

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121812.D
 Acq On : 5 Oct 2020 11:29
 Operator : JU/CG
 Sample : PB132057BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:35:51 AM

Quant Time: Oct 05 12:03:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139610	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	553876	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	299114	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	566224	20.00	ng	0.00
76) Chrysene-d12	13.93	240	453687	20.00	ng	0.00
86) Perylene-d12	15.36	264	416041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1189466	126.62	ng	0.00
7) Phenol-d6	6.42	99	1510495	122.56	ng	0.00
23) Nitrobenzene-d5	7.34	82	1035201	100.35	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	535357	144.01	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1756451	88.94	ng	0.00
79) Terphenyl-d14	12.87	244	2254775	100.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	150493	34.870	ng	99
3) Pyridine	3.24	79	438138	36.722	ng	99
4) n-Nitrosodimethylamine	3.19	42	230079	41.574	ng	99
6) Aniline	6.43	93	527137	32.840	ng	# 21
8) 2-Chlorophenol	6.56	128	439413	45.941	ng	93
9) Benzaldehyde	6.32	77	231941	28.788	ng	97
10) Phenol	6.43	94	517270	39.413	ng	82
11) bis(2-Chloroethyl)ether	6.50	93	432983	43.773	ng	99
12) 1,3-Dichlorobenzene	6.70	146	447760	41.942	ng	99
13) 1,4-Dichlorobenzene	6.78	146	455510	42.494	ng	99
14) 1,2-Dichlorobenzene	6.94	146	414481	41.973	ng	99
15) Benzyl Alcohol	6.92	79	354000	42.259	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	673375	42.304	ng	92
17) 2-Methylphenol	7.03	107	363276	44.638	ng	95
18) Hexachloroethane	7.27	117	168785	43.975	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	309988	43.642	ng	98
20) 3+4-Methylphenols	7.19	107	423655	43.328	ng	# 88
22) Acetophenone	7.18	105	567565	40.388	ng	96
24) Nitrobenzene	7.36	77	475761	42.642	ng	97
25) Isophorone	7.60	82	877444	42.254	ng	99
26) 2-Nitrophenol	7.67	139	234004	44.735	ng	95
27) 2,4-Dimethylphenol	7.71	122	363117	39.173	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	548638	42.677	ng	99
29) 2,4-Dichlorophenol	7.92	162	363777	43.088	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	373912	42.052	ng	100
31) Naphthalene	8.07	128	1204786	41.206	ng	100
32) Benzoic acid	7.87	122	202010	31.924	ng	99
33) 4-Chloroaniline	8.12	127	468705	36.981	ng	99
34) Hexachlorobutadiene	8.19	225	225933	43.289	ng	98
35) Caprolactam	8.52	113	138947m	49.420	ng	
36) 4-Chloro-3-methylphenol	8.62	107	405469	44.582	ng	99
37) 2-Methylnaphthalene	8.76	142	812918	42.426	ng	98
38) 1-Methylnaphthalene	8.86	142	758208	42.518	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	377543	40.408	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	266793	50.001	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	263112	41.314	nq	100
44) 2,4,5-Trichlorophenol	9.09	196	281775	41.852	nq	97
46) 1,1'-Biphenyl	9.23	154	961112	40.137	nq	100
47) 2-Chloronaphthalene	9.26	162	766583	40.624	nq	98
48) 2-Nitroaniline	9.36	65	276350	47.127	nq	94
49) Acenaphthylene	9.67	152	1172413	40.437	nq	99
50) Dimethylphthalate	9.53	163	968385	44.669	nq	100
51) 2,6-Dinitrotoluene	9.60	165	211732	45.859	nq	98
52) Acenaphthene	9.84	154	703830	38.434	nq	98
53) 3-Nitroaniline	9.77	138	193888	36.251	nq	97
54) 2,4-Dinitrophenol	9.89	184	212200	79.722	nq	96
55) Dibenzofuran	10.02	168	1029506	39.921	nq	98
56) 4-Nitrophenol	9.95	139	294431	69.028	nq	92
57) 2,4-Dinitrotoluene	10.00	165	264531	45.542	nq	# 89
58) Fluorene	10.36	166	828586	42.014	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	237322	43.359	nq	98
60) Diethylphthalate	10.23	149	926491	43.833	nq	100
61) 4-Chlorophenyl-phenylether	10.35	204	409201	43.314	nq	99
62) 4-Nitroaniline	10.39	138	236387	44.513	nq	97
63) Azobenzene	10.50	77	965926	42.913	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	164037	47.324	nq	94
66) n-Nitrosodiphenylamine	10.47	169	803963	41.386	nq	98
67) 4-Bromophenyl-phenylether	10.83	248	283202	43.930	nq	98
68) Hexachlorobenzene	10.90	284	316513	43.505	nq	96
69) Atrazine	11.00	200	242996	50.349	nq	99
70) Pentachlorophenol	11.10	266	270295	67.650	nq	99
71) Phenanthrene	11.32	178	1261547	40.893	nq	99
72) Anthracene	11.37	178	1292196	40.589	nq	99
73) Carbazole	11.52	167	1183232	41.186	nq	100
74) Di-n-butylphthalate	11.85	149	1452613	43.809	nq	100
75) Fluoranthene	12.50	202	1397153	42.425	nq	98
77) Benzidine	12.62	184	690227	45.891	nq	100
78) Pyrene	12.73	202	1374420	41.463	nq	99
80) Butylbenzylphthalate	13.34	149	628498	46.882	nq	98
81) Benzo(a)anthracene	13.92	228	1254500	43.707	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	417005	37.214	nq	98
83) Chrysene	13.96	228	1222461	42.060	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	861624	48.110	nq	99
85) Di-n-octyl phthalate	14.52	149	1507531	47.697	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1187689	43.836	nq	100
88) Benzo(b)fluoranthene	14.96	252	1260614	45.325	nq	99
89) Benzo(k)fluoranthene	14.99	252	1173031	46.057	nq	99
90) Benzo(a)pyrene	15.31	252	1103803	46.689	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	980766	43.486	nq	100
92) Benzo(g,h,i)perylene	17.22	276	942945	42.533	nq	99

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

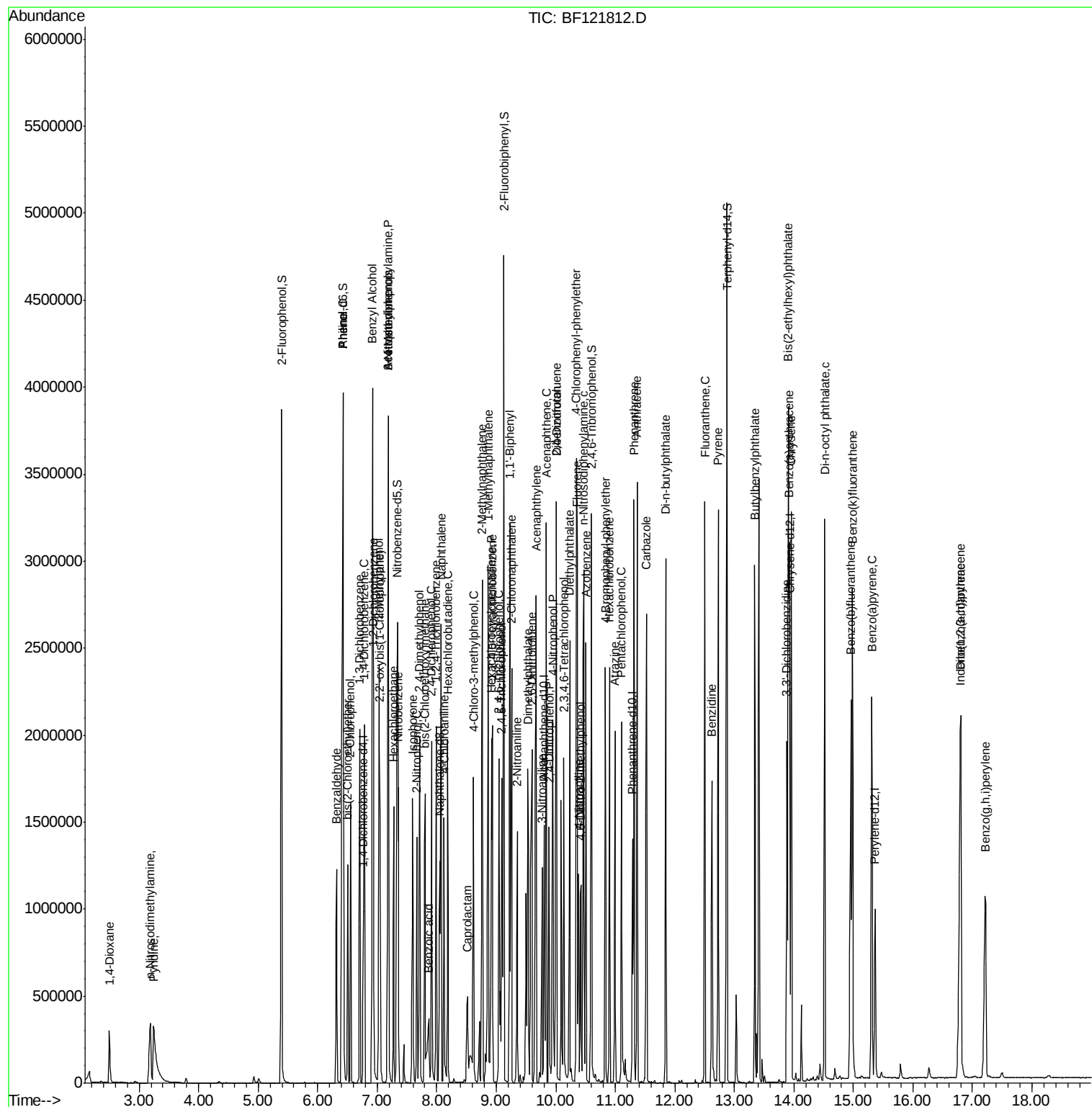
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#1

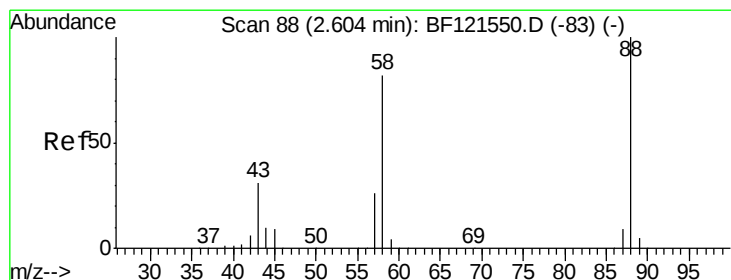
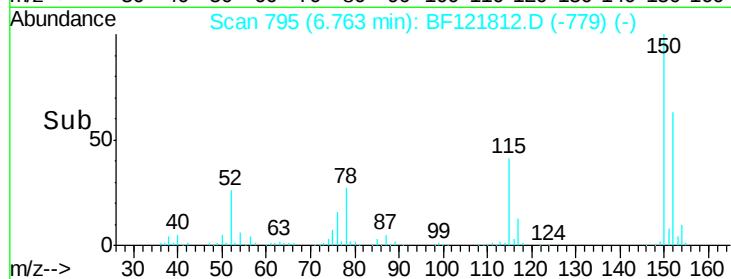
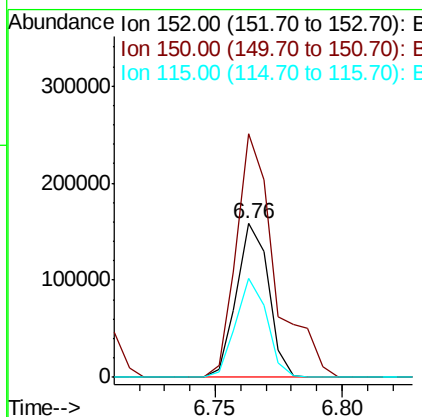
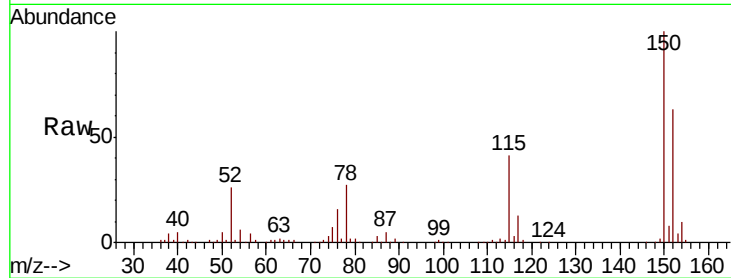
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.3	187.9
115	64.2	51.9	77.9

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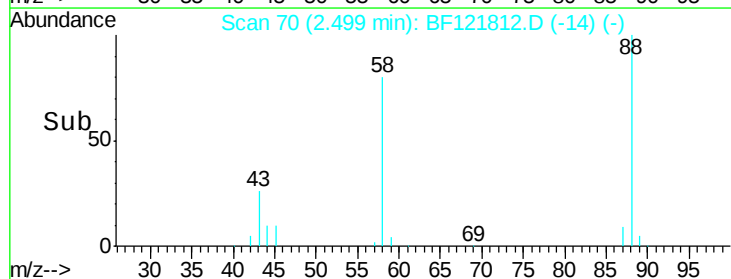
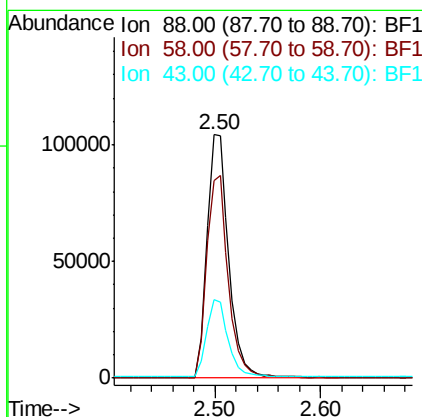
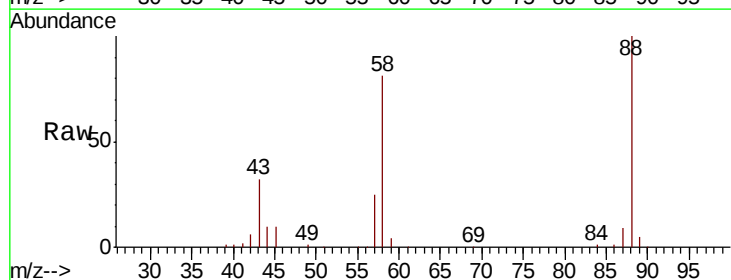
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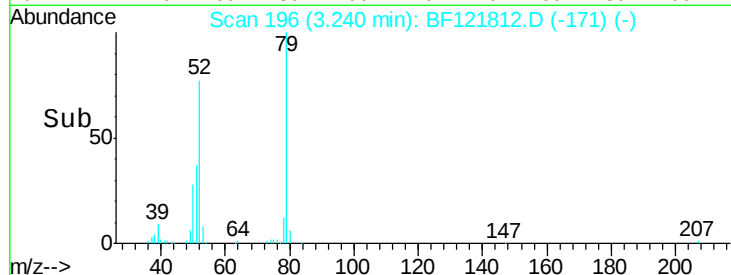
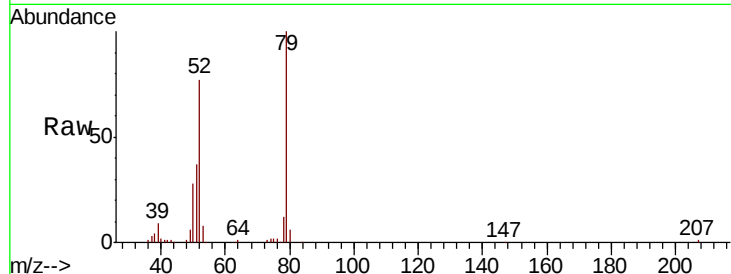
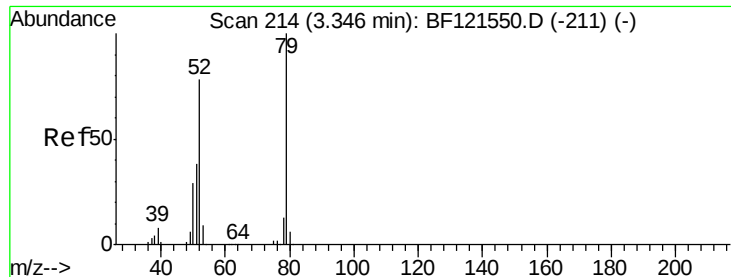


#2

1,4-Dioxane
Concen: 34.870 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.03 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.3	65.8	98.8
43	31.2	25.8	38.8





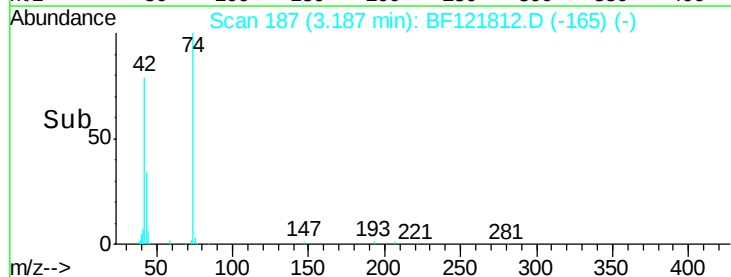
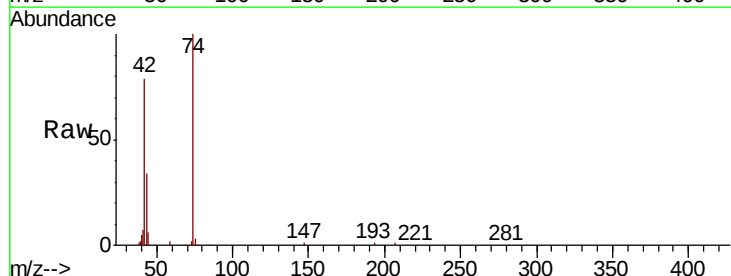
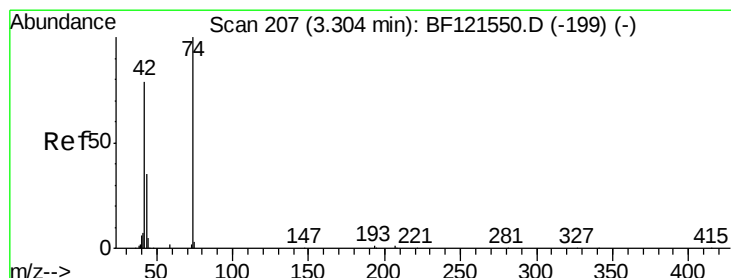
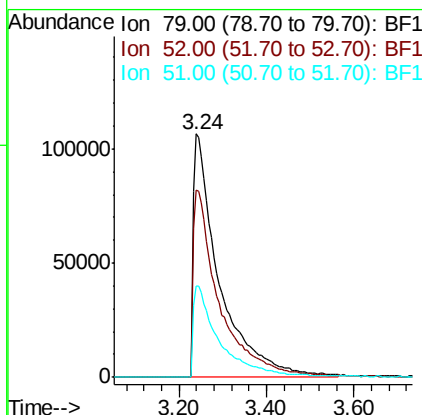
#3
 Pvridine
 Concen: 36.722 ng
 RT: 3.24 min Scan# 196
 Delta R.T. 0.05 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tot Ion	79	Resp	438138
Ion Ratio	Lower	Upper	
79	100		
52	77.2	62.2	93.4
51	37.4	31.1	46.7

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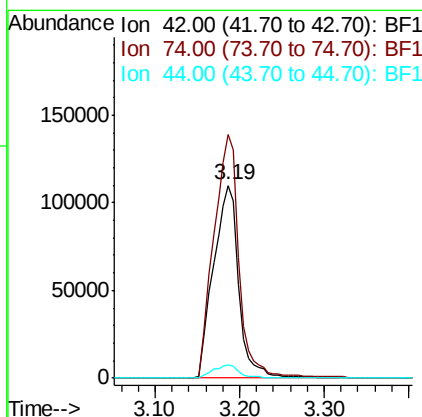
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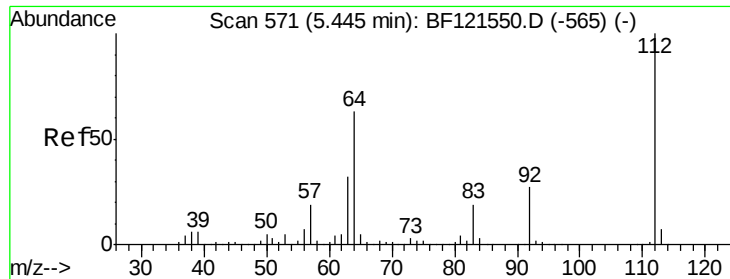
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#4
 n-Nitrosodimethylamine
 Concen: 41.574 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.03 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	42	Resp	230079
Ion Ratio	Lower	Upper	
42	100		
74	126.4	100.2	150.2
44	7.1	5.8	8.6





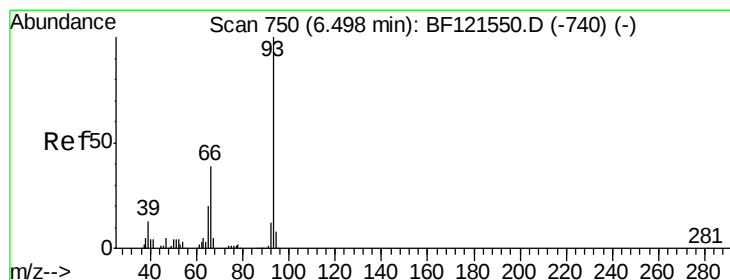
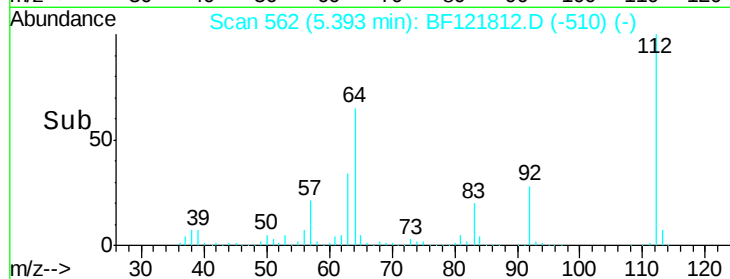
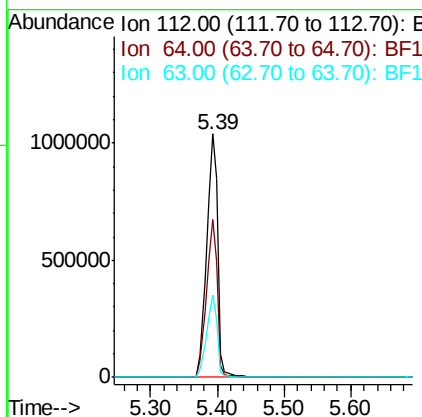
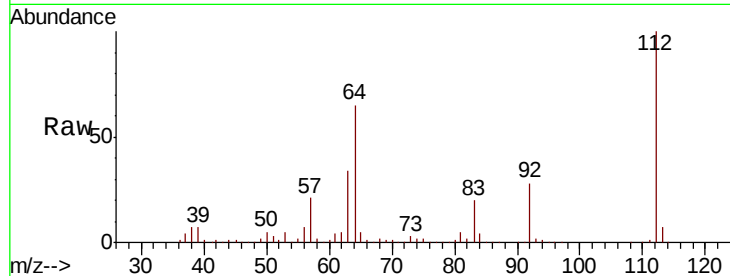
#5
2-Fluorophenol
Concen: 126.617 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.9	50.4	75.6
63	33.6	25.8	38.6

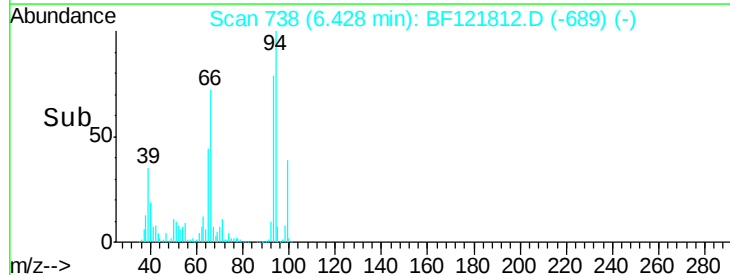
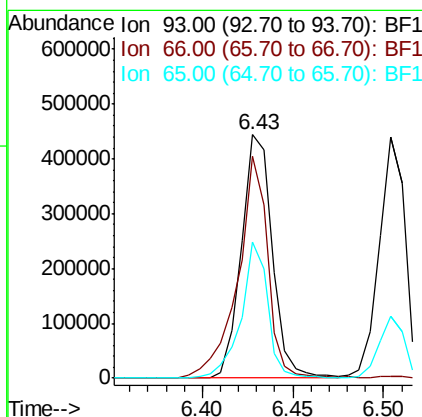
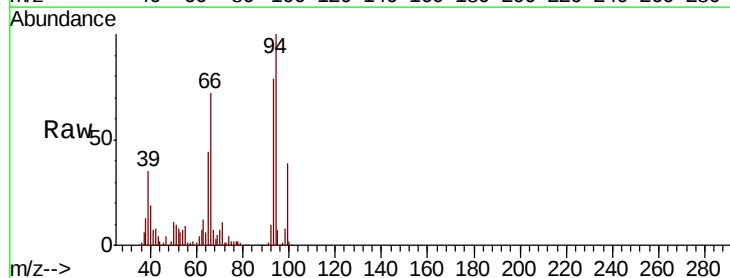
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#6
Aniline
Concen: 32.840 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	91.2	32.7	49.1#
65	56.1	16.6	24.8#





#7

Phenol-d6

Concen: 122.559 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

Tot Ion: 99 Resp: 1510495

Ion Ratio Lower Upper

99 100

42 21.0 15.9 23.9

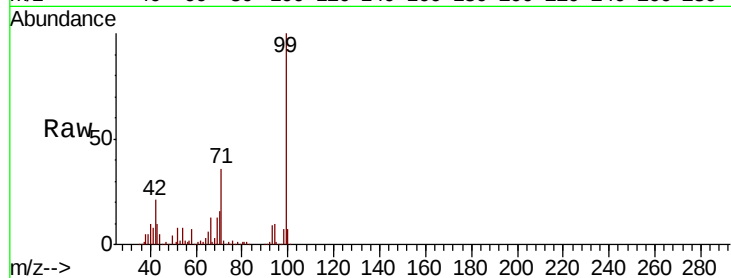
71 35.9 27.1 40.7

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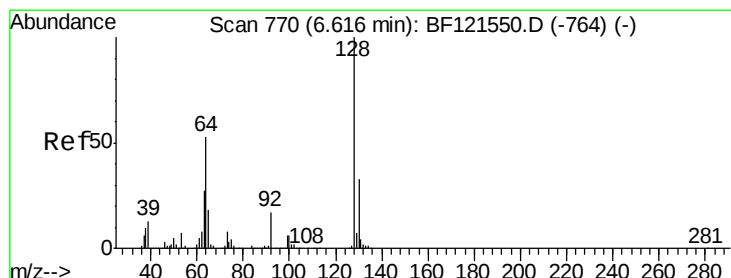
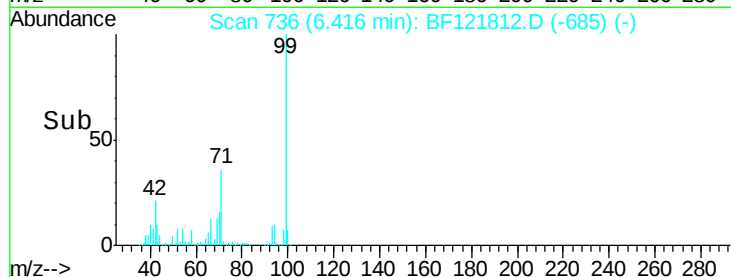
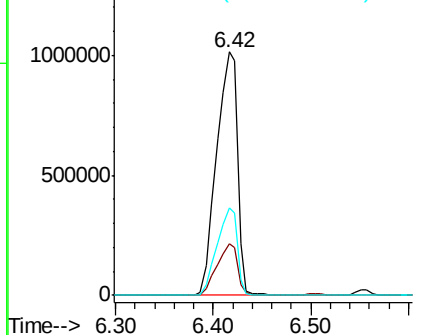
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.941 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

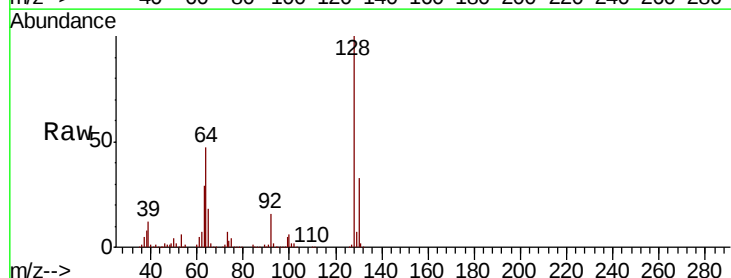
Tgt Ion: 128 Resp: 439413

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

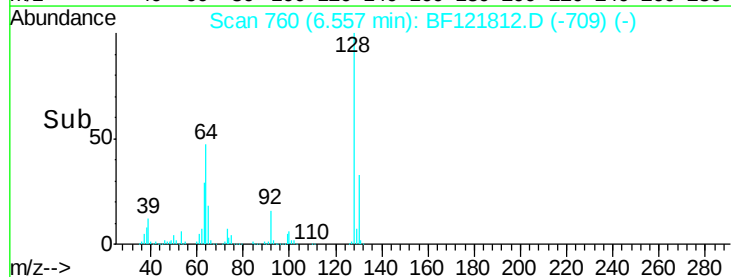
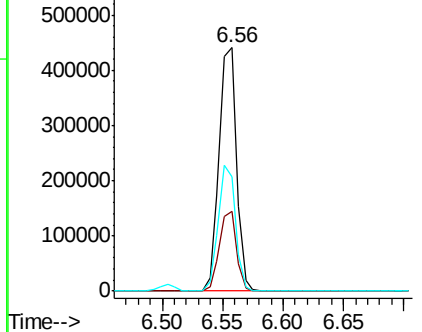
64 47.0 34.8 74.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.788 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

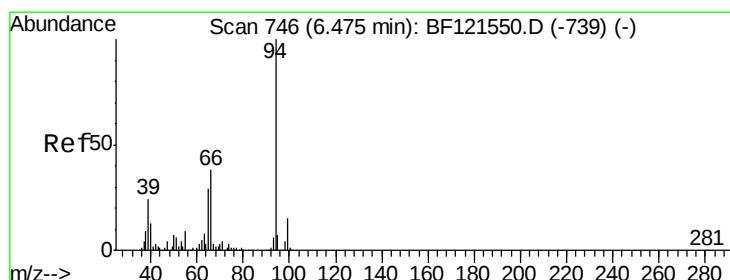
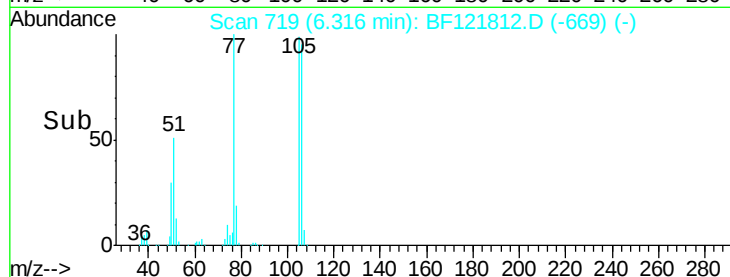
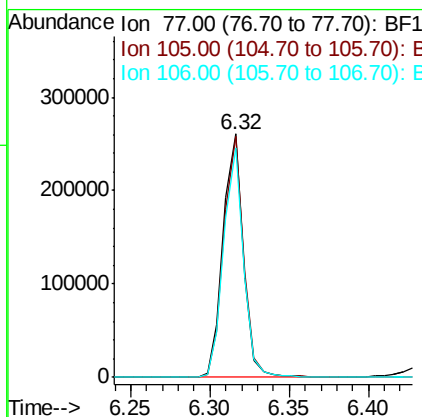
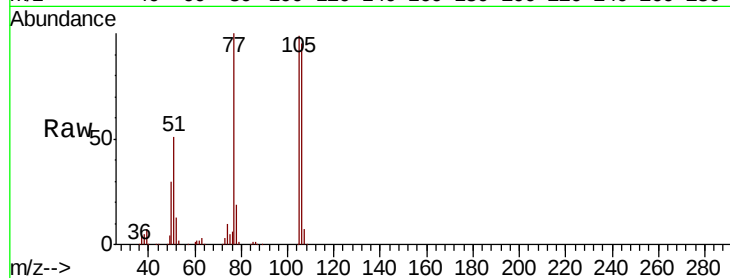
ClientSampleId :

PB132057BS

Tot Ion:	77	Resp:	231941
Ion Ratio	Lower	Upper	
77	100		
105	98.9	76.7	116.7
106	94.5	71.3	111.3

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#10

Phenol

Concen: 39.413 ng

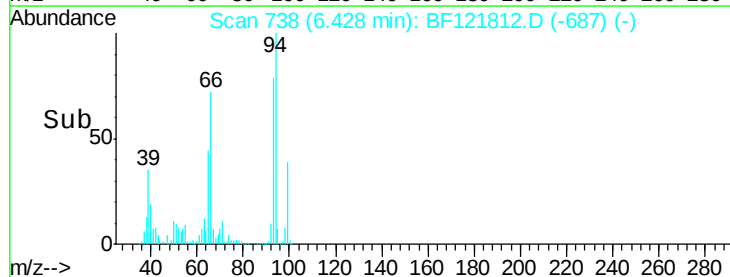
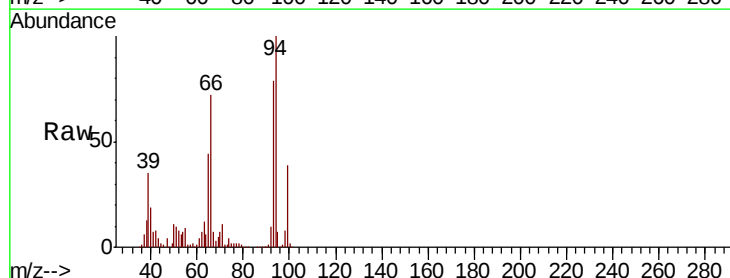
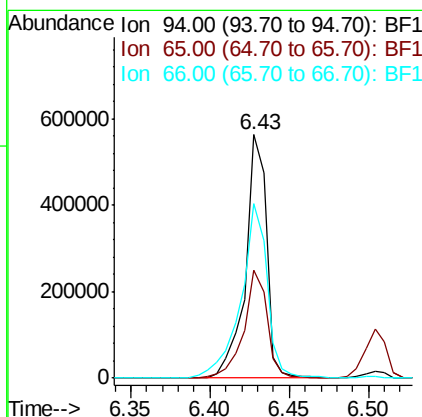
RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:	94	Resp:	517270
Ion Ratio	Lower	Upper	
94	100		
65	44.2	17.1	57.1
66	71.9	36.0	76.0





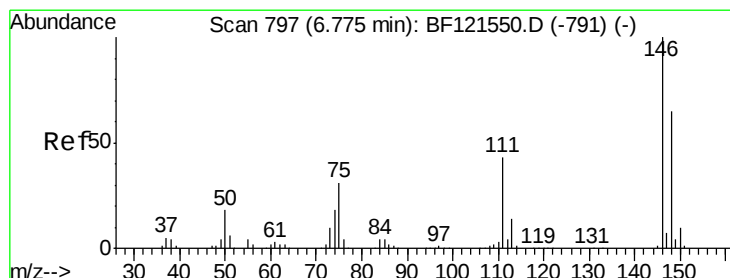
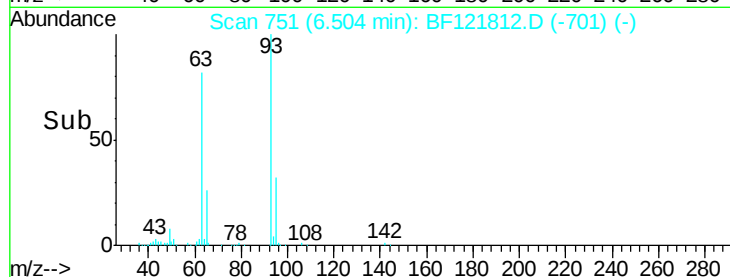
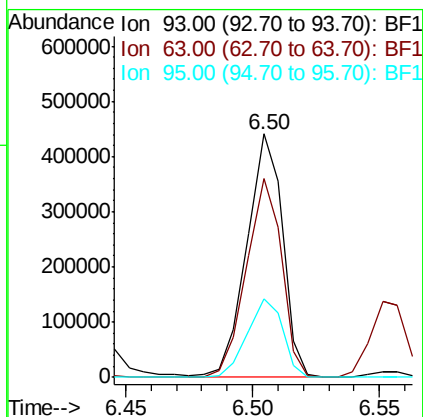
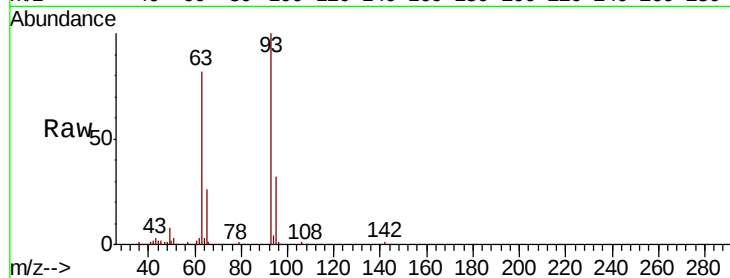
#11
bis(2-Chloroethyl)ether
Concen: 43.773 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	62.4	102.4
95	32.3	12.6	52.6

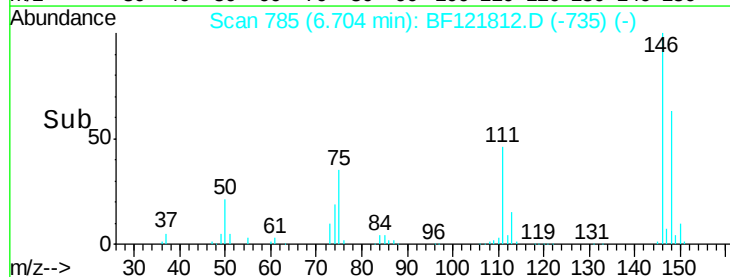
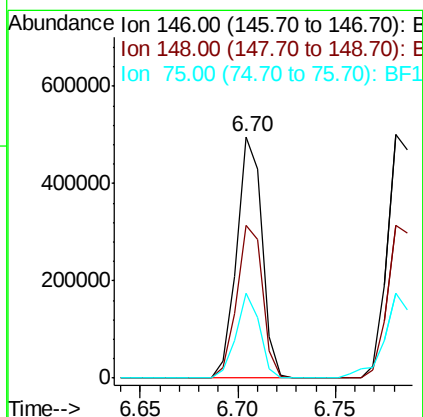
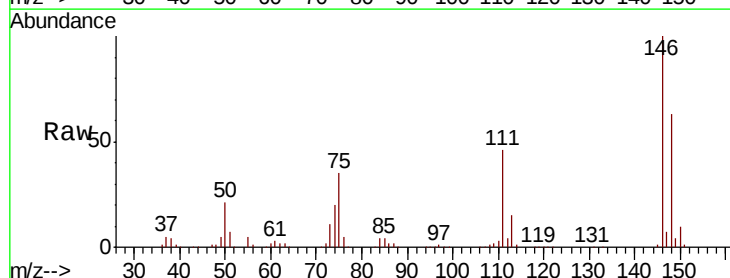
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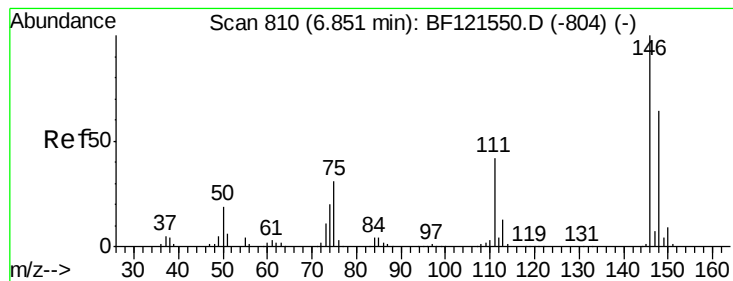
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.942 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	35.0	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 42.494 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

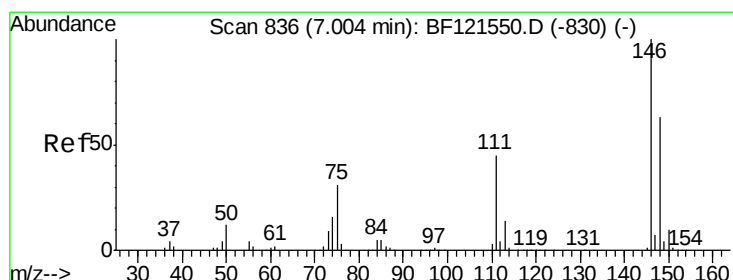
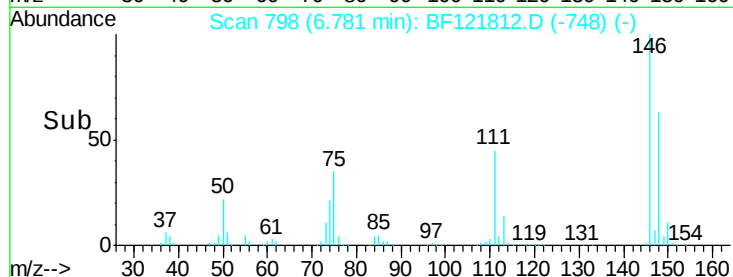
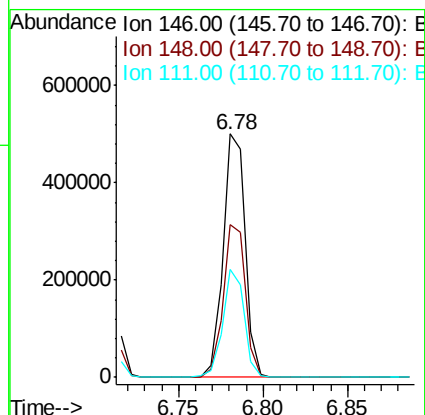
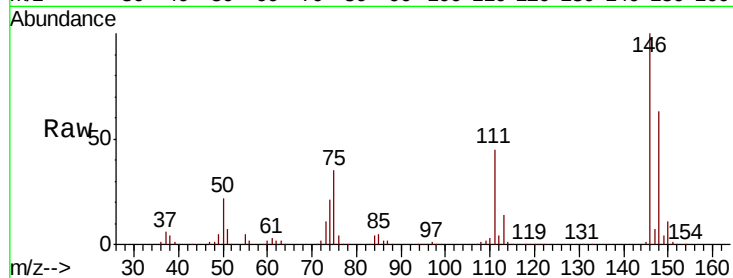
ClientSampleId :

PB132057BS

Tot Ion:	146	Resp:	455510
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.1	75.1
111	44.5	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 41.973 ng

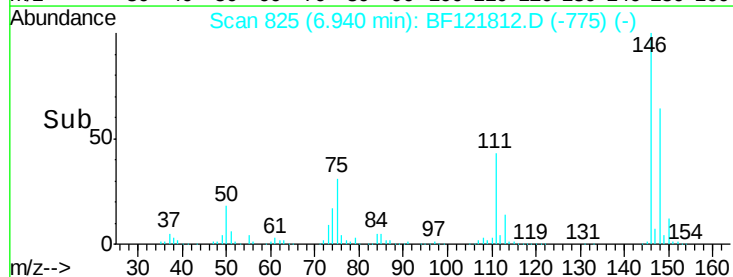
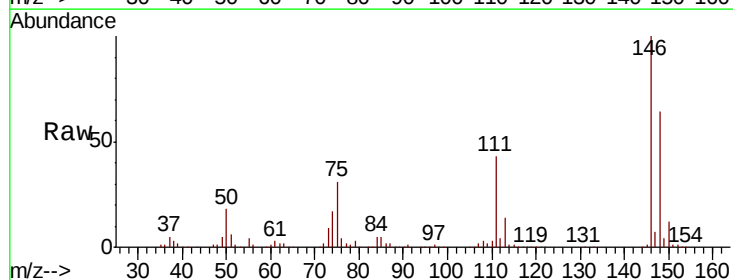
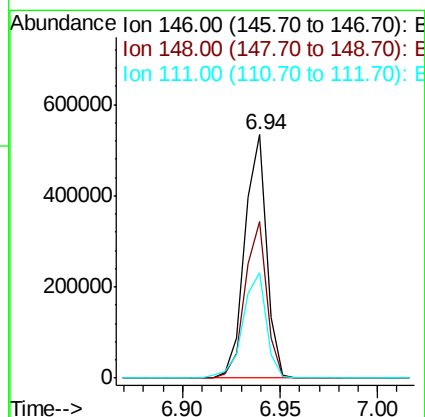
RT: 6.94 min Scan# 825

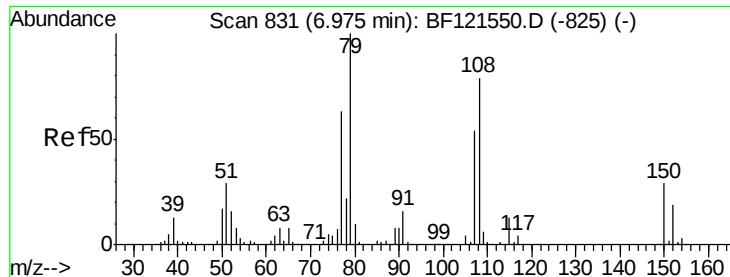
Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:	146	Resp:	414481
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.1	76.7
111	43.5	34.2	51.4





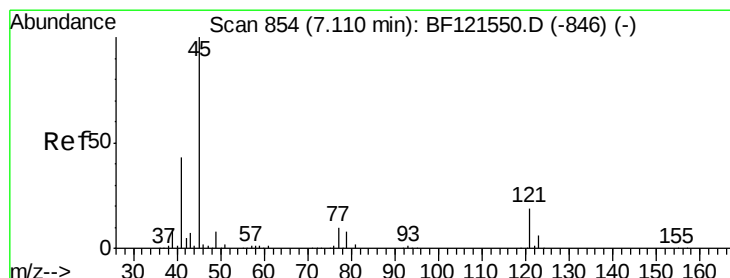
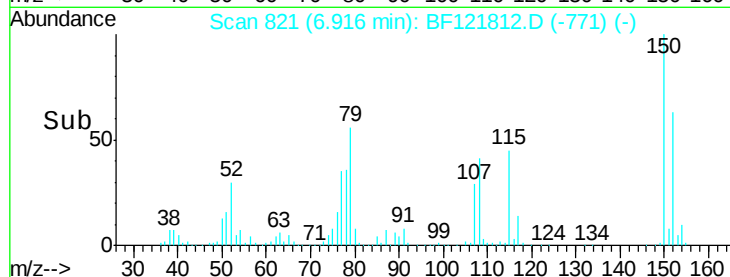
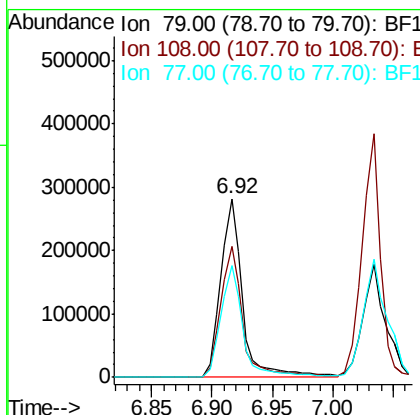
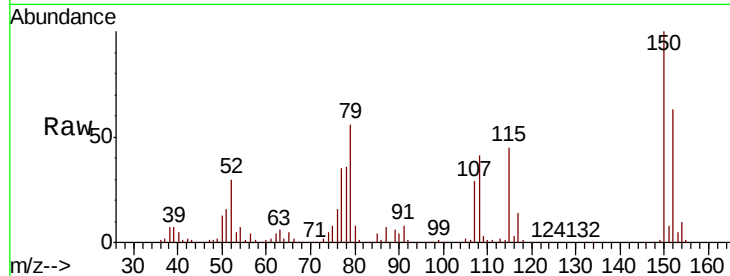
#15
Benzyl Alcohol
Concen: 42.259 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampled :
PB132057BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.2	62.3	93.5
77	62.7	50.6	75.8

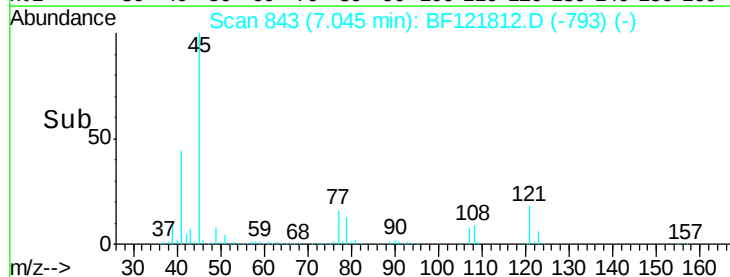
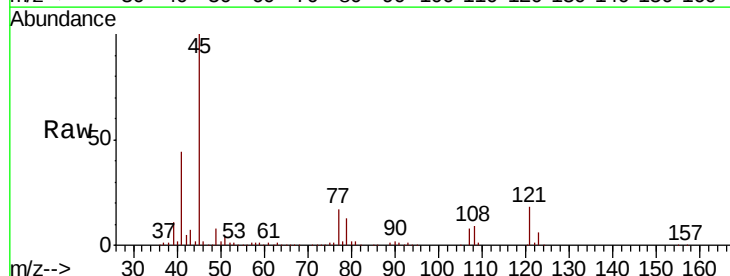
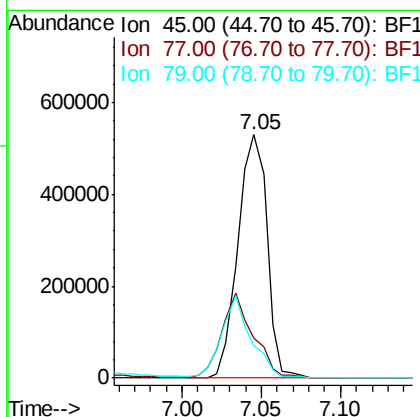
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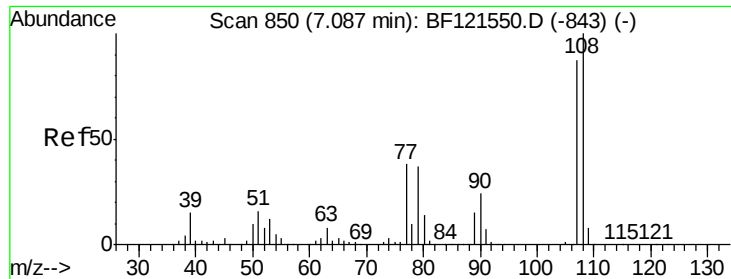
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.304 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	33.3
79	13.4	0.0	30.4





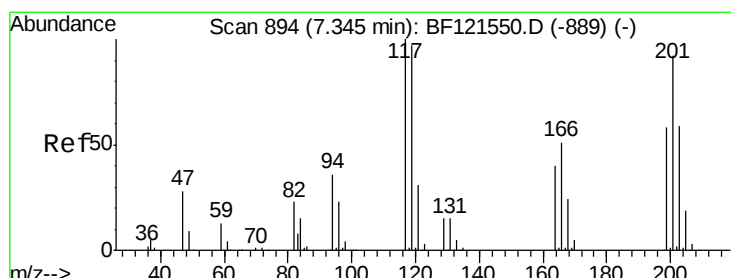
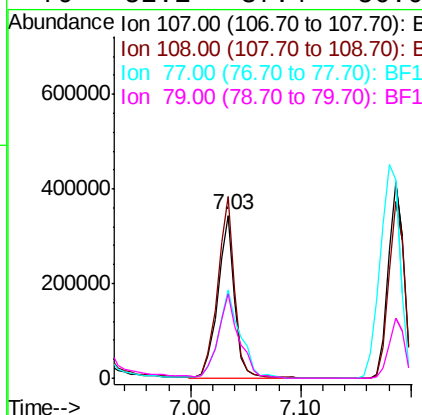
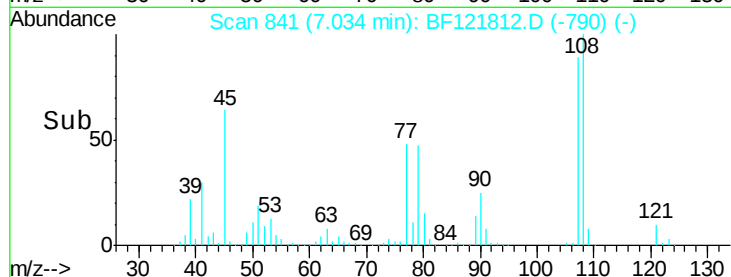
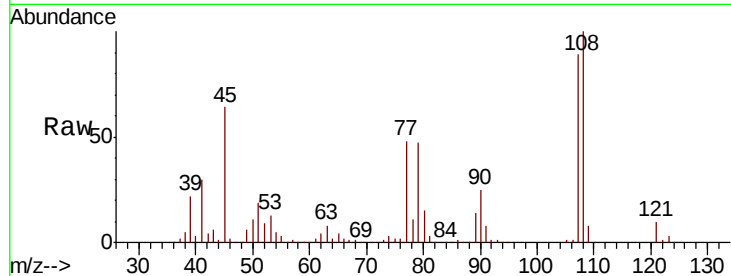
#17
2-Methylphenol
Concen: 44.638 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:	107	Resp:	363276
Ion Ratio	Lower	Upper	
107	100		
108	111.9	90.9	136.3
77	54.1	37.5	56.3
79	52.1	37.4	56.0

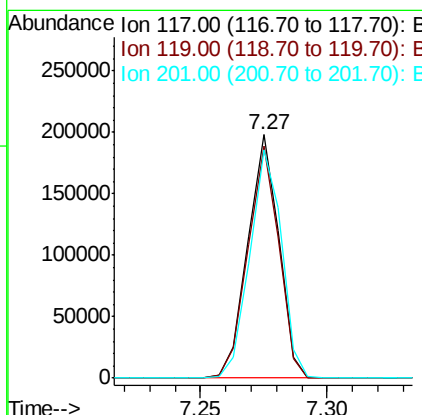
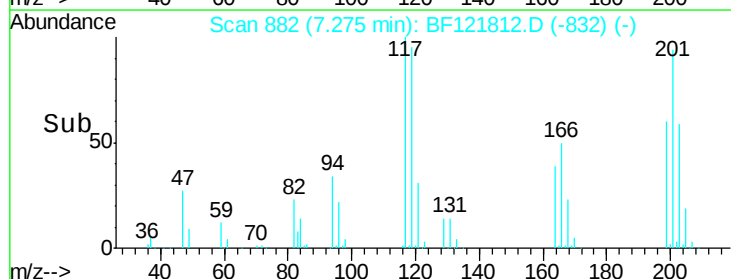
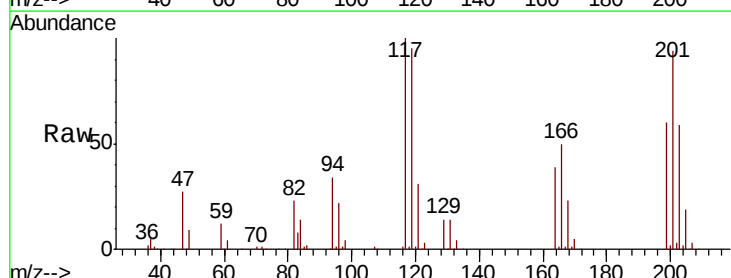
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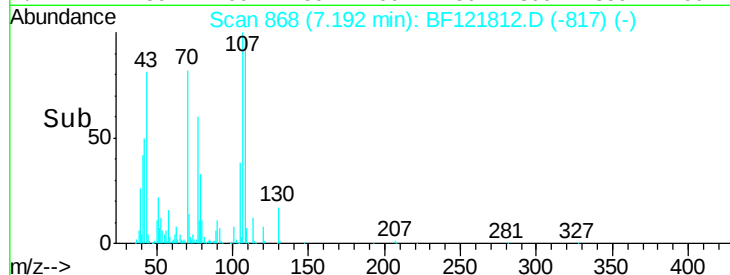
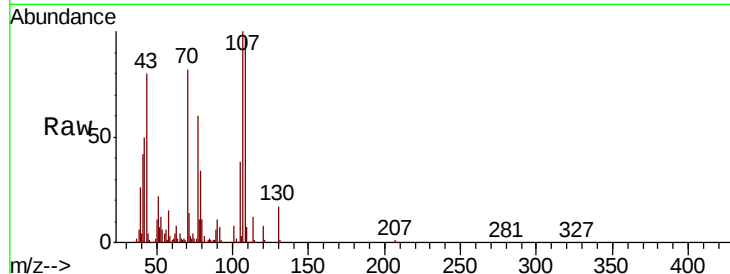
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#18
Hexachloroethane
Concen: 43.975 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:	117	Resp:	168785
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.3	114.5
201	93.9	71.8	107.6





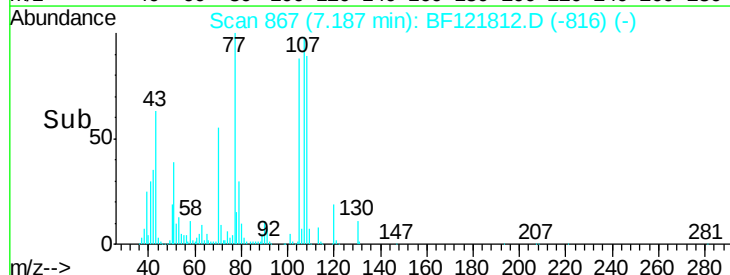
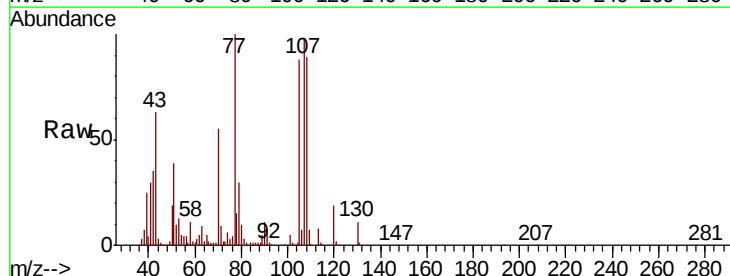
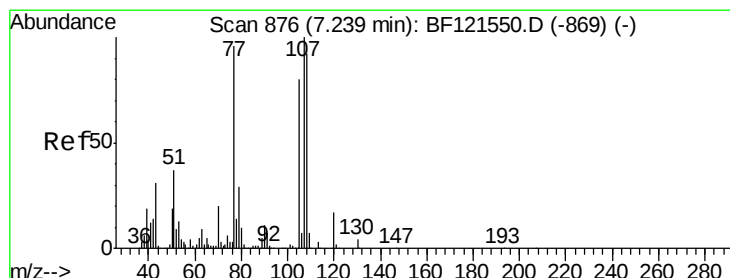
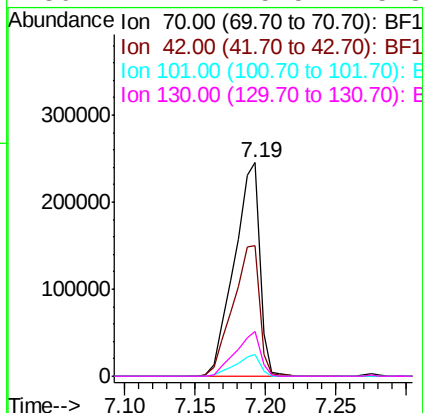
#19
n-Nitroso-di-n-propylamine
Concen: 43.642 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.2	50.2	75.4		
101	10.0	7.5	11.3		
130	21.2	15.5	23.3		

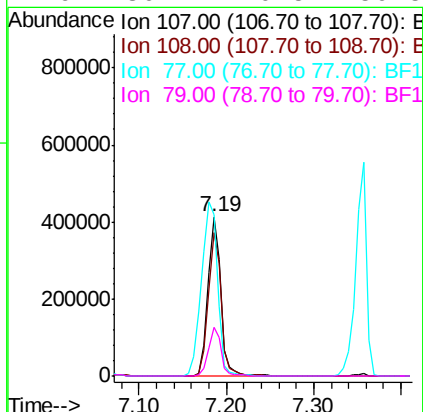
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#20
3+4-Methylphenols
Concen: 43.328 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	68.9	108.9		
77	101.6	108.0	148.0		
79	30.4	10.5	50.5		





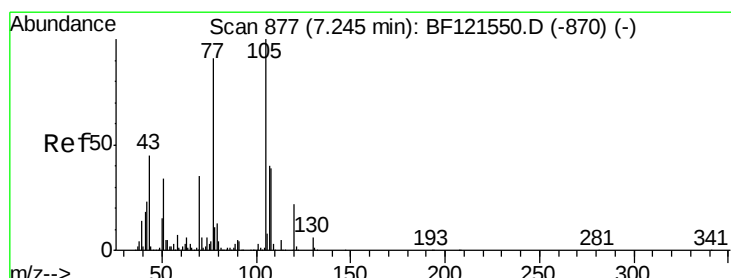
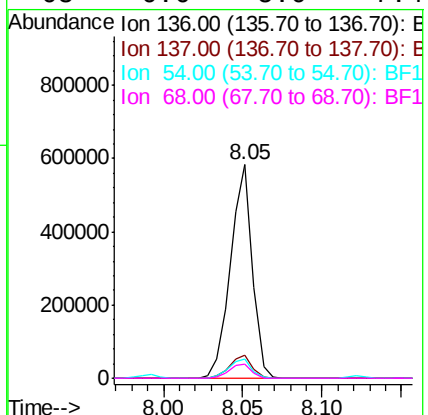
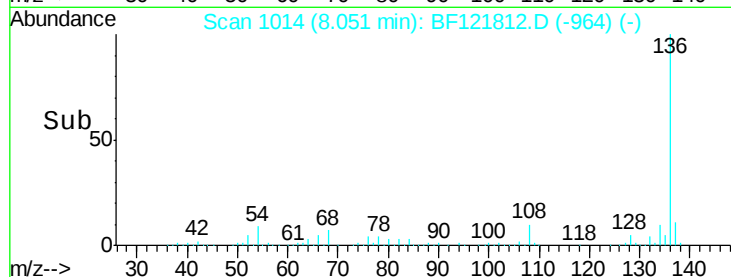
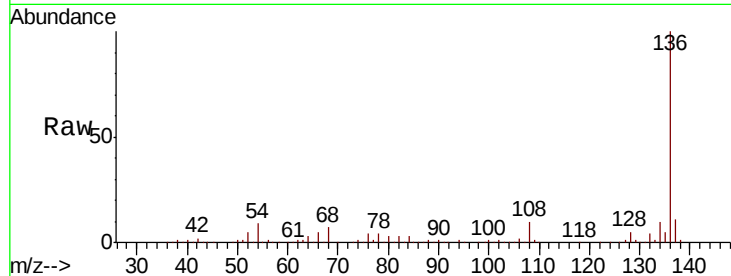
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	553876		
137	10.9	8.6	13.0	
54	9.0	7.1	10.7	
68	6.6	5.0	7.4	

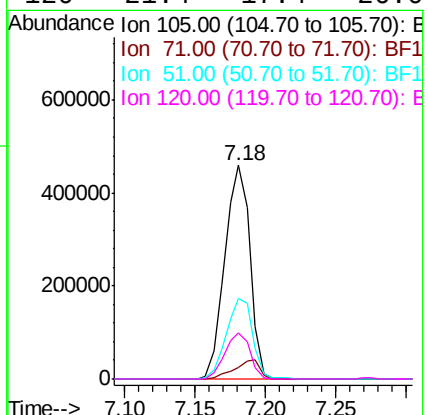
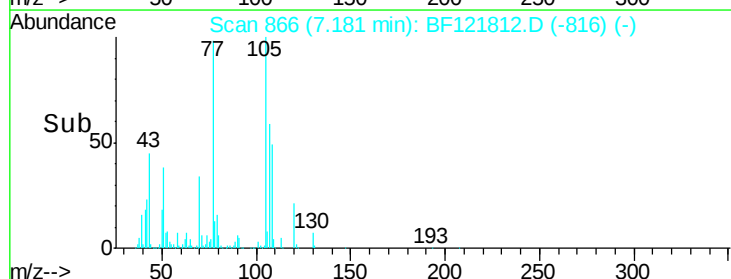
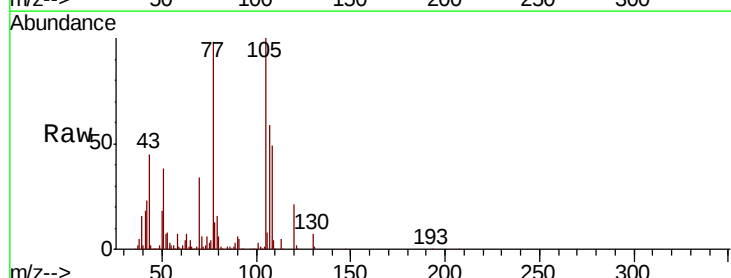
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#22
Acetophenone
Concen: 40.388 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	567565		
71	5.6	5.3	7.9	
51	37.8	33.2	49.8	
120	21.4	17.4	26.0	





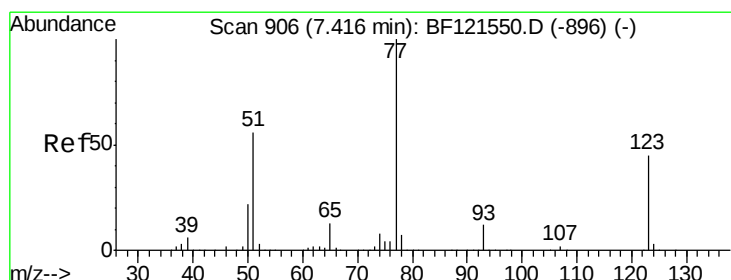
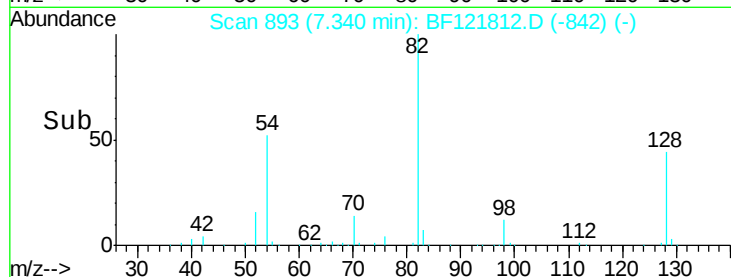
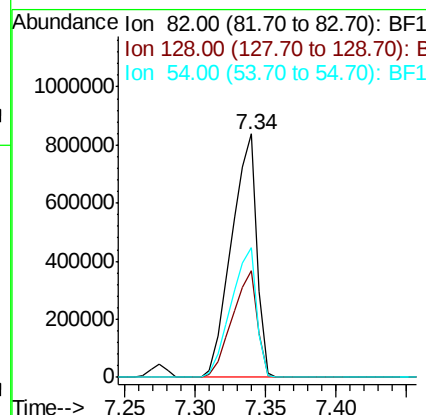
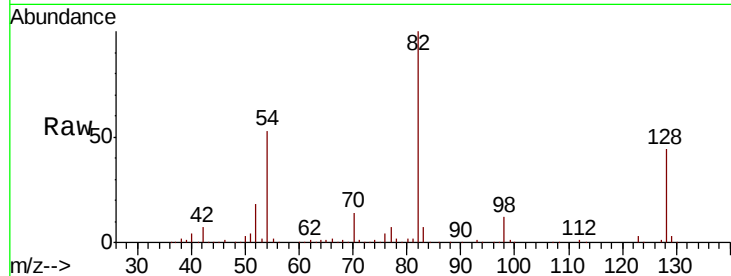
#23
Nitrobenzene-d5
Concen: 100.351 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.0	52.4
54	53.1	43.9	65.9

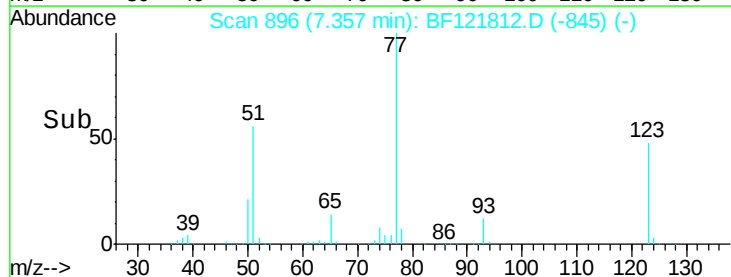
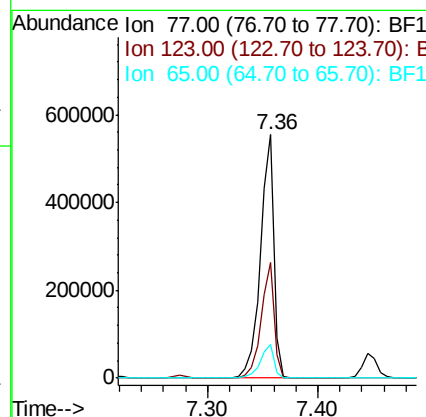
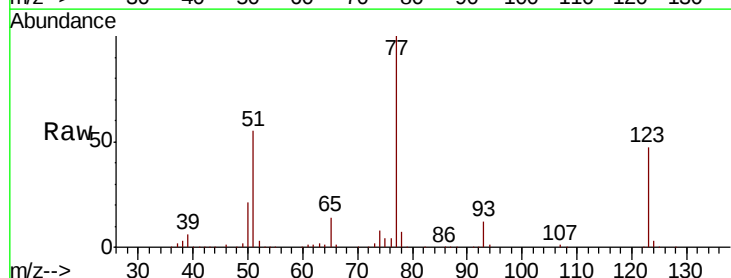
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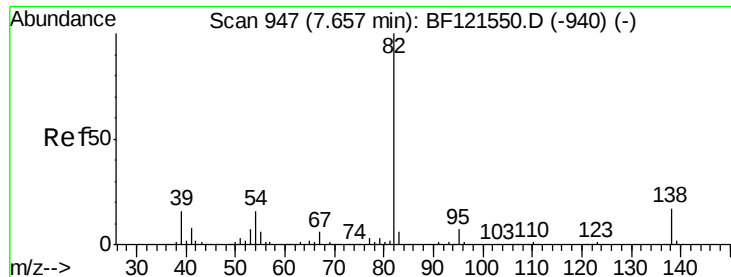
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#24
Nitrobenzene
Concen: 42.642 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.6	53.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 42.254 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

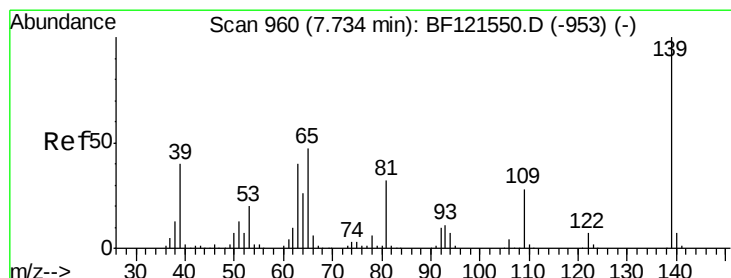
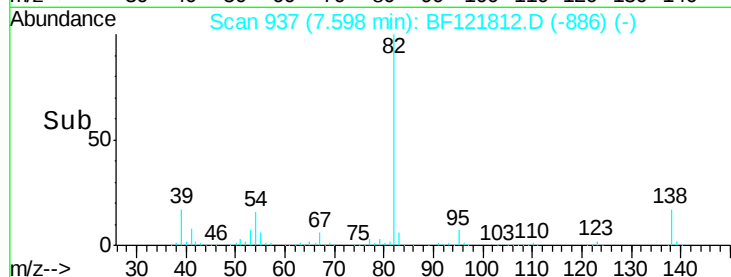
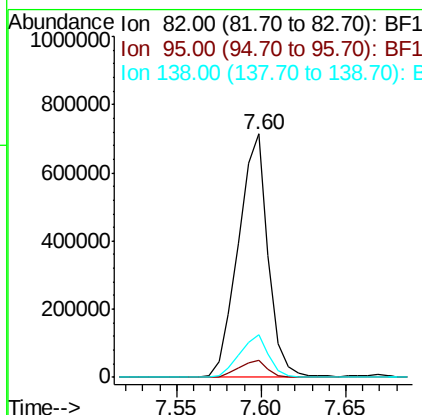
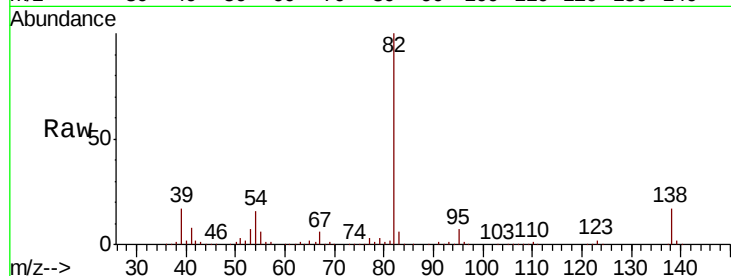
ClientSampleId :

PB132057BS

Tot Ion:	82	Resp:	877444
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	17.3	13.4	20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.735 ng

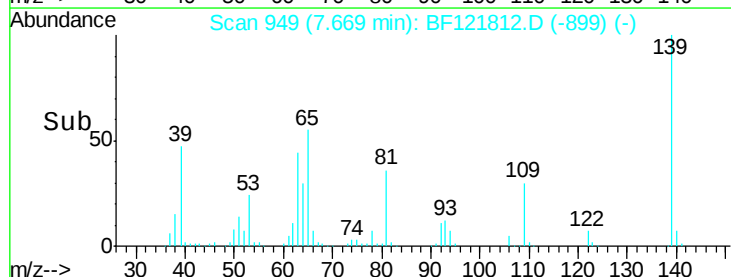
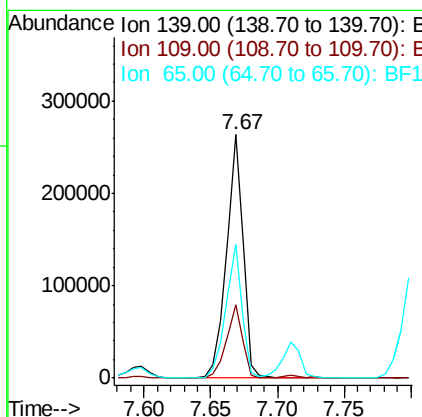
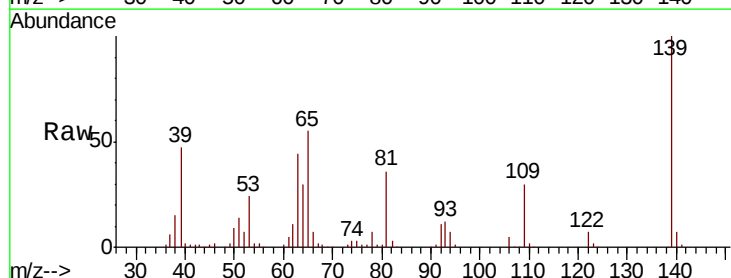
RT: 7.67 min Scan# 949

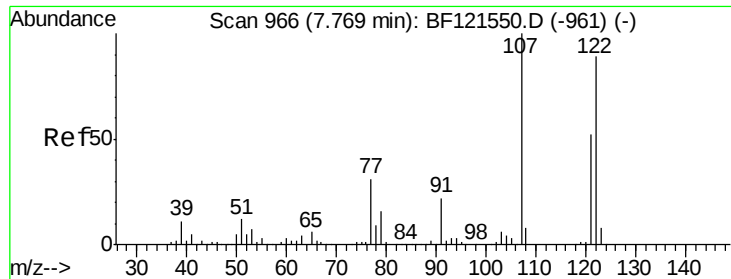
Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:	139	Resp:	234004
Ion Ratio	Lower	Upper	
139	100		
109	30.0	23.0	34.4
65	54.7	39.9	59.9





#27

2,4-Dimethylphenol

Concen: 39.173 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

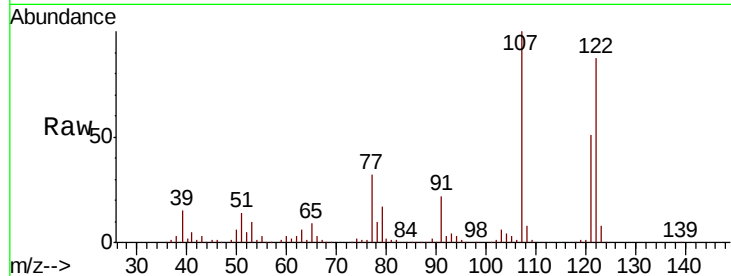
ClientSampled :

PB132057BS

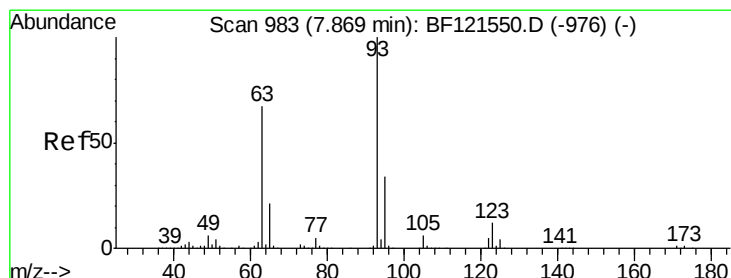
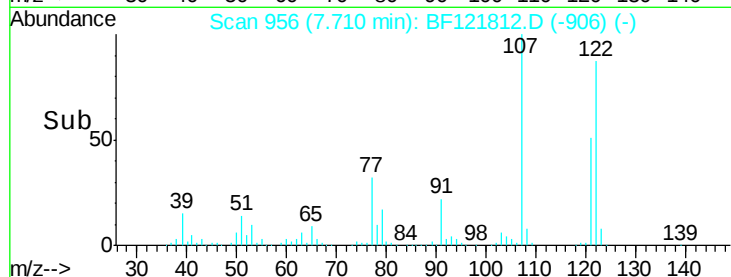
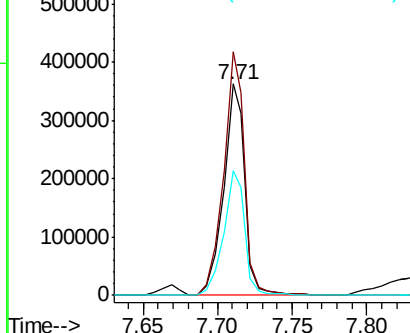
Tot Ion:	122	Resp:	363117
Ion Ratio	Lower	Upper	
122	100		
107	115.1	90.8	136.2
121	58.7	47.5	71.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.677 ng

RT: 7.80 min Scan# 972

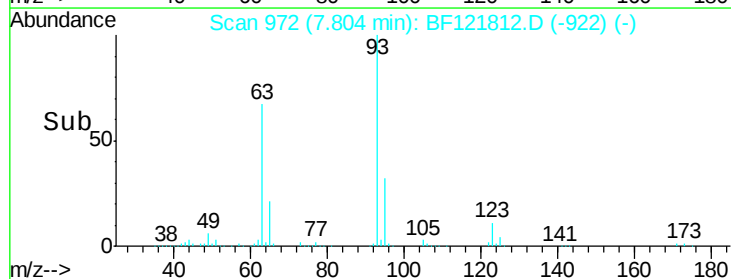
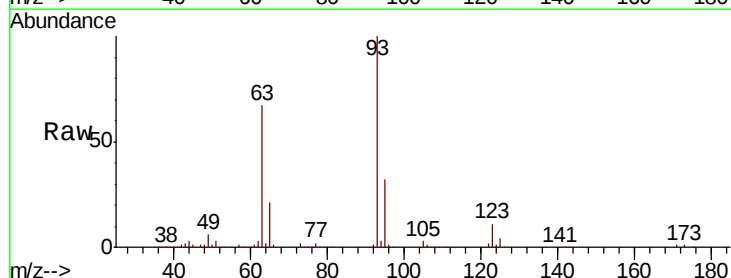
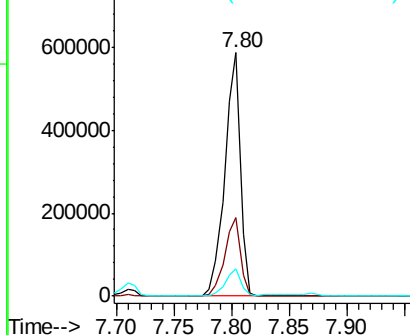
Delta R.T. -0.01 min

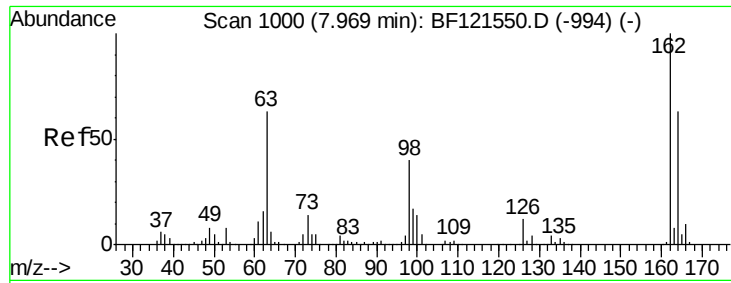
Lab File: BF121812.D

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Tgt Ion:	93	Resp:	548638
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.2	39.4
123	11.2	8.8	13.2

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





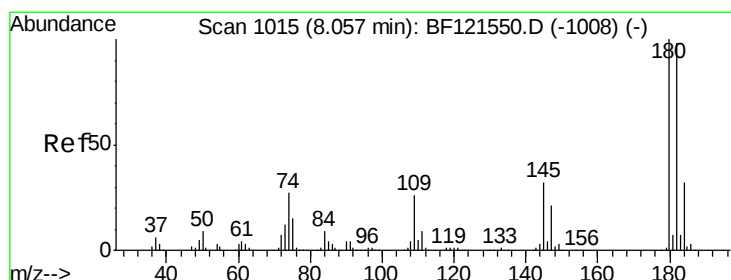
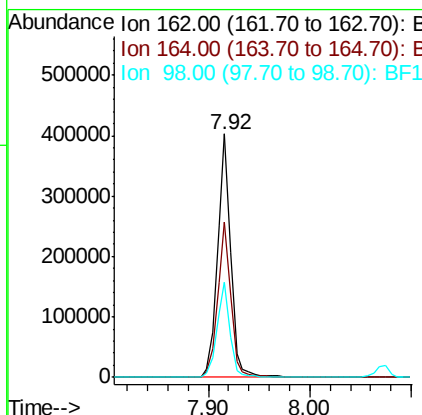
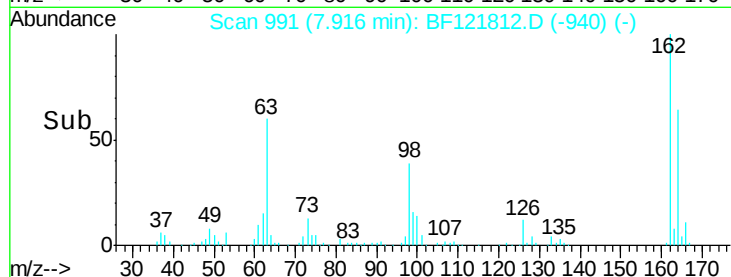
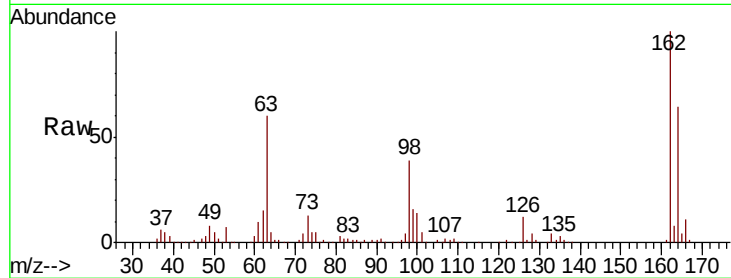
#29
2,4-Dichlorophenol
Concen: 43.088 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleID :
PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	363777		
164	63.6	42.5	82.5	
98	38.9	20.1	60.1	

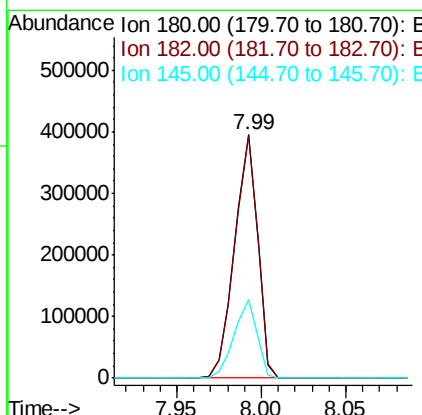
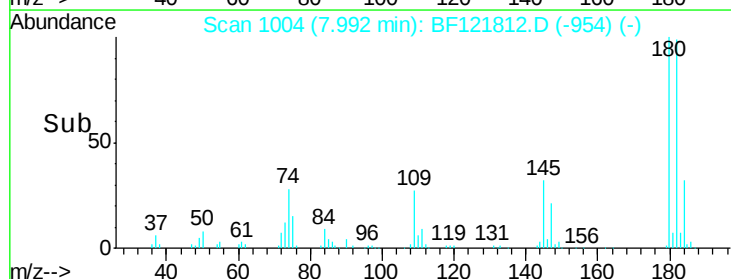
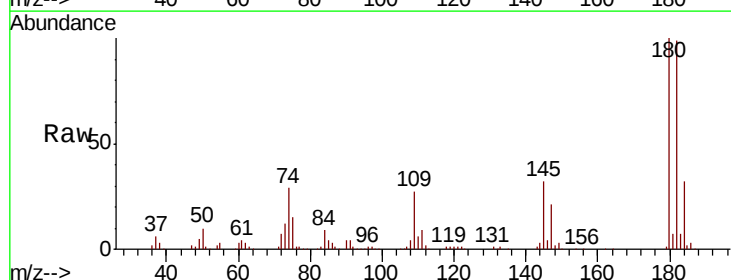
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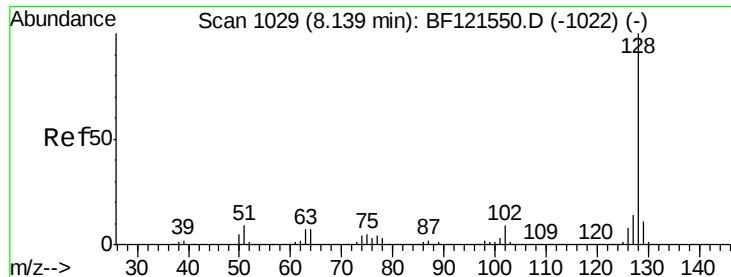
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#30
1,2,4-Trichlorobenzene
Concen: 42.052 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	373912		
182	99.3	79.4	119.2	
145	32.3	25.5	38.3	





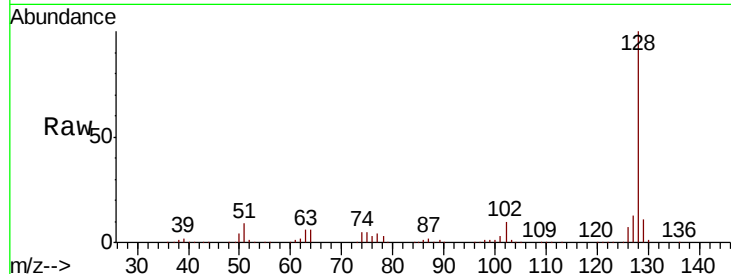
#31
Naphthalene
Concen: 41.206 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

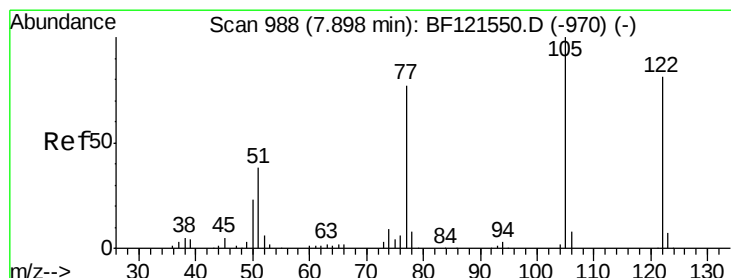
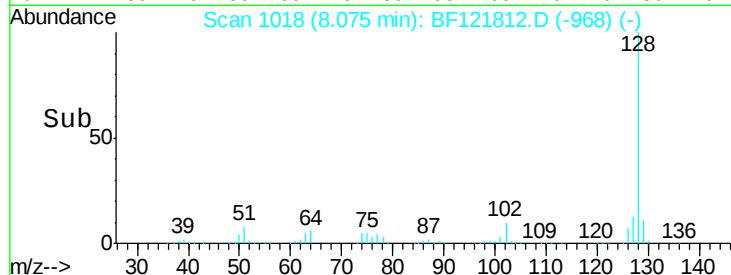
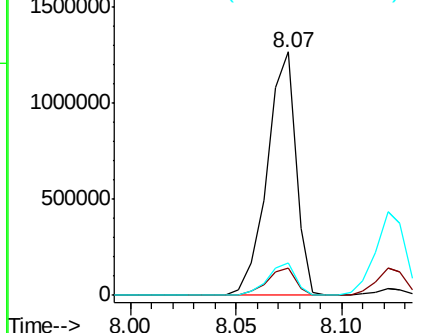
Tot Ion:128 Resp: 1204786
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2

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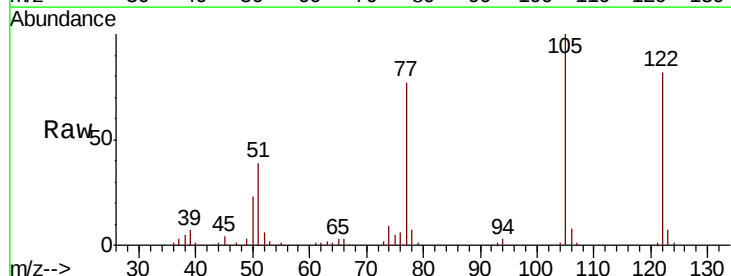


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

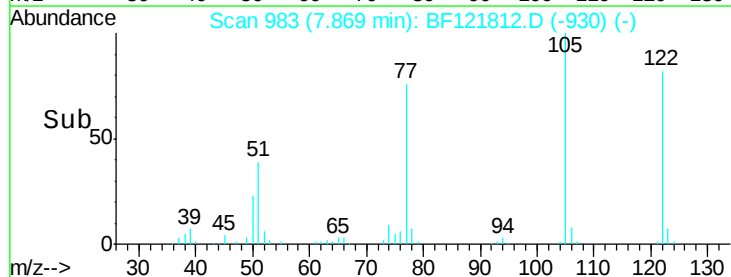
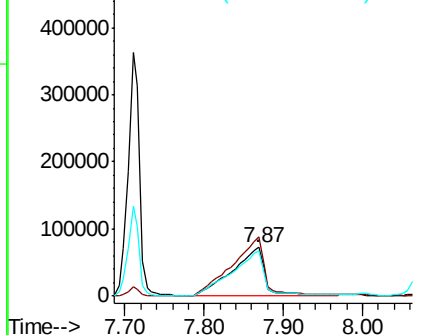


#32
Benzoic acid
Concen: 31.924 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:122 Resp: 202010
Ion Ratio Lower Upper
122 100
105 121.3 103.3 143.3
77 93.1 73.9 113.9



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





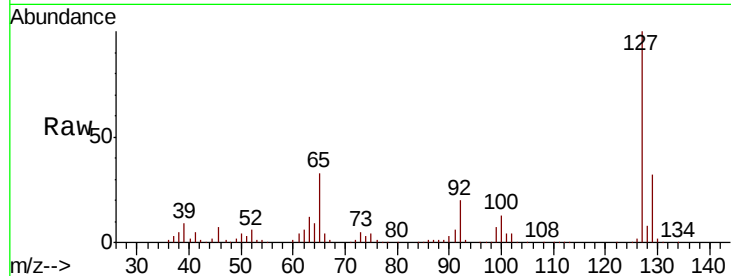
#33
4-Chloroaniline
Concen: 36.981 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

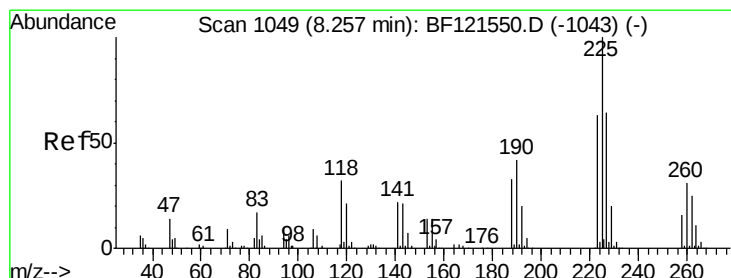
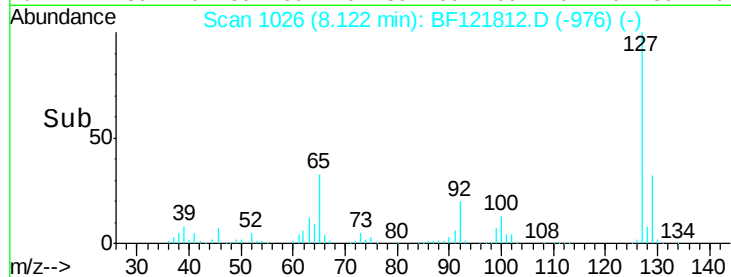
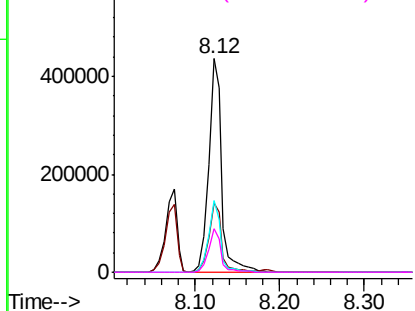
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.3	39.5		
65	33.3	26.2	39.2		
92	20.1	15.9	23.9		

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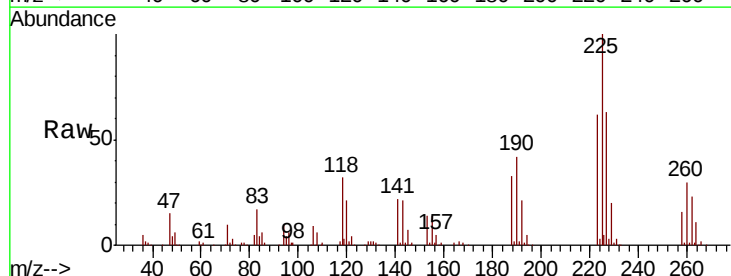


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

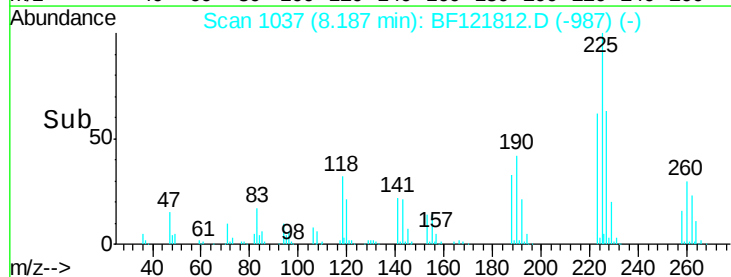
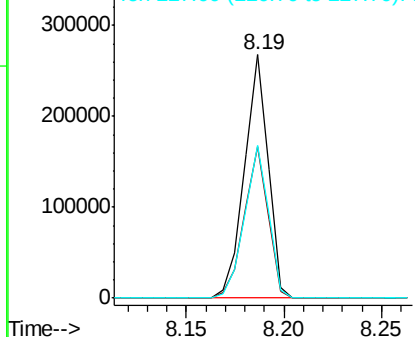


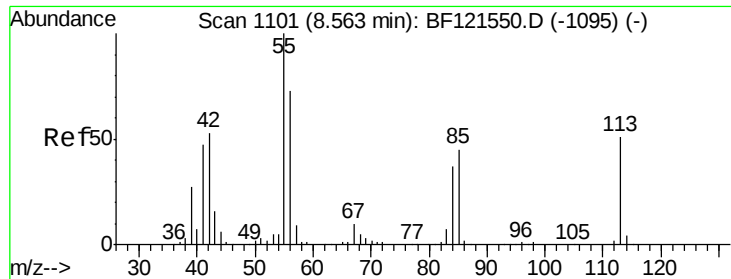
#34
Hexachlorobutadiene
Concen: 43.289 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	51.1	76.7		
227	62.7	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





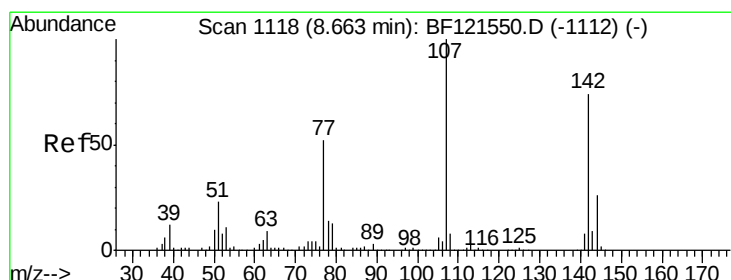
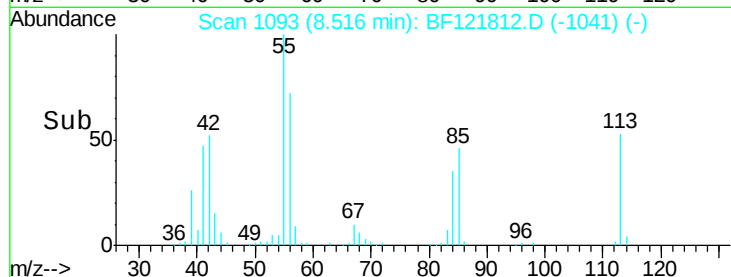
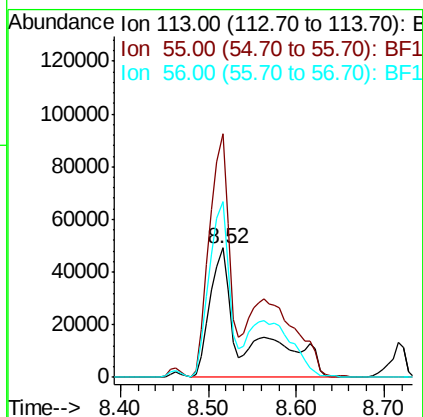
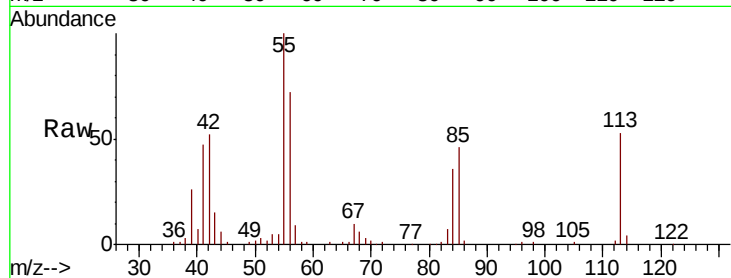
#35
 Caprolactam
 Concen: 49.420 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	188.1	167.5	207.5
56	135.4	121.2	161.2

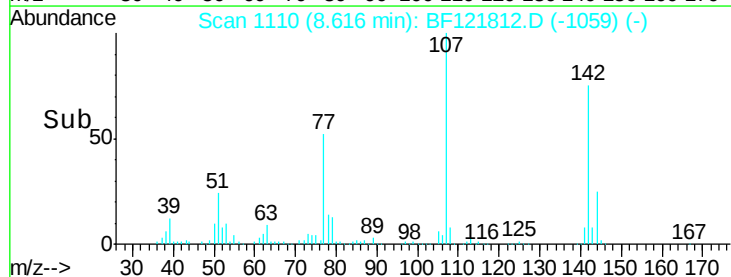
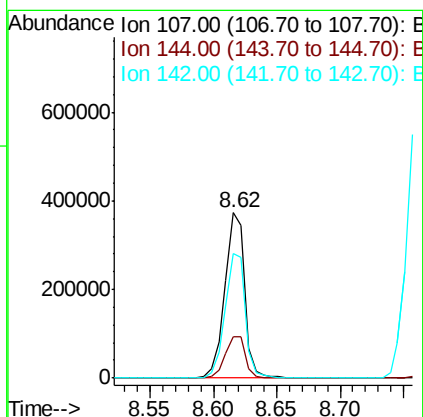
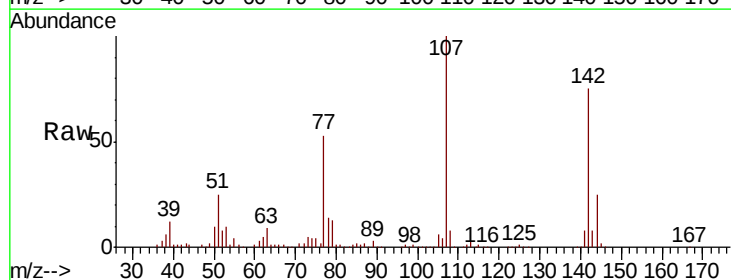
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#36
 4-Chloro-3-methylphenol
 Concen: 44.582 ng/ml
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	75.3	59.3	88.9





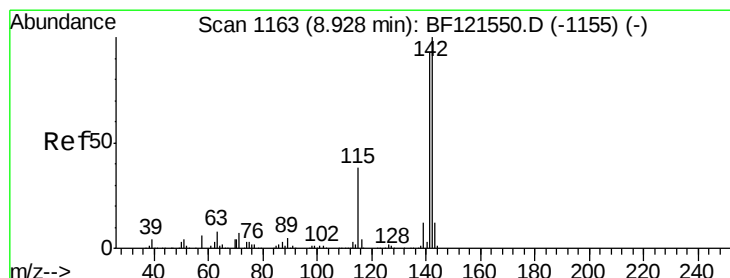
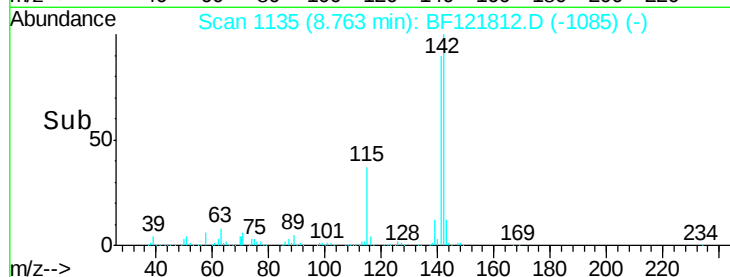
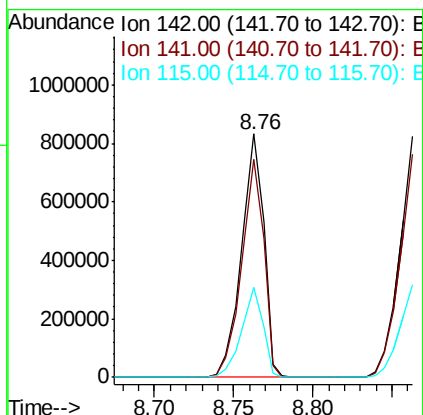
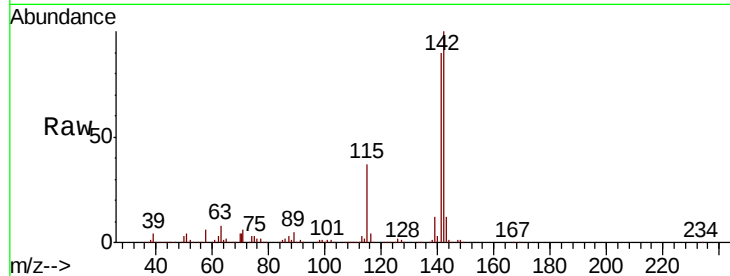
#37
2-Methylnaphthalene
Concen: 42.426 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.2	105.4
115	37.1	28.6	43.0

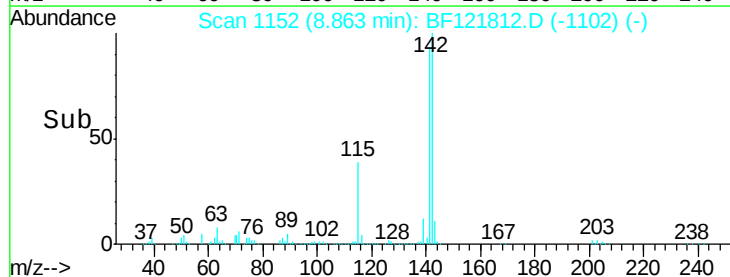
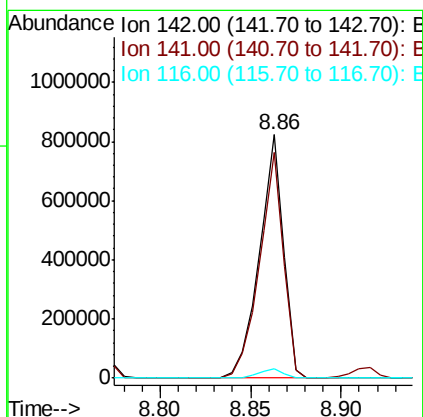
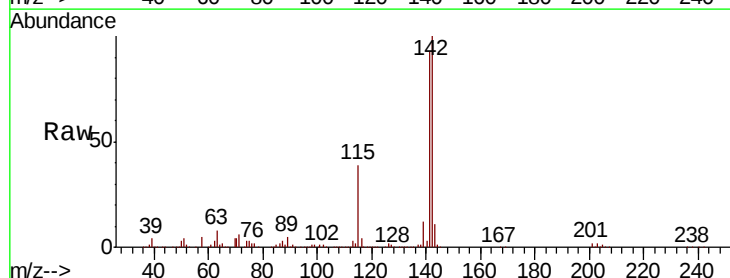
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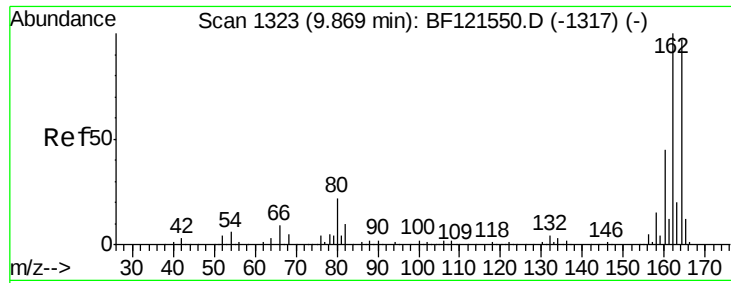
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#38
1-Methylnaphthalene
Concen: 42.518 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.5	111.7
116	3.9	3.2	4.8





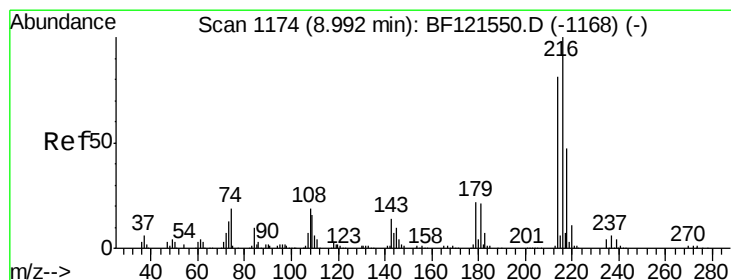
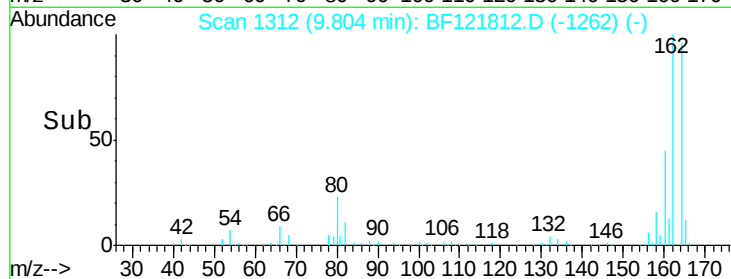
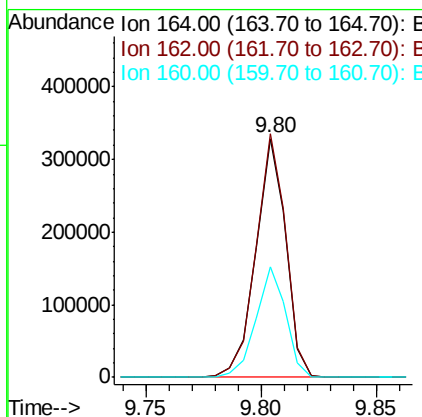
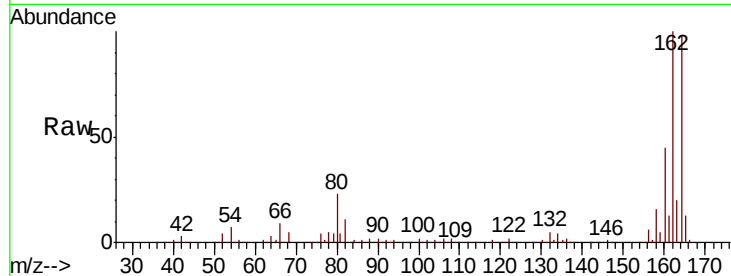
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.2	124.8
160	46.0	37.5	56.3

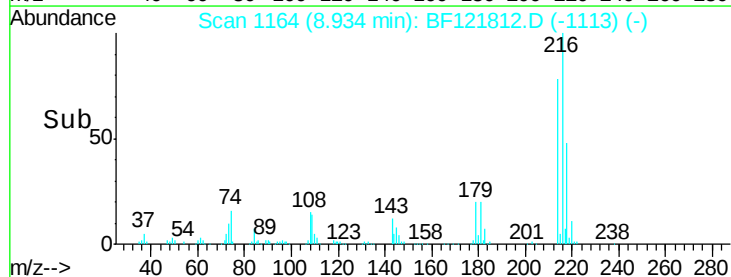
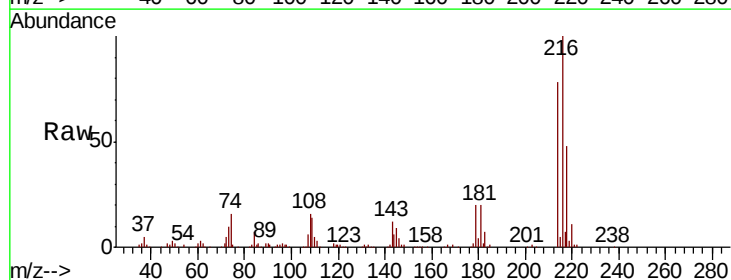
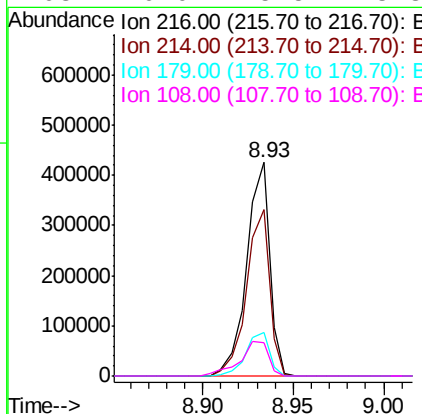
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.408 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	20.9	17.0	25.6
108	20.0	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 50.001 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

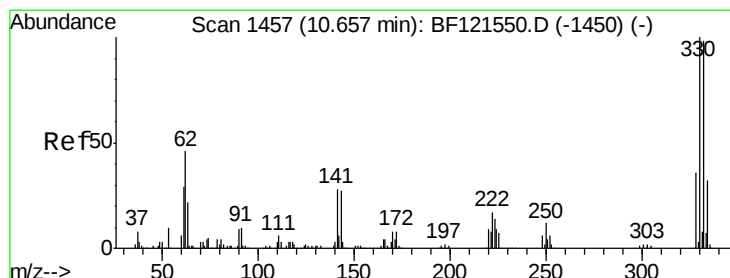
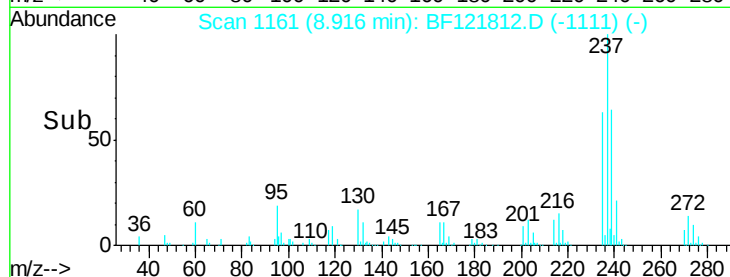
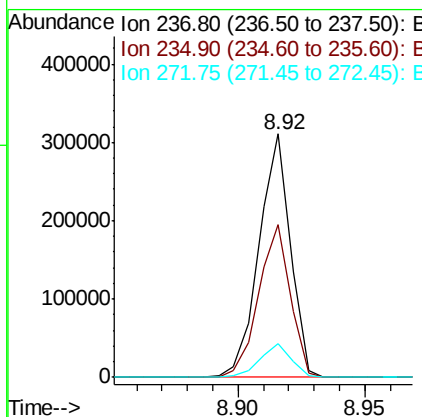
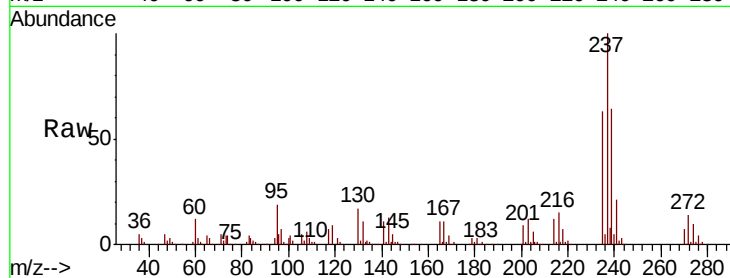
ClientSampleId :

PB132057BS

Tot Ion:	237	Resp:	266793
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.8	81.8
272	13.9	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 144.007 ng

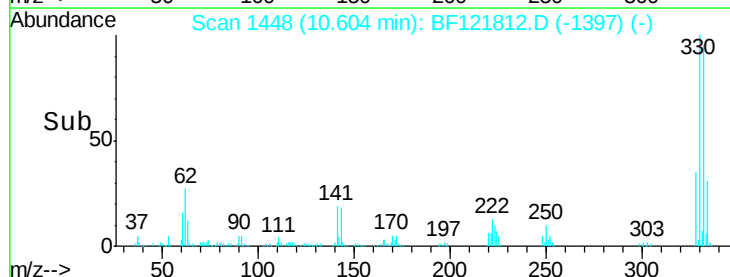
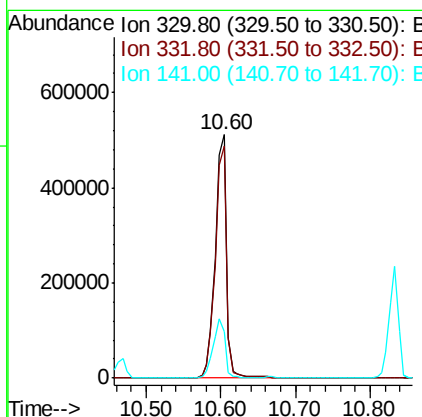
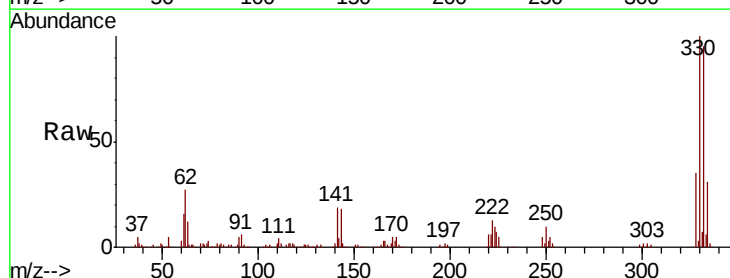
RT: 10.60 min Scan# 1448

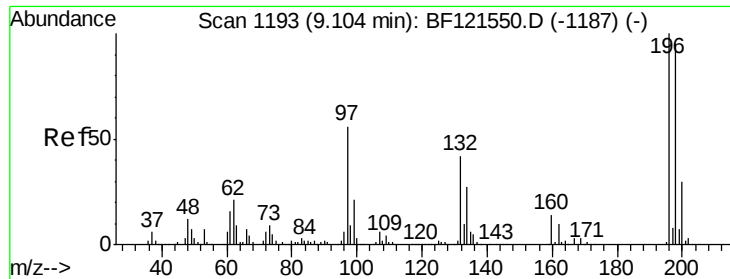
Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:	330	Resp:	535357
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.3	115.9
141	26.0	22.3	33.5





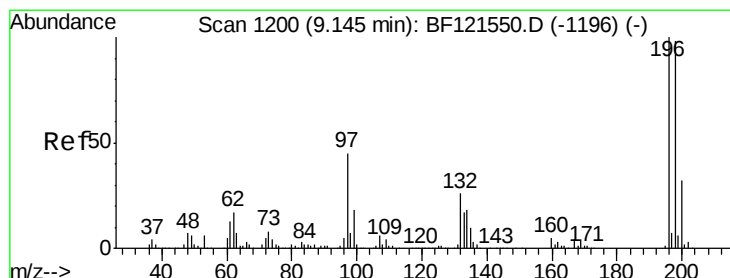
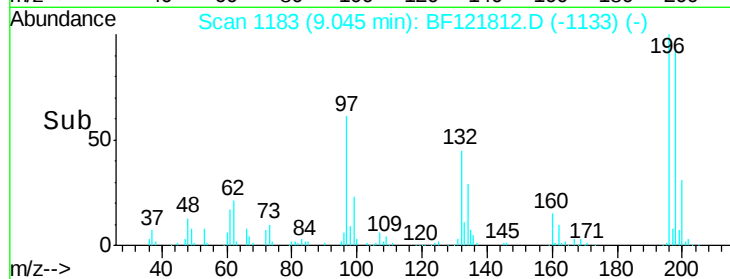
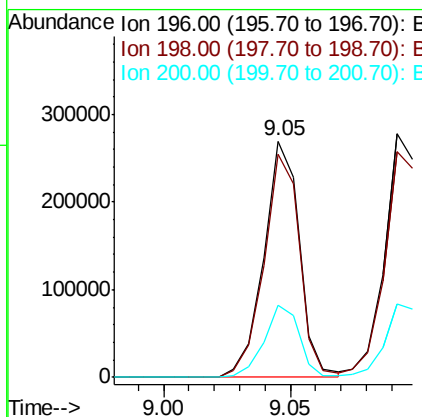
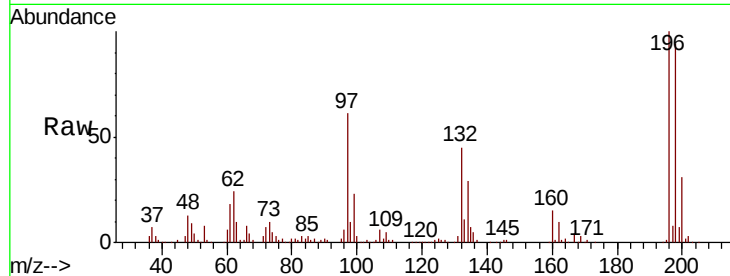
#43
 2,4,6-Trichlorophenol
 Concen: 41.314 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263112		
198	94.5	75.8	113.6	
200	30.7	24.6	36.8	

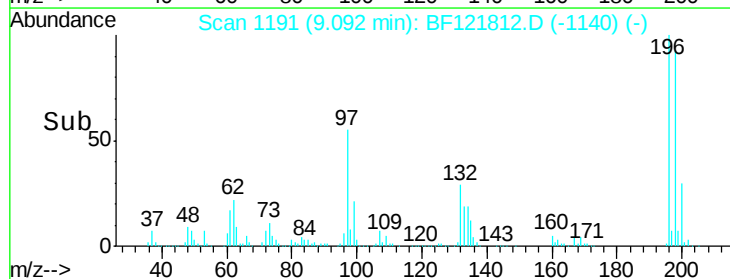
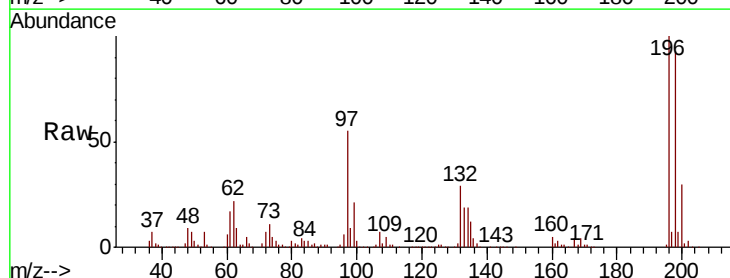
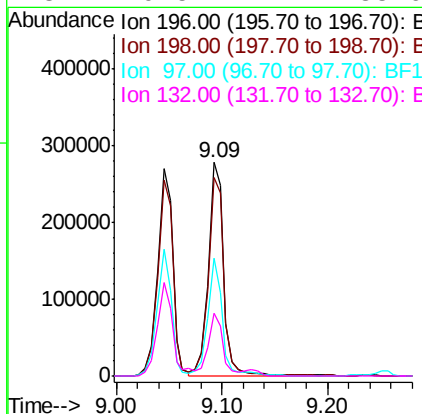
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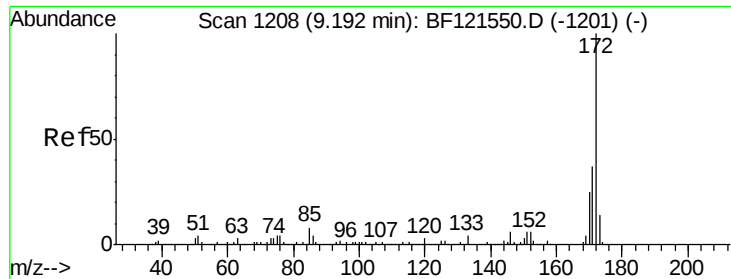
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.852 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281775		
198	92.8	76.1	114.1	
97	54.9	41.0	61.6	
132	29.5	22.4	33.6	





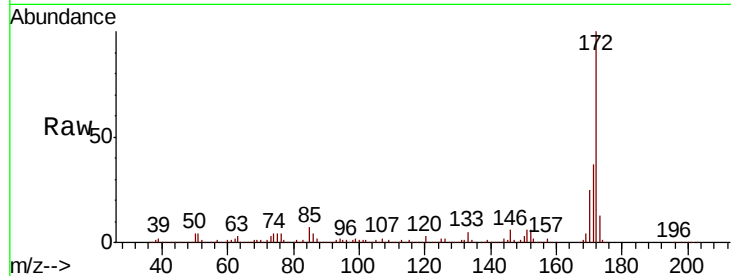
#45
2-Fluorobiphenyl
Concen: 88.936 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	24.5	19.8	29.6

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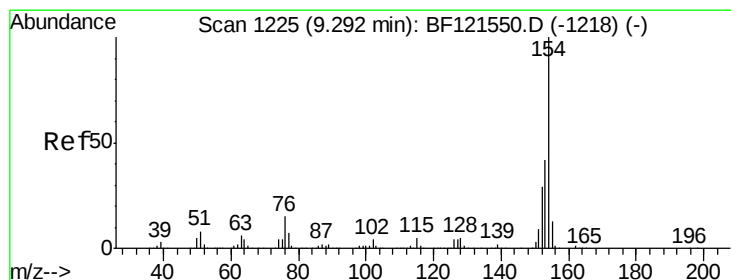
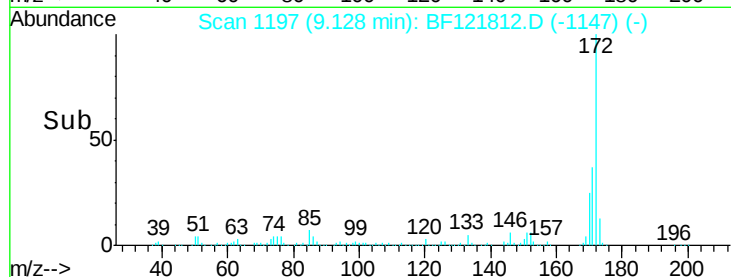
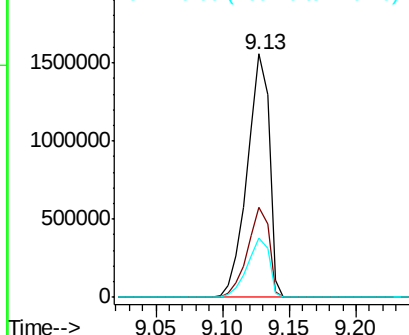


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.137 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

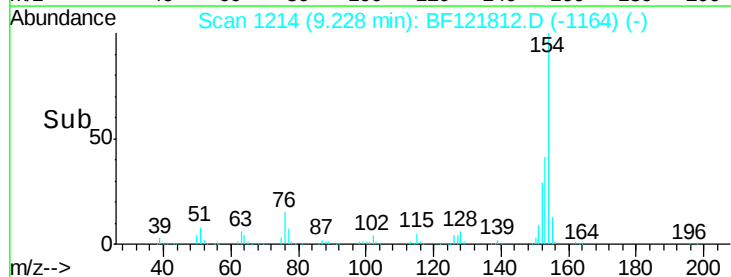
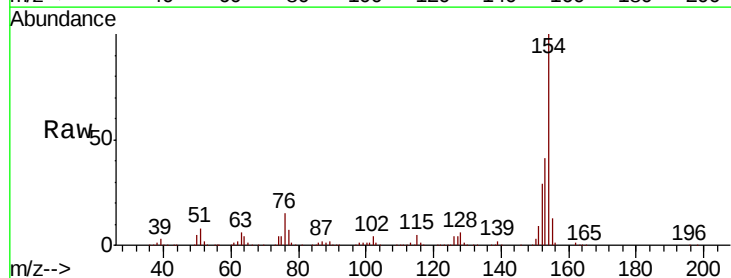
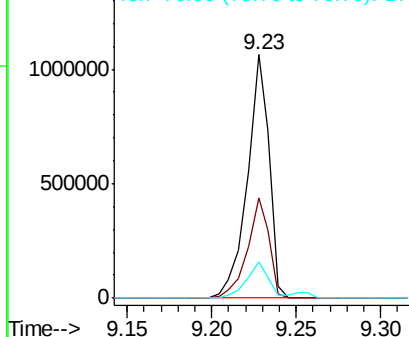
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	14.8	0.0	34.7

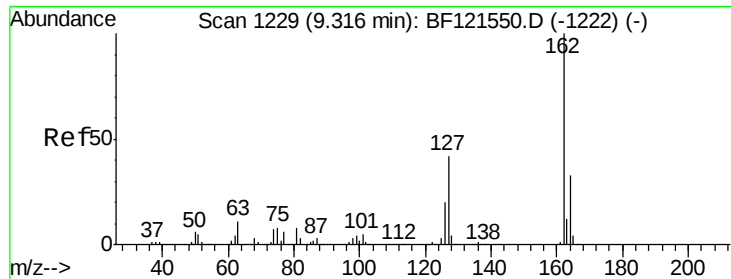
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





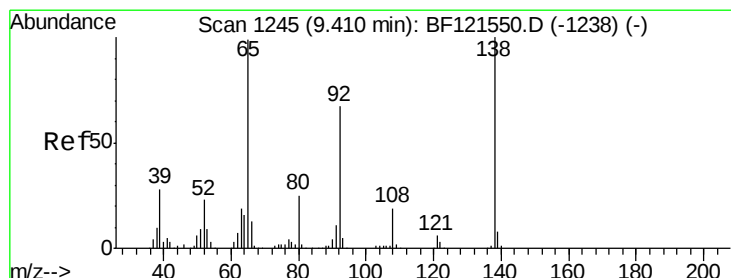
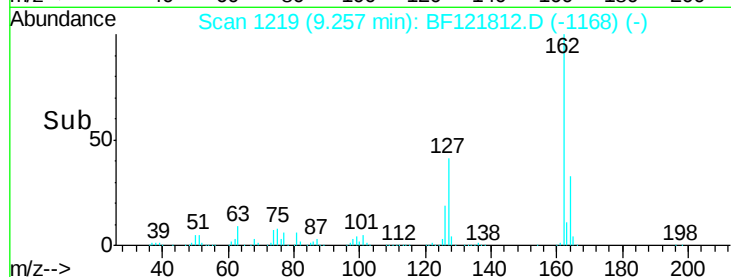
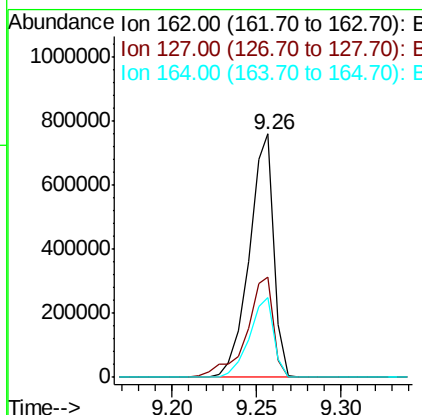
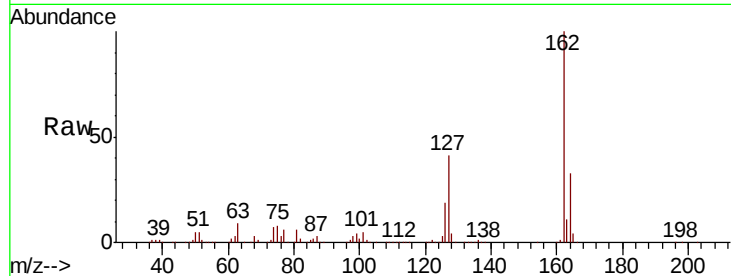
#47
2-Chloronaphthalene
Concen: 40.624 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	766583		
127	41.2		34.4	51.6
164	33.0		26.3	39.5

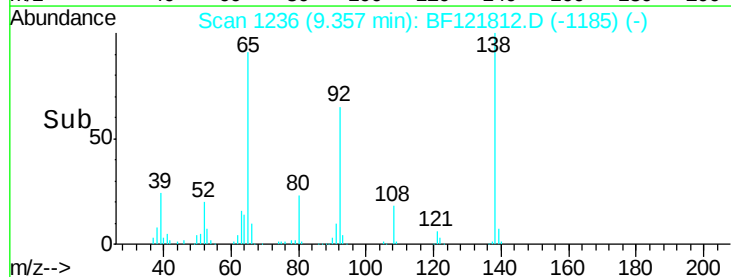
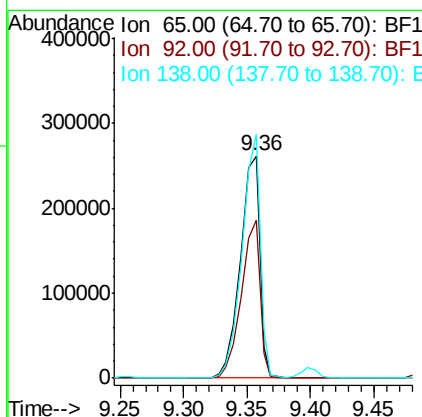
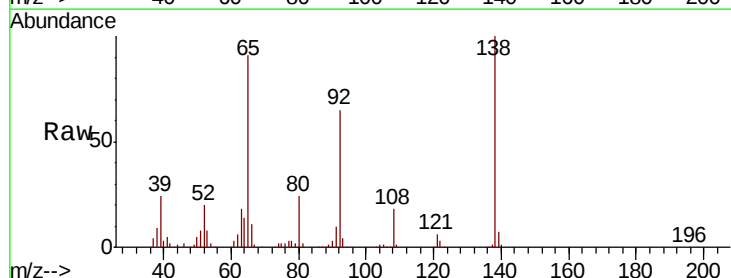
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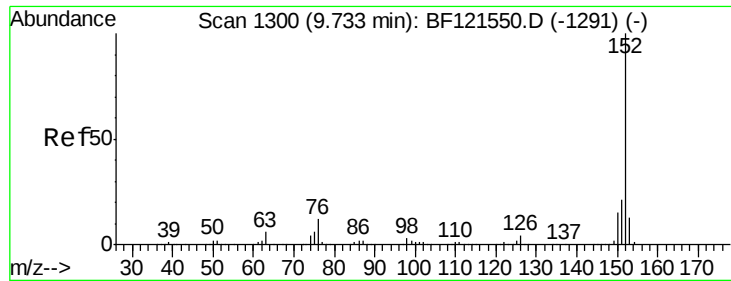
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#48
2-Nitroaniline
Concen: 47.127 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	276350		
92	71.0		55.1	82.7
138	109.6		80.5	120.7





#49

Acenaphthylene

Concen: 40.437 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

Tot Ion:152 Resp: 1172413

Ion Ratio Lower Upper

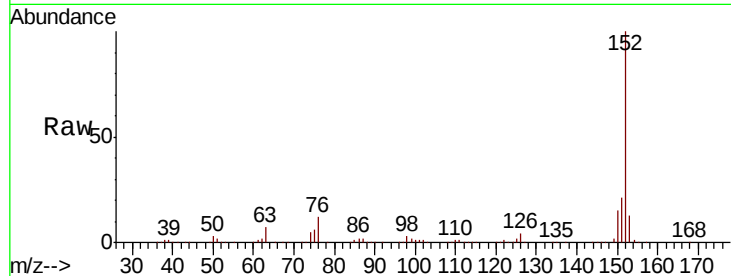
152 100

151 20.9 16.4 24.6

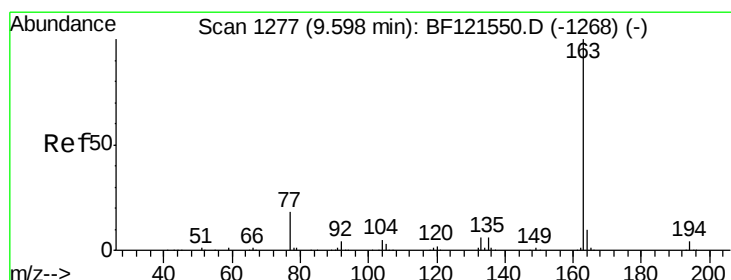
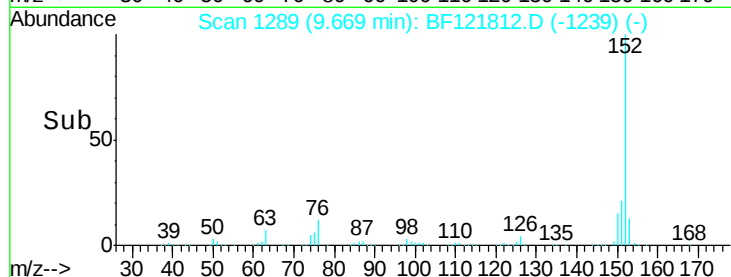
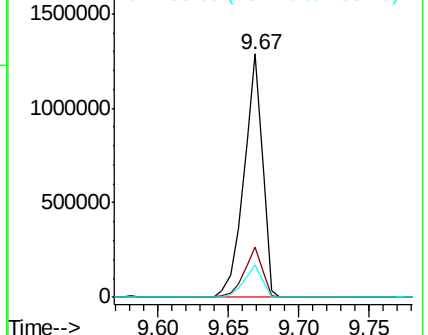
153 13.4 10.6 15.8

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



#50

Dimethylphthalate

Concen: 44.669 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

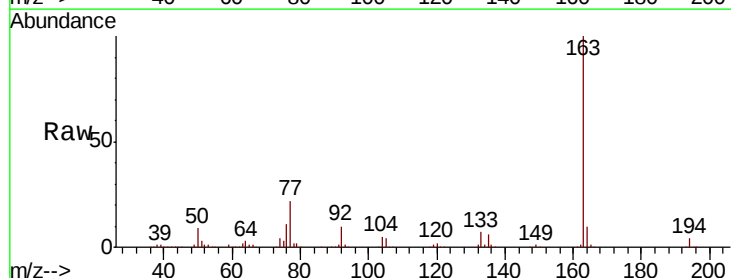
Tgt Ion:163 Resp: 968385

Ion Ratio Lower Upper

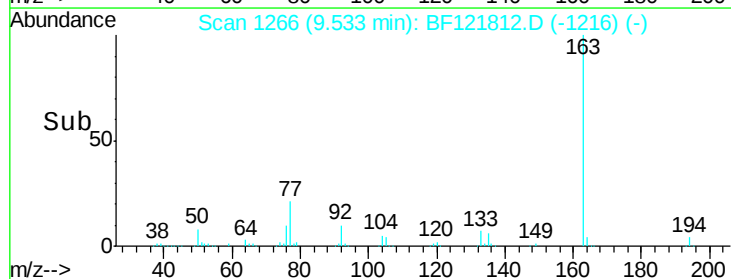
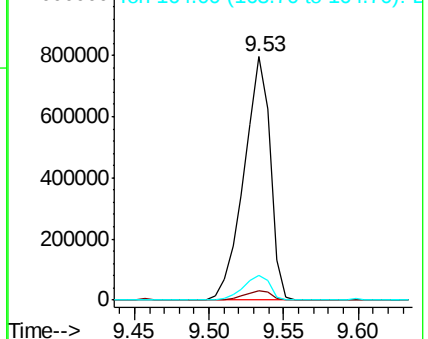
163 100

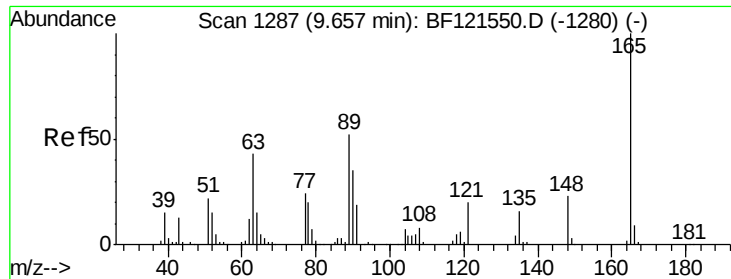
194 3.9 3.3 4.9

164 10.3 8.2 12.4



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





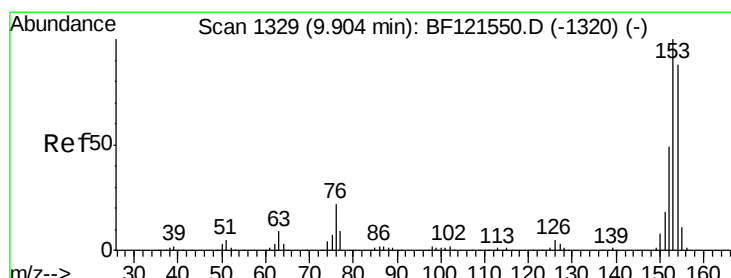
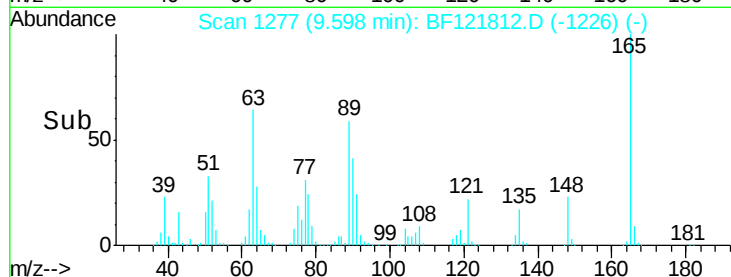
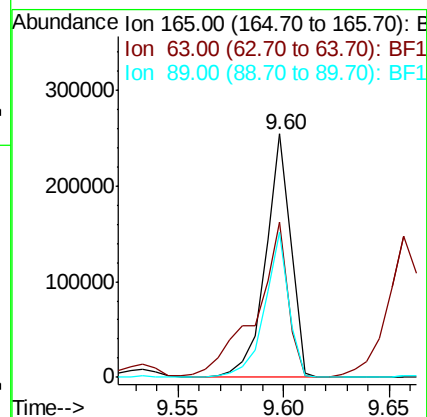
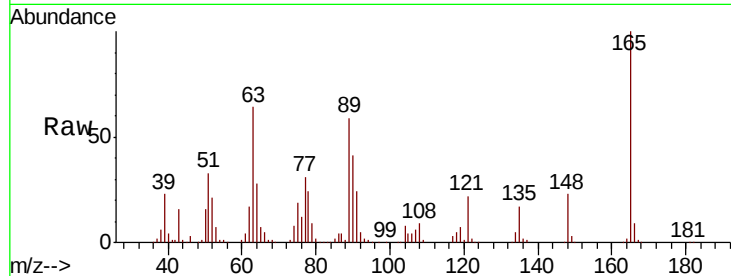
#51
2,6-Dinitrotoluene
Concen: 45.859 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211732		
63	63.9	51.8	77.6	
89	59.5	49.0	73.6	

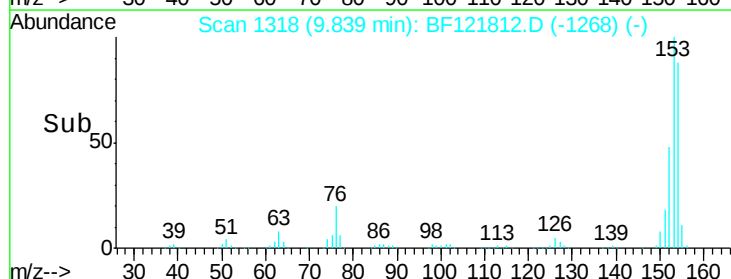
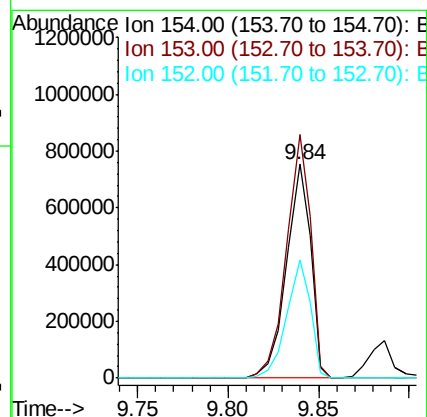
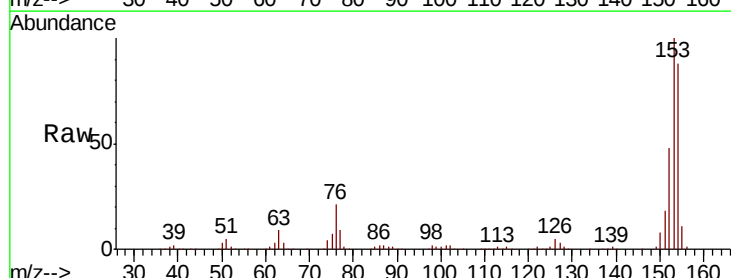
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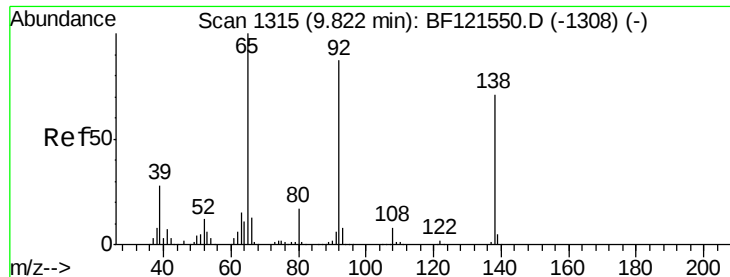
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#52
Acenaphthene
Concen: 38.434 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	703830		
153	113.9	89.8	134.8	
152	55.2	43.2	64.8	





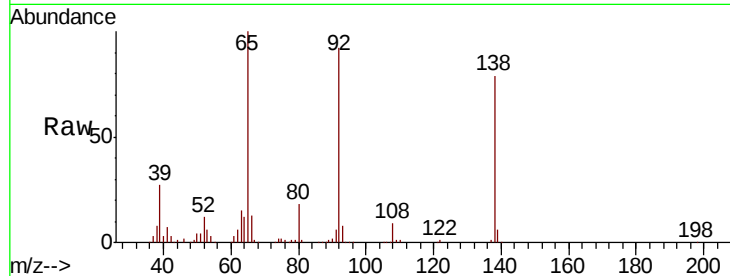
#53
3-Nitroaniline
Concen: 36.251 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

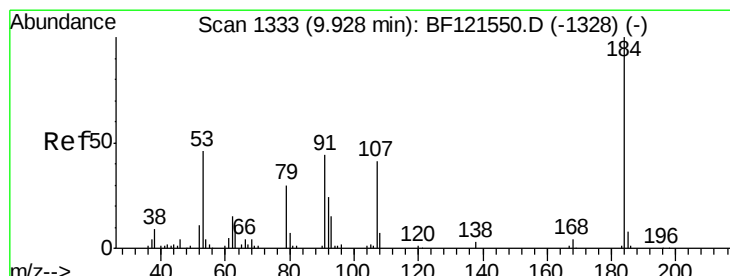
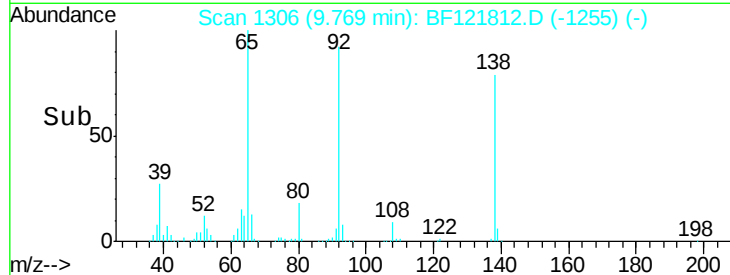
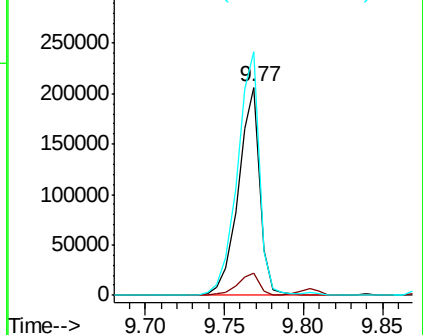
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	13.0
92	117.0	96.6	144.8

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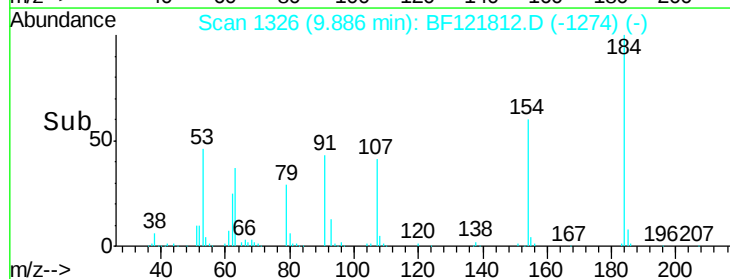
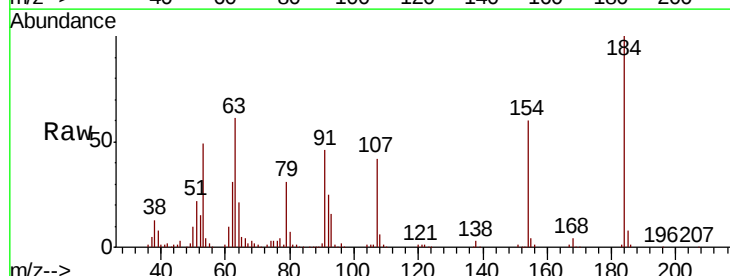
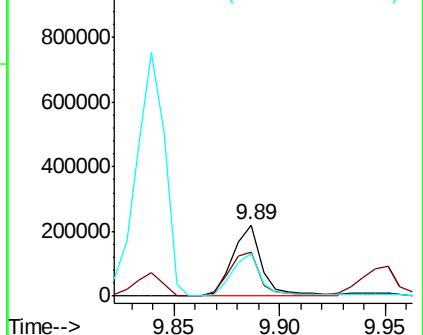
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 79.722 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	45.9	68.9
154	59.7	45.8	68.6

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





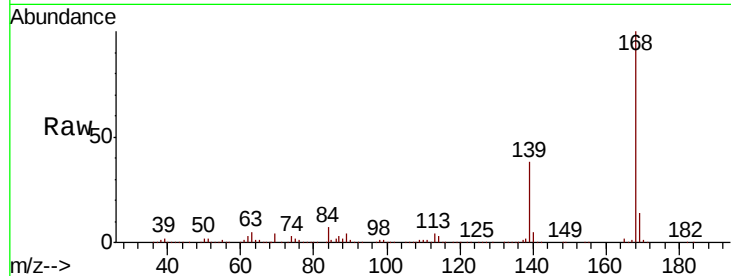
#55
Dibenzenofuran
Concen: 39.921 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

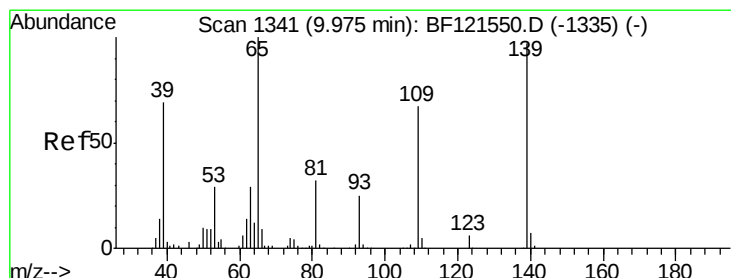
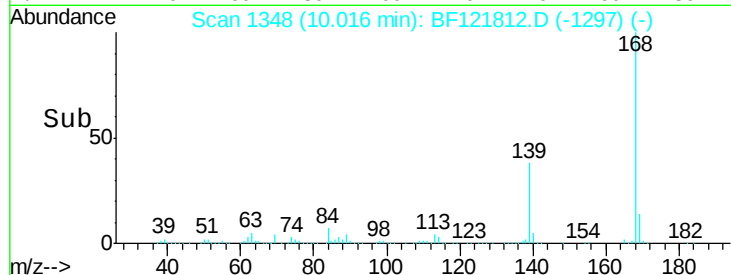
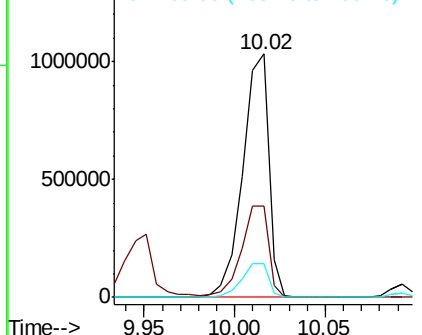
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.6
169	13.8	11.3	16.9

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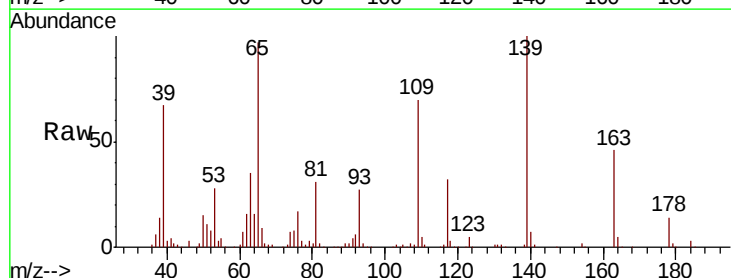


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

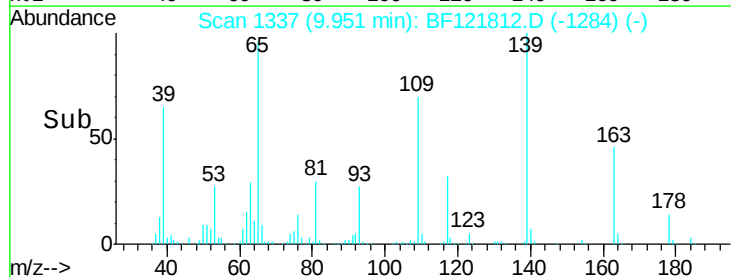
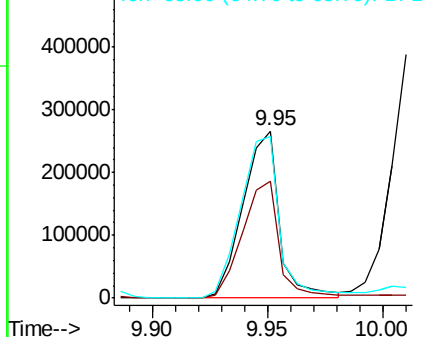


#56
4-Nitrophenol
Concen: 69.028 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.4	85.4
65	96.7	68.4	108.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





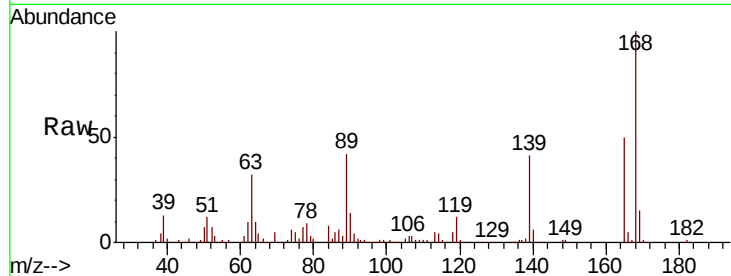
#57
2,4-Dinitrotoluene
Concen: 45.542 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

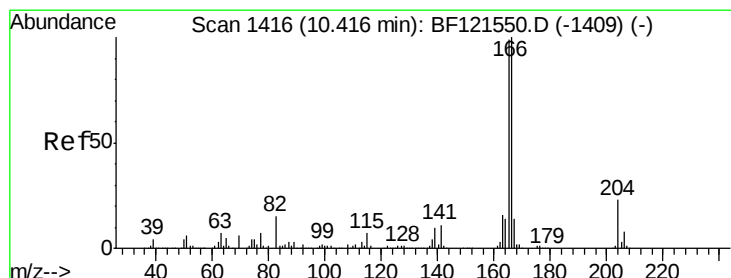
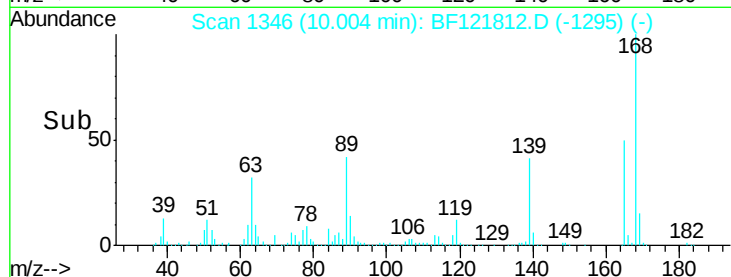
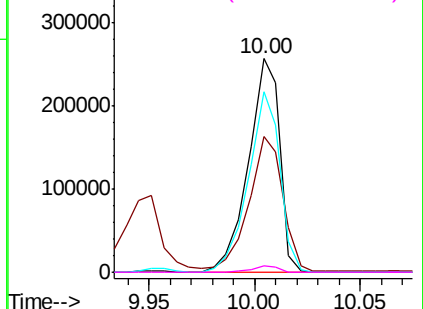
Tot Ion	Ratio	Resp	Lower	Upper
165	100	264531		
63	63.5	41.3	61.9	#
89	84.3	61.8	92.8	
182	2.7	2.1	3.1	

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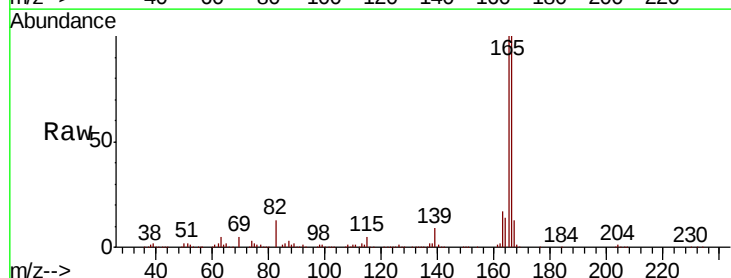


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

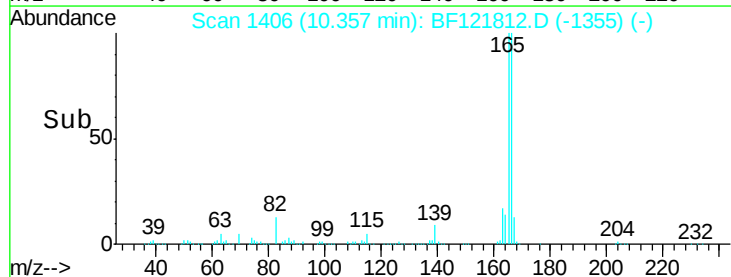
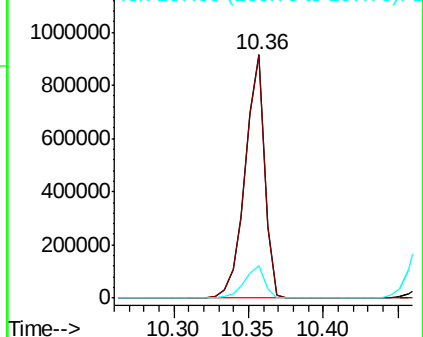


#58
Fluorene
Concen: 42.014 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	828586		
165	99.6	79.1	118.7	
167	13.2	11.0	16.6	



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





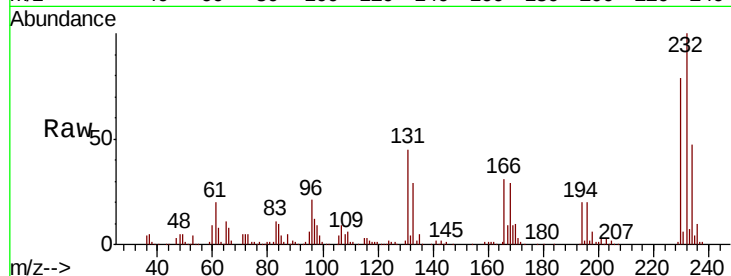
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.359 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	237322		
131	42.8	35.9	53.9	
130	2.2	1.8	2.6	
166	29.2	23.5	35.3	

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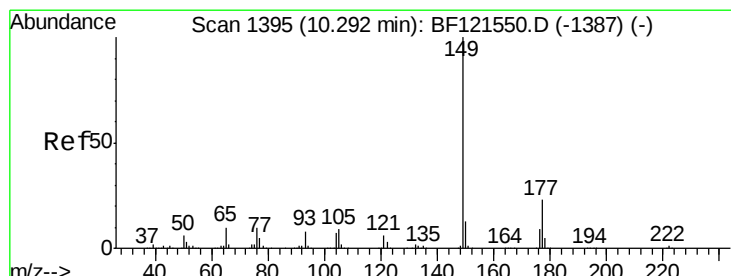
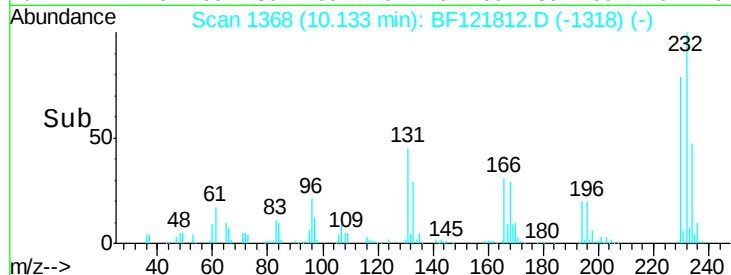
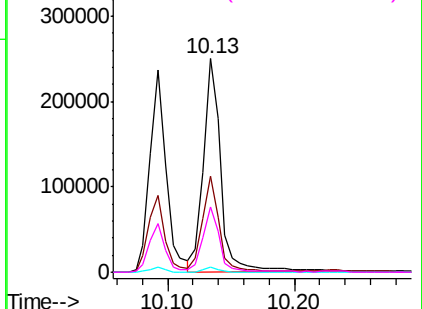
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

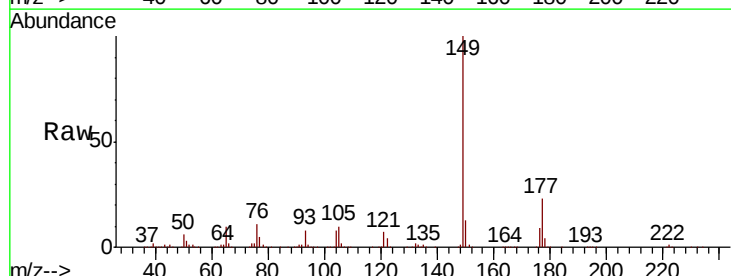
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.833 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	926491		
177	22.7	18.1	27.1	
150	12.8	10.3	15.5	

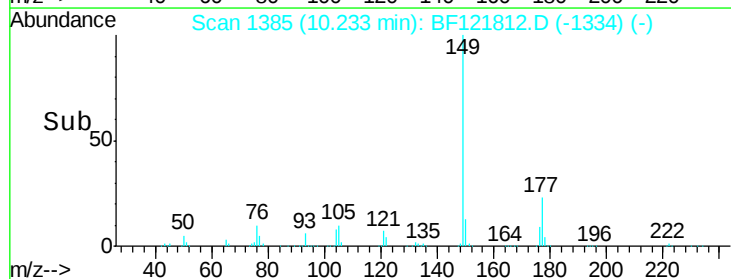
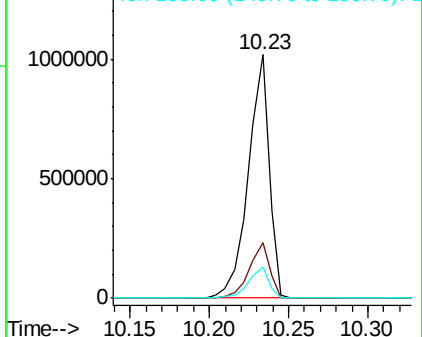


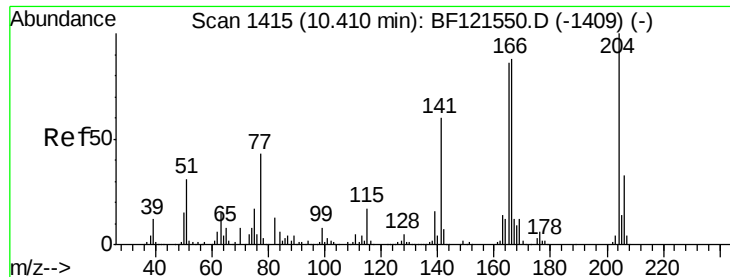
Abundance

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





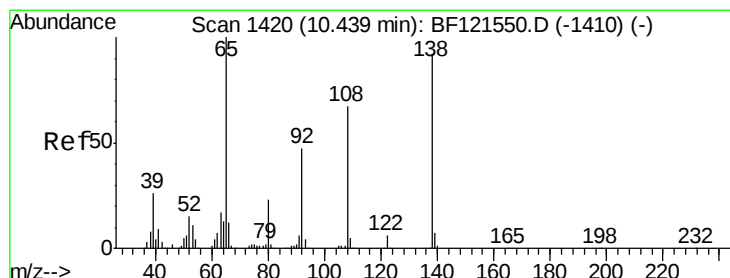
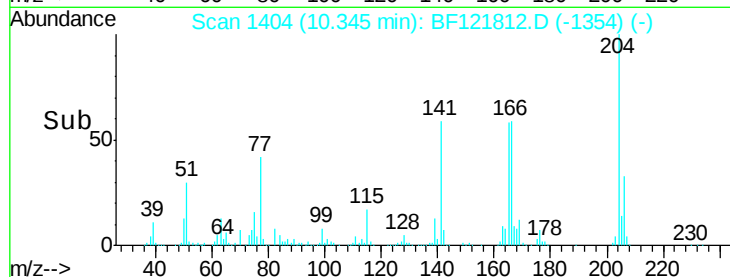
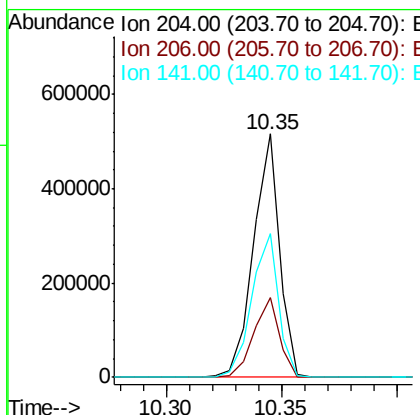
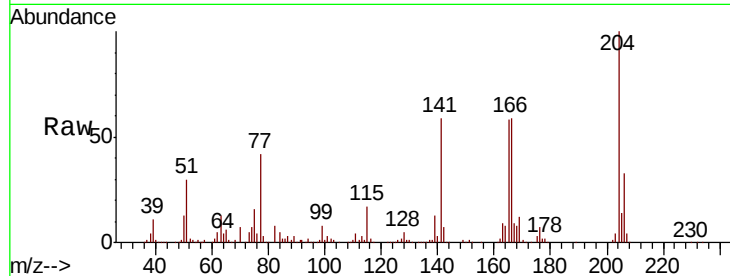
#61
4-Chlorophenyl-phenylether
Concen: 43.314 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	59.0	46.2	69.4

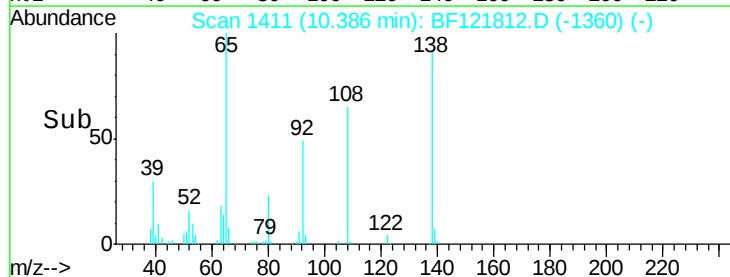
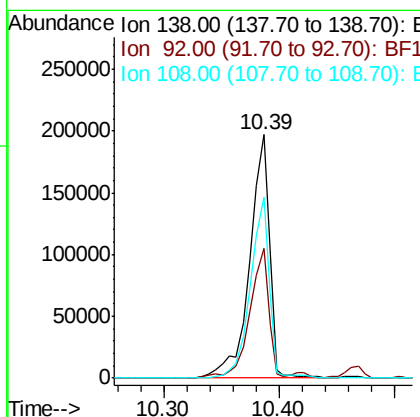
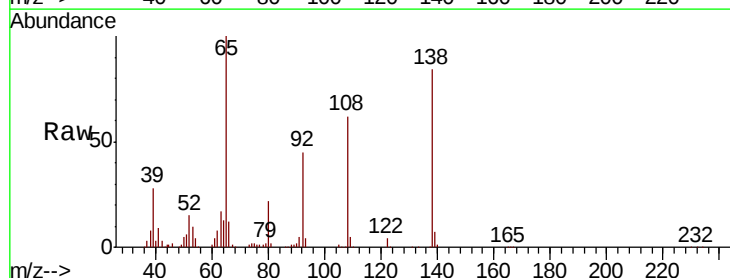
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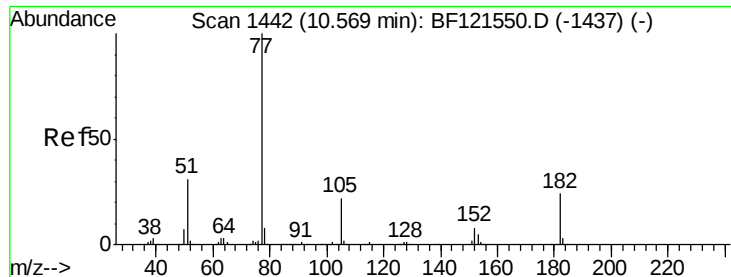
mohammad
10/7/2020 10:35:51 AM



#62
4-Nitroaniline
Concen: 44.513 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	31.0	71.0
108	74.1	51.5	91.5





#63

Azobenzene

Concen: 42.913 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

ClientSampleId :

PB132057BS

Tot Ion: 77 Resp: 965926

Ion Ratio Lower Upper

77 100

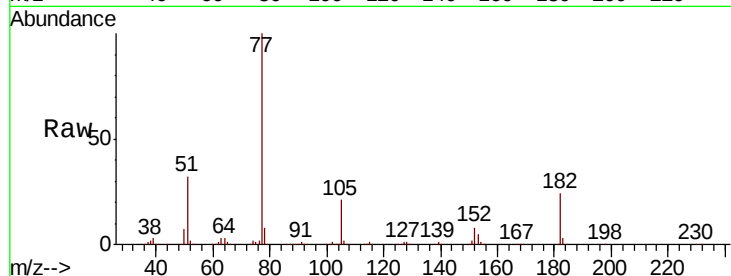
182 23.8 3.4 43.4

105 21.3 1.7 41.7

51 31.8 11.6 51.6

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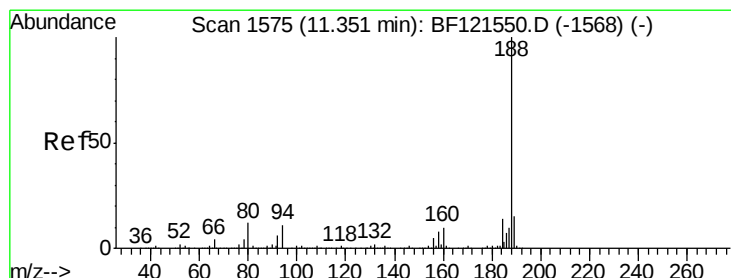
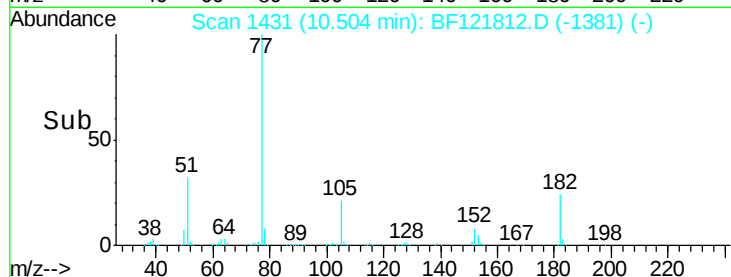
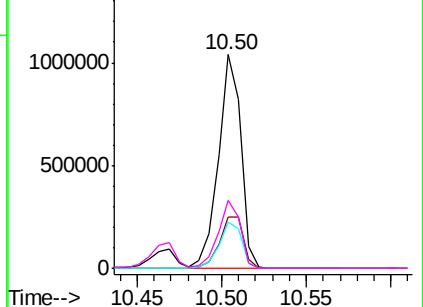


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

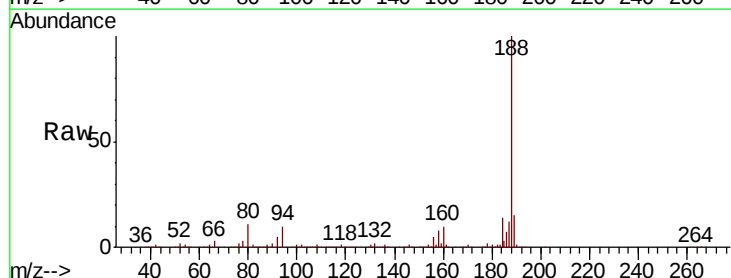
Tgt Ion: 188 Resp: 566224

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

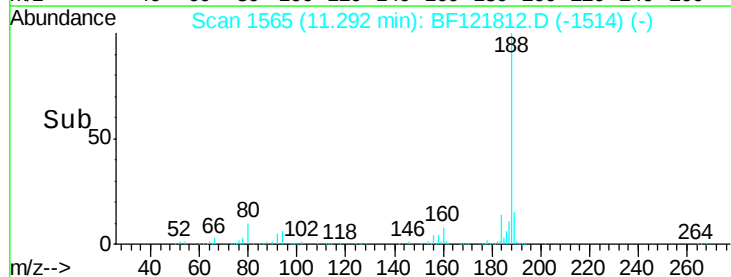
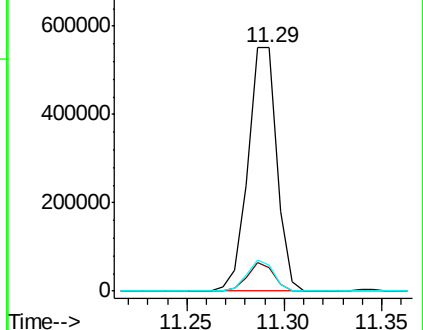
80 10.6 9.1 13.7

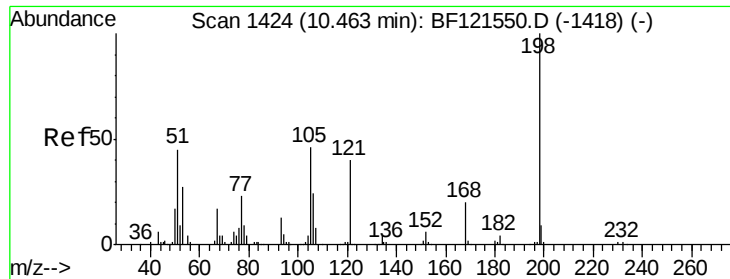


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





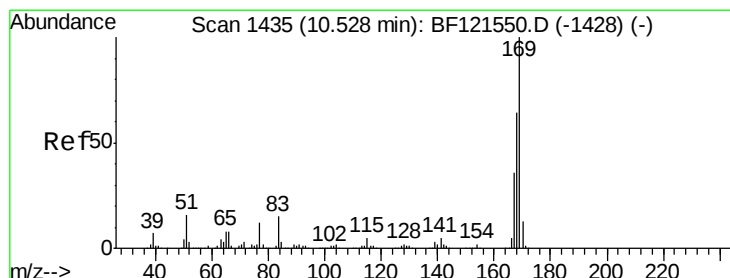
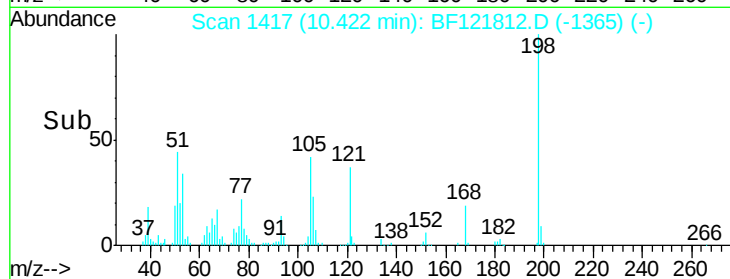
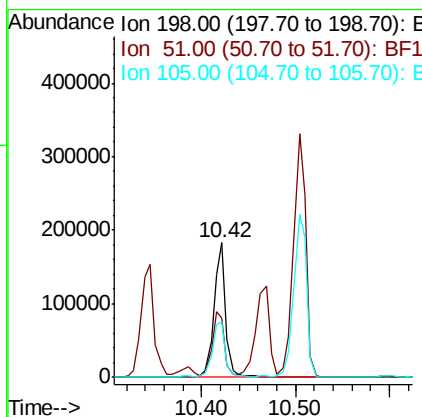
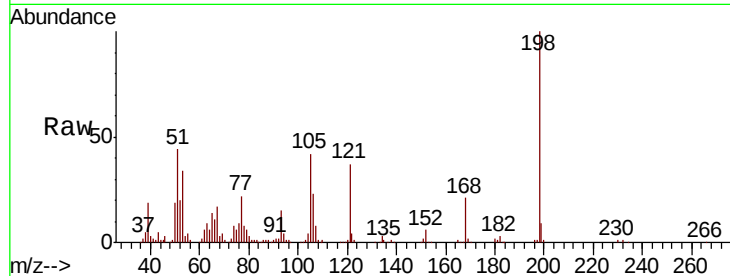
#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.324 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	164037		
51	44.4	29.6	69.6	
105	41.5	24.4	64.4	

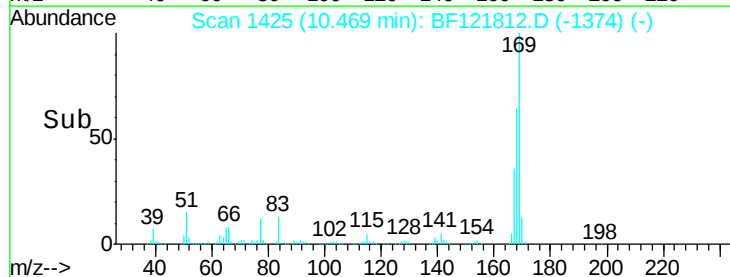
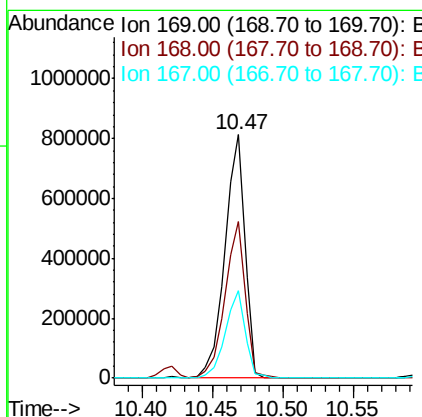
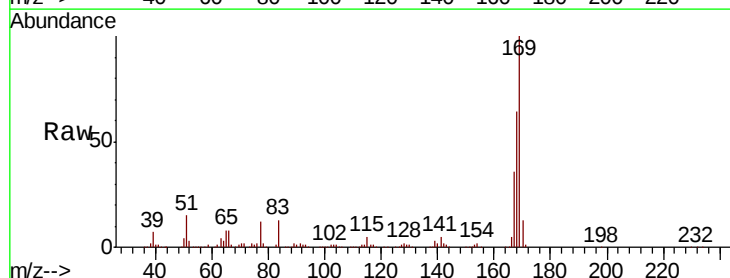
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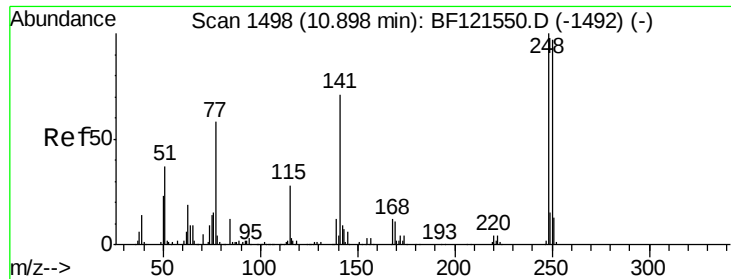
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 41.386 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	803963		
168	64.5	50.0	75.0	
167	35.8	27.8	41.6	





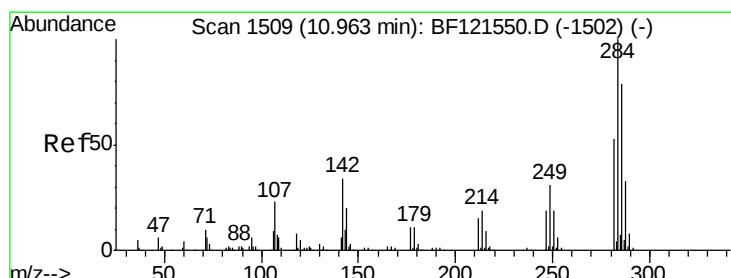
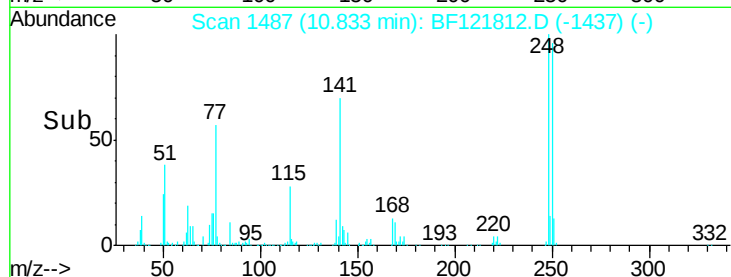
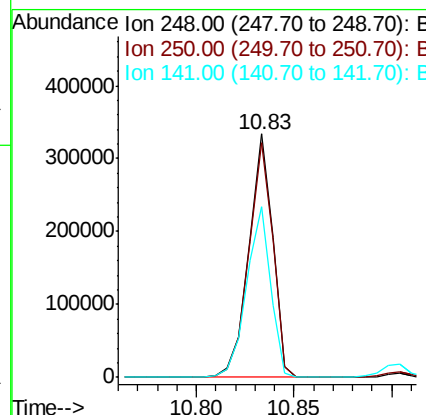
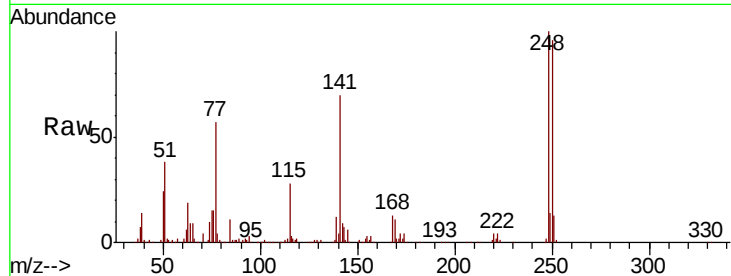
#67
4-Bromophenyl-phenylether
Concen: 43.930 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.6
141	70.1	53.7	80.5

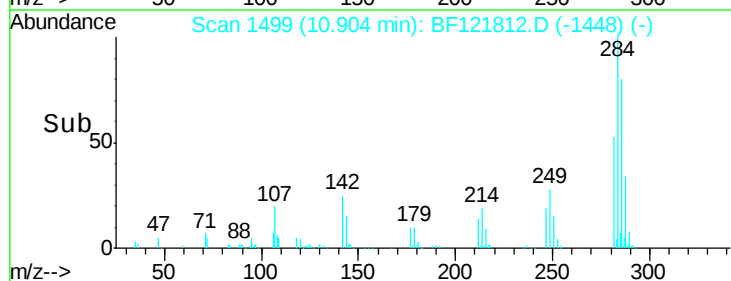
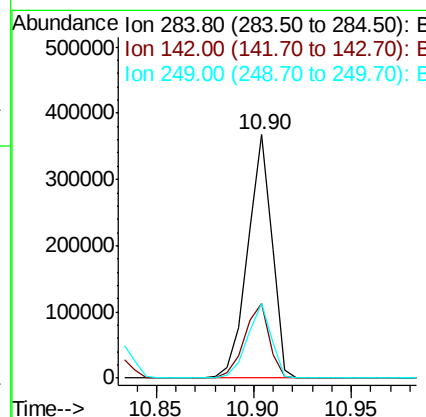
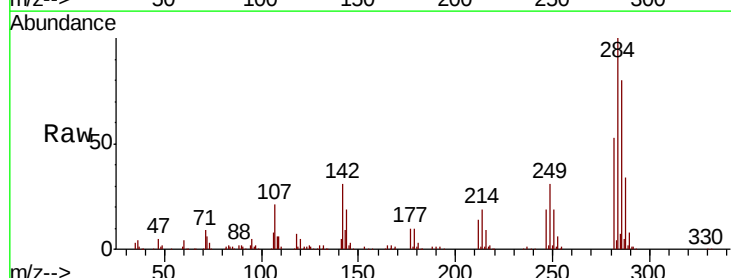
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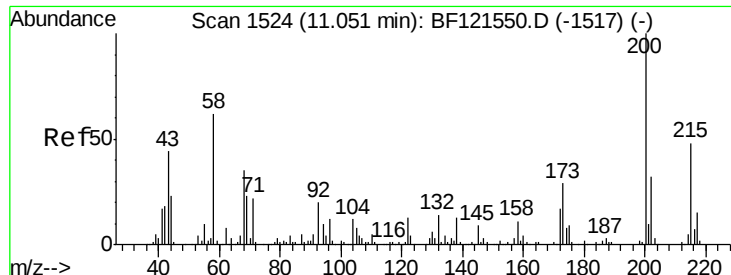
mohammad
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#68
Hexachlorobenzene
Concen: 43.505 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	27.4	41.2
249	30.7	24.2	36.4





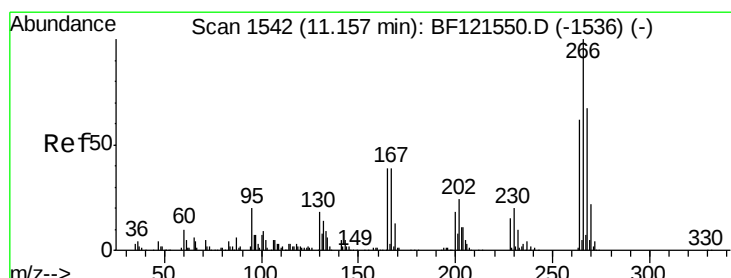
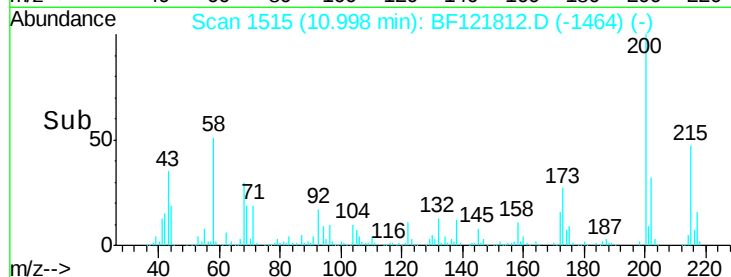
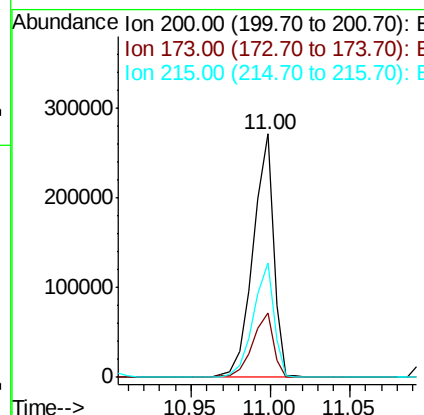
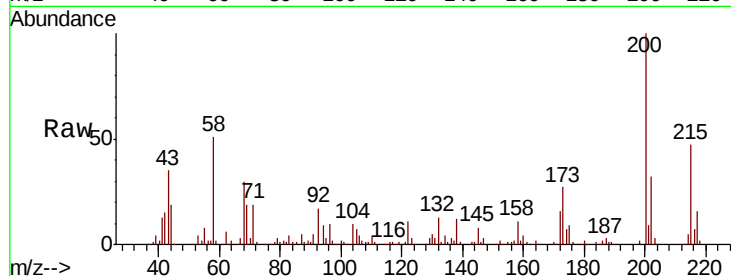
#69
Atrazine
Concen: 50.349 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.5	47.5
215	46.9	27.1	67.1

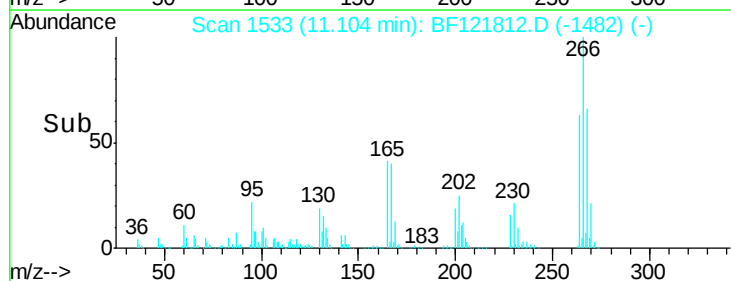
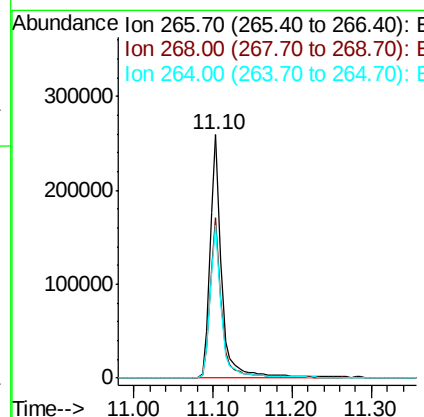
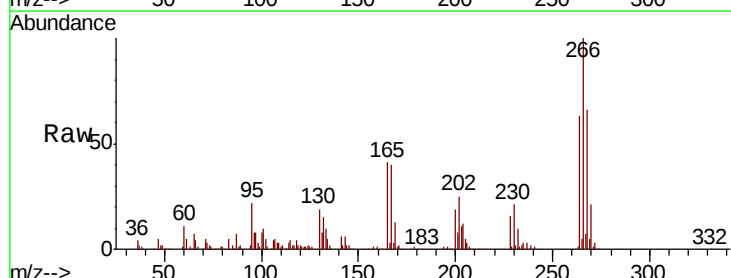
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#70
Pentachlorophenol
Concen: 67.650 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	52.4	78.6
264	62.6	49.9	74.9





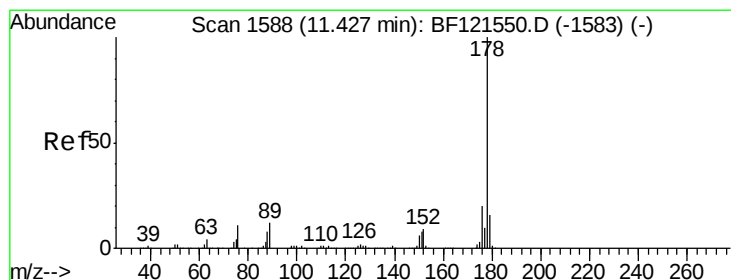
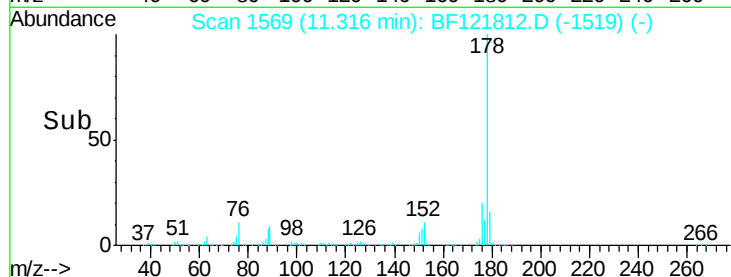
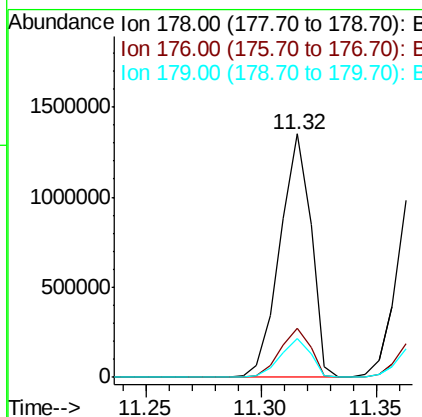
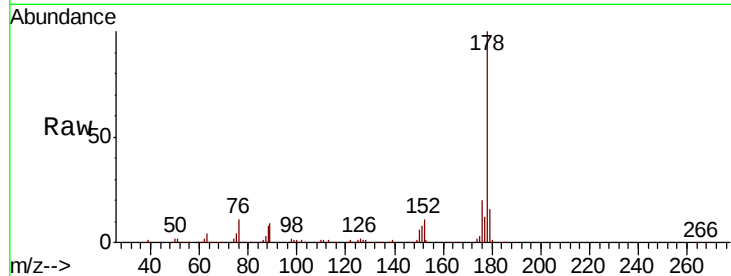
#71
Phenanthrene
Concen: 40.893 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion:178 Resp: 1261547
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.2 18.4

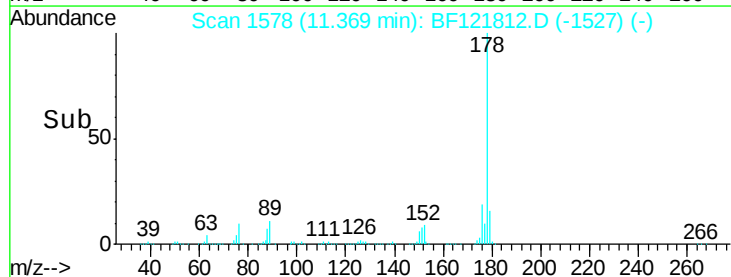
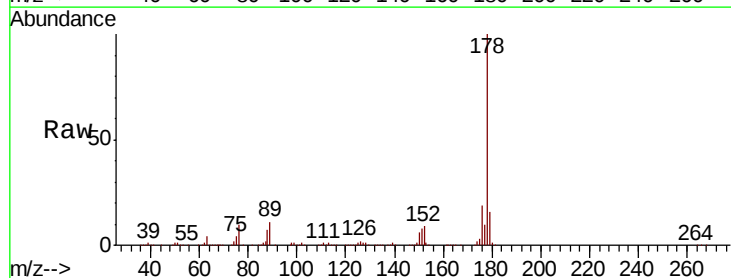
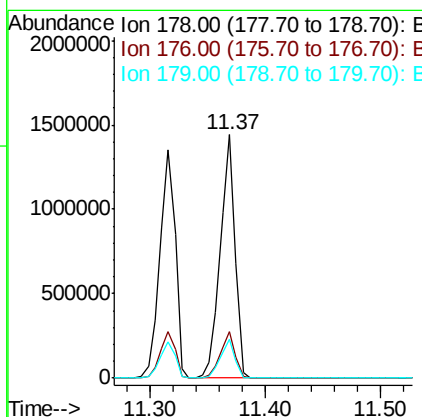
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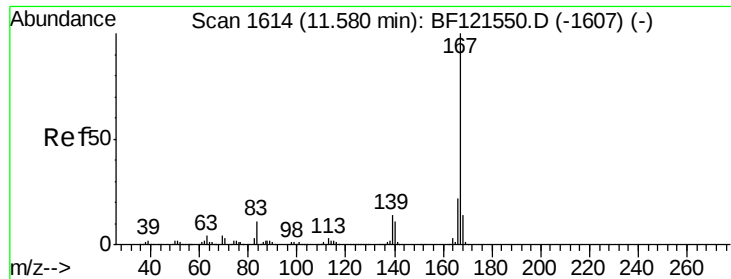
mohammad
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#72
Anthracene
Concen: 40.589 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion:178 Resp: 1292196
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 12.7 19.1





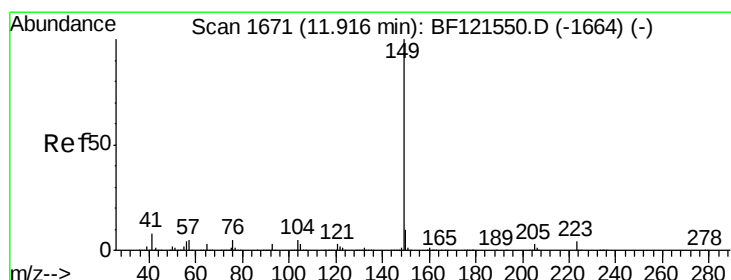
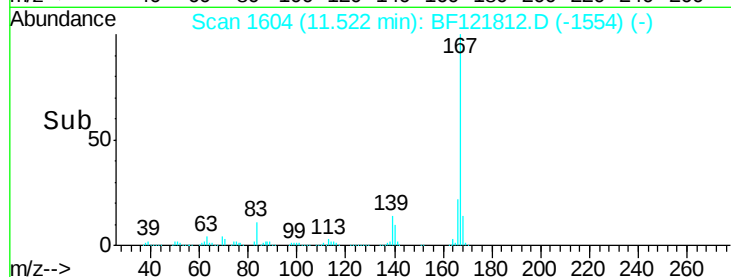
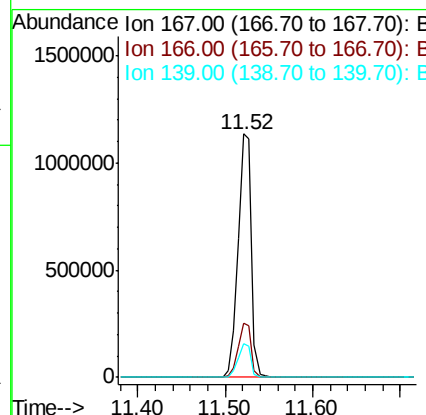
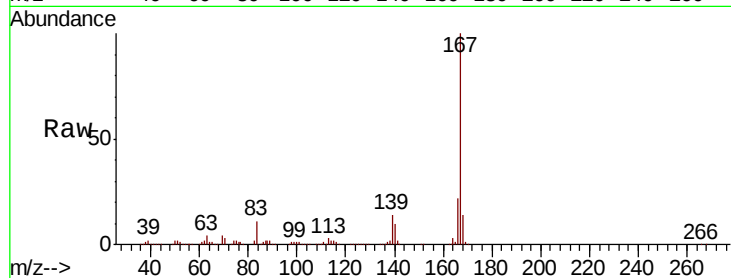
#73
 Carbazole
 Concen: 41.186 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	13.6	10.8	16.2

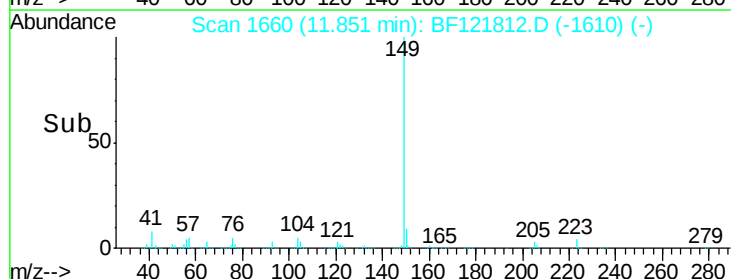
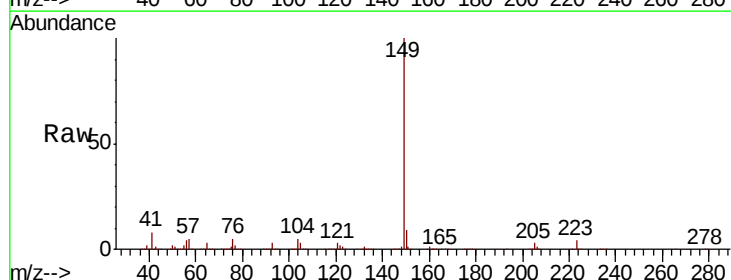
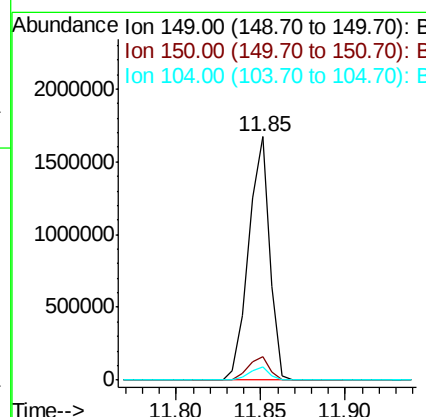
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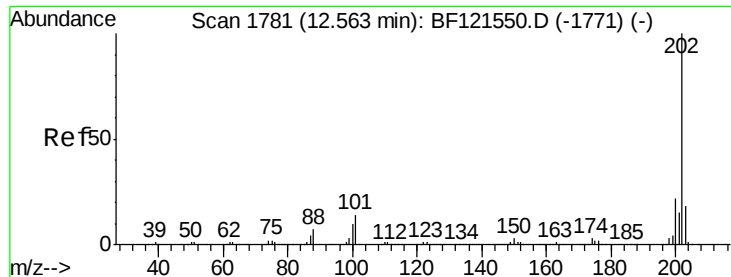
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.809 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.2	6.2





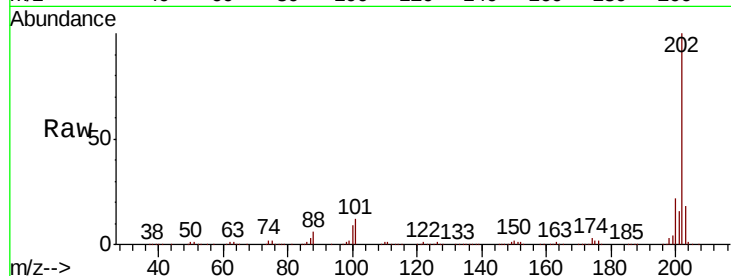
#75
 Fluoranthene
 Concen: 42.425 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

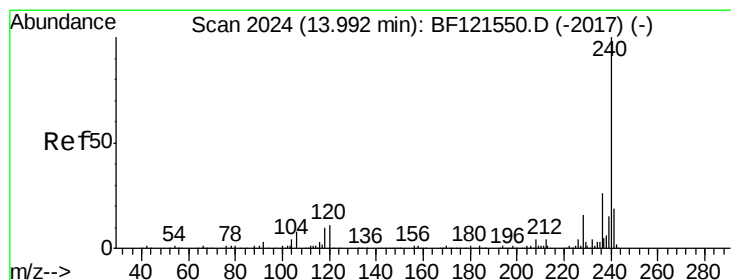
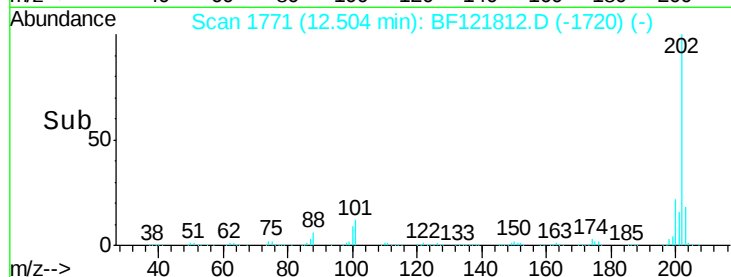
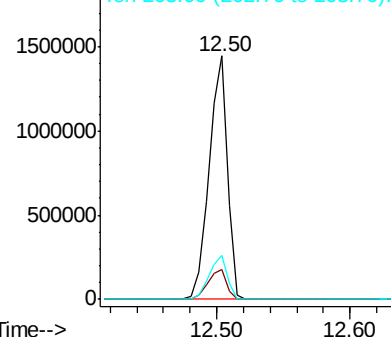
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.4
203	18.1	0.0	37.9

Manual Integrations
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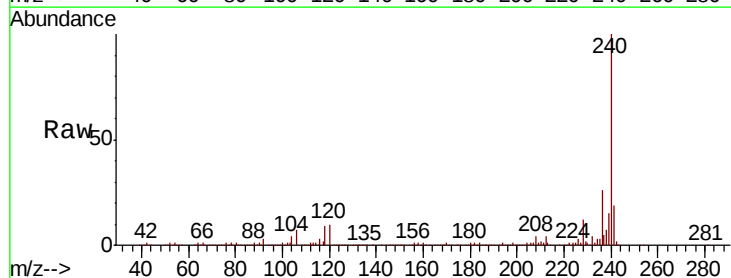


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

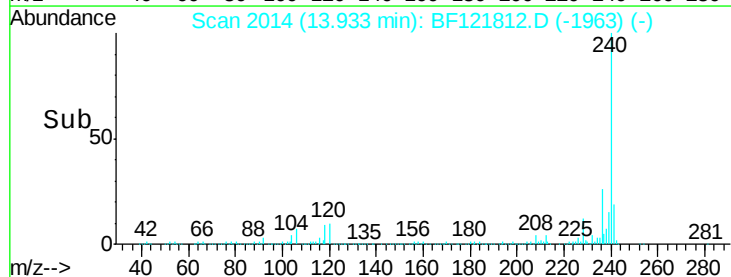
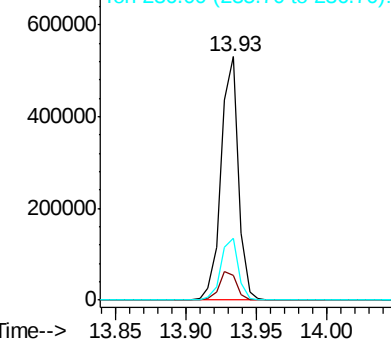


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.2	13.8
236	25.6	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 600000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.891 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Instrument :

BNA_F

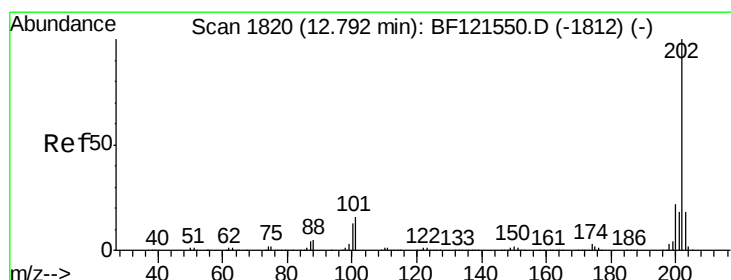
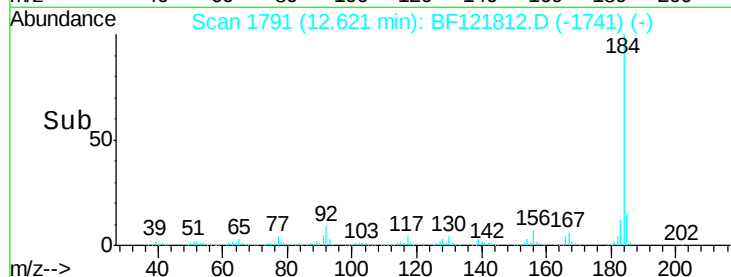
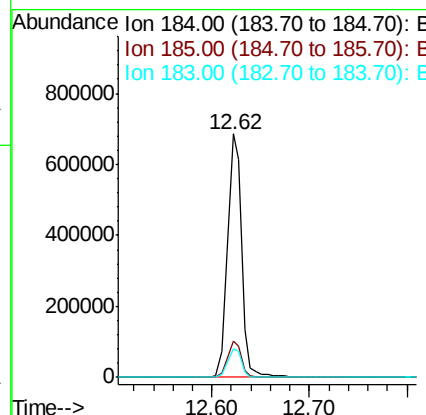
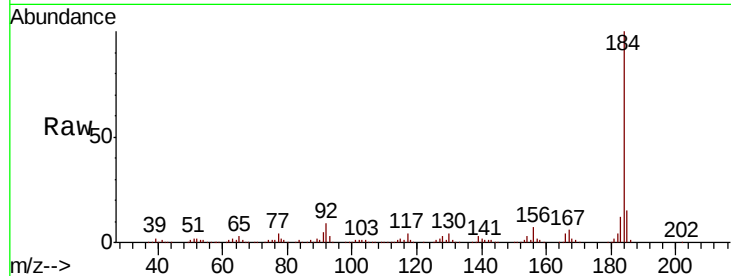
ClientSampleId :

PB132057BS

Tot Ion:	184	Resp:	690227
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.6	17.4
183	11.8	9.4	14.0

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#78

Pyrene

Concen: 41.463 ng

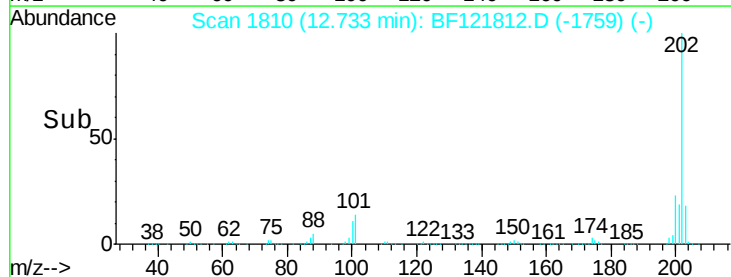
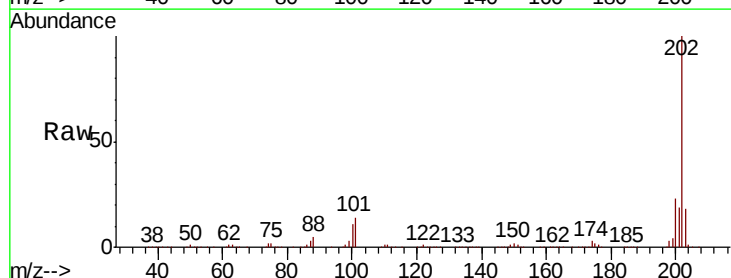
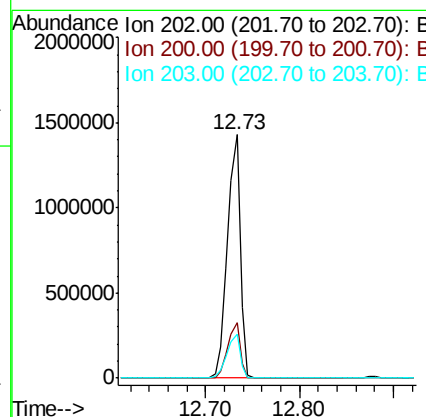
RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF121812.D

Acq: 5 Oct 2020 11:29

Tgt Ion:	202	Resp:	1374420
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.4	26.2
203	18.1	14.6	21.8





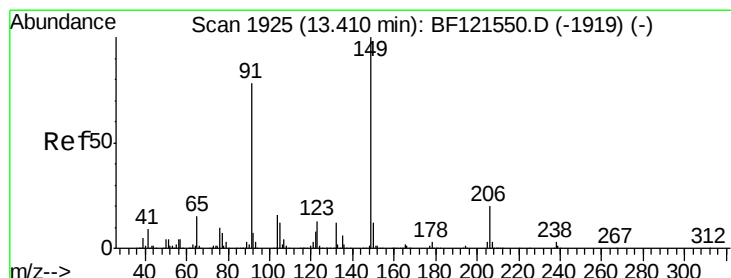
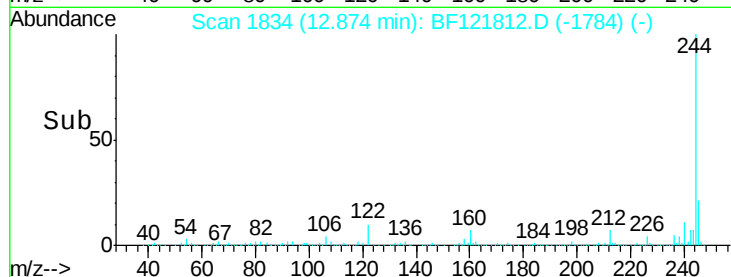
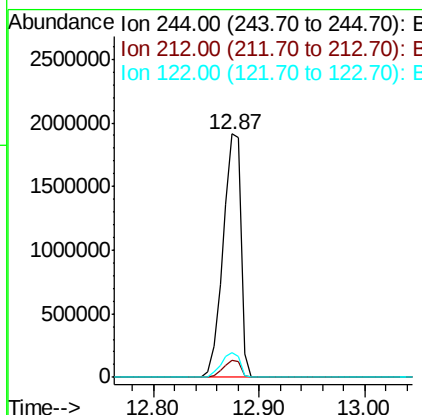
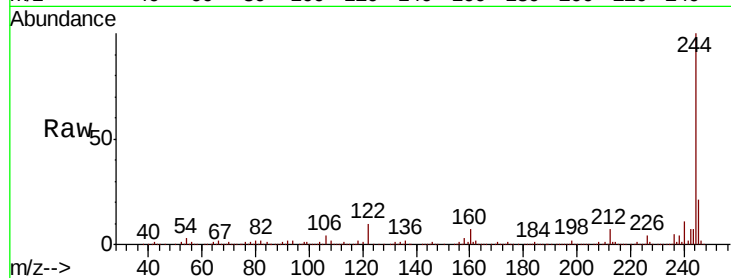
#79
 Terphenyl-d14
 Concen: 100.685 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.4	8.1	12.1

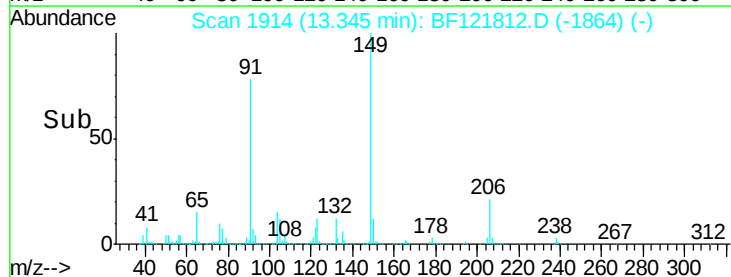
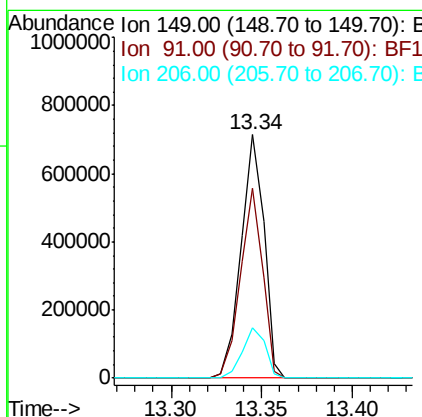
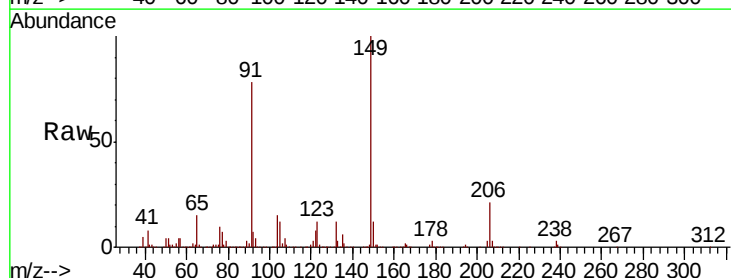
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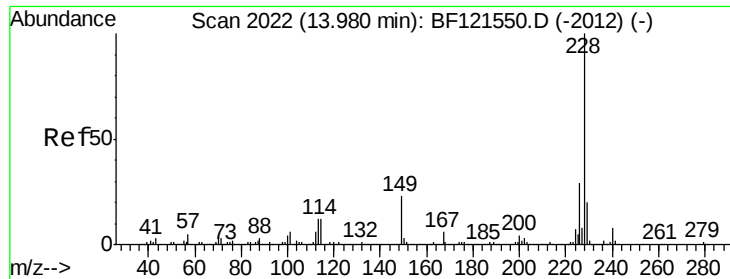
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#80
 Butylbenzylphthalate
 Concen: 46.882 ng
 RT: 13.34 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.2	61.0	91.4
206	20.9	16.7	25.1





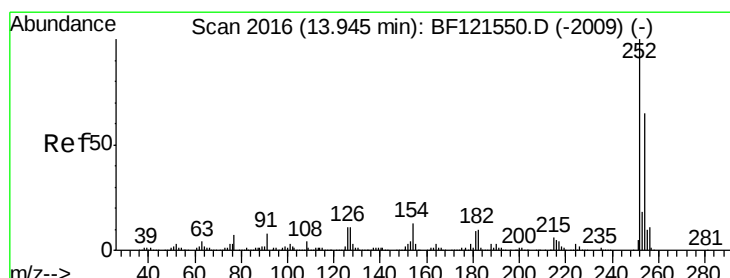
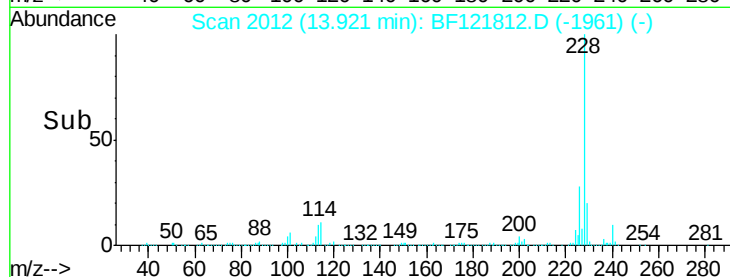
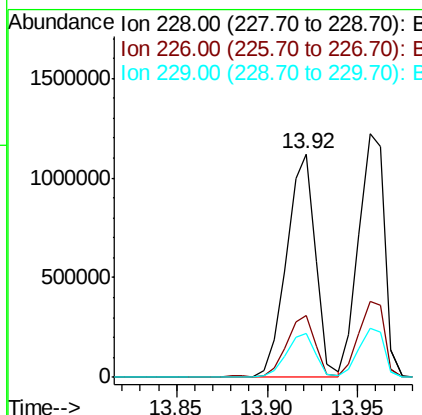
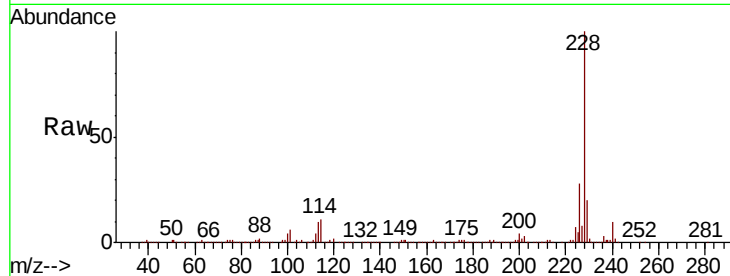
#81
Benzo(a)anthracene
Concen: 43.707 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.0	16.2	24.4

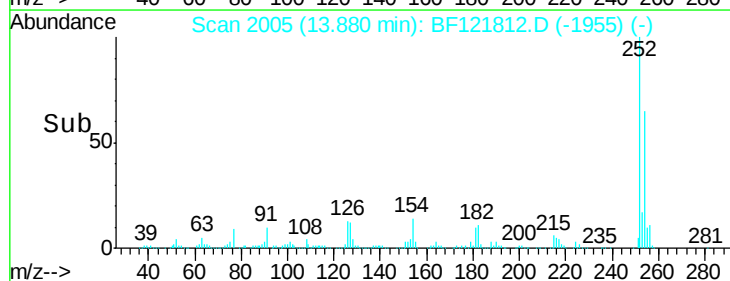
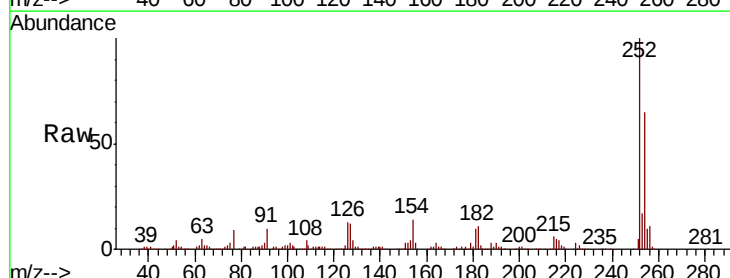
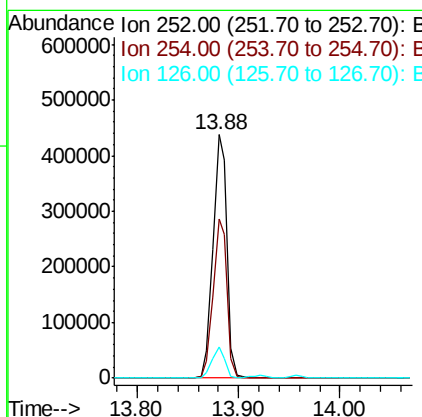
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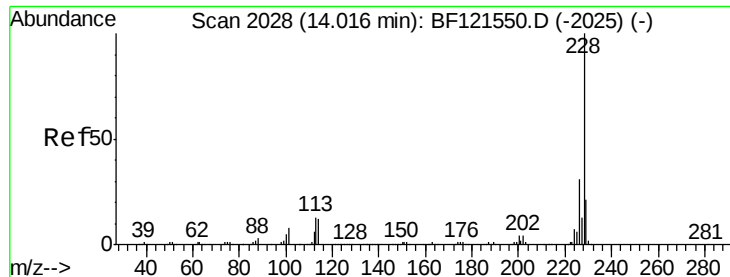
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#82
3,3'-Dichlorobenzidine
Concen: 37.214 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.6
126	12.7	8.8	13.2





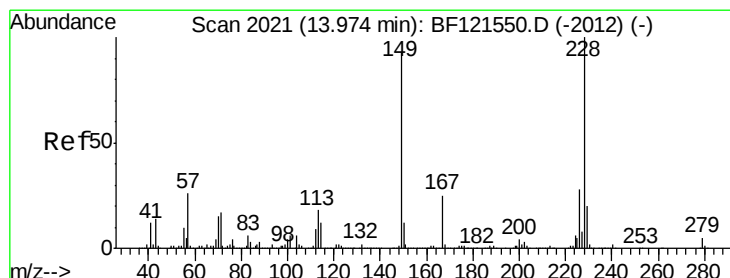
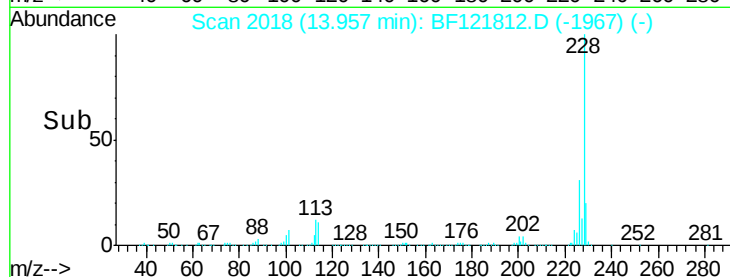
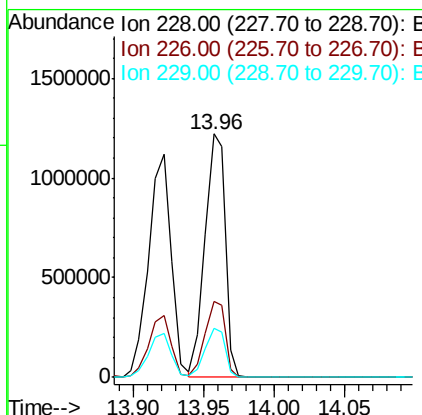
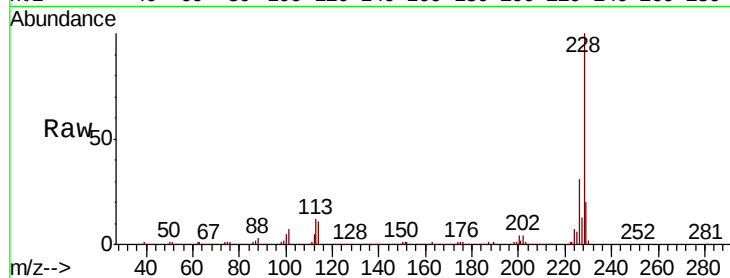
#83
 Chrysene
 Concen: 42.060 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	20.3	15.9	23.9

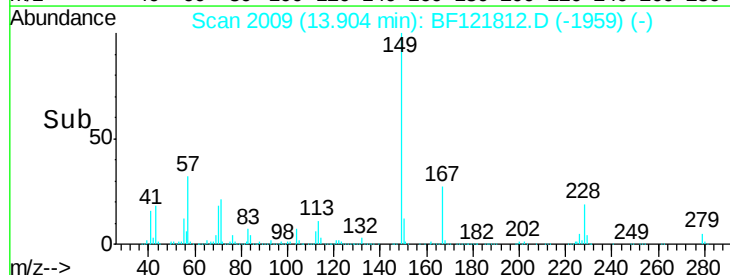
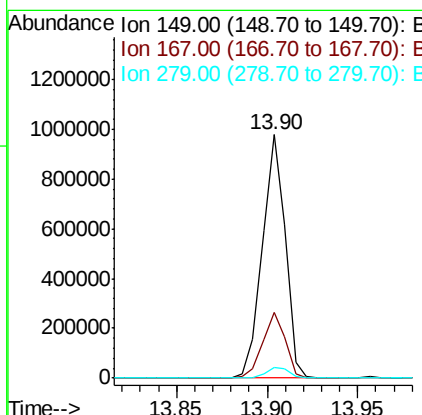
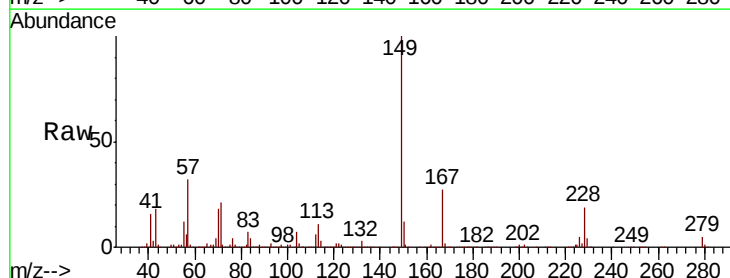
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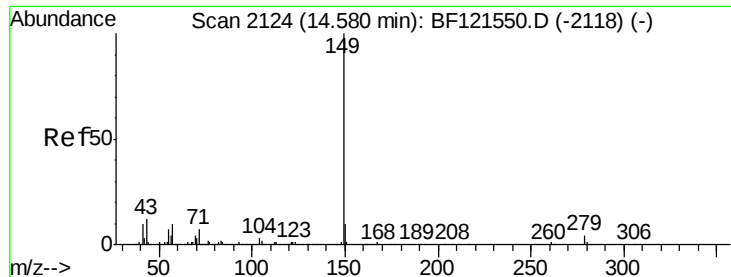
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.110 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF121812.D
 Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	4.5	3.2	4.8





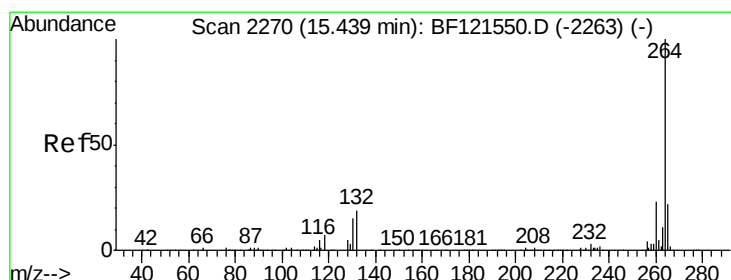
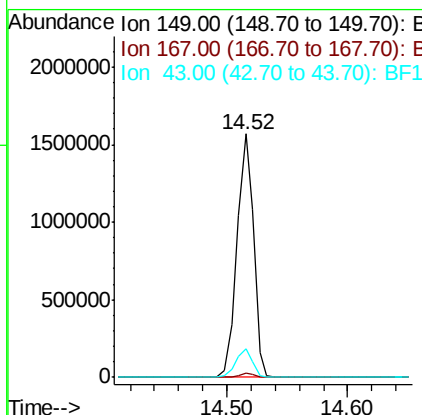
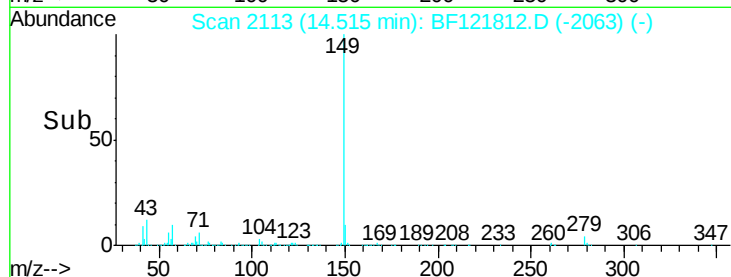
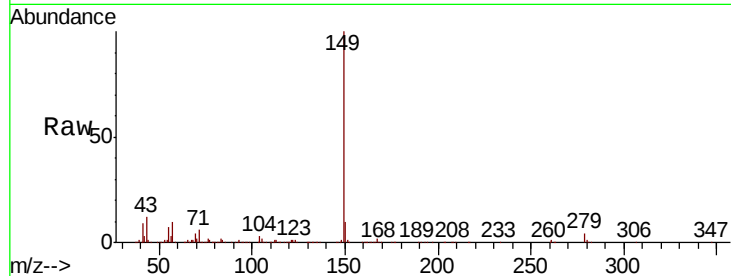
#85
Di-n-octyl phthalate
Concen: 47.697 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.3	9.0	13.6

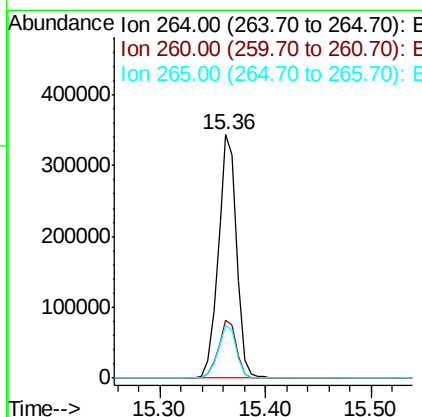
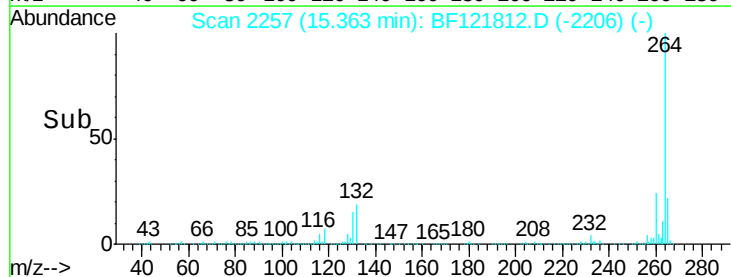
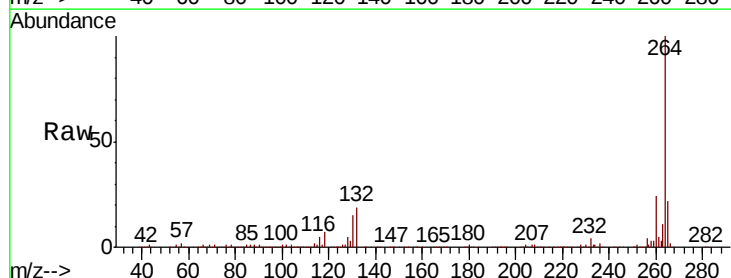
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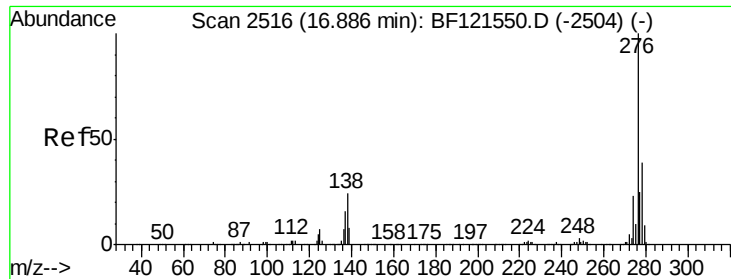
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.8	17.3	25.9





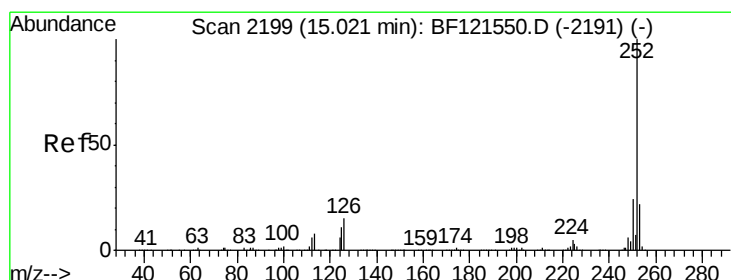
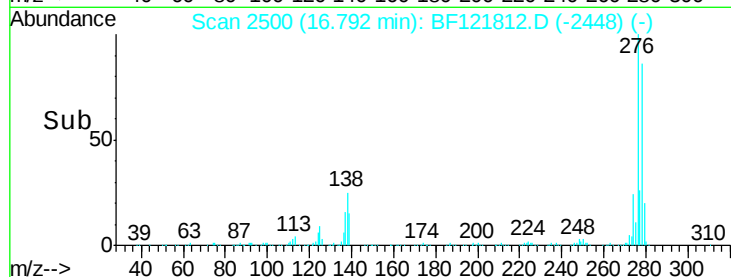
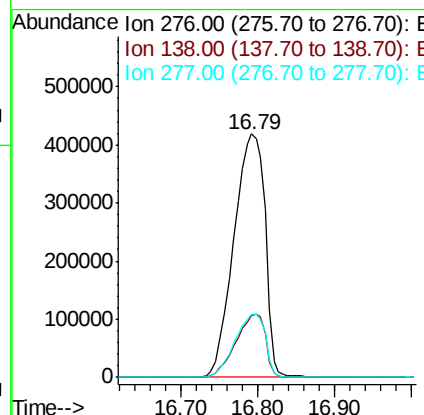
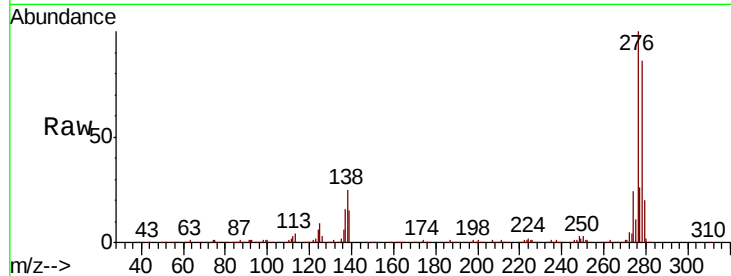
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.836 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.5	20.4	30.6

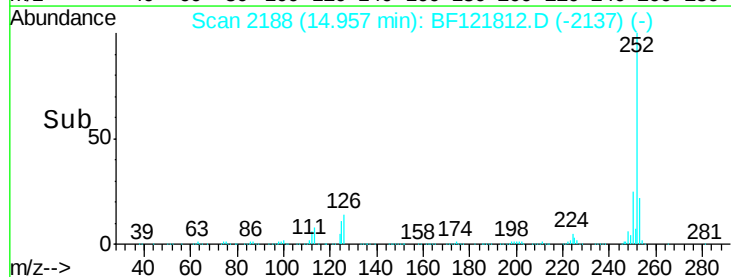
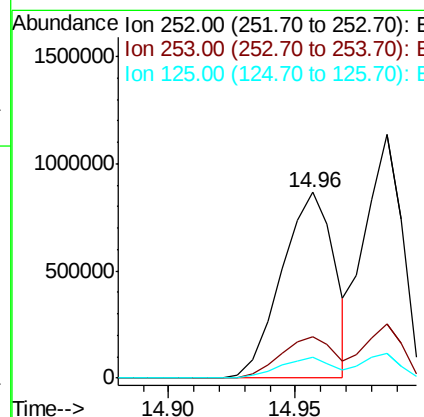
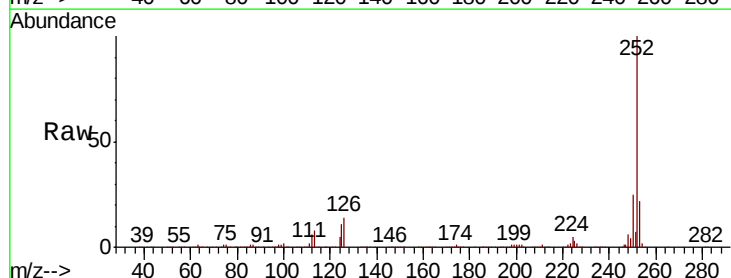
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#88
Benzo(b)fluoranthene
Concen: 45.325 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	11.0	8.0	12.0





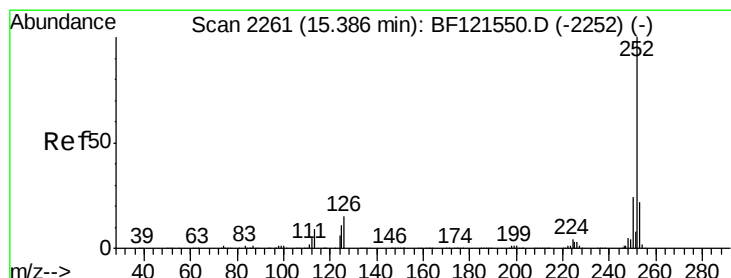
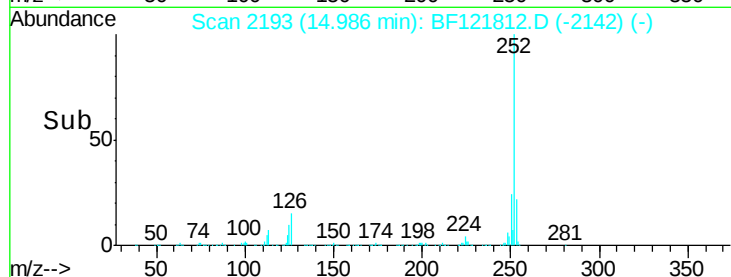
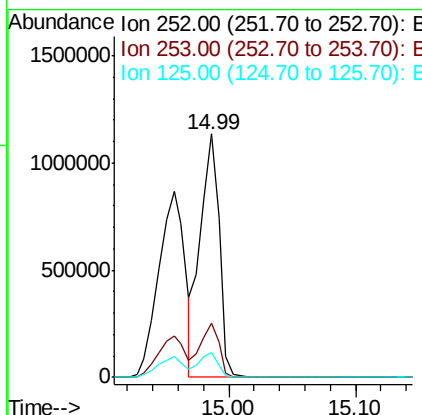
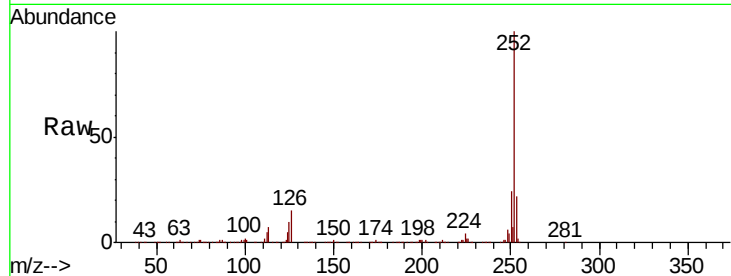
#89
Benzo(k)fluoranthene
Concen: 46.057 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.4	7.7	11.5

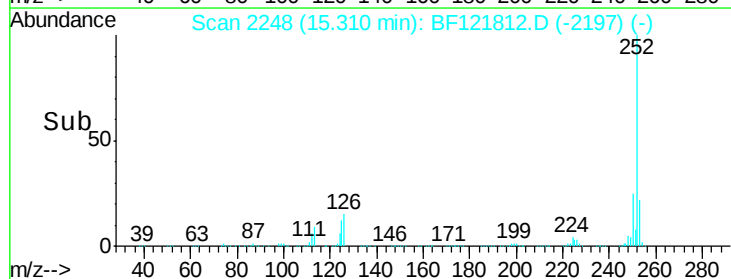
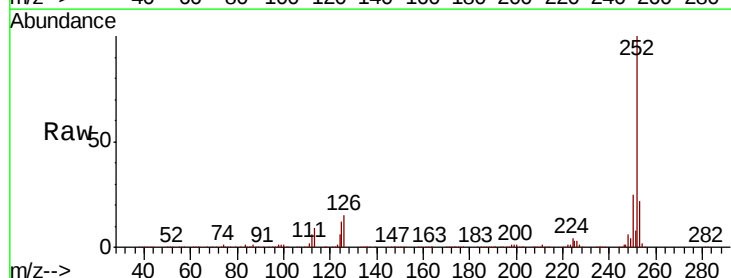
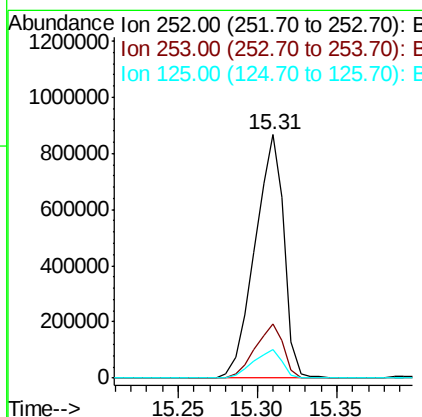
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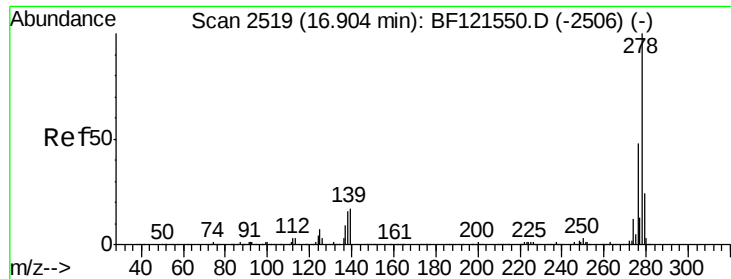
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#90
Benzo(a)pyrene
Concen: 46.689 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.8	8.6	13.0





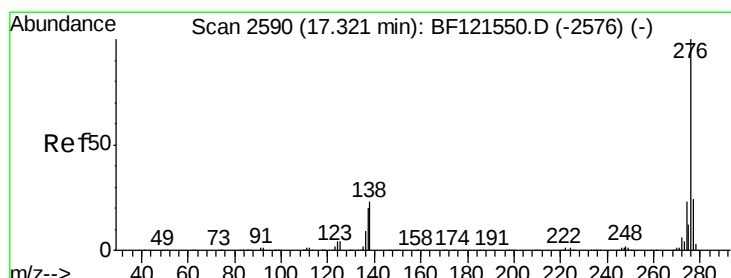
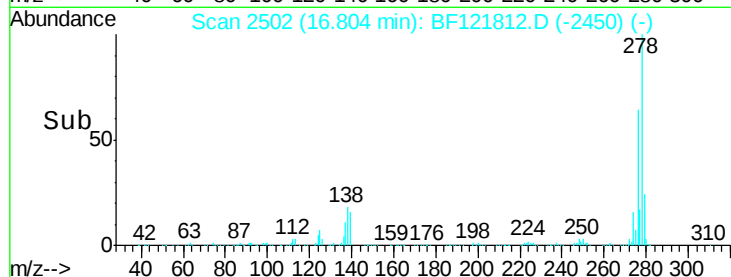
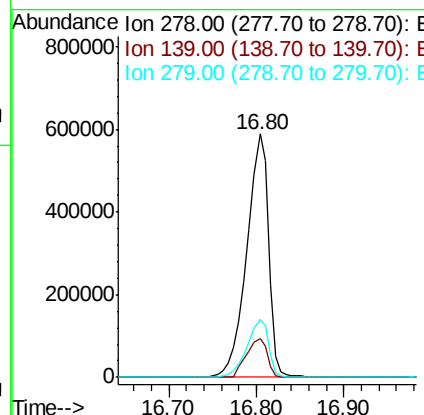
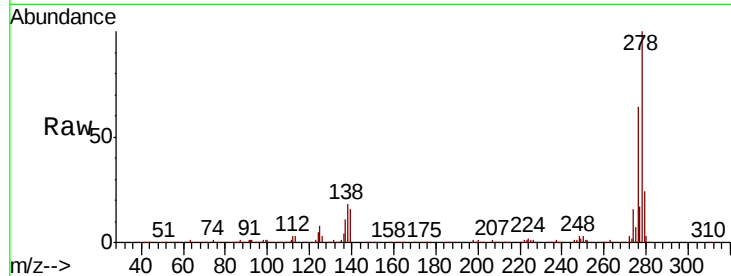
#91
Dibenzo(a,h)anthracene
Concen: 43.486 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Instrument :
BNA_F
ClientSampleId :
PB132057BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.0	19.4
279	23.7	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 42.533 ng
RT: 17.22 min Scan# 2572
Delta R.T. 0.01 min
Lab File: BF121812.D
Acq: 5 Oct 2020 11:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	21.6	17.8	26.6

