

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122033.D
 Acq On : 20 Oct 2020 17:06
 Operator : JU/CG
 Sample : L4435-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5412MSD

Quant Time: Oct 20 17:42:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	103872	20.00	ng	-0.02
21) Naphthalene-d8	8.016	136	412787	20.00	ng	-0.01
39) Acenaphthene-d10	9.769	164	217924	20.00	ng	-0.01
64) Phenanthrene-d10	11.257	188	389478	20.00	ng	0.00
76) Chrysene-d12	13.898	240	255038	20.00	ng	-0.01
86) Perylene-d12	15.327	264	243529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	711199	101.05	ng	0.00
7) Phenol-d6	6.381	99	809082	89.31	ng	-0.01
23) Nitrobenzene-d5	7.304	82	671864	83.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	299712	111.18	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1169450	78.96	ng	-0.01
79) Terphenyl-d14	12.839	244	1164199	86.99	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	108992	35.21	ng	# 83
3) Pyridine	3.269	79	259347	31.87	ng	98
4) n-Nitrosodimethylamine	3.175	42	158177	40.21	ng	95
6) Aniline	6.398	93	161757	14.50	ng	# 1
8) 2-Chlorophenol	6.522	128	313855	44.12	ng	97
9) Benzaldehyde	6.286	77	105313	17.22	ng	96
10) Phenol	6.392	94	345640	36.97	ng	90
11) bis(2-Chloroethyl)ether	6.469	93	319181	44.16	ng	98
12) 1,3-Dichlorobenzene	6.669	146	321781	40.22	ng	99
13) 1,4-Dichlorobenzene	6.745	146	330011	41.08	ng	99
14) 1,2-Dichlorobenzene	6.898	146	308084	41.95	ng	99
15) Benzyl Alcohol	6.886	79	283430	48.37	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	469968	42.25	ng	65
17) 2-Methylphenol	7.004	107	249639	41.05	ng	# 88
18) Hexachloroethane	7.233	117	121679	41.93	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	237196	45.98	ng	99
20) 3+4-Methylphenols	7.157	107	323587	44.12	ng	# 73
22) Acetophenone	7.145	105	442515	41.66	ng	# 90
24) Nitrobenzene	7.322	77	359362	41.77	ng	99
25) Isophorone	7.557	82	639594	42.03	ng	98
26) 2-Nitrophenol	7.633	139	168569	42.55	ng	90
27) 2,4-Dimethylphenol	7.681	122	280933	41.60	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	405718	42.61	ng	100
29) 2,4-Dichlorophenol	7.886	162	269485	42.61	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	271917	40.43	ng	99
31) Naphthalene	8.033	128	898151	40.62	ng	99
32) Benzoic acid	7.839	122	157107	41.87	ng	98
33) 4-Chloroaniline	8.092	127	101448	10.77	ng	96
34) Hexachlorobutadiene	8.151	225	163515	41.01	ng	97
35) Caprolactam	8.475	113	36368	18.11	ng	95
36) 4-Chloro-3-methylphenol	8.592	107	293742	43.24	ng	97
37) 2-Methylnaphthalene	8.727	142	600157	41.90	ng	99
38) 1-Methylnaphthalene	8.827	142	554009	41.77	ng	98
40) 1,2,4,5-Tetrachloroben...	8.892	216	284359	40.43	ng	99
41) Hexachlorocyclopentadiene	8.875	237	124153	63.43	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	190907	43.99	ng	99

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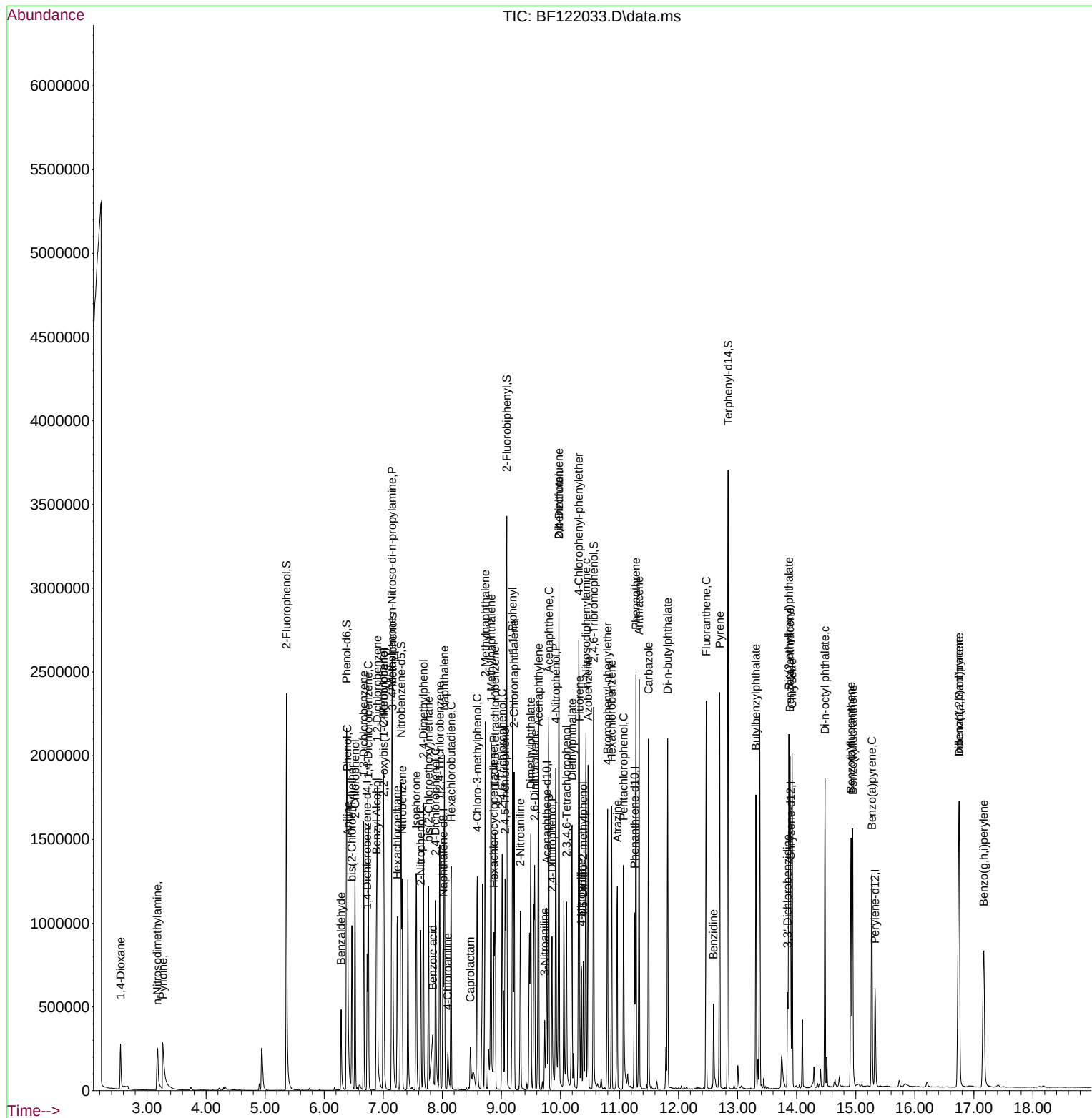
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	198137	42.28	ng	99
46) 1,1'-Biphenyl	9.192	154	730892	41.25	ng	99
47) 2-Chloronaphthalene	9.216	162	564426	40.96	ng	99
48) 2-Nitroaniline	9.322	65	195254	42.96	ng	95
49) Acenaphthylene	9.633	152	852183	40.27	ng	99
50) Dimethylphthalate	9.498	163	754730	47.36	ng	100
51) 2,6-Dinitrotoluene	9.563	165	150281	42.99	ng	94
52) Acenaphthene	9.804	154	521084	41.39	ng	99
53) 3-Nitroaniline	9.733	138	68528	17.24	ng	98
54) 2,4-Dinitrophenol	9.857	184	131669	74.49	ng	93
55) Dibenzofuran	9.974	168	746378	40.54	ng	97
56) 4-Nitrophenol	9.922	139	145464	67.26	ng	# 79
57) 2,4-Dinitrotoluene	9.974	165	180856	42.03	ng	# 77
58) Fluorene	10.322	166	620139	41.81	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	163177	45.00	ng	99
60) Diethylphthalate	10.198	149	667985	43.47	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	301431	42.38	ng	99
62) 4-Nitroaniline	10.357	138	127412	32.08	ng	98
63) Azobenzene	10.469	77	692470	42.61	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	101547	39.75	ng	88
66) n-Nitrosodiphenylamine	10.433	169	580958	43.30	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	198883	44.20	ng	99
68) Hexachlorobenzene	10.869	284	218327	42.87	ng	96
69) Atrazine	10.963	200	143632	43.78	ng	99
70) Pentachlorophenol	11.069	266	175849	87.04	ng	97
71) Phenanthrene	11.280	178	900365	42.16	ng	99
72) Anthracene	11.333	178	930845	42.03	ng	99
73) Carbazole	11.492	167	798017	40.52	ng	100
74) Di-n-butylphthalate	11.816	149	1012410	44.68	ng	100
75) Fluoranthene	12.468	202	916448	40.02	ng	98
77) Benzidine	12.592	184	207097	26.34	ng	100
78) Pyrene	12.698	202	900494	46.33	ng	99
80) Butylbenzylphthalate	13.310	149	371548	48.21	ng	98
81) Benzo(a)anthracene	13.886	228	718538	42.99	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	121530	19.60	ng	98
83) Chrysene	13.921	228	698534	42.58	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	512459	48.98	ng	99
85) Di-n-octyl phthalate	14.480	149	800167	47.27	ng	99
87) Indeno(1,2,3-cd)pyrene	16.750	276	821477	51.95	ng	99
88) Benzo(b)fluoranthene	14.921	252	688689	41.84	ng	98
89) Benzo(k)fluoranthene	14.951	252	654713	41.87	ng	99
90) Benzo(a)pyrene	15.274	252	612534	43.08	ng	99
91) Dibenzo(a,h)anthracene	16.750	278	678417	52.11	ng	99
92) Benzo(g,h,i)perylene	17.168	276	705361	54.13	ng	98

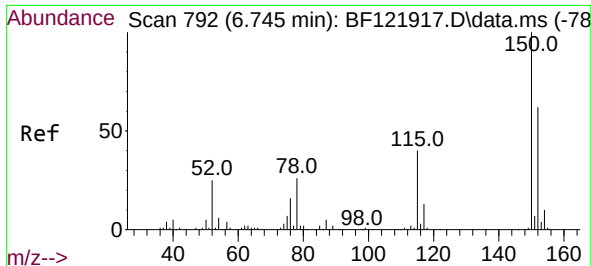
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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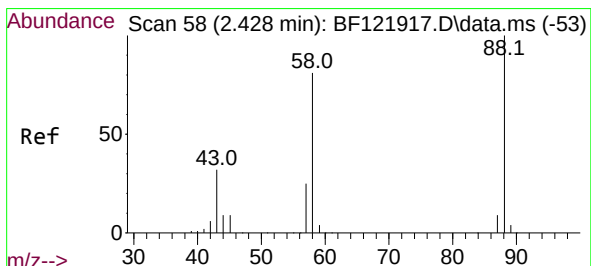
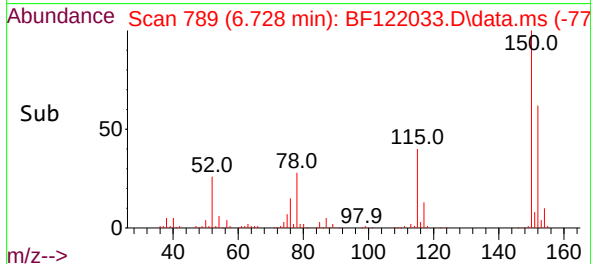
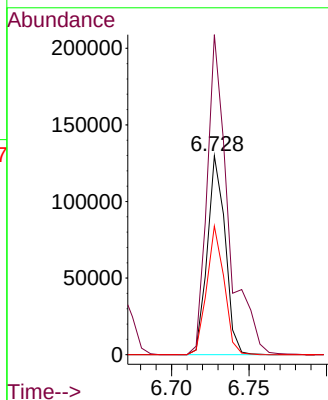
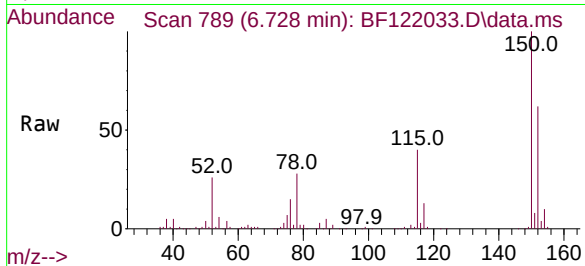




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.728 min Scan# 789
 Delta R.T. -0.017 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

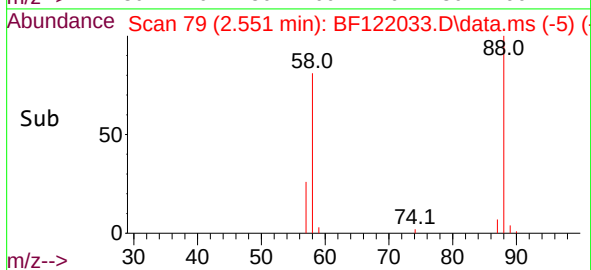
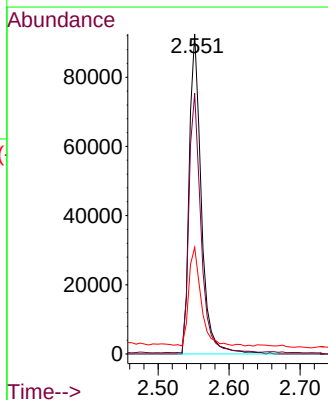
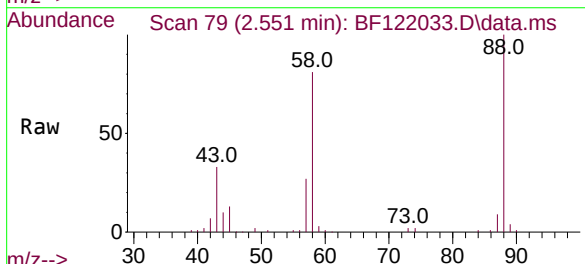
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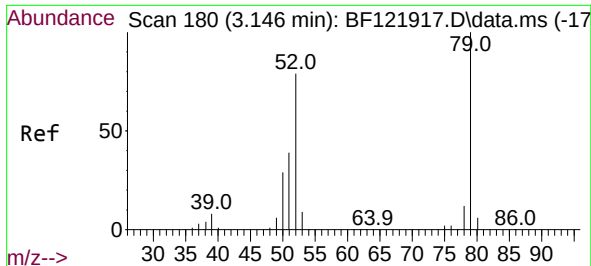
Tgt Ion:152 Resp: 103872
 Ion Ratio Lower Upper
 152 100
 150 160.9 125.3 187.9
 115 64.7 51.9 77.9



#2
 1,4-Dioxane
 Concen: 35.21 ng
 RT: 2.551 min Scan# 79
 Delta R.T. 0.135 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

Tgt Ion: 88 Resp: 108992
 Ion Ratio Lower Upper
 88 100
 58 80.9 65.8 98.8
 43 0.0 25.8 38.8#

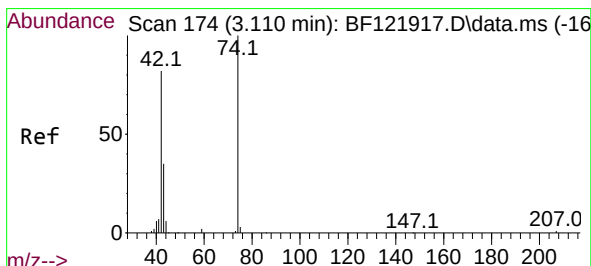
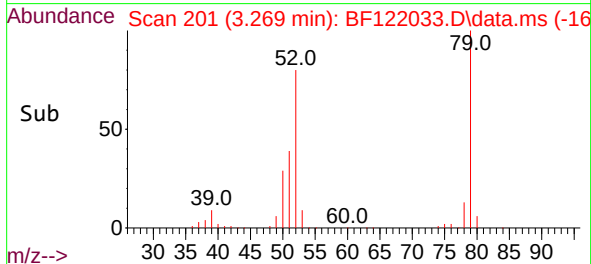
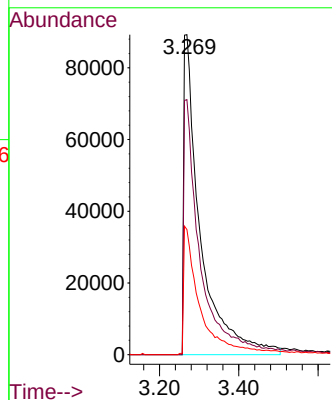
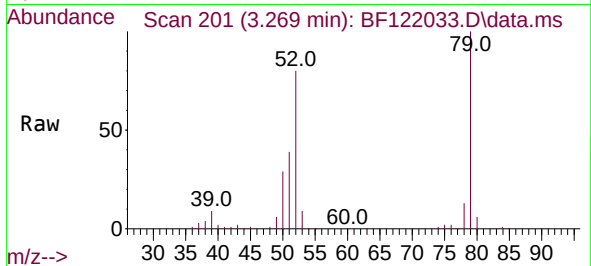




#3
Pyridine
Concen: 31.87 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.129 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

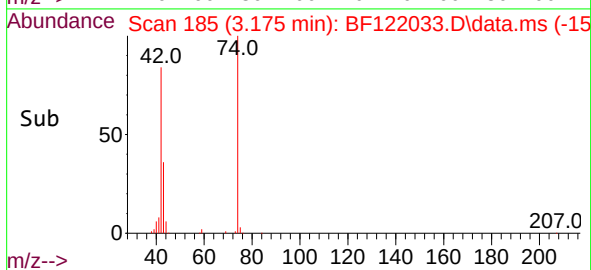
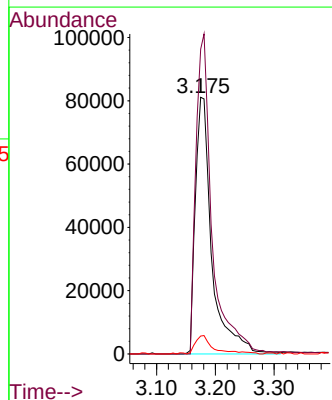
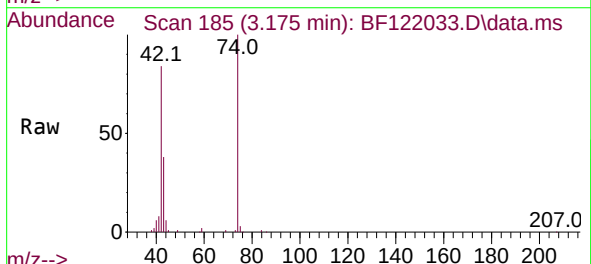
Instrument :
BNA_F
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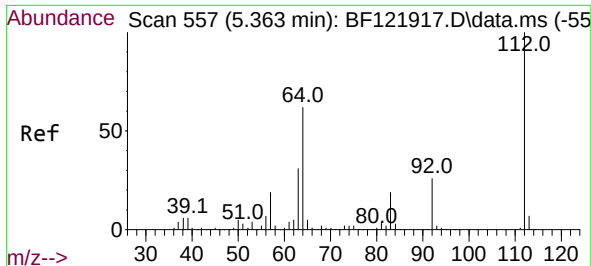
Tgt Ion:	79	Resp:	259347
Ion	Ratio	Lower	Upper
79	100		
52	79.7	62.2	93.4
51	39.1	31.1	46.7



#4
n-Nitrosodimethylamine
Concen: 40.21 ng
RT: 3.175 min Scan# 185
Delta R.T. 0.071 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:	42	Resp:	158177
Ion	Ratio	Lower	Upper
42	100		
74	118.8	100.2	150.2
44	7.0	5.8	8.6

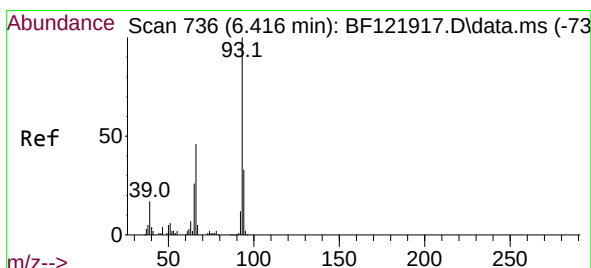
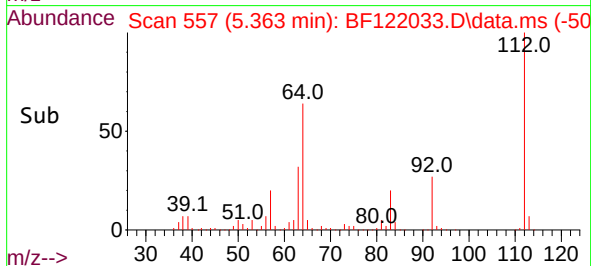
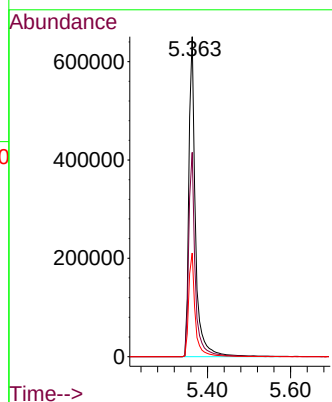
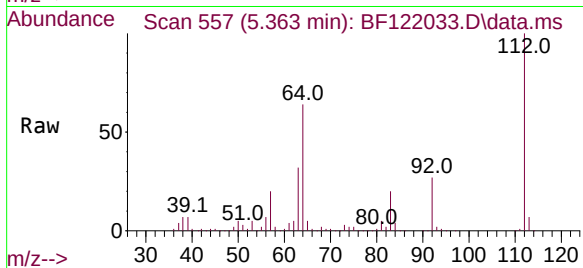




#5
2-Fluorophenol
Concen: 101.05 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

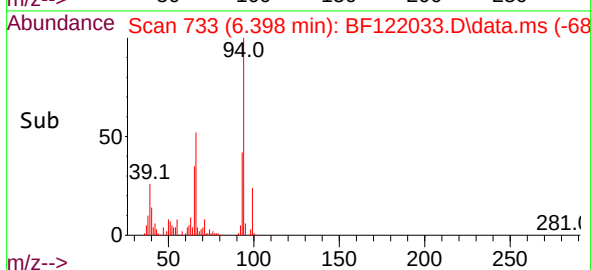
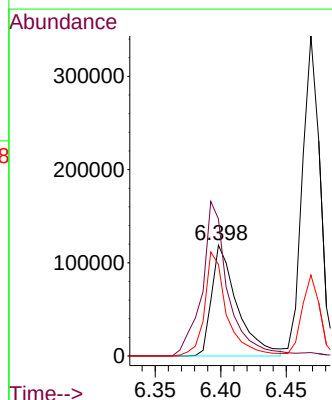
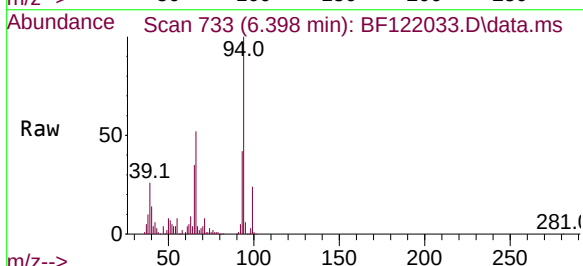
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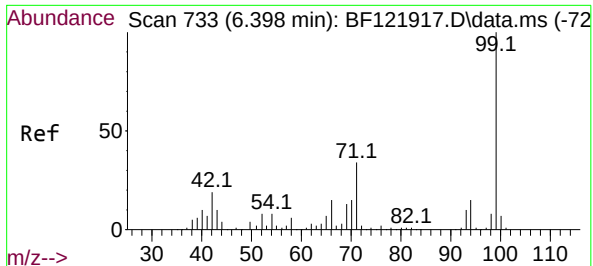
Tgt Ion:112 Resp: 711199
Ion Ratio Lower Upper
112 100
64 63.9 50.4 75.6
63 32.4 25.8 38.6



#6
Aniline
Concen: 14.50 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 93 Resp: 161757
Ion Ratio Lower Upper
93 100
66 123.6 32.7 49.1#
65 82.6 16.6 24.8#

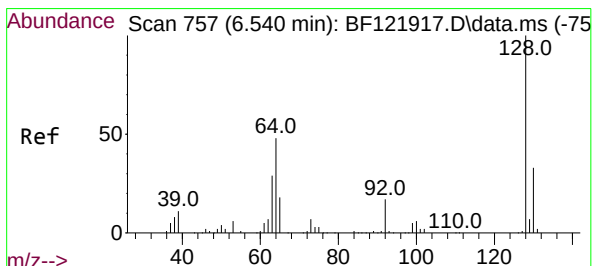
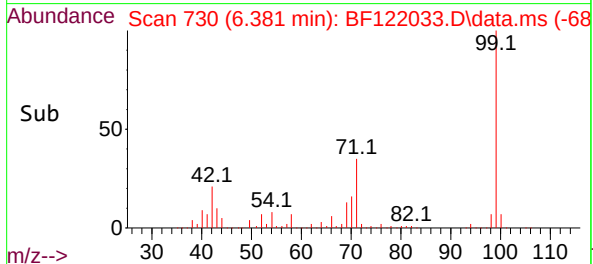
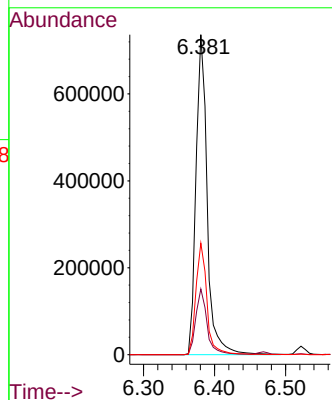
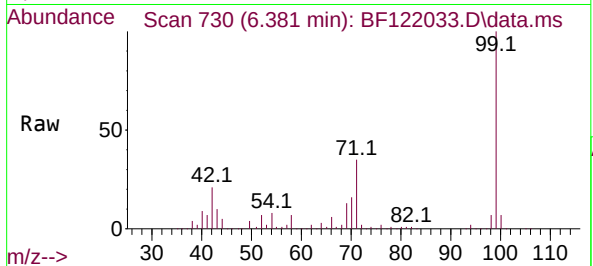




#7
Phenol-d6
Concen: 89.31 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

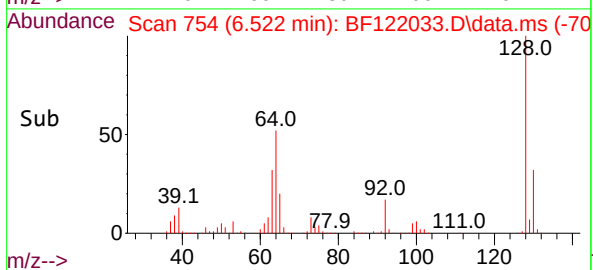
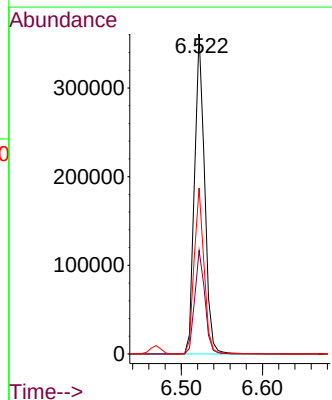
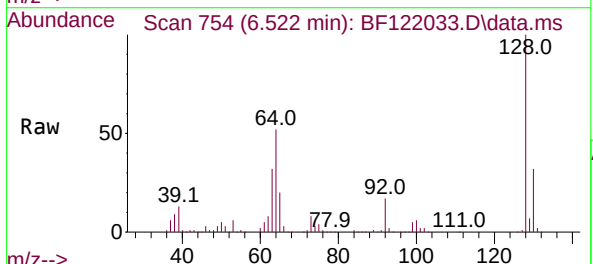
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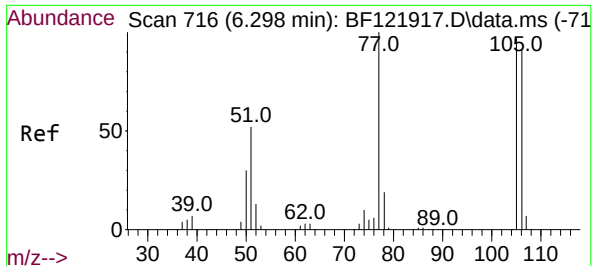
Tgt Ion: 99 Resp: 809082
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 34.9 27.1 40.7



#8
2-Chlorophenol
Concen: 44.12 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:128 Resp: 313855
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 51.9 34.8 74.8



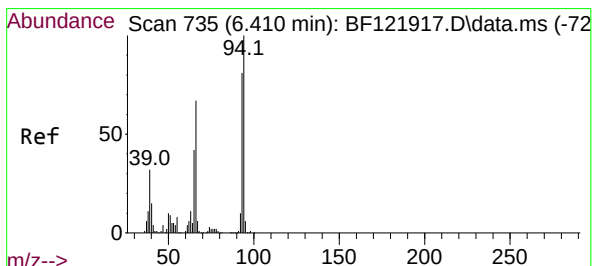
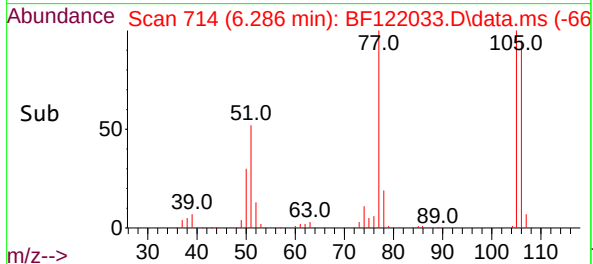
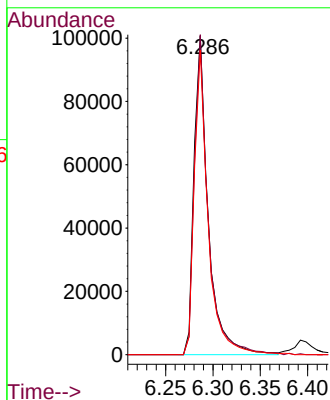
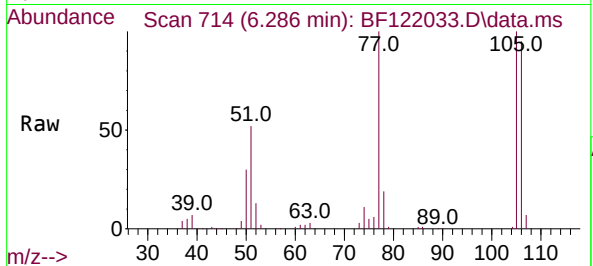


#9
Benzaldehyde
Concen: 17.22 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 105313

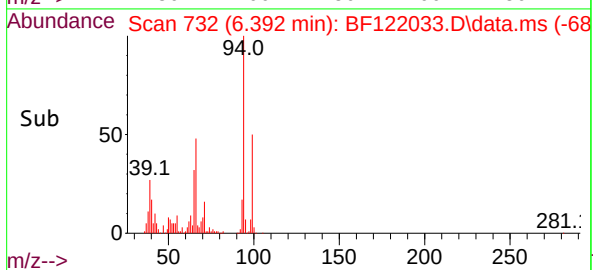
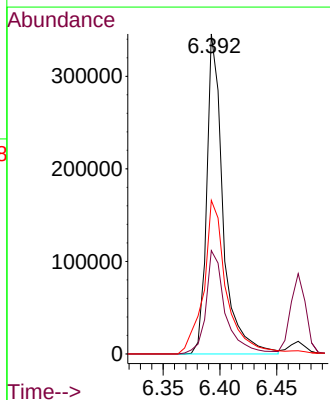
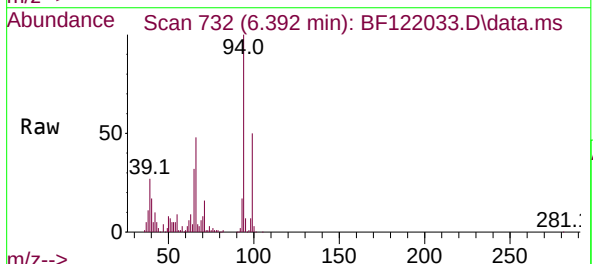
Ion	Ratio	Lower	Upper
77	100		
105	100.3	76.7	116.7
106	95.4	71.3	111.3

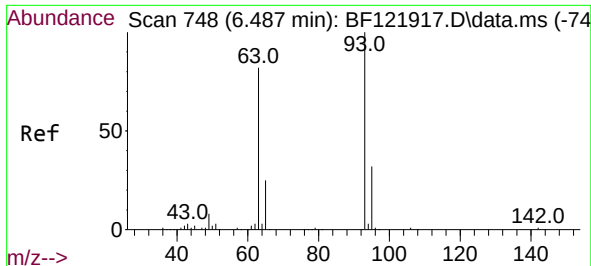


#10
Phenol
Concen: 36.97 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 94 Resp: 345640

Ion	Ratio	Lower	Upper
94	100		
65	32.3	17.1	57.1
66	48.0	36.0	76.0



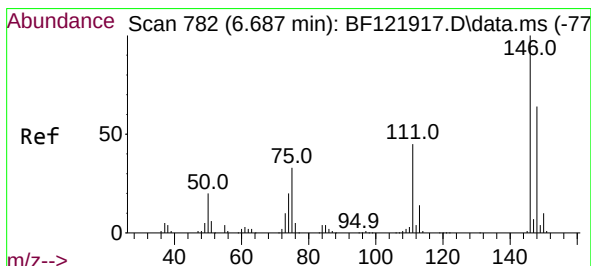
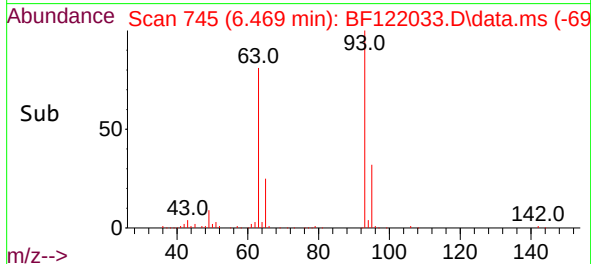
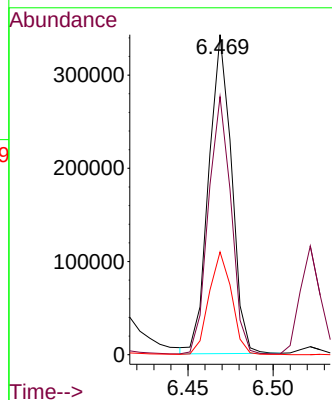
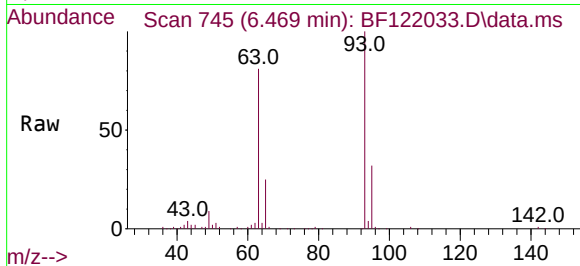


#11
bis(2-Chloroethyl)ether
Concen: 44.16 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion: 93 Resp: 319181

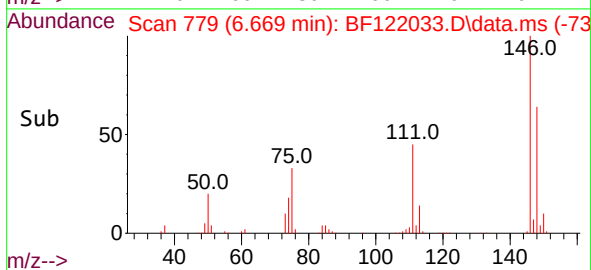
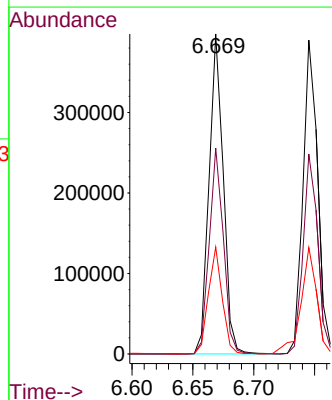
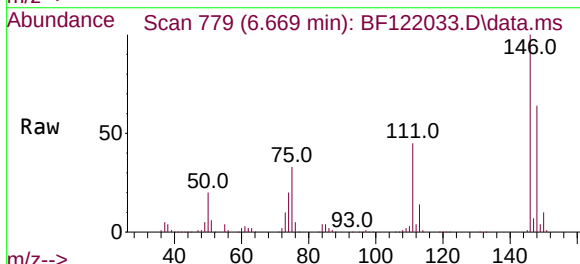
Ion	Ratio	Lower	Upper
93	100		
63	80.6	62.4	102.4
95	32.1	12.6	52.6

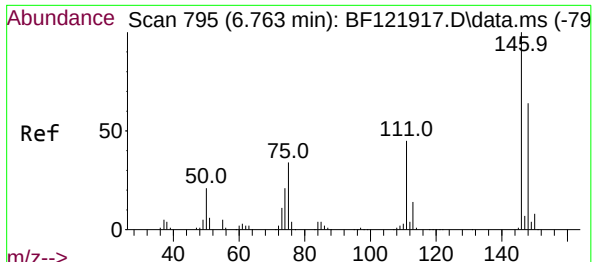


#12
1,3-Dichlorobenzene
Concen: 40.22 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 146 Resp: 321781

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	33.4	27.6	41.4

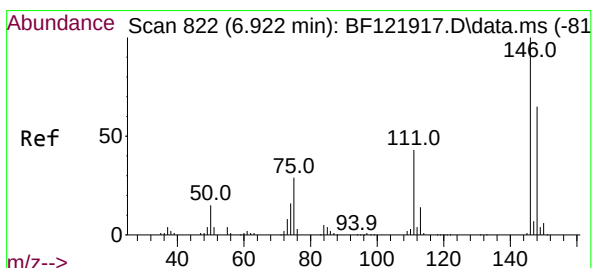
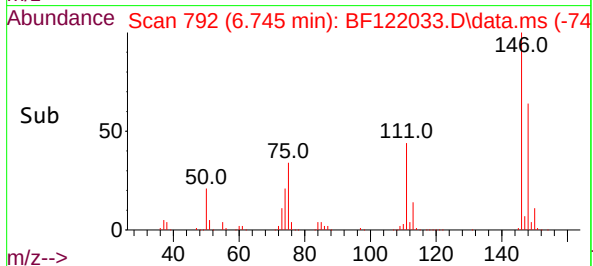
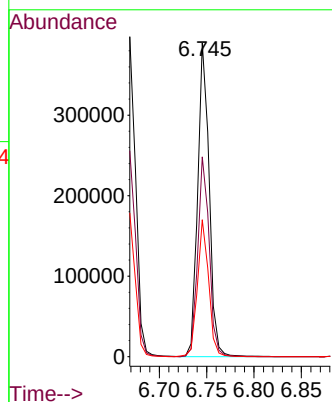
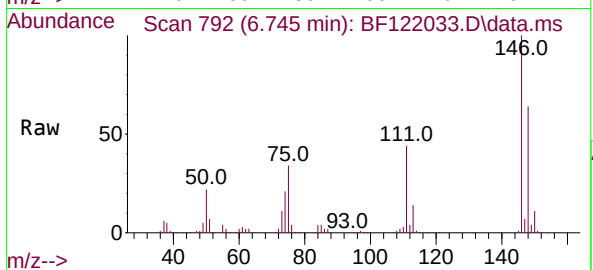




#13
1,4-Dichlorobenzene
Concen: 41.08 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

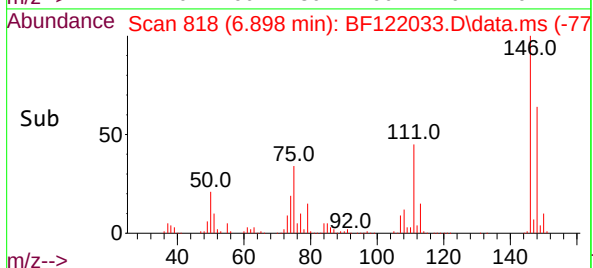
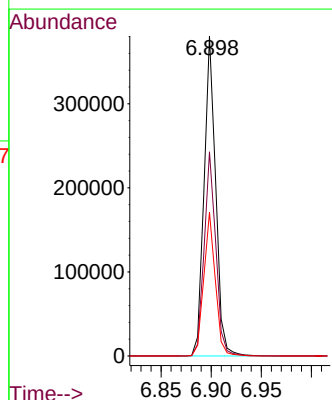
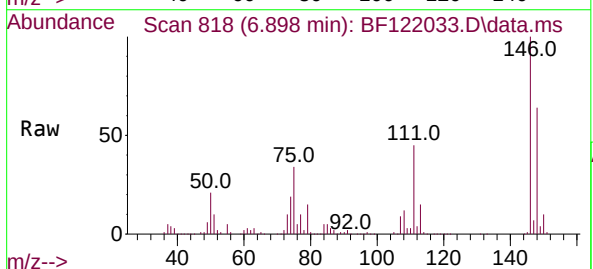
Instrument :
BNA_F
ClientSampleId :
5412MSD

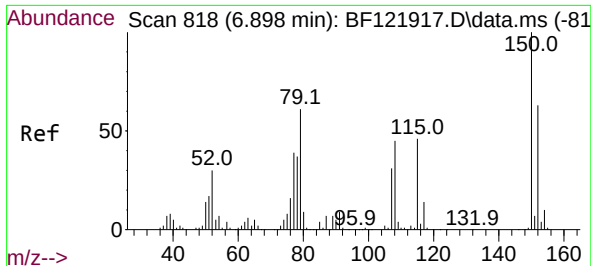
Tgt Ion:146 Resp: 330011
Ion Ratio Lower Upper
146 100
148 63.7 50.1 75.1
111 43.6 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 41.95 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:146 Resp: 308084
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 44.9 34.2 51.4

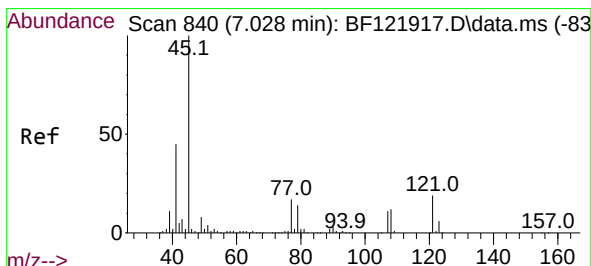
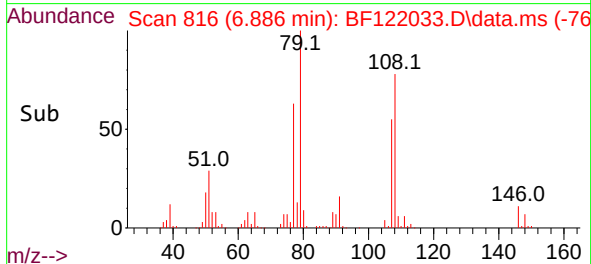
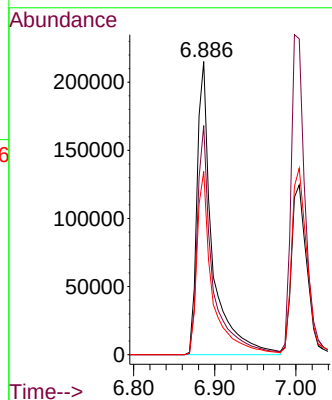
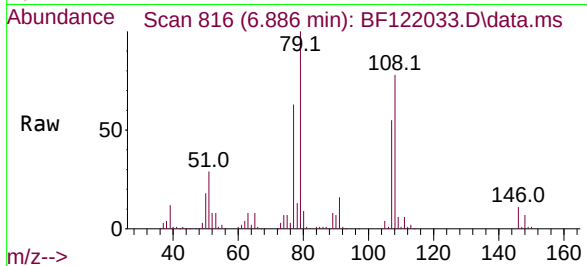




#15
Benzyl Alcohol
Concen: 48.37 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

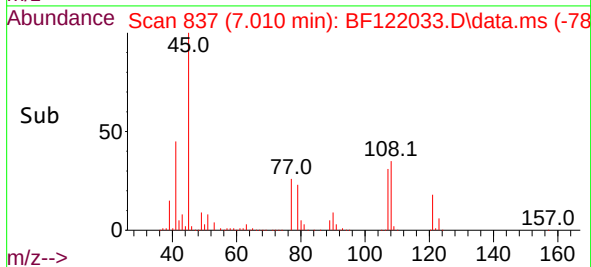
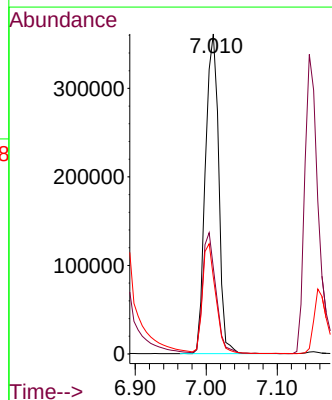
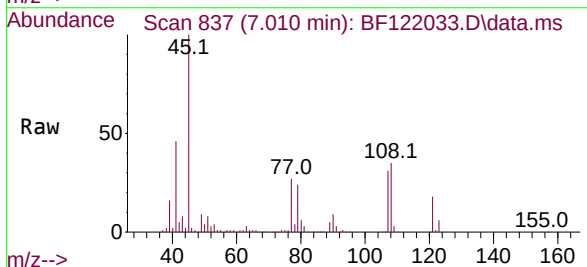
Instrument :
BNA_F
ClientSampleId :
5412MSD

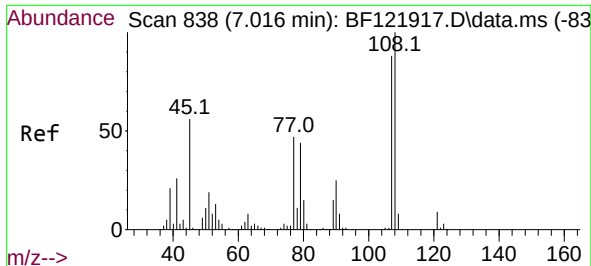
Tgt Ion: 79 Resp: 283430
Ion Ratio Lower Upper
79 100
108 78.2 62.3 93.5
77 62.5 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.25 ng
RT: 7.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 45 Resp: 469968
Ion Ratio Lower Upper
45 100
77 27.0 0.0 33.3
79 24.0 0.0 30.4

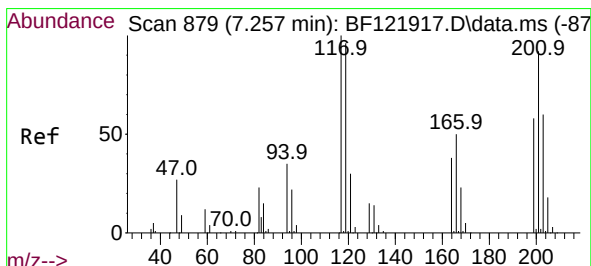
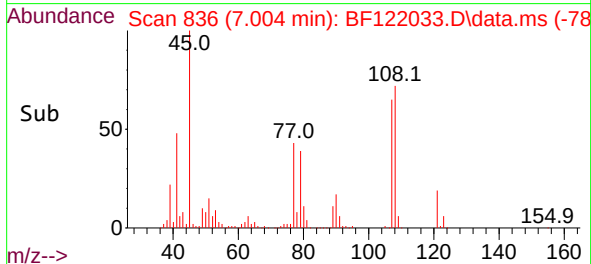
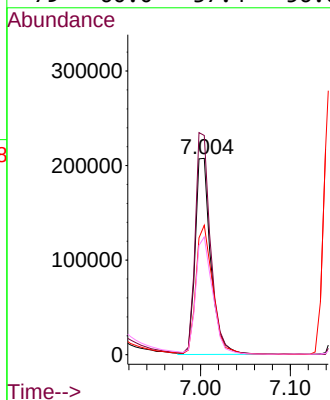
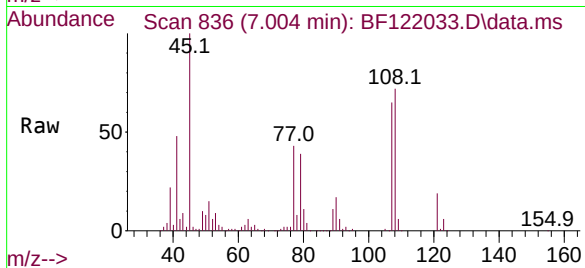




#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

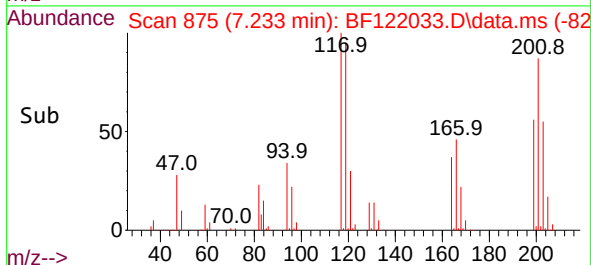
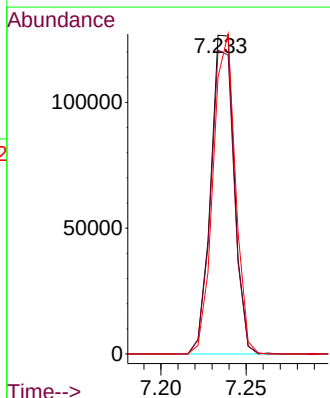
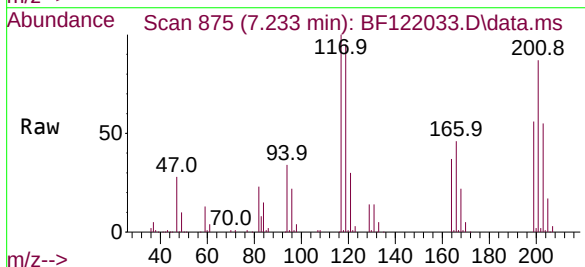
Instrument :
BNA_F
ClientSampleId :
5412MSD

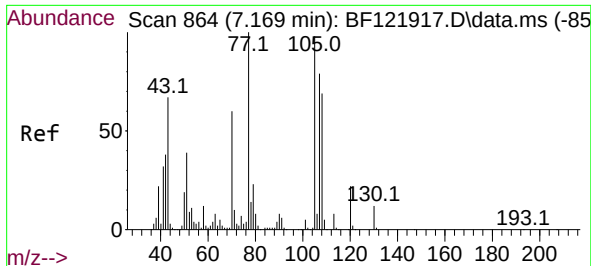
Tgt Ion:107 Resp: 249639
Ion Ratio Lower Upper
107 100
108 111.7 90.9 136.3
77 66.0 37.5 56.3#
79 60.0 37.4 56.0#



#18
Hexachloroethane
Concen: 41.93 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:117 Resp: 121679
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
201 86.9 71.8 107.6





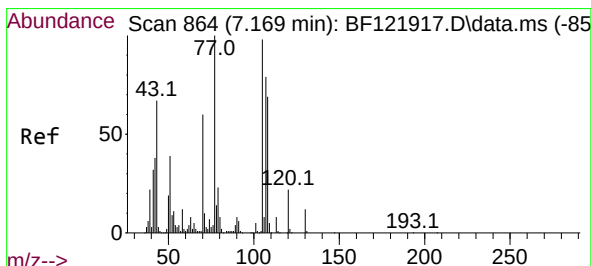
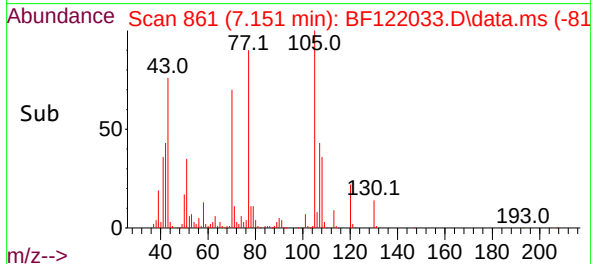
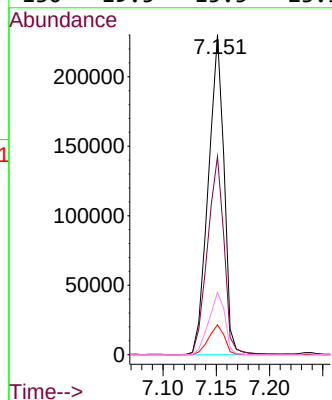
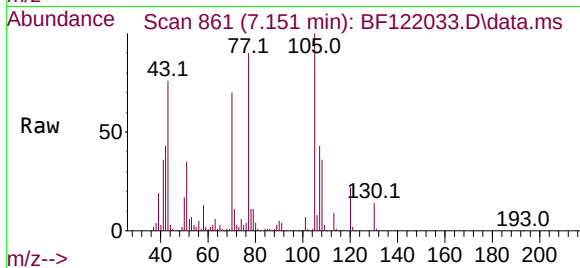
#19

n-Nitroso-di-n-propylamine
Concen: 45.98 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion: 70 Resp: 237196

Ion	Ratio	Lower	Upper
70	100		
42	62.0	50.2	75.4
101	9.3	7.5	11.3
130	19.5	15.5	23.3

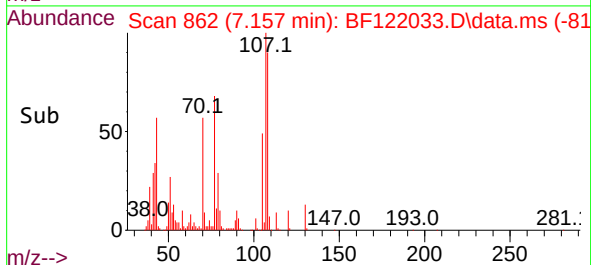
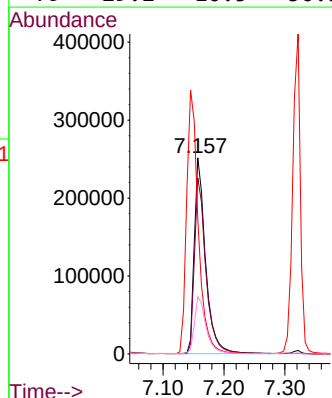
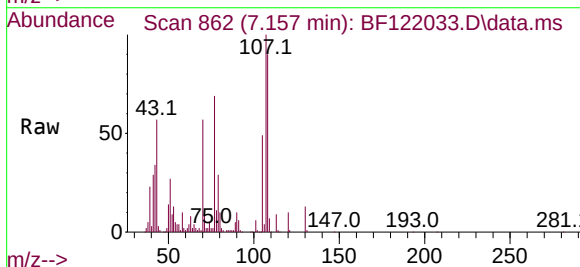


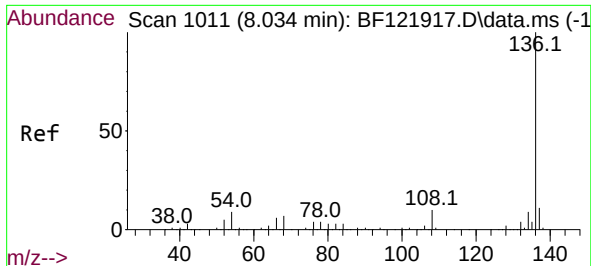
#20

3+4-Methylphenols
Concen: 44.12 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 107 Resp: 323587

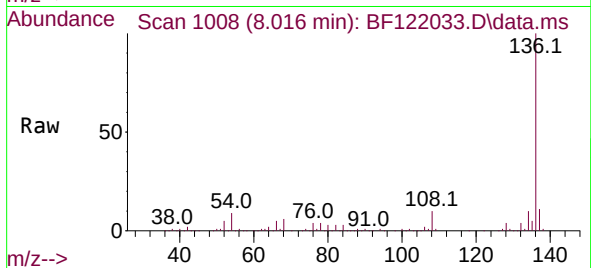
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.9	108.9
77	68.6	108.0	148.0#
79	29.2	10.5	50.5



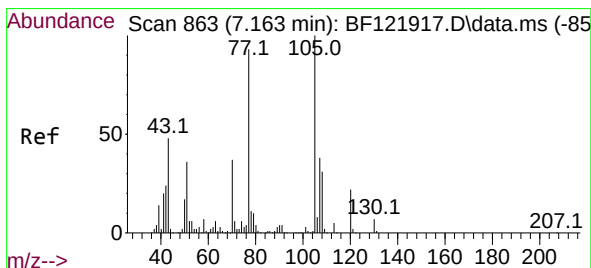
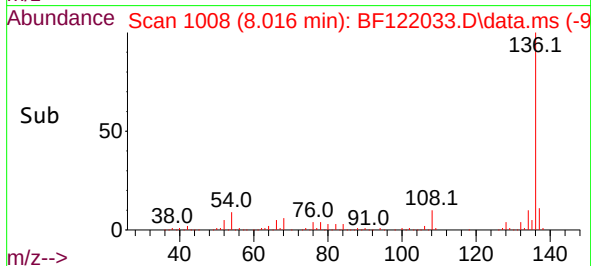
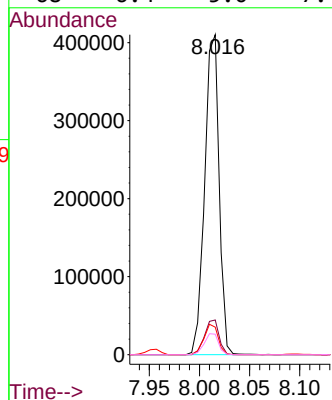


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

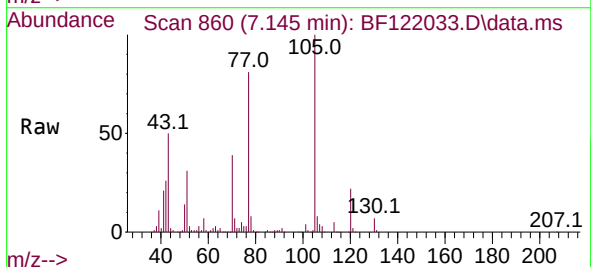
Instrument :
BNA_F
ClientSampleId :
5412MSD



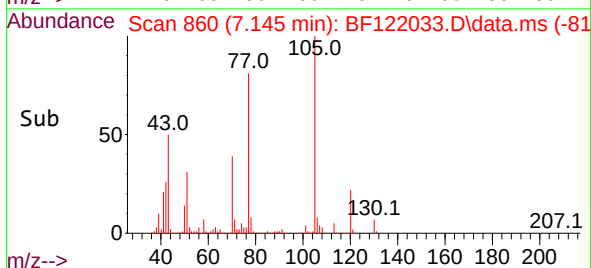
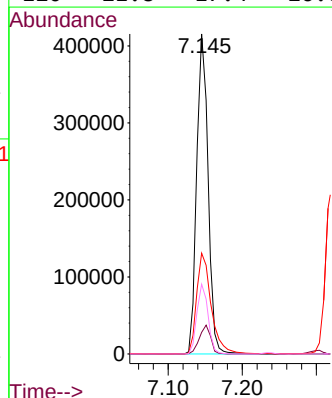
Tgt Ion:136 Resp: 412787
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.1 10.7
68 6.4 5.0 7.4

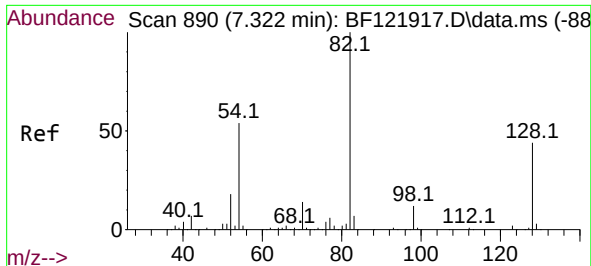


#22
Acetophenone
Concen: 41.66 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06



Tgt Ion:105 Resp: 442515
Ion Ratio Lower Upper
105 100
71 6.7 5.3 7.9
51 31.5 33.2 49.8#
120 21.8 17.4 26.0

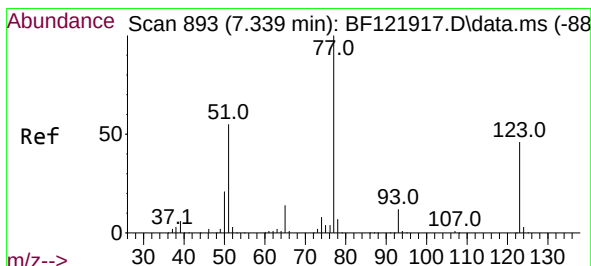
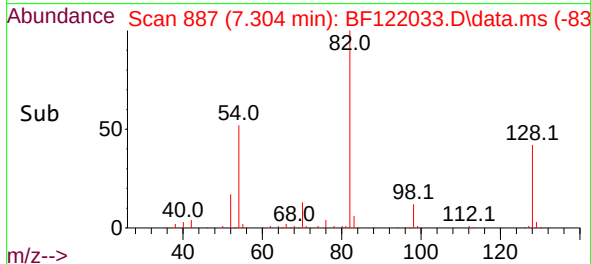
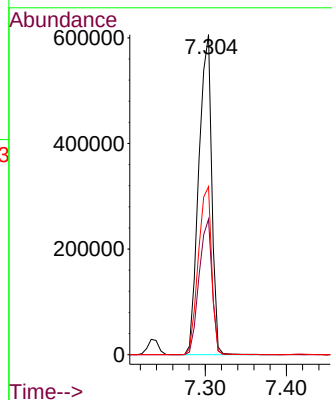
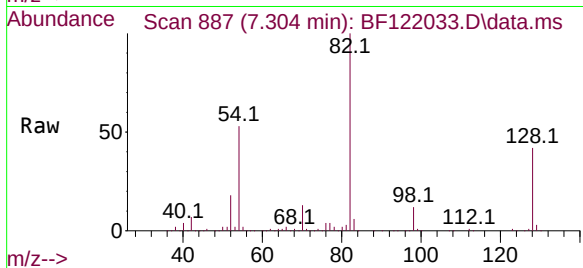




#23
Nitrobenzene-d5
Concen: 83.47 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

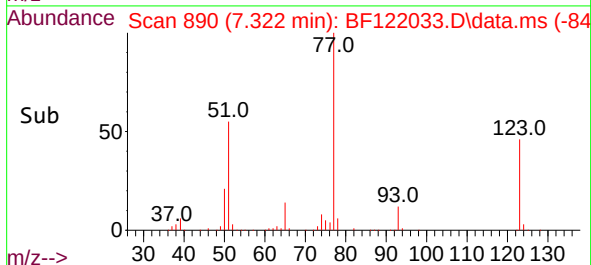
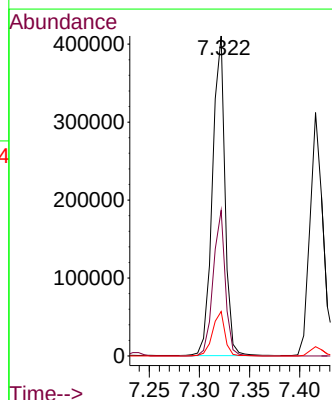
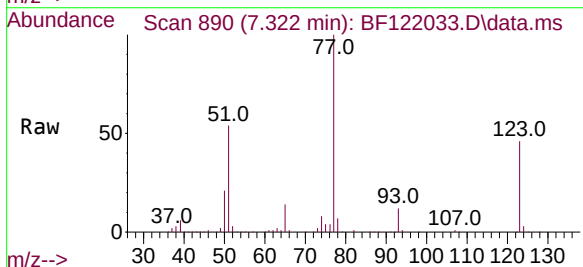
Instrument :
BNA_F
ClientSampleId :
5412MSD

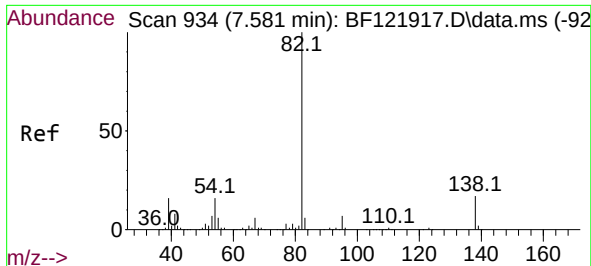
Tgt Ion: 82 Resp: 671864
Ion Ratio Lower Upper
82 100
128 42.3 35.0 52.4
54 52.5 43.9 65.9



#24
Nitrobenzene
Concen: 41.77 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 77 Resp: 359362
Ion Ratio Lower Upper
77 100
123 45.5 35.6 53.4
65 13.9 11.2 16.8

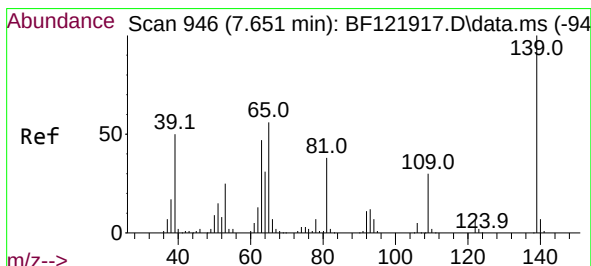
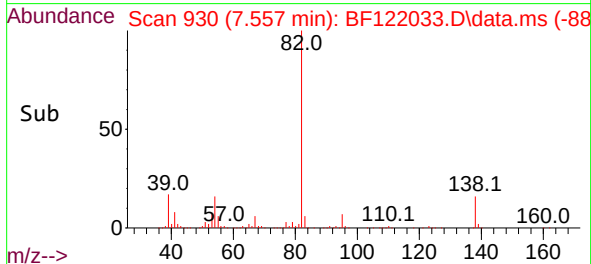
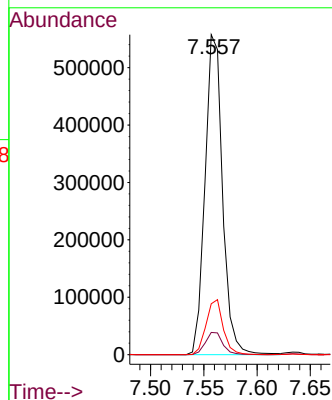
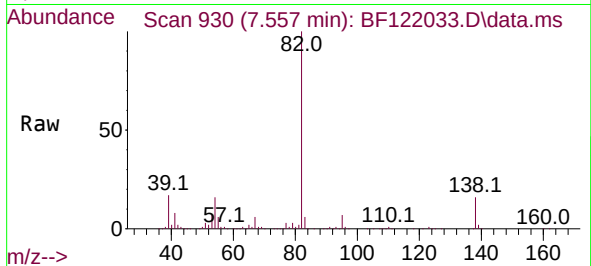




#25
Isophorone
Concen: 42.03 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

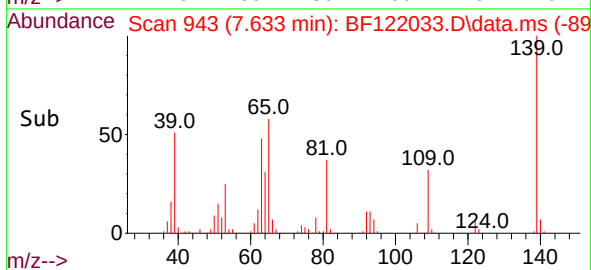
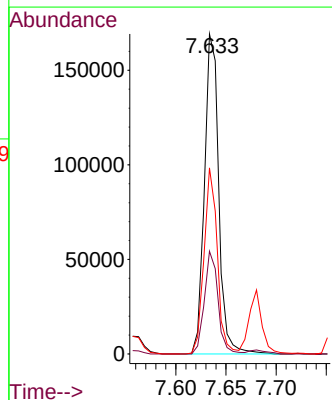
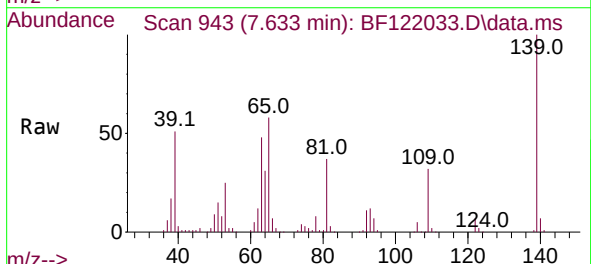
Instrument :
BNA_F
ClientSampleId :
5412MSD

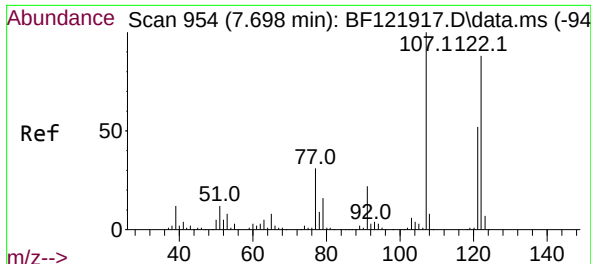
Tgt Ion: 82 Resp: 639594
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 15.9 13.4 20.0



#26
2-Nitrophenol
Concen: 42.55 ng
RT: 7.633 min Scan# 943
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:139 Resp: 168569
Ion Ratio Lower Upper
139 100
109 32.1 23.0 34.4
65 58.2 39.9 59.9

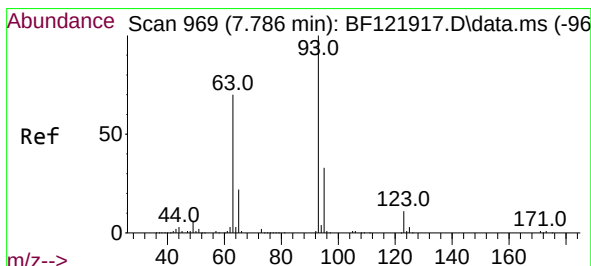
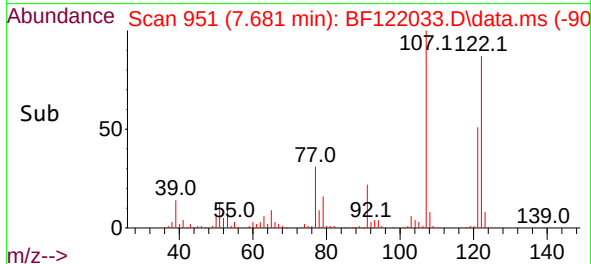
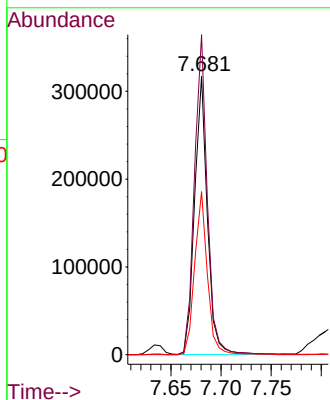
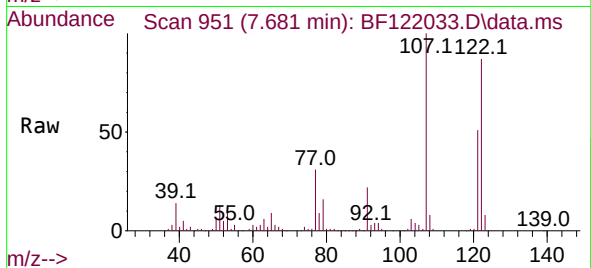




#27
2,4-Dimethylphenol
Concen: 41.60 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

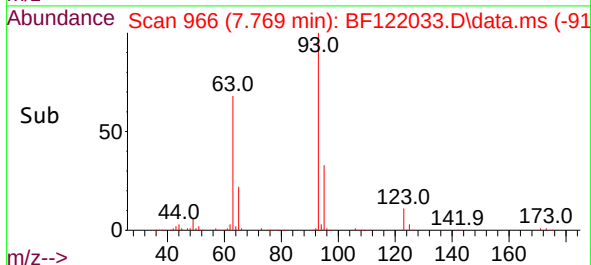
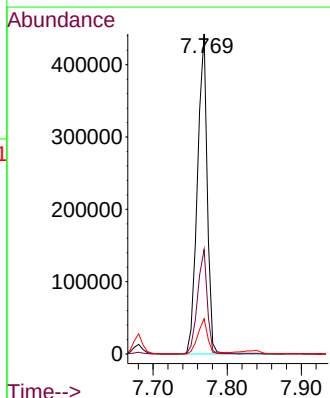
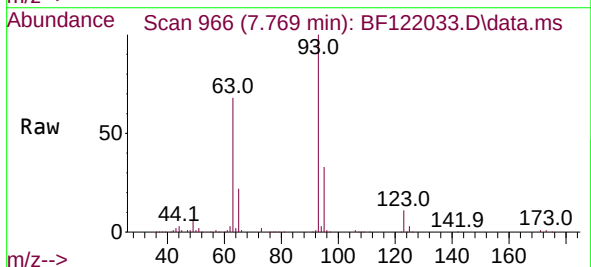
Instrument :
BNA_F
ClientSampleId :
5412MSD

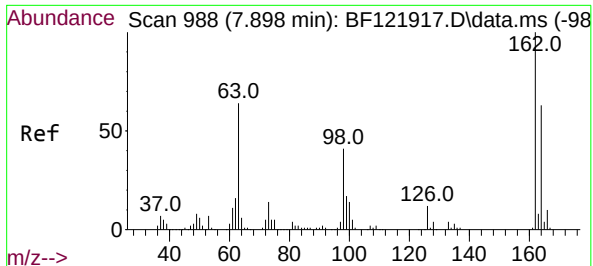
Tgt Ion:122 Resp: 280933
Ion Ratio Lower Upper
122 100
107 114.9 90.8 136.2
121 58.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.61 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 93 Resp: 405718
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 11.0 8.8 13.2

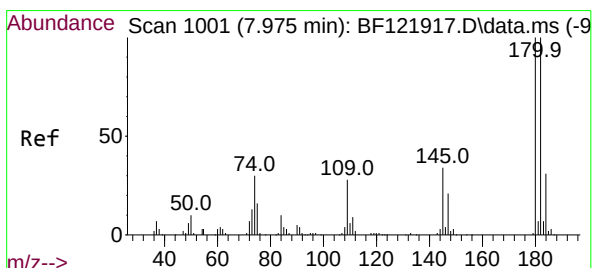
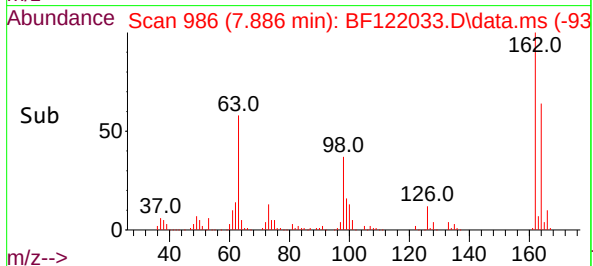
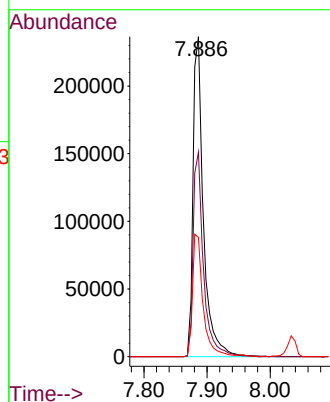
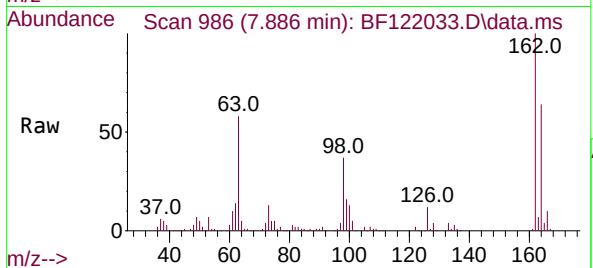




#29
2,4-Dichlorophenol
Concen: 42.61 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

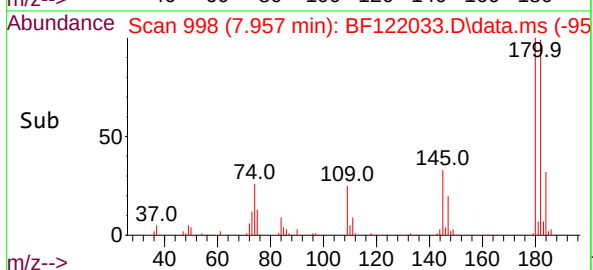
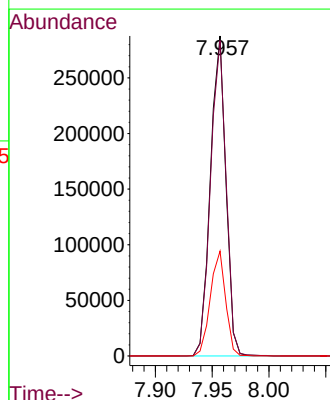
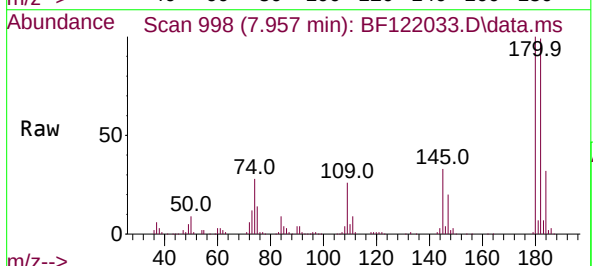
Instrument :
BNA_F
ClientSampleId :
5412MSD

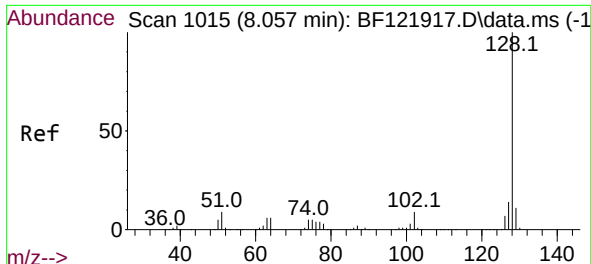
Tgt Ion:162 Resp: 269485
Ion Ratio Lower Upper
162 100
164 63.9 42.5 82.5
98 37.2 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 40.43 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:180 Resp: 271917
Ion Ratio Lower Upper
180 100
182 98.6 79.4 119.2
145 32.7 25.5 38.3

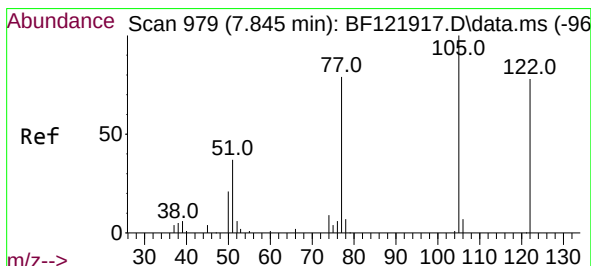
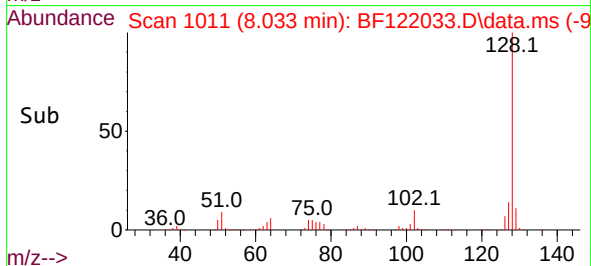
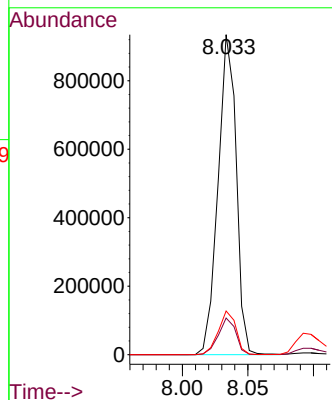
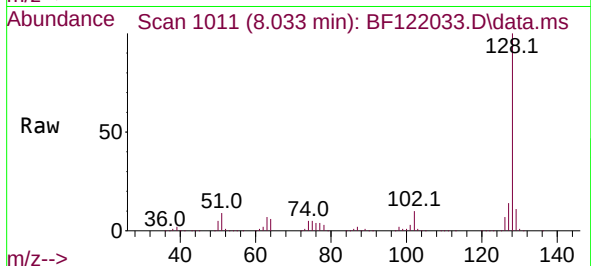




#31
Naphthalene
Concen: 40.62 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

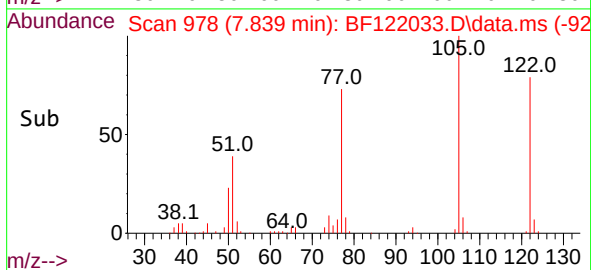
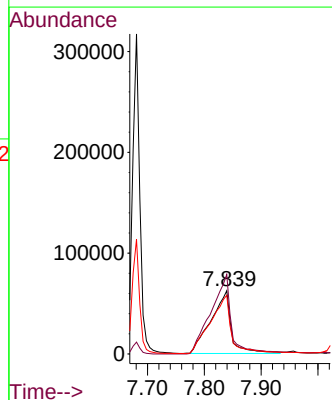
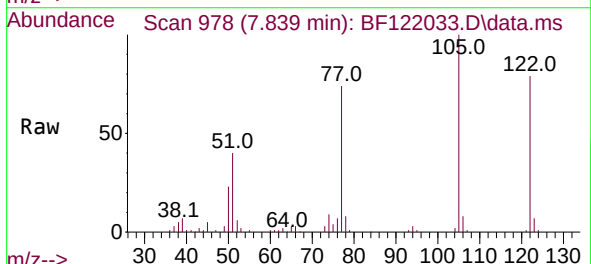
Instrument :
BNA_F
ClientSampleId :
5412MSD

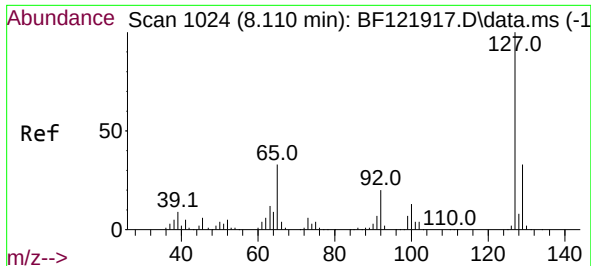
Tgt Ion:128 Resp: 898151
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 41.87 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:122 Resp: 157107
Ion Ratio Lower Upper
122 100
105 125.9 103.3 143.3
77 93.1 73.9 113.9



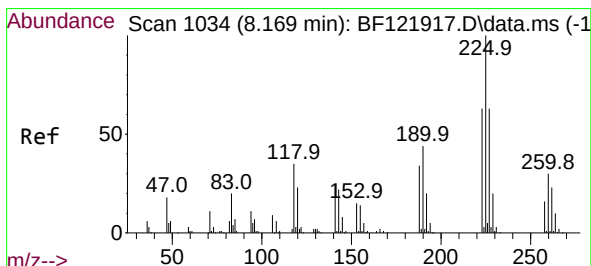
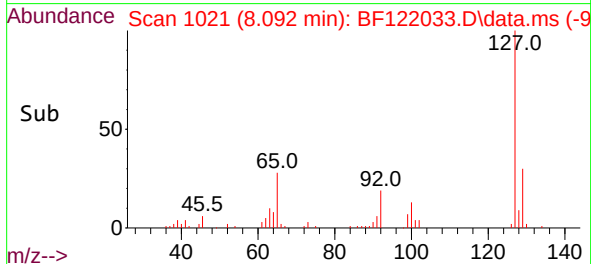
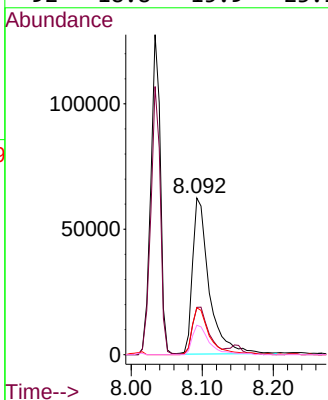
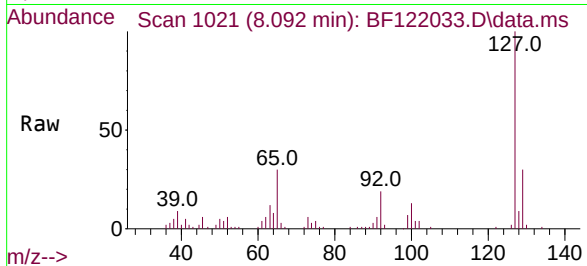


#33
4-Chloroaniline
Concen: 10.77 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion:127 Resp: 101448

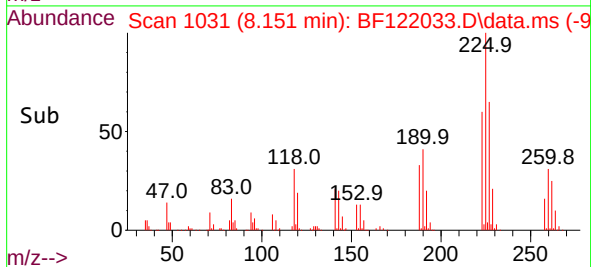
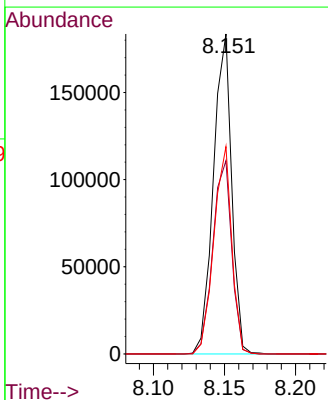
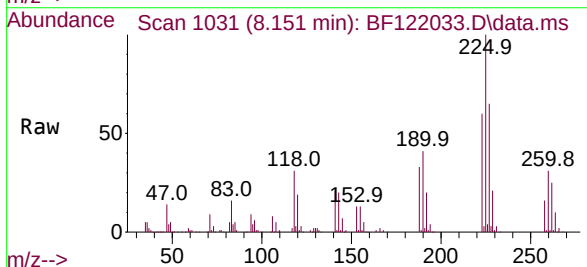
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.3	39.5
65	29.9	26.2	39.2
92	18.8	15.9	23.9

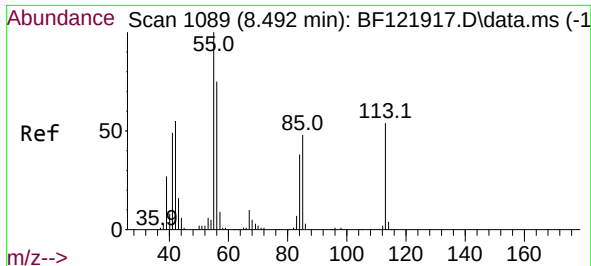


#34
Hexachlorobutadiene
Concen: 41.01 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:225 Resp: 163515

Ion	Ratio	Lower	Upper
225	100		
223	60.4	51.1	76.7
227	64.8	51.0	76.6

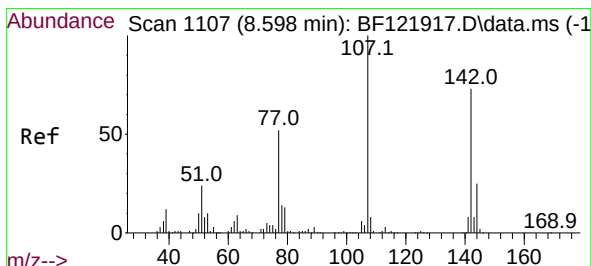
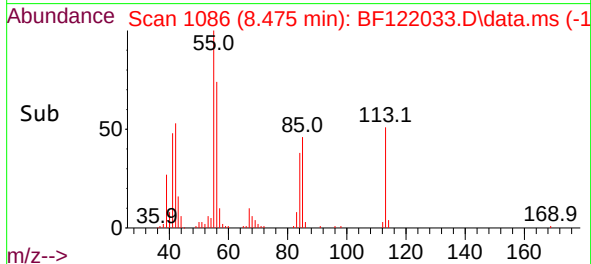
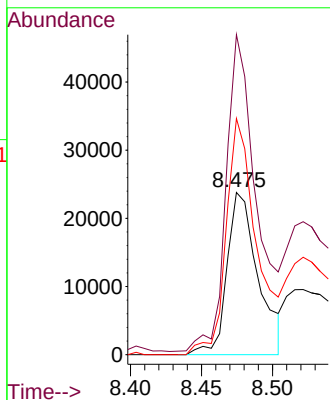
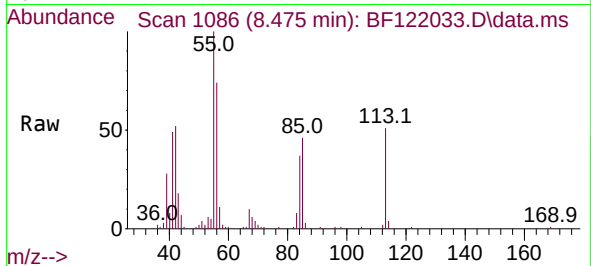




#35
Caprolactam
Concen: 18.11 ng
RT: 8.475 min Scan# 1086
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

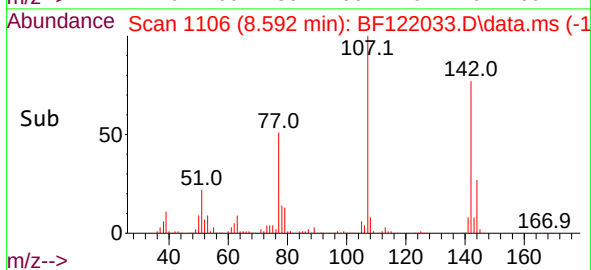
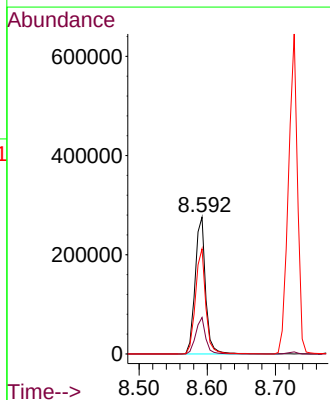
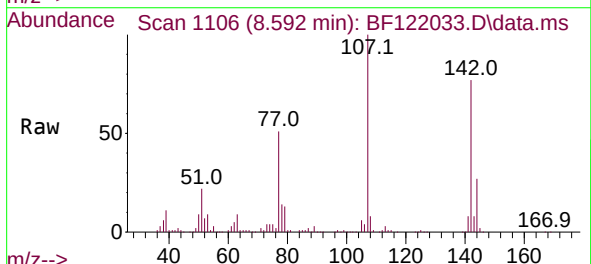
Instrument :
BNA_F
ClientSampleId :
5412MSD

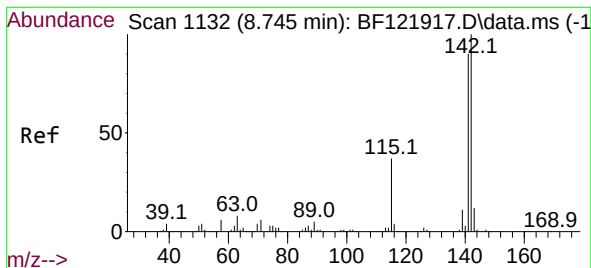
Tgt Ion:113 Resp: 36368
Ion Ratio Lower Upper
113 100
55 197.1 167.5 207.5
56 145.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 43.24 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:107 Resp: 293742
Ion Ratio Lower Upper
107 100
144 26.7 20.1 30.1
142 76.8 59.3 88.9

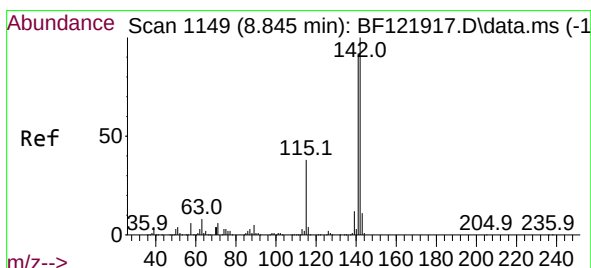
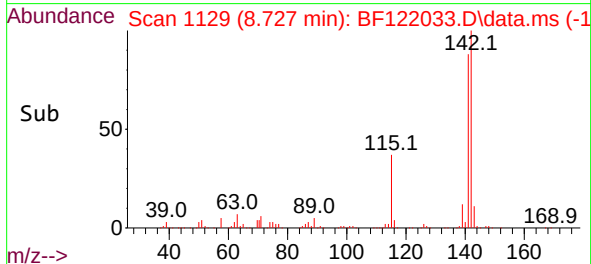
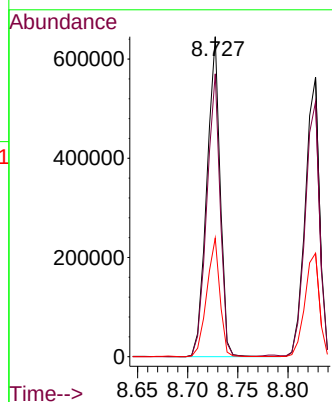
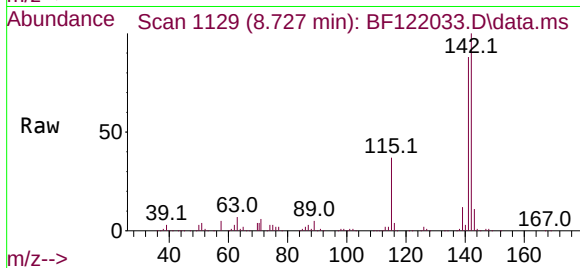




#37
2-Methylnaphthalene
Concen: 41.90 ng
RT: 8.727 min Scan# 1129
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

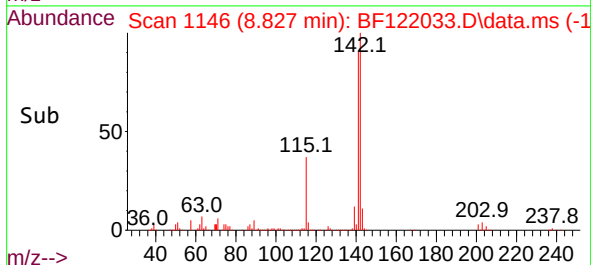
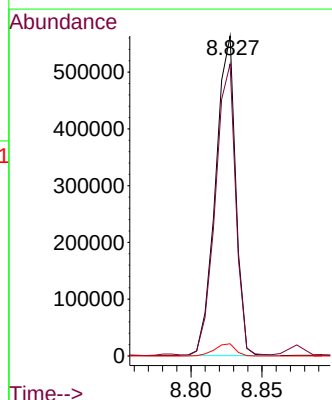
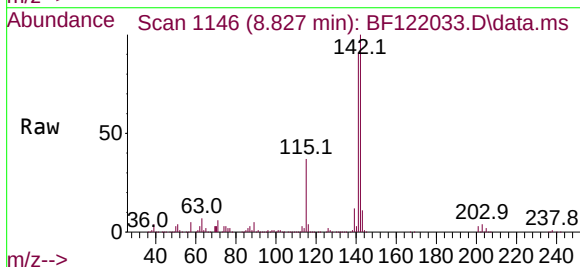
Instrument :
BNA_F
ClientSampled :
5412MSD

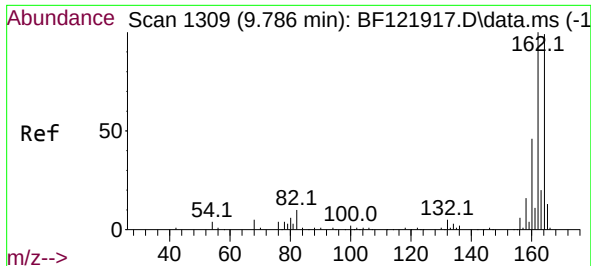
Tgt Ion:142 Resp: 600157
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 37.1 28.6 43.0



#38
1-Methylnaphthalene
Concen: 41.77 ng
RT: 8.827 min Scan# 1146
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:142 Resp: 554009
Ion Ratio Lower Upper
142 100
141 91.3 74.5 111.7
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

Instrument :

BNA_F

ClientSampleId :

5412MSD

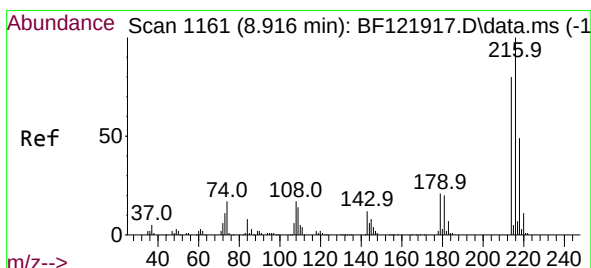
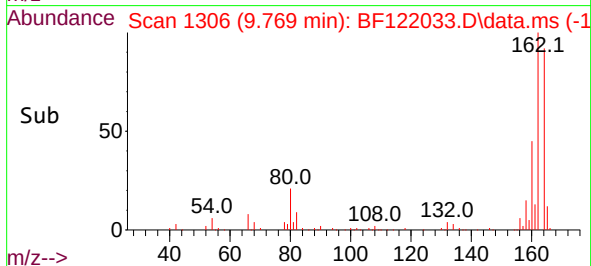
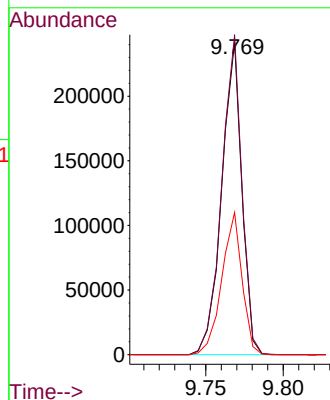
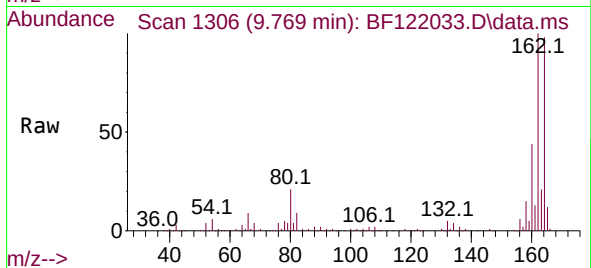
Tgt Ion:164 Resp: 217924

Ion Ratio Lower Upper

164 100

162 102.3 83.2 124.8

160 45.5 37.5 56.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.43 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

Tgt Ion:216 Resp: 284359

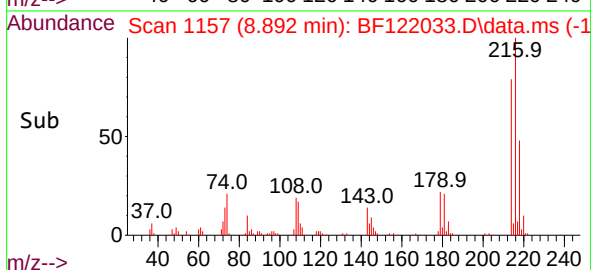
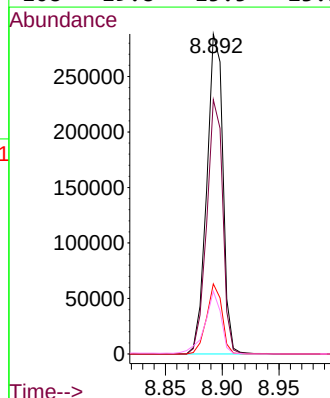
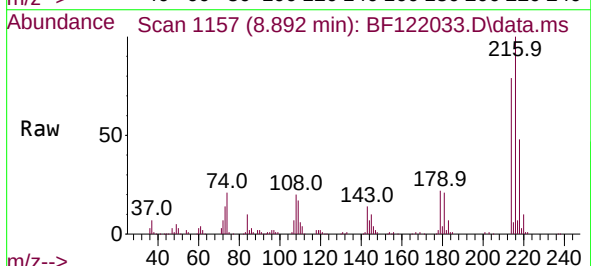
Ion Ratio Lower Upper

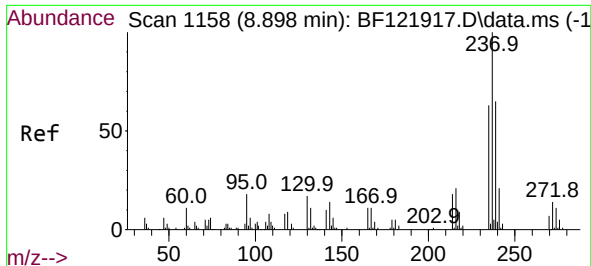
216 100

214 78.6 63.4 95.2

179 20.8 17.0 25.6

108 19.8 15.5 23.3

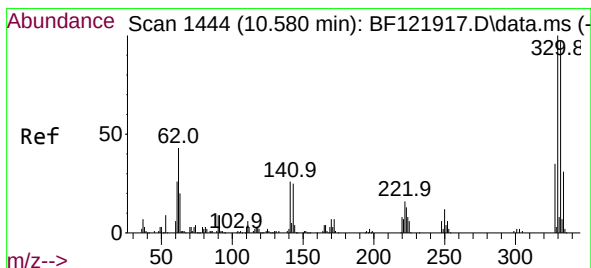
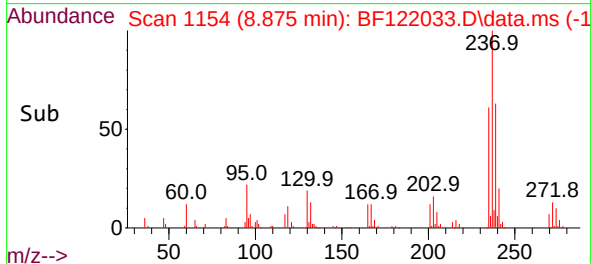
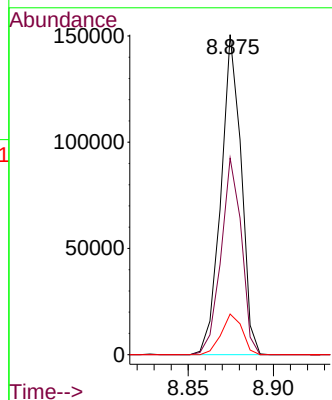
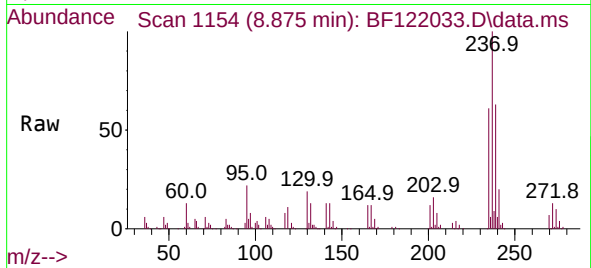




#41
Hexachlorocyclopentadiene
Concen: 63.43 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

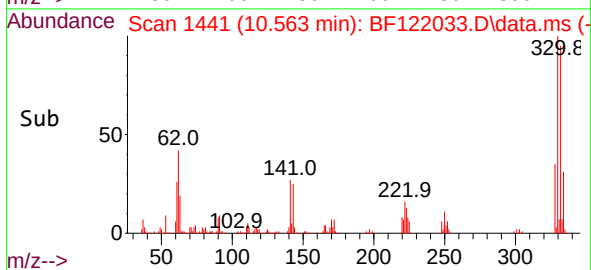
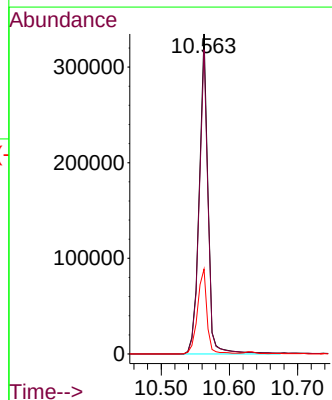
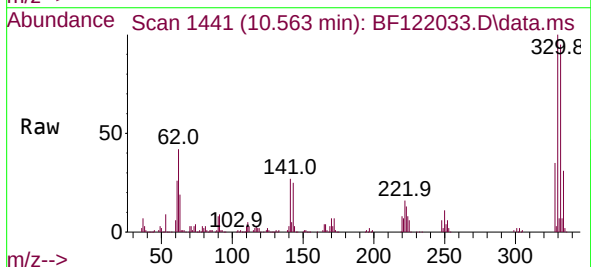
Instrument :
BNA_F
ClientSampleId :
5412MSD

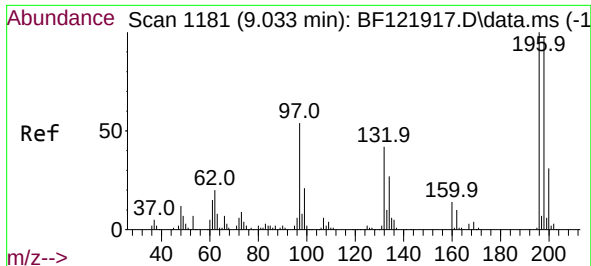
Tgt Ion:237 Resp: 124153
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 111.18 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:330 Resp: 299712
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.6 22.3 33.5

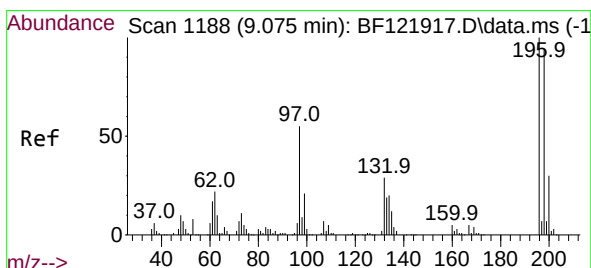
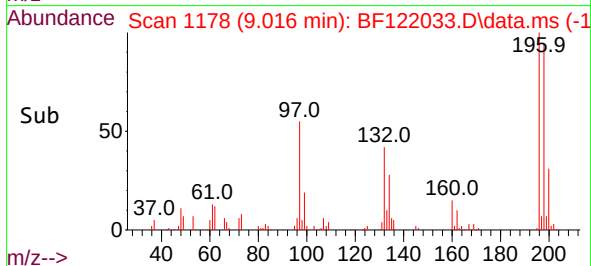
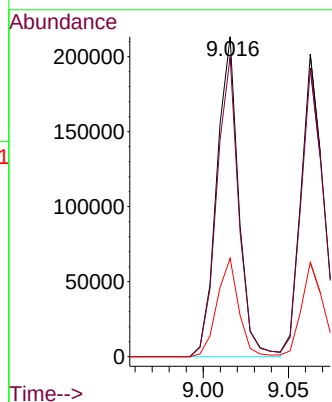
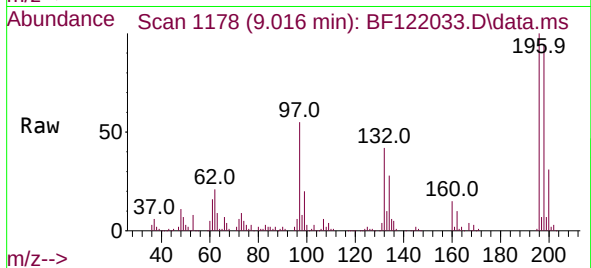




#43
2,4,6-Trichlorophenol
Concen: 43.99 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

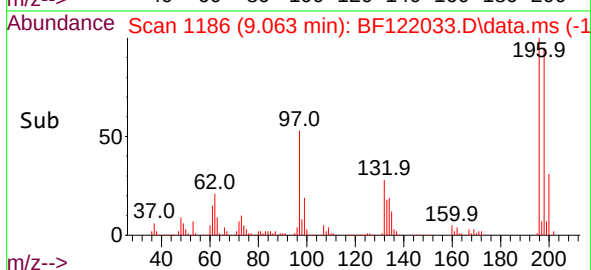
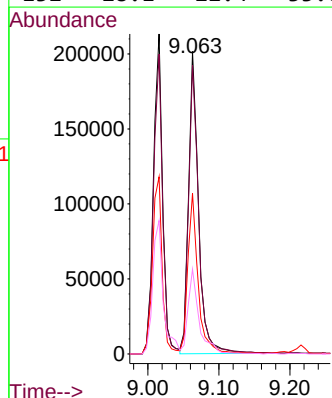
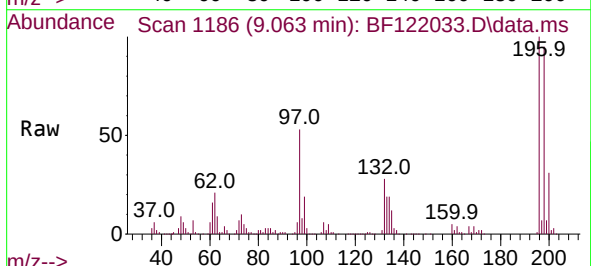
Instrument :
BNA_F
ClientSampleId :
5412MSD

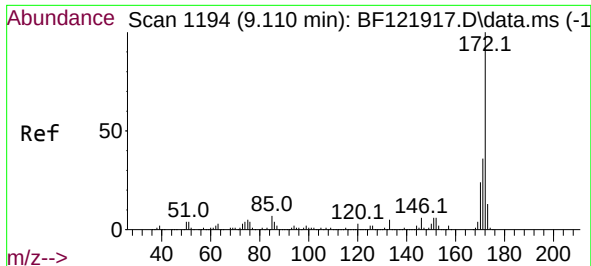
Tgt Ion:196 Resp: 190907
Ion Ratio Lower Upper
196 100
198 93.8 75.8 113.6
200 30.8 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 42.28 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:196 Resp: 198137
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 53.1 41.0 61.6
132 28.1 22.4 33.6

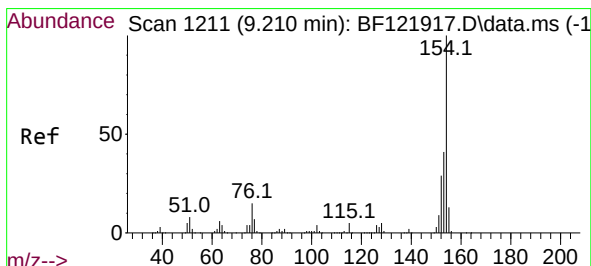
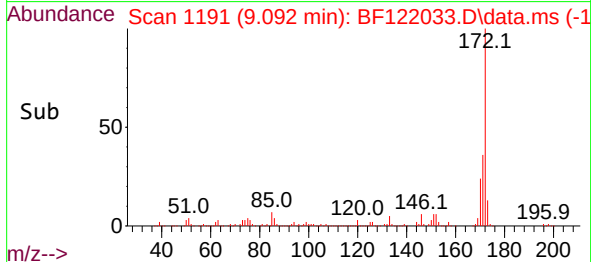
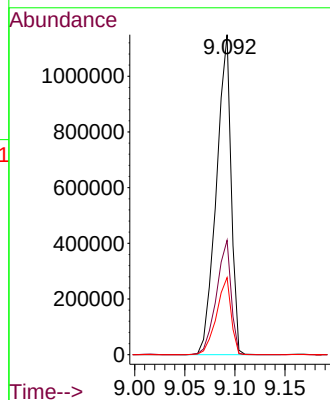
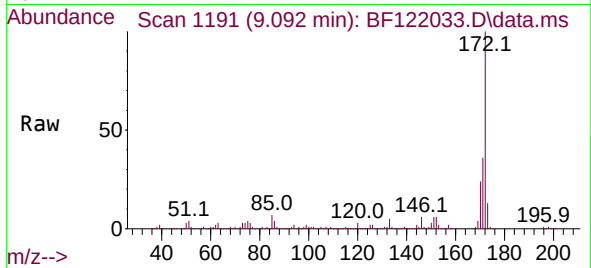




#45
2-Fluorobiphenyl
Concen: 78.96 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

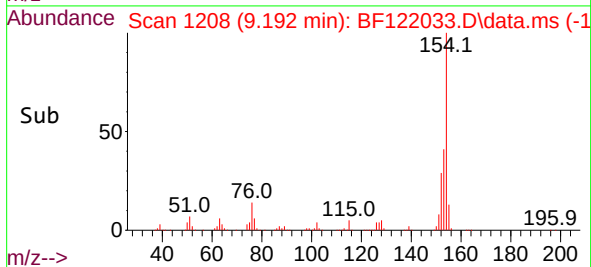
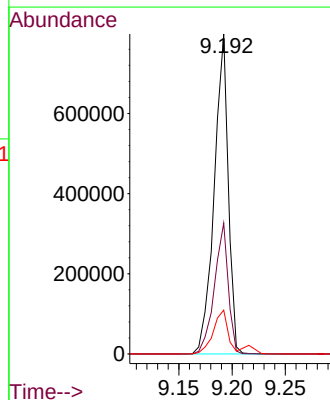
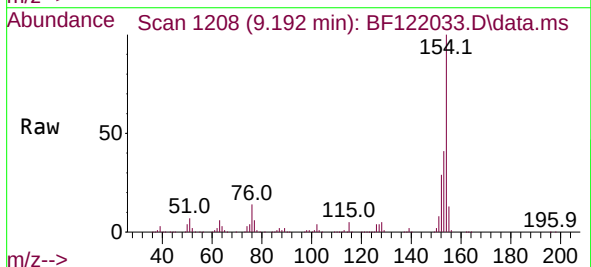
Instrument :
BNA_F
ClientSampleId :
5412MSD

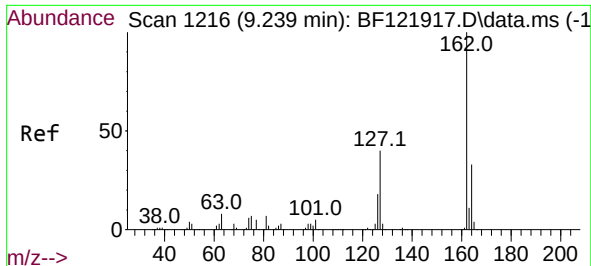
Tgt Ion:172 Resp: 1169450
Ion Ratio Lower Upper
172 100
171 35.8 29.1 43.7
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 41.25 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:154 Resp: 730892
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 13.7 0.0 34.7



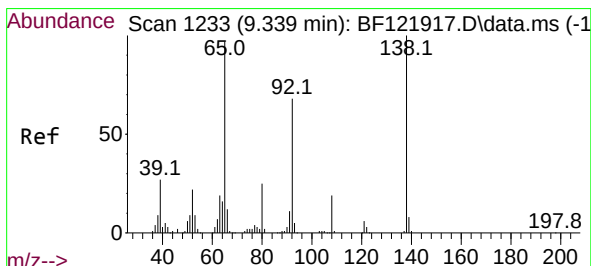
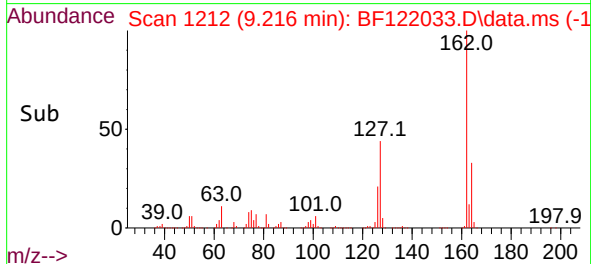
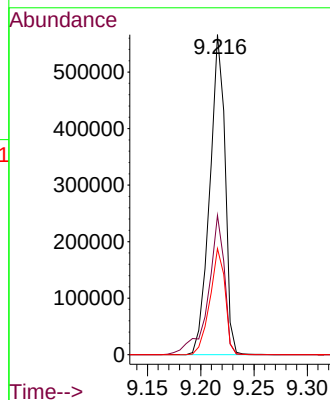
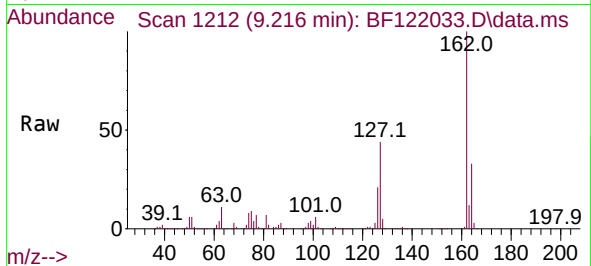


#47
2-Chloronaphthalene
Concen: 40.96 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion:162 Resp: 564426

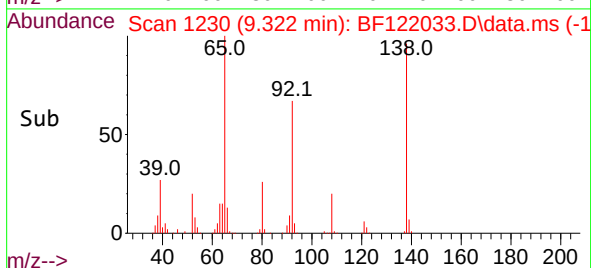
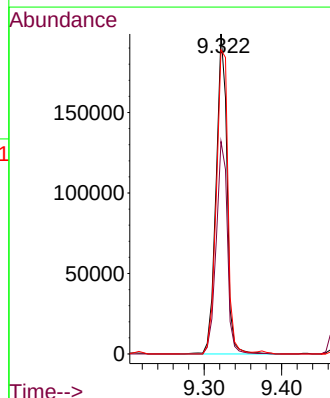
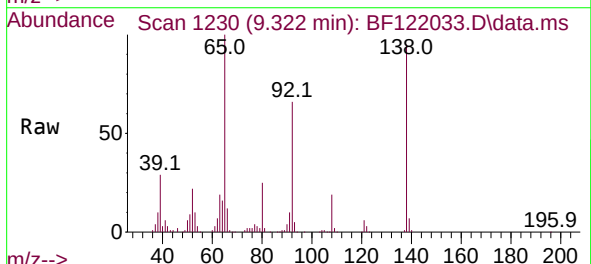
Ion	Ratio	Lower	Upper
162	100		
127	43.5	34.4	51.6
164	33.2	26.3	39.5

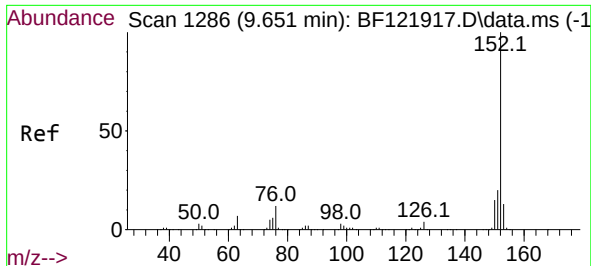


#48
2-Nitroaniline
Concen: 42.96 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 65 Resp: 195254

Ion	Ratio	Lower	Upper
65	100		
92	66.4	55.1	82.7
138	95.1	80.5	120.7





#49

Acenaphthylene

Concen: 40.27 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

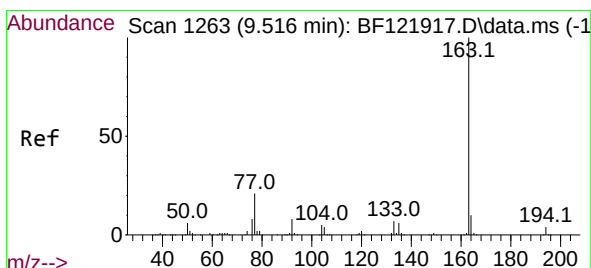
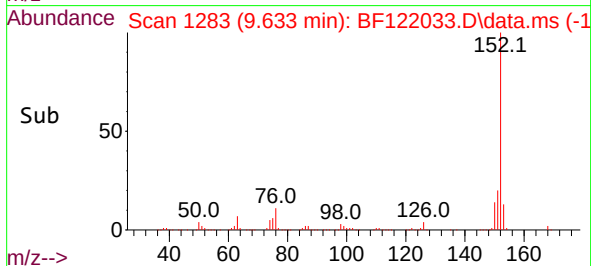
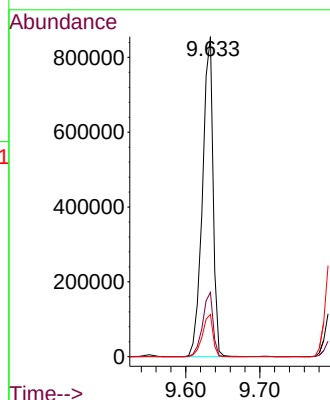
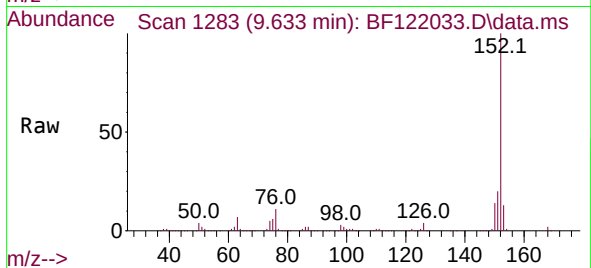
Tgt Ion:152 Resp: 852183

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 47.36 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

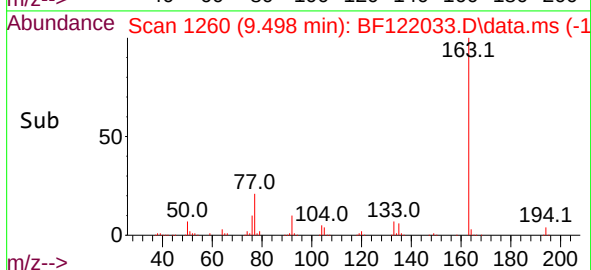
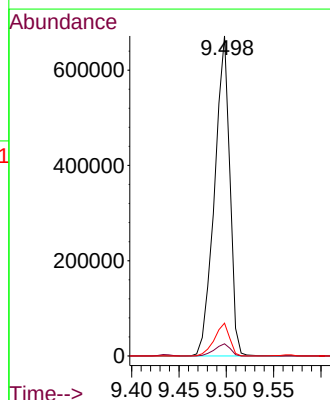
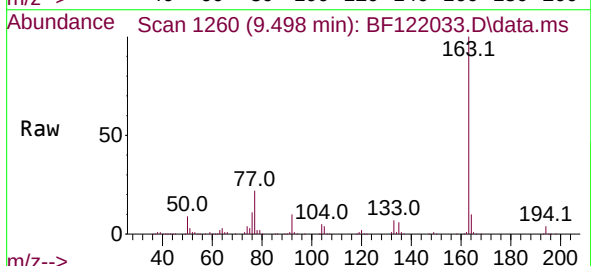
Tgt Ion:163 Resp: 754730

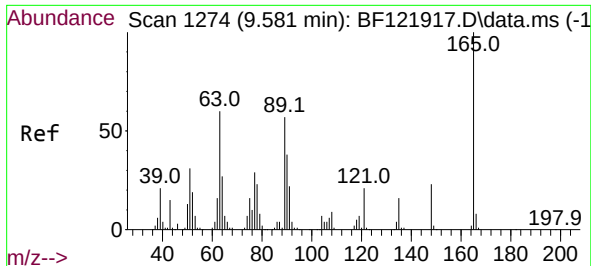
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.3 8.2 12.4

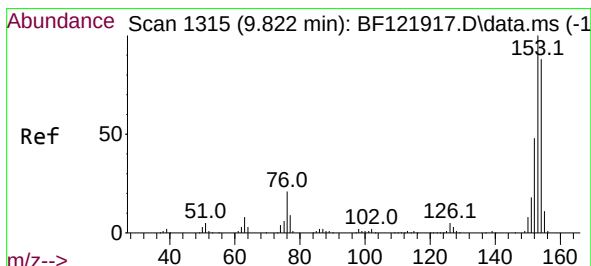
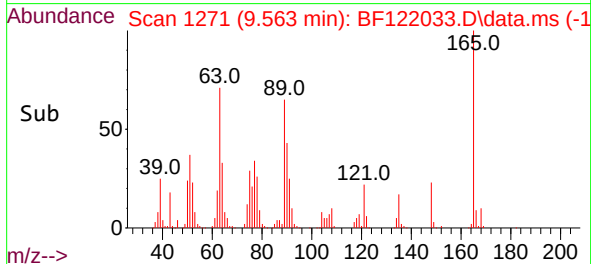
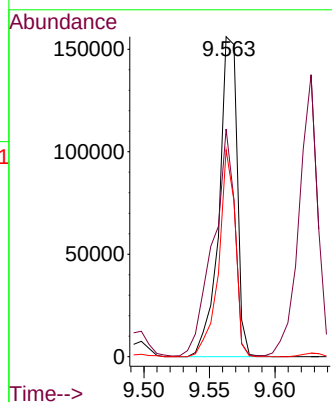
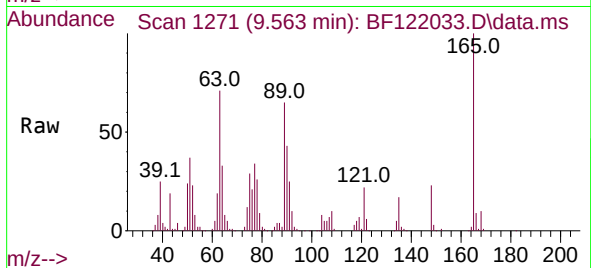




#51
2,6-Dinitrotoluene
Concen: 42.99 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

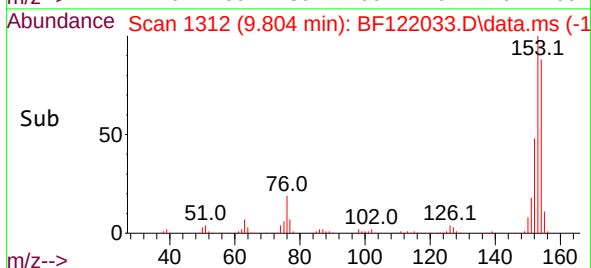
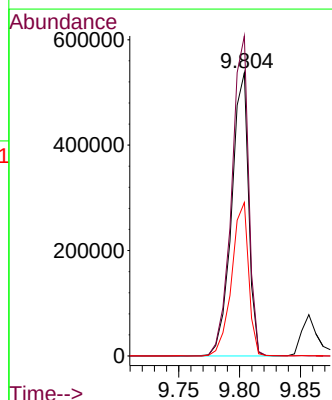
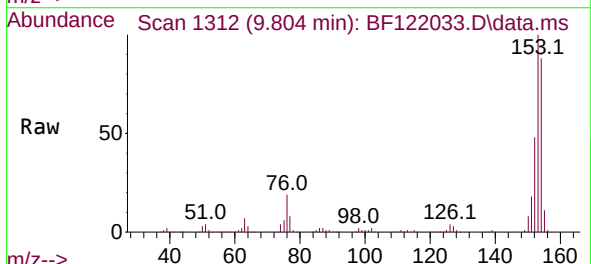
Instrument :
BNA_F
ClientSampled :
5412MSD

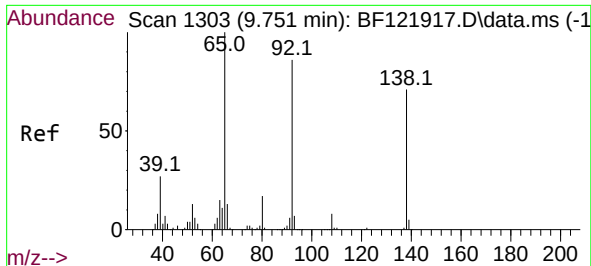
Tgt Ion:165 Resp: 150281
Ion Ratio Lower Upper
165 100
63 71.1 51.8 77.6
89 64.6 49.0 73.6



#52
Acenaphthene
Concen: 41.39 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:154 Resp: 521084
Ion Ratio Lower Upper
154 100
153 113.0 89.8 134.8
152 54.2 43.2 64.8

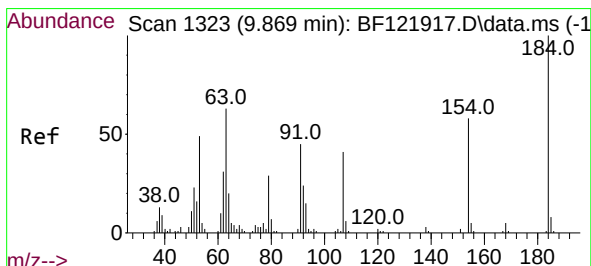
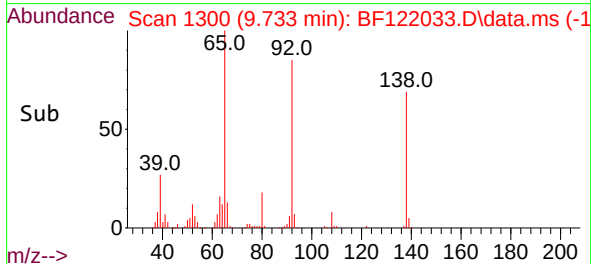
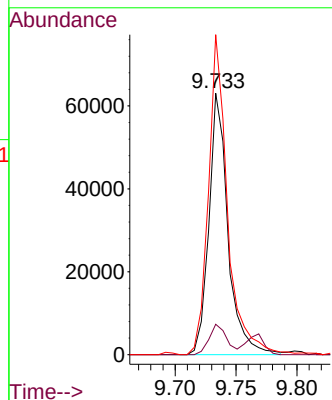
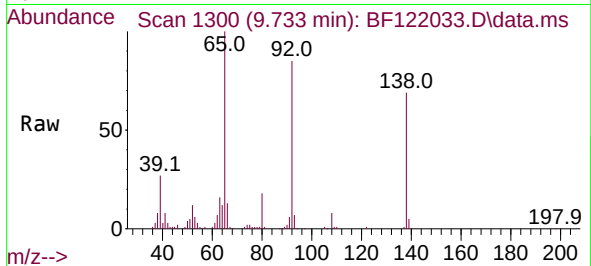




#53
3-Nitroaniline
Concen: 17.24 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

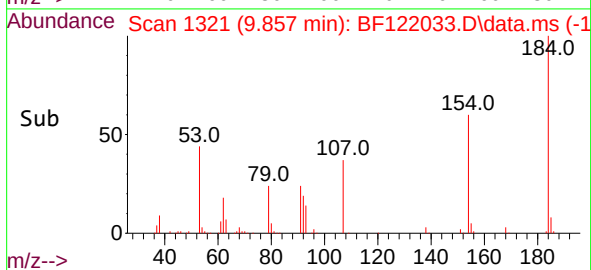
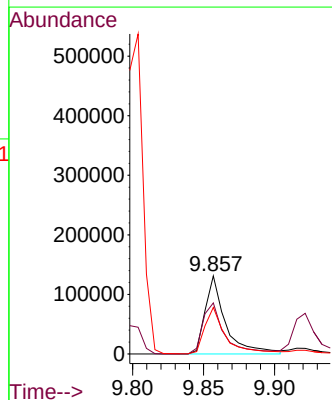
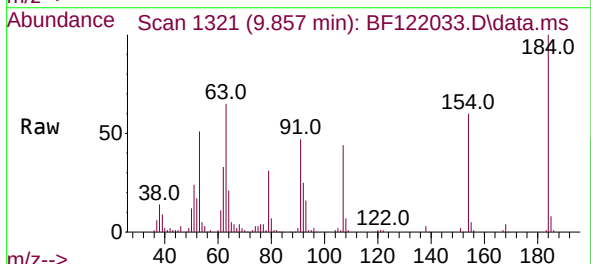
Instrument :
BNA_F
ClientSampleId :
5412MSD

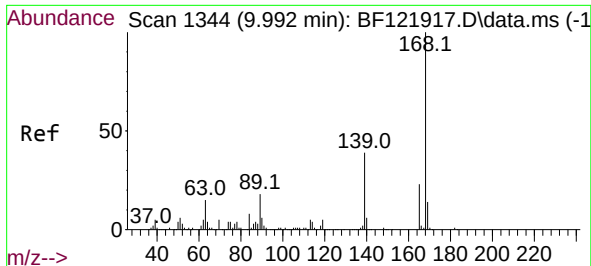
Tgt Ion:138 Resp: 68528
Ion Ratio Lower Upper
138 100
108 11.6 8.6 13.0
92 122.4 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 74.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:184 Resp: 131669
Ion Ratio Lower Upper
184 100
63 65.3 45.9 68.9
154 59.7 45.8 68.6





#55

Dibenzenofuran

Concen: 40.54 ng

RT: 9.974 min Scan# 1341

Delta R.T. -0.012 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

Tgt Ion:168 Resp: 746378

Ion Ratio Lower Upper

168 100

139 40.7 31.0 46.6

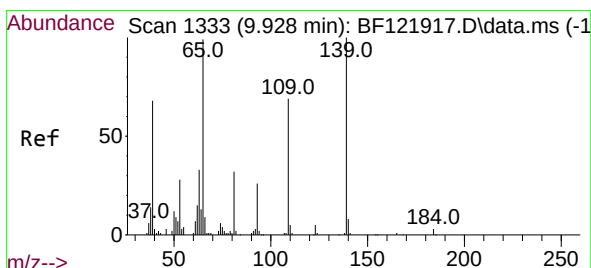
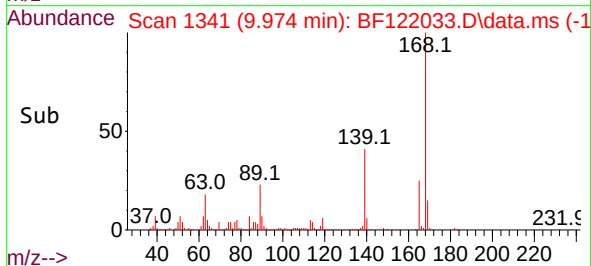
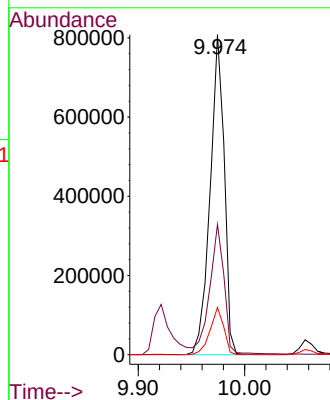
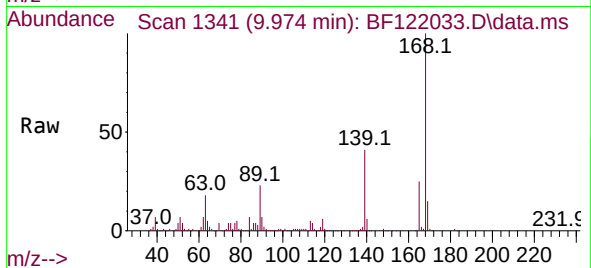
169 14.8 11.3 16.9

Instrument :

BNA_F

ClientSampleId :

5412MSD



#56

4-Nitrophenol

Concen: 67.26 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

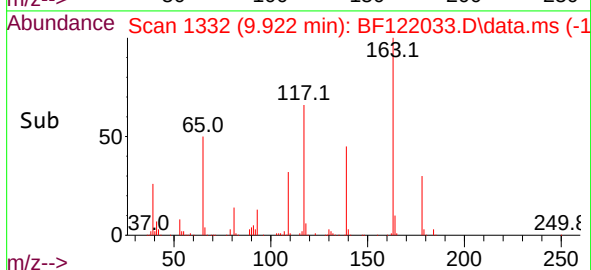
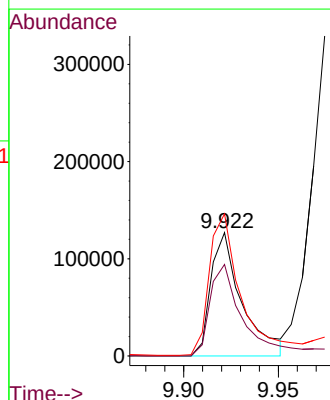
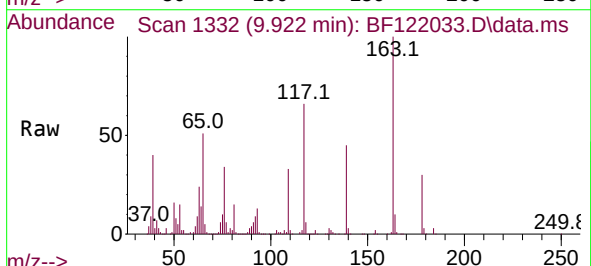
Tgt Ion:139 Resp: 145464

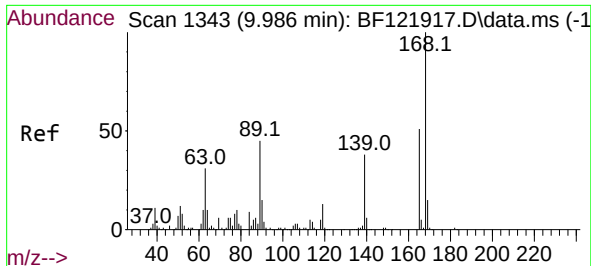
Ion Ratio Lower Upper

139 100

109 74.2 45.4 85.4

65 115.2 68.4 108.4#



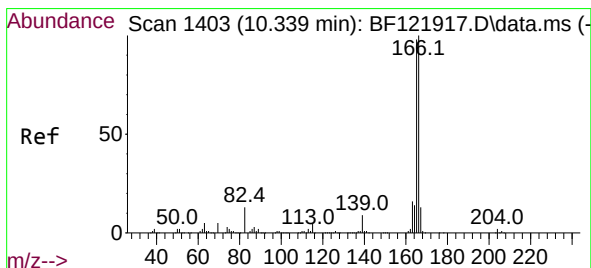
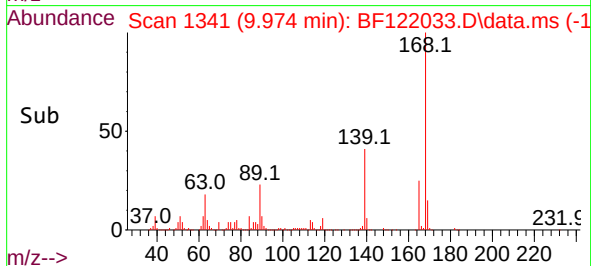
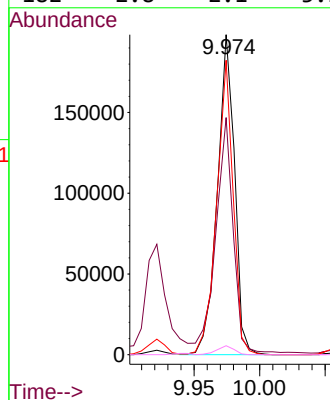
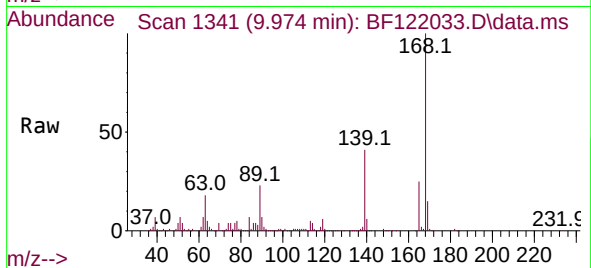


#57
2,4-Dinitrotoluene
Concen: 42.03 ng
RT: 9.974 min Scan# 1341
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion:165 Resp: 180856

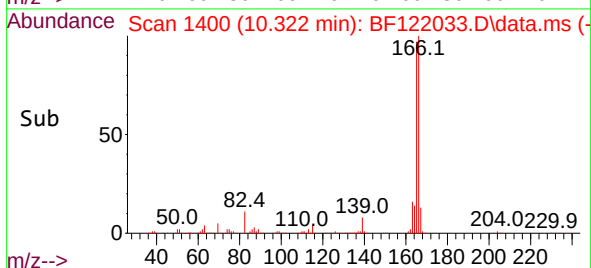
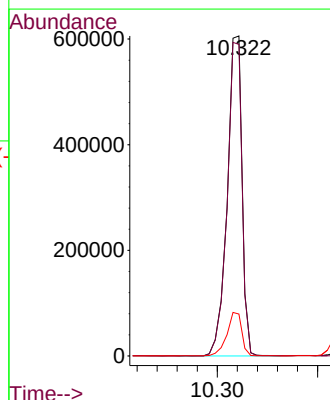
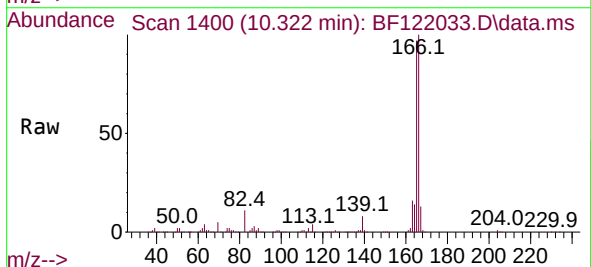
Ion	Ratio	Lower	Upper
165	100		
63	74.1	41.3	61.9#
89	92.0	61.8	92.8
182	2.8	2.1	3.1

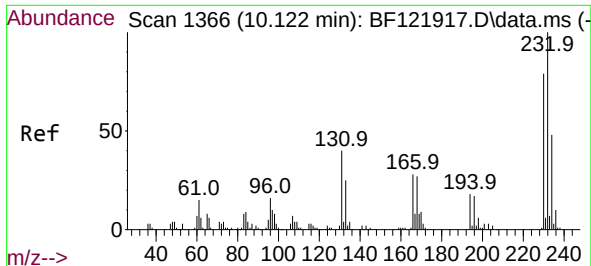


#58
Fluorene
Concen: 41.81 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:166 Resp: 620139

Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.1	118.7
167	13.1	11.0	16.6

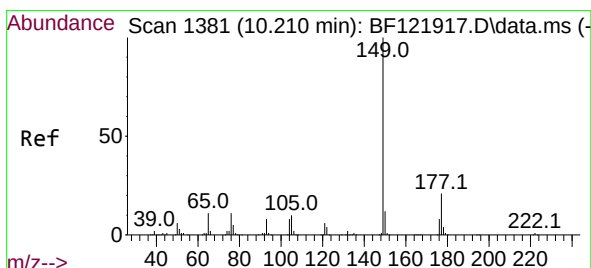
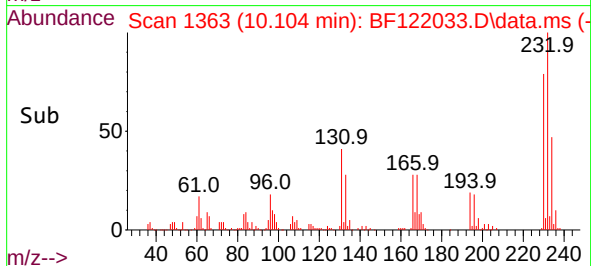
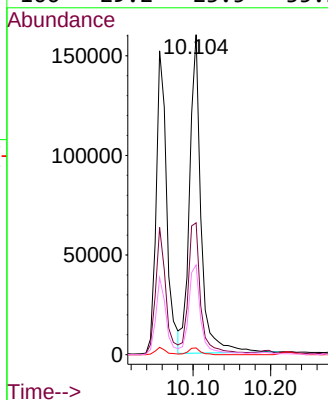
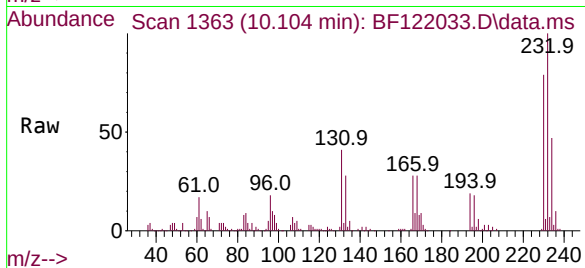




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.00 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

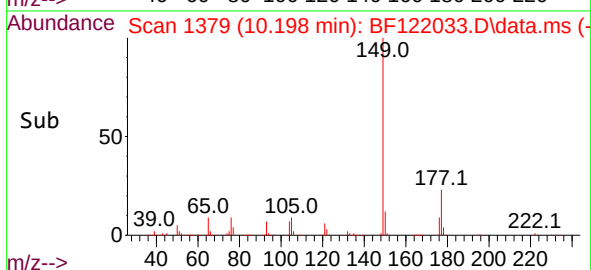
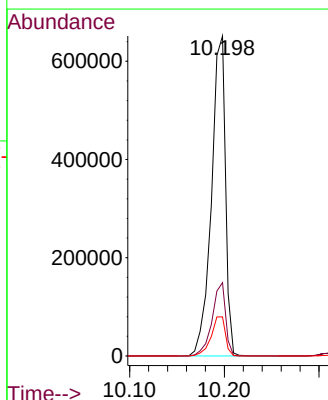
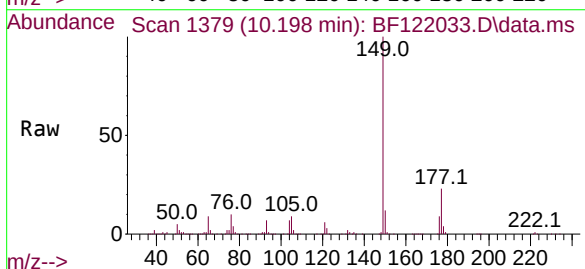
Instrument :
BNA_F
ClientSampleId :
5412MSD

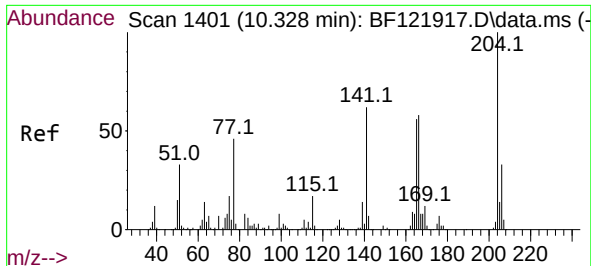
Tgt Ion:232 Resp: 163177
Ion Ratio Lower Upper
232 100
131 43.9 35.9 53.9
130 2.3 1.8 2.6
166 29.2 23.5 35.3



#60
Diethylphthalate
Concen: 43.47 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:149 Resp: 667985
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.2 10.3 15.5

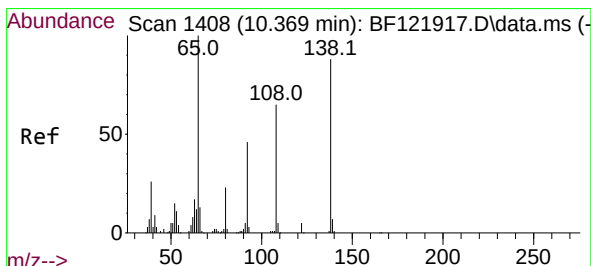
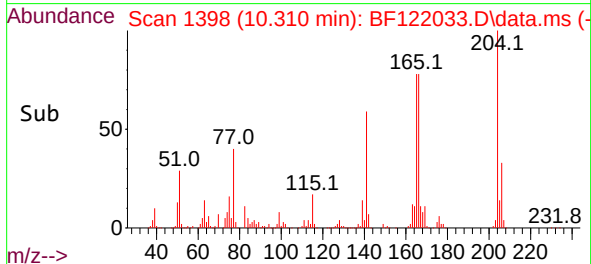
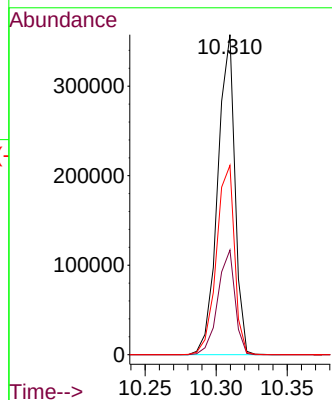
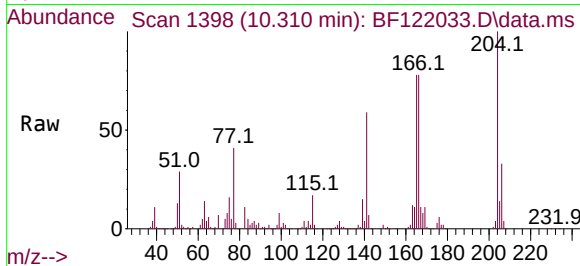




#61
4-Chlorophenyl-phenylether
Concen: 42.38 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

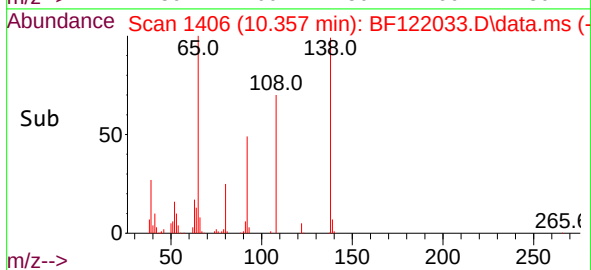
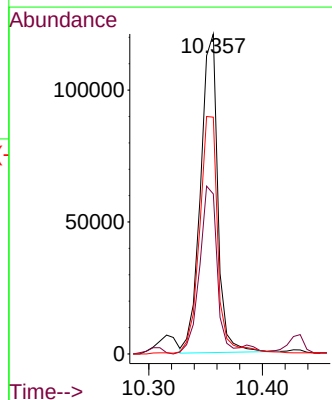
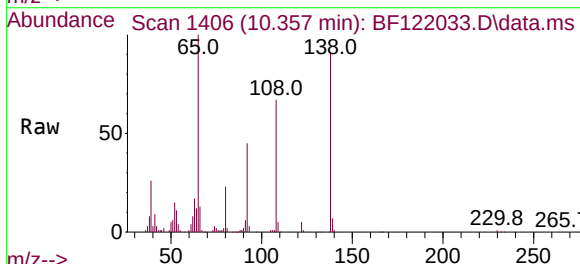
Instrument :
BNA_F
ClientSampleId :
5412MSD

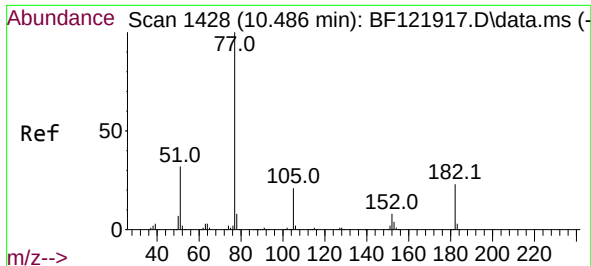
Tgt Ion:204 Resp: 301431
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 59.1 46.2 69.4



#62
4-Nitroaniline
Concen: 32.08 ng
RT: 10.357 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:138 Resp: 127412
Ion Ratio Lower Upper
138 100
92 50.0 31.0 71.0
108 74.0 51.5 91.5



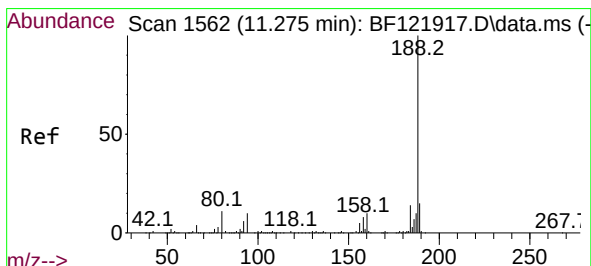
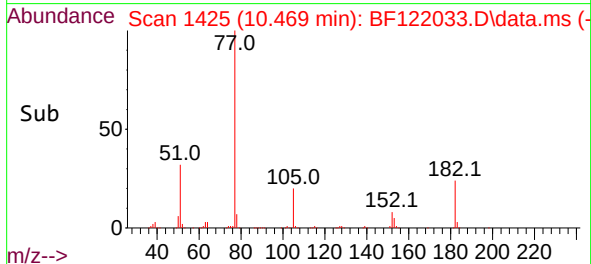
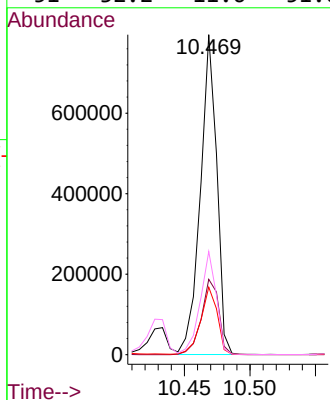
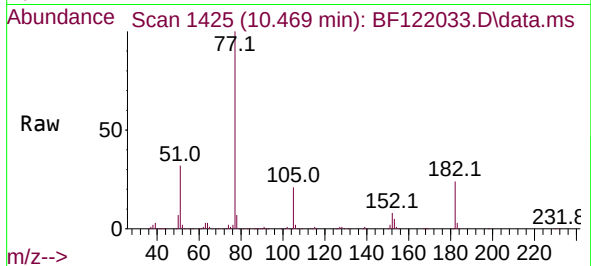


#63
Azobenzene
Concen: 42.61 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion: 77 Resp: 692470

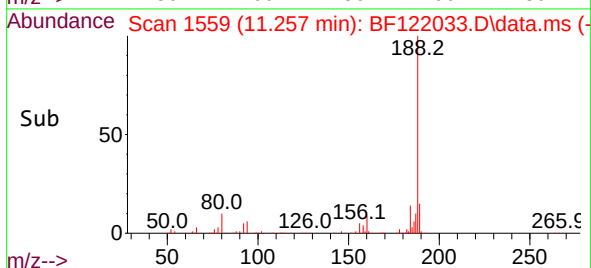
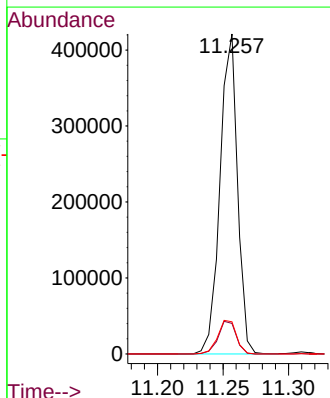
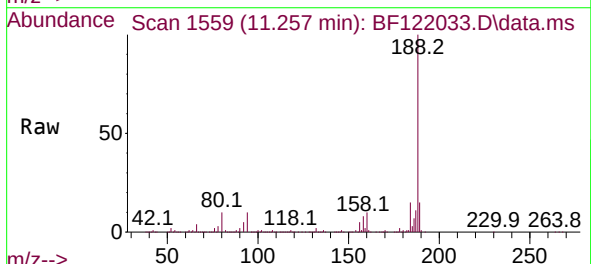
Ion	Ratio	Lower	Upper
77	100		
182	23.5	3.4	43.4
105	21.1	1.7	41.7
51	32.2	11.6	51.6

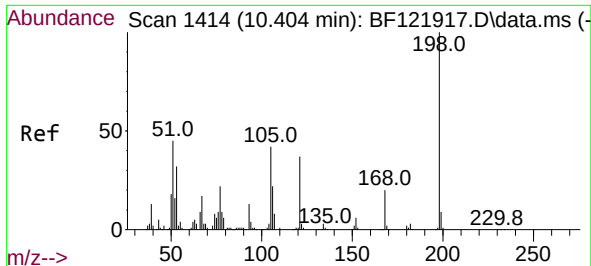


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion: 188 Resp: 389478

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.3	12.5
80	10.0	9.1	13.7

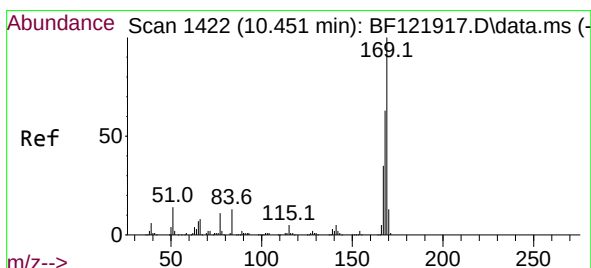
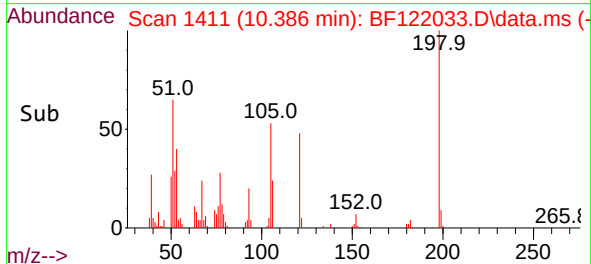
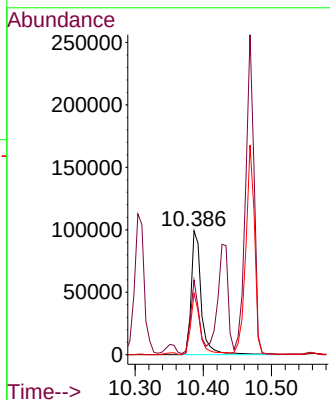
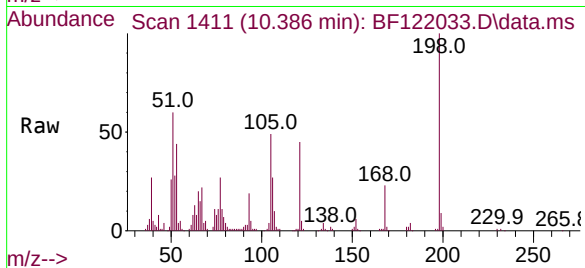




#65
4,6-Dinitro-2-methylphenol
Concen: 39.75 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

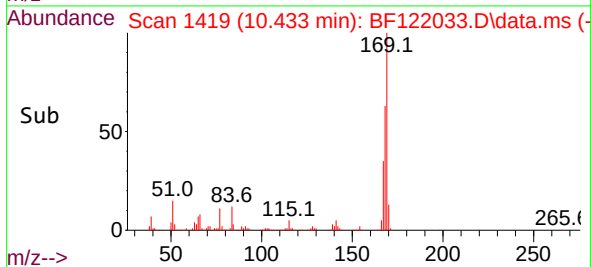
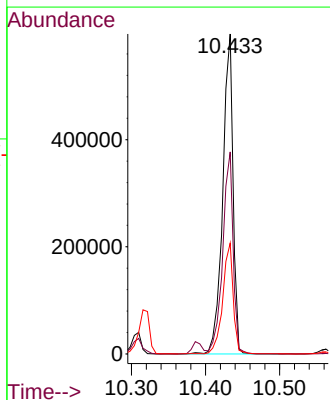
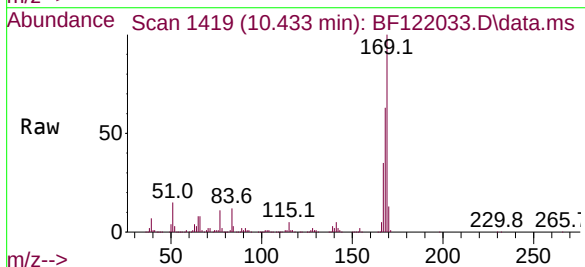
Instrument :
BNA_F
ClientSampleId :
5412MSD

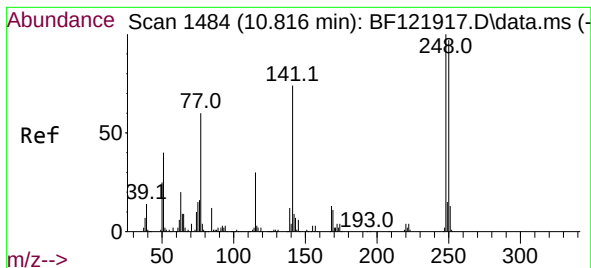
Tgt Ion:198 Resp: 101547
Ion Ratio Lower Upper
198 100
51 60.3 29.6 69.6
105 49.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 43.30 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:169 Resp: 580958
Ion Ratio Lower Upper
169 100
168 63.1 50.0 75.0
167 34.7 27.8 41.6

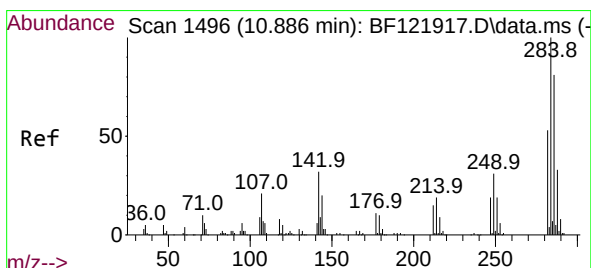
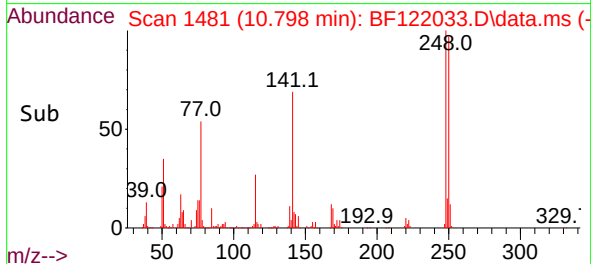
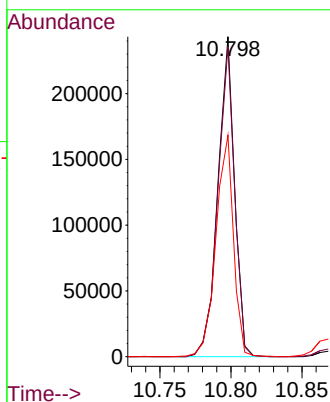
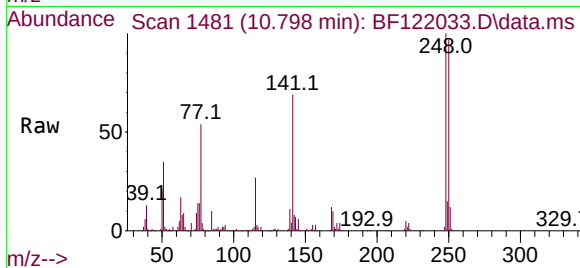




#67
4-Bromophenyl-phenylether
Concen: 44.20 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

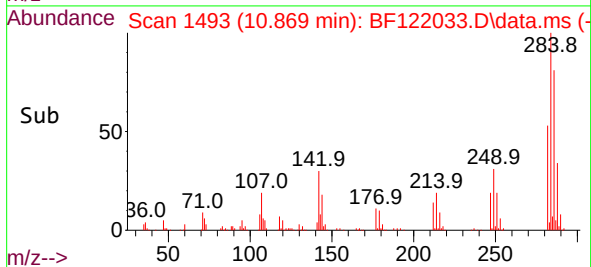
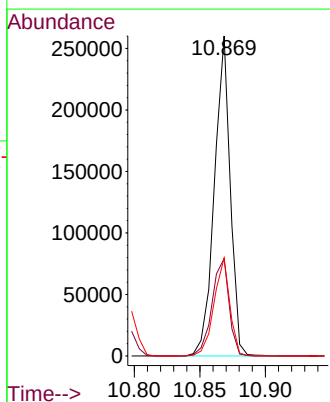
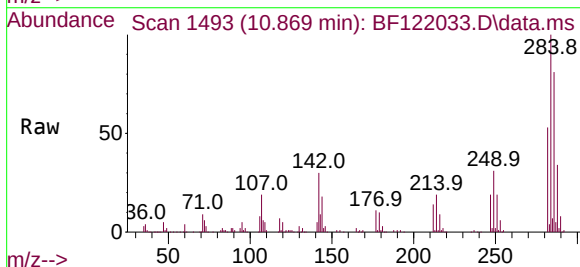
Instrument :
BNA_F
ClientSampleId :
5412MSD

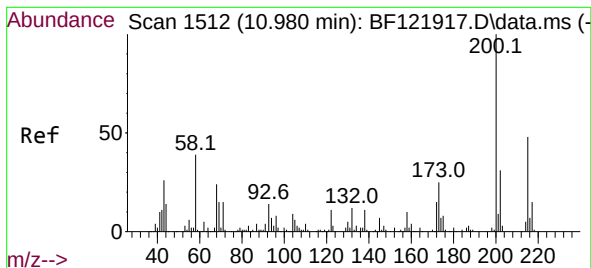
Tgt Ion:248 Resp: 198883
Ion Ratio Lower Upper
248 100
250 96.9 77.0 115.6
141 69.2 53.7 80.5



#68
Hexachlorobenzene
Concen: 42.87 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:284 Resp: 218327
Ion Ratio Lower Upper
284 100
142 30.4 27.4 41.2
249 30.6 24.2 36.4





#69

Atrazine

Concen: 43.78 ng

RT: 10.963 min Scan# 1509

Delta R.T. -0.006 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

Tgt Ion:200 Resp: 143632

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

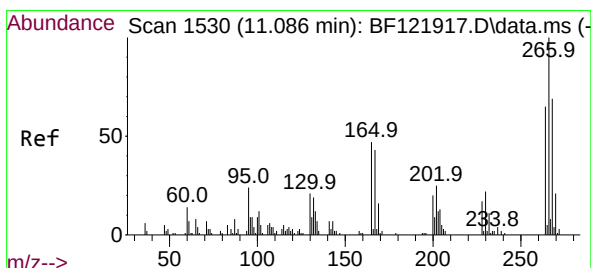
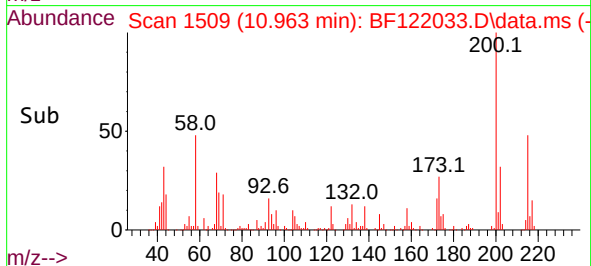
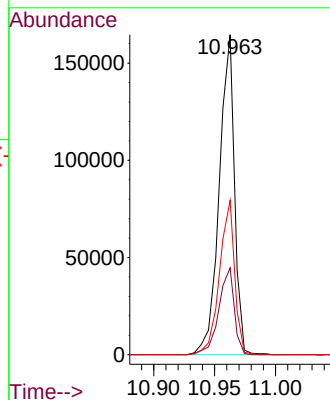
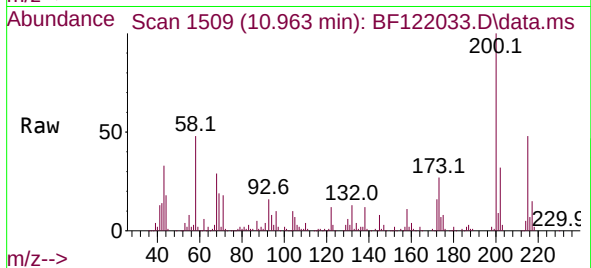
215 48.3 27.1 67.1

Instrument :

BNA_F

ClientSampleId :

5412MSD



#70

Pentachlorophenol

Concen: 87.04 ng

RT: 11.069 min Scan# 1527

Delta R.T. -0.012 min

Lab File: BF122033.D

Acq: 20 Oct 2020 17:06

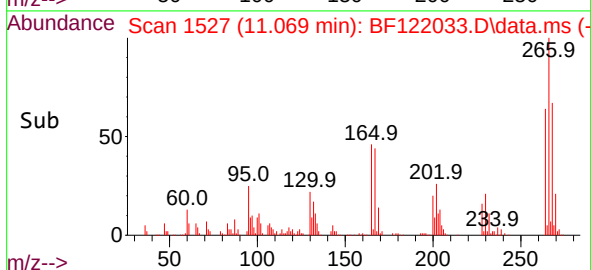
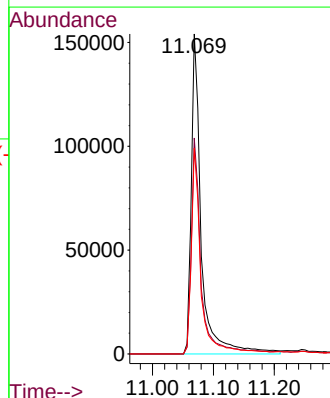
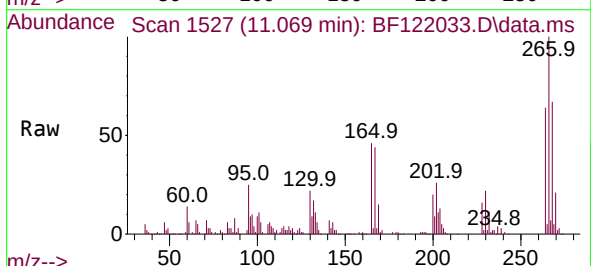
Tgt Ion:266 Resp: 175849

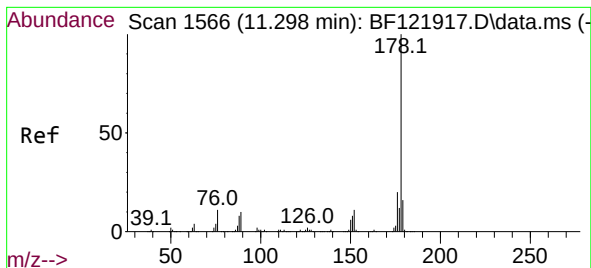
Ion Ratio Lower Upper

266 100

268 67.5 52.4 78.6

264 64.4 49.9 74.9

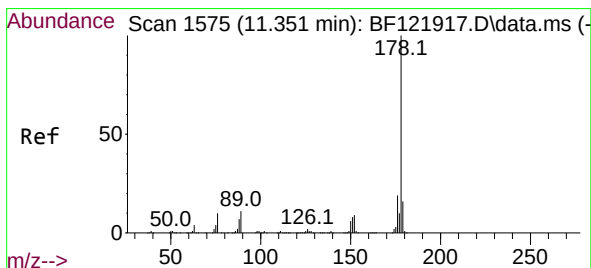
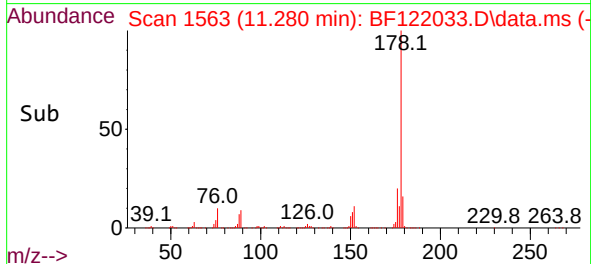
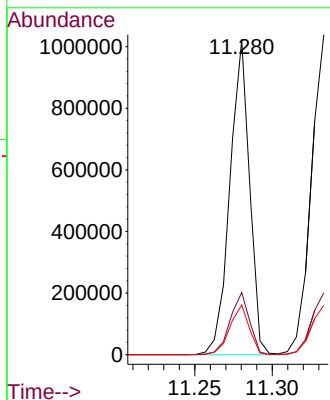
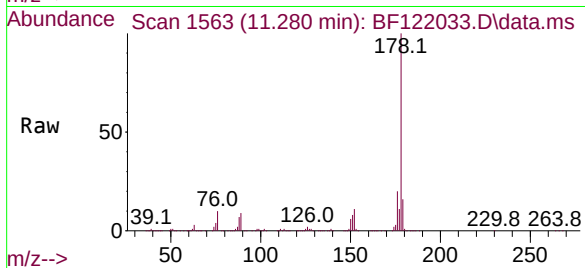




#71
Phenanthrene
Concen: 42.16 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

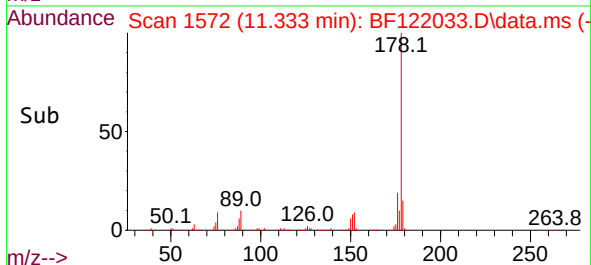
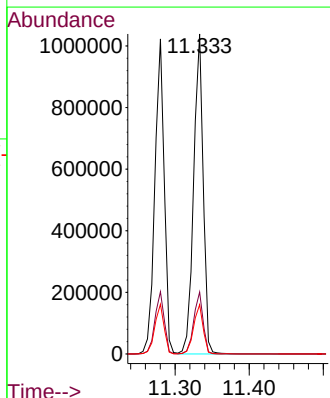
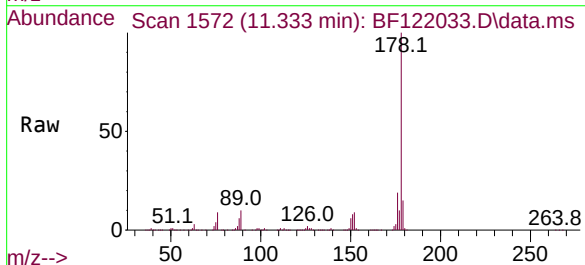
Instrument :
BNA_F
ClientSampleId :
5412MSD

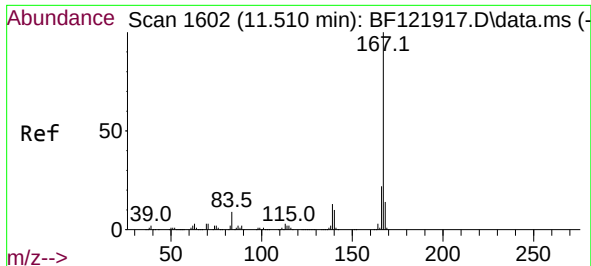
Tgt Ion:178 Resp: 900365
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.2 18.4



#72
Anthracene
Concen: 42.03 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:178 Resp: 930845
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.7 19.1

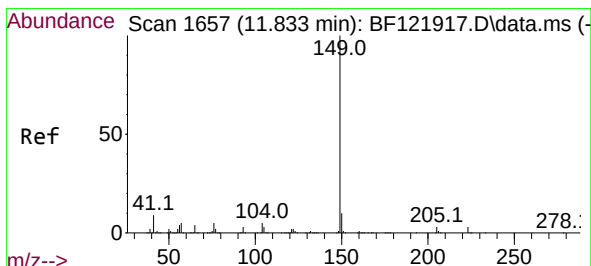
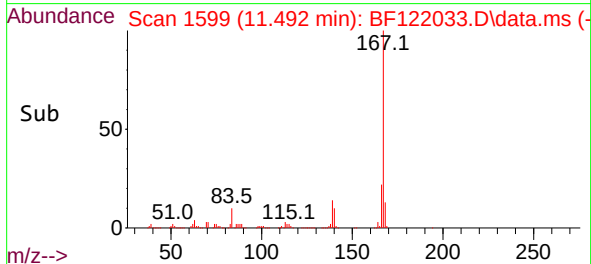
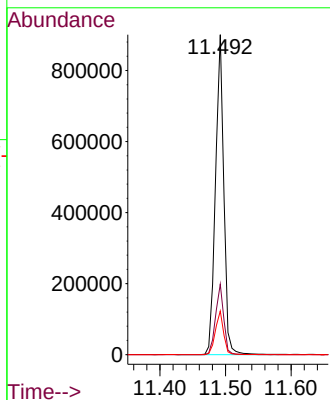
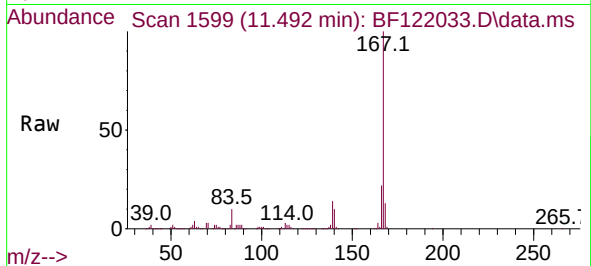




#73
 Carbazole
 Concen: 40.52 ng
 RT: 11.492 min Scan# 1599
 Delta R.T. -0.012 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

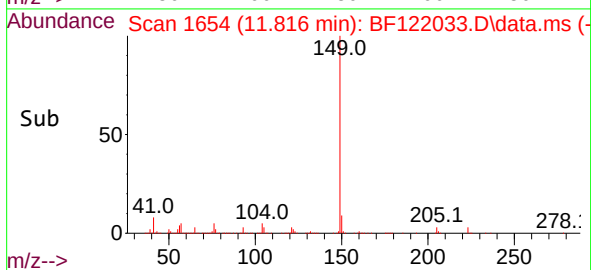
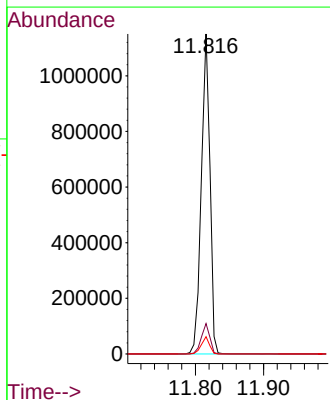
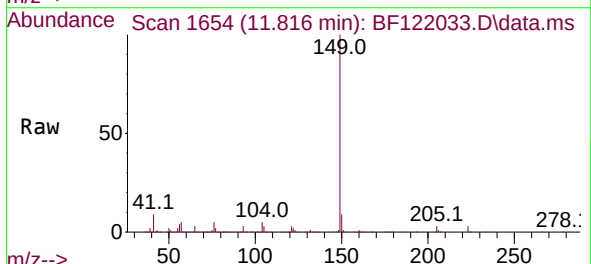
Instrument :
 BNA_F
 ClientSampleId :
 5412MSD

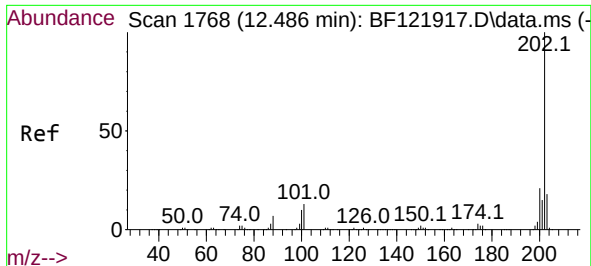
Tgt Ion:167	Resp: 798017
Ion Ratio	Lower Upper
167 100	
166 22.0	17.8 26.6
139 13.6	10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.68 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. -0.012 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

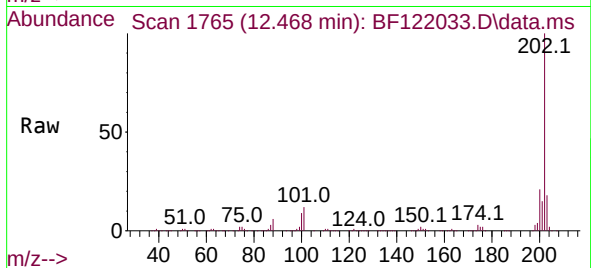
Tgt Ion:149	Resp: 1012410		
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.2



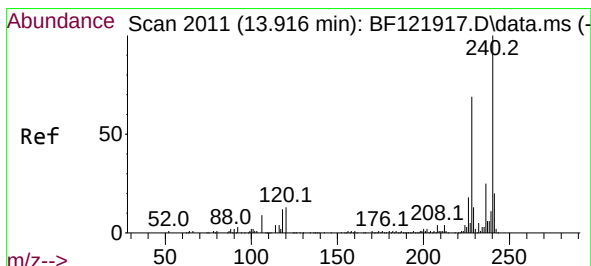
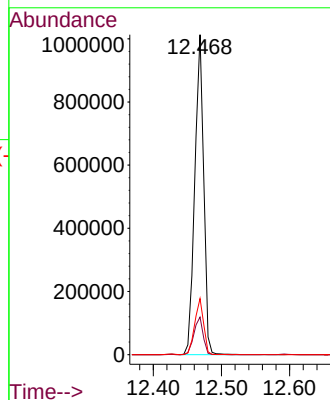
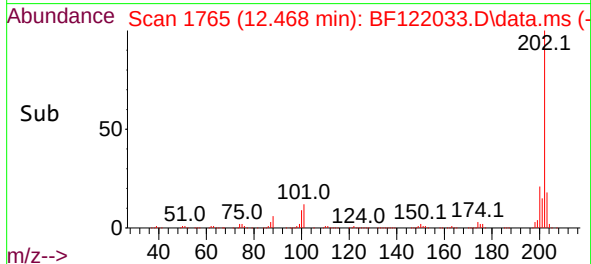


#75
Fluoranthene
Concen: 40.02 ng
RT: 12.468 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

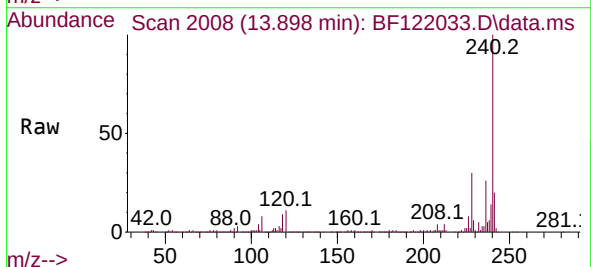
Instrument :
BNA_F
ClientSampleId :
5412MSD



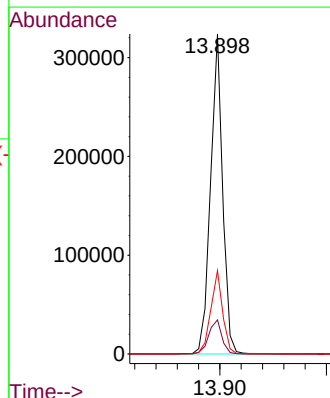
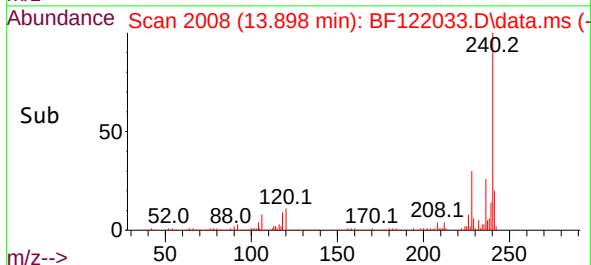
Tgt Ion:202 Resp: 916448
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.4
203 17.6 0.0 37.9

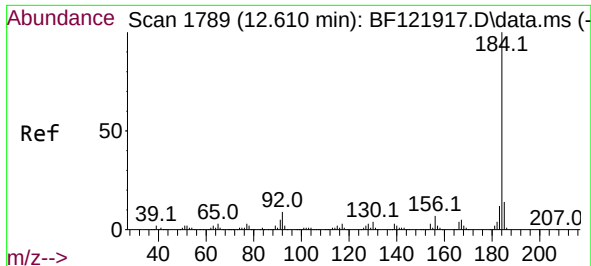


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06



Tgt Ion:240 Resp: 255038
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.0 20.9 31.3

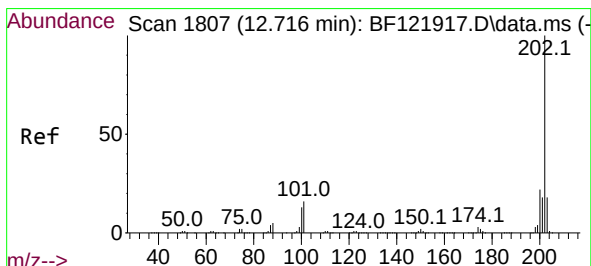
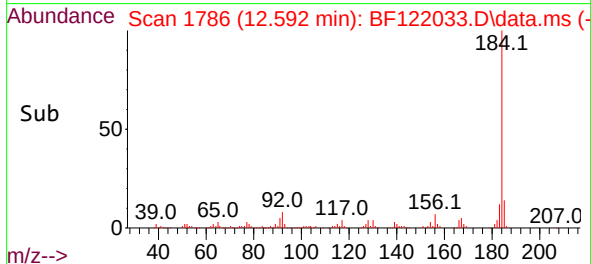
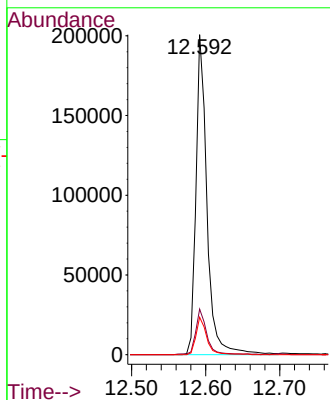
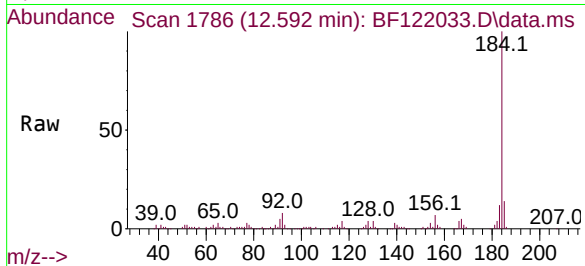




#77
Benzidine
Concen: 26.34 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

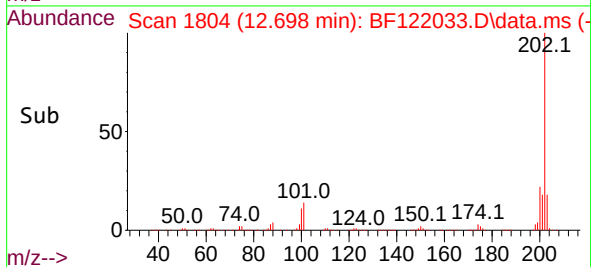
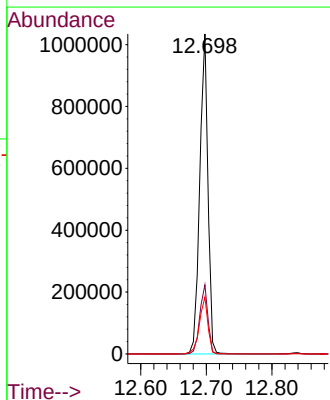
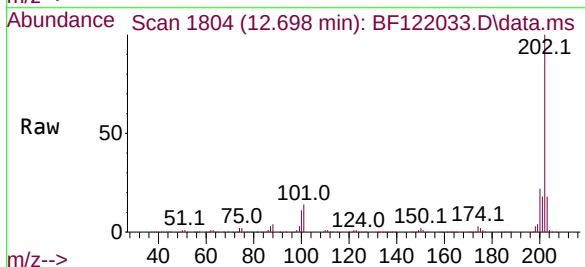
Instrument :
BNA_F
ClientSampleId :
5412MSD

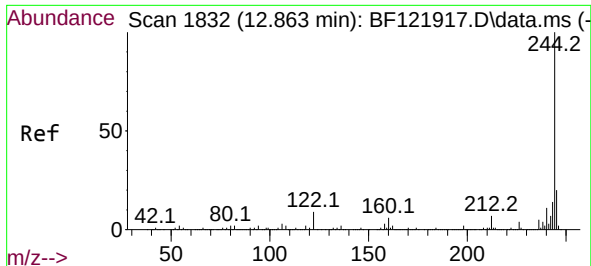
Tgt Ion:184 Resp: 207097
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 11.7 9.4 14.0



#78
Pyrene
Concen: 46.33 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:202 Resp: 900494
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.6 21.8

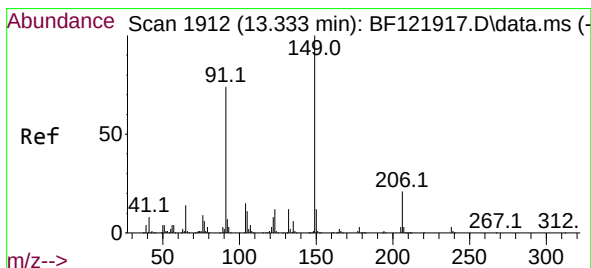
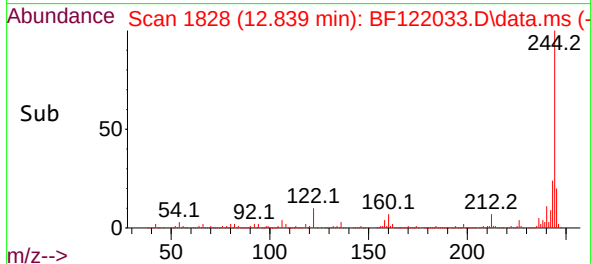
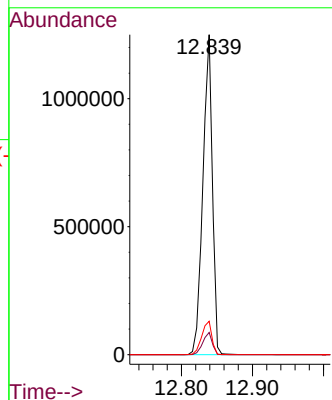
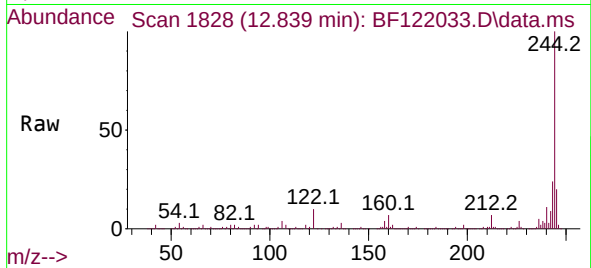




#79
 Terphenyl-d14
 Concen: 86.99 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.012 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

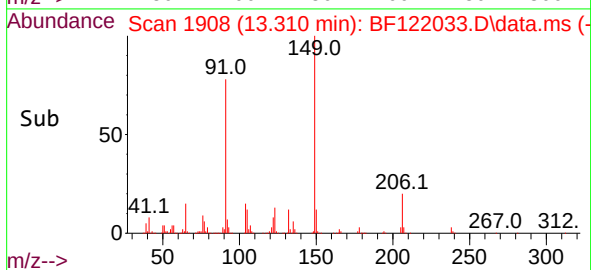
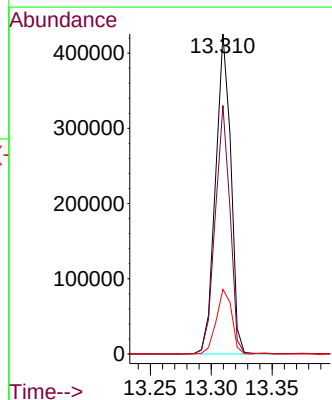
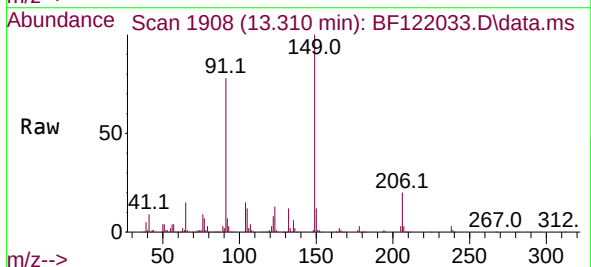
Instrument :
 BNA_F
 ClientSampleId :
 5412MSD

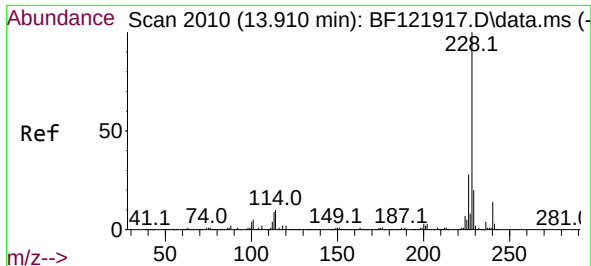
Tgt Ion:244 Resp: 1164199
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.4 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 48.21 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. -0.012 min
 Lab File: BF122033.D
 Acq: 20 Oct 2020 17:06

Tgt Ion:149 Resp: 371548
 Ion Ratio Lower Upper
 149 100
 91 77.6 61.0 91.4
 206 20.2 16.7 25.1

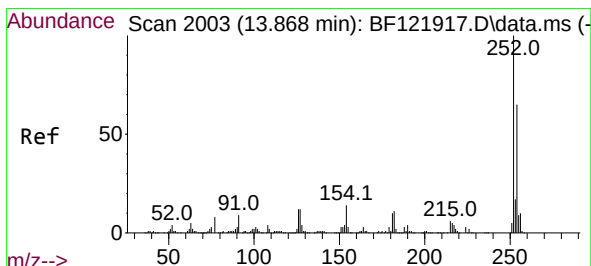
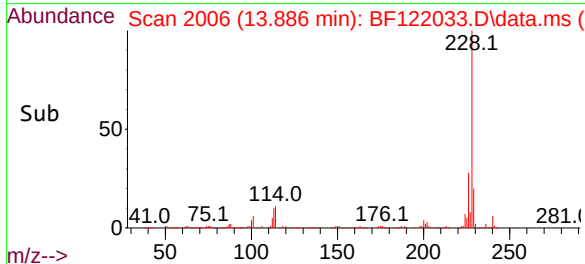
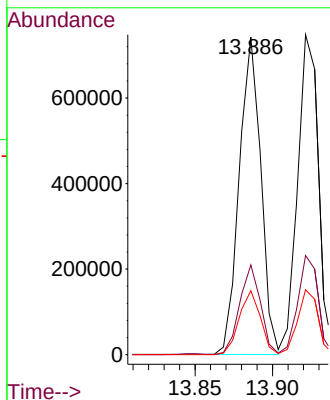
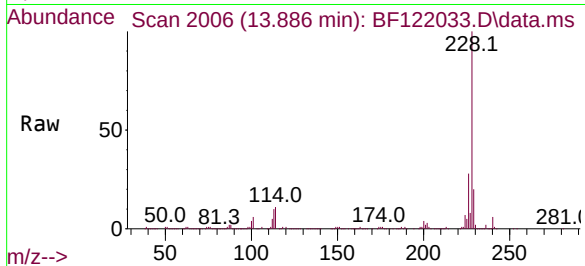




#81
Benzo(a)anthracene
Concen: 42.99 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

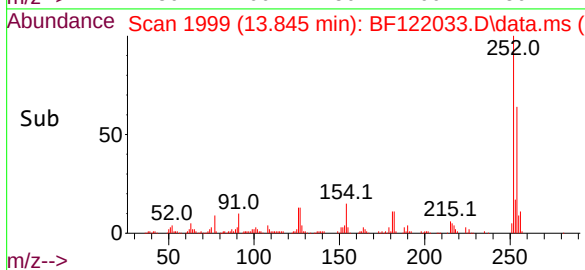
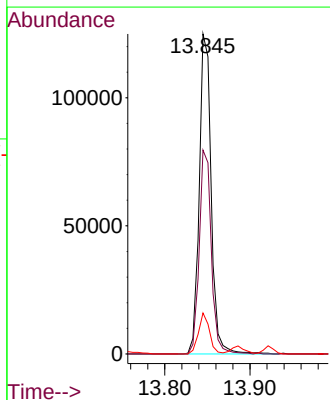
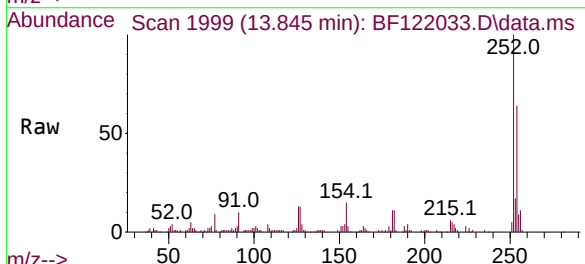
Instrument :
BNA_F
ClientSampleId :
5412MSD

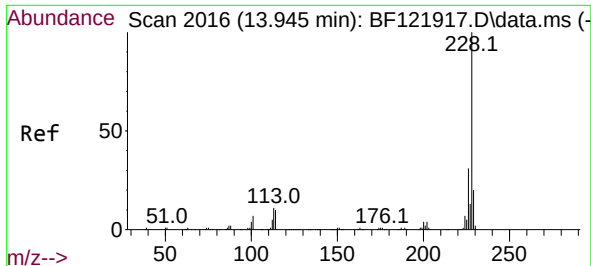
Tgt Ion:228 Resp: 718538
Ion Ratio Lower Upper
228 100
226 28.3 22.3 33.5
229 20.2 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 19.60 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:252 Resp: 121530
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.6
126 12.8 8.8 13.2

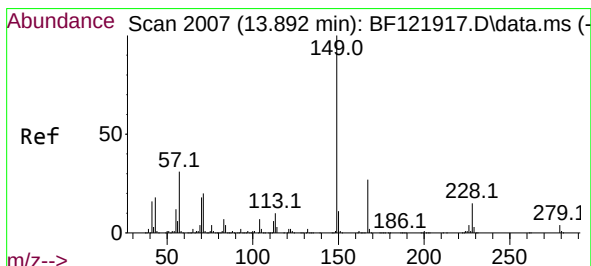
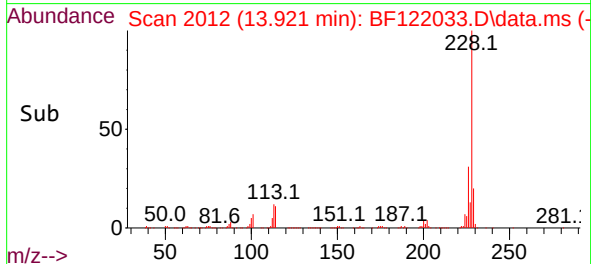
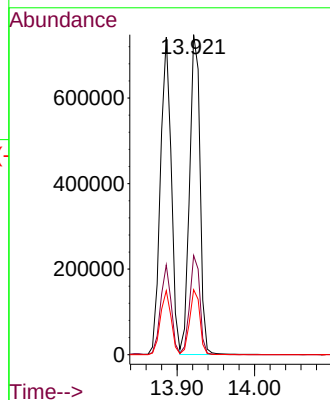
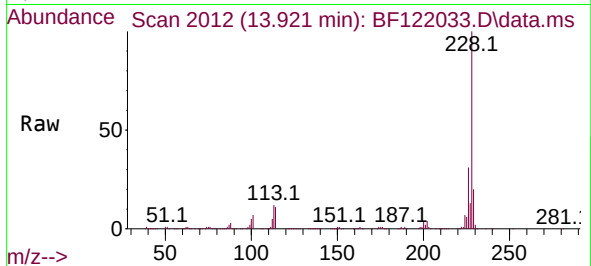




#83
Chrysene
Concen: 42.58 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

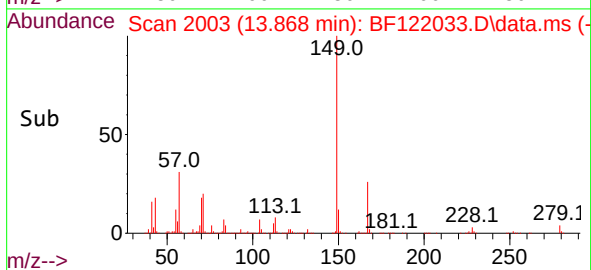
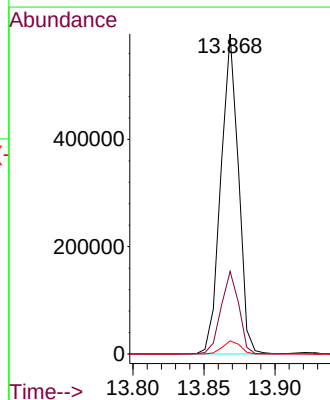
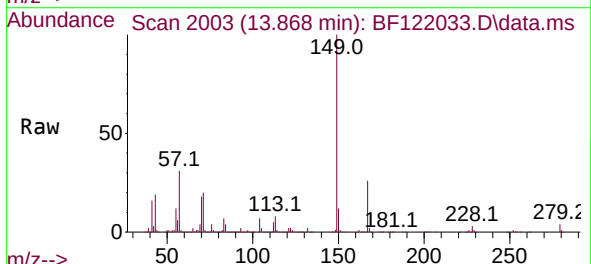
Instrument :
BNA_F
ClientSampleId :
5412MSD

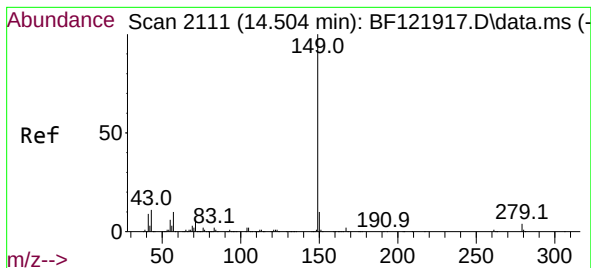
Tgt Ion:228 Resp: 698534
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 20.3 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.98 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:149 Resp: 512459
Ion Ratio Lower Upper
149 100
167 25.8 20.9 31.3
279 4.1 3.2 4.8

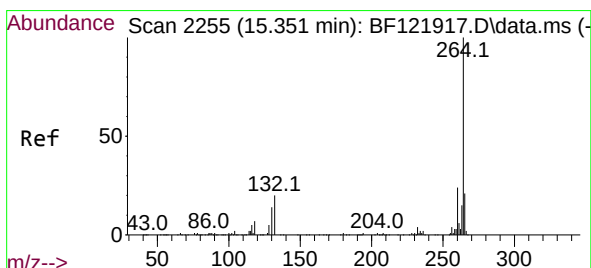
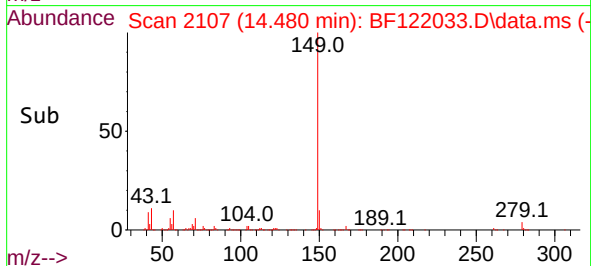
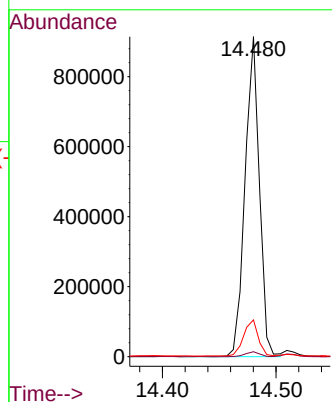
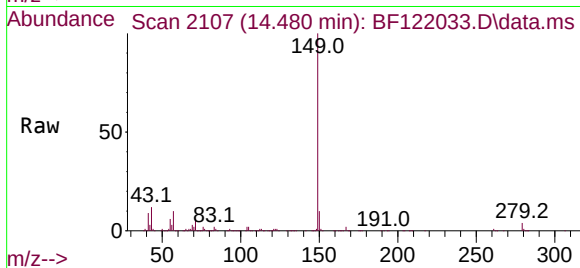




#85
Di-n-octyl phthalate
Concen: 47.27 ng
RT: 14.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

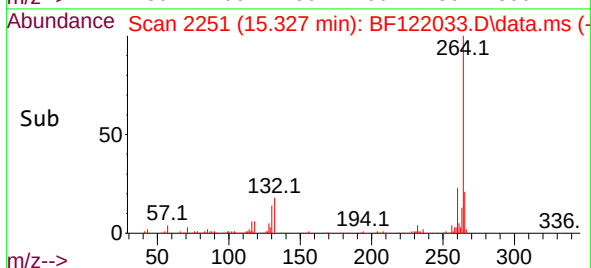
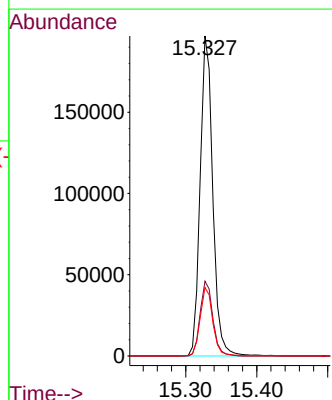
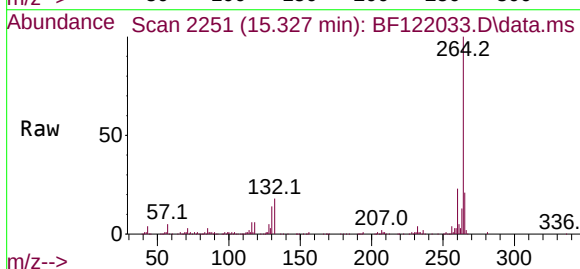
Instrument :
BNA_F
ClientSampleId :
5412MSD

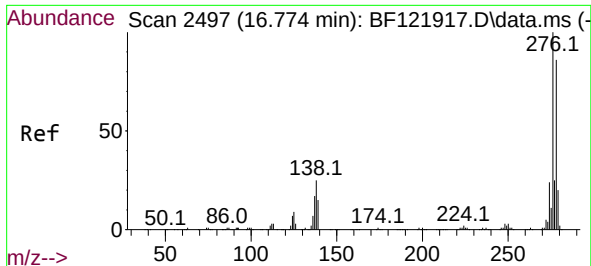
Tgt Ion:149 Resp: 800167
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 9.0 13.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:264 Resp: 243529
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.4 17.3 25.9

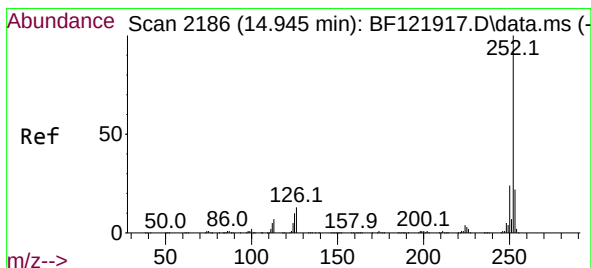
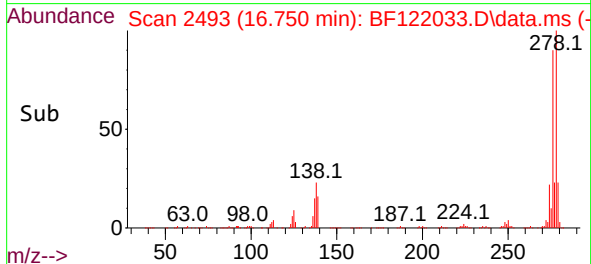
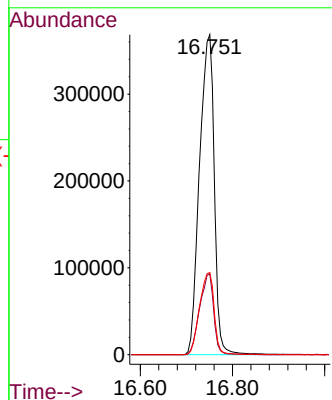
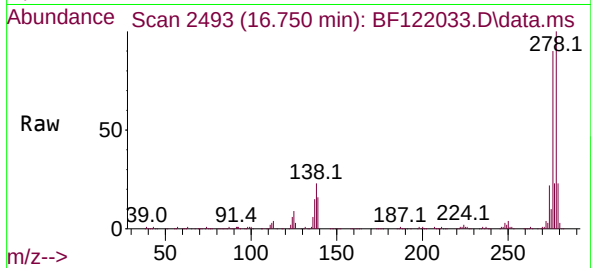




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.95 ng
RT: 16.750 min Scan# 2493
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

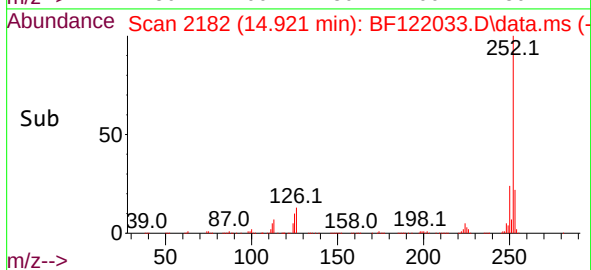
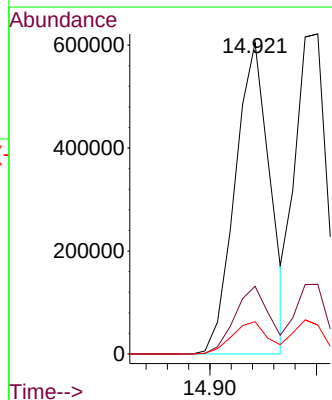
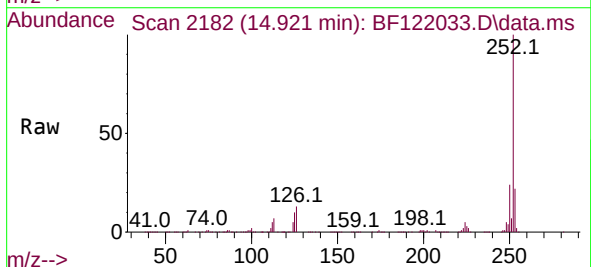
Instrument :
BNA_F
ClientSampleId :
5412MSD

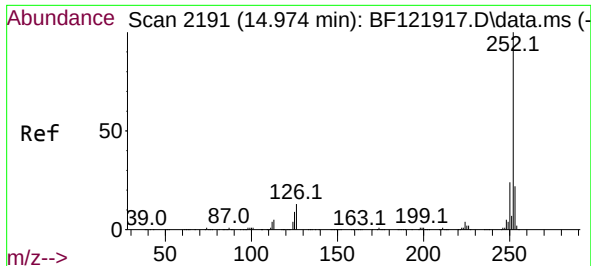
Tgt Ion:276 Resp: 821477
Ion Ratio Lower Upper
276 100
138 23.9 19.9 29.9
277 25.3 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.84 ng
RT: 14.921 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:252 Resp: 688689
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 10.4 8.0 12.0

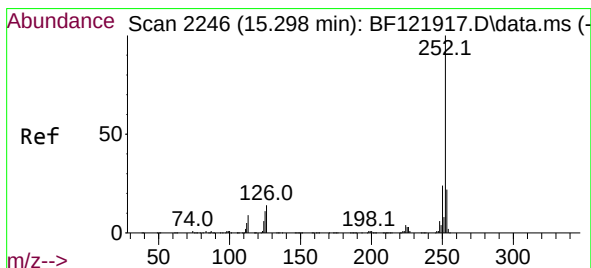
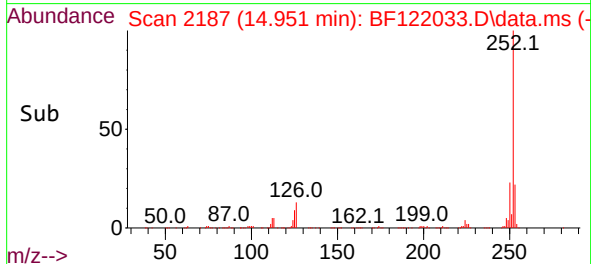
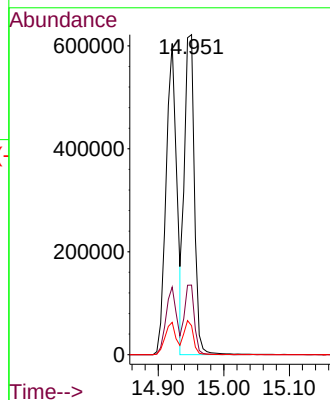
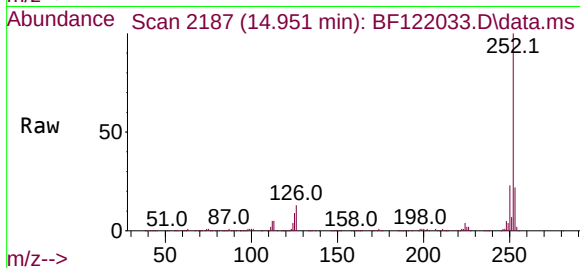




#89
Benzo(k)fluoranthene
Concen: 41.87 ng
RT: 14.951 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

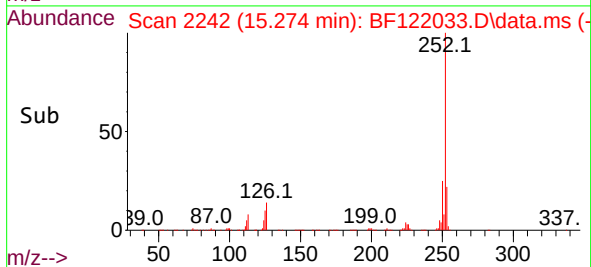
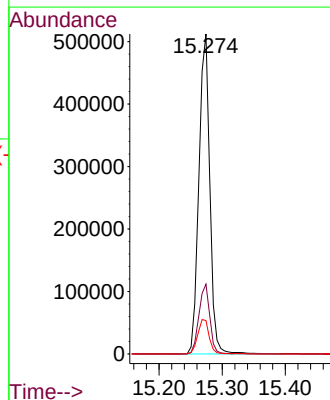
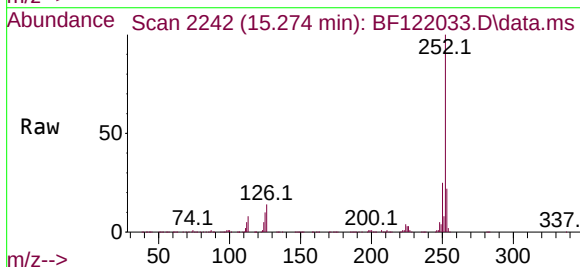
Instrument :
BNA_F
ClientSampleId :
5412MSD

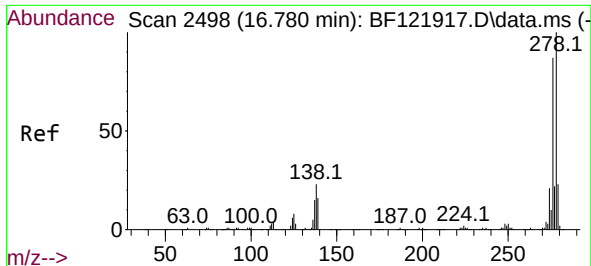
Tgt Ion:252 Resp: 654713
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 43.08 ng
RT: 15.274 min Scan# 2242
Delta R.T. -0.012 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:252 Resp: 612534
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.5 8.6 13.0

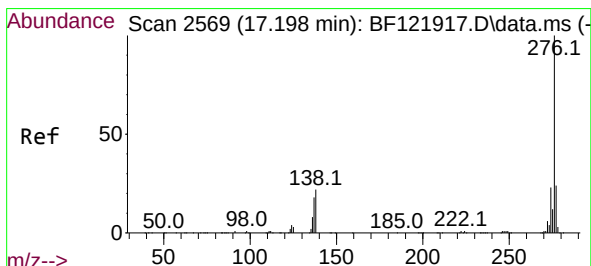
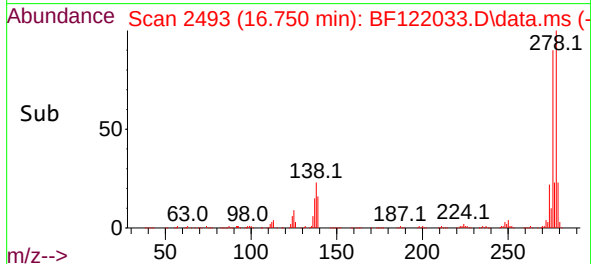
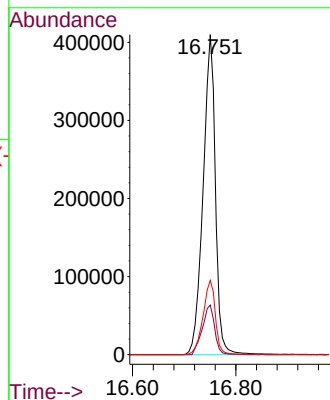
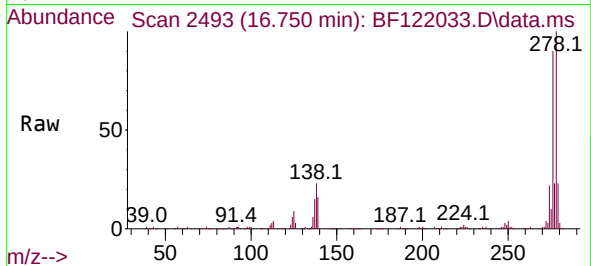




#91
Dibenzo(a,h)anthracene
Concen: 52.11 ng
RT: 16.750 min Scan# 2493
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Instrument :
BNA_F
ClientSampleId :
5412MSD

Tgt Ion:278 Resp: 678417
Ion Ratio Lower Upper
278 100
139 15.5 13.0 19.4
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 54.13 ng
RT: 17.168 min Scan# 2564
Delta R.T. -0.018 min
Lab File: BF122033.D
Acq: 20 Oct 2020 17:06

Tgt Ion:276 Resp: 705361
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.6 17.8 26.6

