

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132228.D
 Acq On : 31 Jan 2023 00:36
 Operator : CG\JU
 Sample : 01318-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MS

Quant Time: Jan 31 02:32:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	194916	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	661212	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	291016	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	494472	20.000	ng	0.00
76) Chrysene-d12	14.295	240	316605	20.000	ng	0.00
86) Perylene-d12	15.889	264	264159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1012179	86.400	ng	0.01
7) Phenol-d6	6.695	99	1365563	92.965	ng	0.00
23) Nitrobenzene-d5	7.648	82	843111	66.755	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	201418	74.744	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1335036	67.502	ng	0.00
79) Terphenyl-d14	13.224	244	1229033	60.989	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.066	88	227045	38.506	ng	98
3) Pyridine	3.807	79	586137	36.194	ng	96
4) n-Nitrosodimethylamine	3.766	42	210528	38.844	ng	88
6) Aniline	6.743	93	539695	26.238	ng	99
8) 2-Chlorophenol	6.866	128	559295	47.613	ng	96
9) Benzaldehyde	6.637	77	417188	55.069	ng	94
10) Phenol	6.713	94	679919	44.463	ng	91
11) bis(2-Chloroethyl)ether	6.813	93	576075	43.673	ng	95
12) 1,3-Dichlorobenzene	7.025	146	606230	46.424	ng	99
13) 1,4-Dichlorobenzene	7.101	146	607067	46.631	ng	100
14) 1,2-Dichlorobenzene	7.254	146	578171	47.807	ng	98
15) Benzyl Alcohol	7.219	79	464015	42.990	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.354	45	614857	41.047	ng	97
17) 2-Methylphenol	7.319	107	435845	40.808	ng	99
18) Hexachloroethane	7.601	117	209131	43.718	ng	# 89
19) n-Nitroso-di-n-propyla...	7.490	70	359646	40.679	ng	94
20) 3+4-Methylphenols	7.472	107	557898	41.562	ng	91
22) Acetophenone	7.490	105	732300	45.296	ng	97
24) Nitrobenzene	7.666	77	554391	42.457	ng	94
25) Isophorone	7.901	82	1021024	42.036	ng	97
26) 2-Nitrophenol	7.978	139	255029	48.065	ng	98
27) 2,4-Dimethylphenol	8.007	122	471061	46.377	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	659216	44.082	ng	100
29) 2,4-Dichlorophenol	8.219	162	415869	43.849	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	486495	44.651	ng	99
31) Naphthalene	8.395	128	1415490	43.266	ng	100
32) Benzoic acid	8.084	122	190760	31.055	ng	98
33) 4-Chloroaniline	8.431	127	286062	20.170	ng	99
34) Hexachlorobutadiene	8.507	225	308853	45.379	ng	99
35) Caprolactam	8.801	113	125894	46.882	ng	87
36) 4-Chloro-3-methylphenol	8.907	107	392799	40.444	ng	97
37) 2-Methylnaphthalene	9.084	142	905337	40.332	ng	100
38) 1-Methylnaphthalene	9.184	142	827402	39.735	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	468173	47.937	ng	99
41) Hexachlorocyclopentadiene	9.236	237	33321	6.717	ng	96
43) 2,4,6-Trichlorophenol	9.354	196	285856	47.969	ng	99

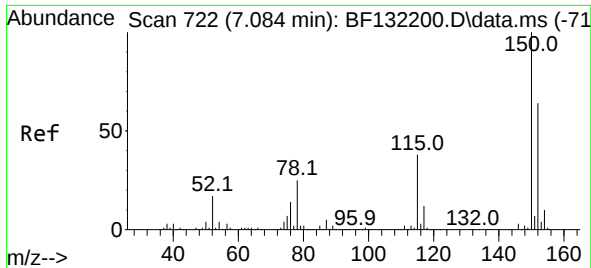
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	284271	40.734	ng	99
46) 1,1'-Biphenyl	9.548	154	1058040	47.177	ng	99
47) 2-Chloronaphthalene	9.578	162	814664	46.802	ng	97
48) 2-Nitroaniline	9.666	65	216687	46.352	ng	92
49) Acenaphthylene	9.995	152	1195748	44.213	ng	100
50) Dimethylphthalate	9.842	163	950941	48.148	ng	99
51) 2,6-Dinitrotoluene	9.907	165	196878	46.922	ng	87
52) Acenaphthene	10.172	154	719825	43.289	ng	98
53) 3-Nitroaniline	10.078	138	178576	38.462	ng	95
54) 2,4-Dinitrophenol	10.178	184	34818	21.528	ng	# 1
55) Dibenzofuran	10.342	168	1074611	43.138	ng	97
56) 4-Nitrophenol	10.225	139	288919	86.130	ng	100
57) 2,4-Dinitrotoluene	10.313	165	239450	46.355	ng	# 85
58) Fluorene	10.689	166	819122	43.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	219356	44.237	ng	98
60) Diethylphthalate	10.542	149	891719	46.318	ng	99
61) 4-Chlorophenyl-phenylether	10.672	204	437212	43.558	ng	96
62) 4-Nitroaniline	10.695	138	172750	39.655	ng	93
63) Azobenzene	10.836	77	815932	40.159	ng	95
65) 4,6-Dinitro-2-methylph...	10.719	198	30726	15.999	ng	98
66) n-Nitrosodiphenylamine	10.789	169	704500	45.371	ng	100
67) 4-Bromophenyl-phenylether	11.166	248	256565	45.071	ng	94
68) Hexachlorobenzene	11.236	284	259917	46.080	ng	95
69) Atrazine	11.313	200	233027	52.287	ng	99
70) Pentachlorophenol	11.430	266	288049	77.372	ng	99
71) Phenanthrene	11.660	178	1535837	61.055	ng	99
72) Anthracene	11.713	178	1218825	47.582	ng	99
73) Carbazole	11.860	167	1050146	47.723	ng	99
74) Di-n-butylphthalate	12.183	149	1255788	50.163	ng	99
75) Fluoranthene	12.860	202	1909334	74.599	ng	98
77) Benzidine	12.972	184	368959	44.647	ng	99
78) Pyrene	13.095	202	1895774	63.907	ng	100
80) Butylbenzylphthalate	13.695	149	517665	51.736	ng	97
81) Benzo(a)anthracene	14.289	228	1280922	57.542	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	284528	47.166	ng	99
83) Chrysene	14.324	228	1182096	56.982	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	705431	54.517	ng	99
85) Di-n-octyl phthalate	14.895	149	1072770	55.229	ng	96
87) Indeno(1,2,3-cd)pyrene	17.554	276	819081	46.898	ng	96
88) Benzo(b)fluoranthene	15.413	252	1050385	64.743	ng	99
89) Benzo(k)fluoranthene	15.442	252	908793	54.287	ng	97
90) Benzo(a)pyrene	15.824	252	868374	56.714	ng	98
91) Dibenzo(a,h)anthracene	17.571	278	600540	42.056	ng	98
92) Benzo(g,h,i)perylene	18.059	276	661958	45.467	ng	98

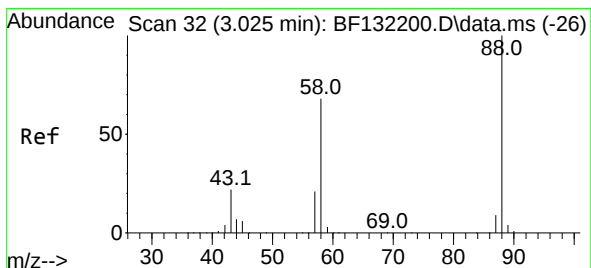
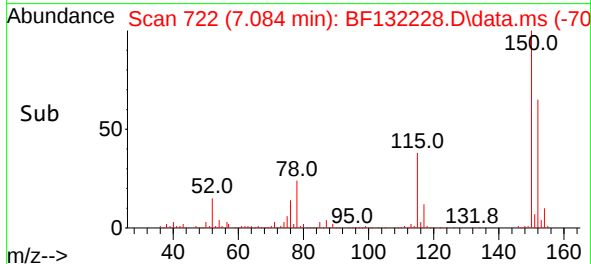
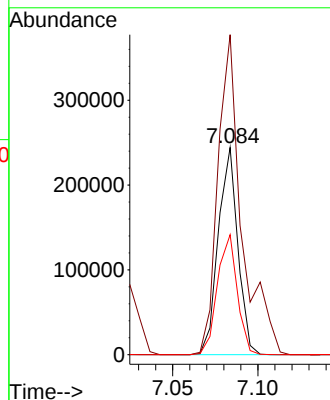
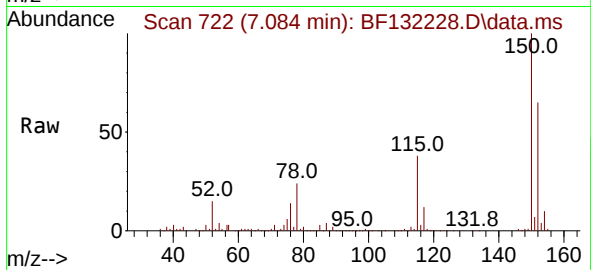
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.084 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132228.D
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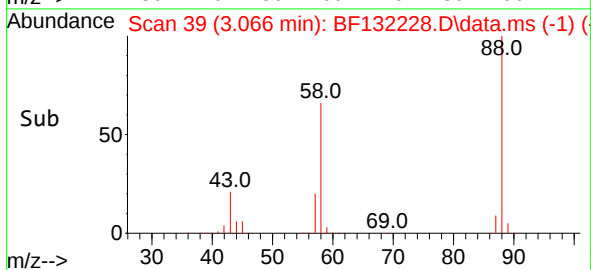
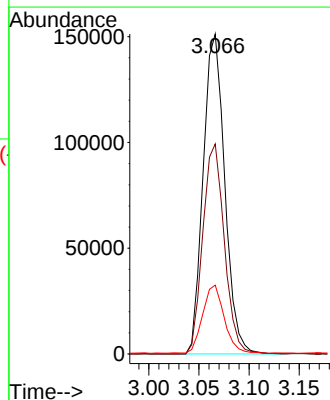
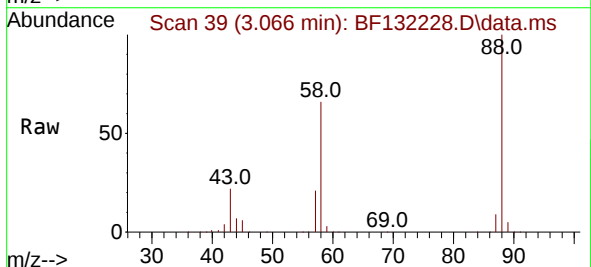
Instrument :
 BNA_F
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 DR-1-012523MS

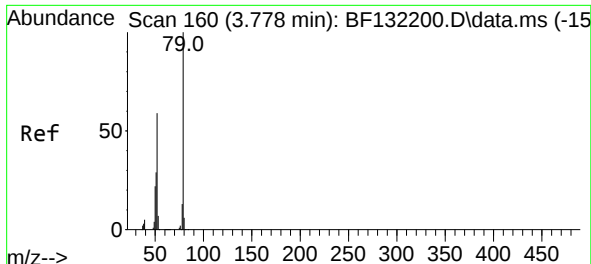
Tgt Ion:152 Resp: 194916
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.5 186.7
 115 57.9 47.0 70.6



#2
 1,4-Dioxane
 Concen: 38.506 ng
 RT: 3.066 min Scan# 39
 Delta R.T. 0.041 min
 Lab File: BF132228.D
 Acq: 31 Jan 2023 00:36

Tgt Ion: 88 Resp: 227045
 Ion Ratio Lower Upper
 88 100
 58 65.6 54.1 81.1
 43 21.5 18.0 27.0

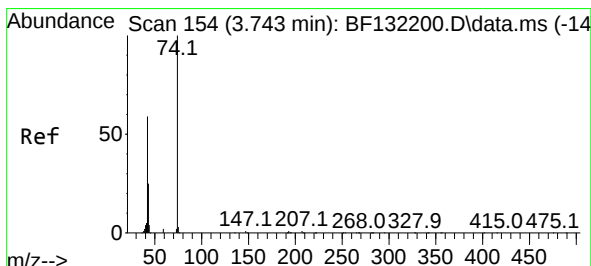
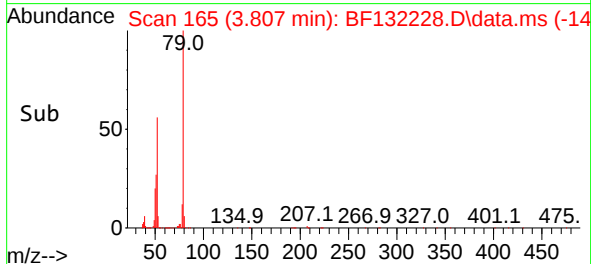
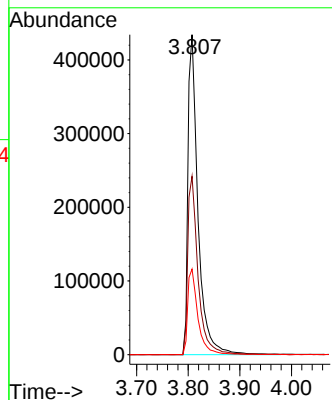
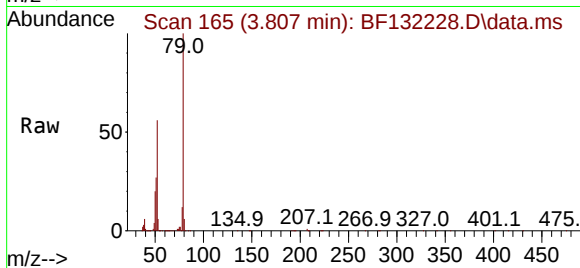




#3
Pyridine
Concen: 36.194 ng
RT: 3.807 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

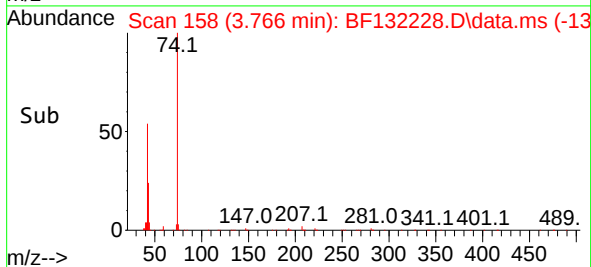
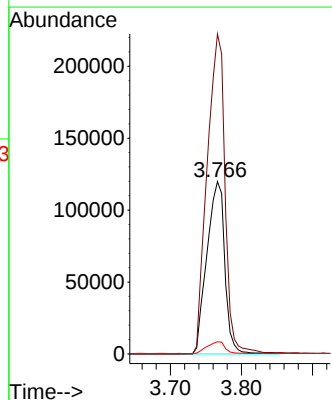
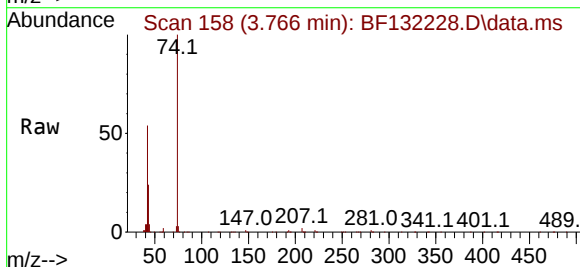
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BNA_F
ClientSampleId :
DR-1-012523MS

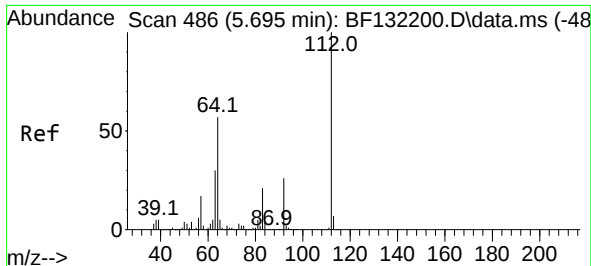
Tgt Ion: 79 Resp: 586137
Ion Ratio Lower Upper
79 100
52 55.8 46.8 70.2
51 26.8 23.0 34.6



#4
n-Nitrosodimethylamine
Concen: 38.844 ng
RT: 3.766 min Scan# 158
Delta R.T. 0.024 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 42 Resp: 210528
Ion Ratio Lower Upper
42 100
74 185.6 135.3 202.9
44 7.1 5.1 7.7

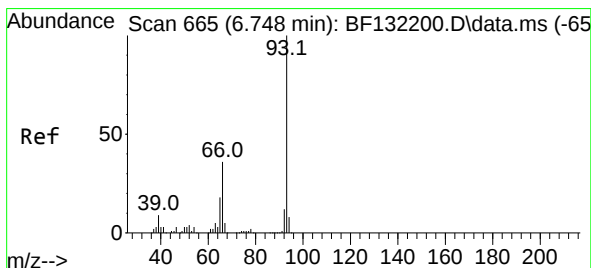
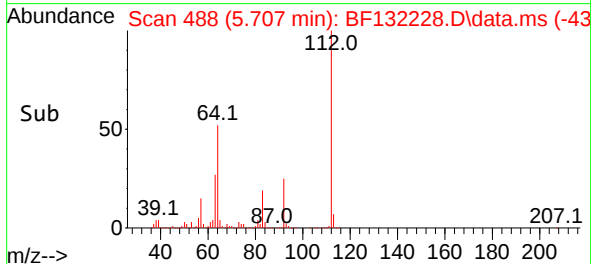
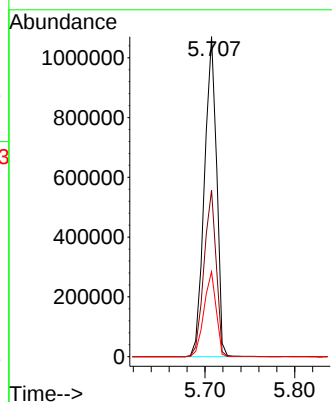
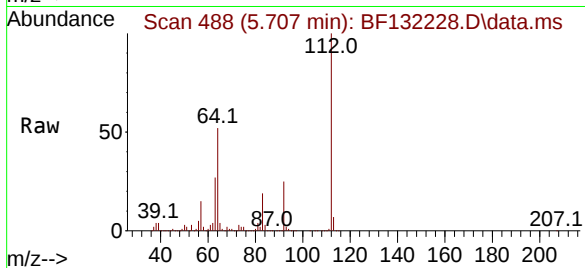




#5
2-Fluorophenol
Concen: 86.400 ng
RT: 5.707 min Scan# 486
Delta R.T. 0.012 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

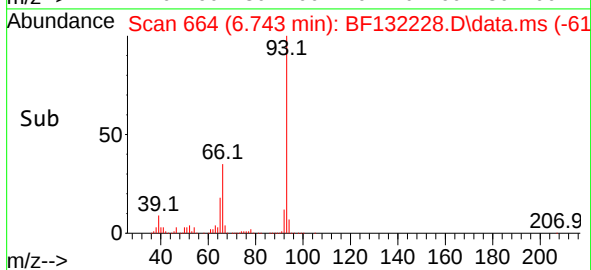
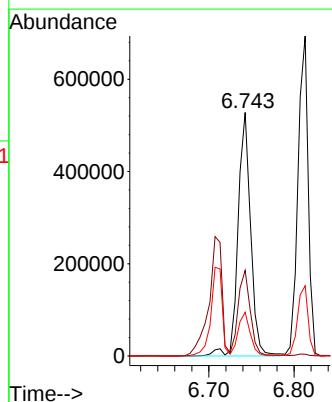
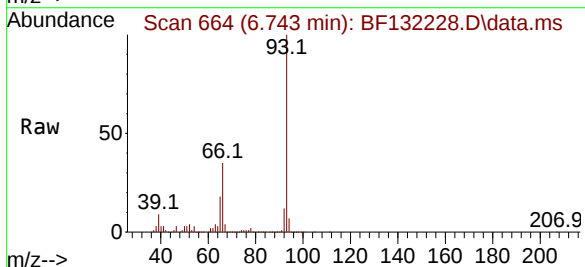
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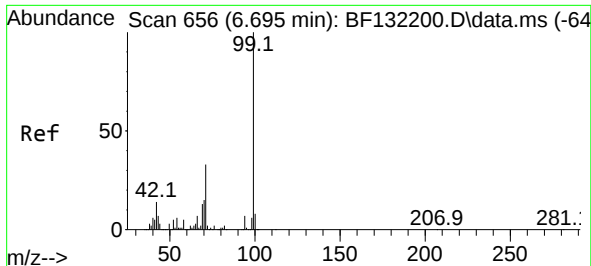
Tgt Ion:112 Resp: 1012179
Ion Ratio Lower Upper
112 100
64 52.0 45.5 68.3
63 26.6 23.7 35.5



#6
Aniline
Concen: 26.238 ng
RT: 6.743 min Scan# 664
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 93 Resp: 539695
Ion Ratio Lower Upper
93 100
66 35.2 28.7 43.1
65 17.9 14.7 22.1



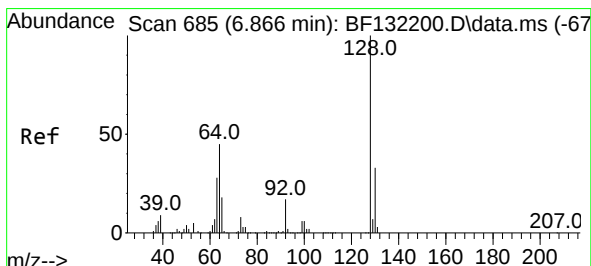
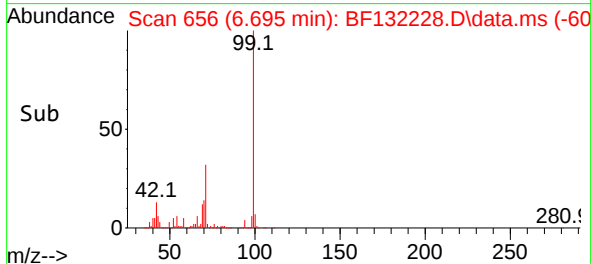
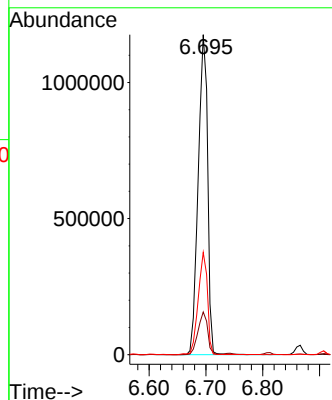
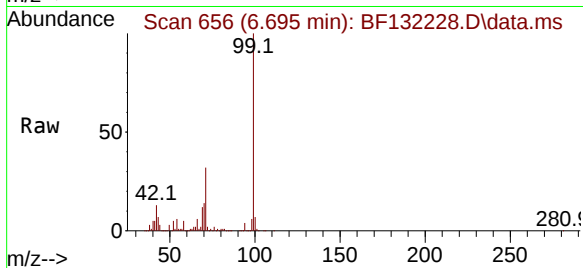


#7
Phenol-d6
Concen: 92.965 ng
RT: 6.695 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

Tgt Ion: 99 Resp: 1365563

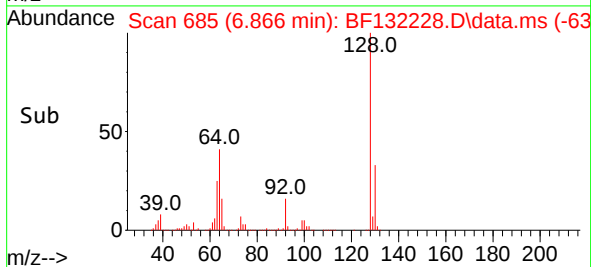
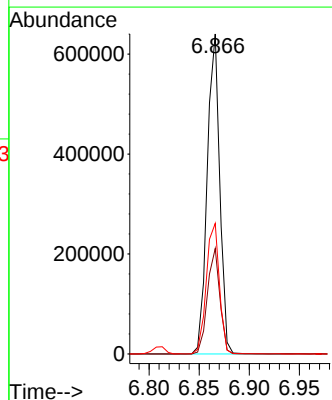
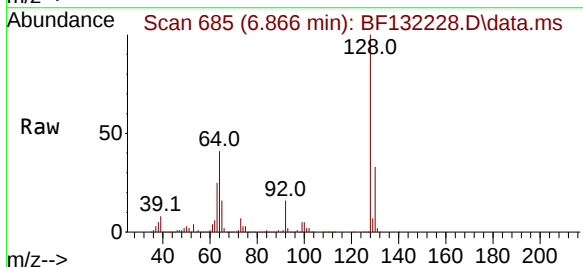
Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.3	16.9
71	32.0	26.3	39.5

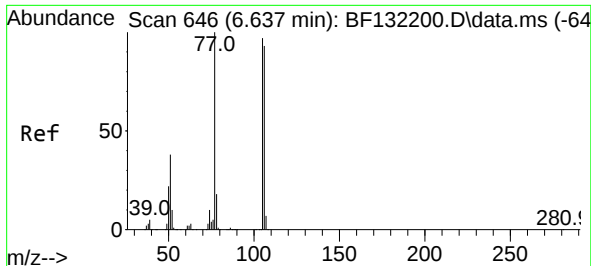


#8
2-Chlorophenol
Concen: 47.613 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 128 Resp: 559295

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.8	52.8
64	40.8	25.7	65.7

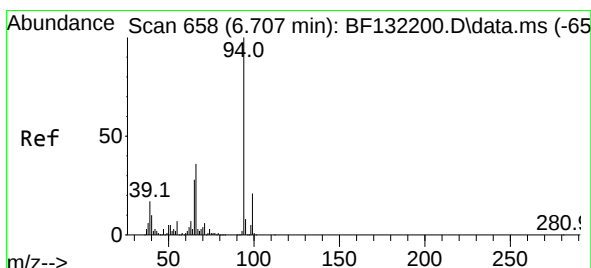
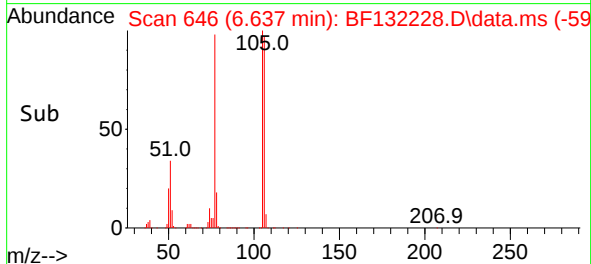
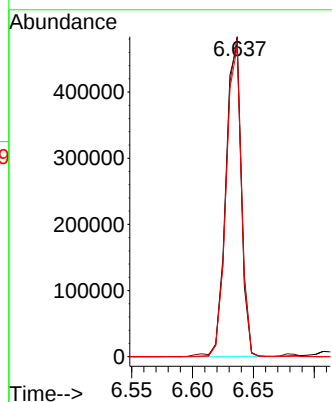
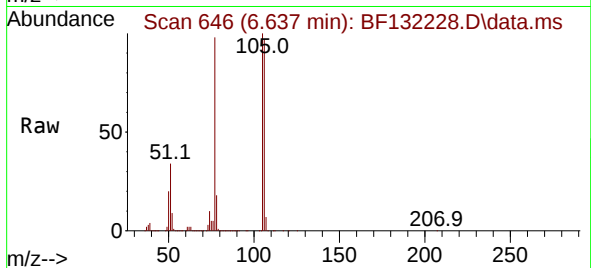




#9
Benzaldehyde
Concen: 55.069 ng
RT: 6.637 min Scan# 646
Delta R.T. -0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

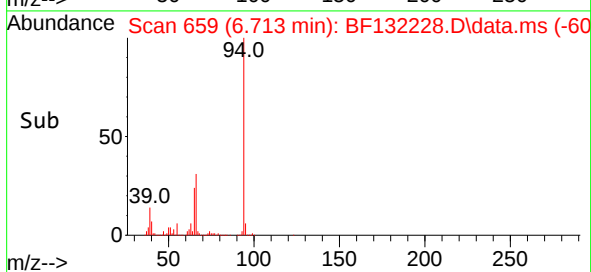
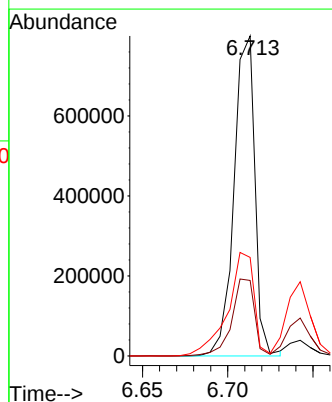
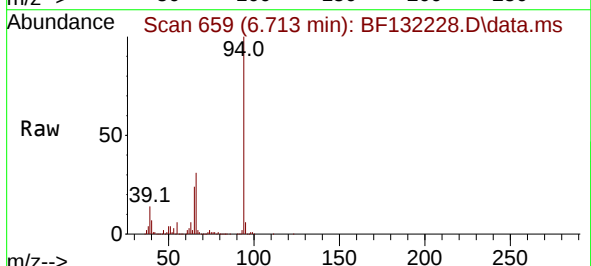
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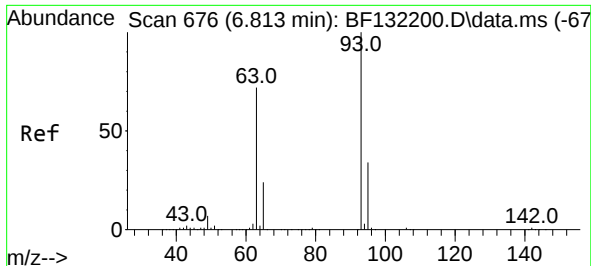
Tgt Ion: 77 Resp: 417188
Ion Ratio Lower Upper
77 100
105 102.5 77.0 117.0
106 99.1 73.2 113.2



#10
Phenol
Concen: 44.463 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 94 Resp: 679919
Ion Ratio Lower Upper
94 100
65 23.6 7.6 47.6
66 30.8 16.3 56.3

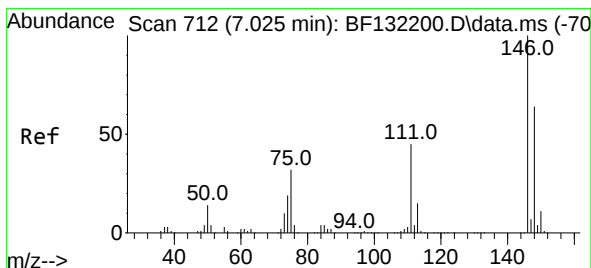
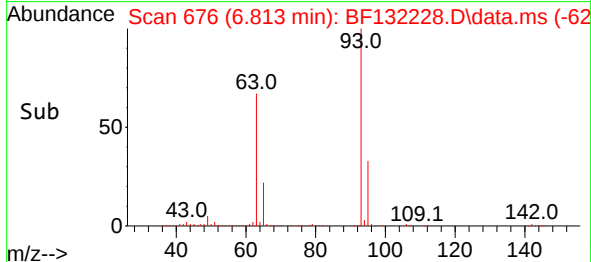
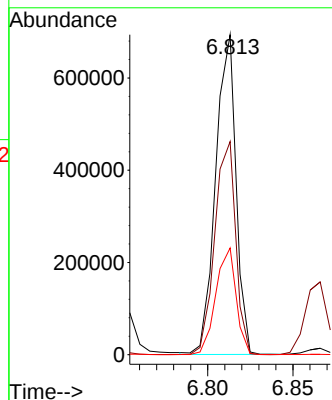
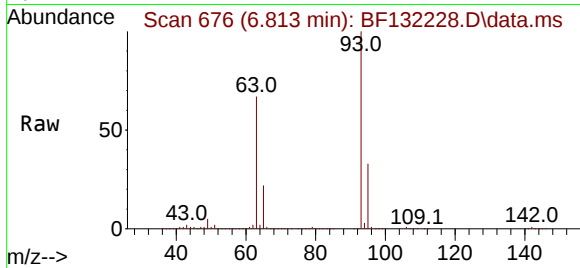




#11
bis(2-Chloroethyl)ether
Concen: 43.673 ng
RT: 6.813 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

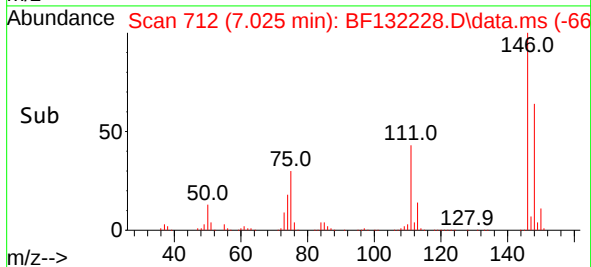
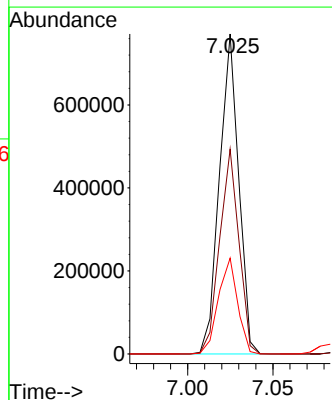
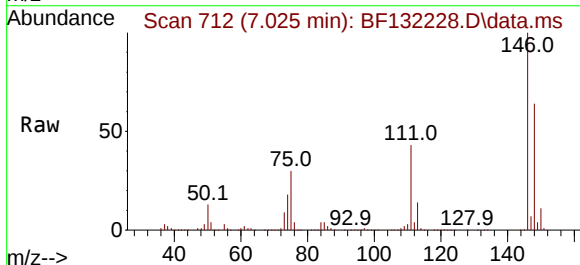
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

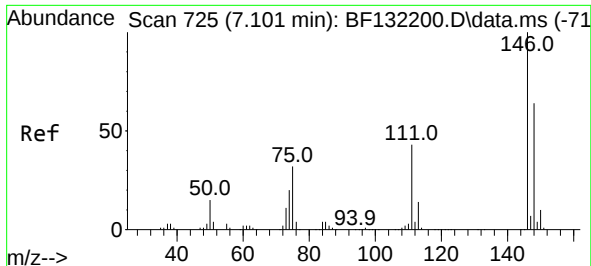
Tgt Ion: 93 Resp: 576075
Ion Ratio Lower Upper
93 100
63 66.6 52.2 92.2
95 33.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 46.424 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 146 Resp: 606230
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 30.0 25.4 38.2

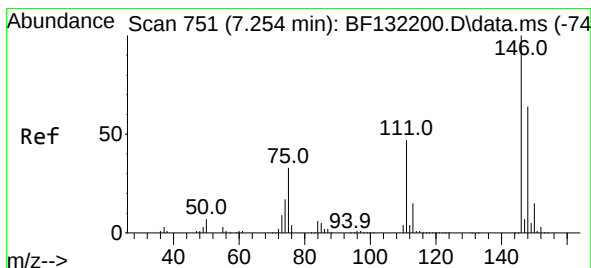
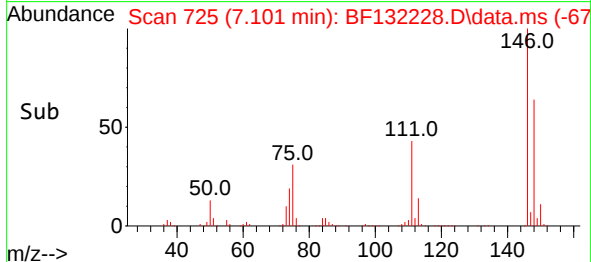
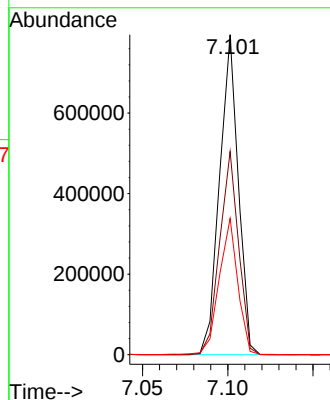
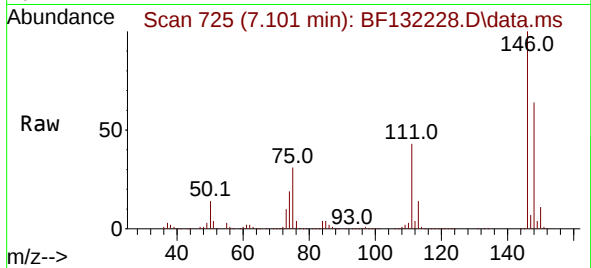




#13
1,4-Dichlorobenzene
Concen: 46.631 ng
RT: 7.101 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

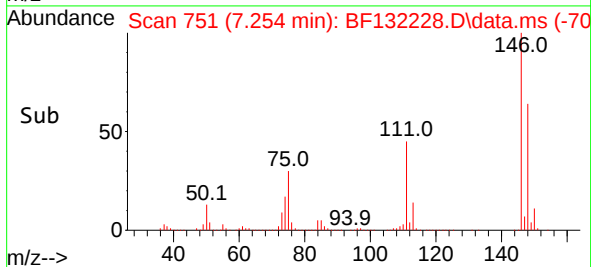
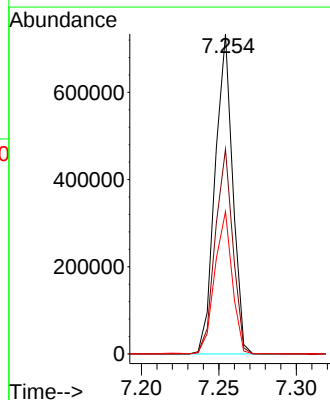
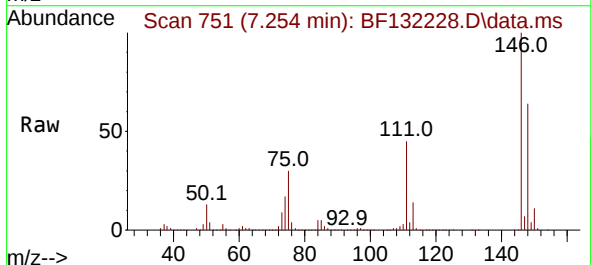
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

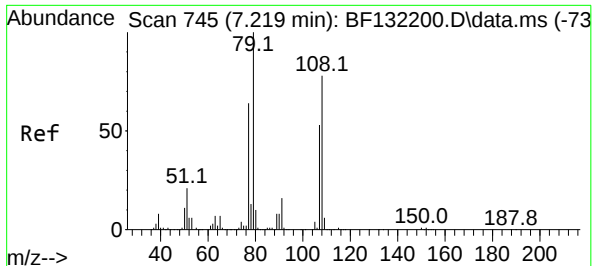
Tgt Ion:146 Resp: 607067
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 42.6 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 47.807 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:146 Resp: 578171
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 44.5 37.5 56.3

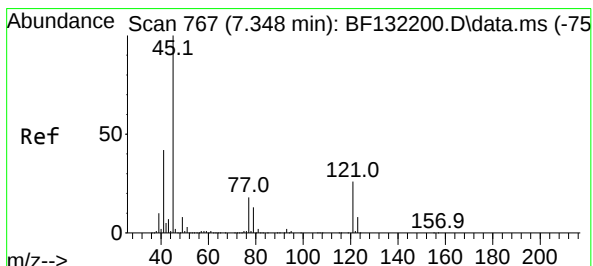
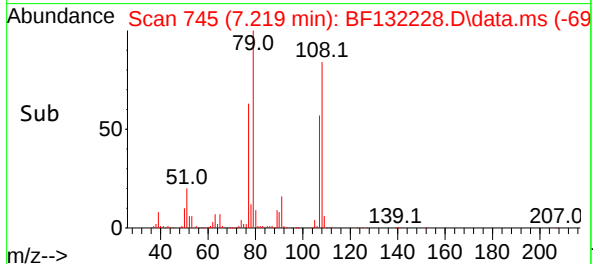
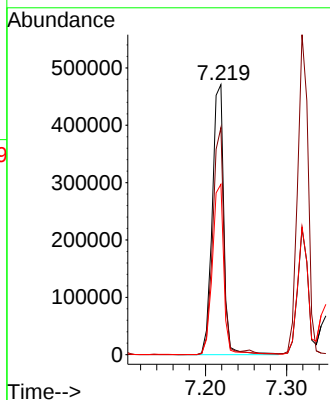
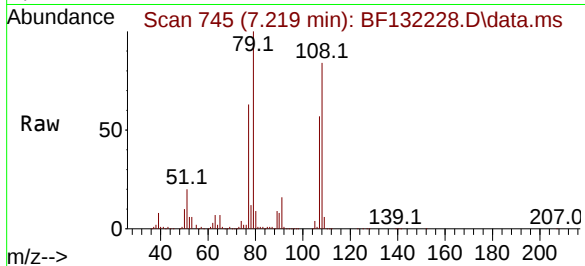




#15
Benzyl Alcohol
Concen: 42.990 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

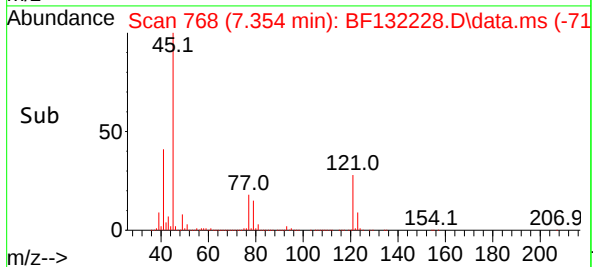
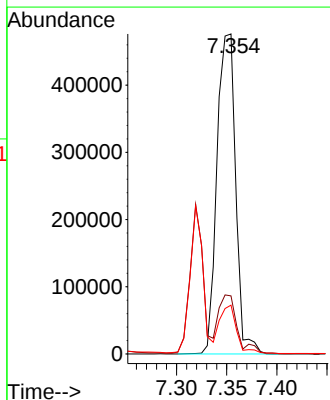
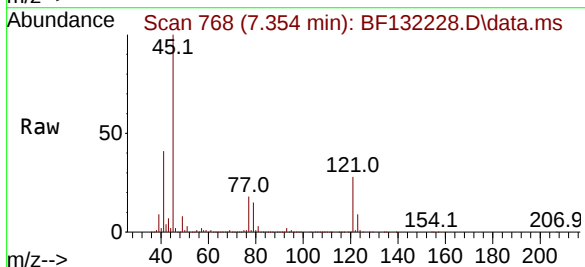
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

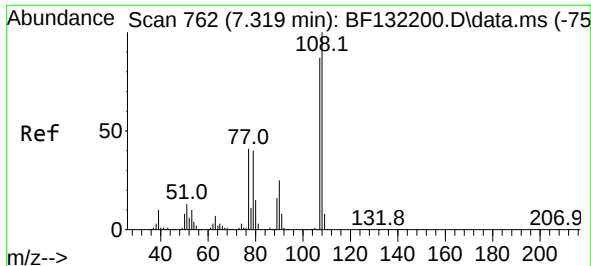
Tgt Ion: 79 Resp: 464015
Ion Ratio Lower Upper
79 100
108 84.1 62.2 93.4
77 63.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.047 ng
RT: 7.354 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 45 Resp: 614857
Ion Ratio Lower Upper
45 100
77 18.2 0.0 38.0
79 15.3 0.0 32.9



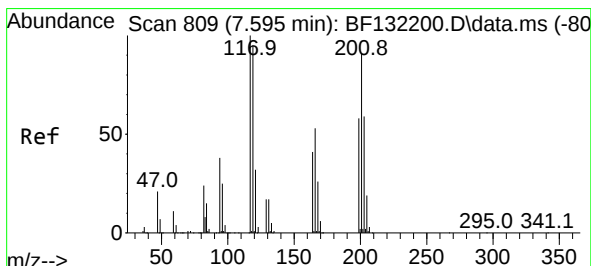
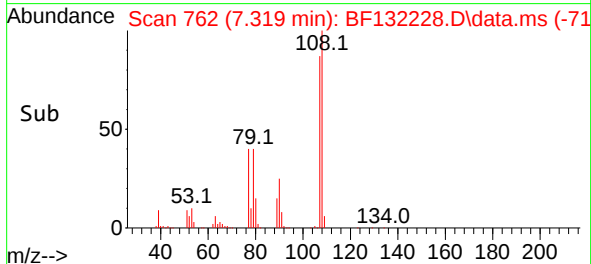
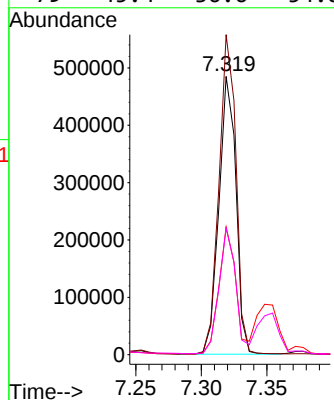
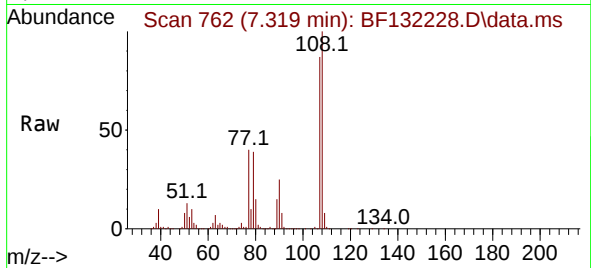


#17
2-Methylphenol
Concen: 40.808 ng
RT: 7.319 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

Tgt Ion:107 Resp: 435845

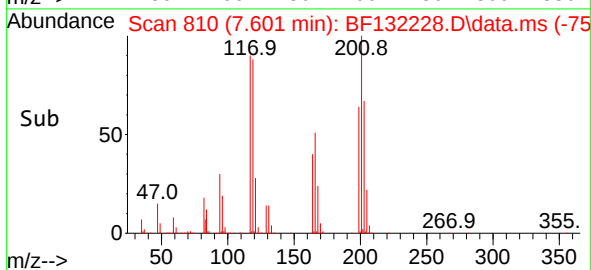
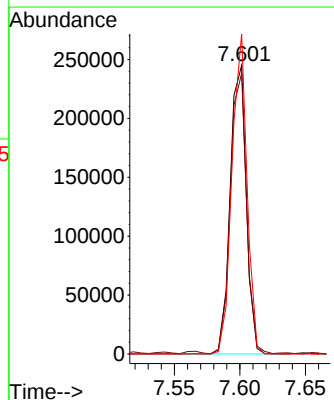
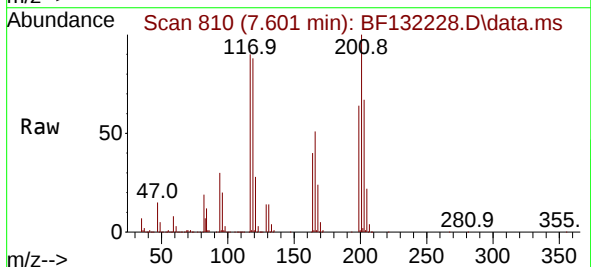
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.2	138.4
77	45.9	37.5	56.3
79	45.4	36.6	54.8

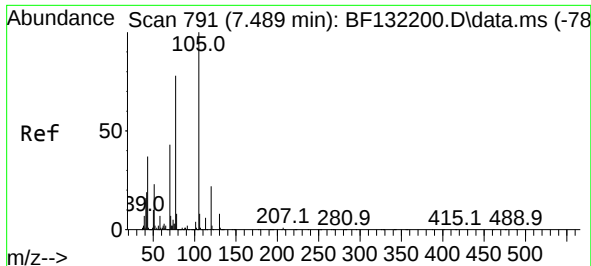


#18
Hexachloroethane
Concen: 43.718 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:117 Resp: 209131

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.0	114.0
201	111.0	72.9	109.3



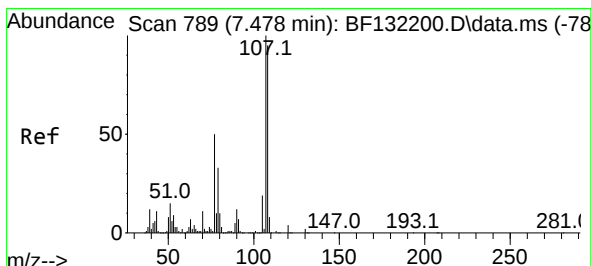
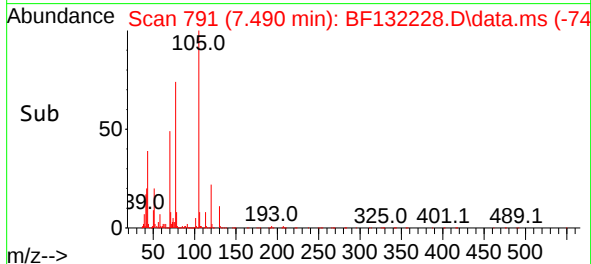
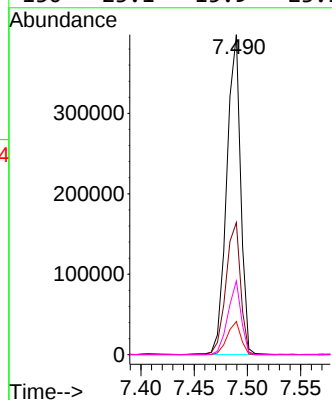
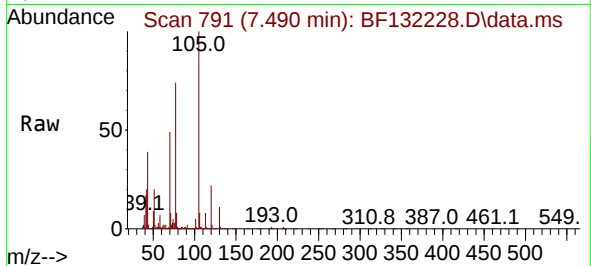


#19
n-Nitroso-di-n-propylamine
Concen: 40.679 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

Tgt Ion: 70 Resp: 359646

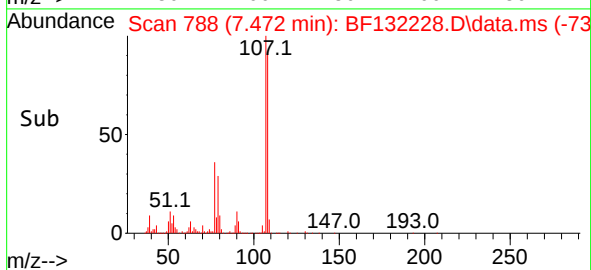
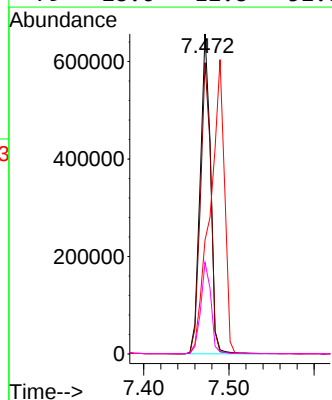
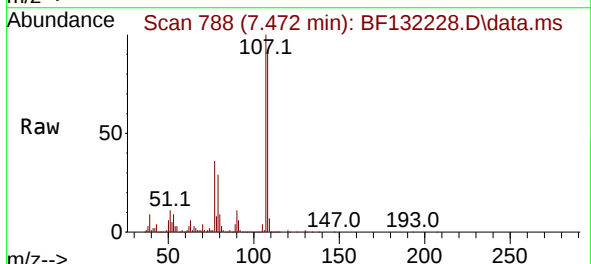
Ion	Ratio	Lower	Upper
70	100		
42	41.3	36.2	54.4
101	10.4	7.9	11.9
130	23.1	15.9	23.9

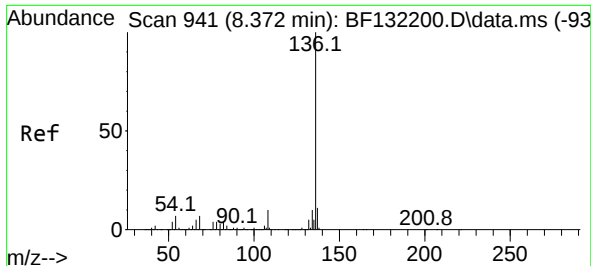


#20
3+4-Methylphenols
Concen: 41.562 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 107 Resp: 557898

Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.1	115.1
77	35.6	29.6	69.6
79	28.6	12.8	52.8

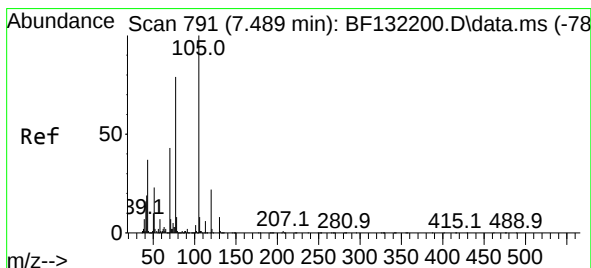
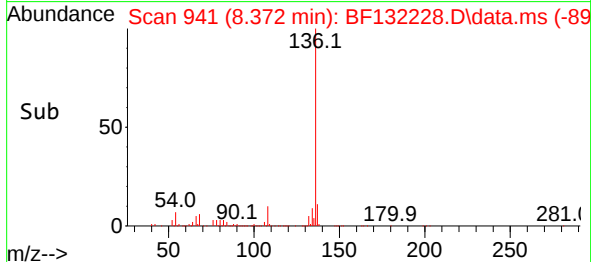
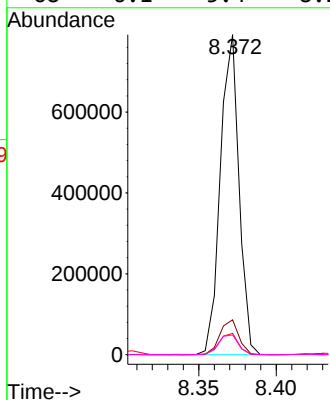
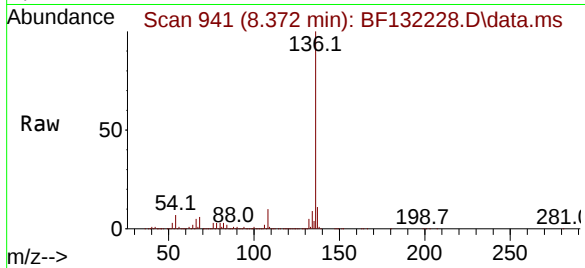




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

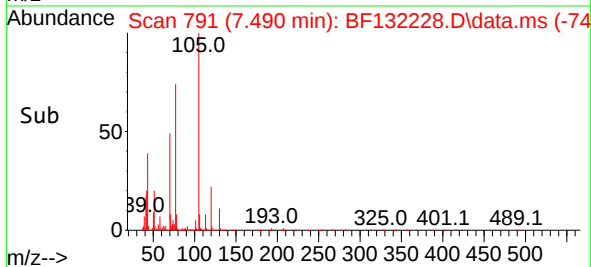
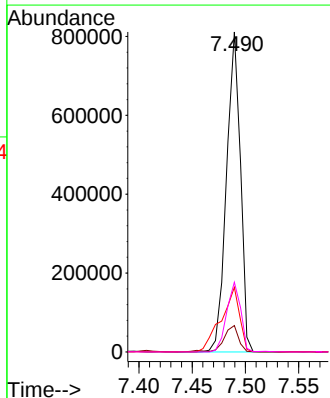
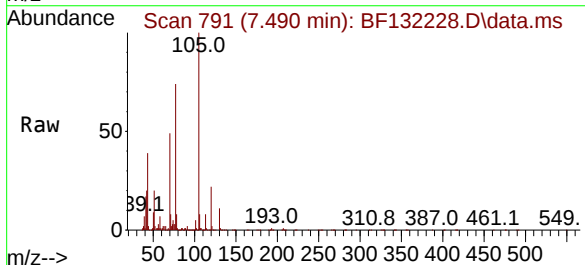
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

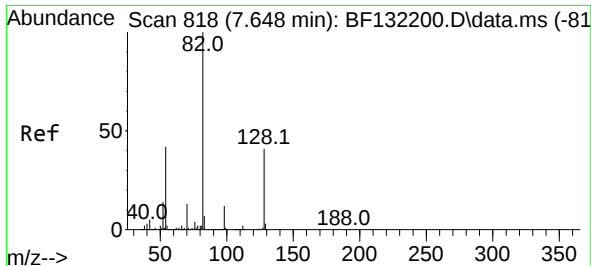
Tgt Ion:136 Resp: 661212
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.6 5.4 8.2
68 6.1 5.4 8.2



#22
Acetophenone
Concen: 45.296 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:105 Resp: 732300
Ion Ratio Lower Upper
105 100
71 8.3 5.7 8.5
51 20.2 18.1 27.1
120 21.8 17.5 26.3

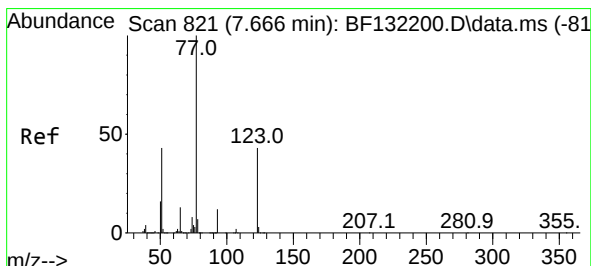
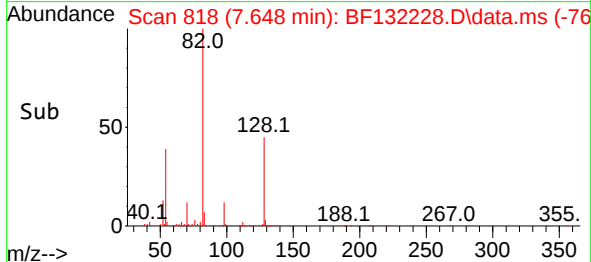
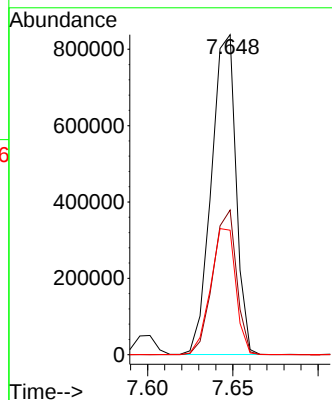
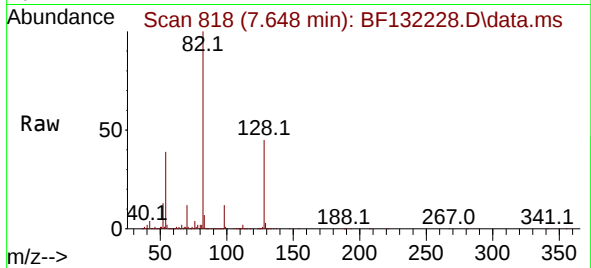




#23
Nitrobenzene-d5
Concen: 66.755 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

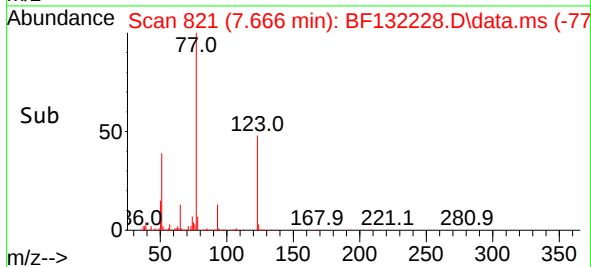
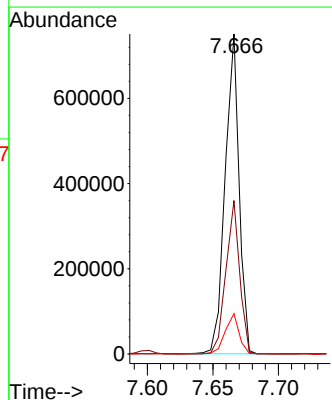
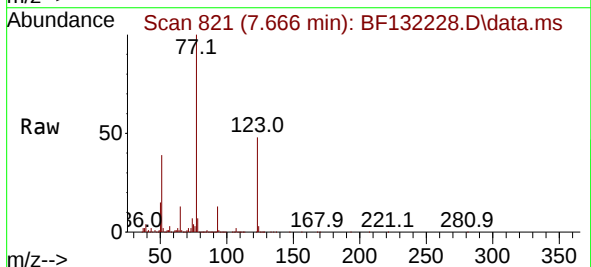
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

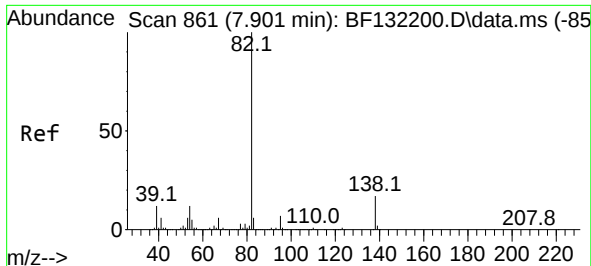
Tgt Ion: 82 Resp: 843111
Ion Ratio Lower Upper
82 100
128 45.2 32.7 49.1
54 38.9 33.3 49.9



#24
Nitrobenzene
Concen: 42.457 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 77 Resp: 554391
Ion Ratio Lower Upper
77 100
123 48.0 34.8 52.2
65 12.6 10.5 15.7

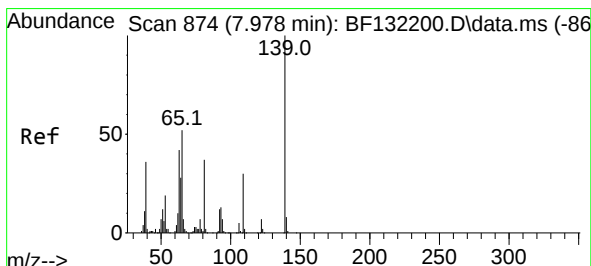
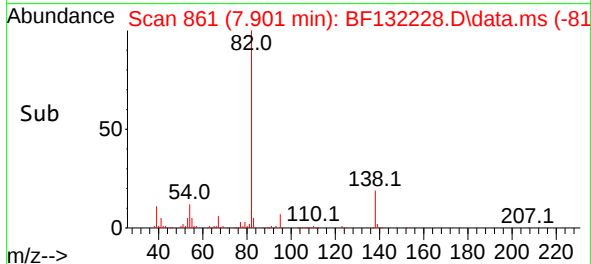
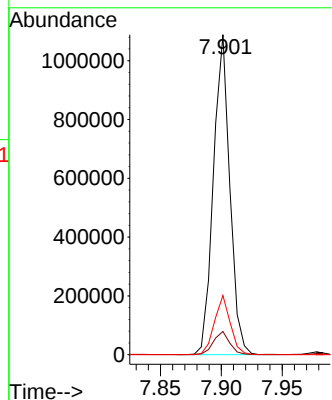
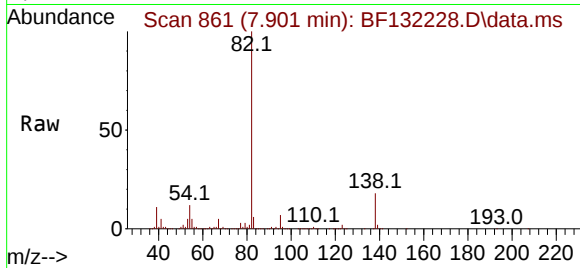




#25
Isophorone
Concen: 42.036 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

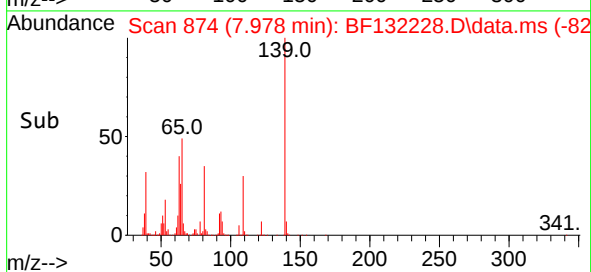
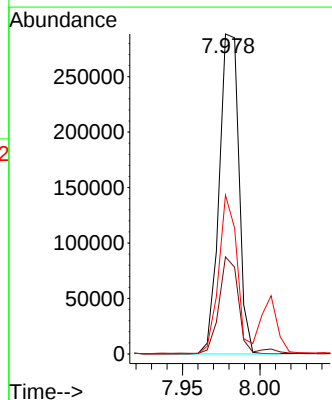
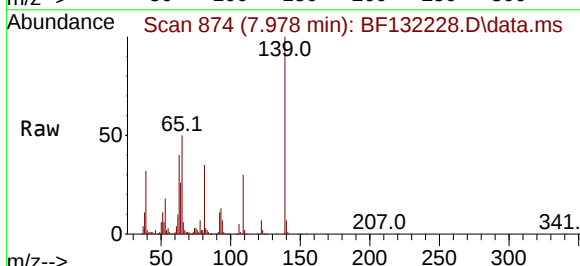
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

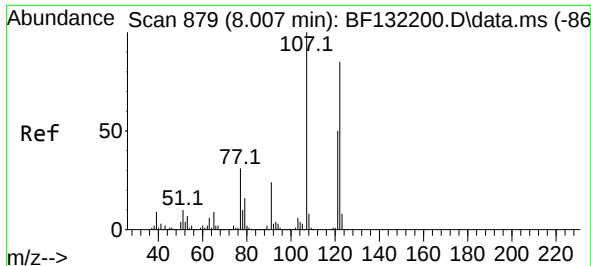
Tgt Ion: 82 Resp: 1021024
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 18.5 13.4 20.0



#26
2-Nitrophenol
Concen: 48.065 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:139 Resp: 255029
Ion Ratio Lower Upper
139 100
109 30.3 24.2 36.4
65 49.7 41.6 62.4

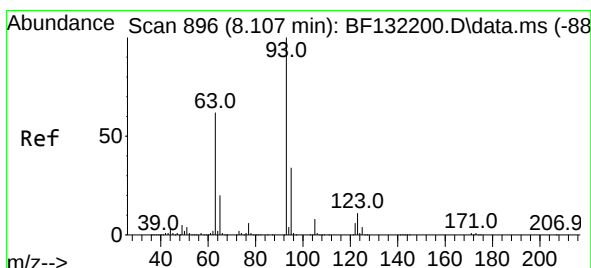
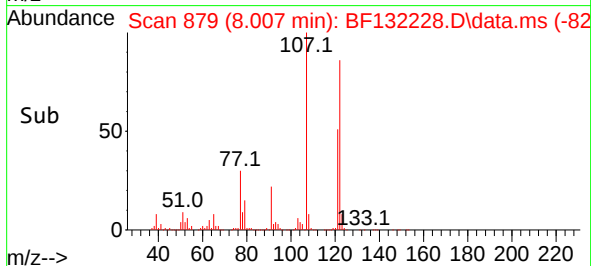
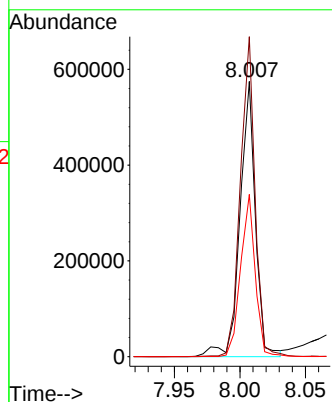
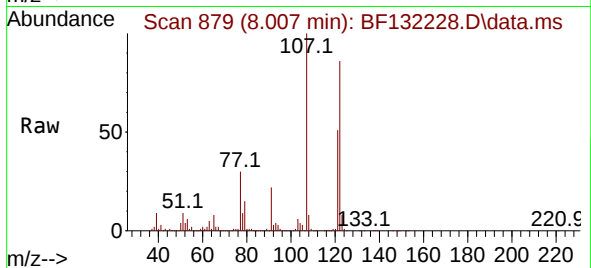




#27
2,4-Dimethylphenol
Concen: 46.377 ng
RT: 8.007 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

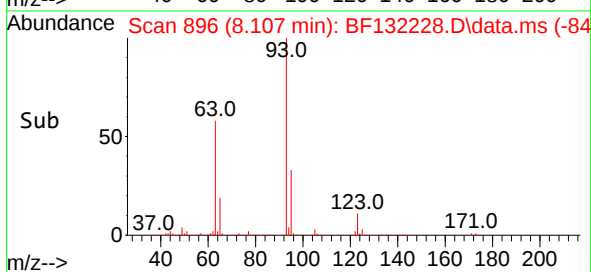
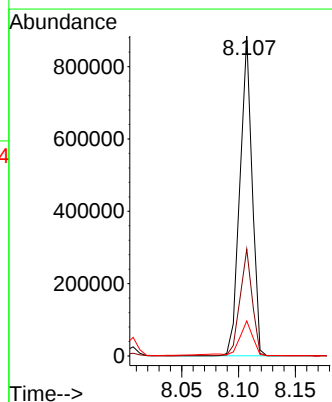
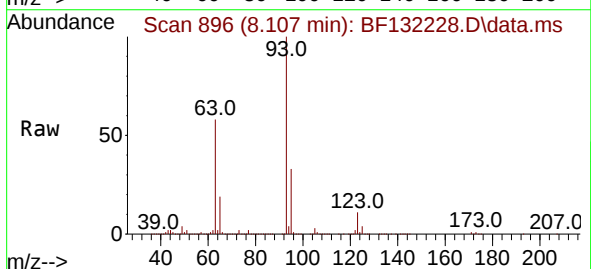
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

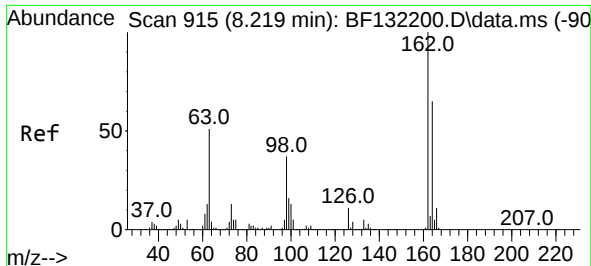
Tgt Ion:122 Resp: 471061
Ion Ratio Lower Upper
122 100
107 116.3 94.1 141.1
121 59.0 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.082 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion: 93 Resp: 659216
Ion Ratio Lower Upper
93 100
95 33.4 27.0 40.4
123 11.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 43.849 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

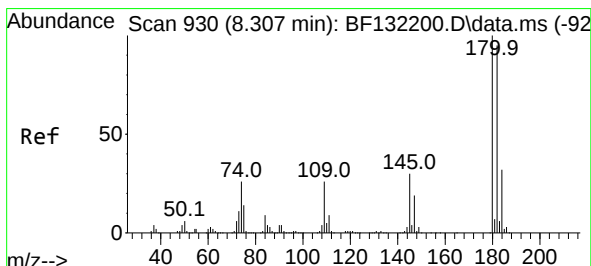
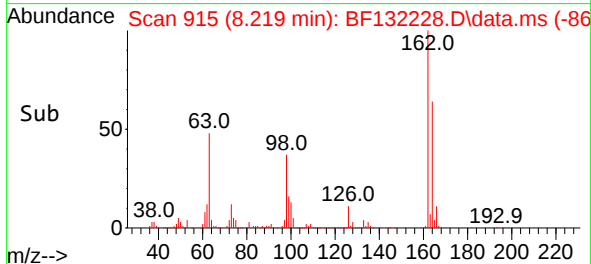
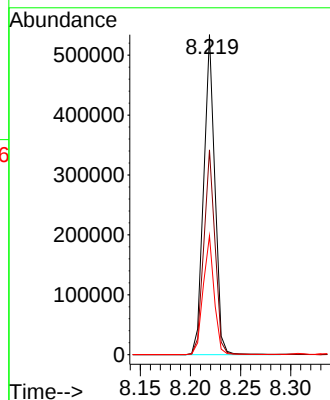
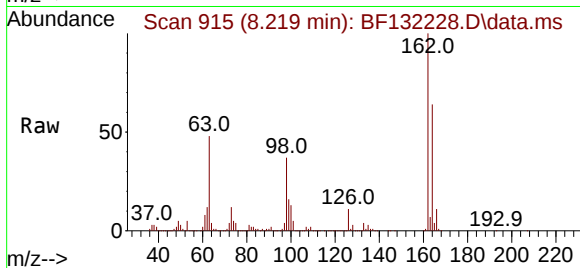
Tgt Ion:162 Resp: 415869

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 37.2 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 44.651 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

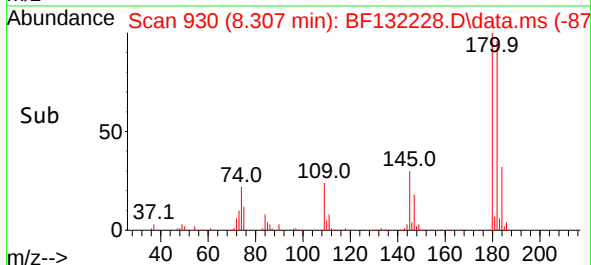
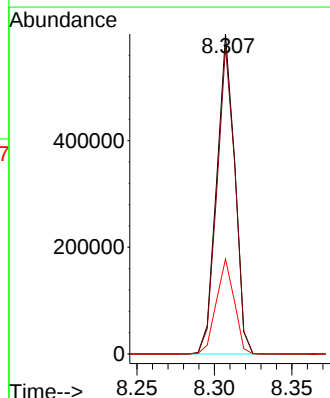
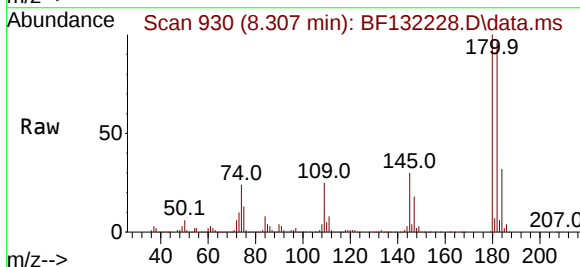
Tgt Ion:180 Resp: 486495

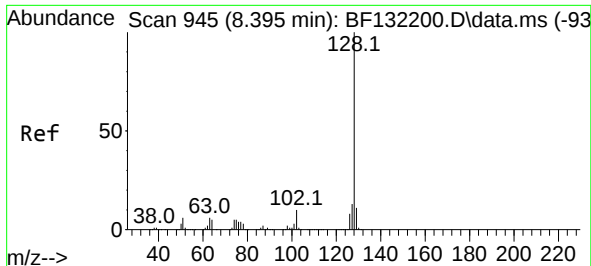
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

145 29.7 23.9 35.9

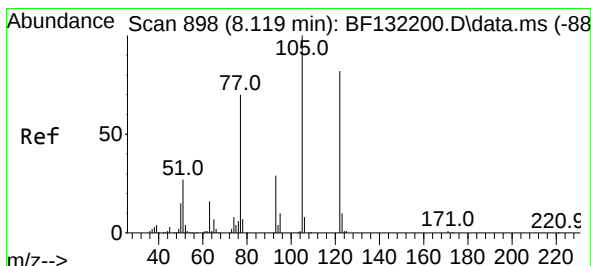
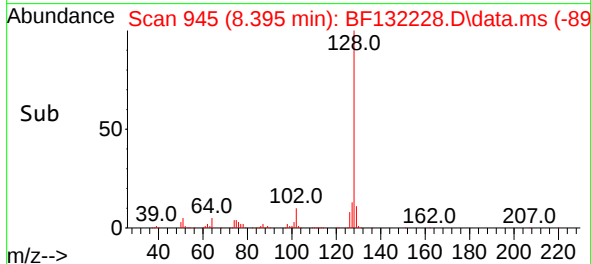
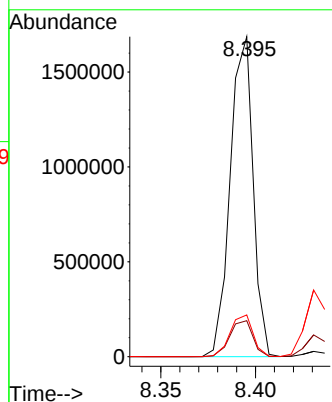
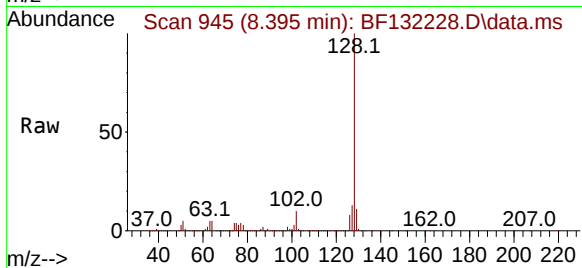




#31
Naphthalene
Concen: 43.266 ng
RT: 8.395 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

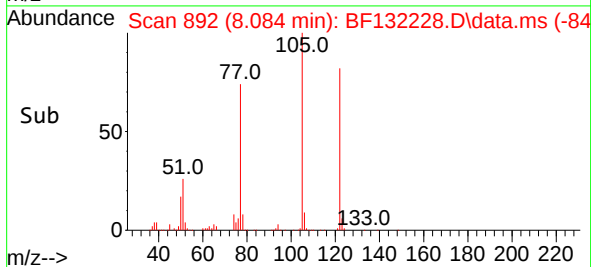
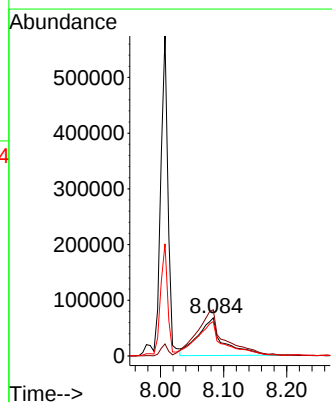
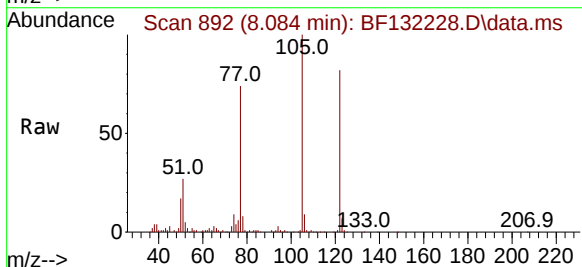
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

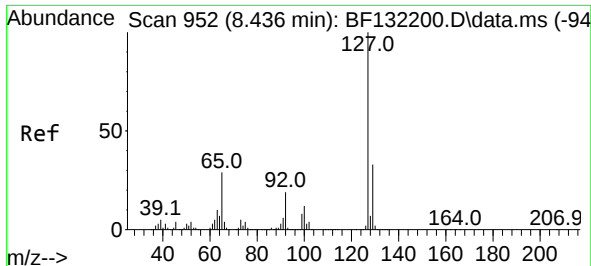
Tgt Ion:128 Resp: 1415490
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 31.055 ng
RT: 8.084 min Scan# 892
Delta R.T. -0.035 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:122 Resp: 190760
Ion Ratio Lower Upper
122 100
105 121.7 101.5 141.5
77 90.4 66.5 106.5

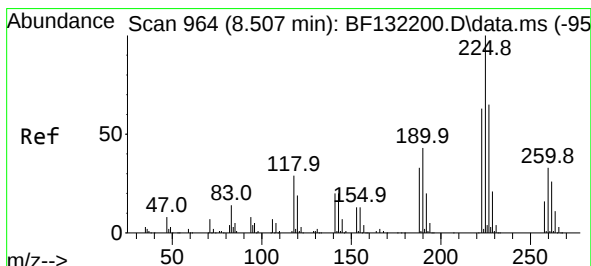
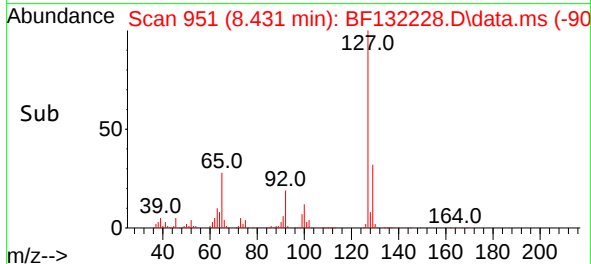
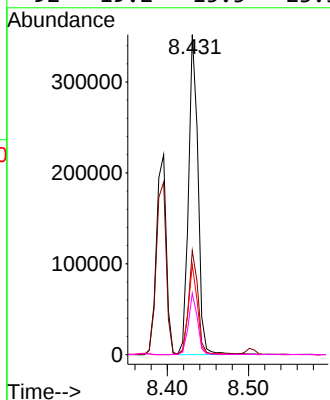
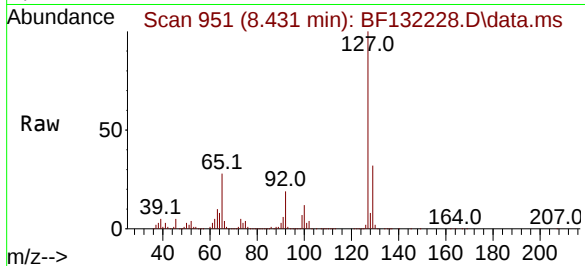




#33
4-Chloroaniline
Concen: 20.170 ng
RT: 8.431 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

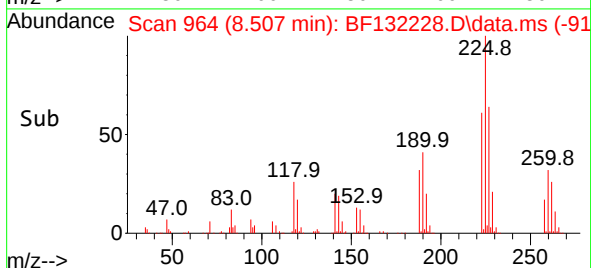
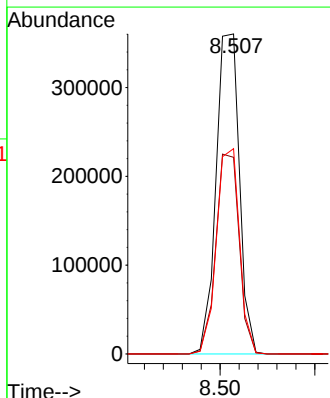
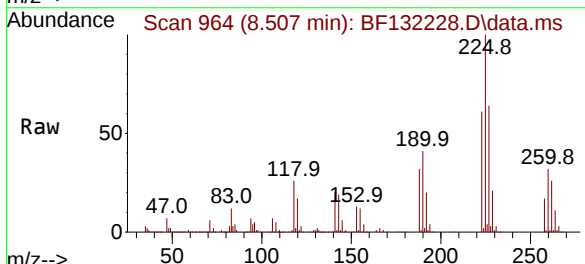
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

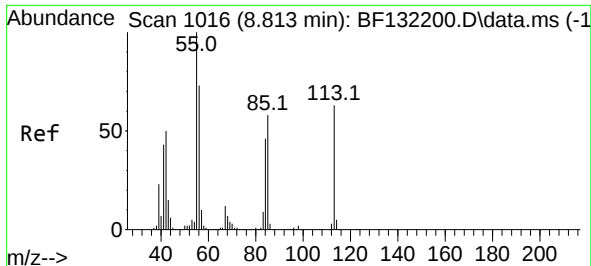
Tgt Ion:	127	Resp:	286062
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	28.1	22.9	34.3
92	19.2	15.5	23.3



#34
Hexachlorobutadiene
Concen: 45.379 ng
RT: 8.507 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:	225	Resp:	308853
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	64.1	52.1	78.1

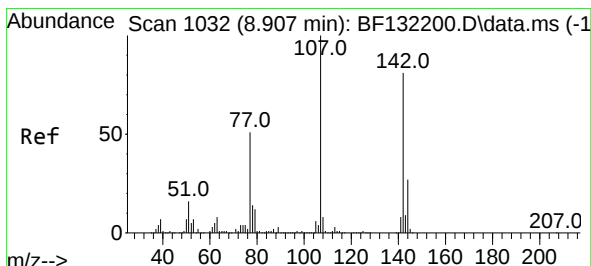
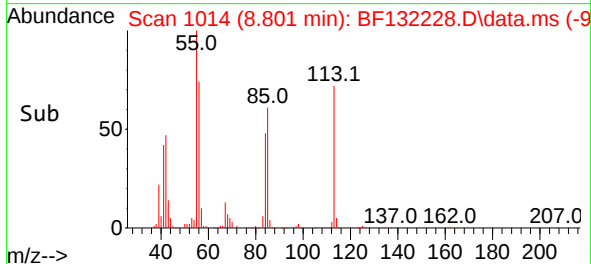
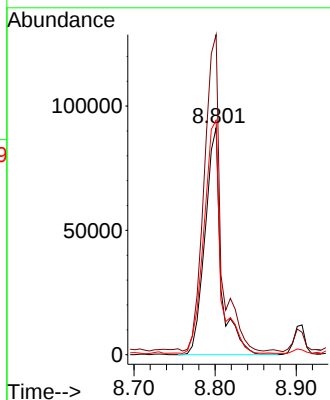
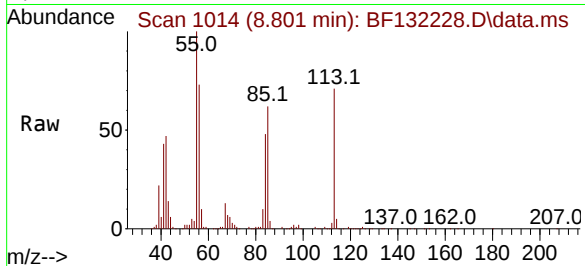




#35
 Caprolactam
 Concen: 46.882 ng
 RT: 8.801 min Scan# 1014
 Delta R.T. -0.012 min
 Lab File: BF132228.D
 Acq: 31 Jan 2023 00:36

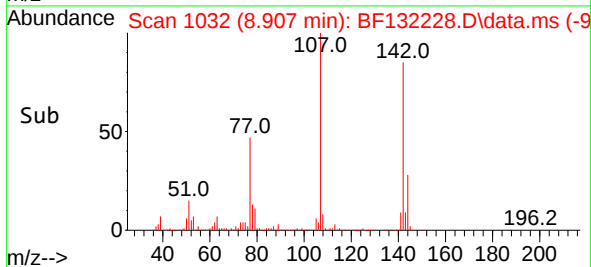
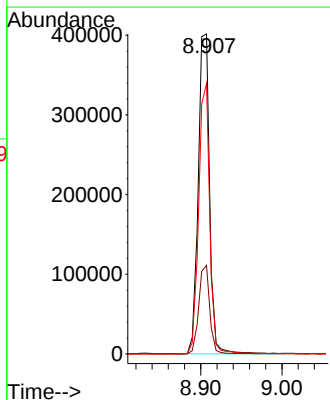
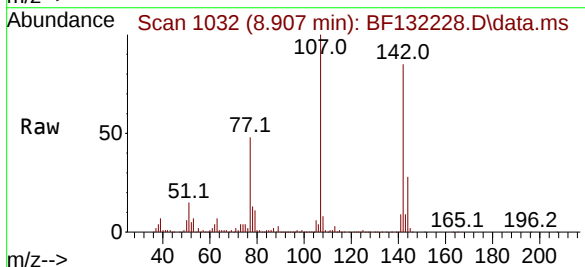
Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MS

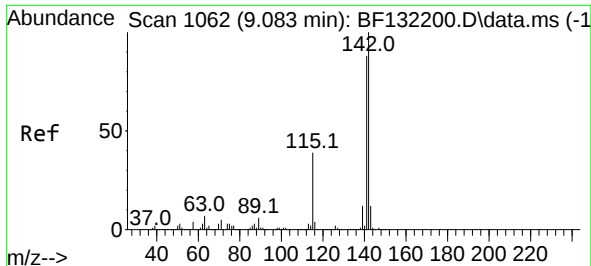
Tgt Ion:113 Resp: 125894
 Ion Ratio Lower Upper
 113 100
 55 141.0 138.7 178.7
 56 103.3 96.5 136.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.444 ng
 RT: 8.907 min Scan# 1032
 Delta R.T. 0.000 min
 Lab File: BF132228.D
 Acq: 31 Jan 2023 00:36

Tgt Ion:107 Resp: 392799
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.6 32.4
 142 84.5 64.8 97.2

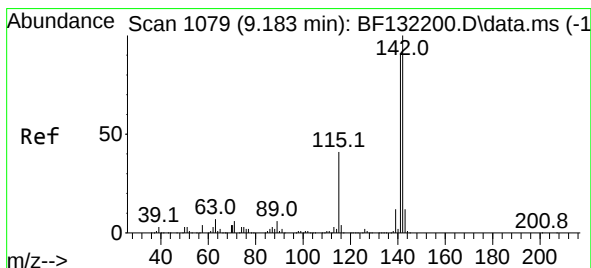
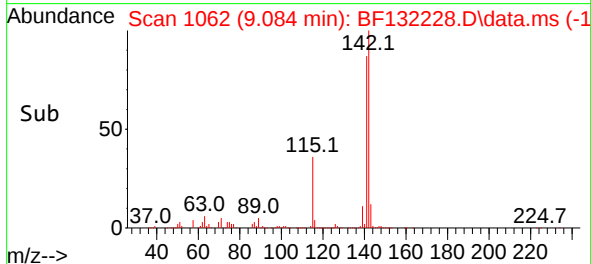
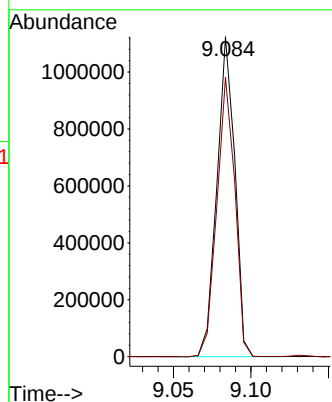
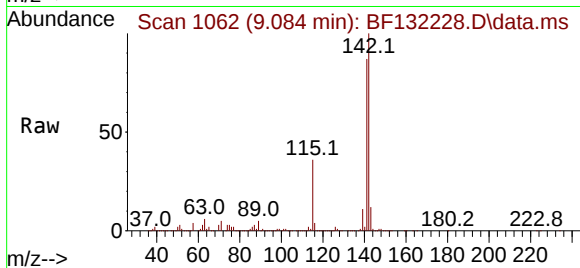




#37
2-Methylnaphthalene
Concen: 40.332 ng
RT: 9.084 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

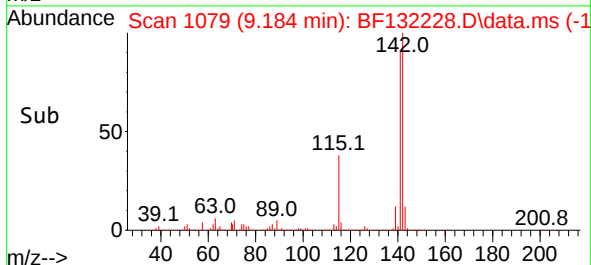
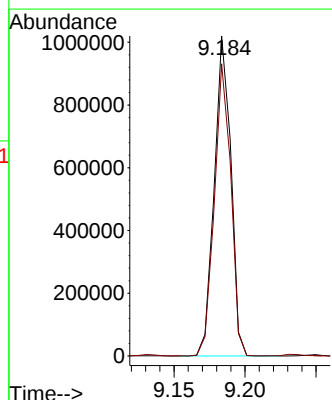
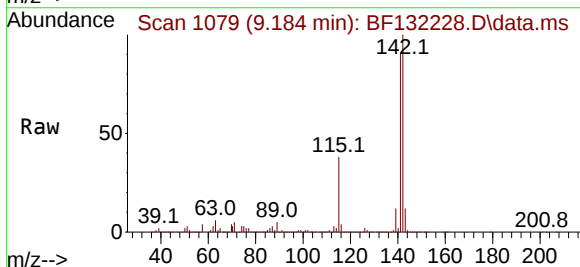
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

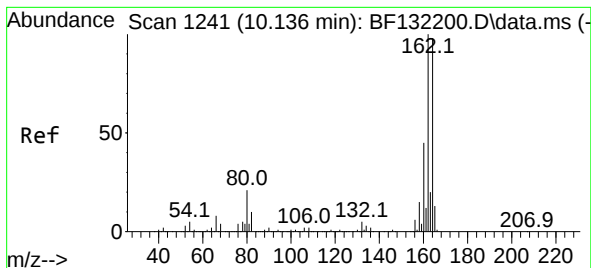
Tgt Ion:142 Resp: 905337
Ion Ratio Lower Upper
142 100
141 87.2 70.0 105.0



#38
1-Methylnaphthalene
Concen: 39.735 ng
RT: 9.184 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:142 Resp: 827402
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

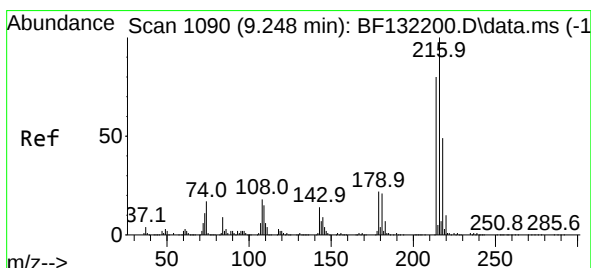
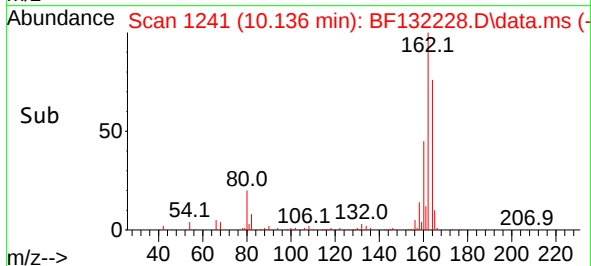
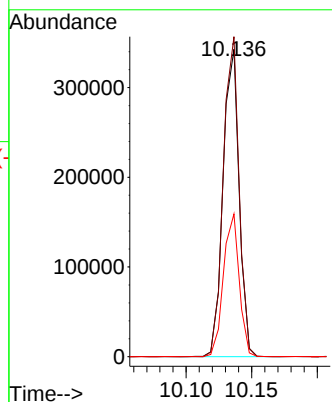
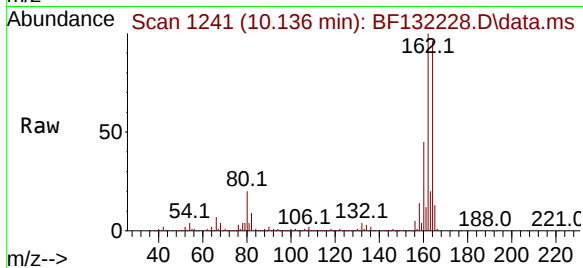
Tgt Ion:164 Resp: 291016

Ion Ratio Lower Upper

164 100

162 104.1 81.5 122.3

160 46.4 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.937 ng

RT: 9.248 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Tgt Ion:216 Resp: 468173

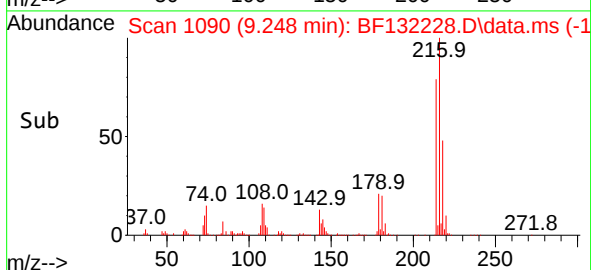
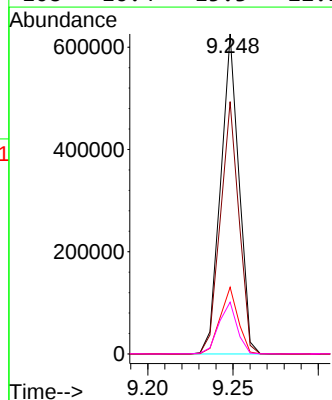
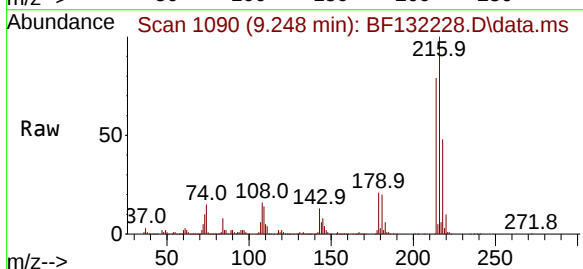
Ion Ratio Lower Upper

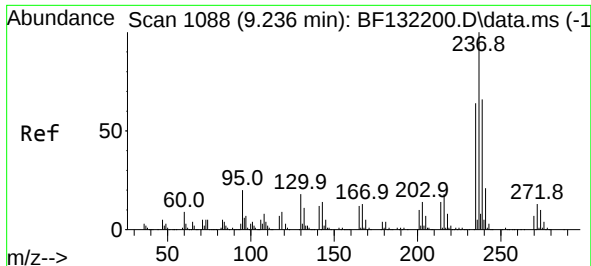
216 100

214 79.4 63.4 95.2

179 20.5 16.8 25.2

108 16.4 15.3 22.9

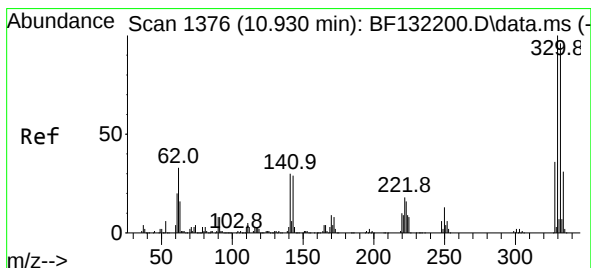
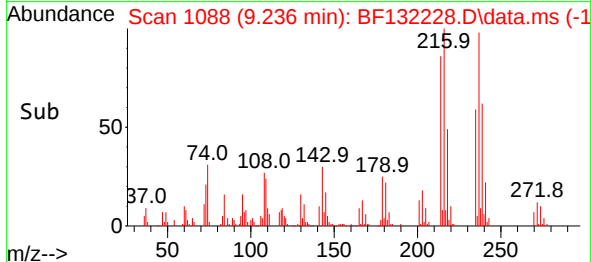
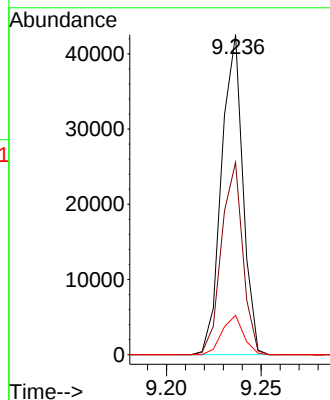
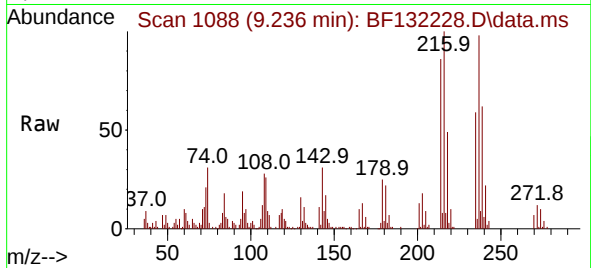




#41
Hexachlorocyclopentadiene
Concen: 6.717 ng
RT: 9.236 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

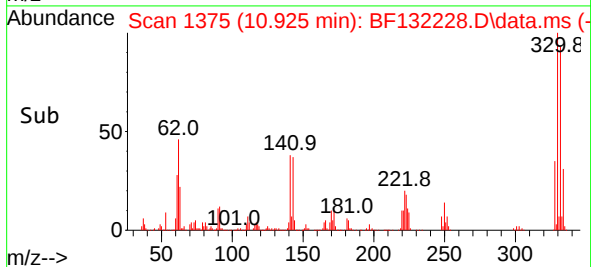
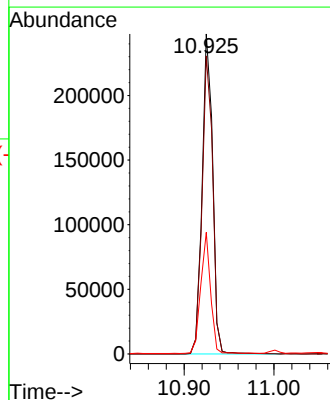
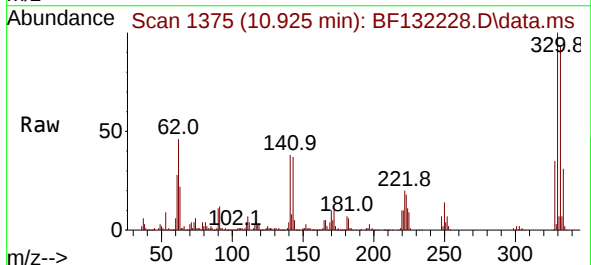
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

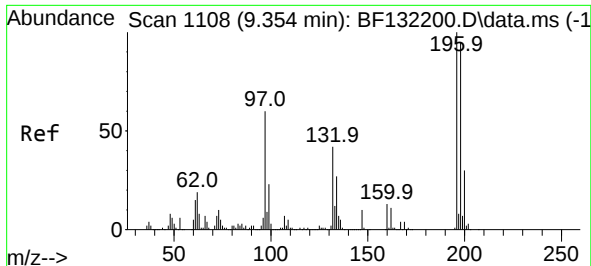
Tgt Ion:237 Resp: 33321
Ion Ratio Lower Upper
237 100
235 60.1 43.9 83.9
272 12.3 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 74.744 ng
RT: 10.925 min Scan# 1375
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:330 Resp: 201418
Ion Ratio Lower Upper
330 100
332 94.6 75.7 113.5
141 35.8 30.7 46.1

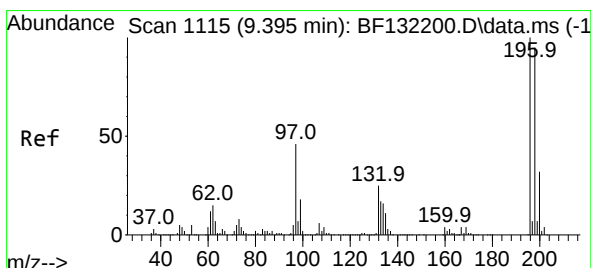
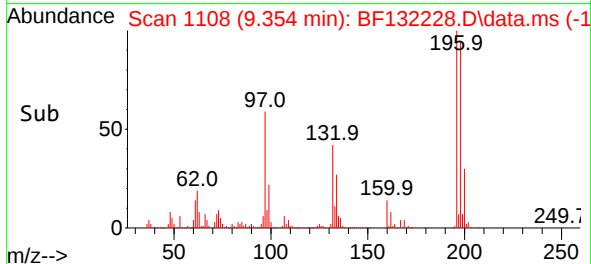
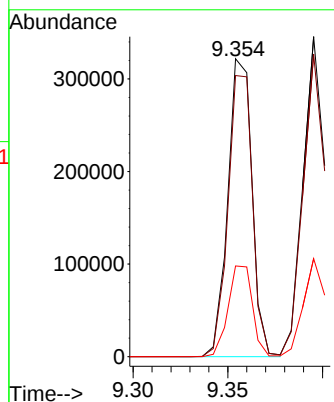
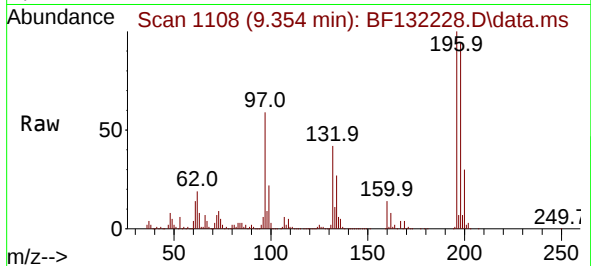




#43
2,4,6-Trichlorophenol
Concen: 47.969 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

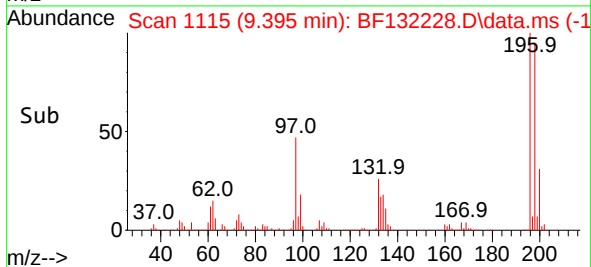
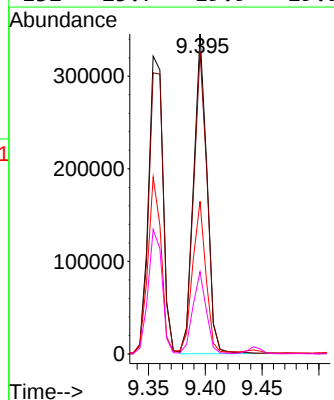
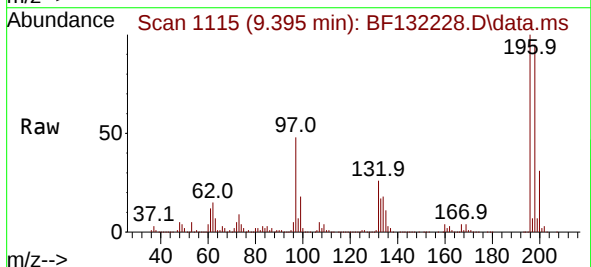
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

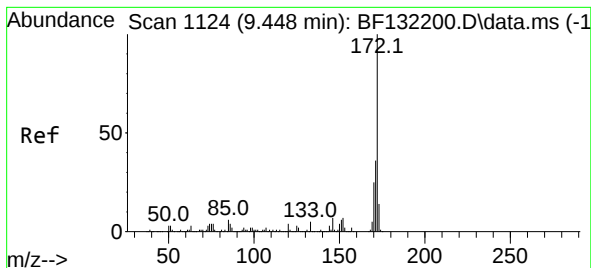
Tgt Ion:196 Resp: 285856
Ion Ratio Lower Upper
196 100
198 94.4 76.2 114.2
200 30.5 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 40.734 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:196 Resp: 284271
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
97 47.7 37.1 55.7
132 25.7 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 67.502 ng

RT: 9.442 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

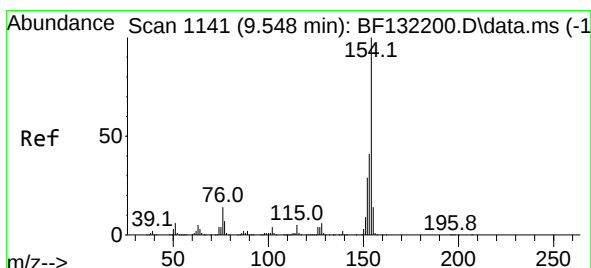
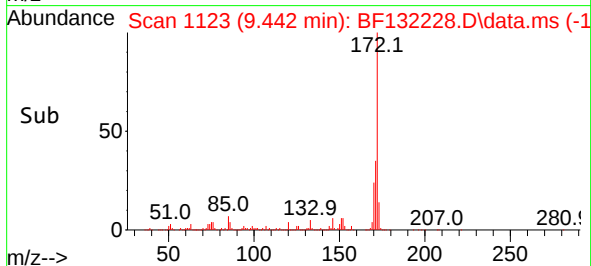
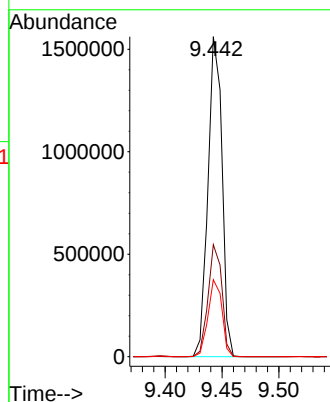
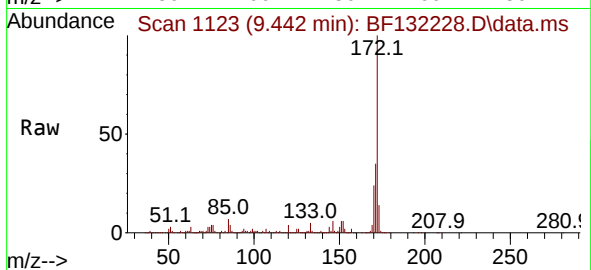
Tgt Ion:172 Resp: 1335036

Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 24.1 20.2 30.4



#46

1,1'-Biphenyl

Concen: 47.177 ng

RT: 9.548 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

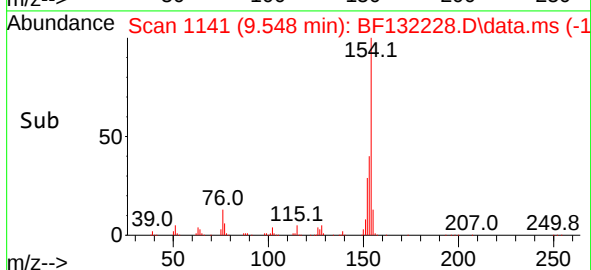
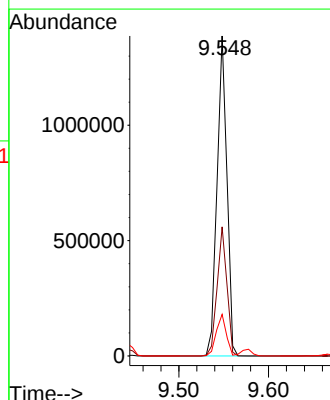
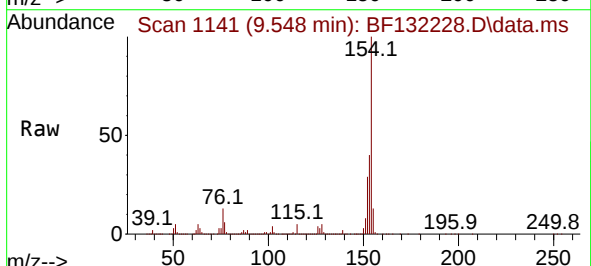
Tgt Ion:154 Resp: 1058040

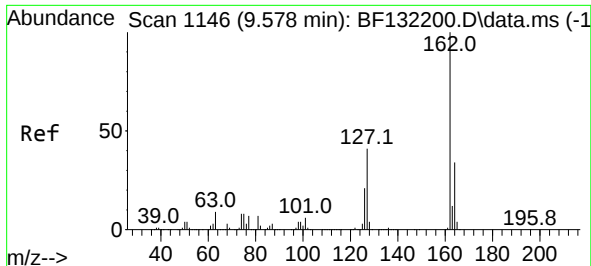
Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

76 13.0 0.0 34.2





#47

2-Chloronaphthalene

Concen: 46.802 ng

RT: 9.578 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

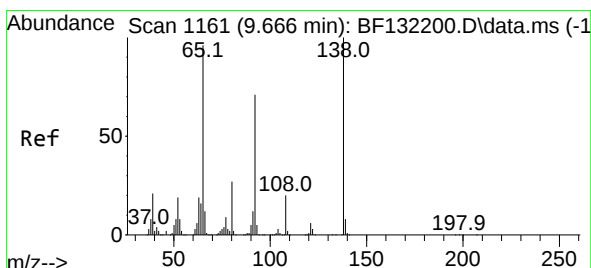
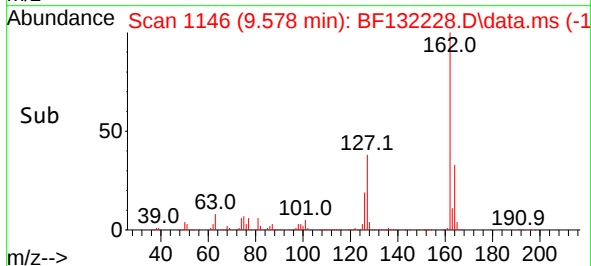
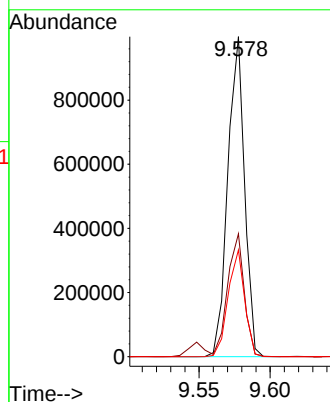
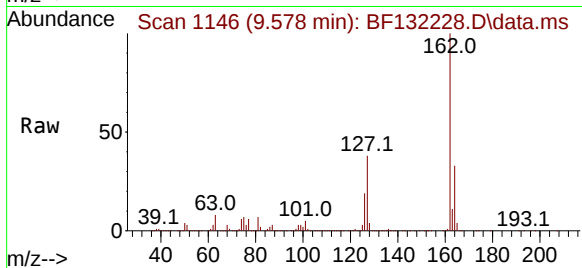
Tgt Ion:162 Resp: 814664

Ion Ratio Lower Upper

162 100

127 38.4 32.7 49.1

164 33.3 27.3 40.9



#48

2-Nitroaniline

Concen: 46.352 ng

RT: 9.666 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

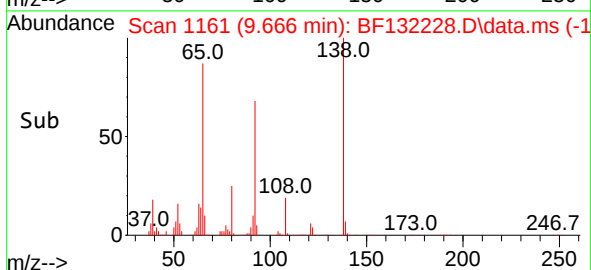
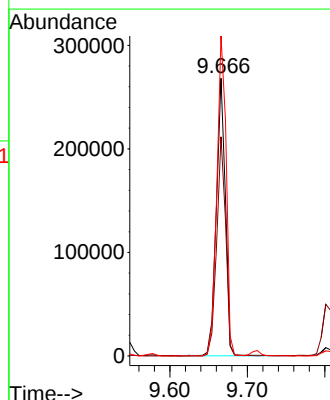
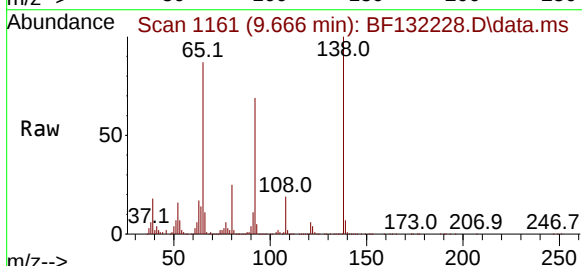
Tgt Ion: 65 Resp: 216687

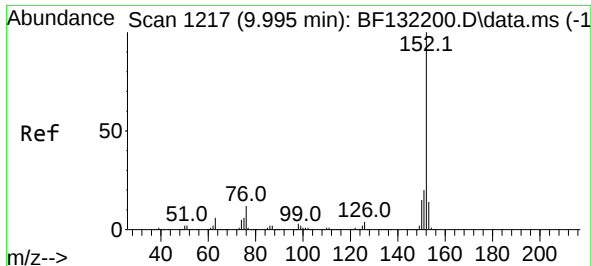
Ion Ratio Lower Upper

65 100

92 78.9 59.2 88.8

138 115.2 83.7 125.5

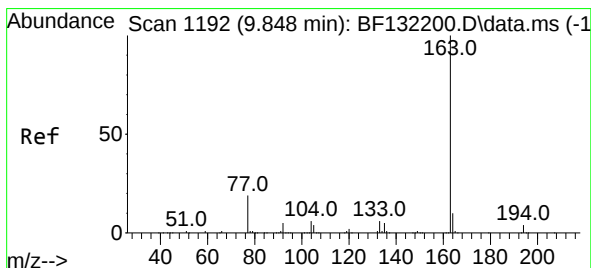
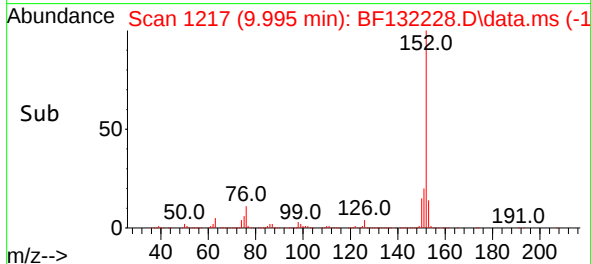
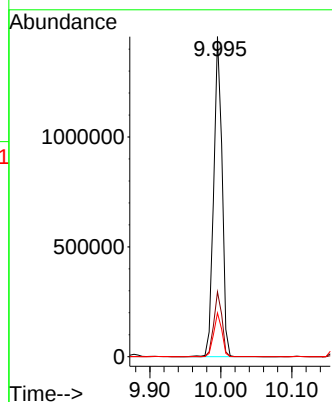
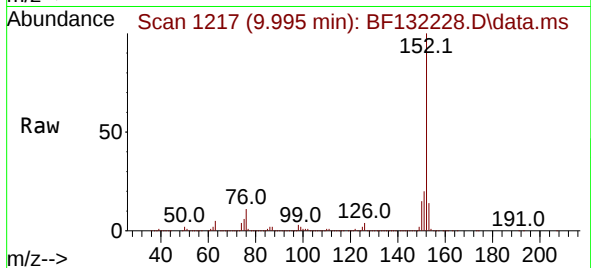




#49
Acenaphthylene
Concen: 44.213 ng
RT: 9.995 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

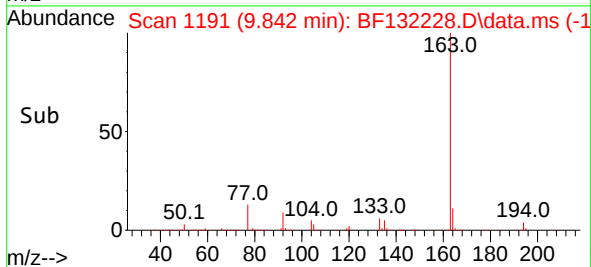
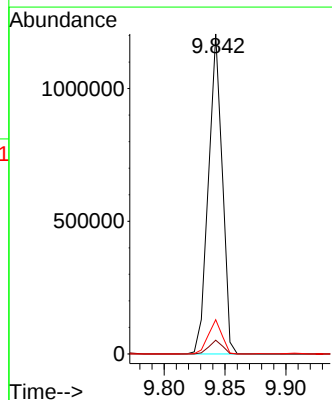
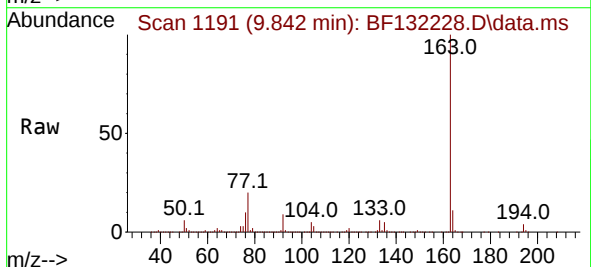
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

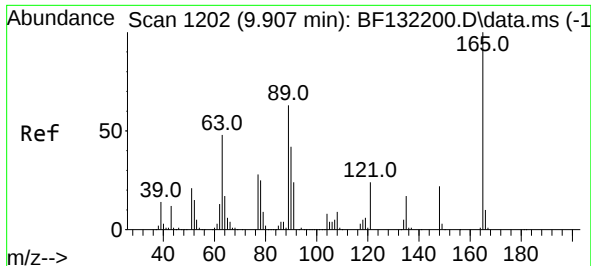
Tgt Ion:152 Resp: 1195748
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.6 10.9 16.3



#50
Dimethylphthalate
Concen: 48.148 ng
RT: 9.842 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:163 Resp: 950941
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 46.922 ng

RT: 9.907 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

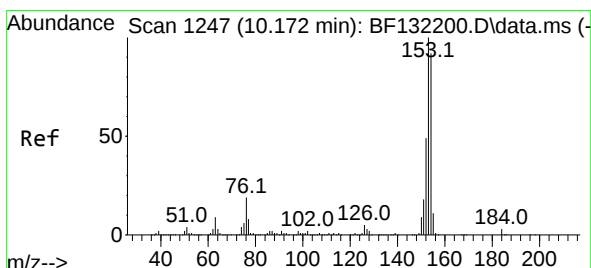
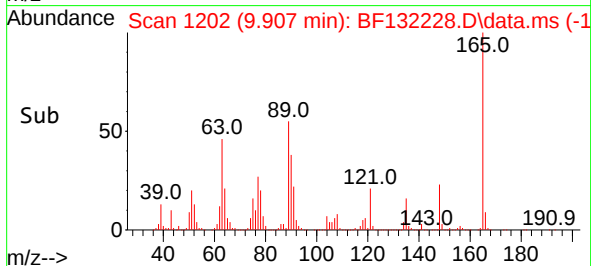
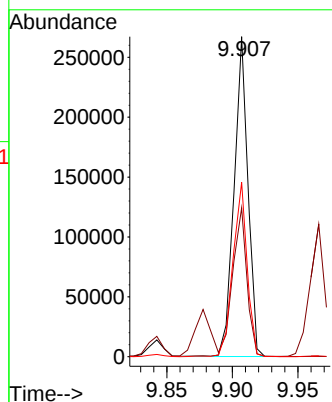
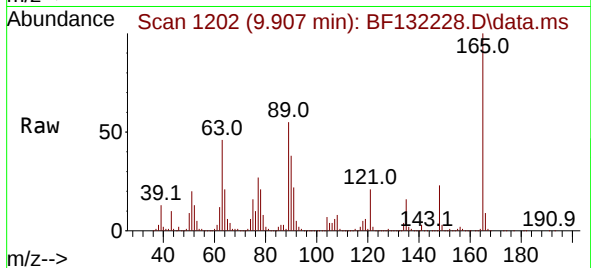
Tgt Ion:165 Resp: 196878

Ion Ratio Lower Upper

165 100

63 46.5 46.1 69.1

89 54.5 50.3 75.5



#52

Acenaphthene

Concen: 43.289 ng

RT: 10.172 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

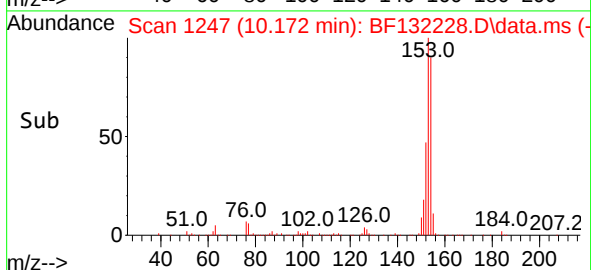
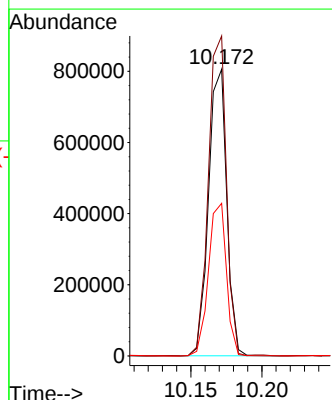
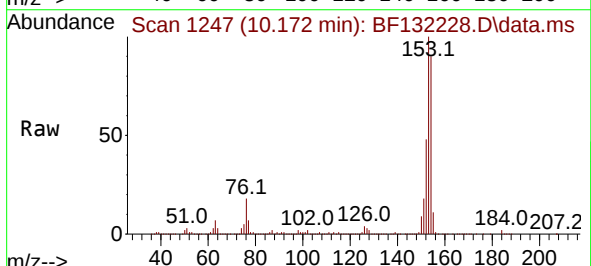
Tgt Ion:154 Resp: 719825

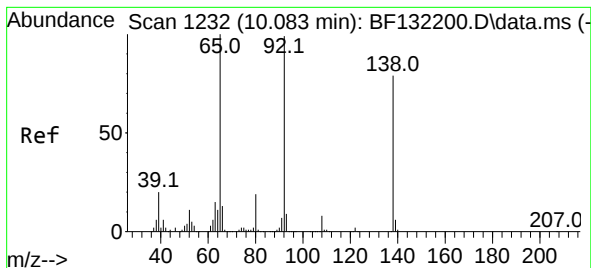
Ion Ratio Lower Upper

154 100

153 111.6 87.3 130.9

152 53.2 43.2 64.8

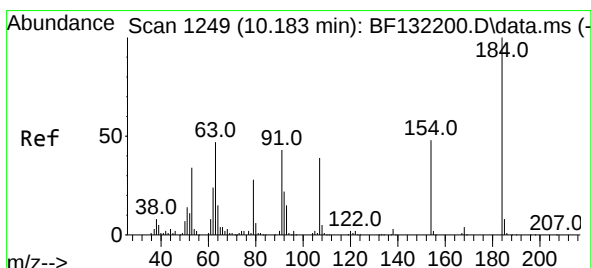
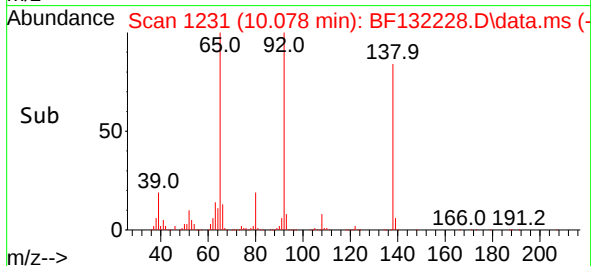
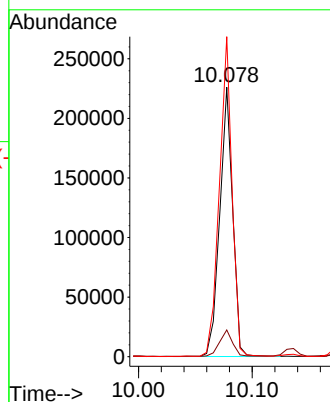
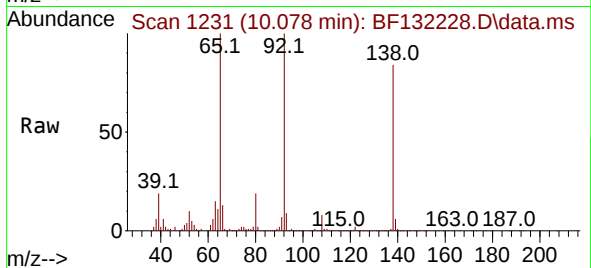




#53
3-Nitroaniline
Concen: 38.462 ng
RT: 10.078 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

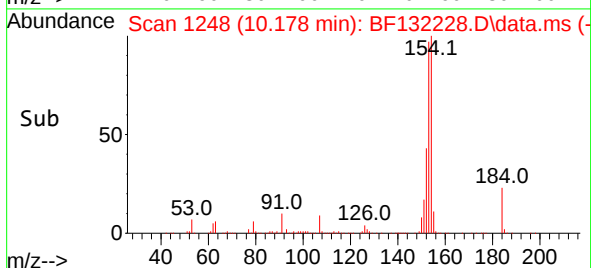
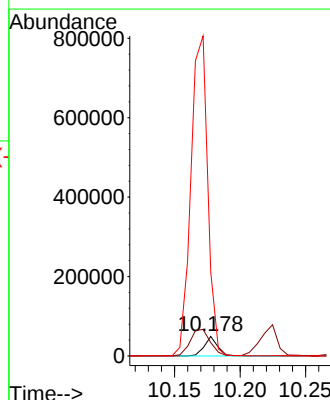
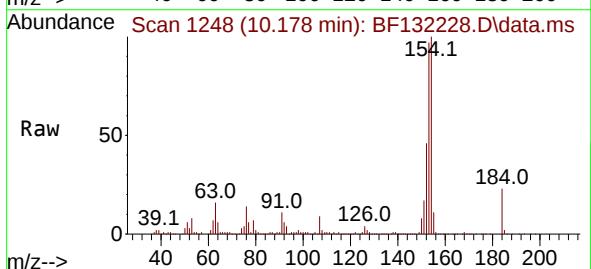
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

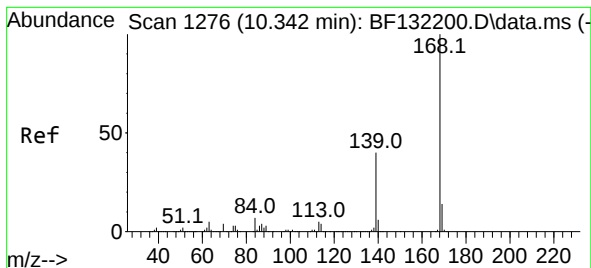
Tgt Ion:138 Resp: 178576
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 118.7 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 21.528 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:184 Resp: 34818
Ion Ratio Lower Upper
184 100
63 68.0 39.8 59.6#
154 428.6 54.2 81.2#





#55

Dibenzofuran

Concen: 43.138 ng

RT: 10.342 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

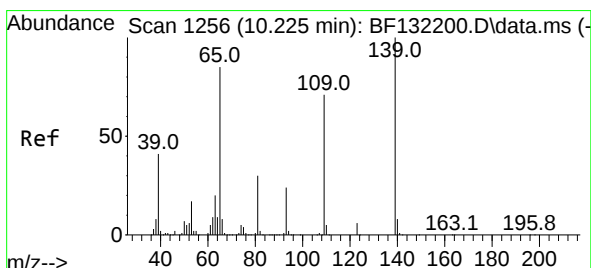
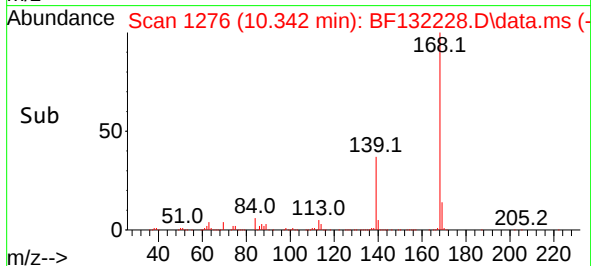
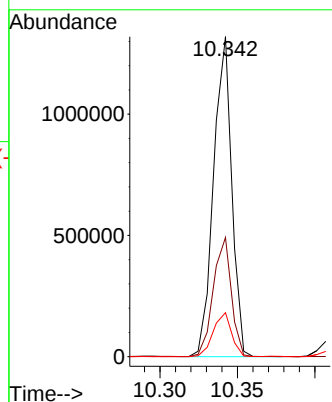
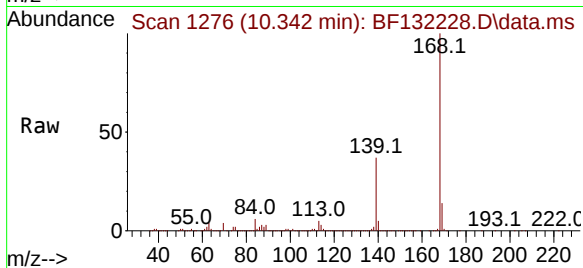
Tgt Ion:168 Resp: 1074611

Ion Ratio Lower Upper

168 100

139 37.2 31.7 47.5

169 13.8 11.1 16.7



#56

4-Nitrophenol

Concen: 86.130 ng

RT: 10.225 min Scan# 1256

Delta R.T. -0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

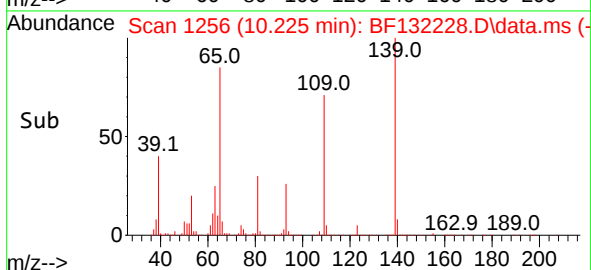
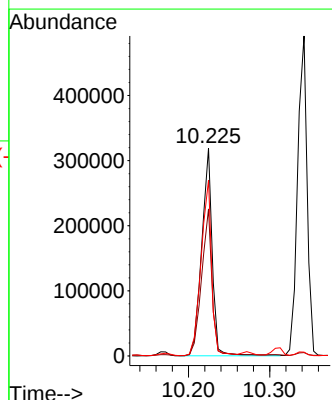
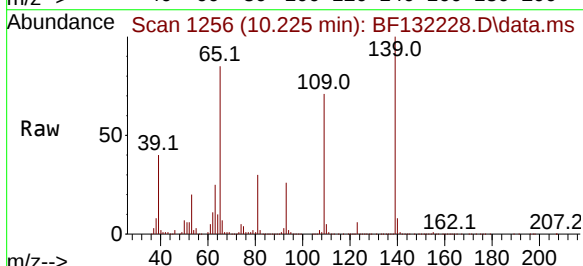
Tgt Ion:139 Resp: 288919

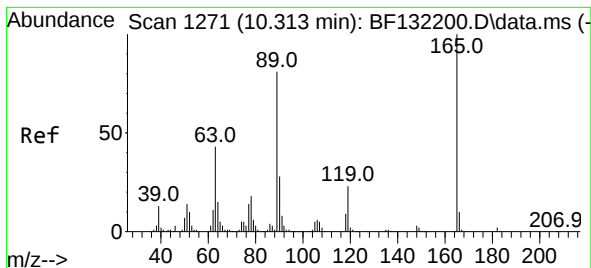
Ion Ratio Lower Upper

139 100

109 70.9 50.8 90.8

65 84.7 65.5 105.5

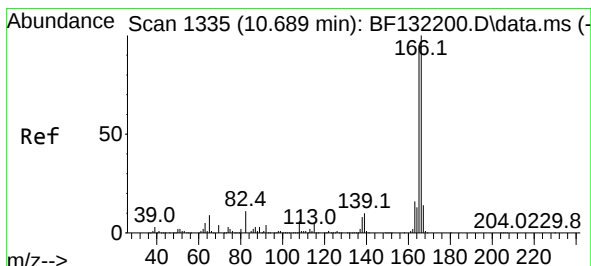
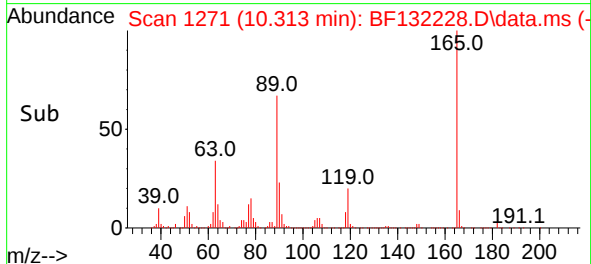
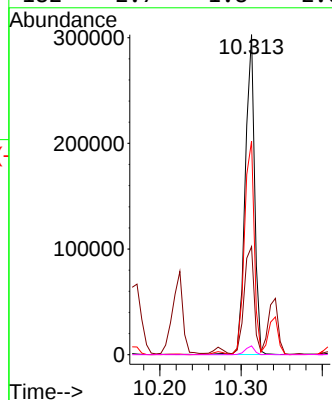
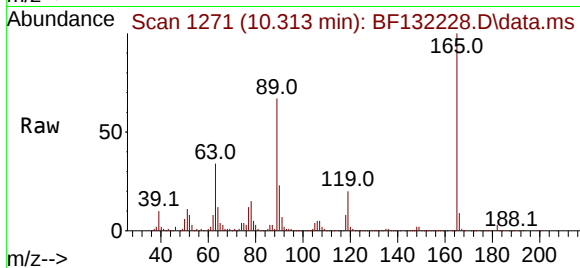




#57
2,4-Dinitrotoluene
Concen: 46.355 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

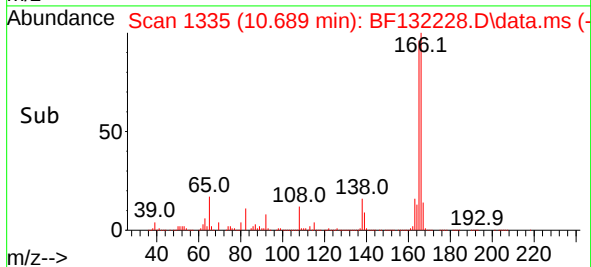
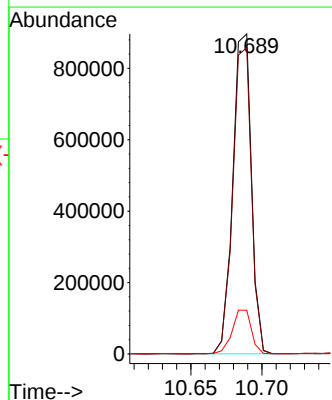
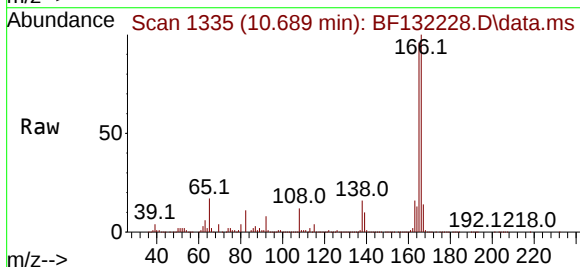
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

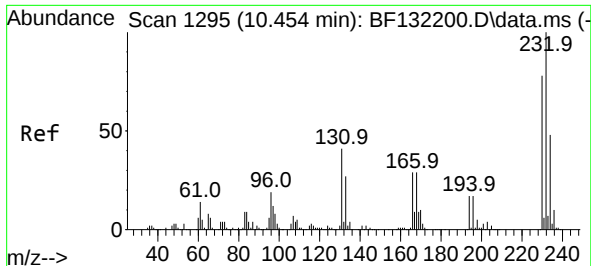
Tgt Ion:165 Resp: 239450
Ion Ratio Lower Upper
165 100
63 33.8 34.2 51.2#
89 66.8 65.1 97.7
182 2.7 1.8 2.6#



#58
Fluorene
Concen: 43.049 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:166 Resp: 819122
Ion Ratio Lower Upper
166 100
165 95.7 76.3 114.5
167 13.7 10.9 16.3

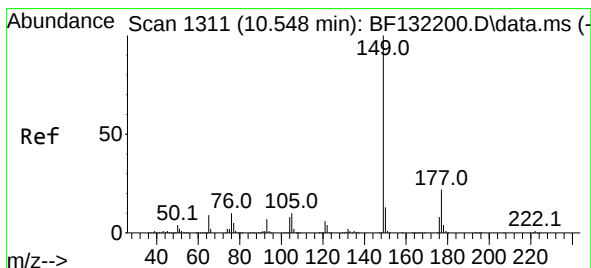
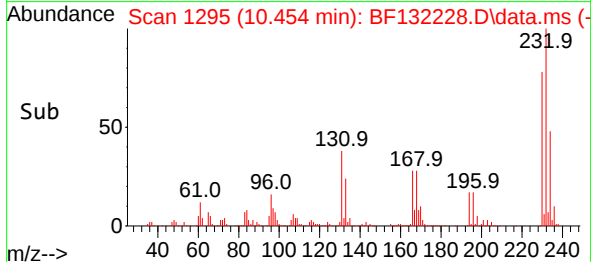
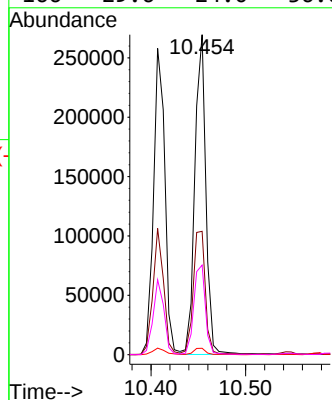
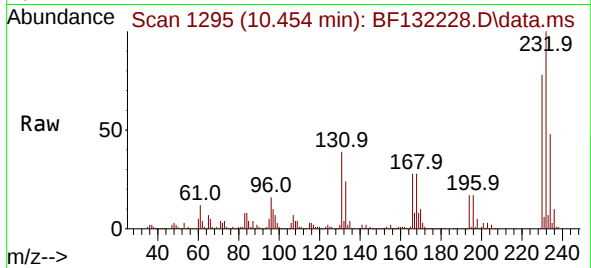




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.237 ng
RT: 10.454 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

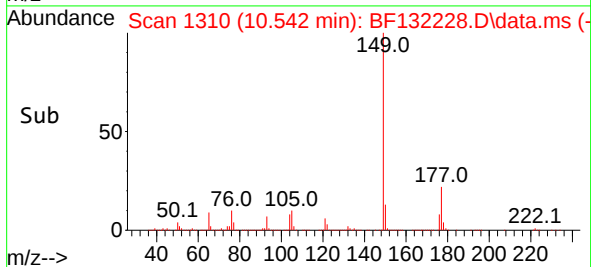
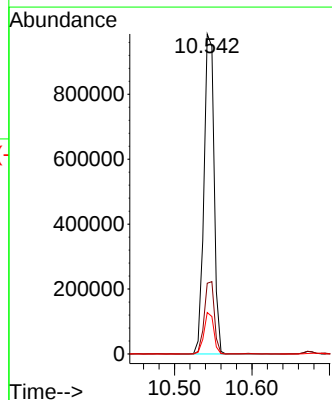
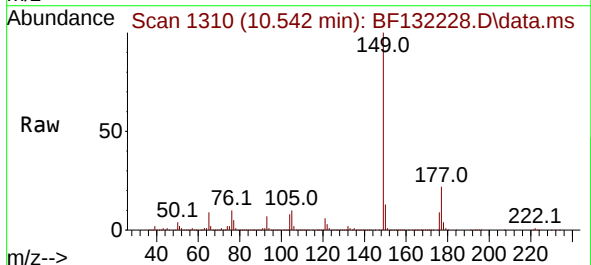
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

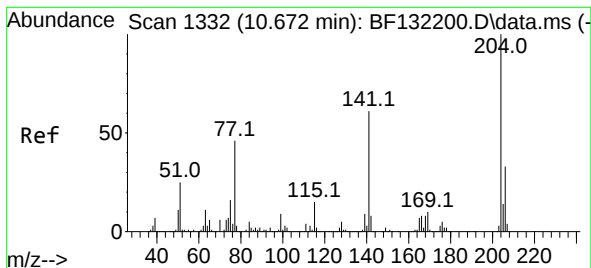
Tgt Ion:232 Resp: 219356
Ion Ratio Lower Upper
232 100
131 42.1 35.1 52.7
130 2.3 1.7 2.5
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 46.318 ng
RT: 10.542 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:149 Resp: 891719
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 13.0 10.2 15.4

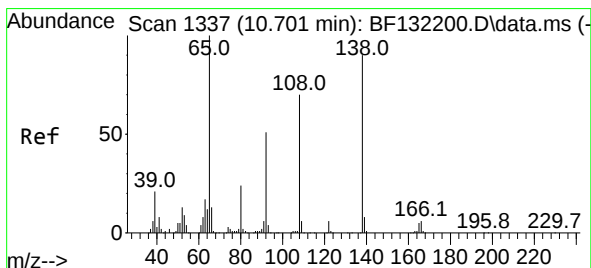
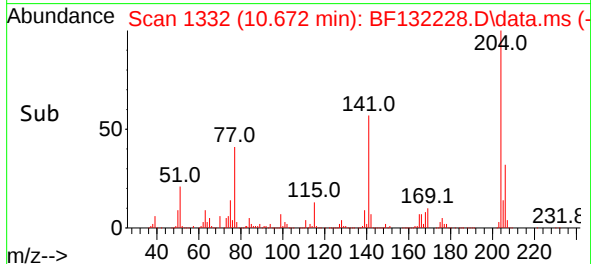
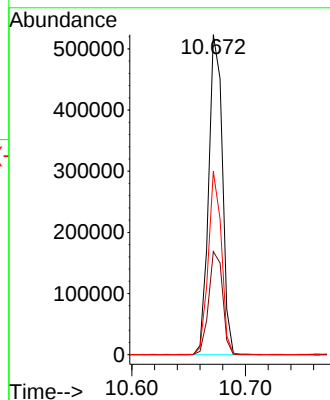
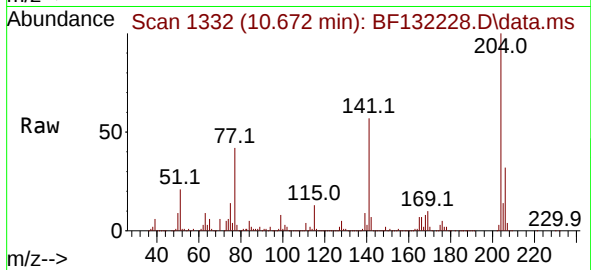




#61
4-Chlorophenyl-phenylether
Concen: 43.558 ng
RT: 10.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

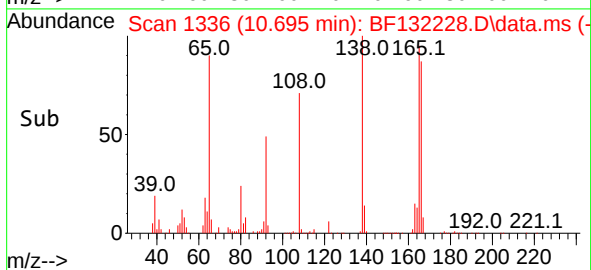
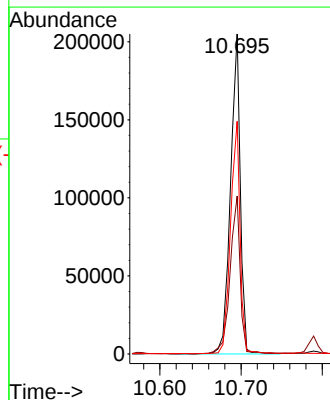
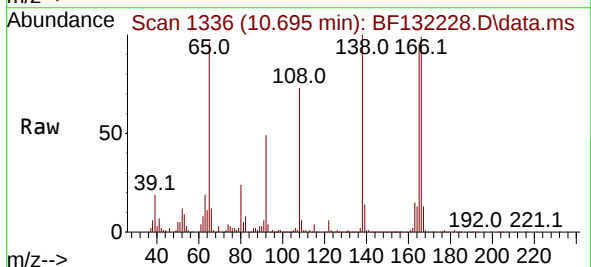
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

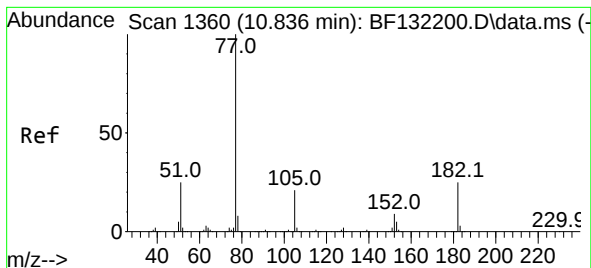
Tgt Ion:204 Resp: 437212
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 57.3 49.2 73.8



#62
4-Nitroaniline
Concen: 39.655 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:138 Resp: 172750
Ion Ratio Lower Upper
138 100
92 49.4 36.0 76.0
108 72.7 57.9 97.9





#63

Azobenzene

Concen: 40.159 ng

RT: 10.836 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

Tgt Ion: 77 Resp: 815932

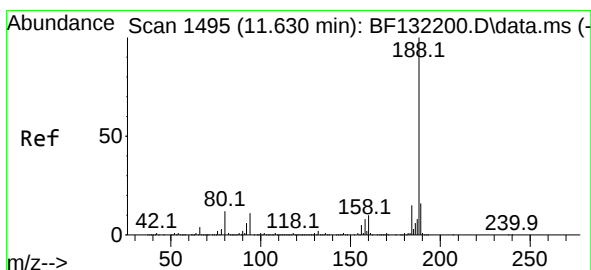
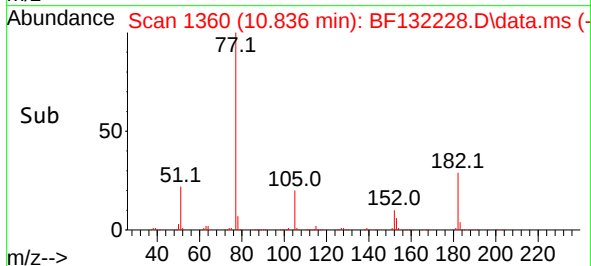
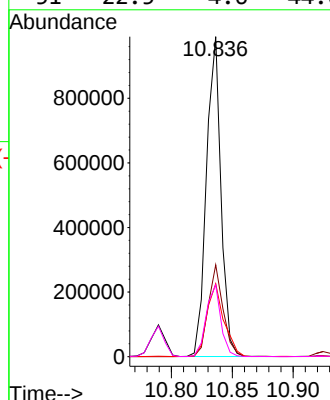
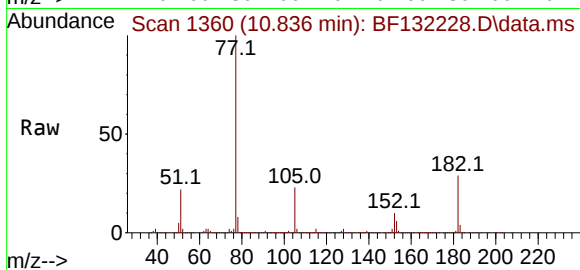
Ion Ratio Lower Upper

77 100

182 28.7 4.7 44.7

105 22.8 1.1 41.1

51 22.5 4.6 44.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.630 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

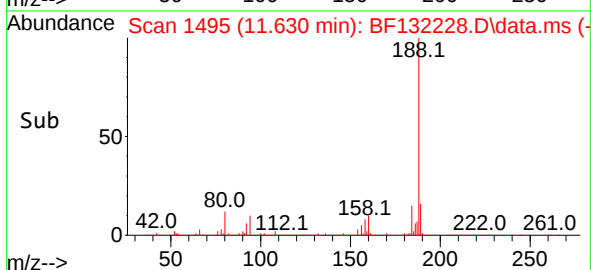
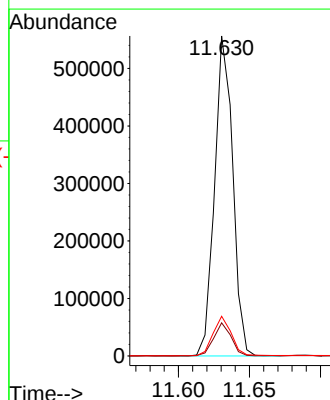
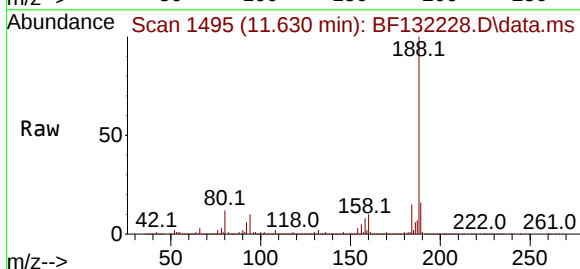
Tgt Ion: 188 Resp: 494472

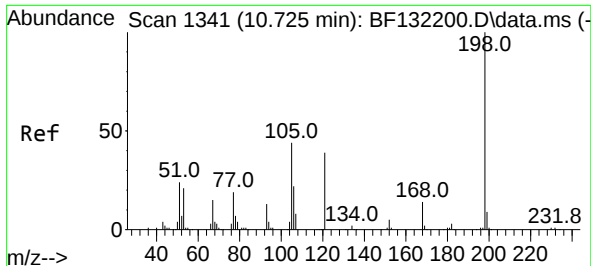
Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 12.4 9.2 13.8

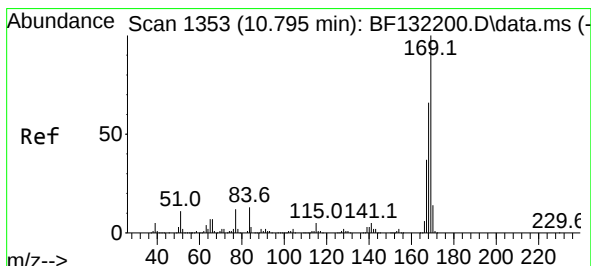
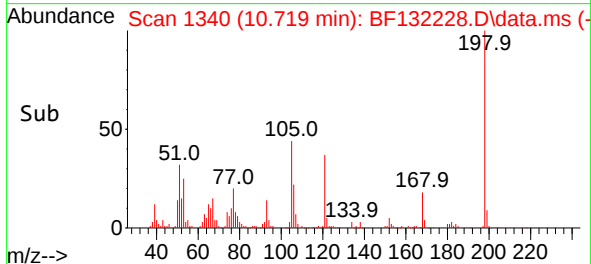
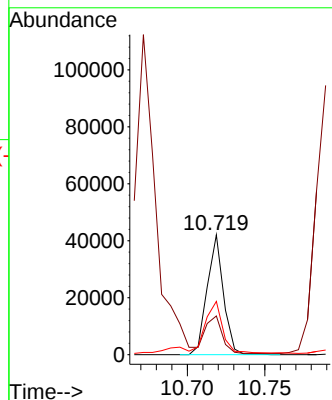
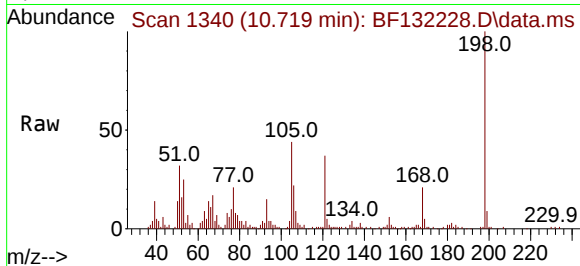




#65
4,6-Dinitro-2-methylphenol
Concen: 15.999 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

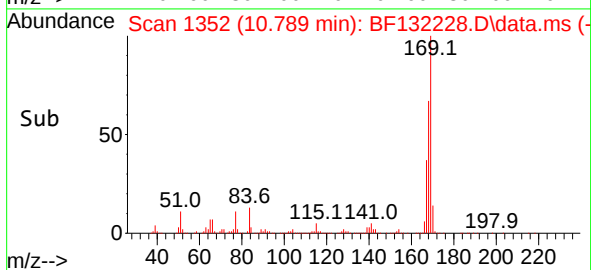
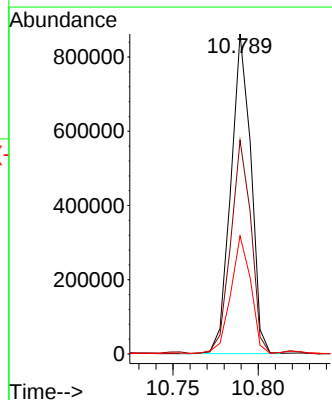
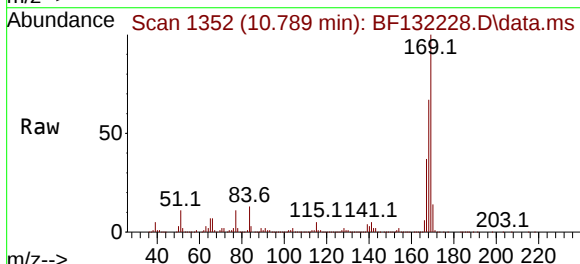
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

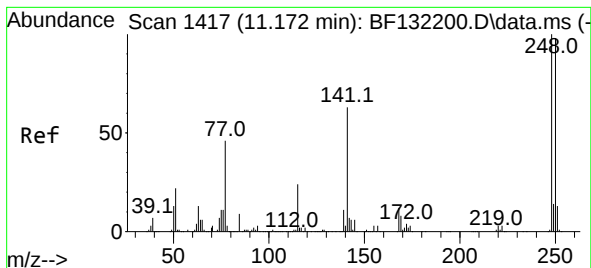
Tgt Ion:198 Resp: 30726
Ion Ratio Lower Upper
198 100
51 32.3 14.9 54.9
105 44.4 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 45.371 ng
RT: 10.789 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:169 Resp: 704500
Ion Ratio Lower Upper
169 100
168 66.8 53.1 79.7
167 36.9 29.7 44.5

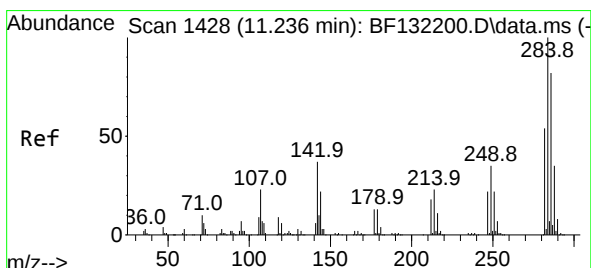
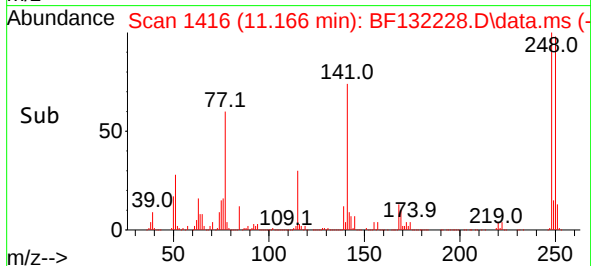
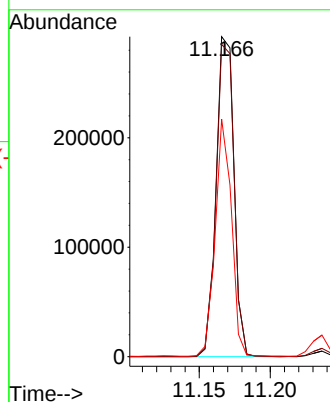
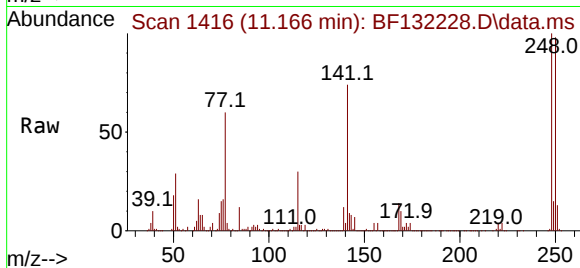




#67
4-Bromophenyl-phenylether
Concen: 45.071 ng
RT: 11.166 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

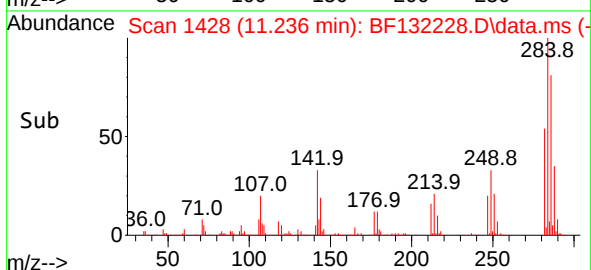
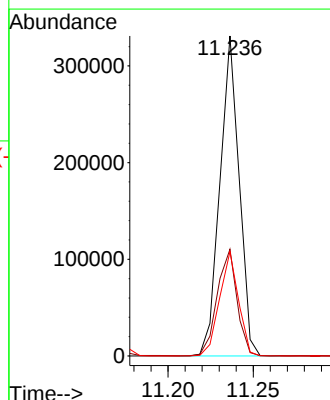
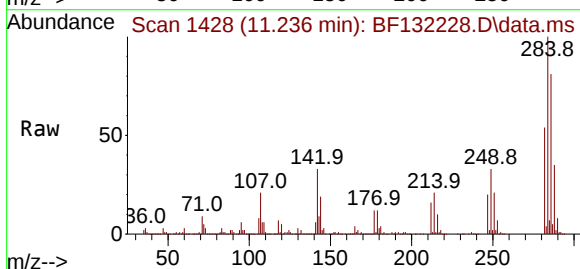
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

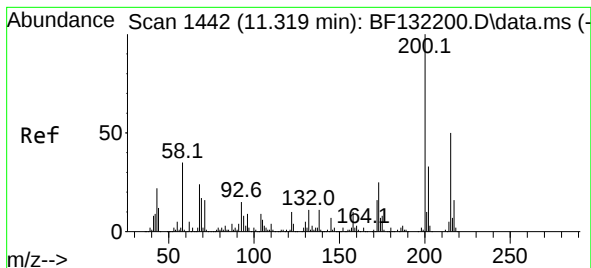
Tgt Ion:248 Resp: 256565
Ion Ratio Lower Upper
248 100
250 97.6 78.5 117.7
141 74.3 50.2 75.4



#68
Hexachlorobenzene
Concen: 46.080 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:284 Resp: 259917
Ion Ratio Lower Upper
284 100
142 33.3 29.4 44.2
249 32.6 27.8 41.8





#69

Atrazine

Concen: 52.287 ng

RT: 11.313 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

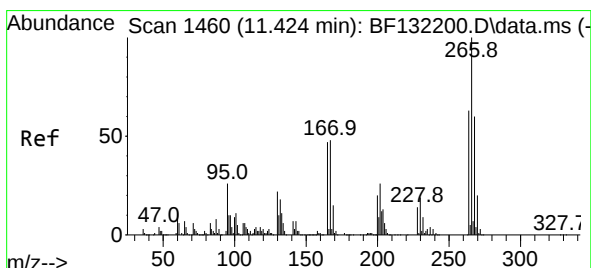
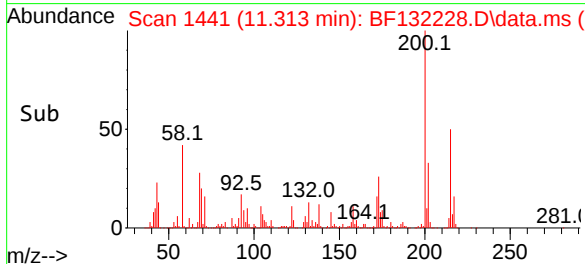
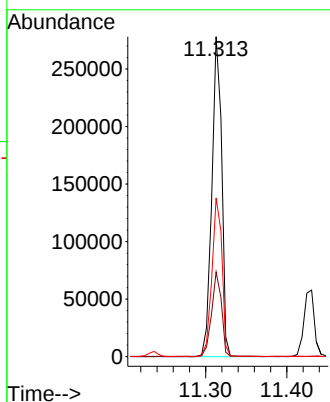
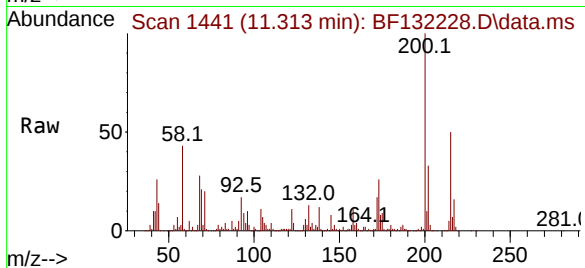
Tgt Ion:200 Resp: 233027

Ion Ratio Lower Upper

200 100

173 26.5 5.2 45.2

215 49.6 29.8 69.8



#70

Pentachlorophenol

Concen: 77.372 ng

RT: 11.430 min Scan# 1461

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

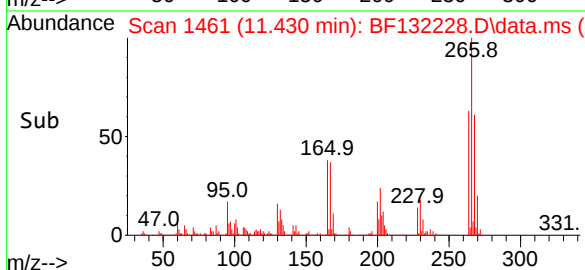
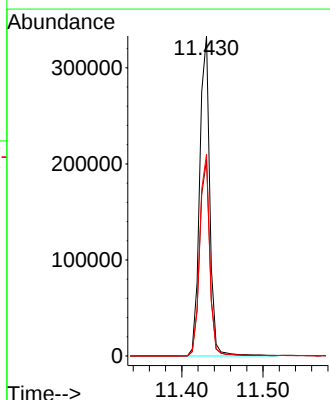
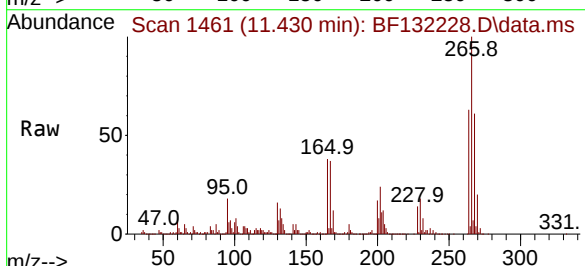
Tgt Ion:266 Resp: 288049

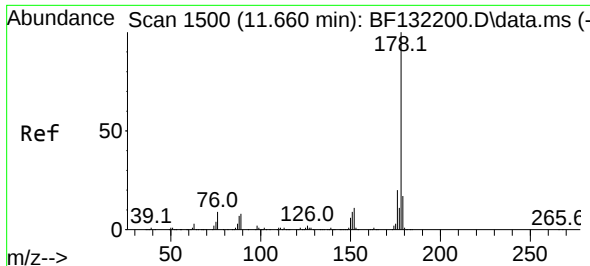
Ion Ratio Lower Upper

266 100

268 61.3 48.2 72.4

264 63.1 50.7 76.1

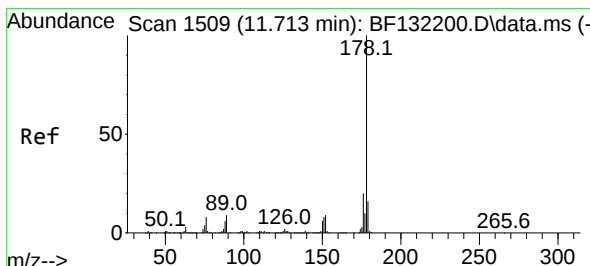
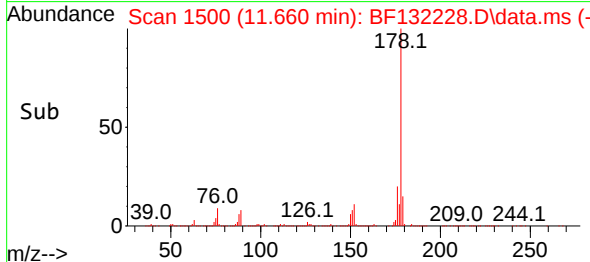
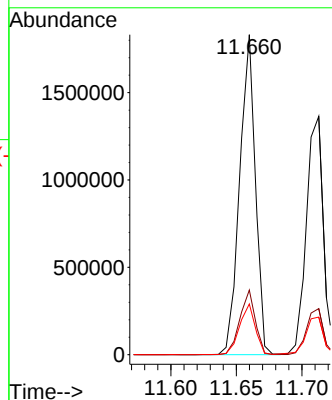
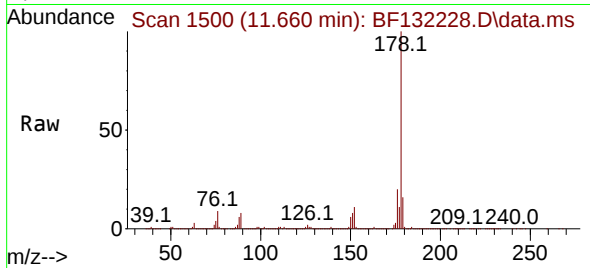




#71
Phenanthrene
Concen: 61.055 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

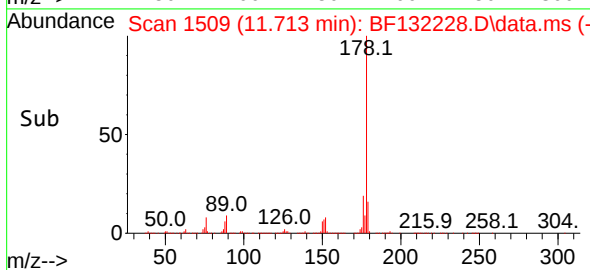
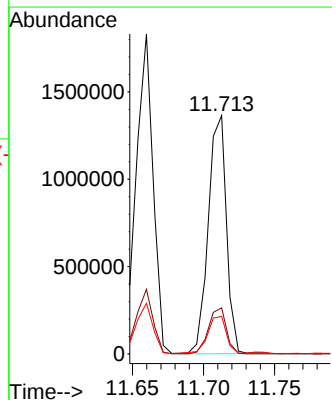
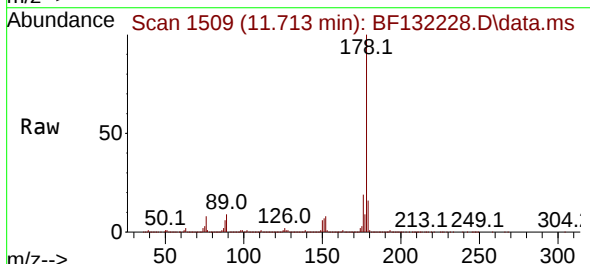
Instrument :
BNA_F
ClientSampleId :
DR-1-012523MS

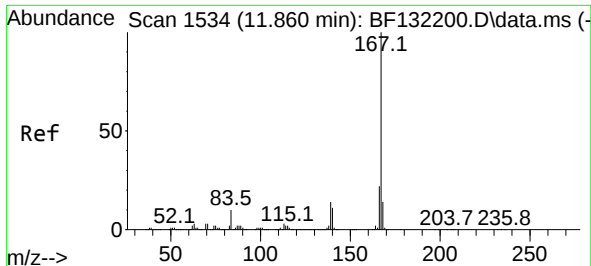
Tgt Ion:178 Resp: 1535837
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 15.8 13.3 19.9



#72
Anthracene
Concen: 47.582 ng
RT: 11.713 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF132228.D
Acq: 31 Jan 2023 00:36

Tgt Ion:178 Resp: 1218825
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 13.0 19.6

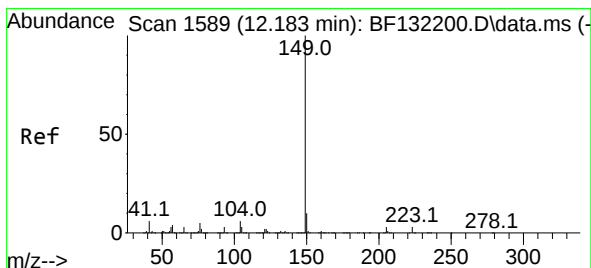
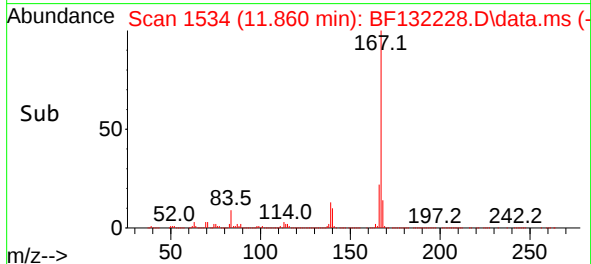
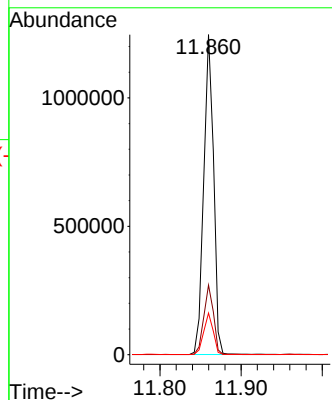
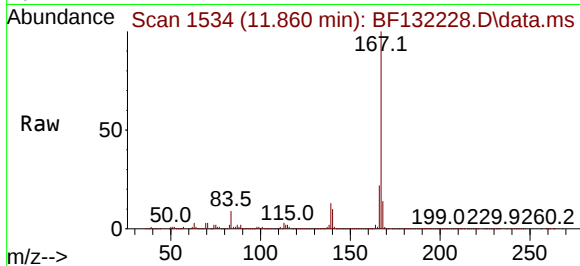




#73
 Carbazole
 Concen: 47.723 ng
 RT: 11.860 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF132228.D
 Acq: 31 Jan 2023 00:36

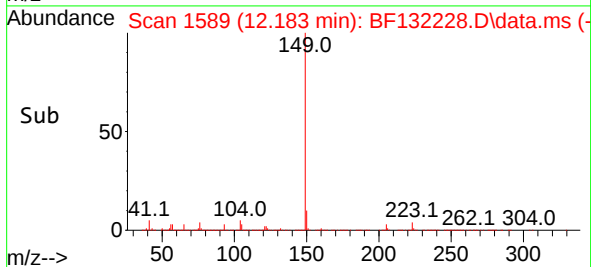
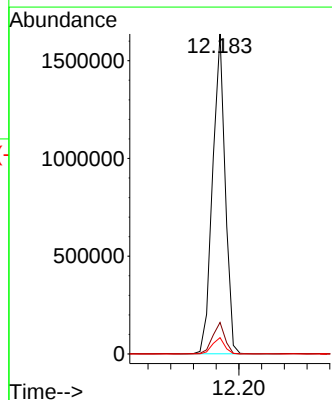
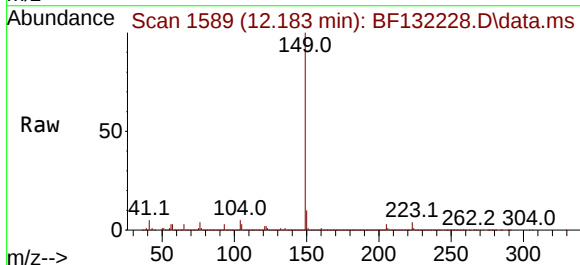
Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MS

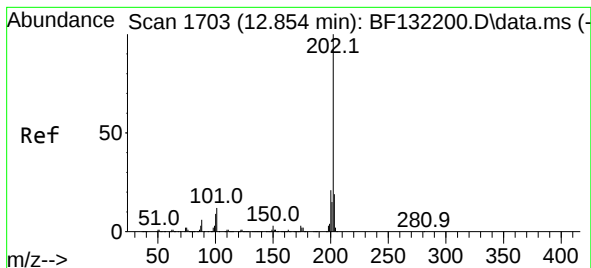
Tgt Ion:167 Resp: 1050146
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 50.163 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132228.D
 Acq: 31 Jan 2023 00:36

Tgt Ion:149 Resp: 1255788
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.0 12.0
 104 5.1 4.6 7.0





#75

Fluoranthene

Concen: 74.599 ng

RT: 12.860 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

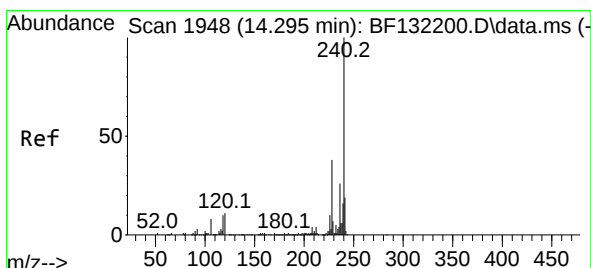
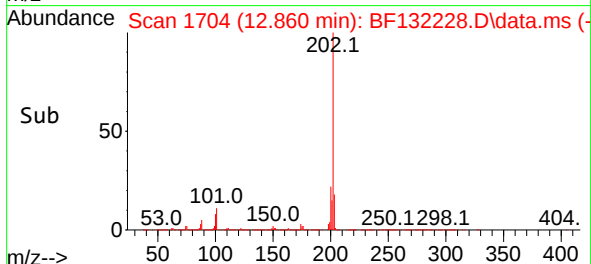
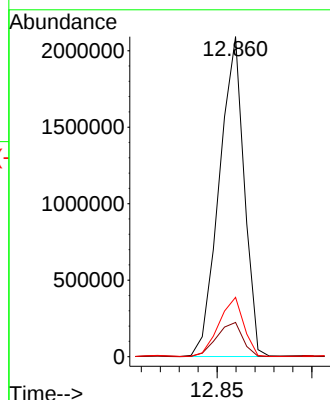
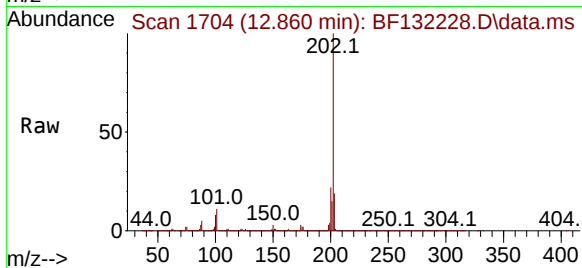
Tgt Ion:202 Resp: 1909334

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.5

203 18.5 0.0 38.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.295 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

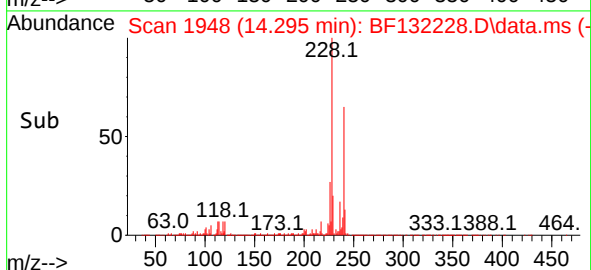
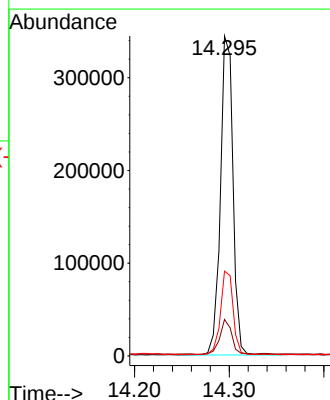
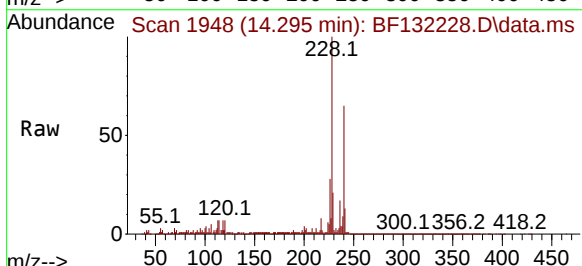
Tgt Ion:240 Resp: 316605

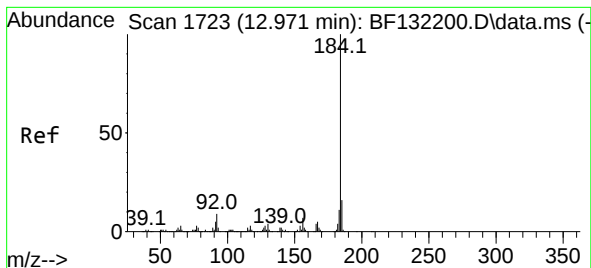
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 26.5 20.8 31.2





#77

Benzidine

Concen: 44.647 ng

RT: 12.972 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

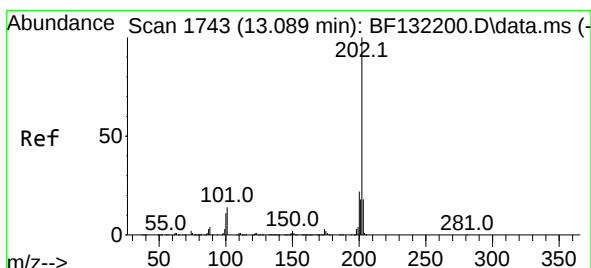
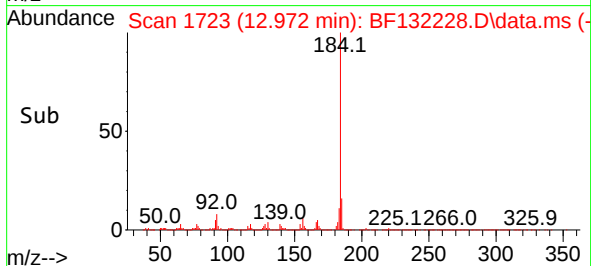
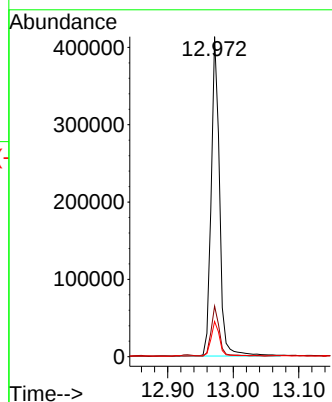
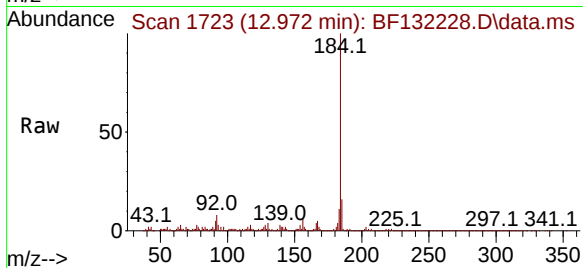
Tgt Ion:184 Resp: 368959

Ion Ratio Lower Upper

184 100

185 15.8 13.2 19.8

183 11.0 8.8 13.2



#78

Pyrene

Concen: 63.907 ng

RT: 13.095 min Scan# 1744

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

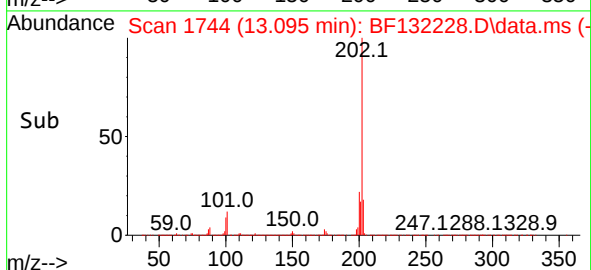
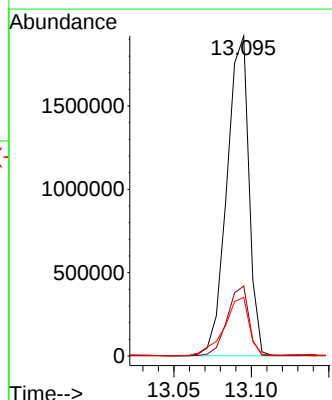
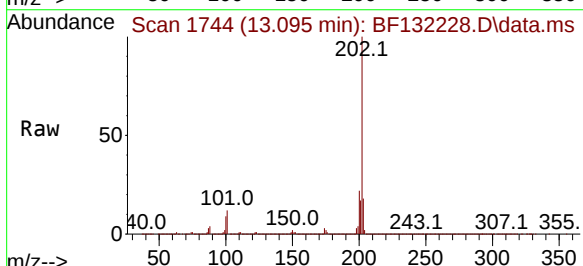
Tgt Ion:202 Resp: 1895774

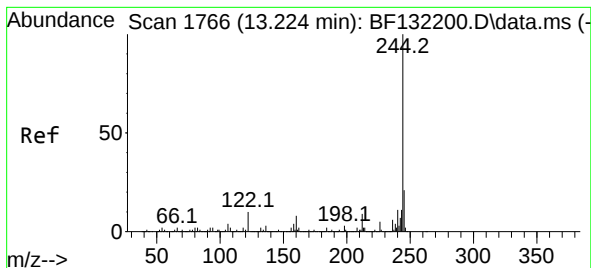
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

203 18.3 14.7 22.1





#79

Terphenyl-d14

Concen: 60.989 ng

RT: 13.224 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

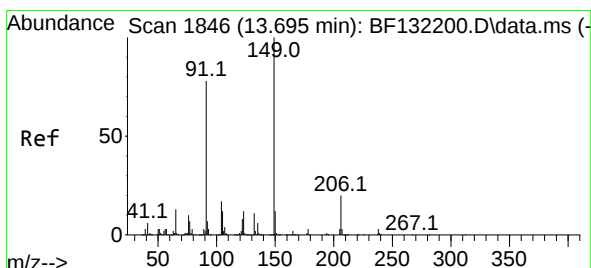
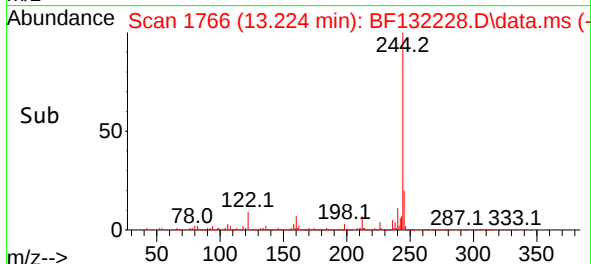
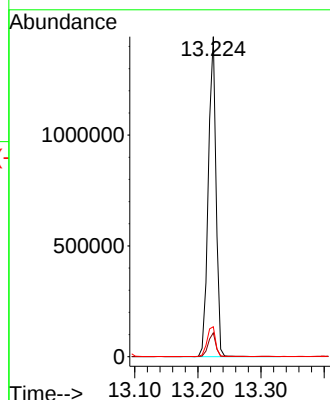
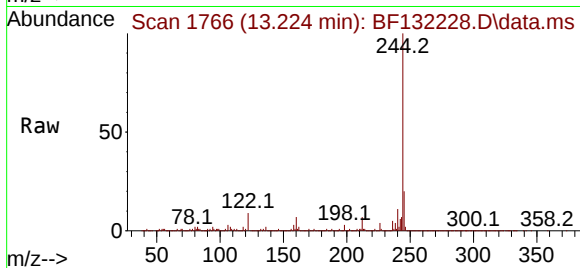
Tgt Ion:244 Resp: 1229033

Ion Ratio Lower Upper

244 100

212 7.5 6.8 10.2

122 9.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 51.736 ng

RT: 13.695 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

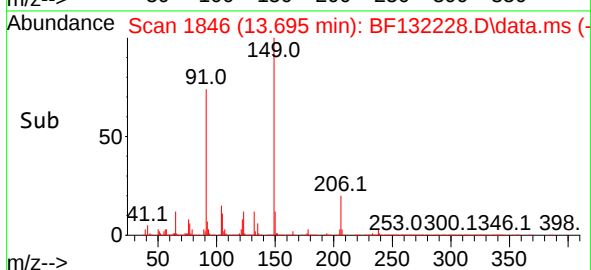
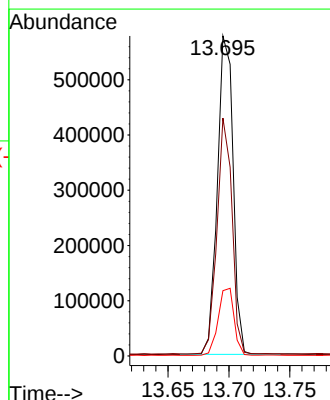
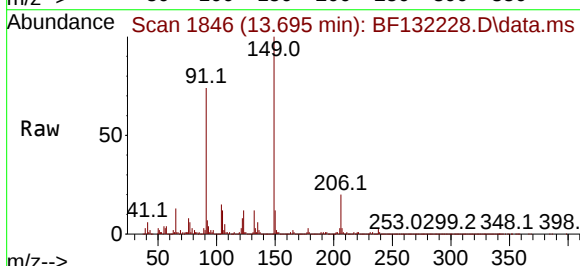
Tgt Ion:149 Resp: 517665

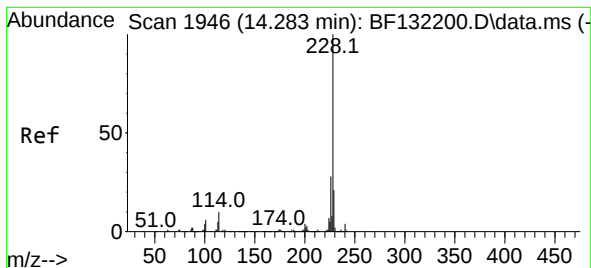
Ion Ratio Lower Upper

149 100

91 74.4 62.1 93.1

206 20.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 57.542 ng

RT: 14.289 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

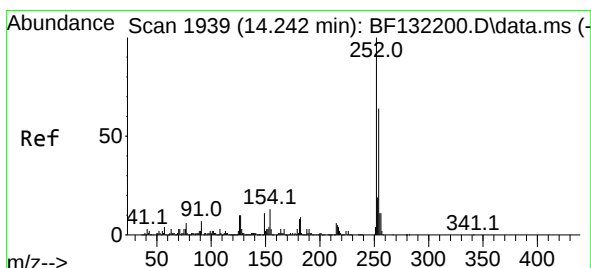
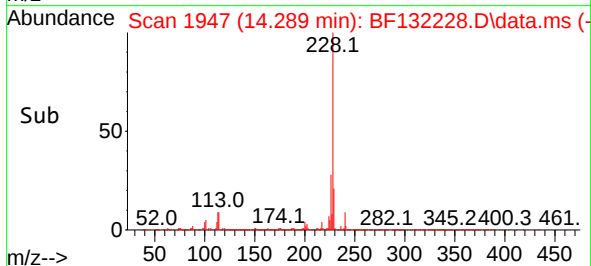
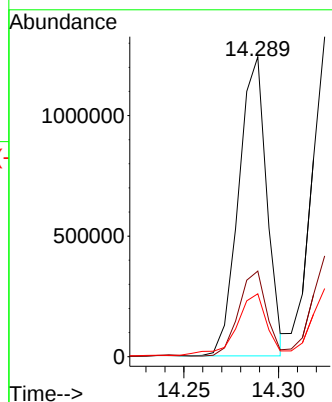
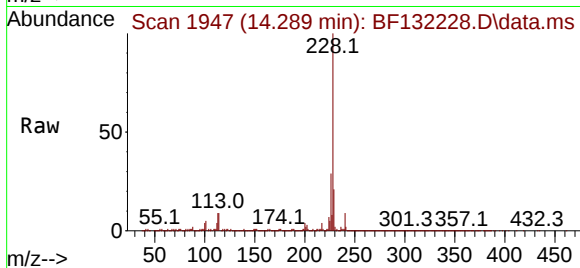
Tgt Ion:228 Resp: 1280922

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

229 21.0 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 47.166 ng

RT: 14.242 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

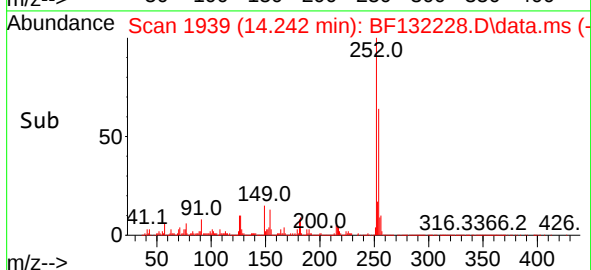
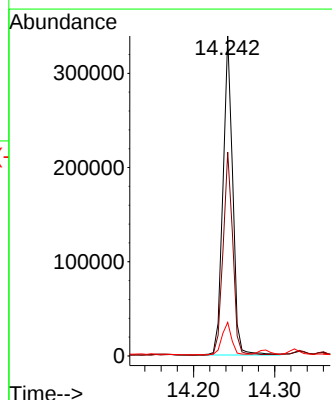
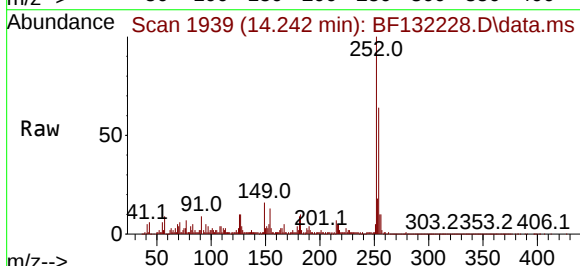
Tgt Ion:252 Resp: 284528

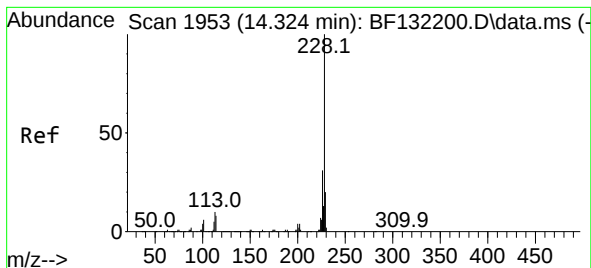
Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

126 10.5 8.0 12.0





#83

Chrysene

Concen: 56.982 ng

RT: 14.324 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

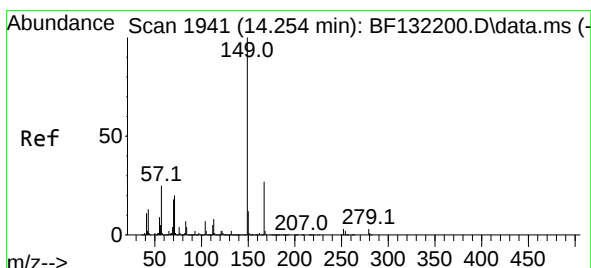
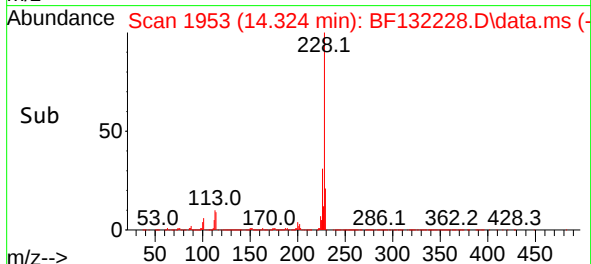
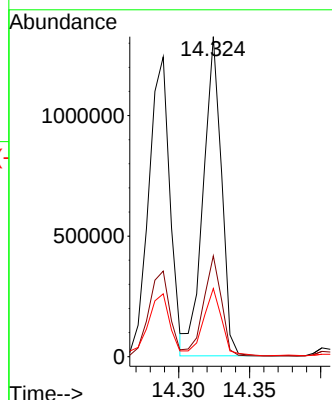
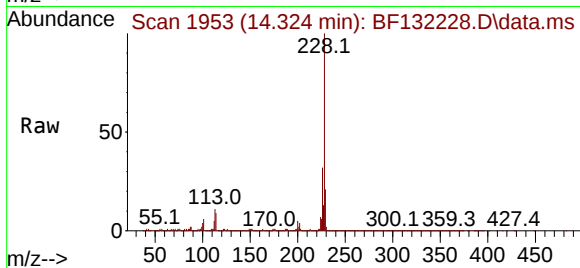
Tgt Ion:228 Resp: 1182096

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

229 21.3 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.517 ng

RT: 14.254 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

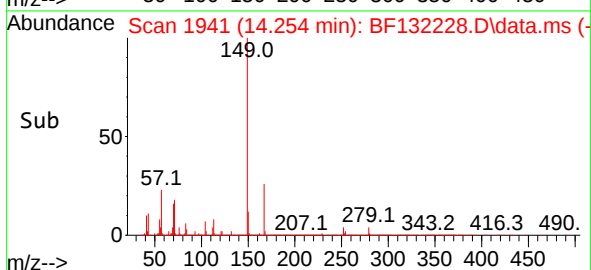
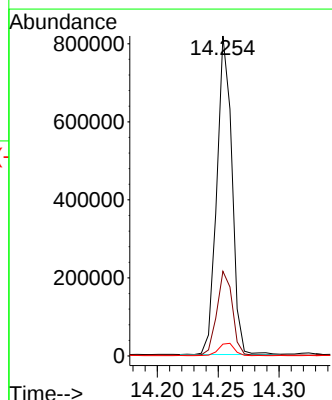
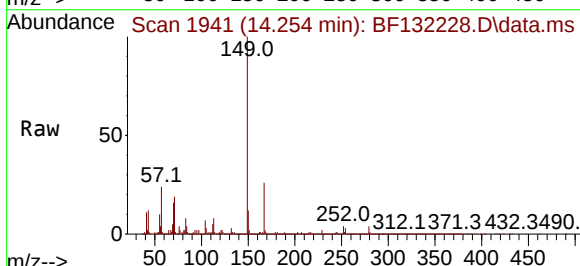
Tgt Ion:149 Resp: 705431

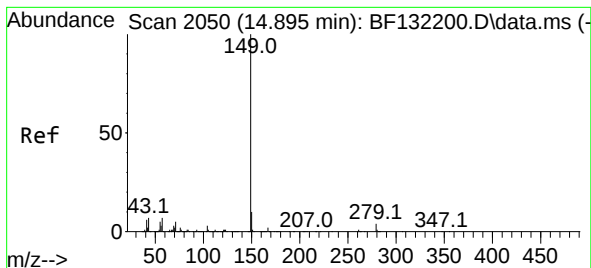
Ion Ratio Lower Upper

149 100

167 26.4 21.7 32.5

279 3.7 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 55.229 ng

RT: 14.895 min Scan# 2050

Delta R.T. -0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

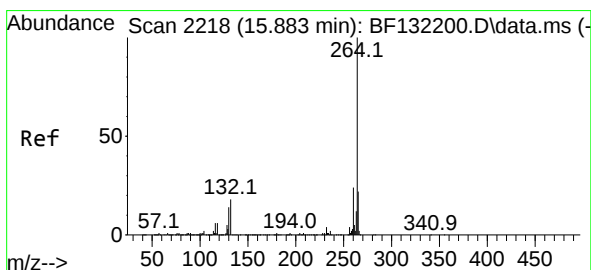
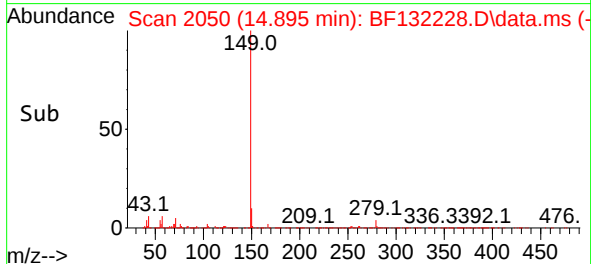
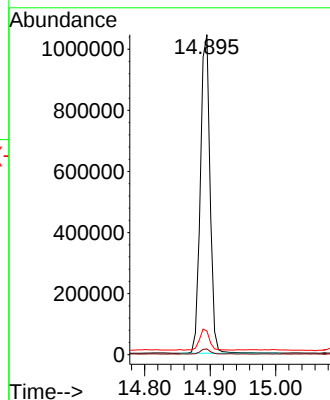
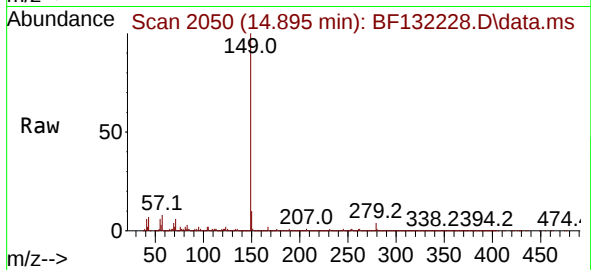
Tgt Ion:149 Resp: 1072770

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 6.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.889 min Scan# 2219

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

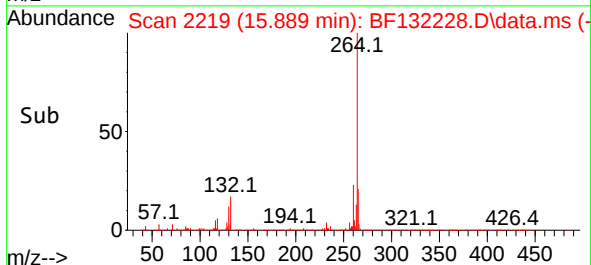
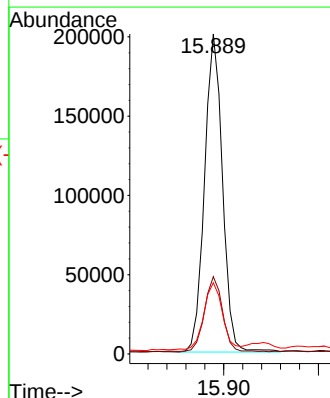
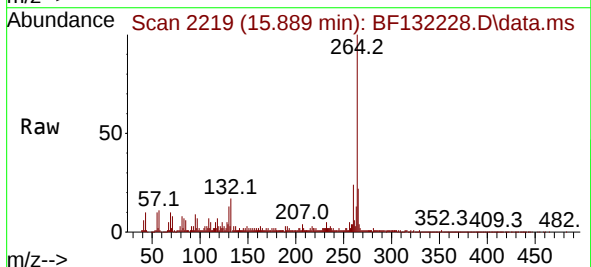
Tgt Ion:264 Resp: 264159

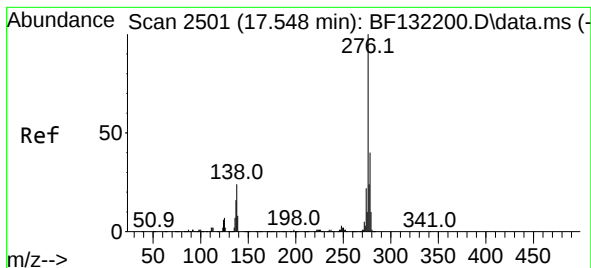
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.898 ng

RT: 17.554 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

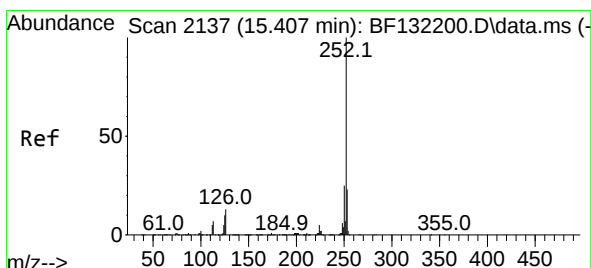
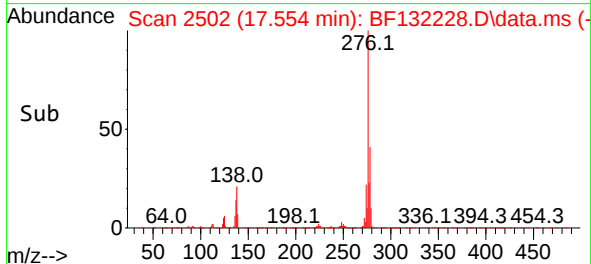
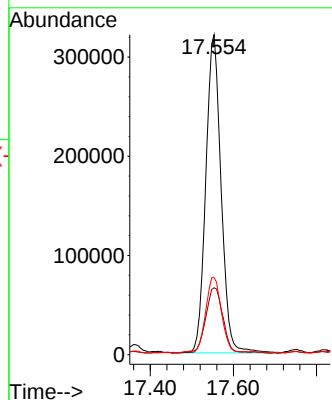
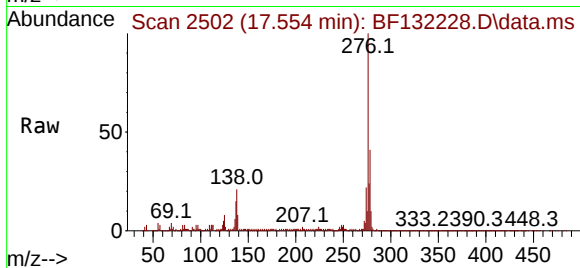
Tgt Ion:276 Resp: 819081

Ion Ratio Lower Upper

276 100

138 22.7 21.0 31.6

277 24.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 64.743 ng

RT: 15.413 min Scan# 2138

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

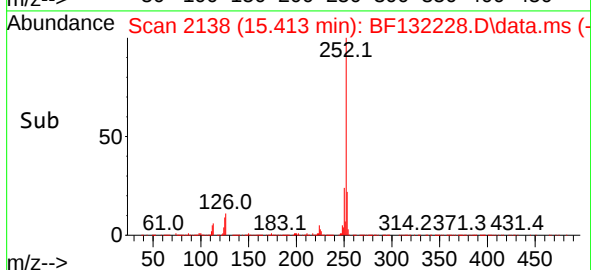
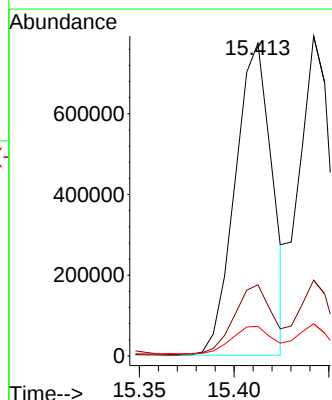
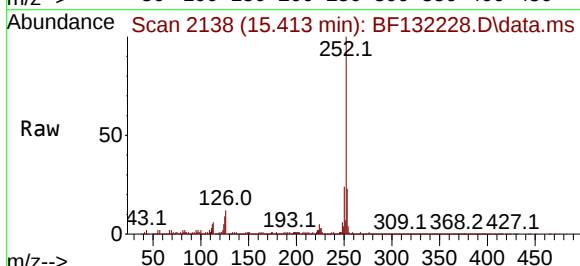
Tgt Ion:252 Resp: 1050385

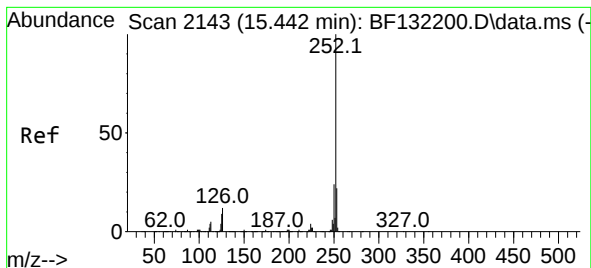
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 9.4 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 54.287 ng

RT: 15.442 min Scan# 2143

Delta R.T. 0.000 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

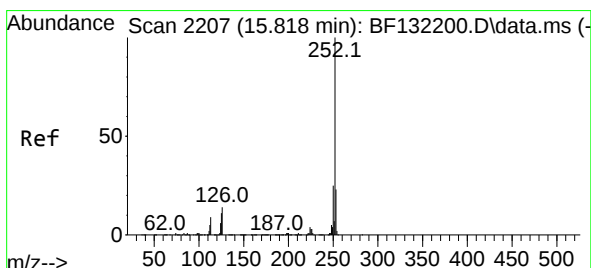
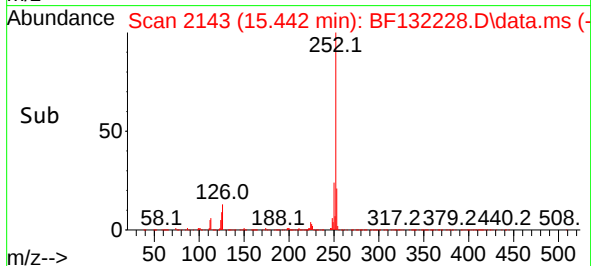
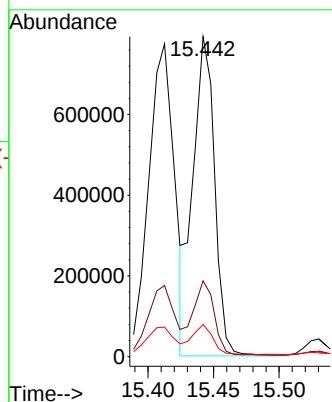
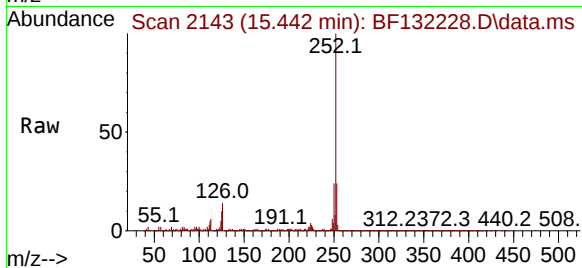
Tgt Ion:252 Resp: 908793

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 10.1 7.7 11.5



#90

Benzo(a)pyrene

Concen: 56.714 ng

RT: 15.824 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

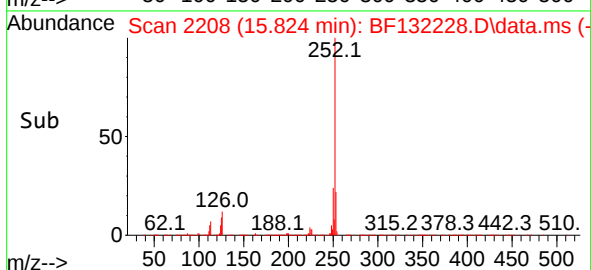
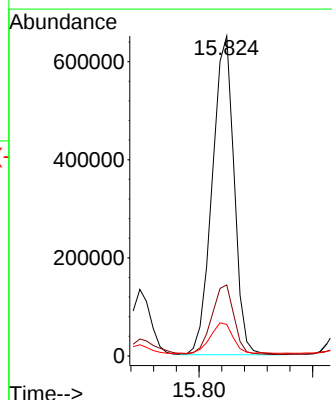
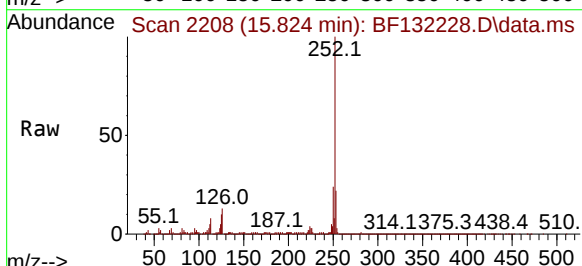
Tgt Ion:252 Resp: 868374

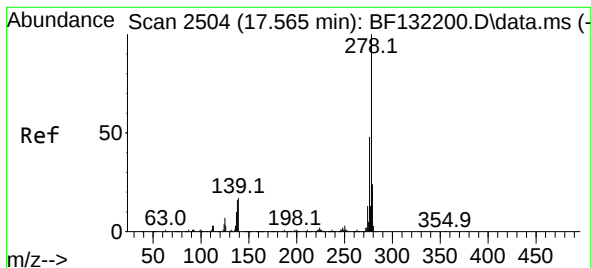
Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

125 9.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 42.056 ng

RT: 17.571 min Scan# 2505

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Instrument :

BNA_F

ClientSampleId :

DR-1-012523MS

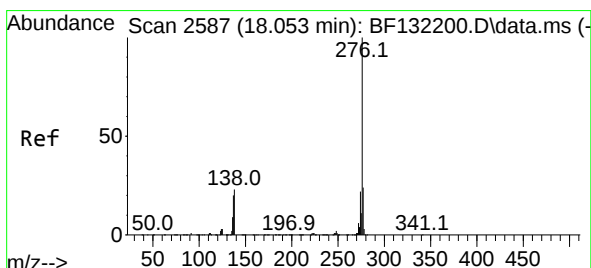
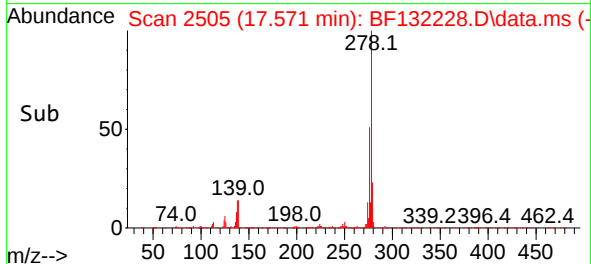
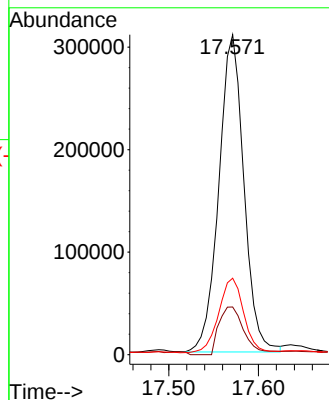
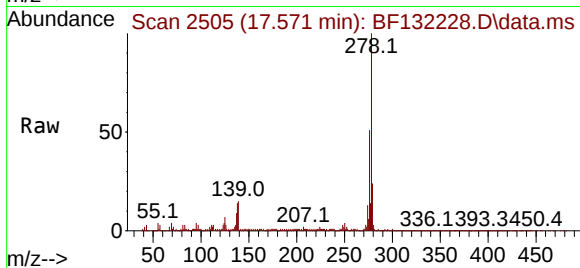
Tgt Ion:278 Resp: 600540

Ion Ratio Lower Upper

278 100

139 14.9 13.2 19.8

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.467 ng

RT: 18.059 min Scan# 2588

Delta R.T. 0.006 min

Lab File: BF132228.D

Acq: 31 Jan 2023 00:36

Tgt Ion:276 Resp: 661958

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 21.2 18.3 27.5

