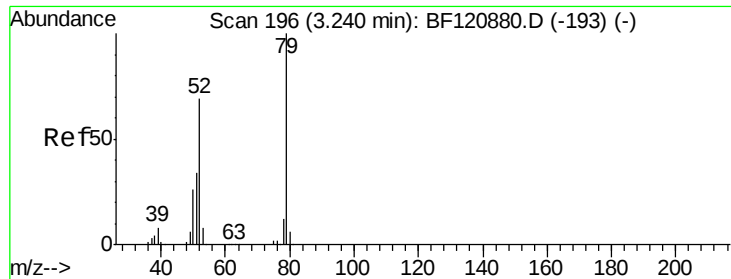
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#2
 1,4-Dioxane
 Concen: 36.569 ng
 RT: 2.59 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	58.2	87.2
43	27.1	22.1	33.1





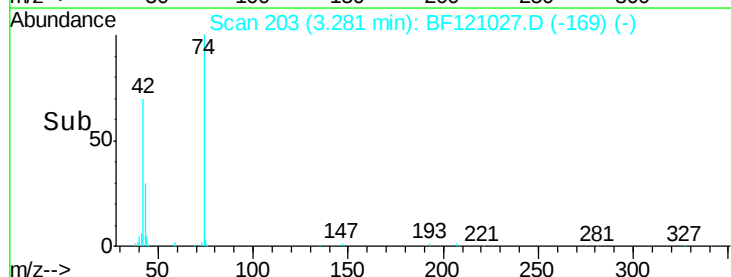
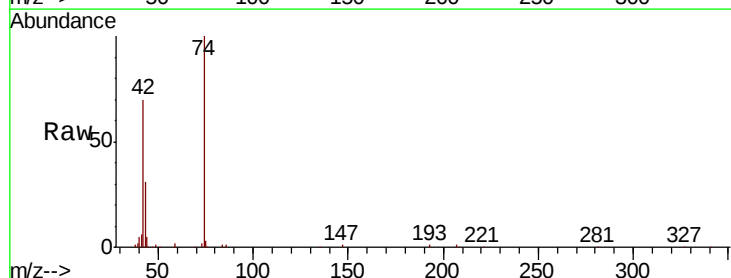
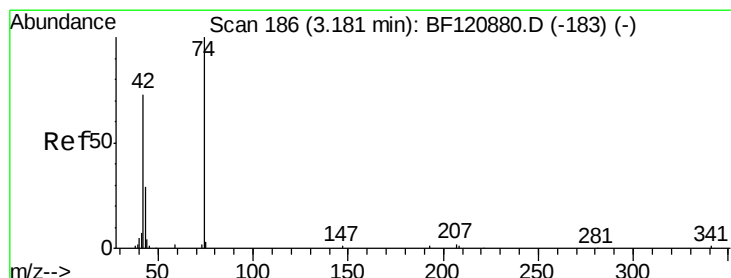
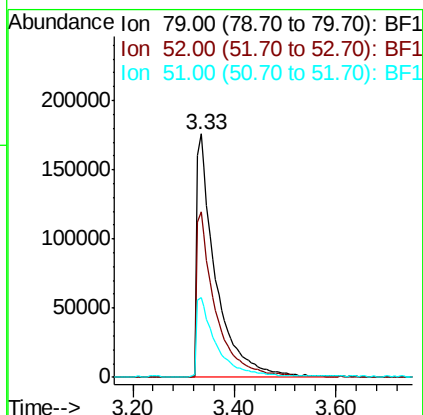
#3
Pvridine
Concen: 36.277 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.09 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tot Ion	Ratio	Resp	Lower	Upper
79	100	451556		
52	68.1		55.0	82.6
51	32.7		26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB130493BS

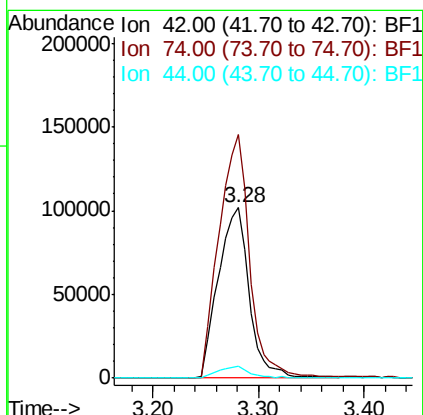
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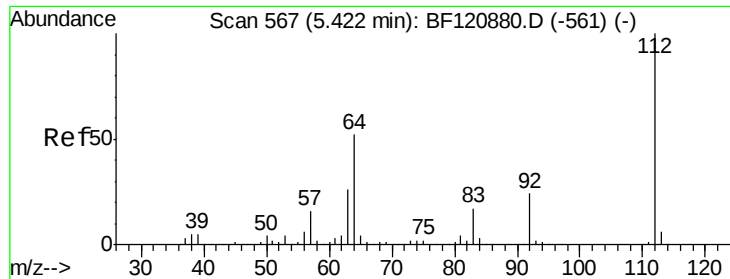
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#4
n-Nitrosodimethylamine
Concen: 39.040 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.10 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	207792		
74	143.2		108.7	163.1
44	7.0		5.2	7.8





#5

2-Fluorophenol

Concen: 101.015 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

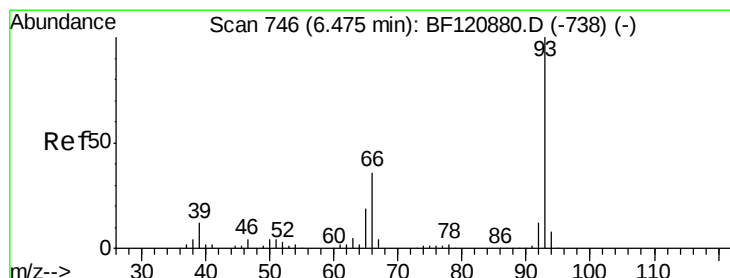
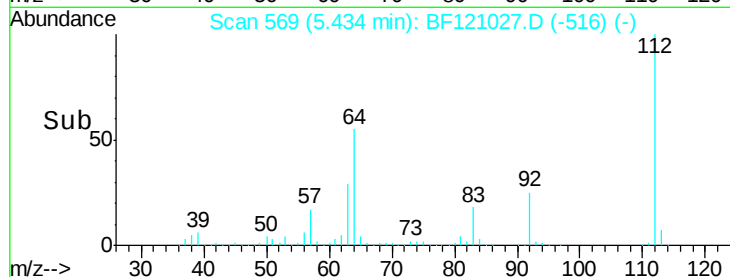
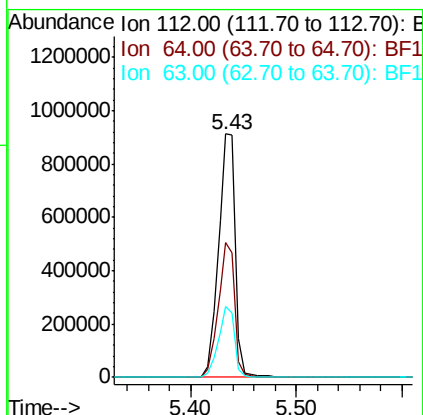
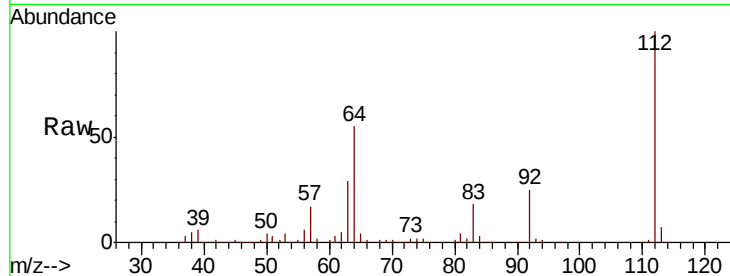
ClientSampleId :

PB130493BS

Tot Ion:	112	Resp:	1027010
Ion	Ratio	Lower	Upper
112	100		
64	55.1	41.3	61.9
63	28.9	21.1	31.7

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#6

Aniline

Concen: 28.912 ng

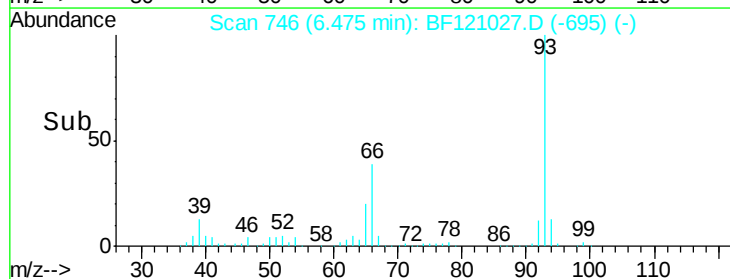
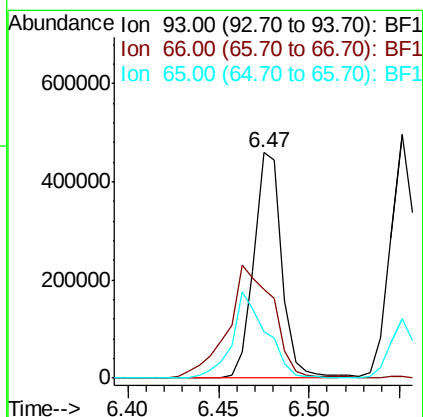
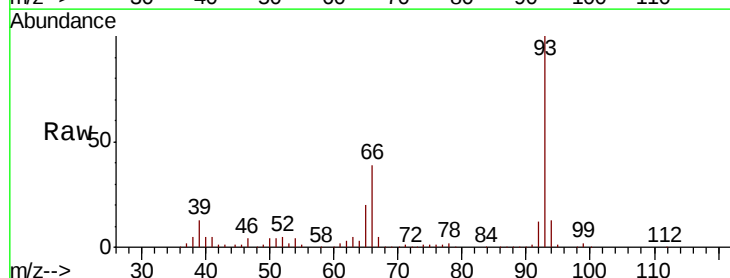
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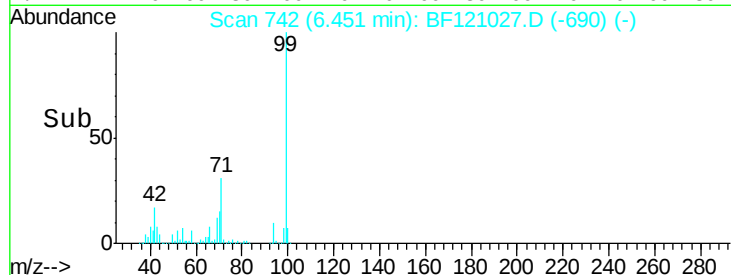
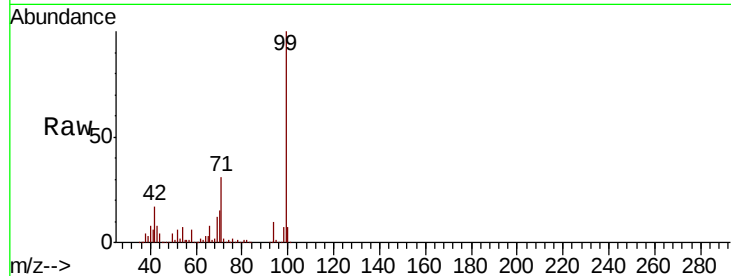
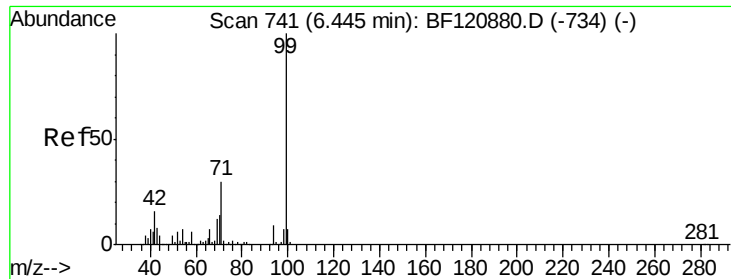
Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion:	93	Resp:	495636
Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.2	45.4
65	20.3	15.8	23.6





#7

Phenol-d6

Concen: 95.939 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tot Ion: 99 Resp: 1259972

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.3 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

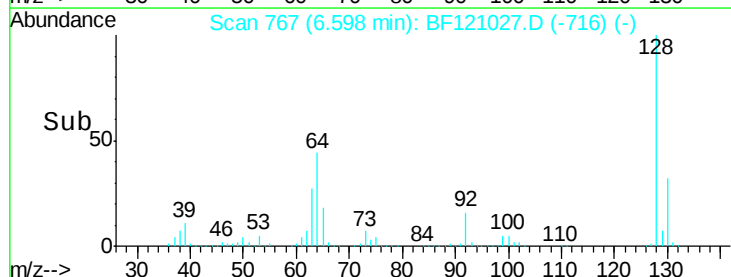
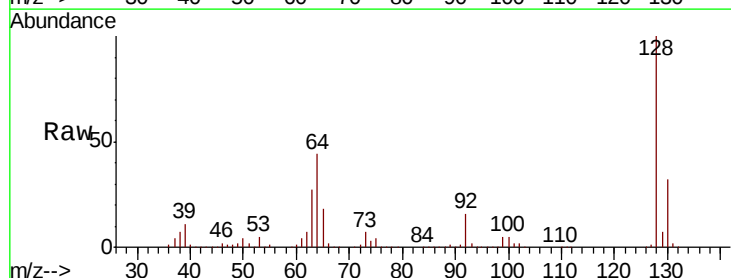
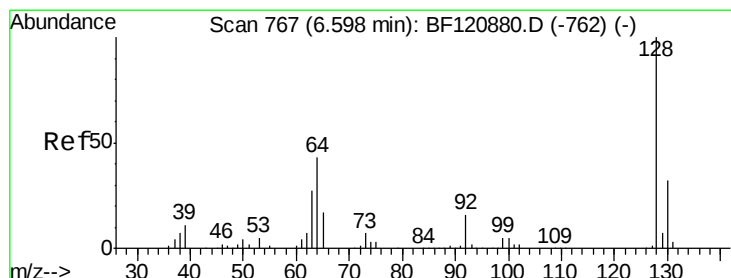
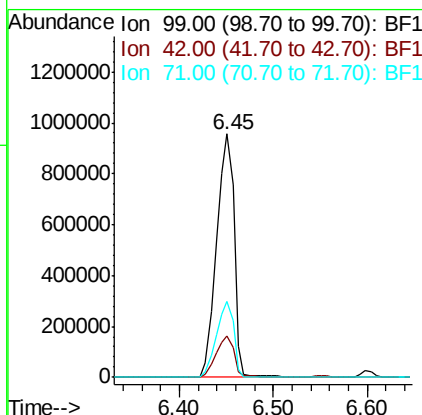
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#8

2-Chlorophenol

Concen: 41.660 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

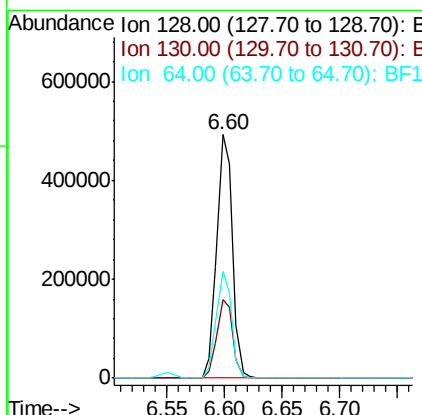
Tgt Ion: 128 Resp: 466595

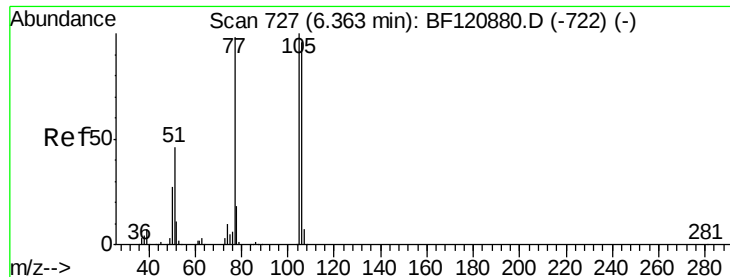
Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

64 44.0 24.0 64.0





#9

Benzaldehyde

Concen: 13.523 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

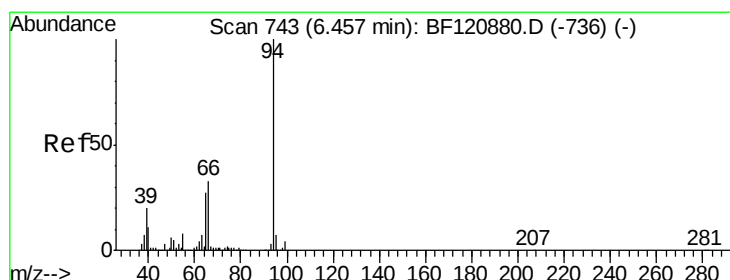
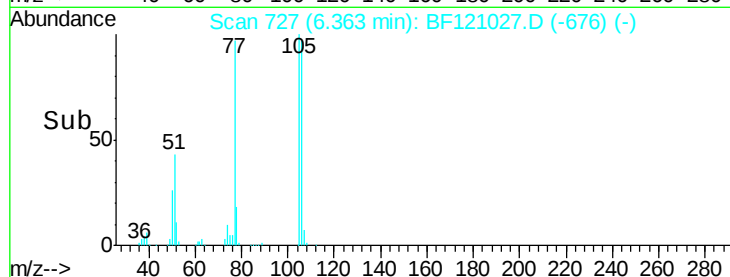
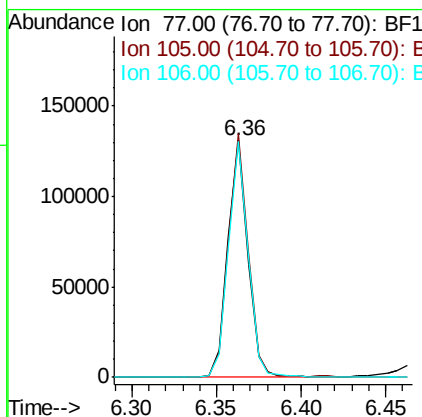
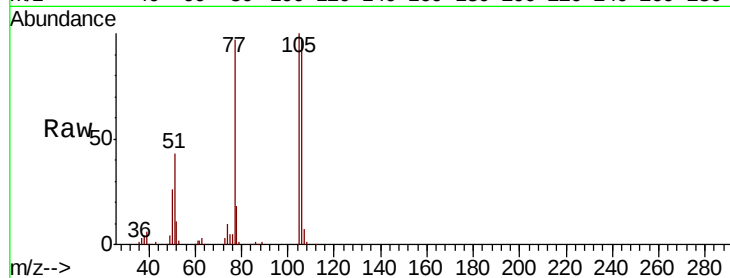
ClientSampleId :

PB130493BS

Tot Ion:	77	Resp:	107694
Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.5	122.5
106	99.7	78.7	118.7

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#10

Phenol

Concen: 37.809 ng

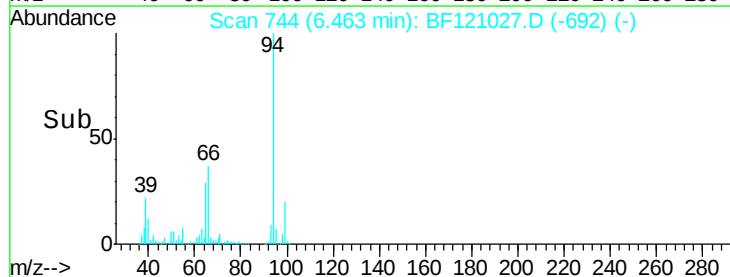
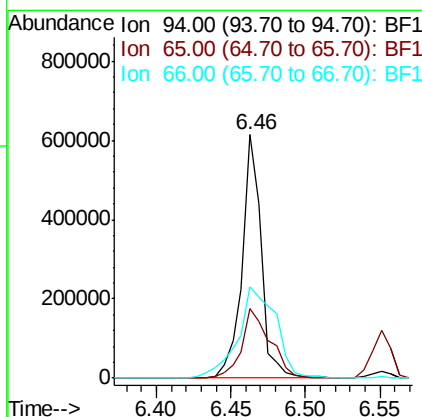
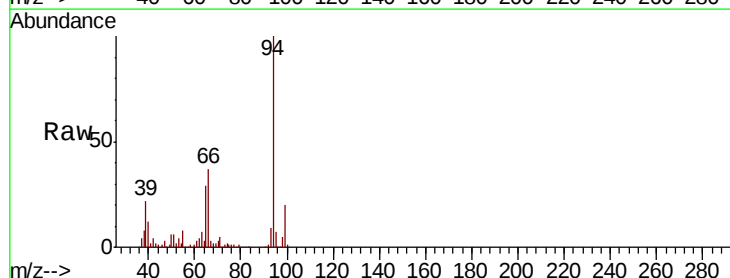
RT: 6.46 min Scan# 744

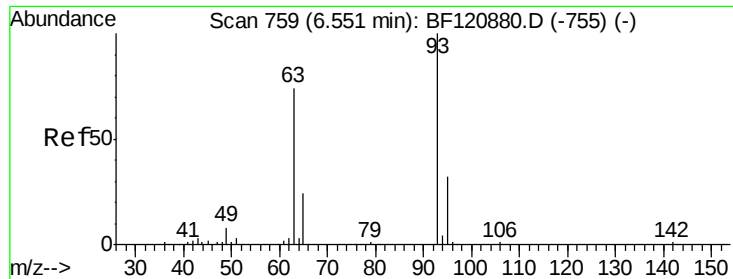
Delta R.T. 0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion:	94	Resp:	546214
Ion	Ratio	Lower	Upper
94	100		
65	28.5	6.6	46.6
66	37.4	13.2	53.2





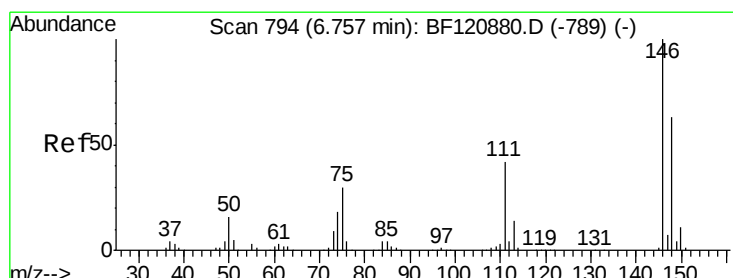
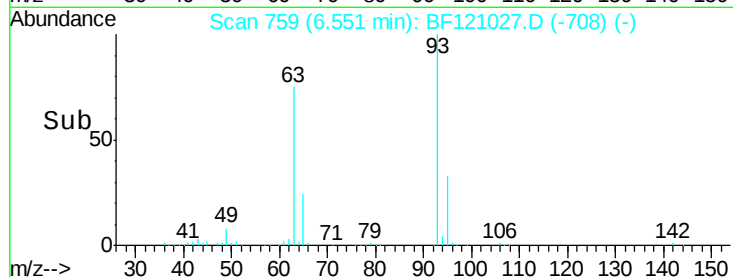
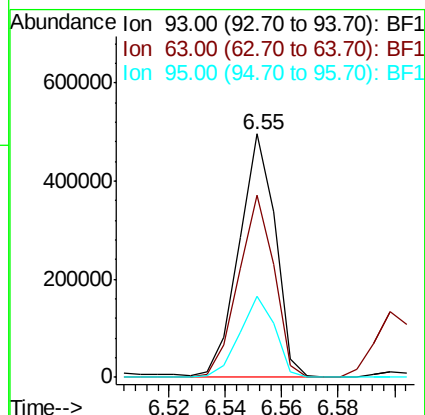
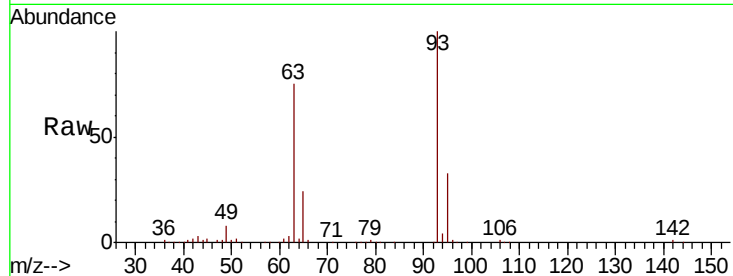
#11
bis(2-Chloroethyl)ether
Concen: 39.583 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	54.2	94.2
95	33.1	12.2	52.2

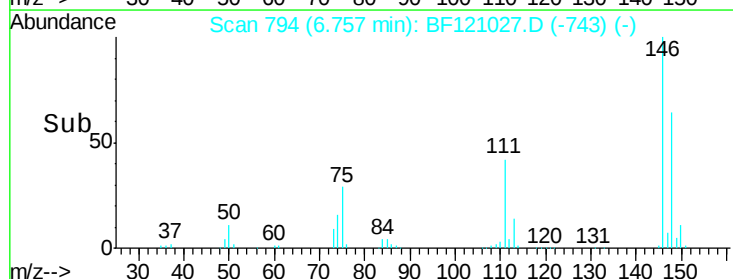
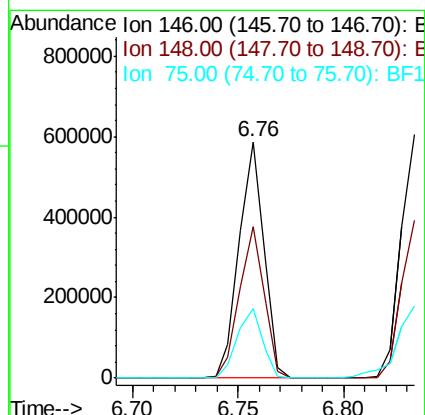
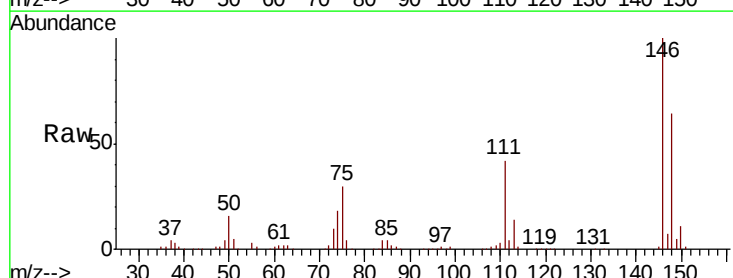
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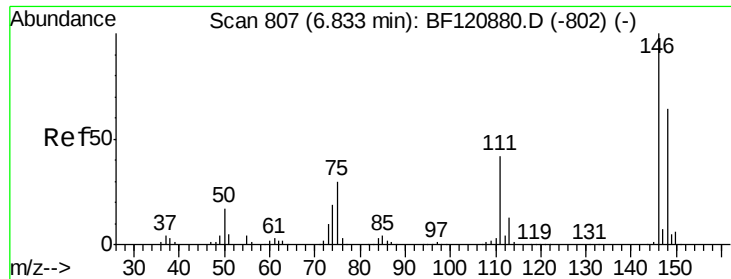
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#12
1,3-Dichlorobenzene
Concen: 39.304 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
75	29.6	24.1	36.1





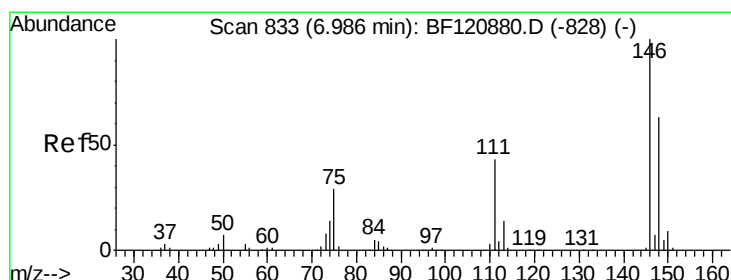
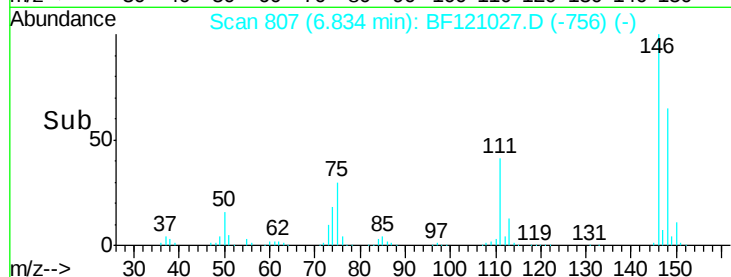
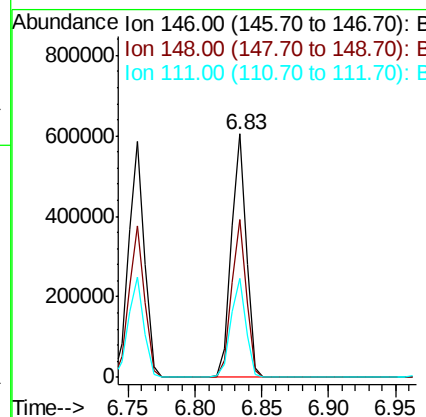
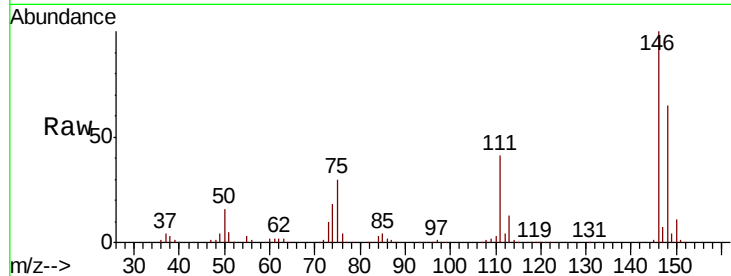
#13
1,4-Dichlorobenzene
Concen: 39.981 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	40.8	33.5	50.3

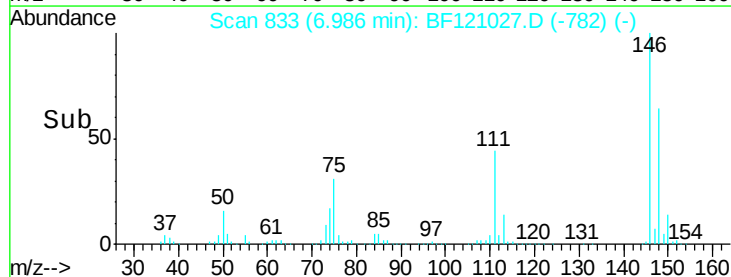
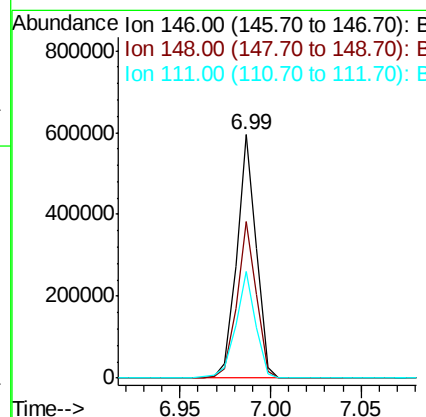
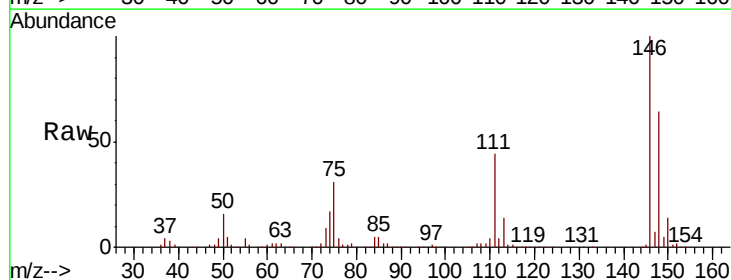
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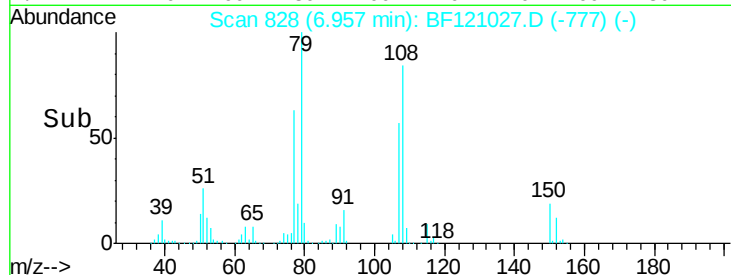
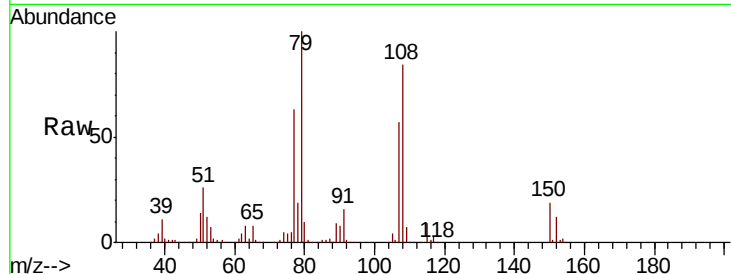
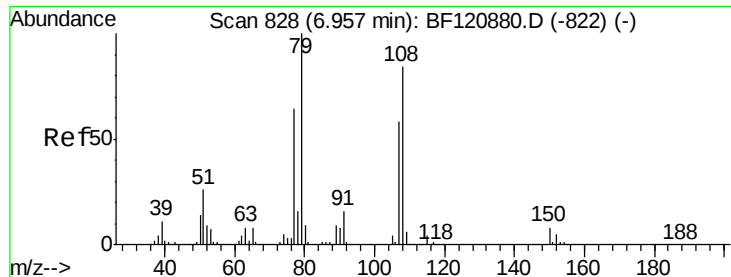
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#14
1,2-Dichlorobenzene
Concen: 38.697 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	43.8	34.2	51.2





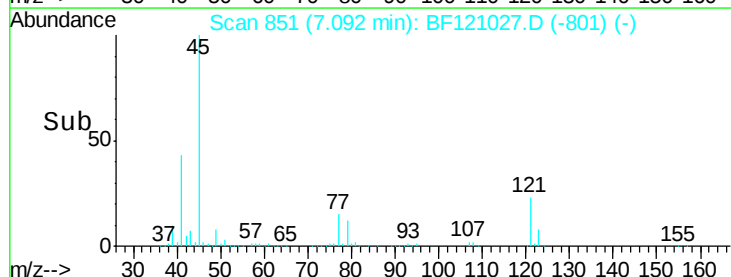
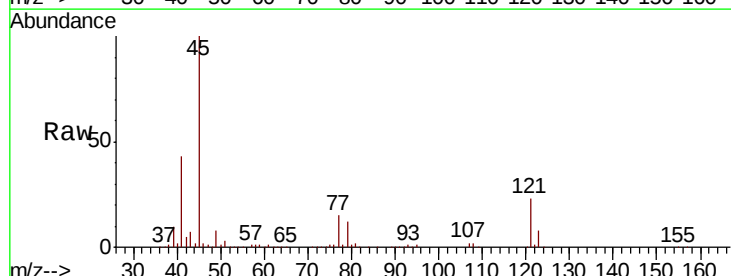
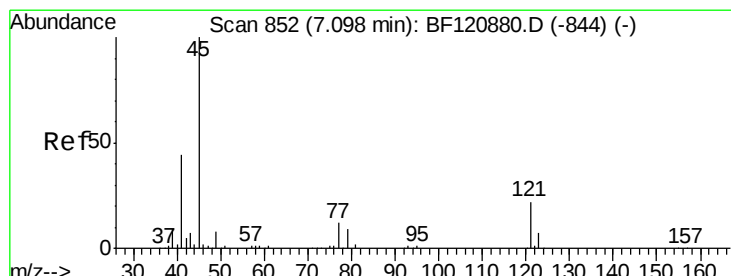
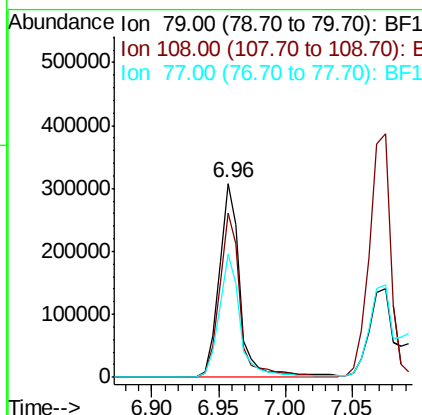
#15
Benzyl Alcohol
Concen: 36.812 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	84.5	67.0	100.6		
77	63.4	51.0	76.4		

Instrument :
BNA_F
ClientSampled :
PB130493BS

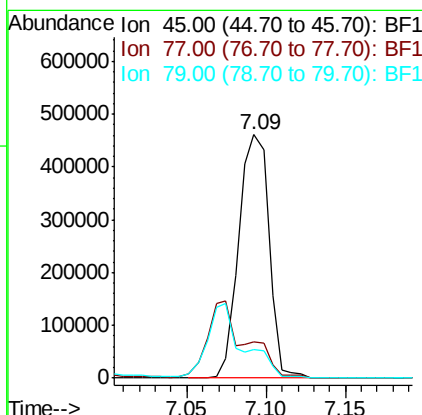
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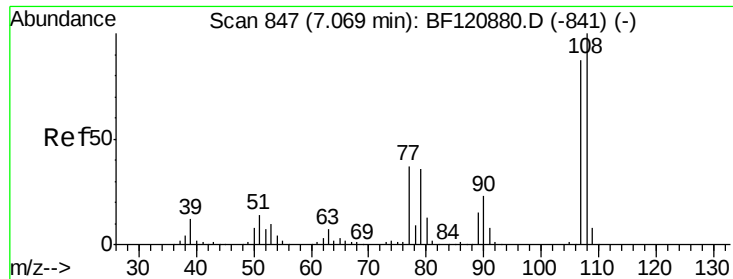
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.216 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	15.0	0.0	34.3		
79	11.8	0.0	31.0		





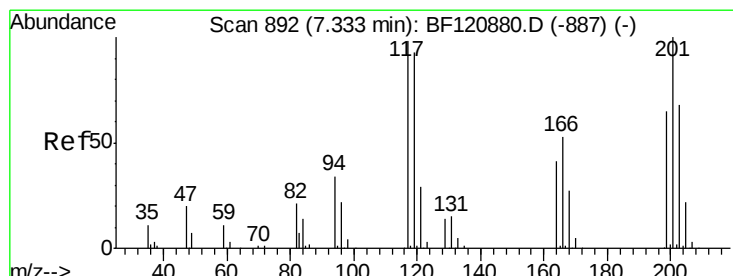
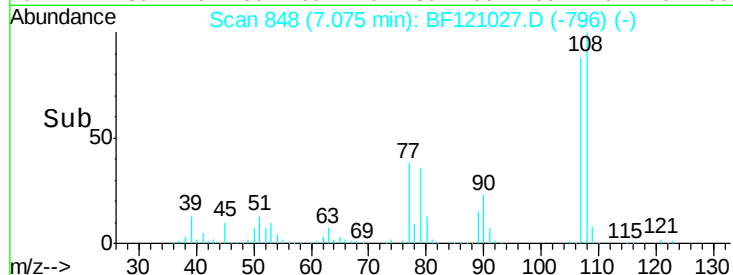
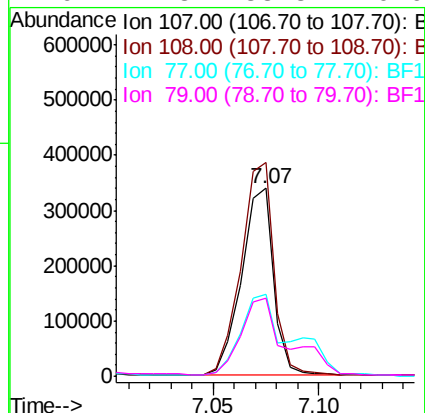
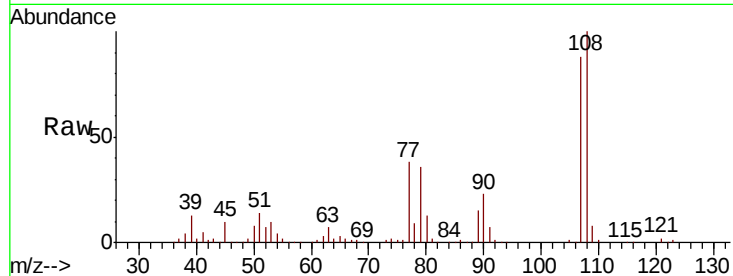
#17
2-Methylphenol
Concen: 35.922 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.7	92.0	138.0		
77	43.3	34.0	51.0		
79	41.3	33.3	49.9		

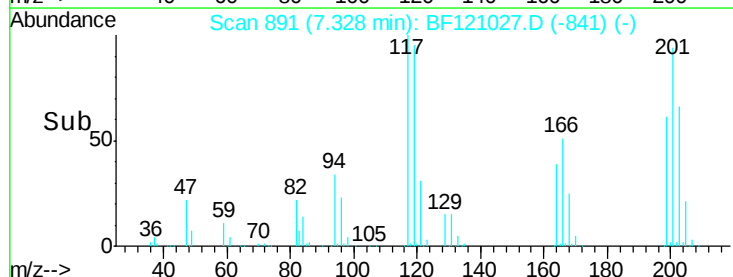
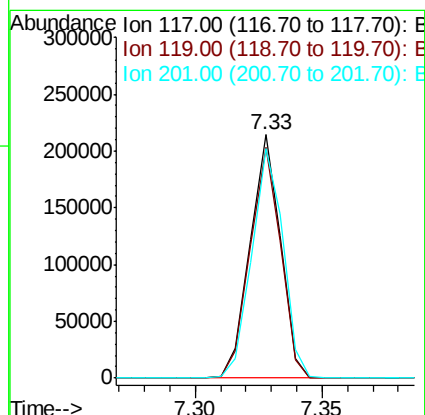
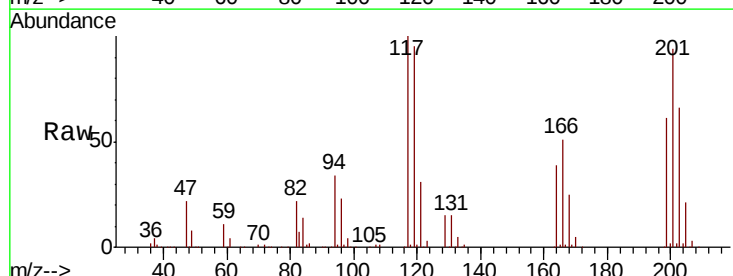
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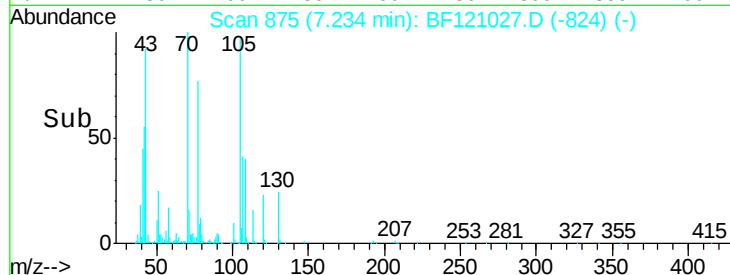
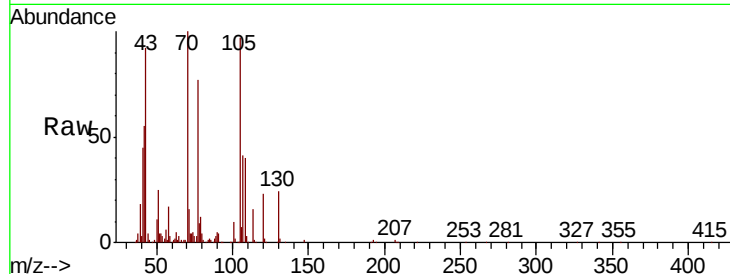
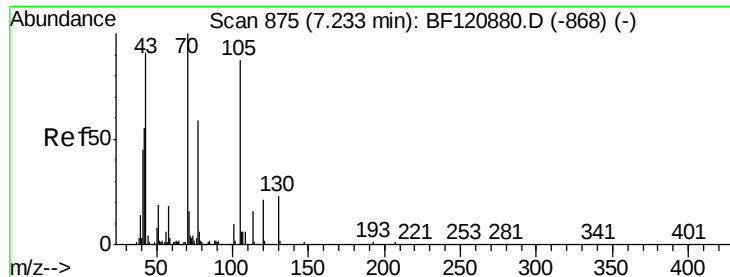
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#18
Hexachloroethane
Concen: 40.997 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.0	76.0	114.0		
201	94.1	81.7	122.5		





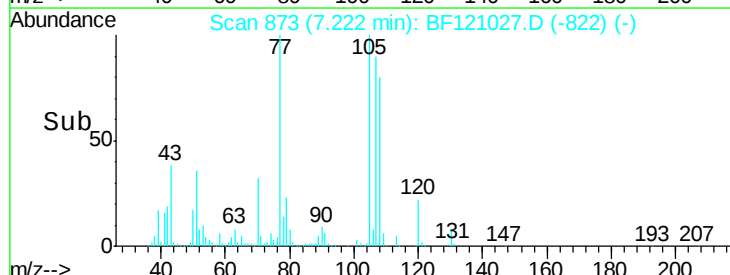
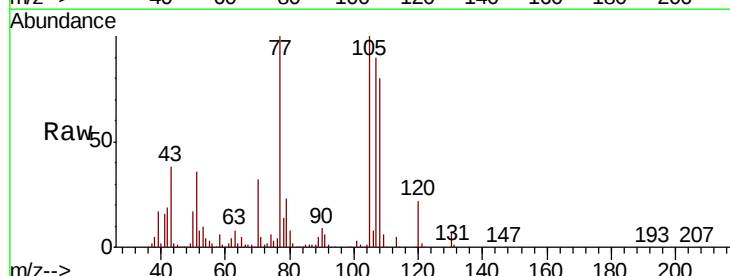
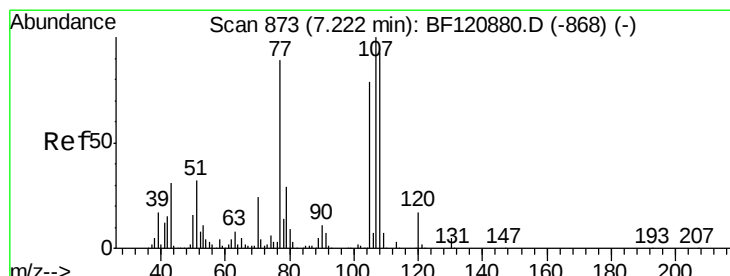
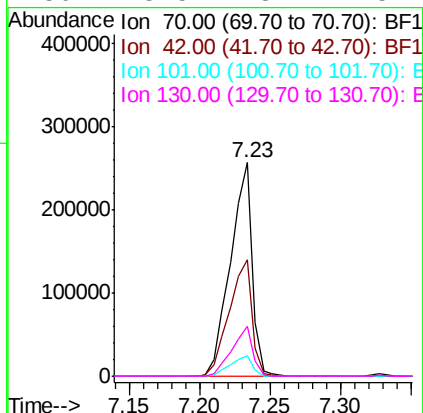
#19
n-Nitroso-di-n-propylamine
Concen: 36.838 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

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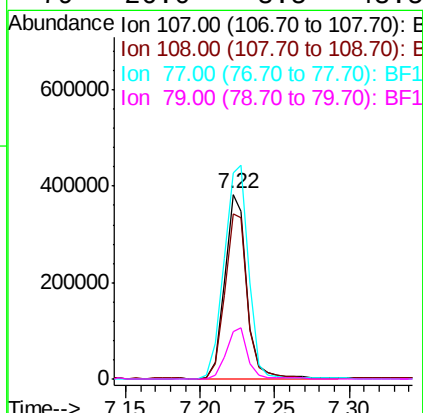
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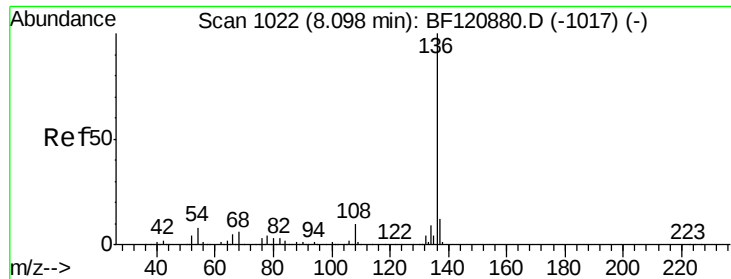
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	44.0	66.0
101	9.9	7.8	11.6
130	23.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 31.631 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.8	112.8
77	111.5	68.7	108.7#
79	26.0	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

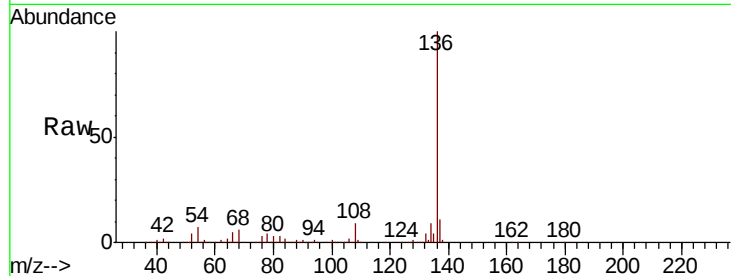
ClientSampleId :

PB130493BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		629632		
137	11.2		9.3	13.9	
54	7.2		6.3	9.5	
68	5.8		5.0	7.4	

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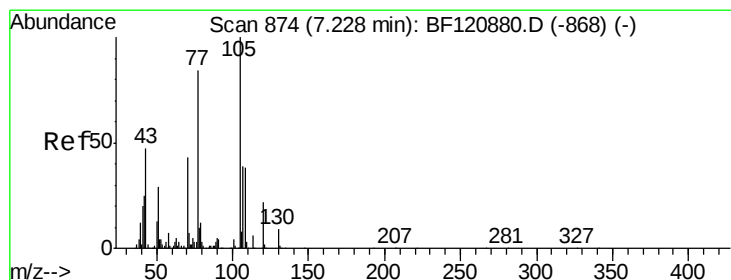
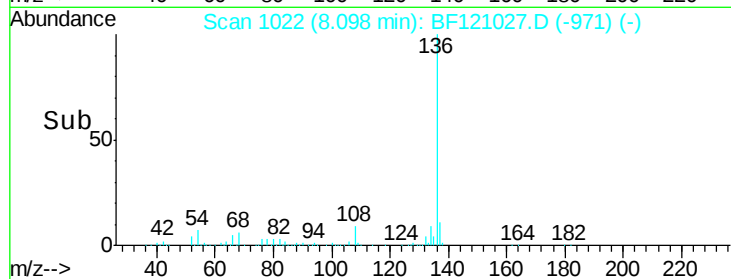
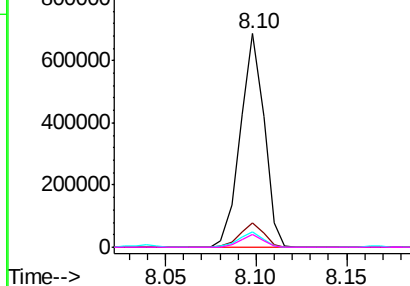
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.370 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		542207		
71	7.3		5.7	8.5	
51	33.0		22.9	34.3	
120	22.4		18.0	27.0	

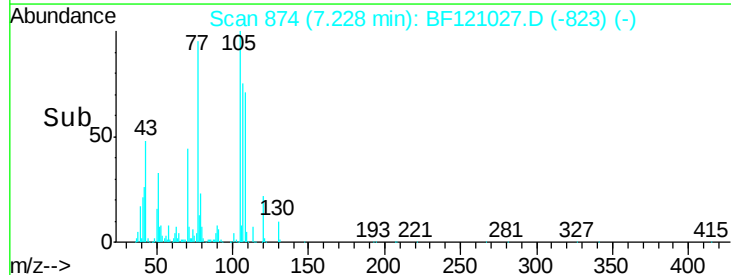
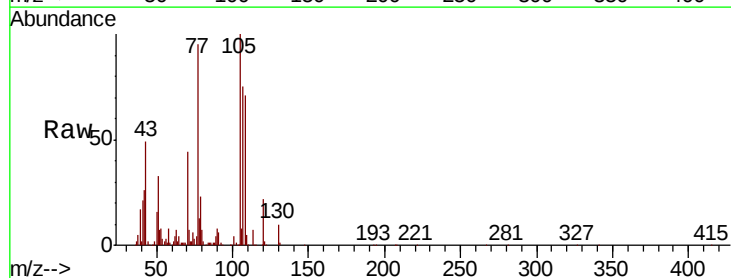
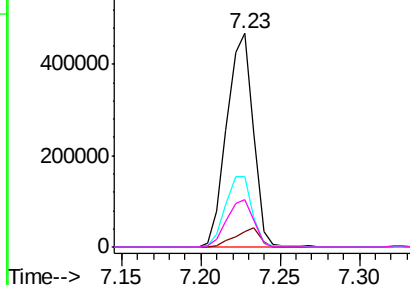
Abundance

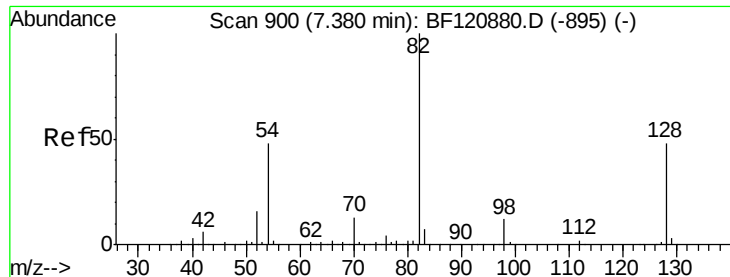
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





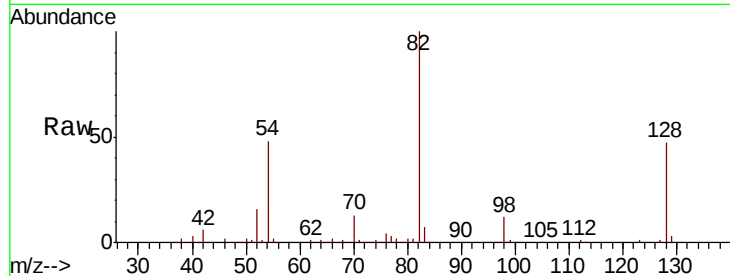
#23
Nitrobenzene-d5
Concen: 73.048 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampled :
PB130493BS

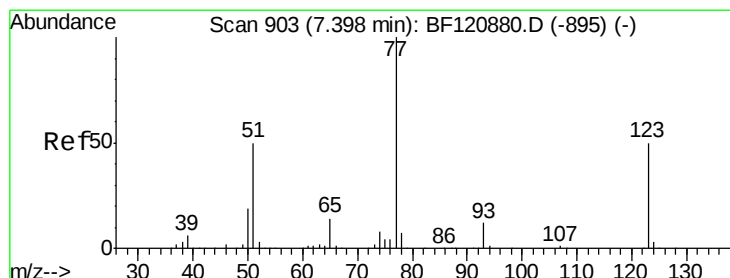
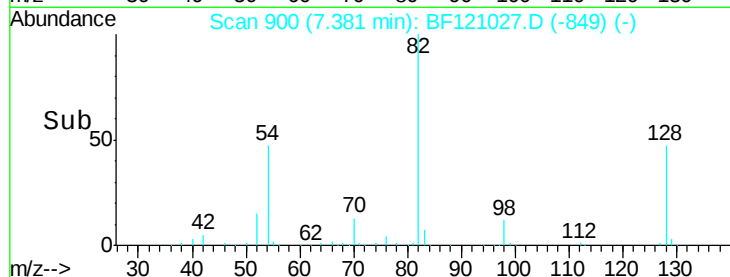
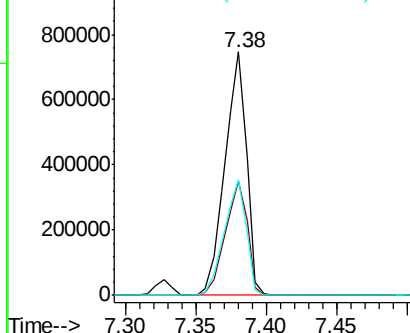
Tot Ion	Ratio	Resp	Lower	Upper
82	100	794863		
128	47.1		38.2	57.4
54	47.7		38.7	58.1

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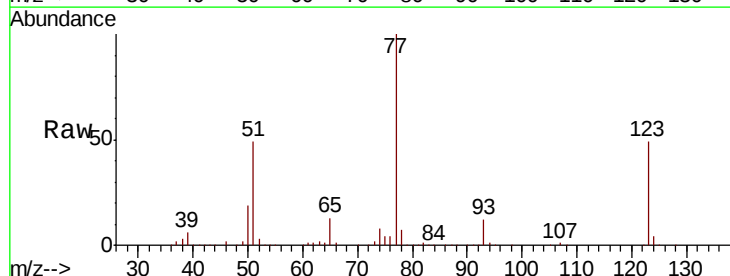


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

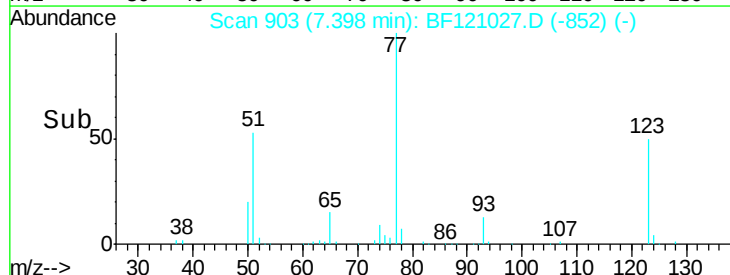
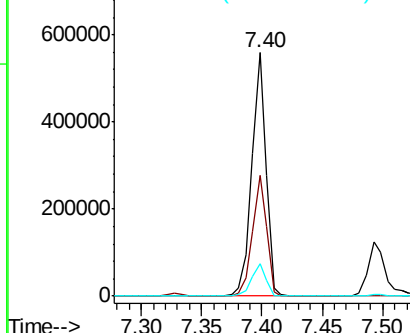


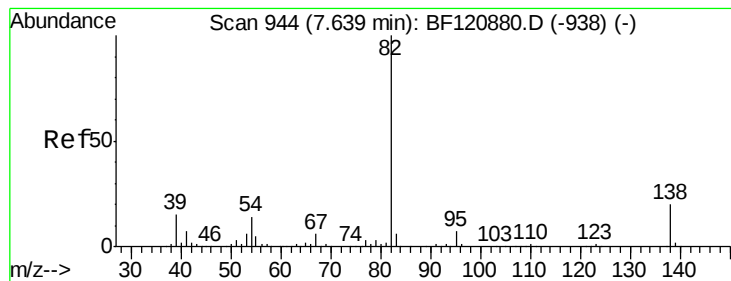
#24
Nitrobenzene
Concen: 39.480 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	463021		
123	49.5		40.1	60.1
65	13.3		10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.039 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

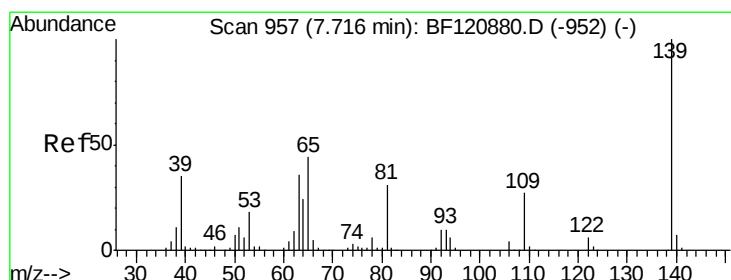
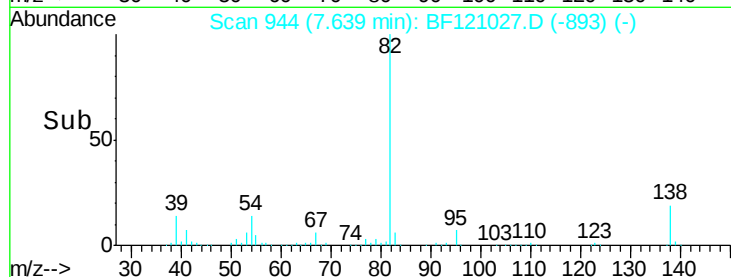
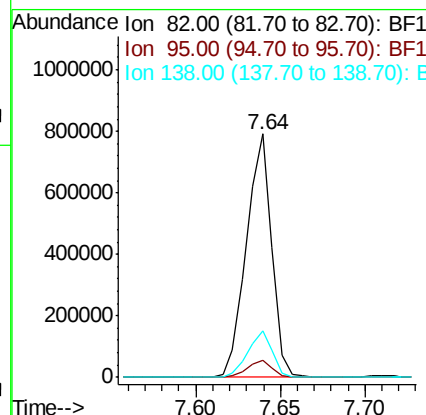
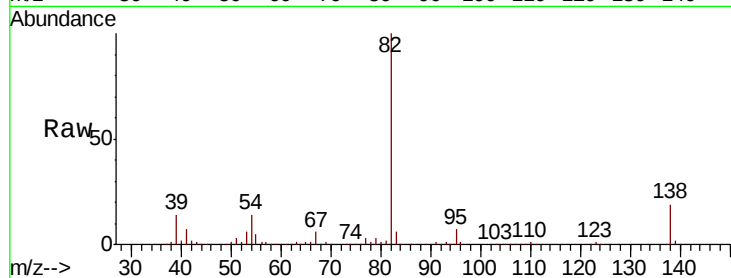
ClientSampleId :

PB130493BS

Tot Ion:	82	Resp:	826095
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.5	8.3
138	19.0	15.6	23.4

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#26

2-Nitrophenol

Concen: 43.640 ng

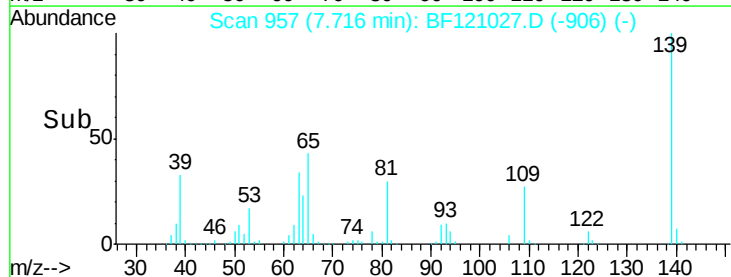
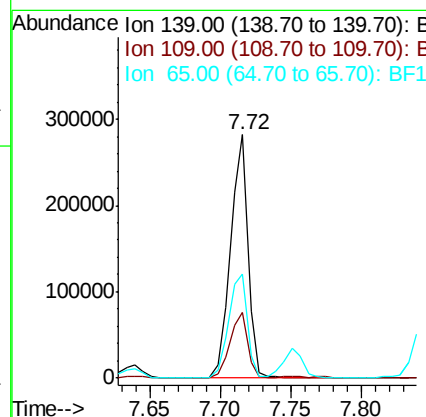
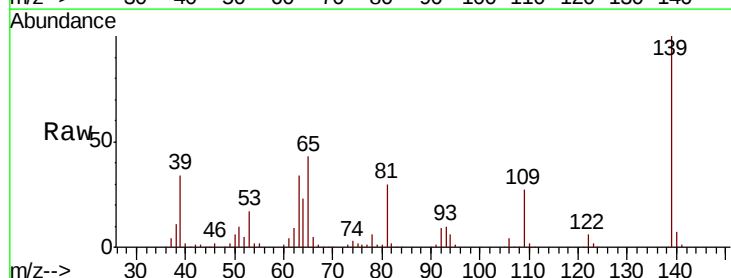
RT: 7.72 min Scan# 957

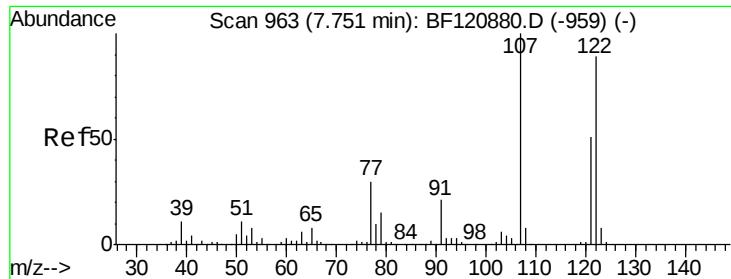
Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion:	139	Resp:	243074
Ion Ratio		Lower	Upper
139	100		
109	27.0	21.6	32.4
65	43.0	35.3	52.9





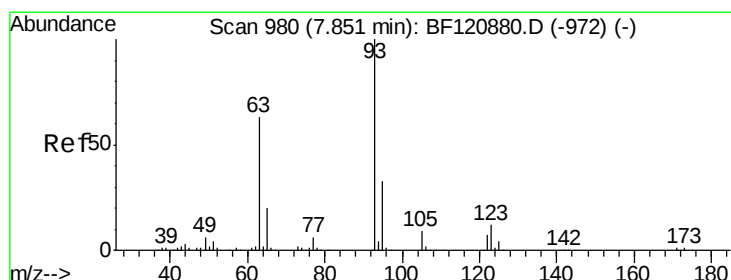
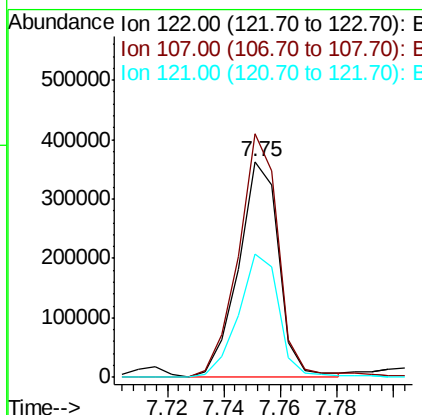
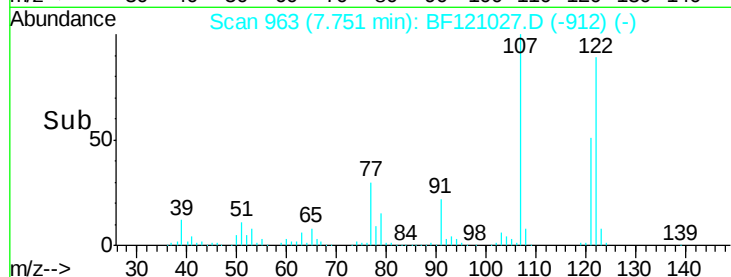
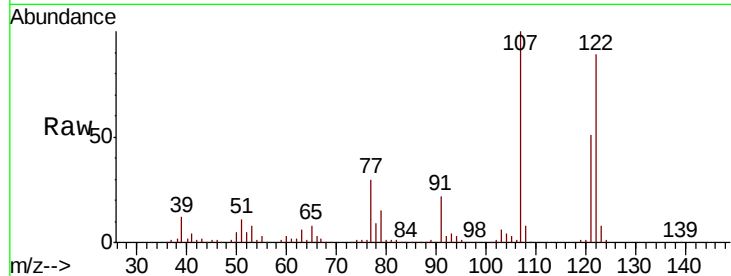
#27
 2,4-Dimethylphenol
 Concen: 40.080 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampled :
 PB130493BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	89.4	134.0
121	57.2	46.0	69.0

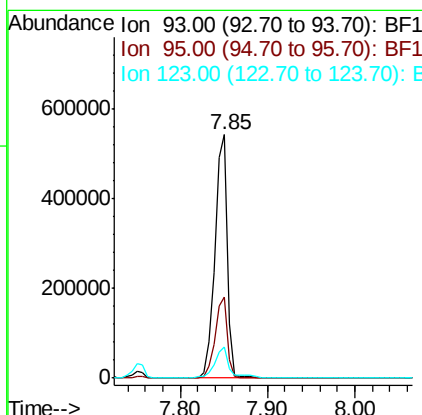
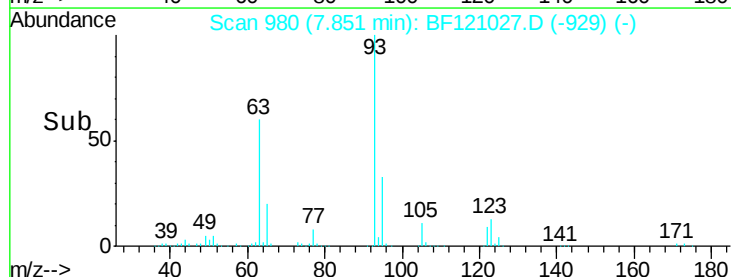
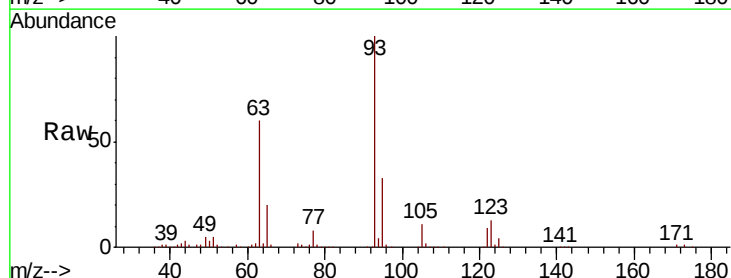
Manual Integrations
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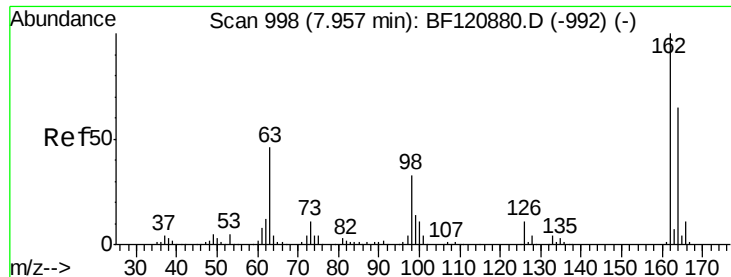
mohammad
 7/28/2020 11:43:12 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.422 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.6	10.0	15.0





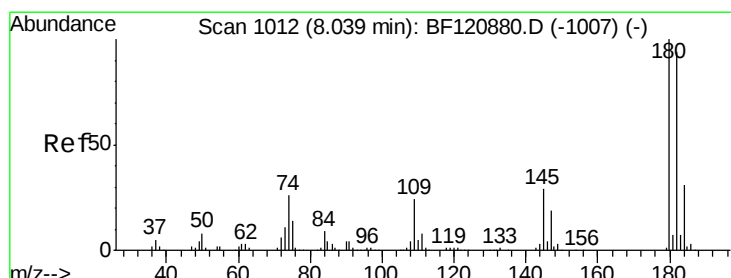
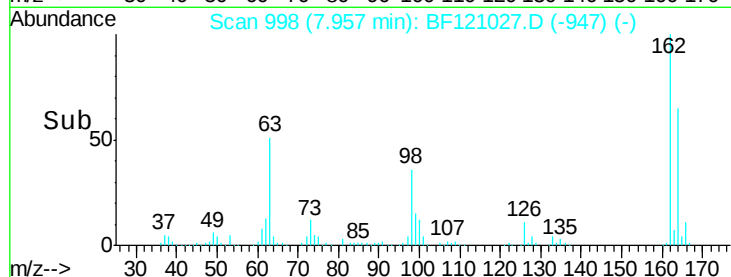
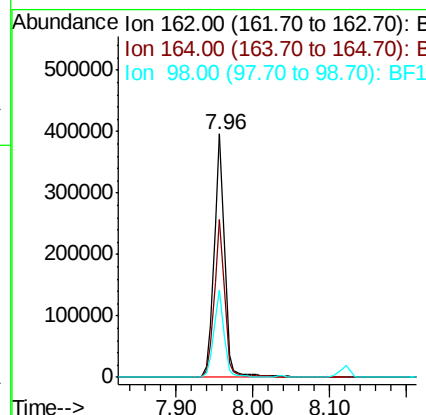
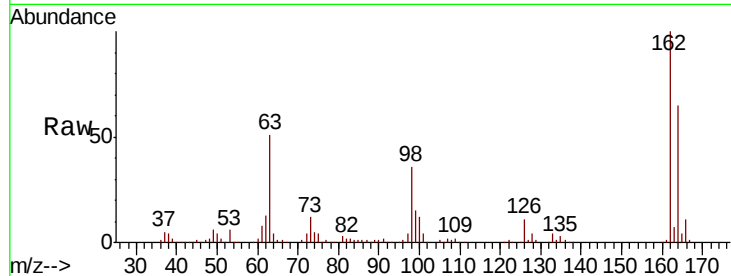
#29
2,4-Dichlorophenol
Concen: 40.798 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.3	85.3
98	36.2	13.3	53.3

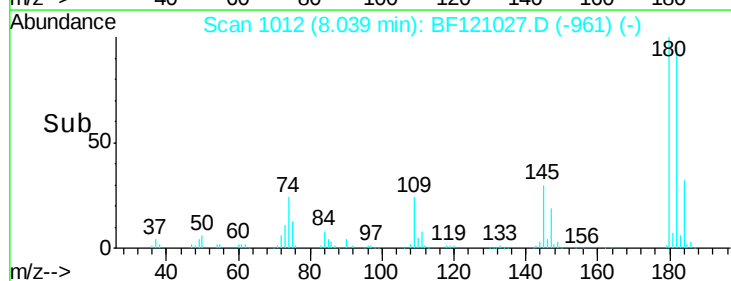
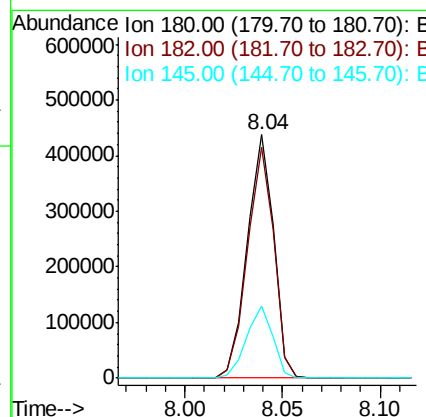
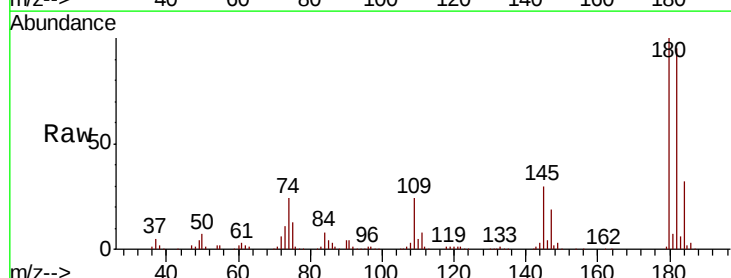
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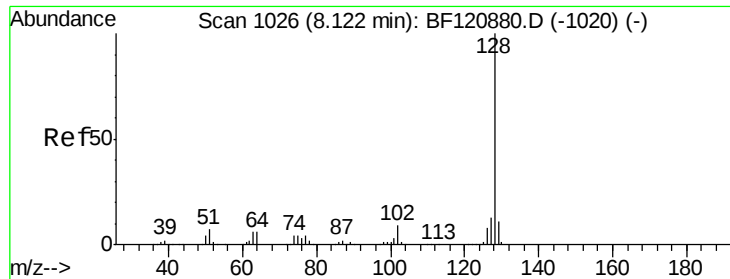
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.098 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	29.6	23.5	35.3





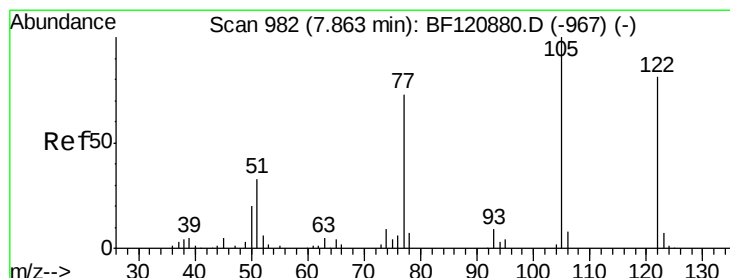
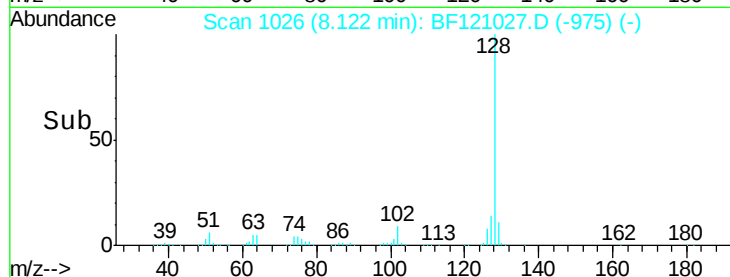
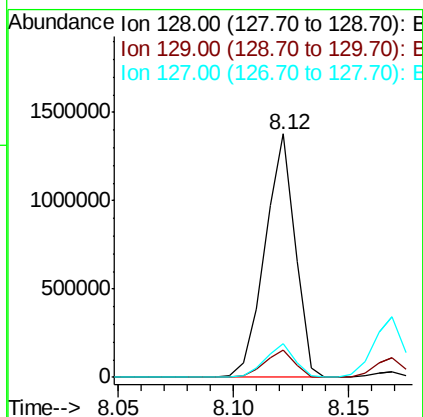
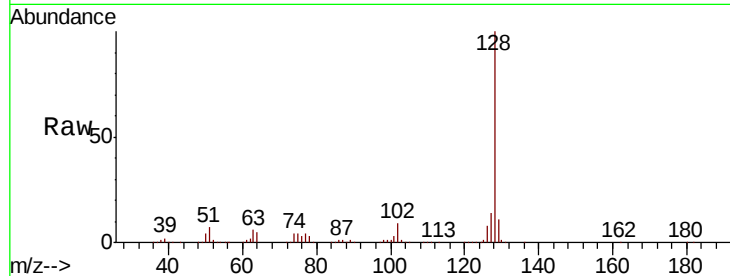
#31
Naphthalene
Concen: 38.719 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.6	10.7	16.1

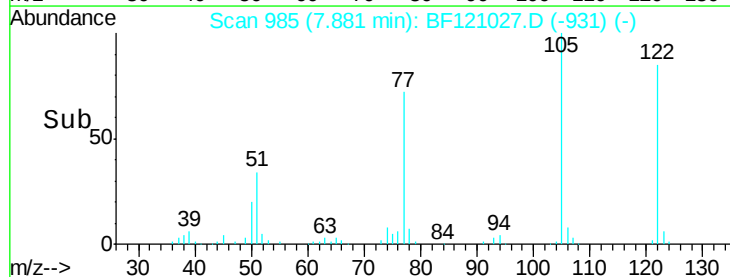
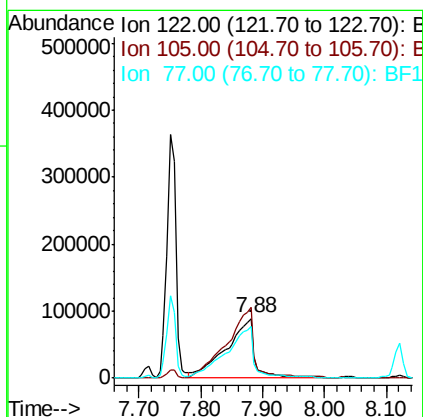
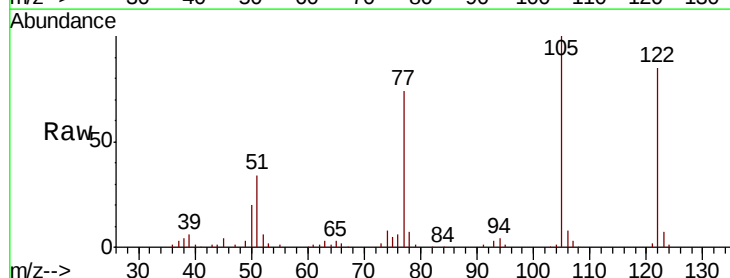
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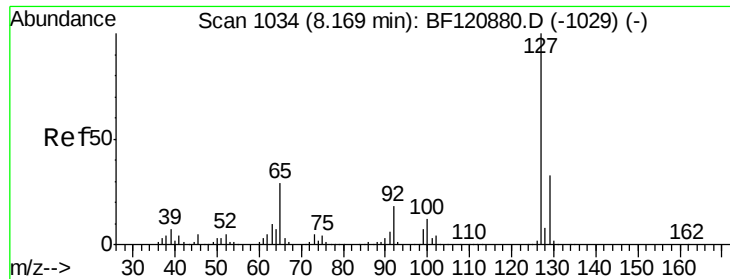
mohammad
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#32
Benzoic acid
Concen: 41.723 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.02 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	101.3	141.3
77	87.0	69.1	109.1





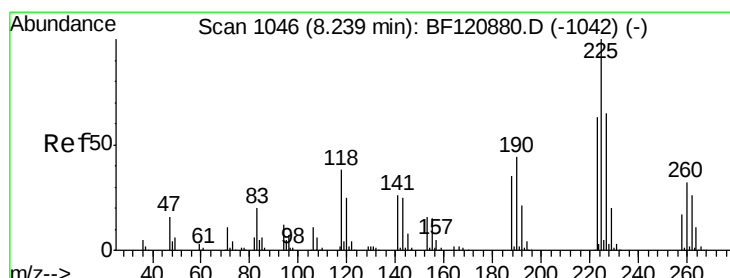
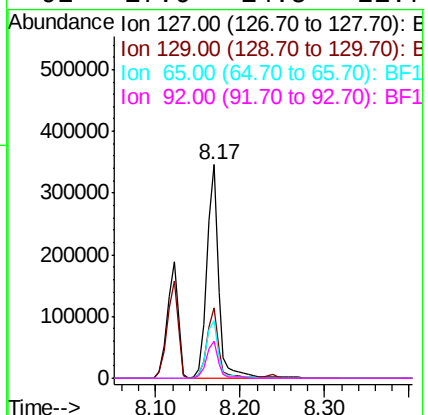
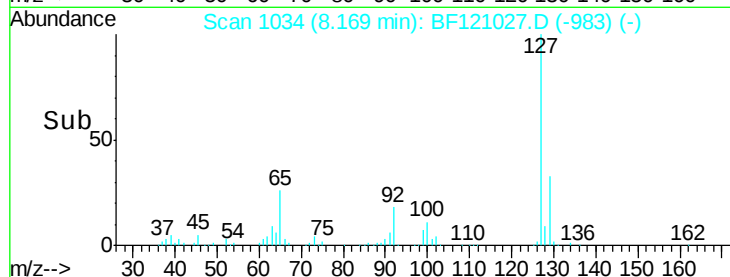
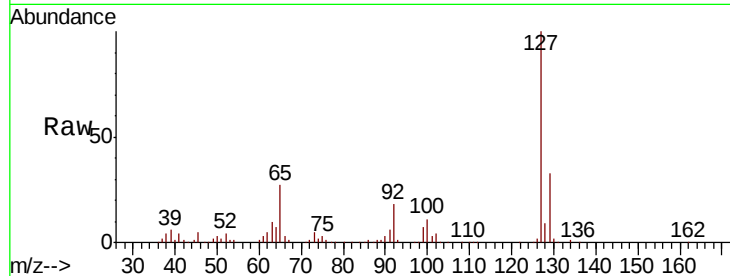
#33
4-Chloroaniline
Concen: 23.380 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.5	39.7		
65	26.8	23.0	34.4		
92	17.6	14.5	21.7		

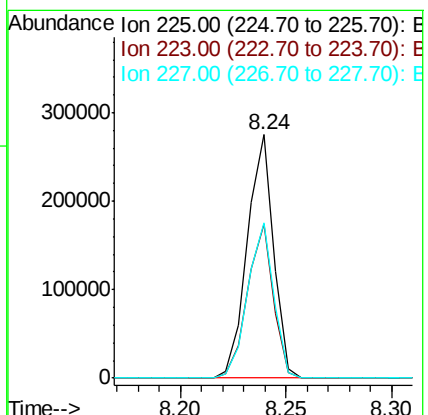
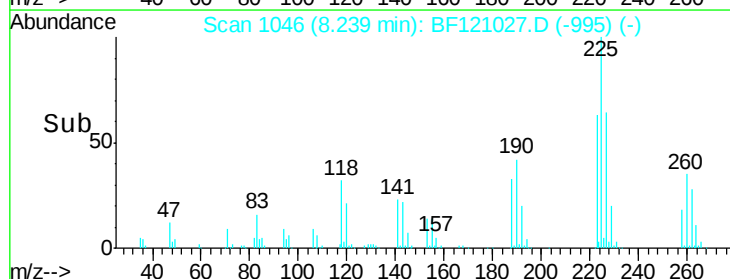
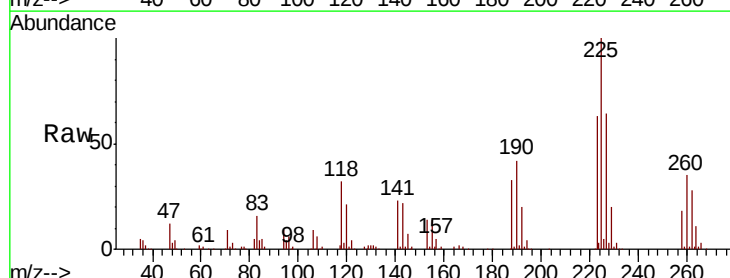
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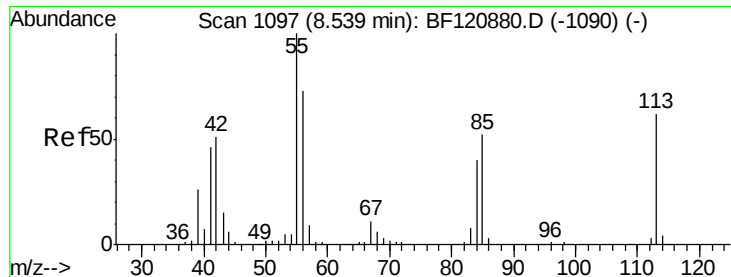
mohammad
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#34
Hexachlorobutadiene
Concen: 39.237 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.0	52.2	78.2		





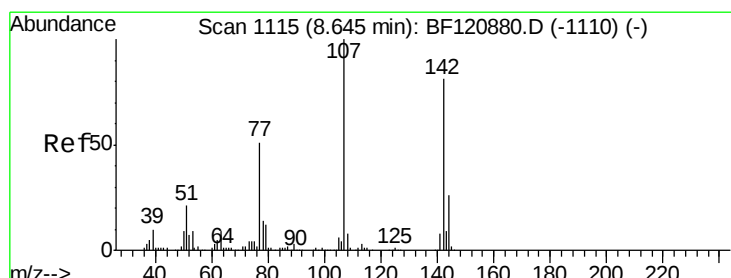
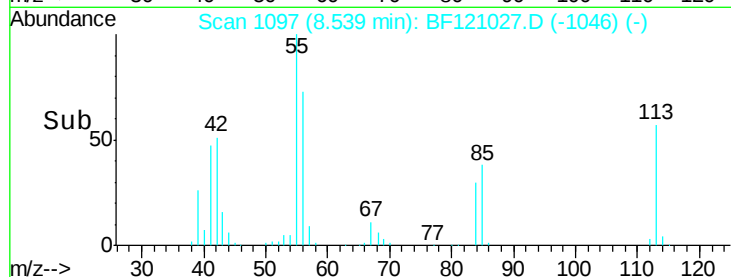
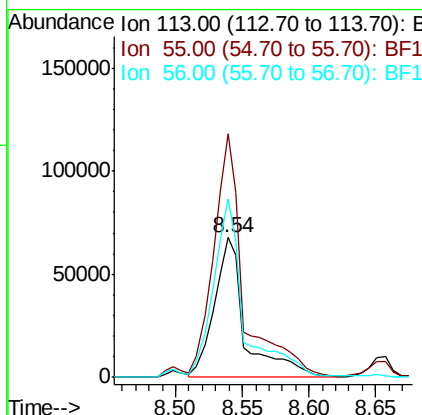
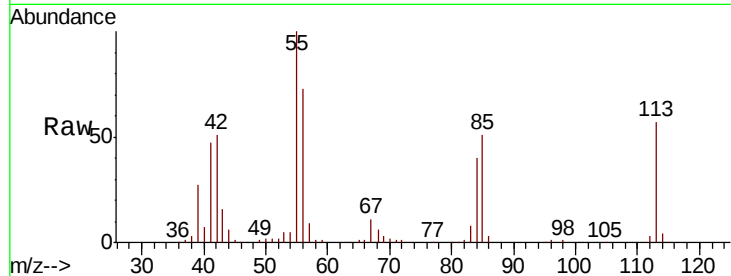
#35
 Caprolactam
 Concen: 37.332 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.6	143.3	183.3
56	127.9	99.4	139.4

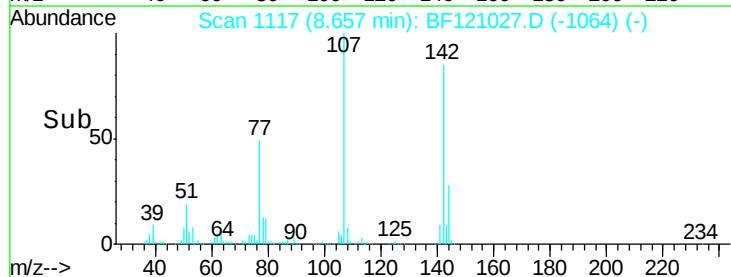
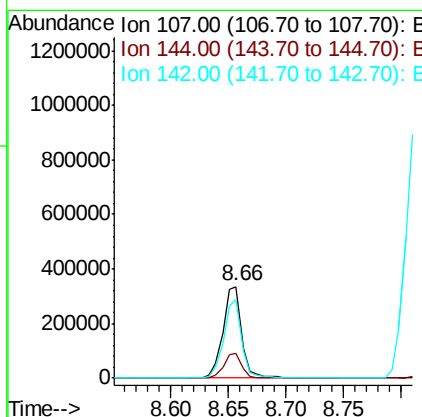
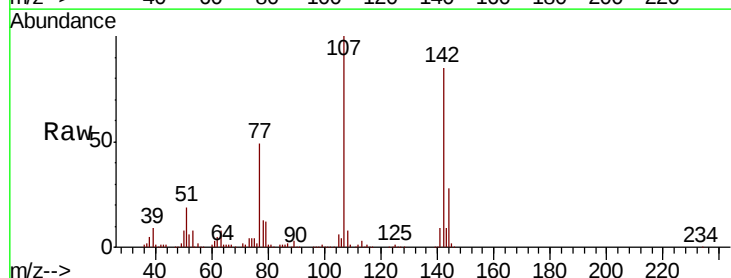
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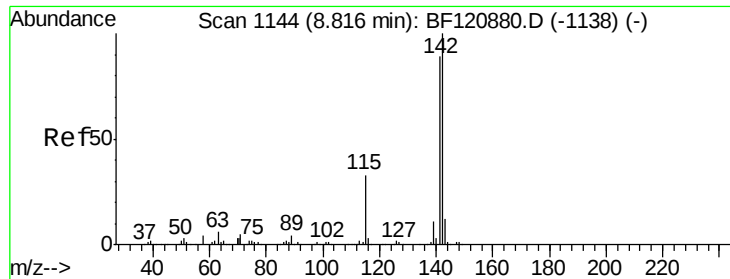
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 40.040 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.0	31.6
142	85.4	65.0	97.6





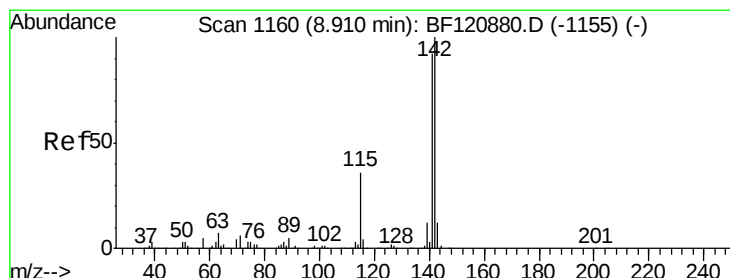
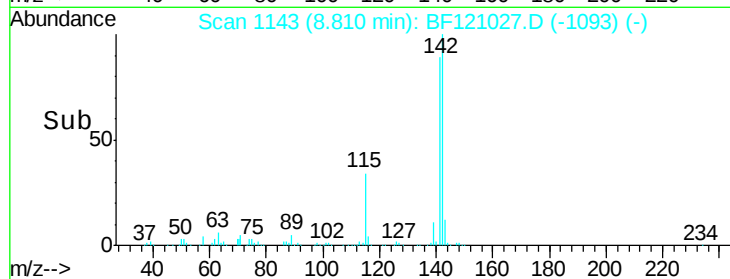
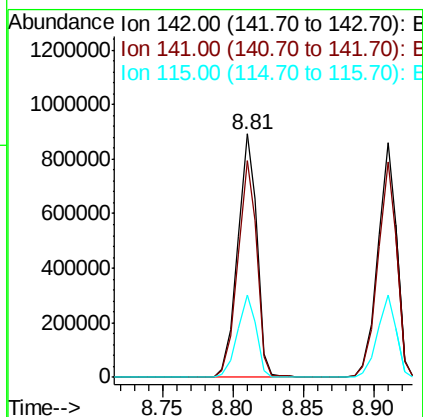
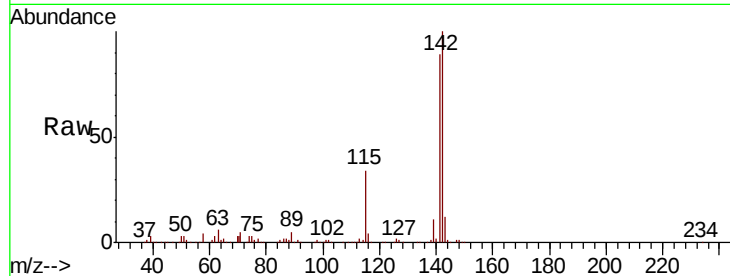
#37
2-Methylnaphthalene
Concen: 40.039 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.4
115	33.8	26.0	39.0

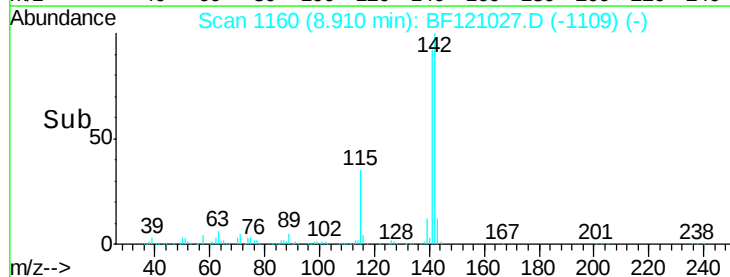
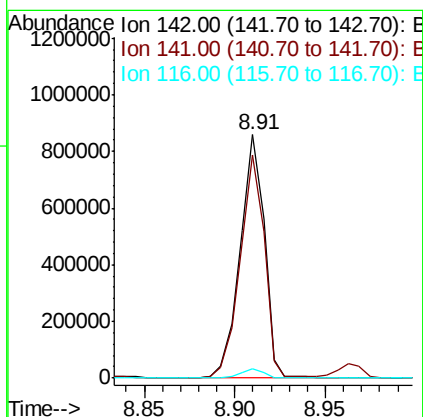
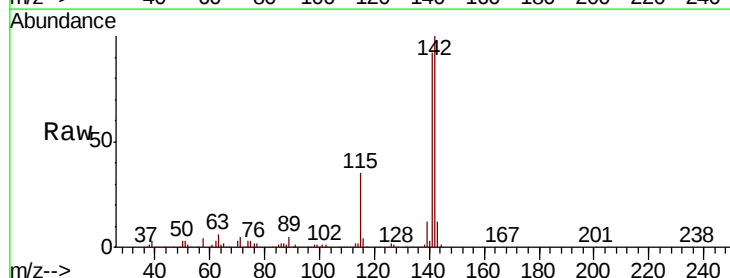
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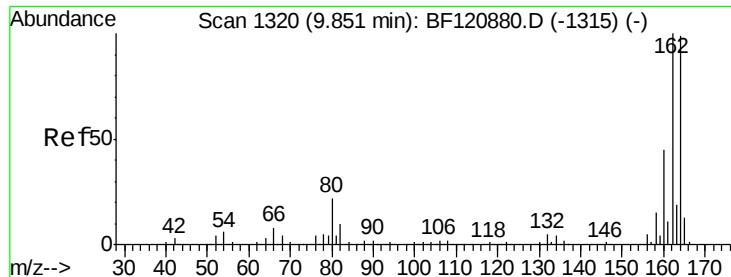
mohammad
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#38
1-Methylnaphthalene
Concen: 40.063 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.7	110.5
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

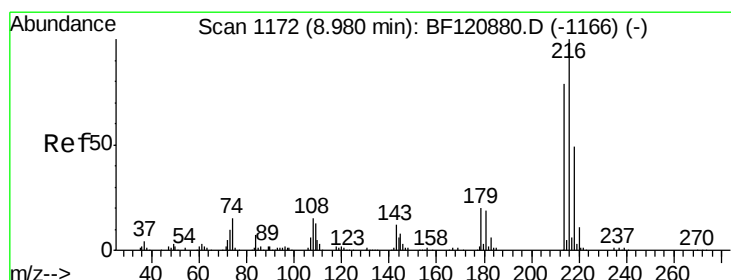
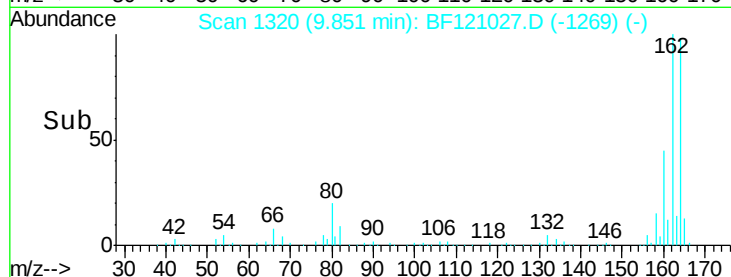
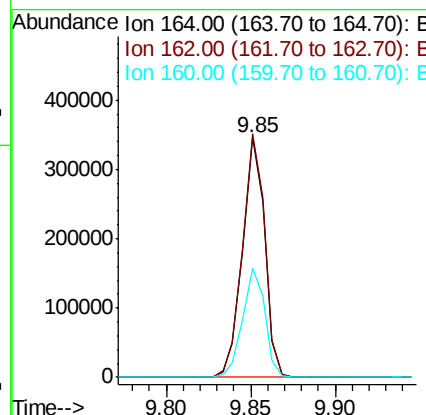
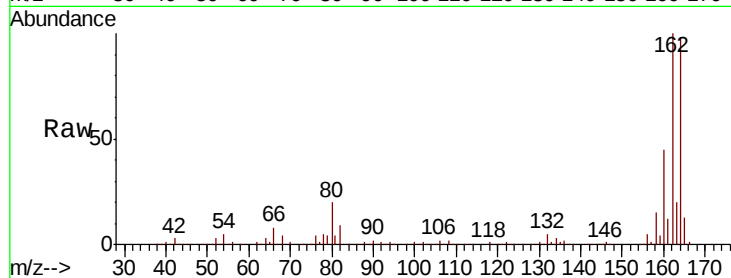
ClientSampleId :

PB130493BS

Tot Ion:	164	Resp:	317507
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.2	121.8
160	45.8	36.9	55.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.638 ng

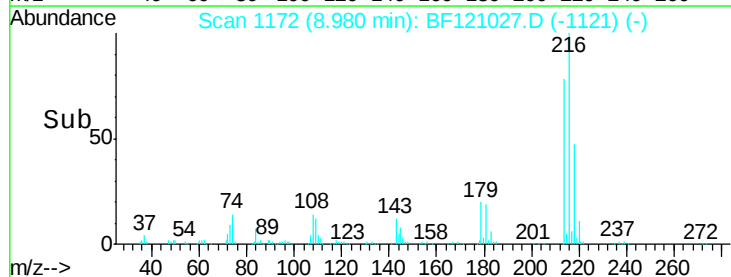
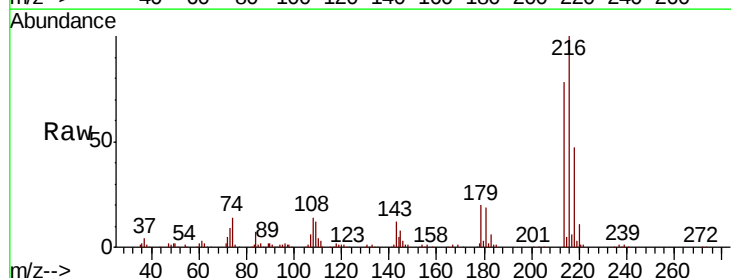
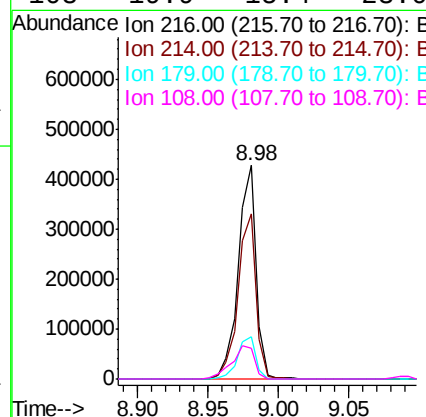
RT: 8.98 min Scan# 1172

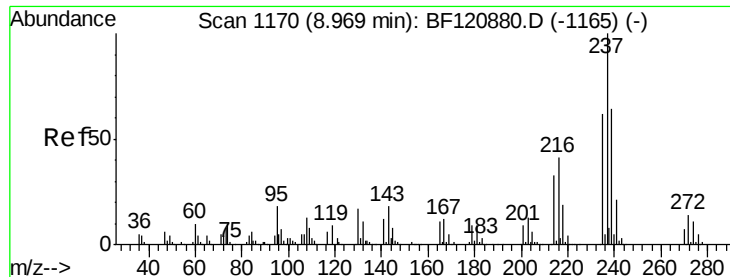
Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion:	216	Resp:	375935
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.8	95.8
179	20.4	16.6	24.8
108	19.9	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 76.739 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

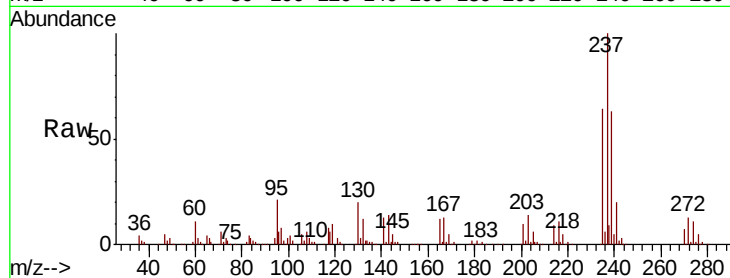
ClientSampleId :

PB130493BS

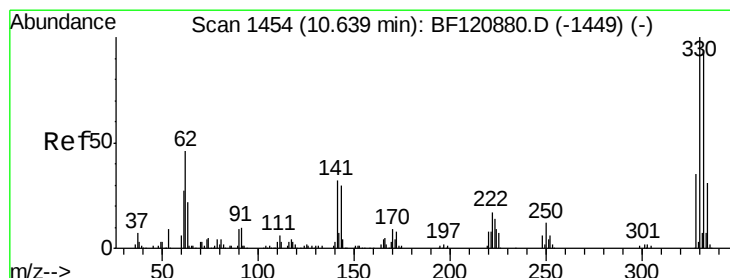
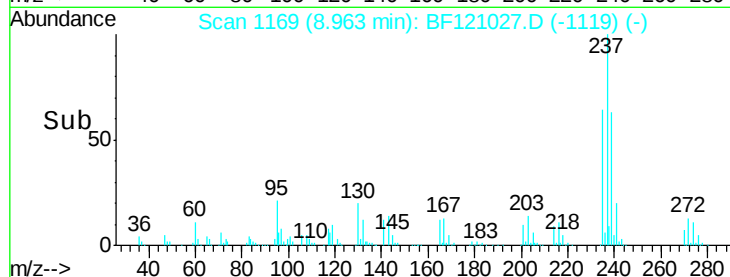
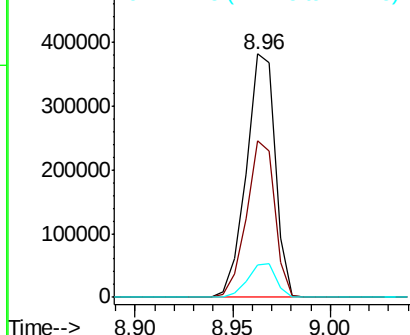
Tot Ion:	237	Resp:	392346
Ion Ratio	Lower	Upper	
237	100		
235	64.1	41.6	81.6
272	13.5	0.0	33.7

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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: 106.562 ng

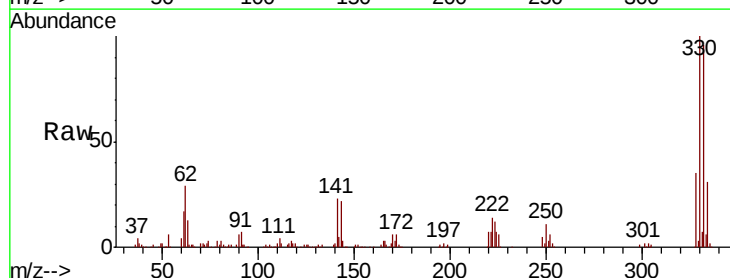
RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

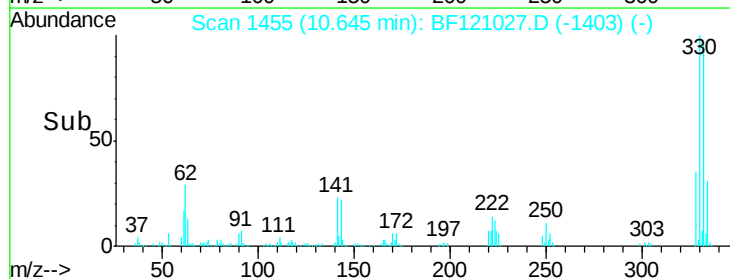
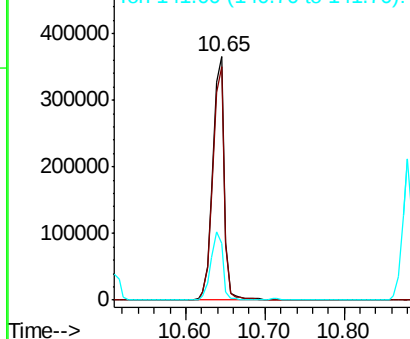
Lab File: BF121027.D

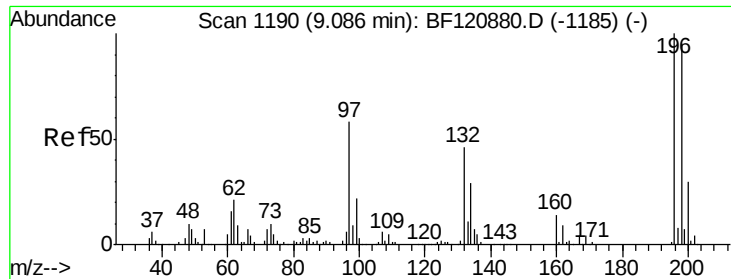
Acq: 27 Jul 2020 12:22

Tgt Ion:	330	Resp:	370347
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.5	113.3
141	29.4	25.7	38.5



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





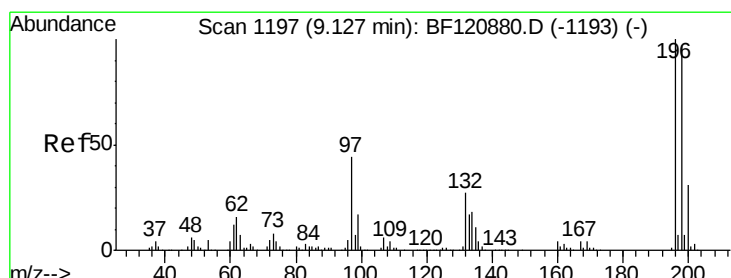
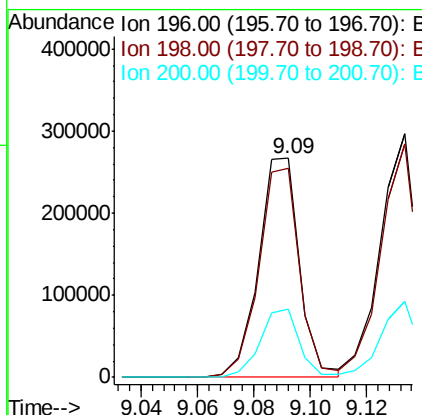
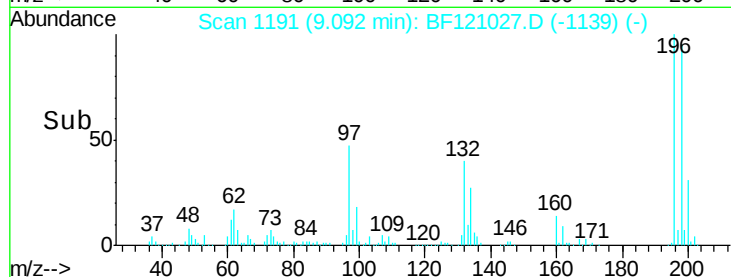
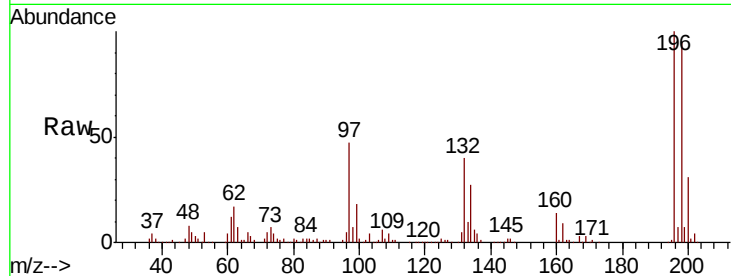
#43
 2,4,6-Trichlorophenol
 Concen: 41.087 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampled :
 PB130493BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	267618		
198	95.4	75.7	113.5	
200	31.0	24.4	36.6	

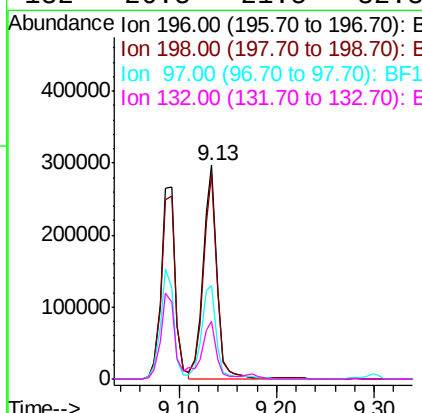
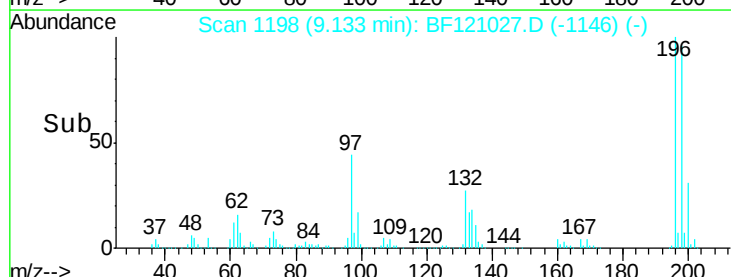
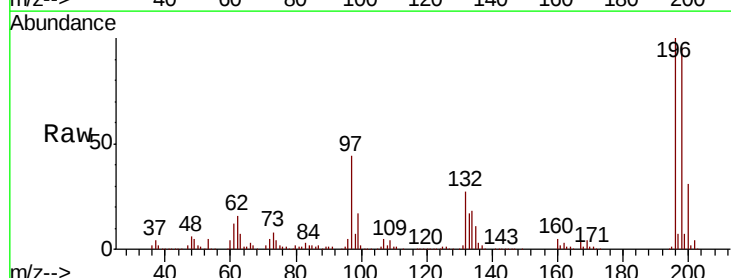
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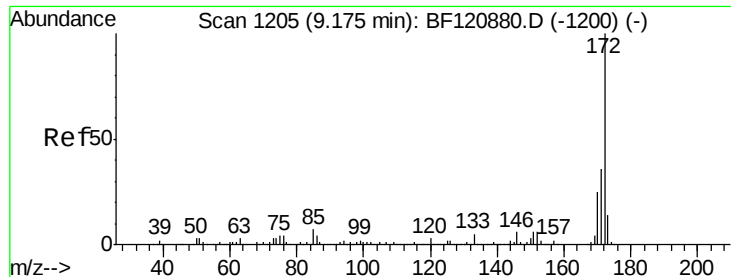
mohammad
 7/28/2020 11:43:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.421 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291256		
198	95.9	77.6	116.4	
97	43.8	35.6	53.4	
132	26.8	21.5	32.3	





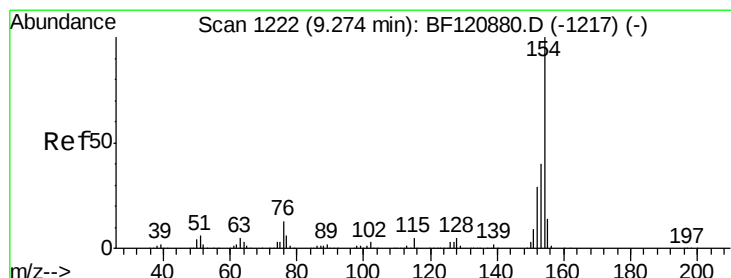
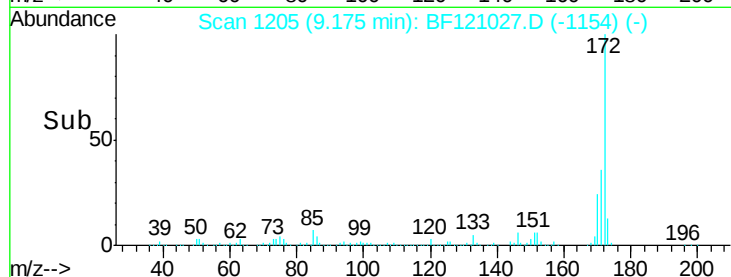
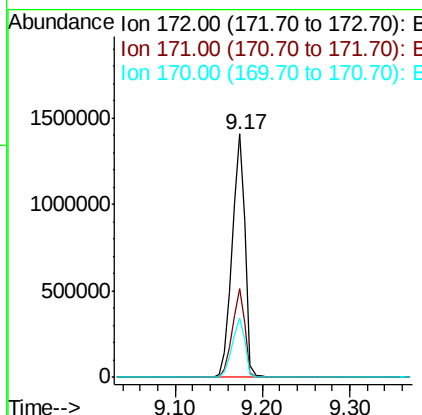
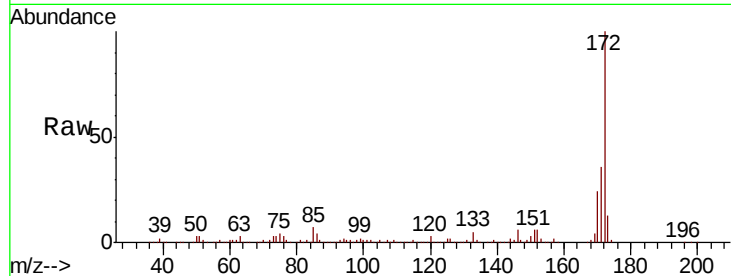
#45
2-Fluorobiphenyl
Concen: 67.828 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.4	19.6	29.4

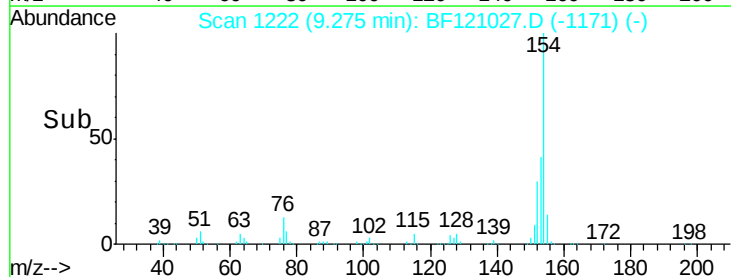
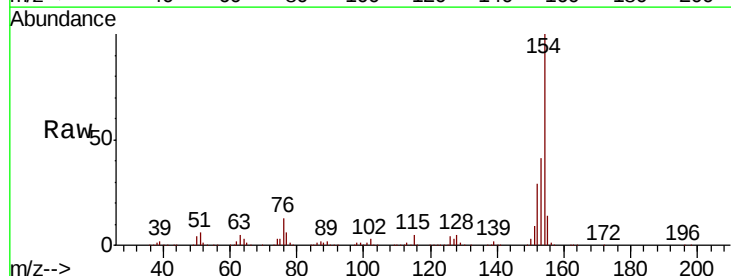
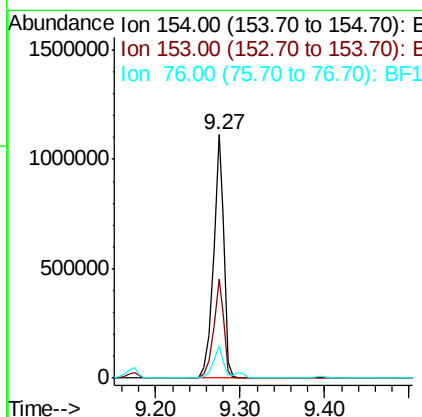
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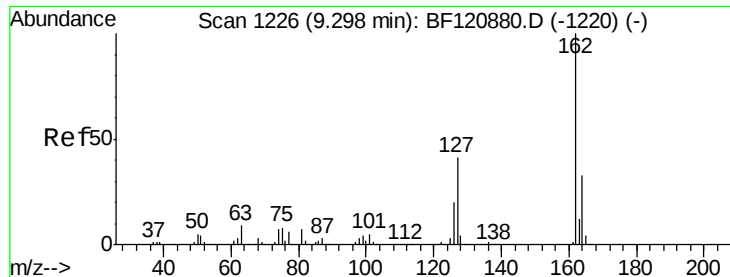
mohammad
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#46
1,1'-Biphenyl
Concen: 40.768 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	13.1	0.0	33.1





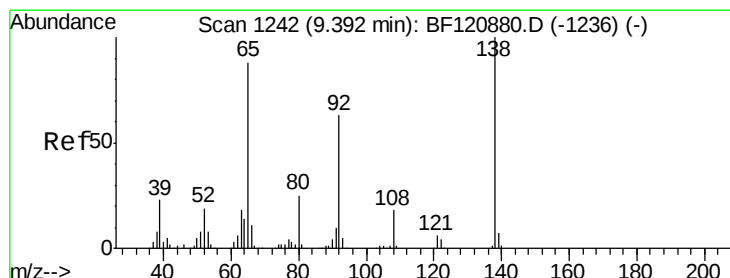
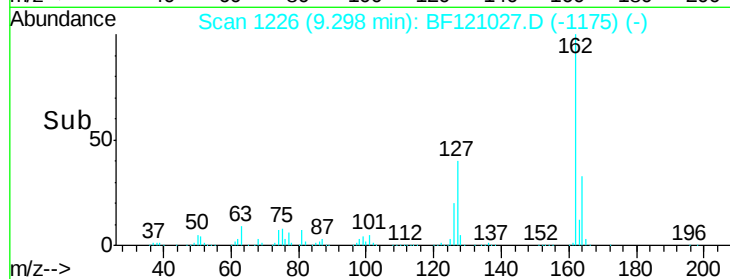
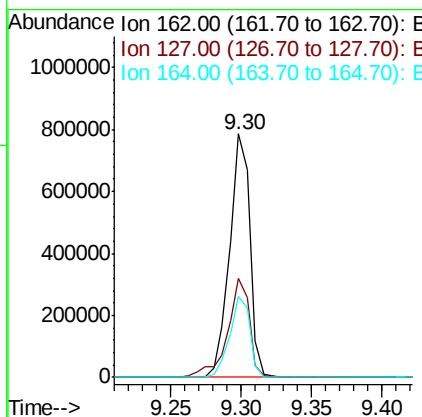
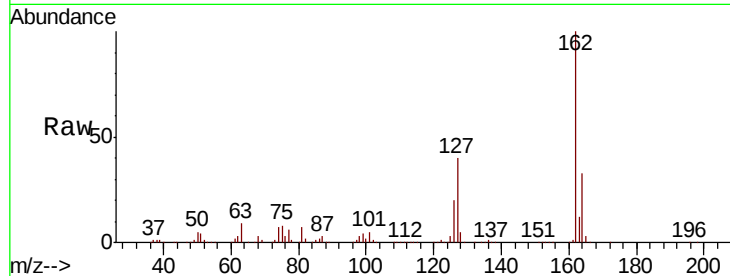
#47
 2-Chloronaphthalene
 Concen: 39.964 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.5	33.3	49.9		
164	33.3	26.6	39.8		

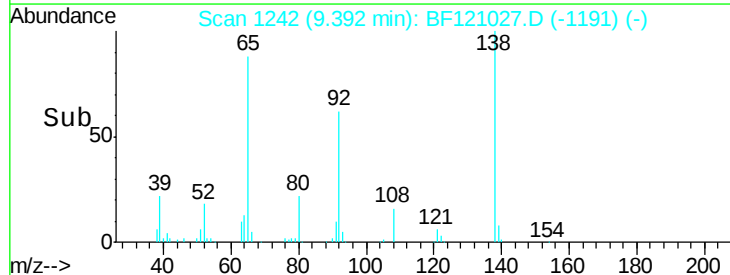
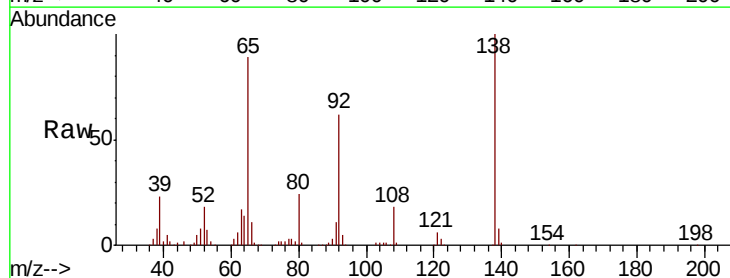
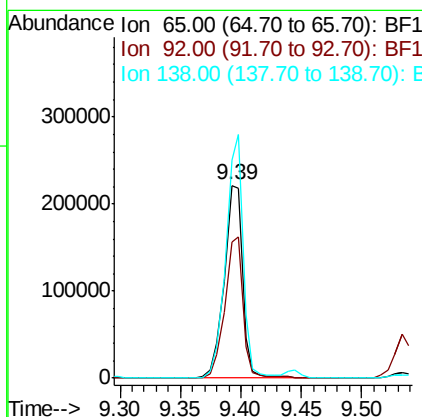
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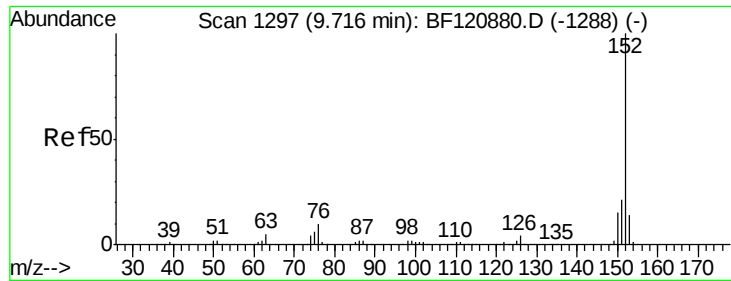
mohammad
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#48
 2-Nitroaniline
 Concen: 39.811 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.3	57.0	85.4		
138	112.9	90.4	135.6		





#49

Acenaphthylene

Concen: 39.512 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB130493BS

Tot Ion:152 Resp: 1212091

Ion Ratio Lower Upper

152 100

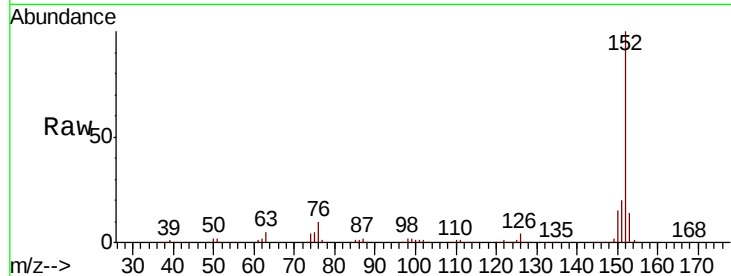
151 20.5 16.6 25.0

153 13.6 10.9 16.3

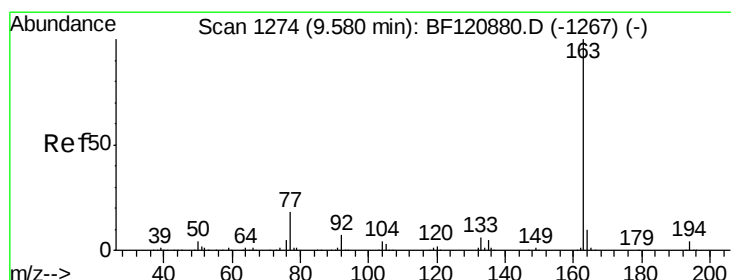
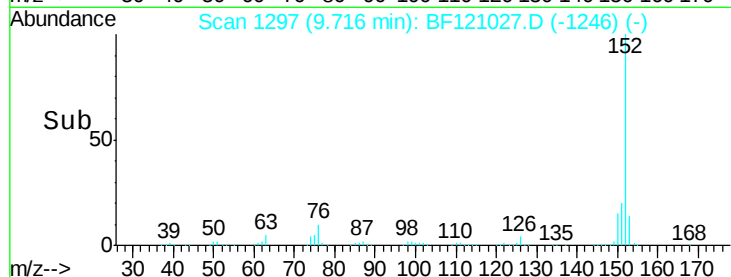
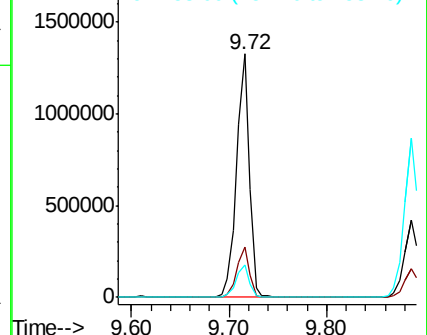
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.320 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

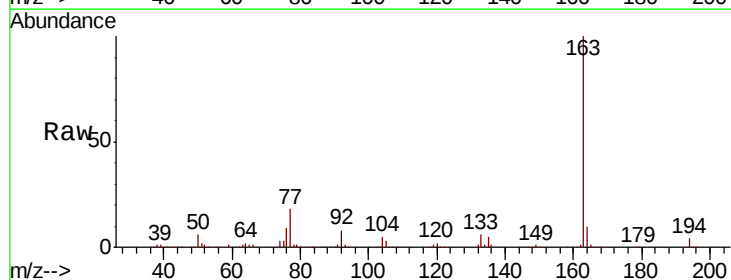
Tgt Ion:163 Resp: 900666

Ion Ratio Lower Upper

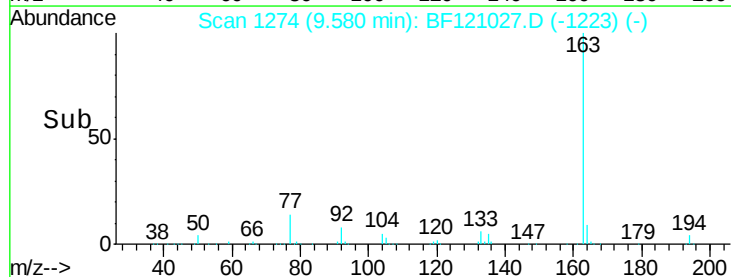
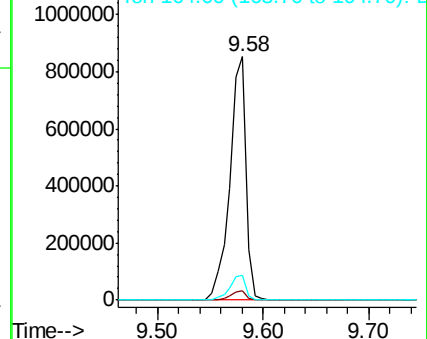
163 100

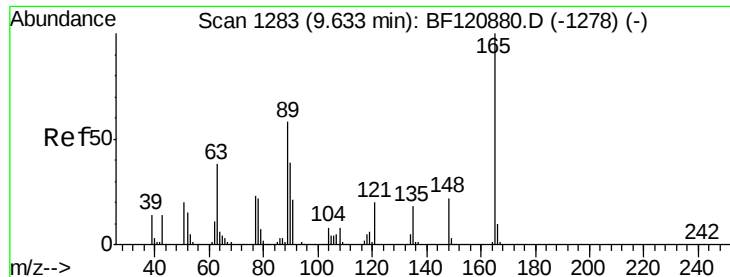
194 3.9 3.2 4.8

164 10.2 7.9 11.9



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





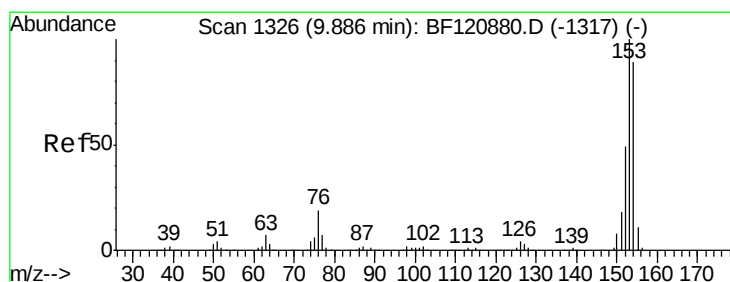
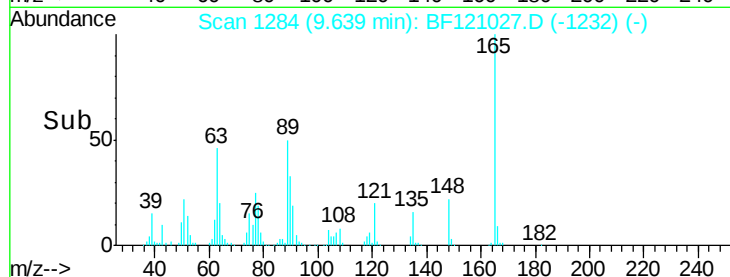
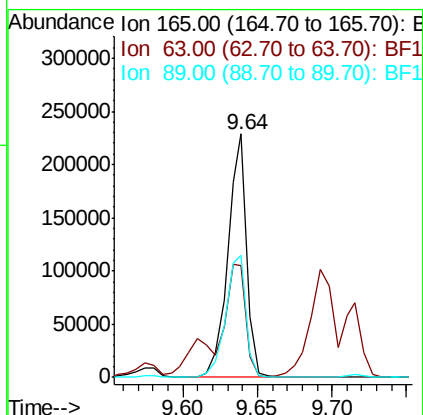
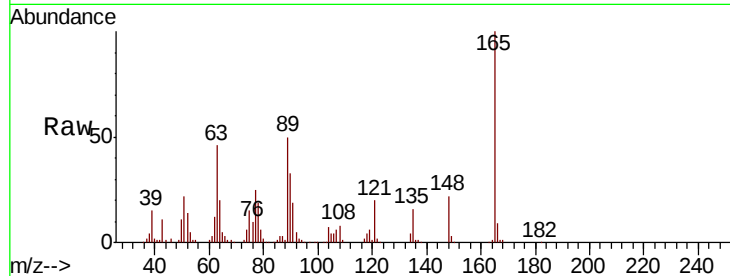
#51
2,6-Dinitrotoluene
Concen: 41.520 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204328		
63	45.9		45.4	68.2
89	50.2		47.0	70.4

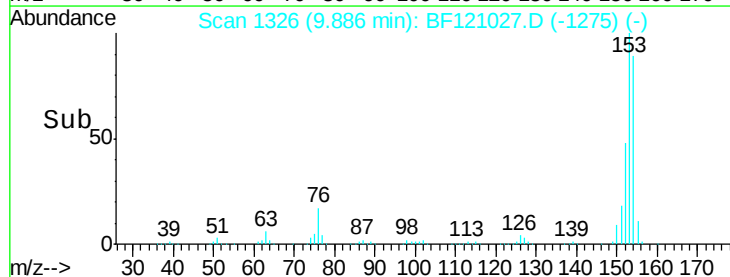
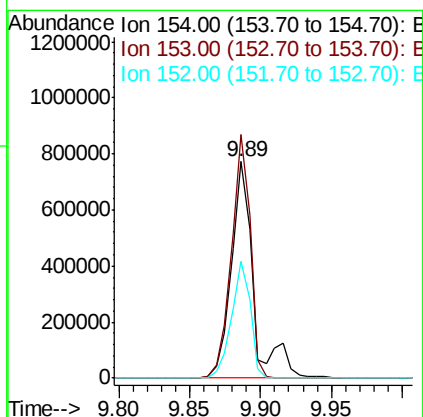
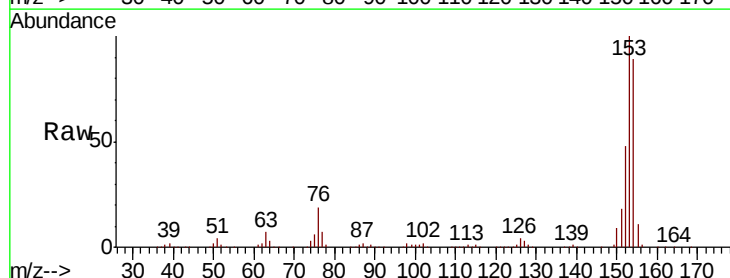
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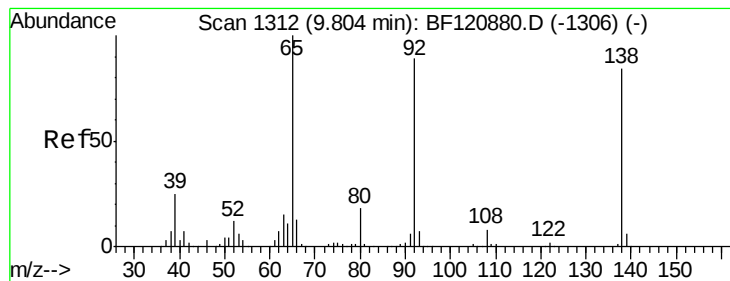
mohammad
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#52
Acenaphthene
Concen: 43.441 ng m
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	847224		
153	112.4		89.5	134.3
152	54.1		44.2	66.2





#53

3-Nitroaniline

Concen: 27.103 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

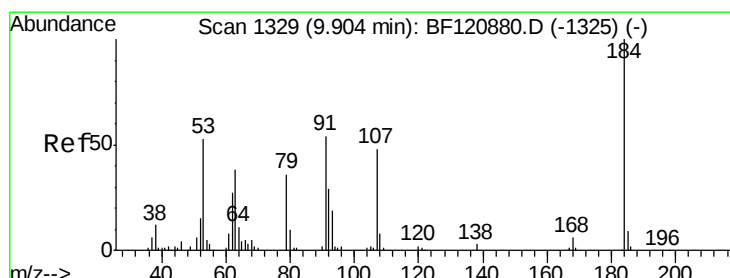
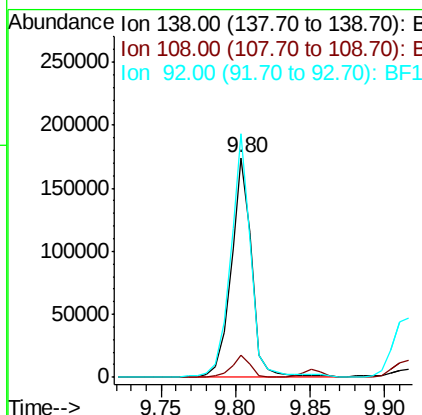
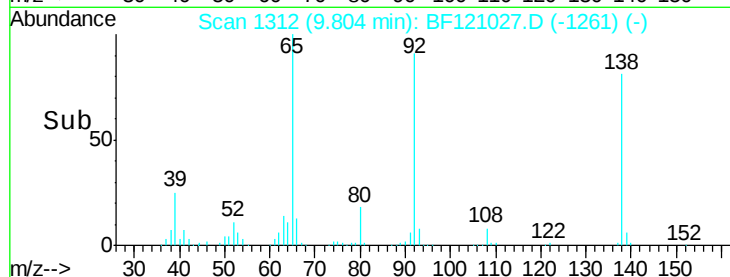
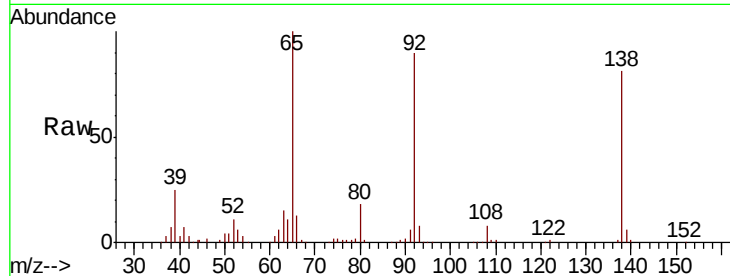
ClientSampleId :

PB130493BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	111.0	85.3	127.9

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#54

2,4-Dinitrophenol

Concen: 73.556 ng

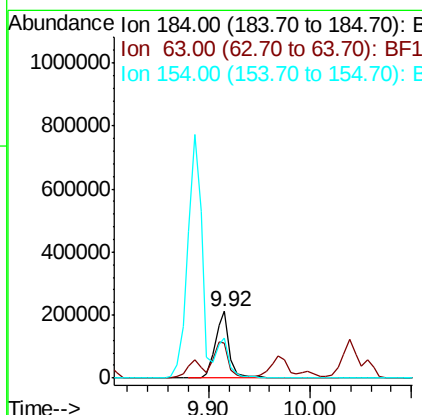
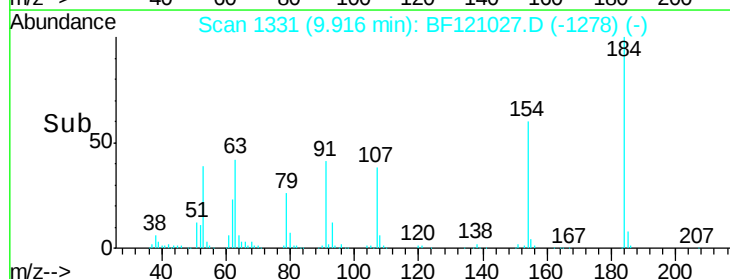
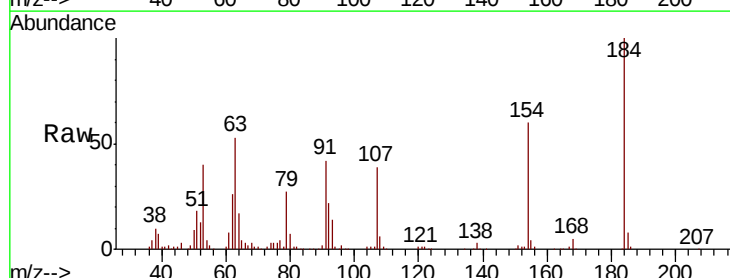
RT: 9.92 min Scan# 1331

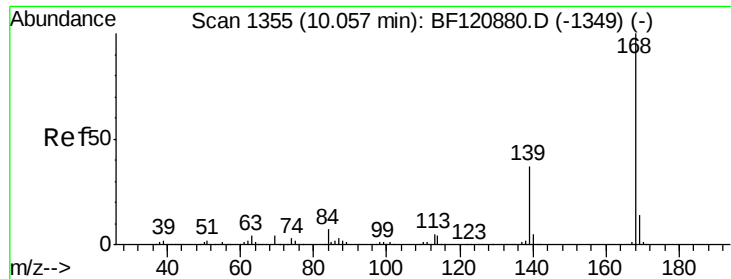
Delta R.T. 0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	57.9	86.9#
154	60.1	52.6	78.8





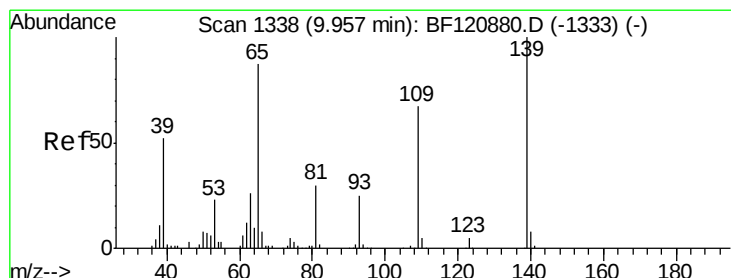
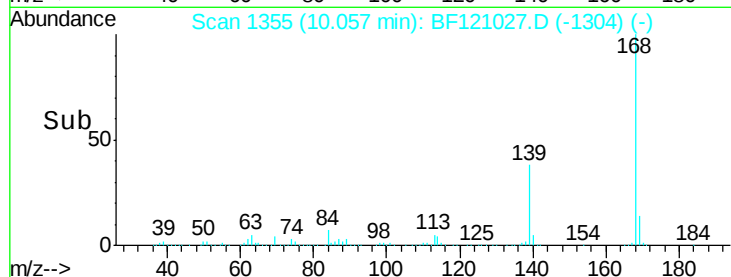
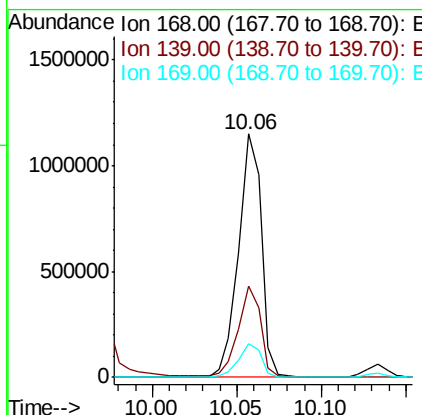
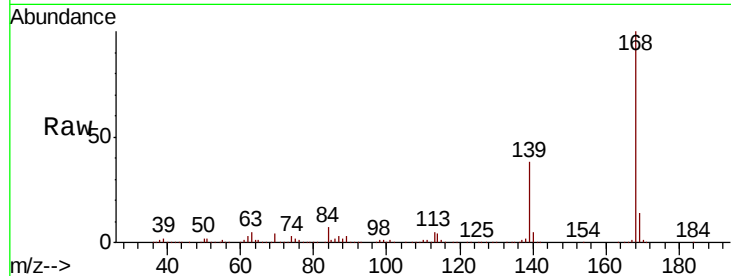
#55
Dibenzenofuran
Concen: 38.689 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.7	44.5
169	14.1	11.1	16.7

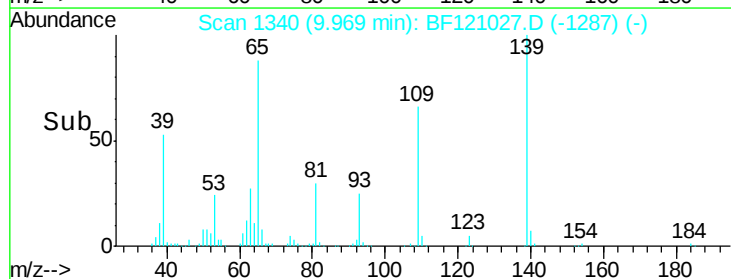
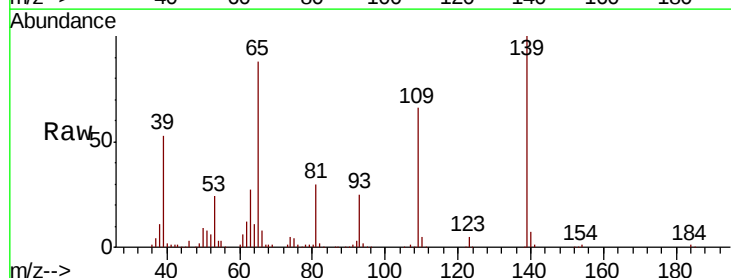
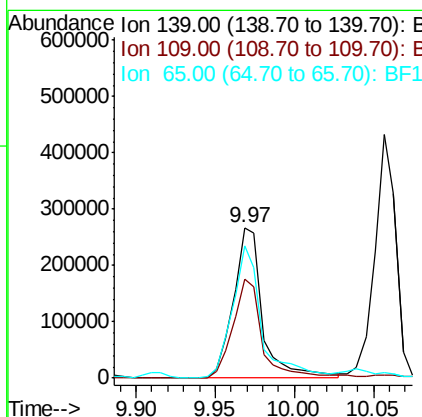
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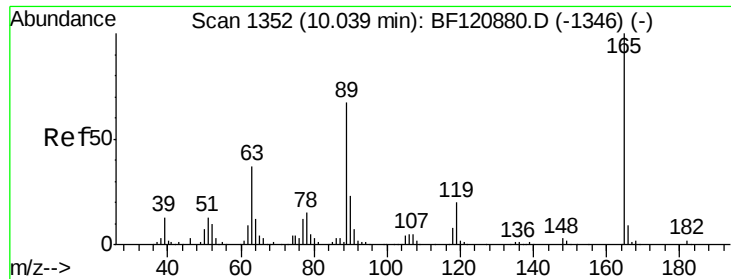
mohammad
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#56
4-Nitrophenol
Concen: 72.525 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.0	47.3	87.3
65	87.7	67.2	107.2





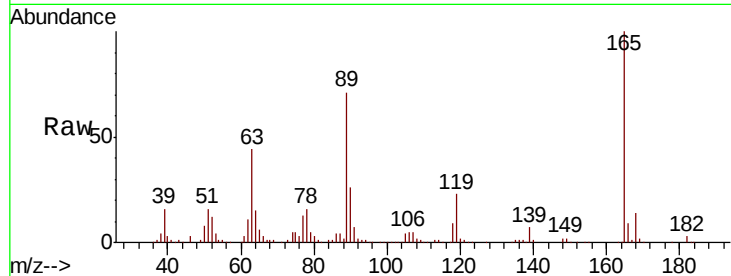
#57
2,4-Dinitrotoluene
Concen: 41.364 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

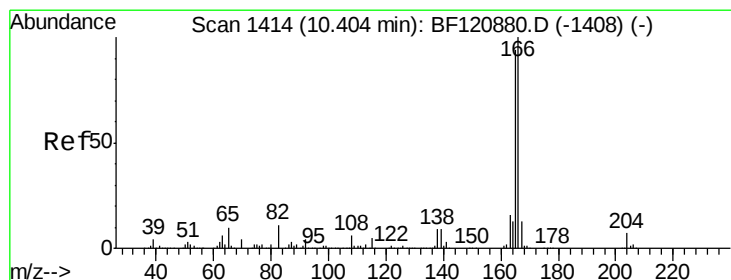
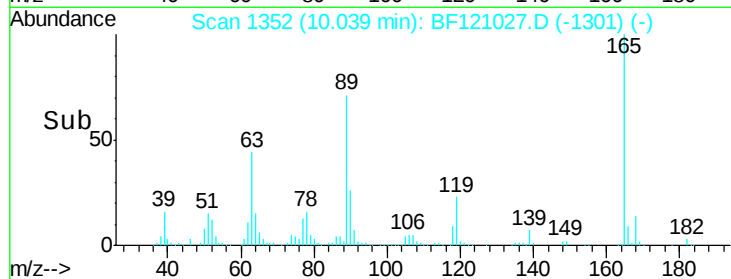
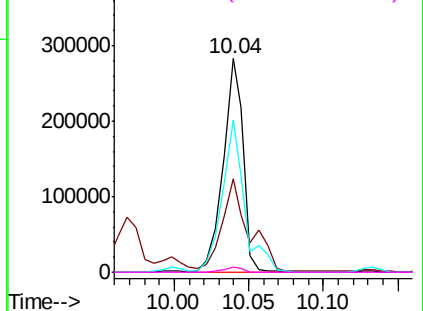
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		267314		
63	43.9	29.4	44.2		
89	71.4	53.4	80.0		
182	2.6	1.8	2.6		

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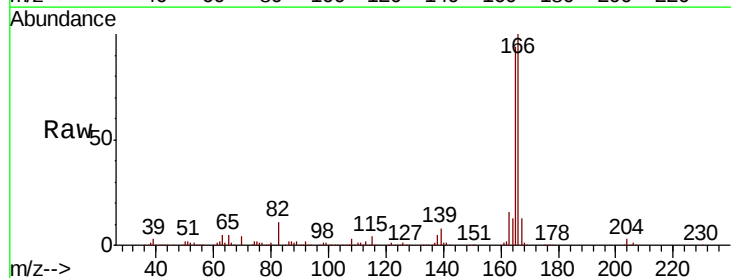


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

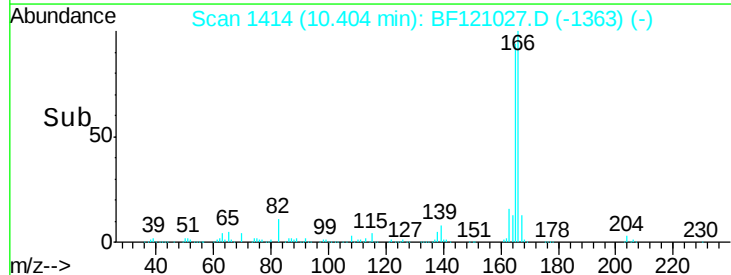
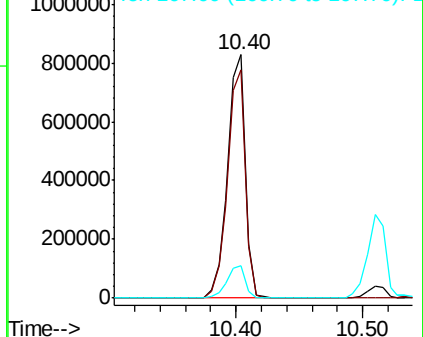


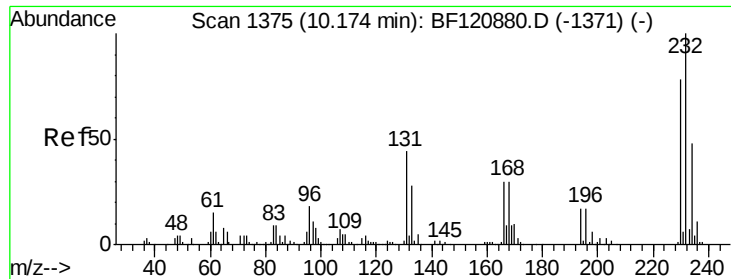
#58
Fluorene
Concen: 38.003 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		799377		
165	93.7	75.4	113.0		
167	13.3	10.6	15.8		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





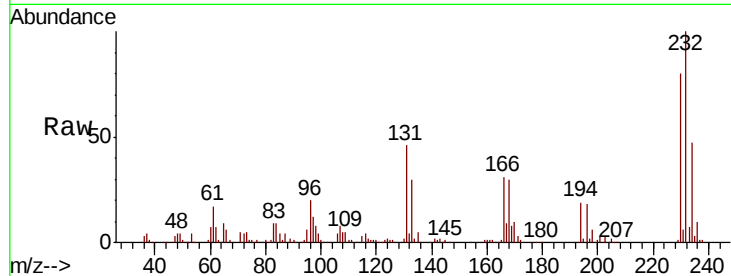
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.624 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleID :
 PB130493BS

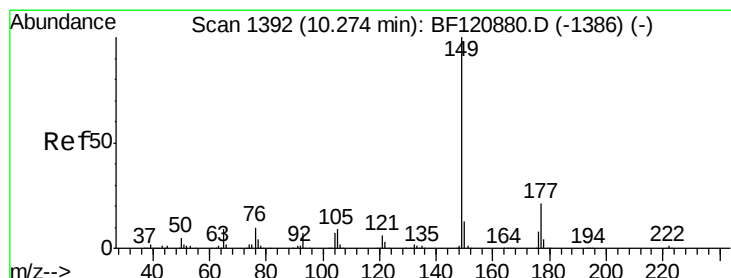
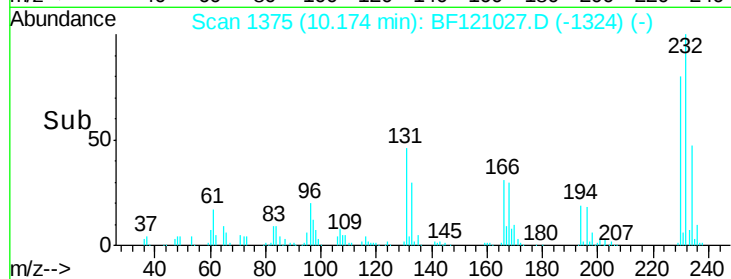
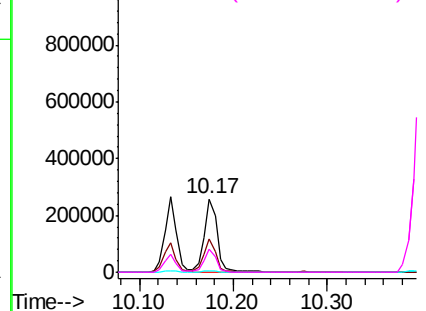
Tot Ion:	232	Resp:	245399
Ion Ratio	Lower	Upper	
232	100		
131	44.7	37.1	55.7
130	2.1	1.7	2.5
166	29.1	24.2	36.4

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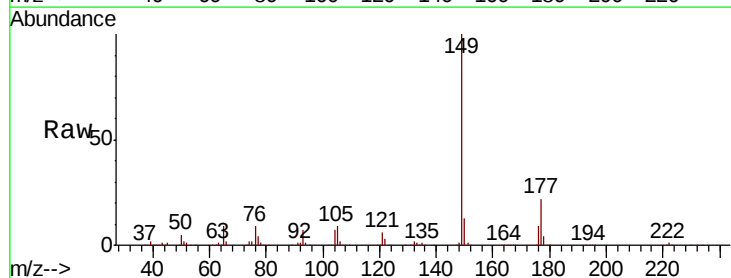


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

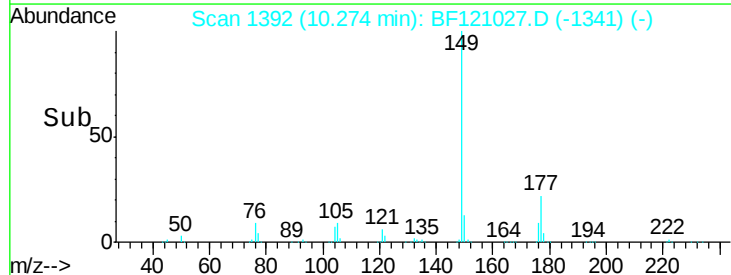
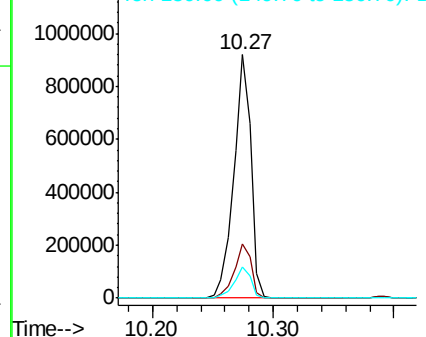


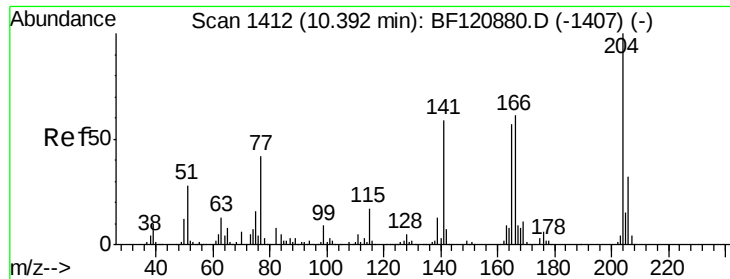
#60
 Diethylphthalate
 Concen: 38.903 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion:	149	Resp:	901353
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.1	25.7
150	12.5	10.3	15.5



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





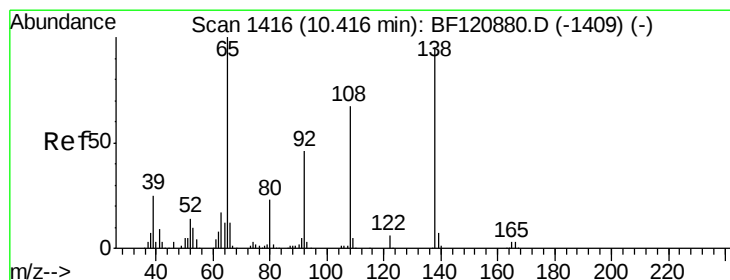
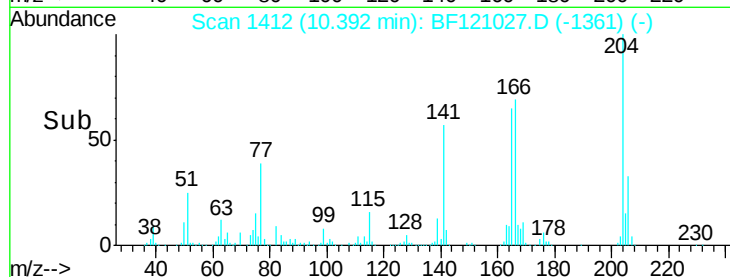
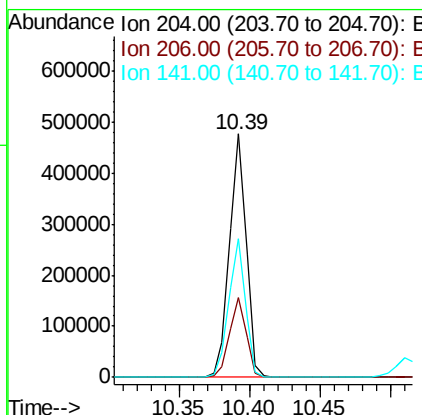
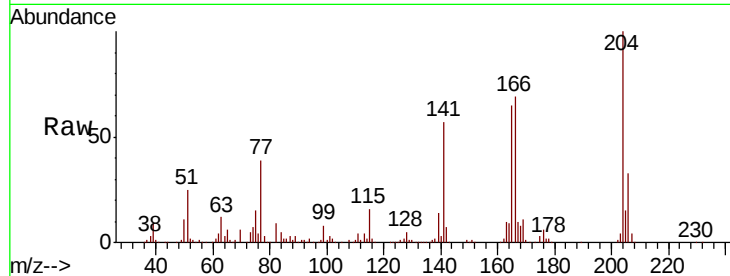
#61
4-Chlorophenyl-phenylether
Concen: 35.143 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	56.9	47.2	70.8

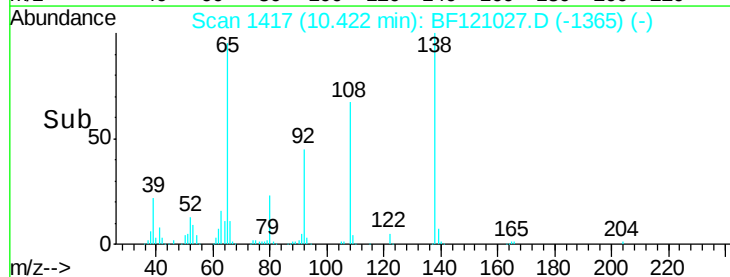
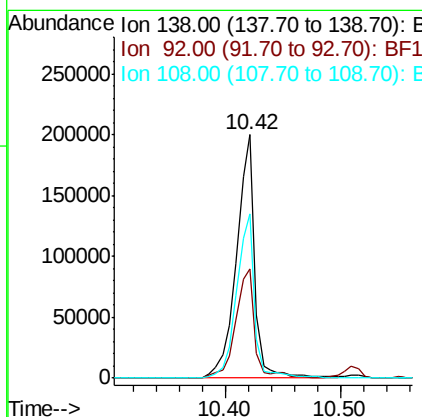
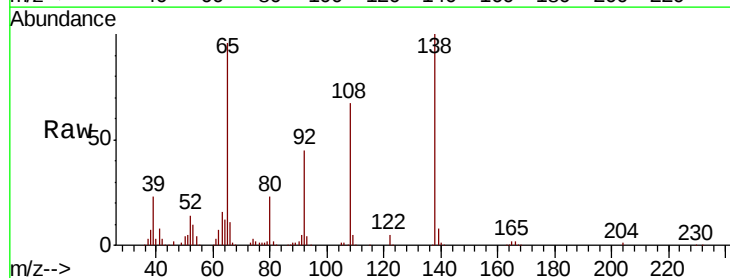
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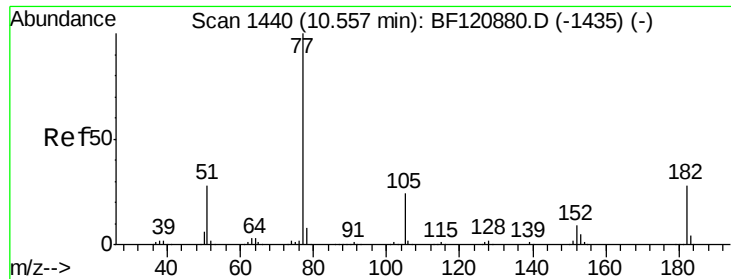
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#62
4-Nitroaniline
Concen: 36.780 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	28.6	68.6
108	67.3	51.1	91.1





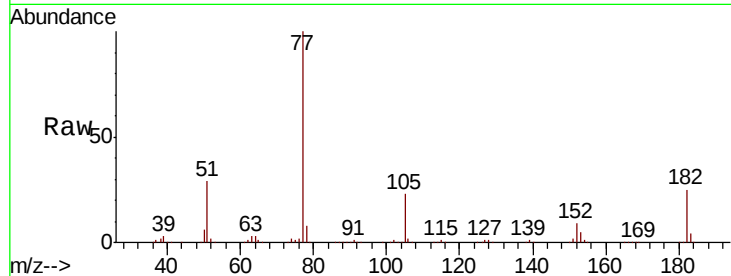
#63
Azobenzene
Concen: 38.567 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

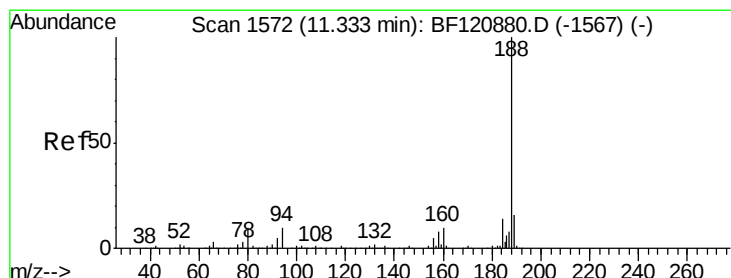
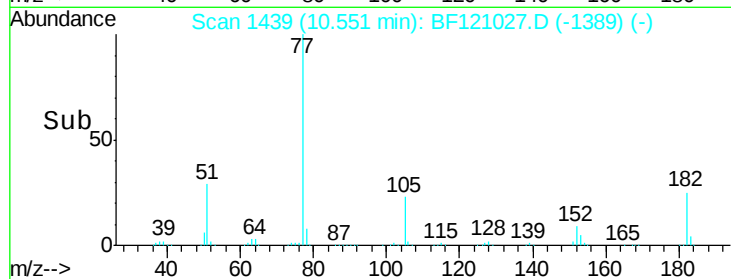
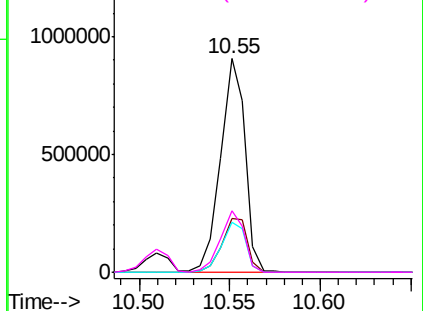
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.9	7.8	47.8
105	23.4	4.4	44.4
51	28.9	8.0	48.0

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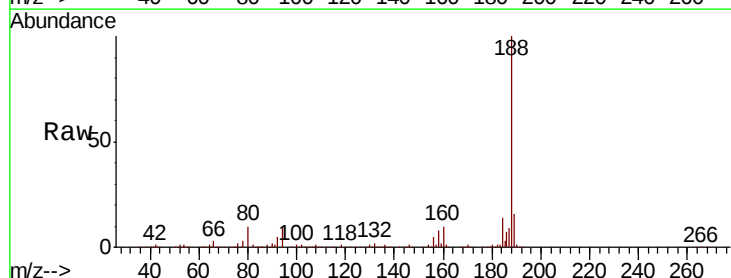


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

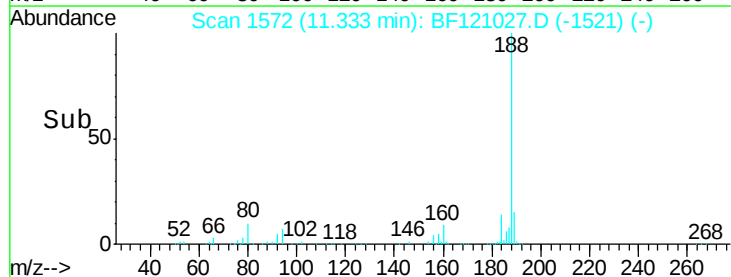
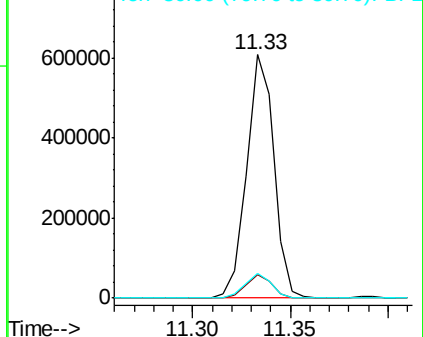


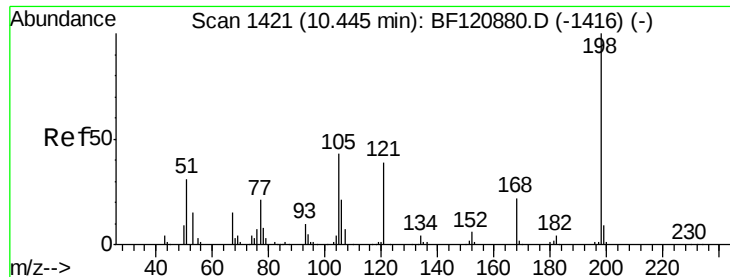
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	9.9	8.3	12.5



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





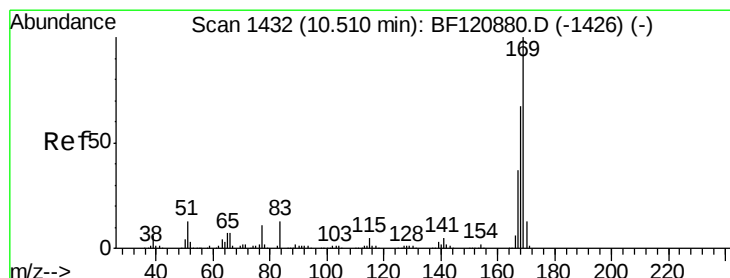
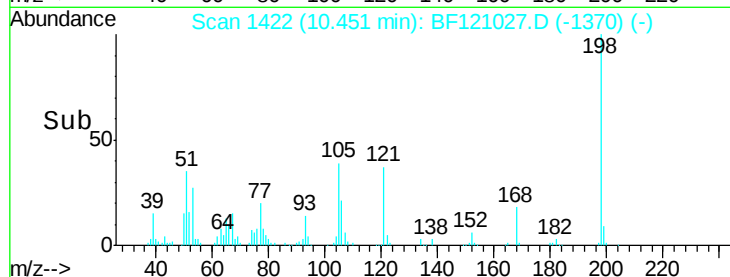
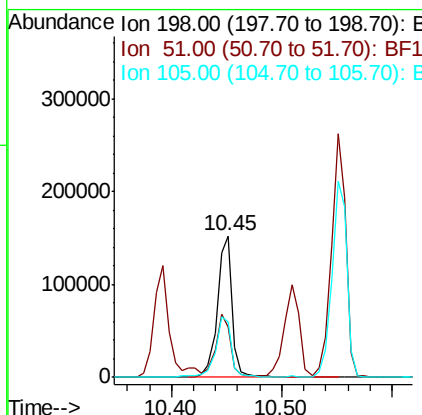
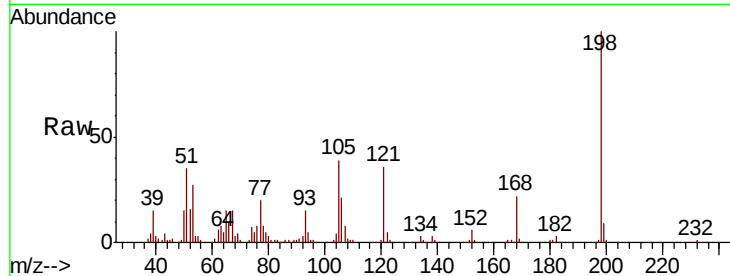
#65
4,6-Dinitro-2-methylphenol
Concen: 41.856 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141007		
51	35.3	19.5	59.5	
105	39.1	24.4	64.4	

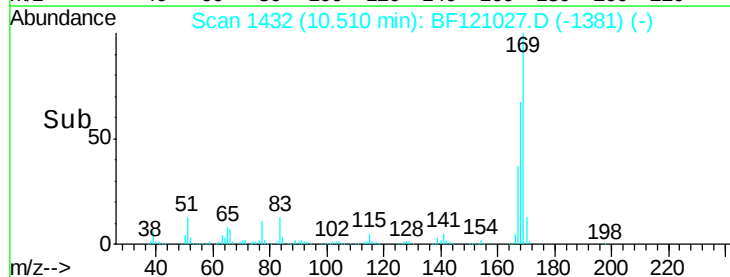
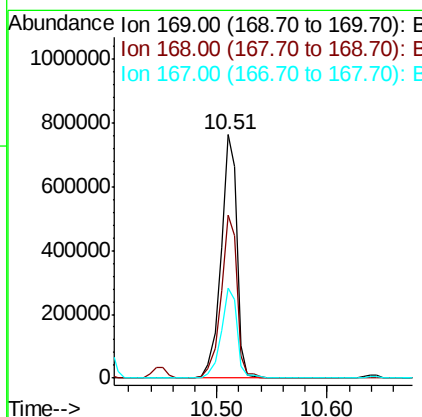
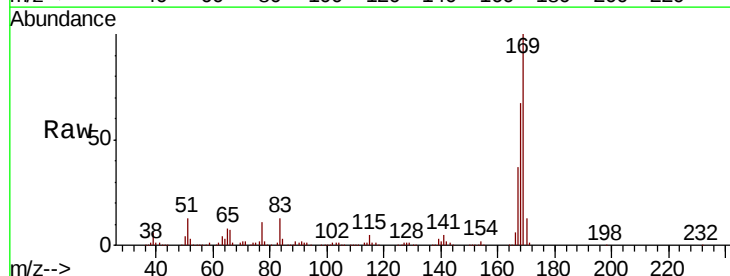
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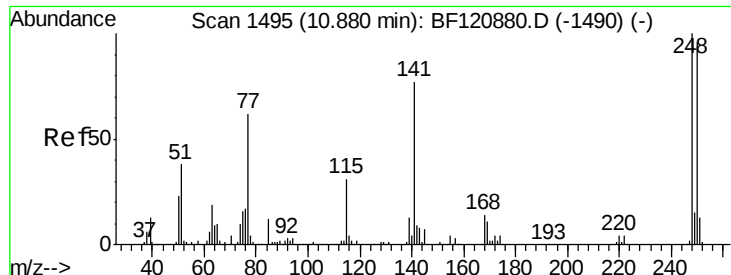
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#66
n-Nitrosodiphenylamine
Concen: 40.944 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	759422		
168	66.9	53.4	80.0	
167	37.2	29.4	44.0	





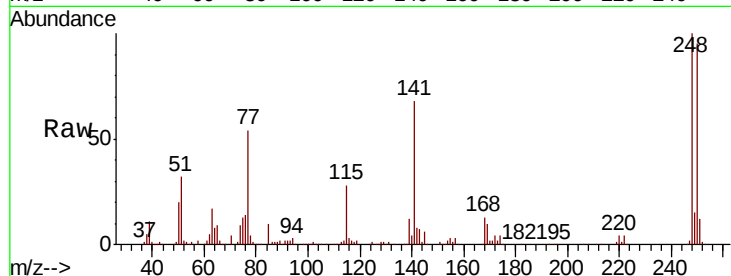
#67
 4-Bromophenyl-phenylether
 Concen: 40.042 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

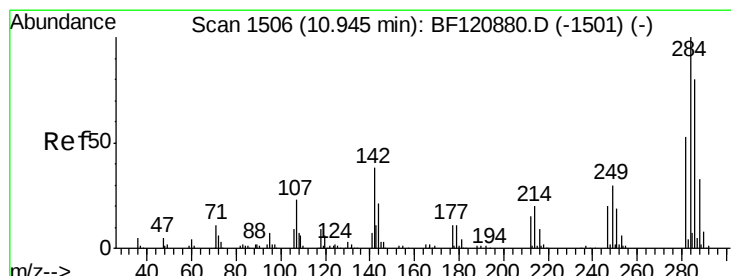
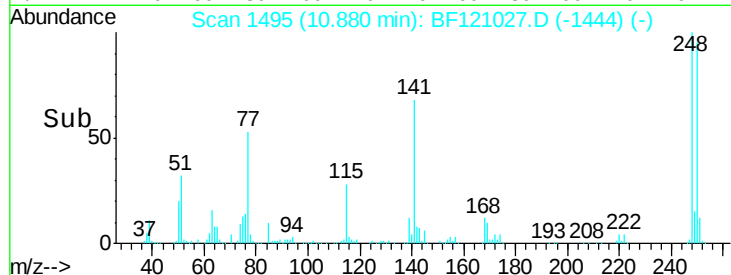
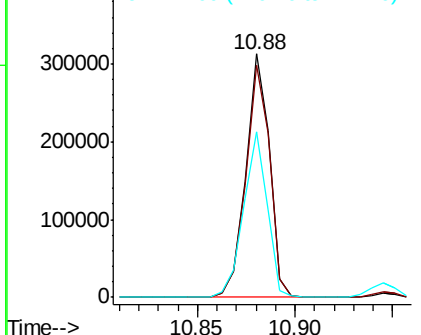
Tot Ion:	248	Resp:	263222
Ion Ratio	Lower	Upper	
248	100		
250	95.3	77.1	115.7
141	67.9	61.2	91.8

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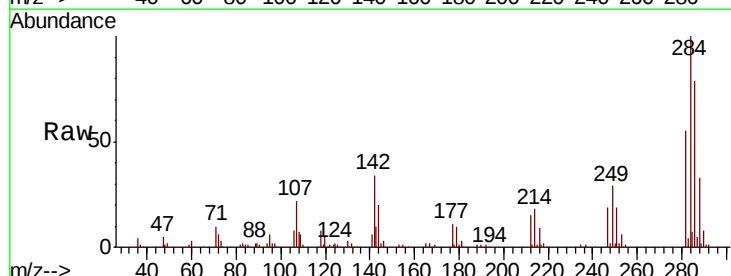


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

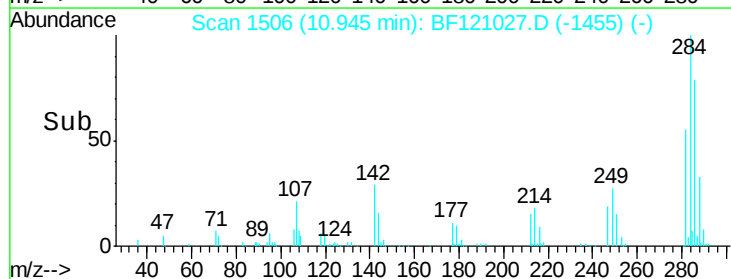
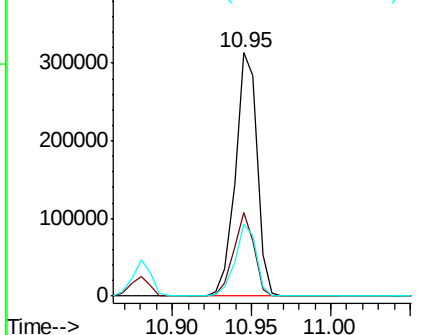


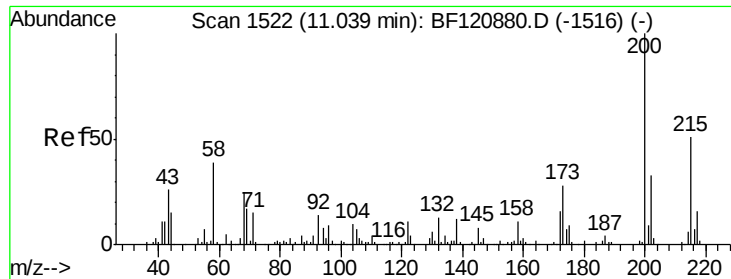
#68
 Hexachlorobenzene
 Concen: 41.840 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion:	284	Resp:	297525
Ion Ratio	Lower	Upper	
284	100		
142	34.4	30.2	45.2
249	29.5	24.2	36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





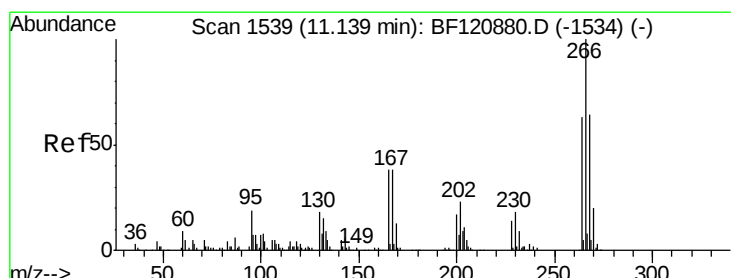
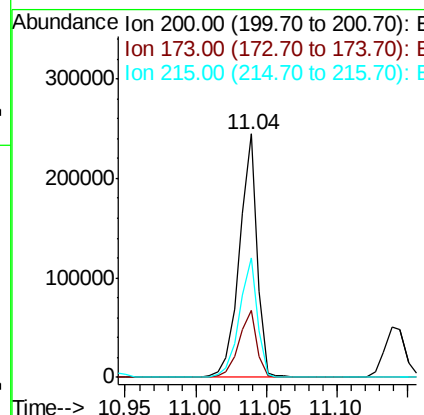
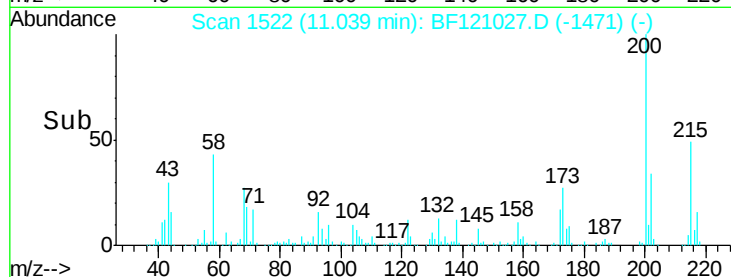
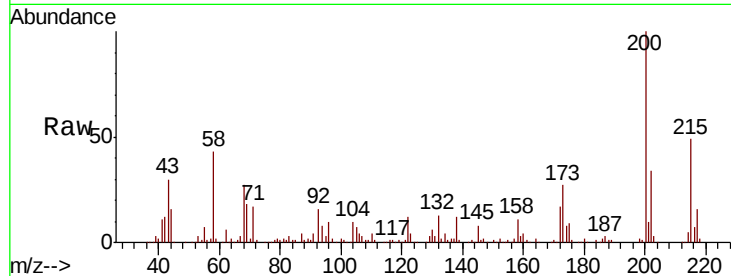
#69
Atrazine
Concen: 46.234 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.0	48.0
215	49.0	31.5	71.5

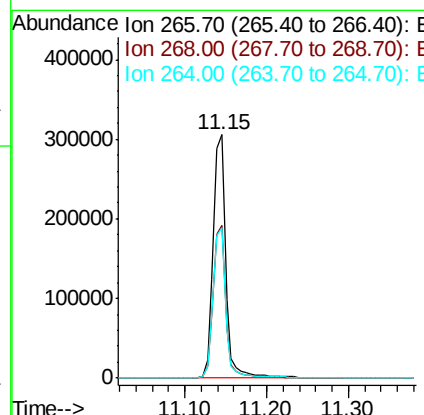
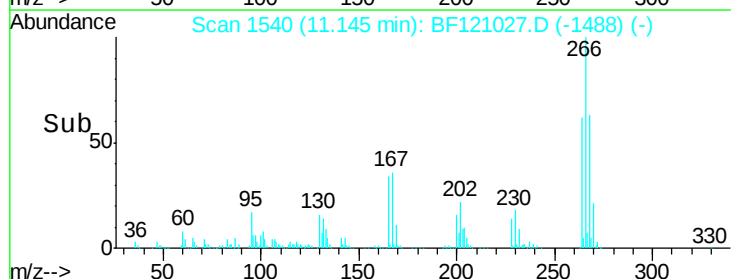
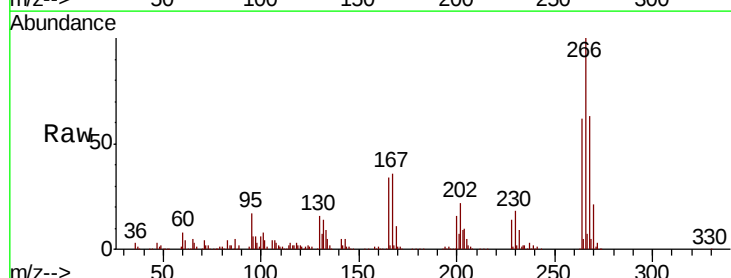
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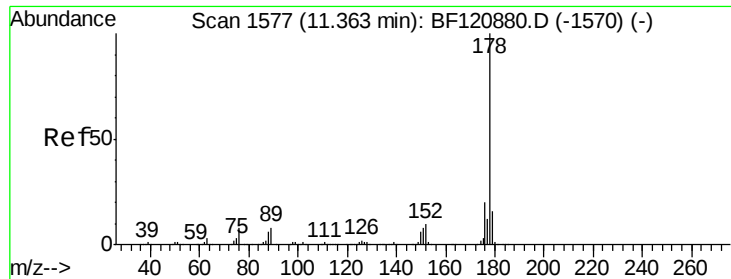
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#70
Pentachlorophenol
Concen: 81.094 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.9	50.2	75.2





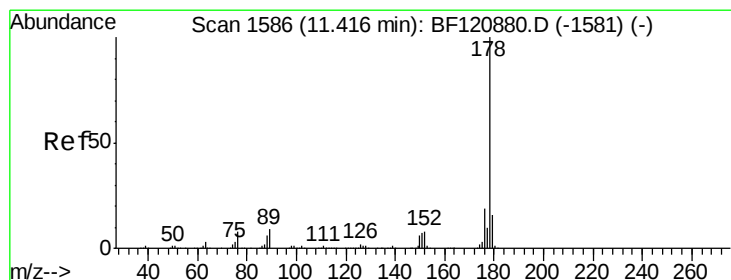
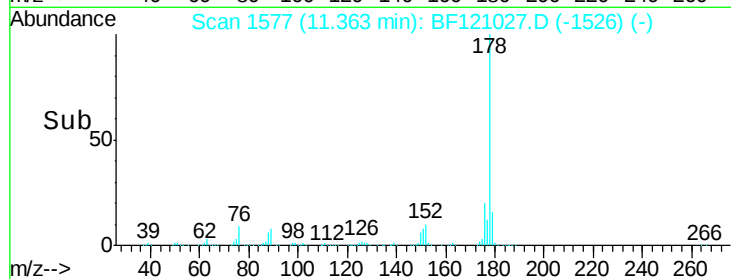
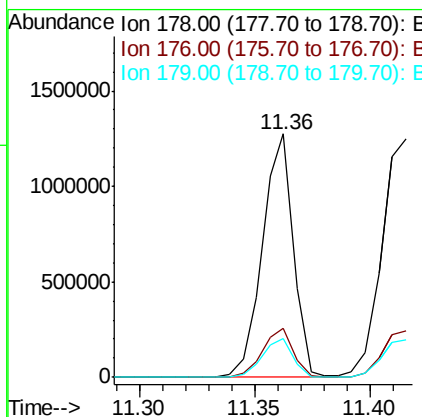
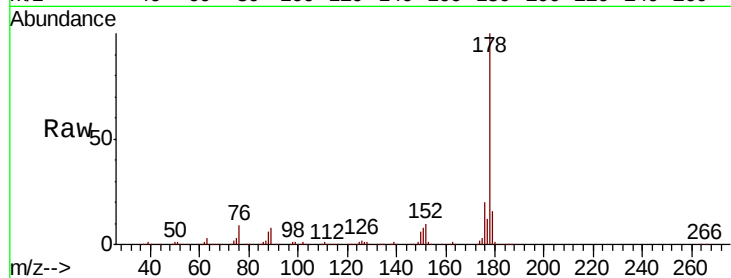
#71
Phenanthrene
Concen: 39.204 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.8	12.8	19.2

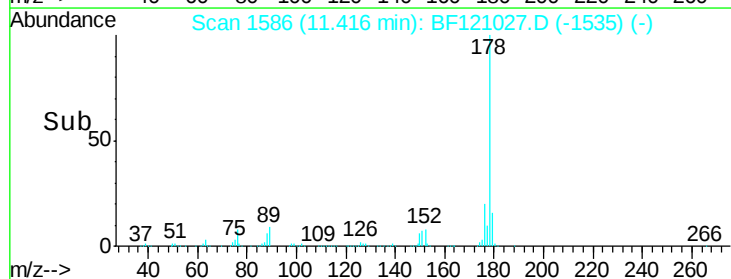
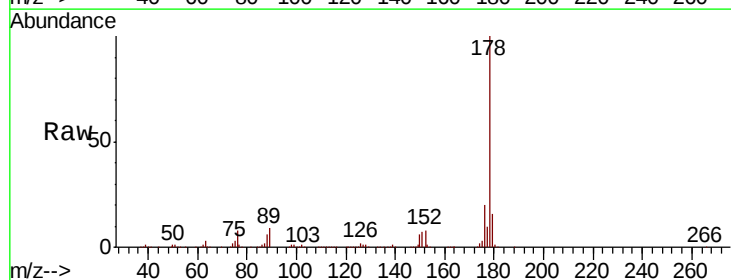
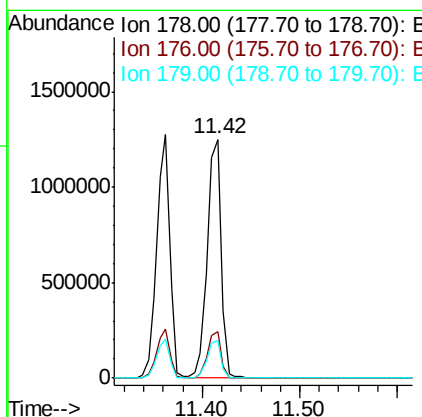
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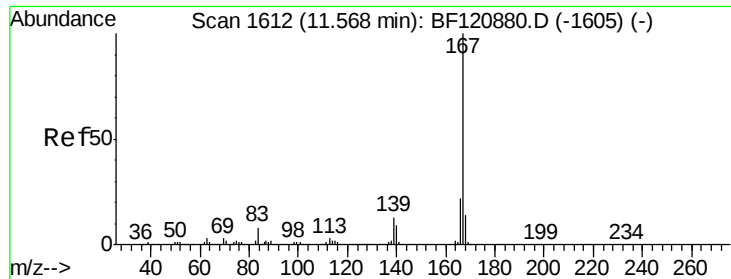
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#72
Anthracene
Concen: 40.729 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.8	12.8	19.2





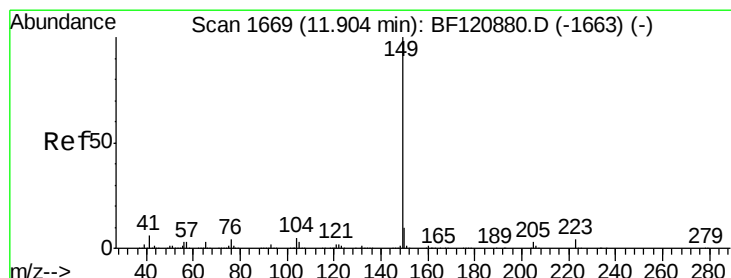
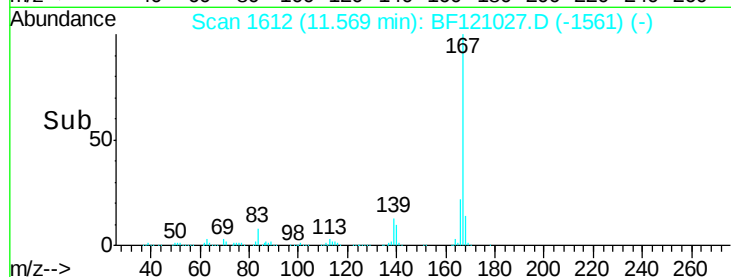
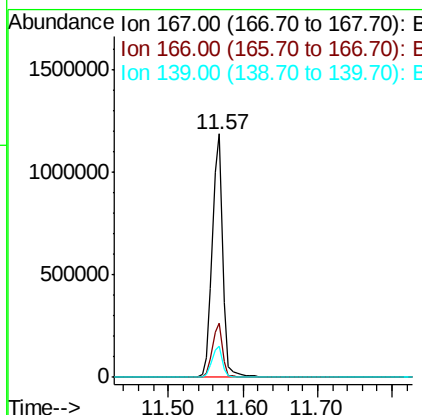
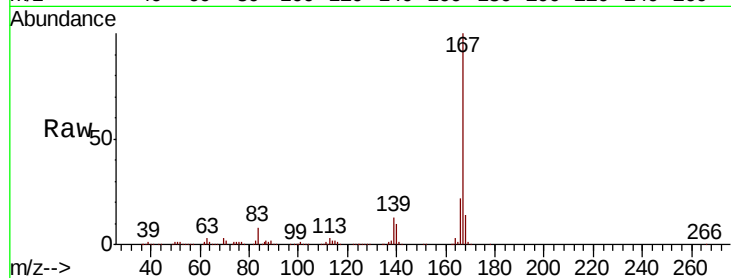
#73
 Carbazole
 Concen: 38.293 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Tot Ion:167 Resp: 1157143
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.7 10.1 15.1

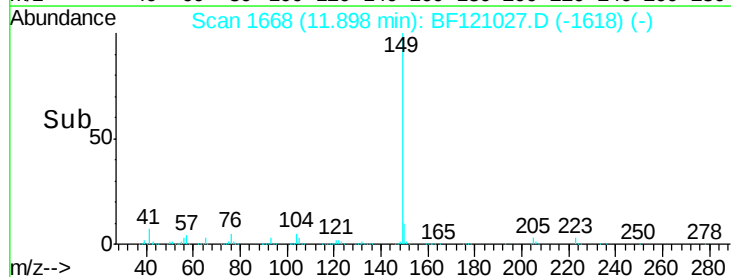
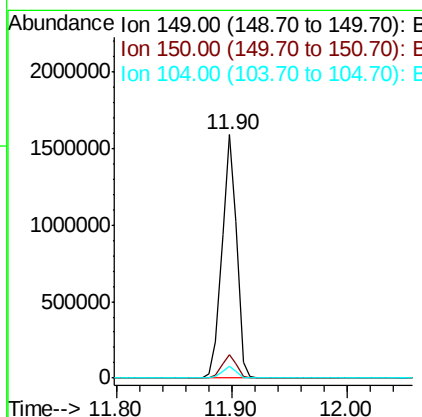
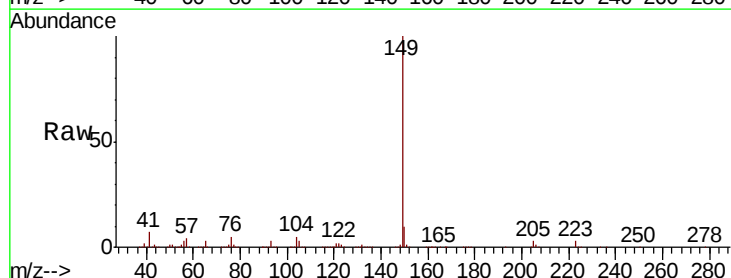
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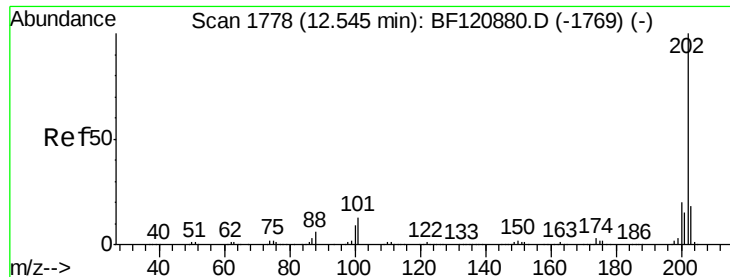
mohammad
 7/28/2020 11:43:12 AM



#74
 Di-n-butylphthalate
 Concen: 39.924 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion:149 Resp: 1392226
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 4.9 3.8 5.6





#75

Fluoranthene

Concen: 39.175 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

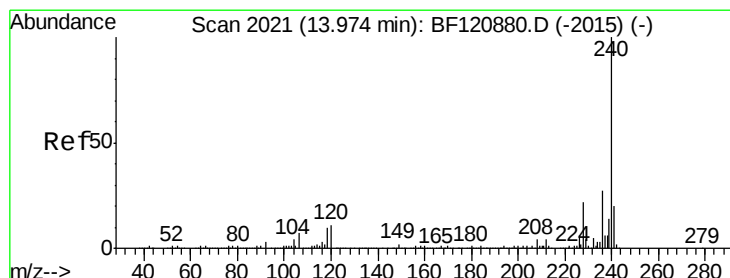
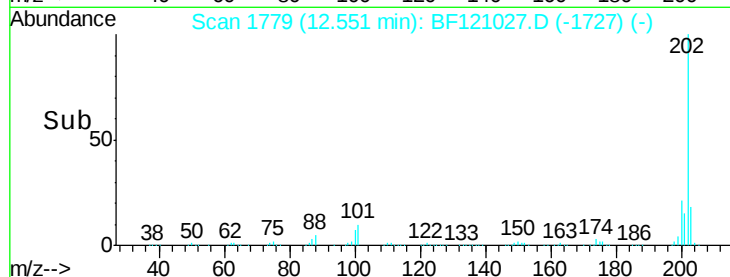
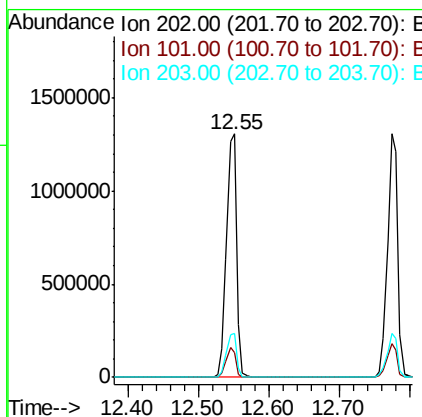
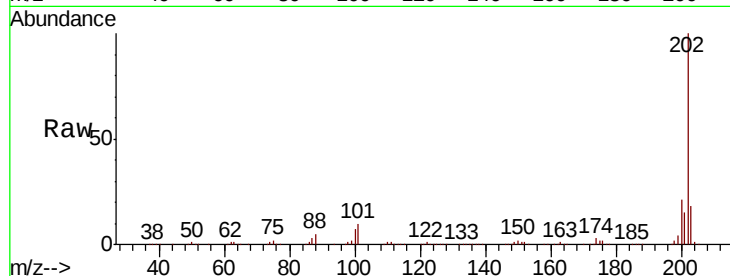
ClientSampleId :

PB130493BS

Tot Ion:	202	Resp:	1316720
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.7
203	18.0	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

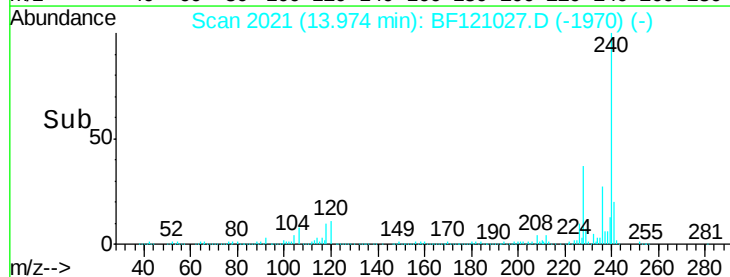
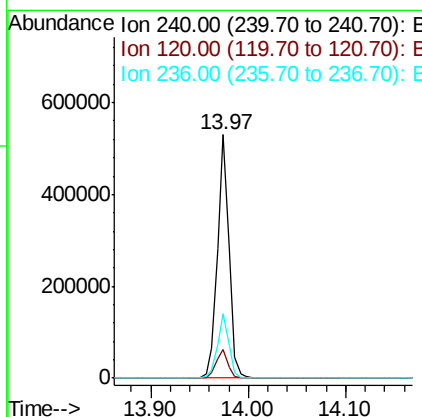
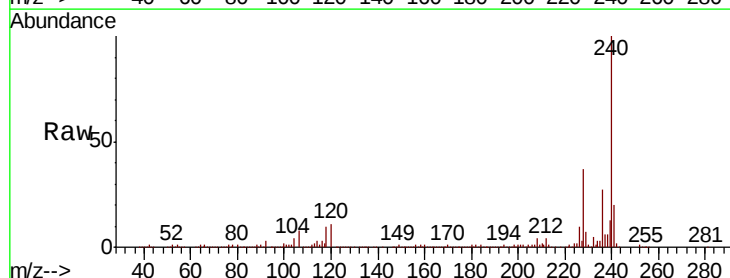
RT: 13.97 min Scan# 2021

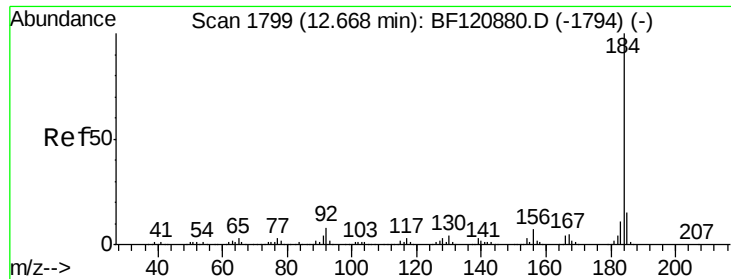
Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Tgt Ion:	240	Resp:	435581
Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.4
236	26.6	21.7	32.5





#77

Benzidine

Concen: 25.188 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

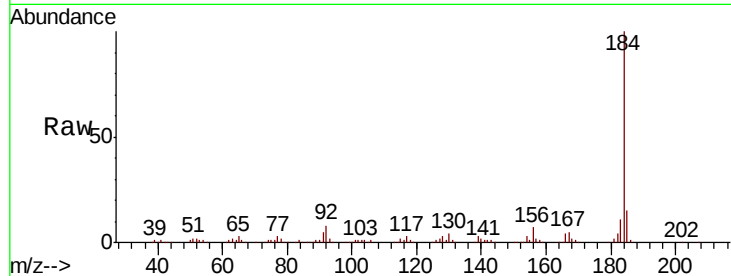
ClientSampleId :

PB130493BS

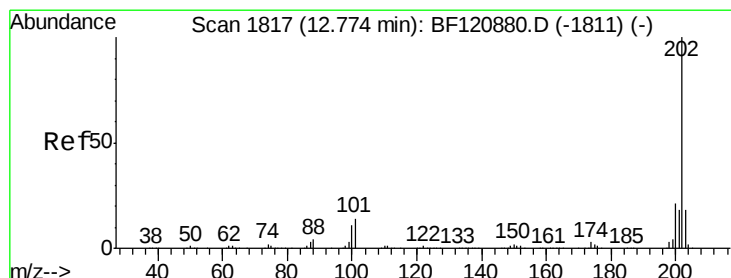
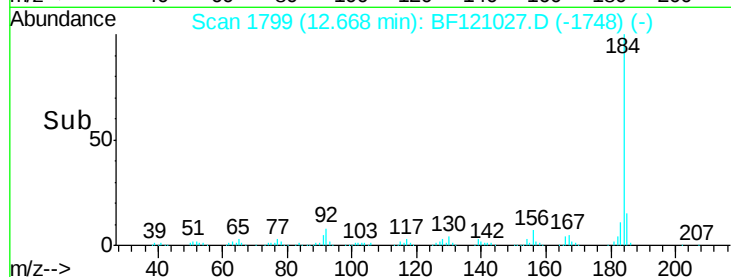
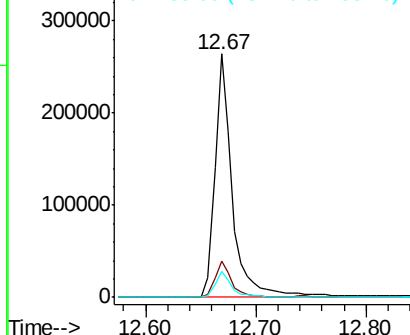
Tot Ion:	184	Resp:	288461
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.2	18.2
183	10.8	8.5	12.7

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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: 43.157 ng

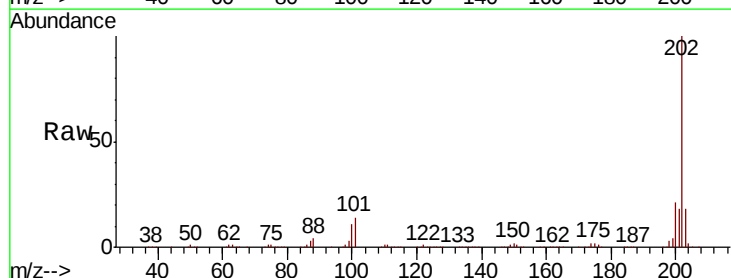
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

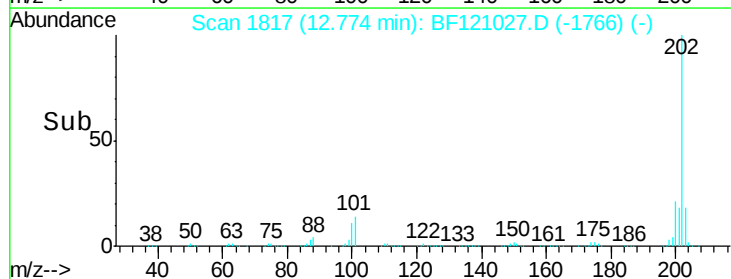
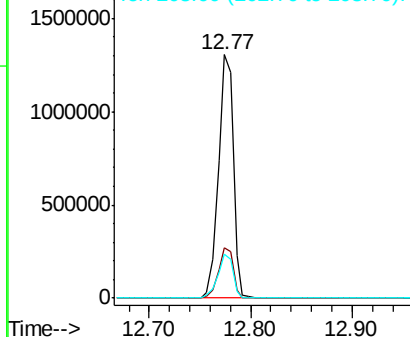
Lab File: BF121027.D

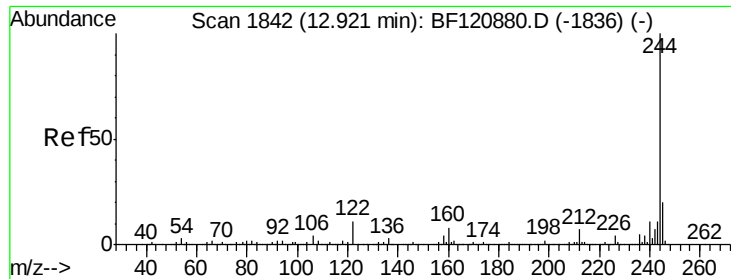
Acq: 27 Jul 2020 12:22

Tgt Ion:	202	Resp:	1329042
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.4
203	17.9	14.4	21.6



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: 78.470 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

Instrument :

BNA_F

ClientSampleId :

PB130493BS

Tot Ion:244 Resp: 1572368

Ion Ratio Lower Upper

244 100

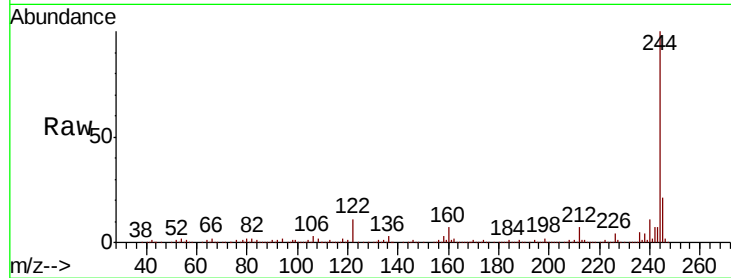
212 7.0 5.6 8.4

122 10.9 8.9 13.3

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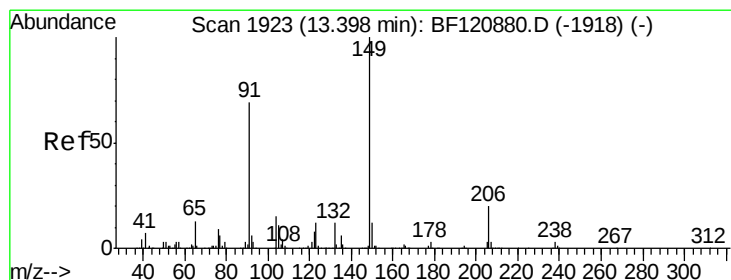
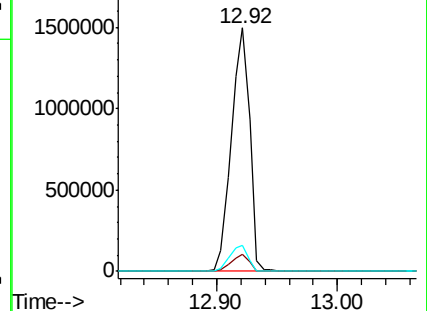
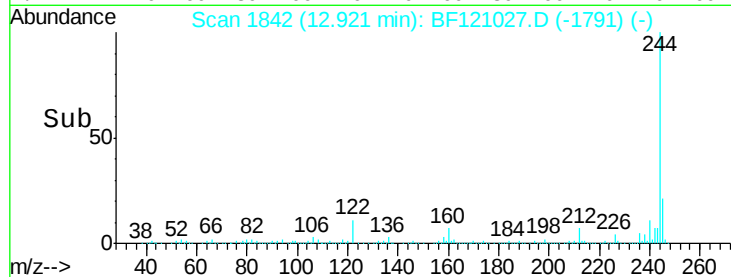
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.629 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121027.D

Acq: 27 Jul 2020 12:22

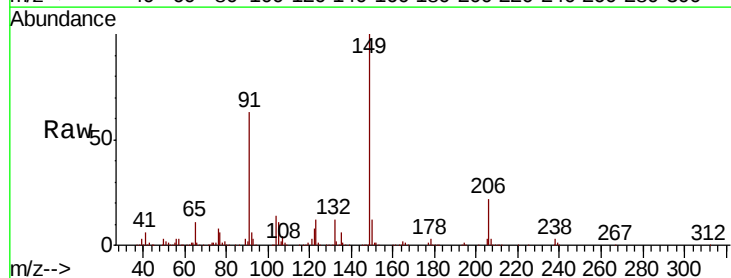
Tgt Ion:149 Resp: 571491

Ion Ratio Lower Upper

149 100

91 63.2 55.1 82.7

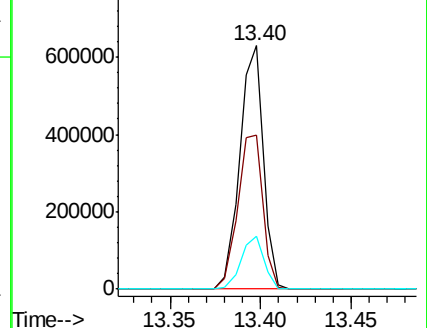
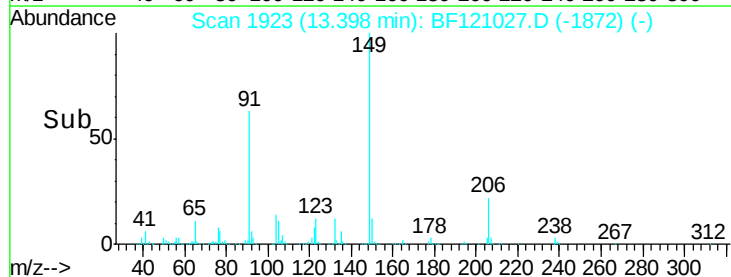
206 21.9 16.1 24.1

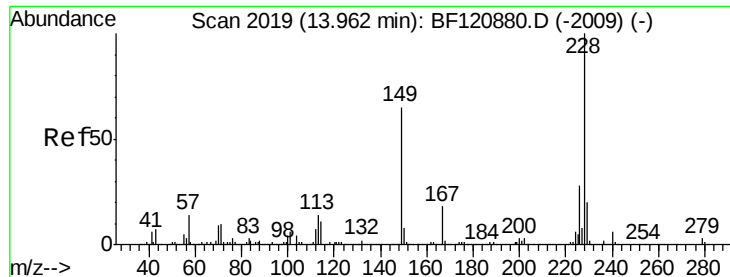


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





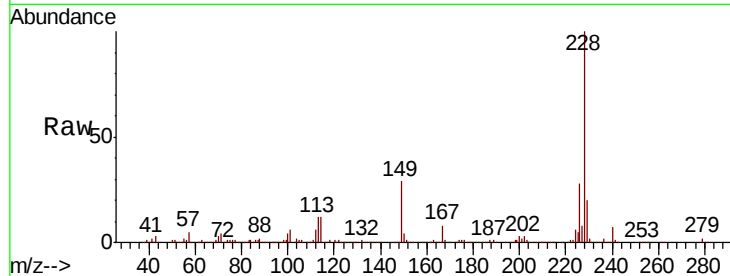
#81
Benzo(a)anthracene
Concen: 39.674 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	20.2	16.1	24.1

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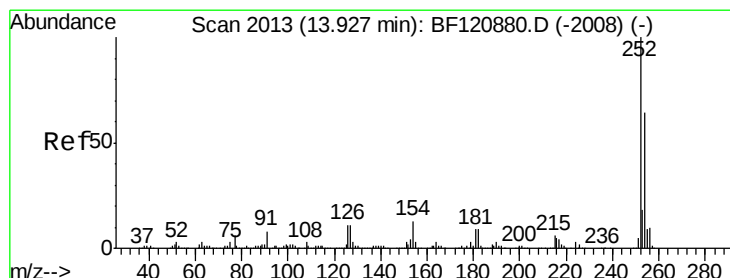
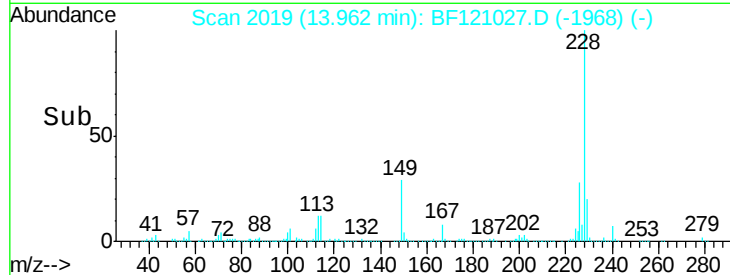
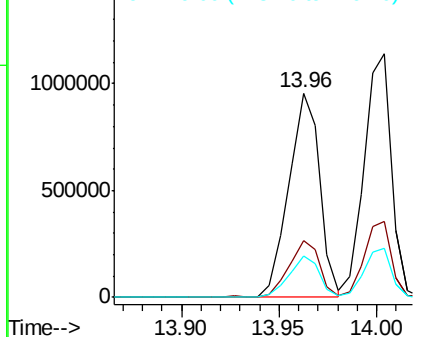


Abundance

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: 34.356 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

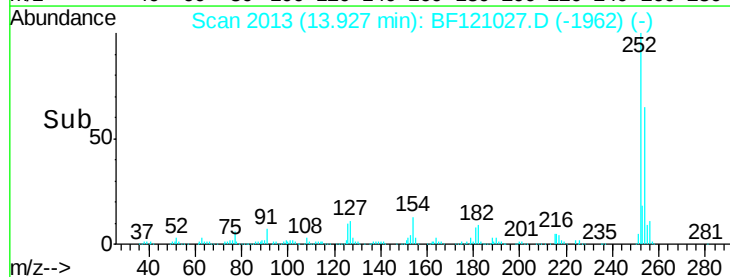
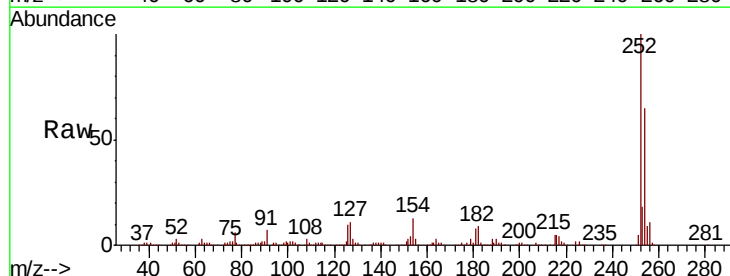
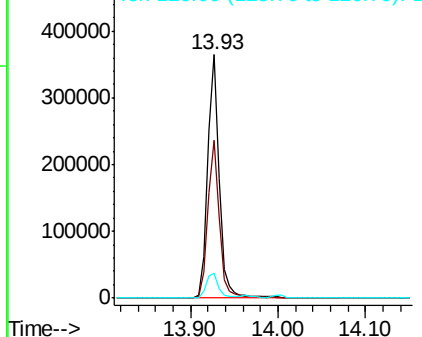
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.2	76.8
126	10.4	8.7	13.1

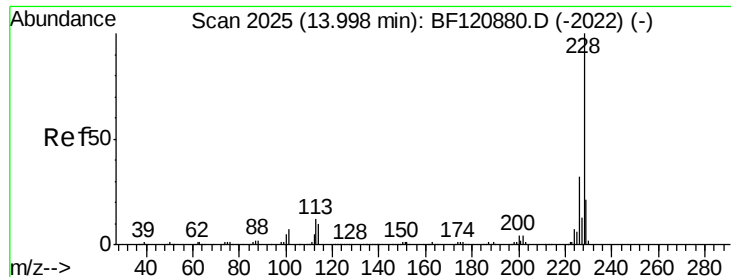
Abundance

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





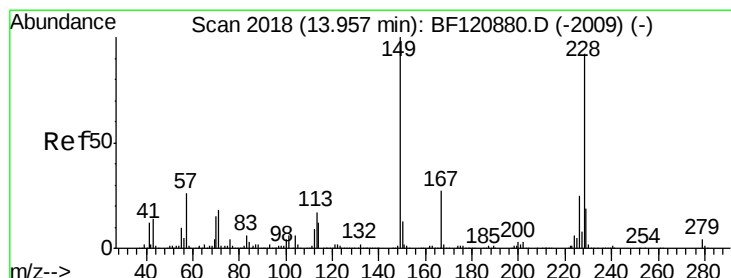
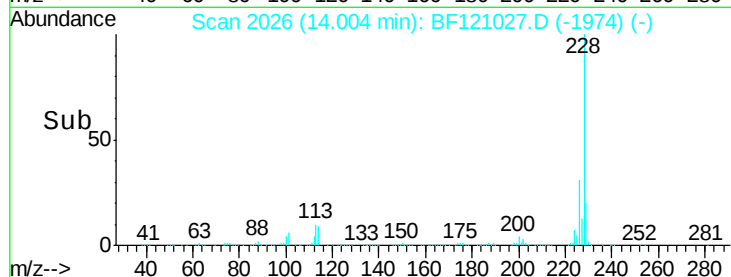
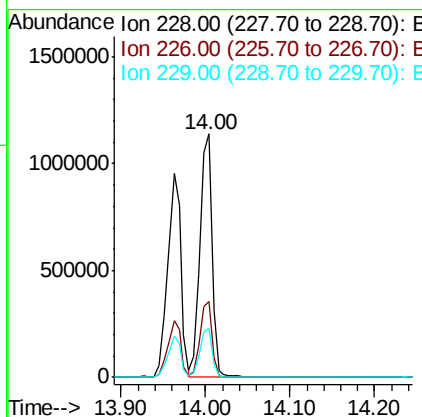
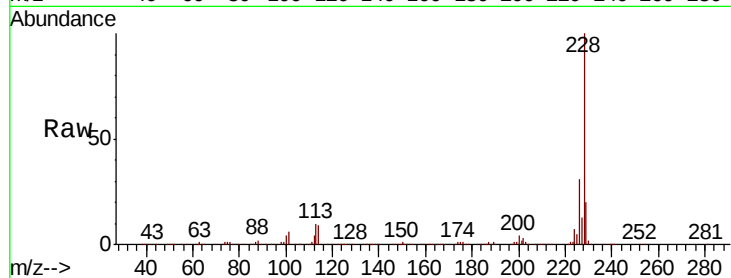
#83
 Chrysene
 Concen: 40.392 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleID :
 PB130493BS

Tot Ion: 228 Resp: 1119634
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.6 38.4
 229 20.3 16.8 25.2

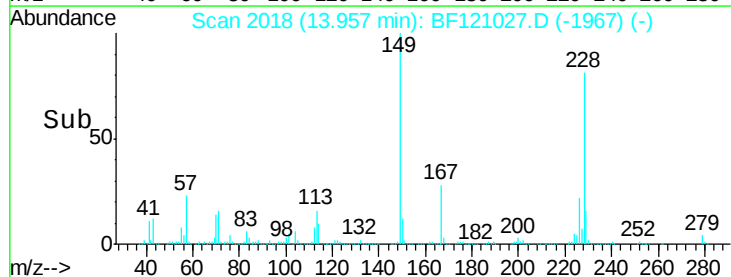
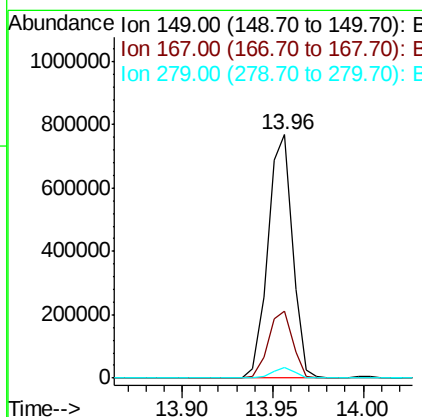
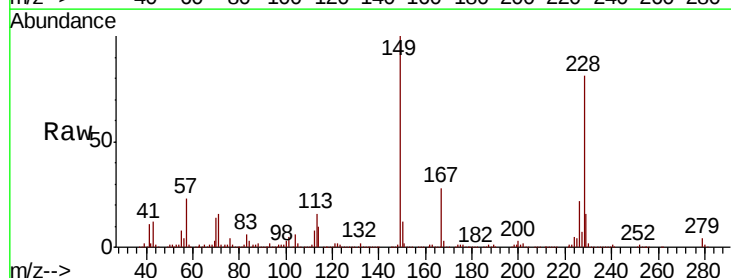
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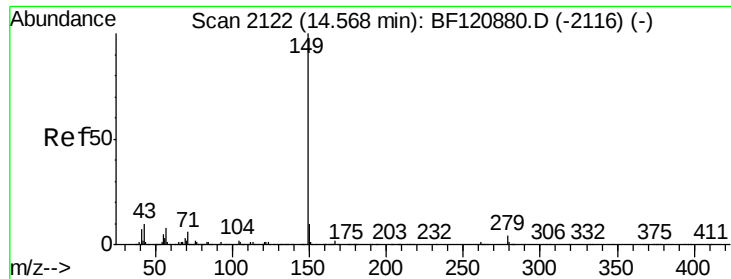
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.934 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion: 149 Resp: 726816
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.9 32.9
 279 4.3 3.0 4.4





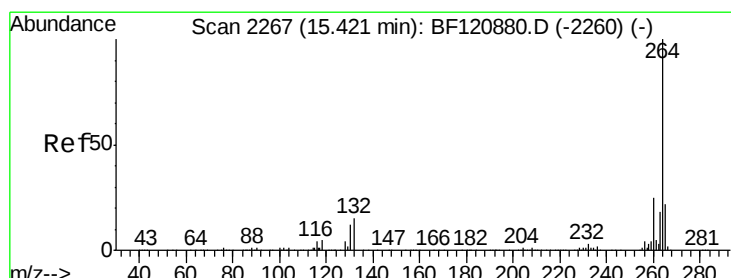
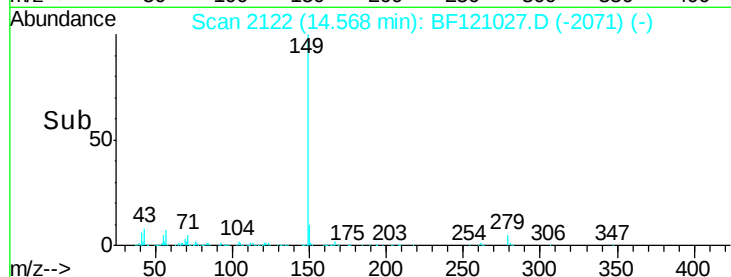
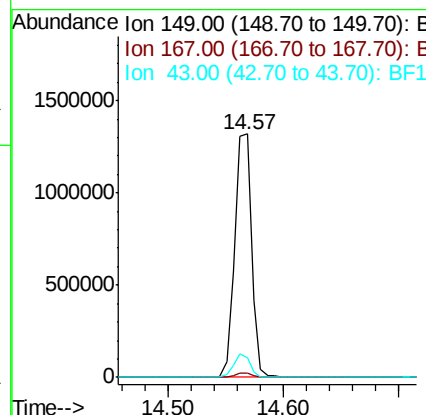
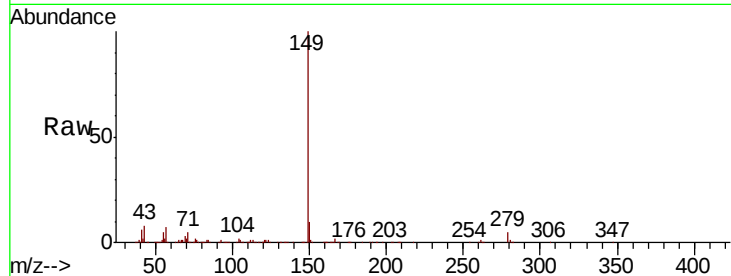
#85
Di-n-octyl phthalate
Concen: 39.741 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

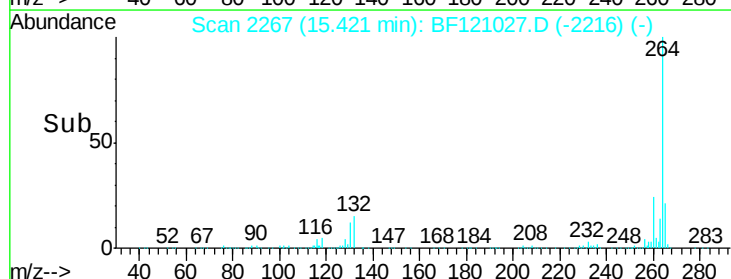
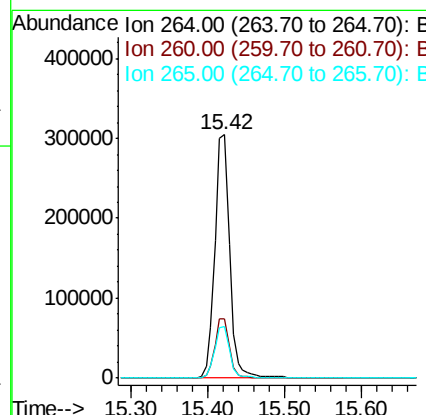
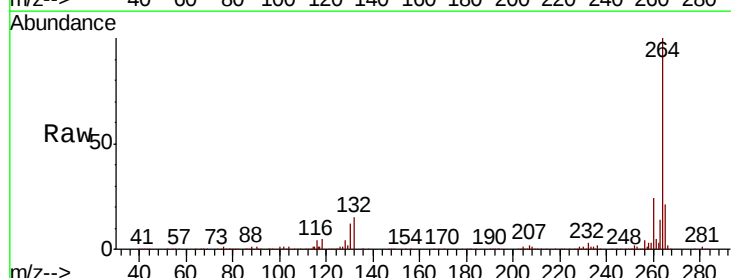
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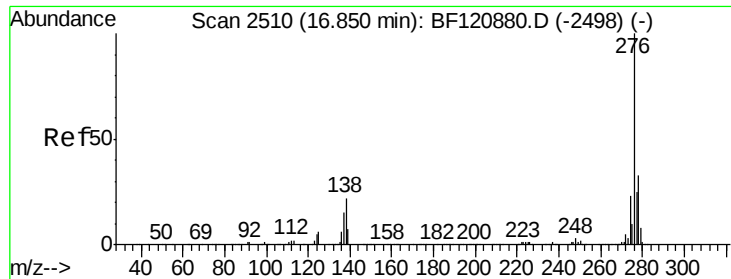
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	21.3	17.4	26.2





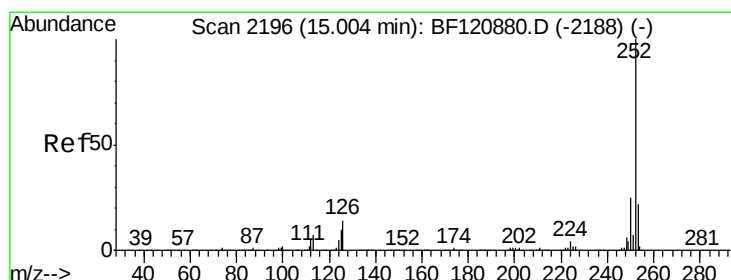
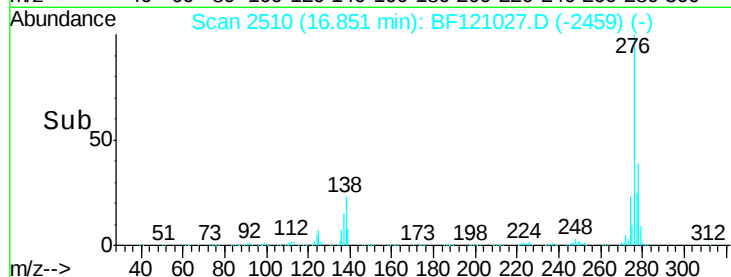
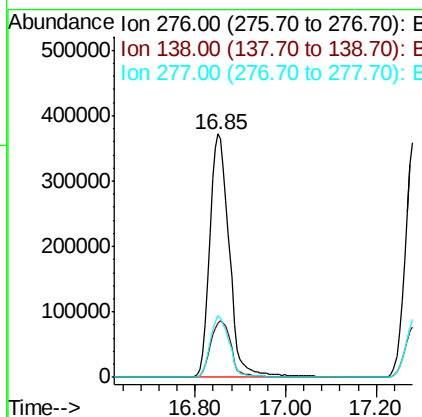
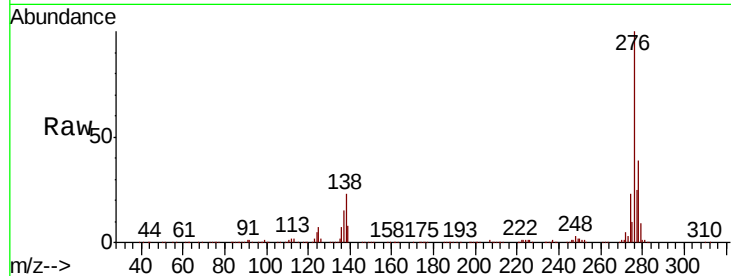
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.143 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130493BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.2	19.8	29.8	
277	25.1	20.2	30.2	

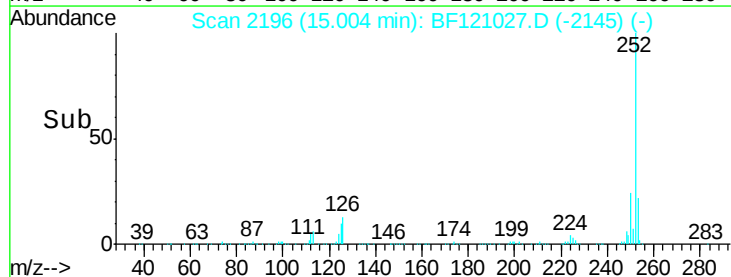
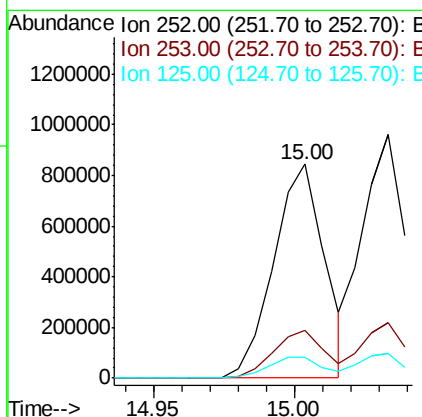
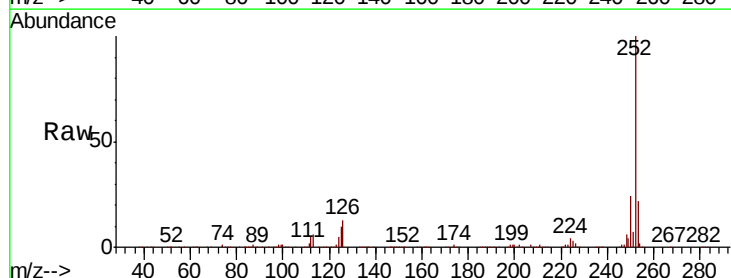
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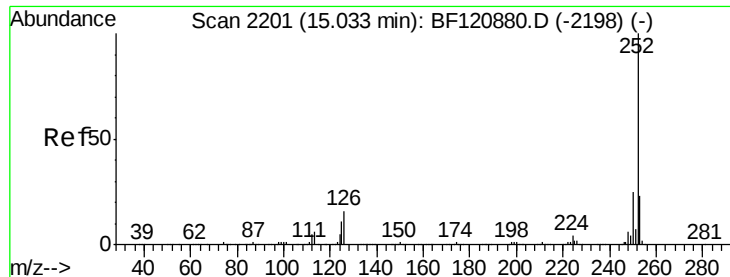
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#88
 Benzo(b)fluoranthene
 Concen: 43.222 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121027.D
 Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	18.0	27.0	
125	10.0	8.3	12.5	





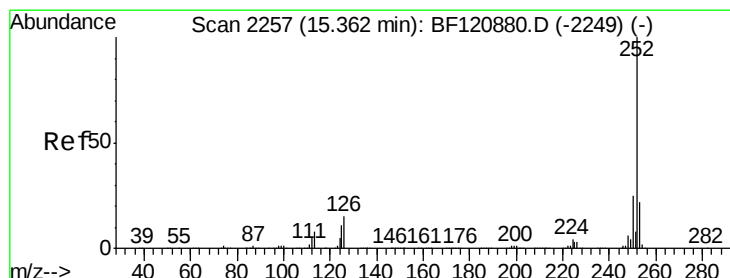
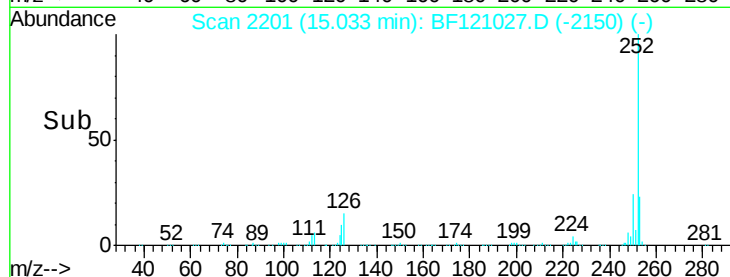
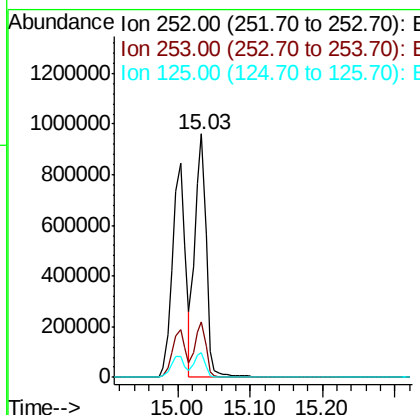
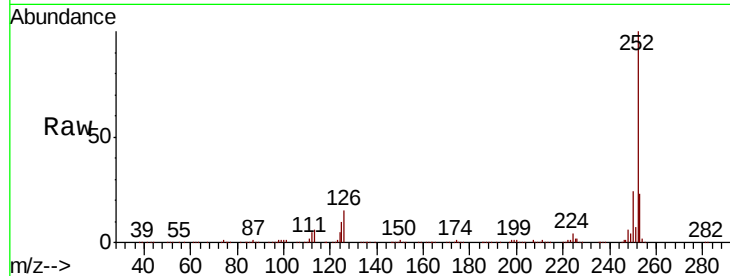
#89
Benzo(k)fluoranthene
Concen: 46.851 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.7	18.2	27.2	
125	10.4	8.4	12.6	

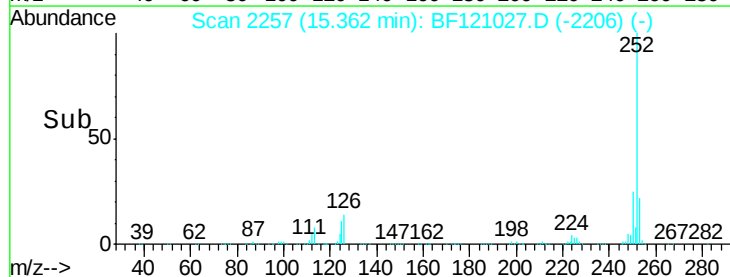
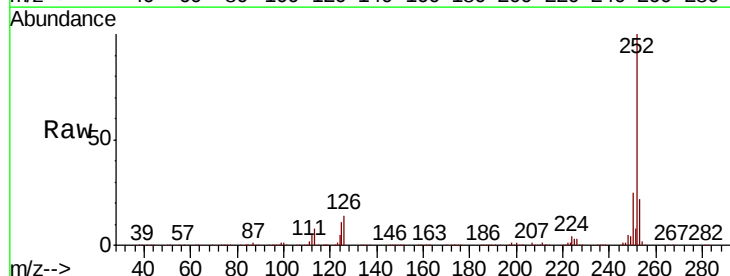
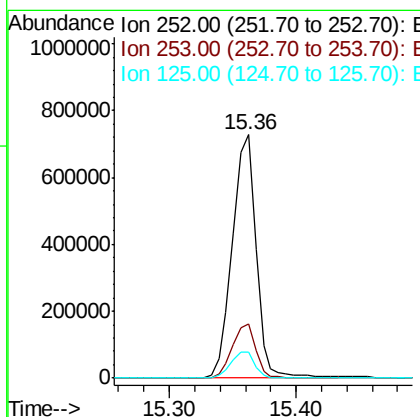
Manual Integrations
APPROVED

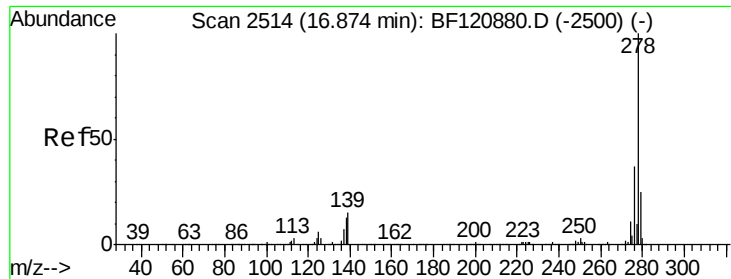
mohammad
7/28/2020 11:43:12 AM



#90
Benzo(a)pyrene
Concen: 42.561 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	17.8	26.8	
125	10.8	8.9	13.3	





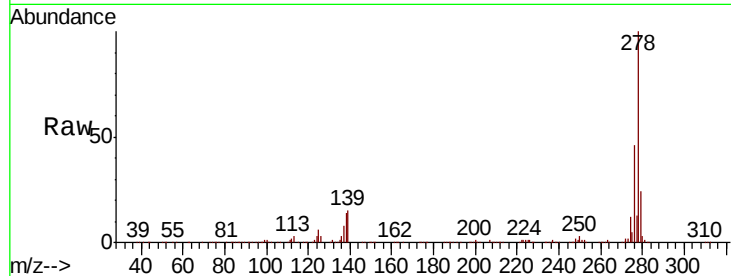
#91
Dibenzo(a,h)anthracene
Concen: 41.406 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Instrument :
BNA_F
ClientSampleId :
PB130493BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.3	18.5
279	23.9	20.1	30.1

Manual Integrations
APPROVED

mohammad
7/28/2020 11:43:12 AM

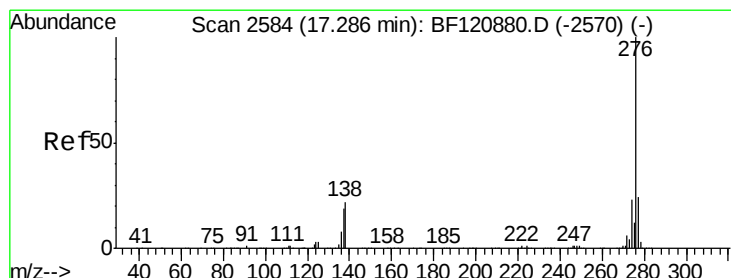
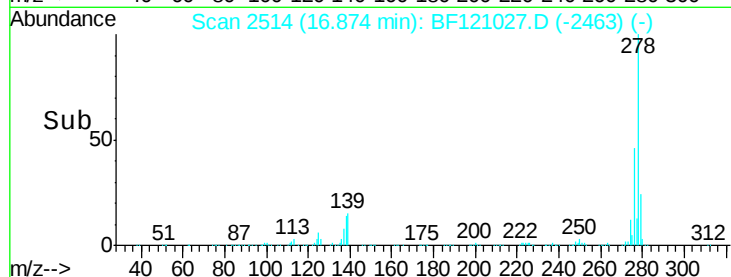
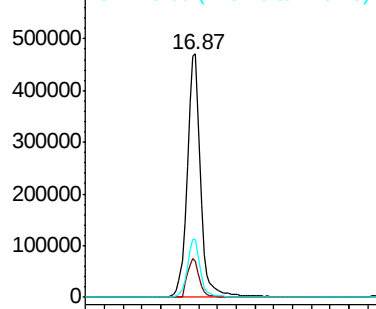


Abundance

Ion 278.00 (277.70 to 278.70): E

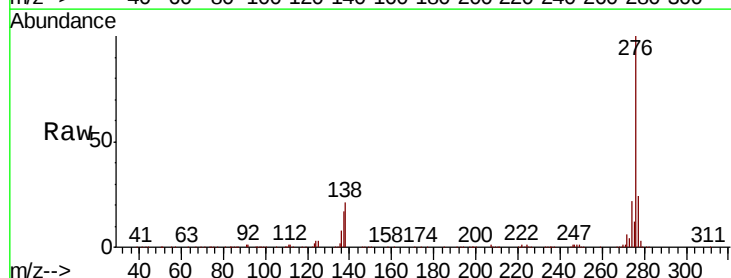
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.676 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF121027.D
Acq: 27 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.7	17.5	26.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

