

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132710.D
 Acq On : 09 Mar 2023 10:43
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 12:23:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	266483	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	915334	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	490768	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	902815	20.000	ng	0.00
76) Chrysene-d12	14.186	240	503369	20.000	ng	0.00
86) Perylene-d12	15.727	264	438241	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1214413	73.962	ng	0.00
7) Phenol-d6	6.622	99	1597968	74.571	ng	0.00
23) Nitrobenzene-d5	7.557	82	1479477	76.686	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	437128	82.476	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2391809	74.209	ng	0.00
79) Terphenyl-d14	13.115	244	2595843	87.191	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.840	88	320516	35.289	ng 97
3) Pyridine	3.622	79	923079	38.288	ng 96
4) n-Nitrosodimethylamine	3.587	42	337495	37.061	ng 93
6) Aniline	6.651	93	1107107	38.390	ng 98
8) 2-Chlorophenol	6.775	128	645625	37.886	ng 97
9) Benzaldehyde	6.539	77	411343	35.574	ng 99
10) Phenol	6.639	94	903304	36.768	ng 92
11) bis(2-Chloroethyl)ether	6.722	93	737617	38.892	ng 95
12) 1,3-Dichlorobenzene	6.928	146	715734	39.138	ng 97
13) 1,4-Dichlorobenzene	6.998	146	711877	38.985	ng 99
14) 1,2-Dichlorobenzene	7.157	146	643448	36.717	ng 98
15) Benzyl Alcohol	7.128	79	644861	39.075	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.257	45	899142	37.177	ng 97
17) 2-Methylphenol	7.239	107	607772	38.214	ng 99
18) Hexachloroethane	7.492	117	286297	40.132	ng 96
19) n-Nitroso-di-n-propyla...	7.398	70	458404	34.759	ng 96
20) 3+4-Methylphenols	7.392	107	656454	31.948	ng 94
22) Acetophenone	7.398	105	854114	37.006	ng # 90
24) Nitrobenzene	7.575	77	800149	38.779	ng 100
25) Isophorone	7.810	82	1458548	39.432	ng 99
26) 2-Nitrophenol	7.886	139	369883	40.630	ng 97
27) 2,4-Dimethylphenol	7.922	122	572849	39.869	ng 99
28) bis(2-Chloroethoxy)met...	8.010	93	878314	40.591	ng 100
29) 2,4-Dichlorophenol	8.133	162	572704	40.069	ng 98
30) 1,2,4-Trichlorobenzene	8.210	180	636578	41.016	ng 98
31) Naphthalene	8.292	128	1845415	39.382	ng 100
32) Benzoic acid	8.051	122	337757	31.282	ng 94
33) 4-Chloroaniline	8.339	127	823448	41.008	ng 98
34) Hexachlorobutadiene	8.404	225	434565	44.063	ng 98
35) Caprolactam	8.733	113	180490	38.304	ng 95
36) 4-Chloro-3-methylphenol	8.822	107	629619	40.112	ng 100
37) 2-Methylnaphthalene	8.986	142	1248367	39.092	ng 99
38) 1-Methylnaphthalene	9.086	142	1168644	39.159	ng 99
40) 1,2,4,5-Tetrachloroben...	9.151	216	675644	42.078	ng 99
41) Hexachlorocyclopentadiene	9.133	237	371336	42.638	ng 100
43) 2,4,6-Trichlorophenol	9.263	196	445881	40.976	ng 99

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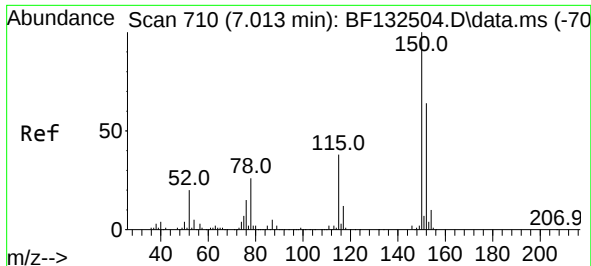
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	514563	40.516	ng	98
46) 1,1'-Biphenyl	9.451	154	1453795	39.138	ng	98
47) 2-Chloronaphthalene	9.480	162	1155173	39.224	ng	98
48) 2-Nitroaniline	9.575	65	399326	36.815	ng	94
49) Acenaphthylene	9.898	152	1821715	38.866	ng	99
50) Dimethylphthalate	9.751	163	1463970	40.968	ng	99
51) 2,6-Dinitrotoluene	9.816	165	329319	40.467	ng	96
52) Acenaphthene	10.069	154	1068644	35.906	ng	100
53) 3-Nitroaniline	9.992	138	354327	38.922	ng	97
54) 2,4-Dinitrophenol	10.098	184	175331	35.245	ng	# 88
55) Dibenzofuran	10.239	168	1672311	38.542	ng	96
56) 4-Nitrophenol	10.151	139	229361	33.784	ng	100
57) 2,4-Dinitrotoluene	10.222	165	429821	39.700	ng	99
58) Fluorene	10.586	166	1279299	38.546	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	382633	40.558	ng	99
60) Diethylphthalate	10.445	149	1413864	40.512	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	707106	41.070	ng	99
62) 4-Nitroaniline	10.610	138	340421	38.095	ng	100
63) Azobenzene	10.733	77	1426213	38.587	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	257408	42.118	ng	94
66) n-Nitrosodiphenylamine	10.692	169	1149059	40.825	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	441097	43.193	ng	95
68) Hexachlorobenzene	11.133	284	464633	43.239	ng	95
69) Atrazine	11.221	200	376907	42.894	ng	97
70) Pentachlorophenol	11.333	266	256035	40.047	ng	97
71) Phenanthrene	11.557	178	1822824	38.974	ng	99
72) Anthracene	11.604	178	1880609	39.047	ng	99
73) Carbazole	11.763	167	1644686	37.875	ng	100
74) Di-n-butylphthalate	12.074	149	2113730	41.497	ng	99
75) Fluoranthene	12.751	202	1940755	37.958	ng	98
77) Benzidine	12.868	184	562983	45.945	ng	99
78) Pyrene	12.980	202	1970935	43.066	ng	100
80) Butylbenzylphthalate	13.586	149	821201	45.471	ng	98
81) Benzo(a)anthracene	14.174	228	1524313	40.472	ng	98
82) 3,3'-Dichlorobenzidine	14.133	252	422923	38.088	ng	99
83) Chrysene	14.215	228	1405390	39.903	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	1021019	46.022	ng	99
85) Di-n-octyl phthalate	14.768	149	1525462	47.053	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1291671	44.982	ng	98
88) Benzo(b)fluoranthene	15.268	252	1213356	41.315	ng	99
89) Benzo(k)fluoranthene	15.304	252	1115197	38.799	ng	99
90) Benzo(a)pyrene	15.662	252	1117960	40.673	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	1051346	44.936	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1085499	41.288	ng	98

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

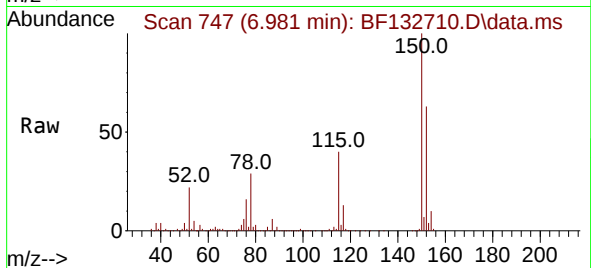
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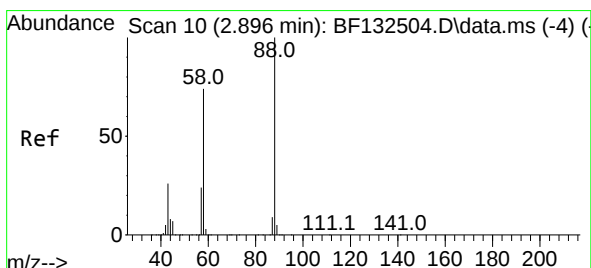
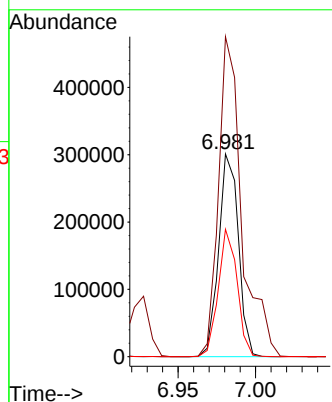
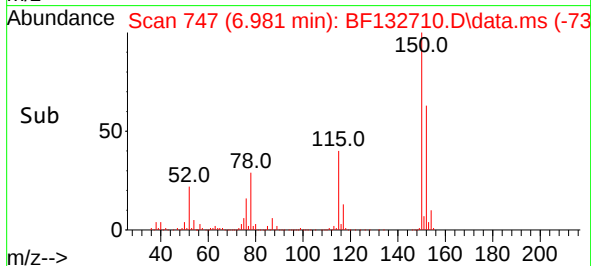


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132710.D
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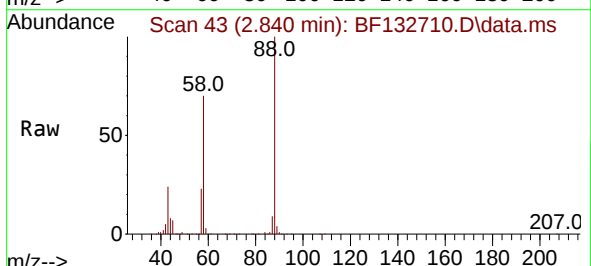
Instrument :
 BNA_F
 ClientSampleId :



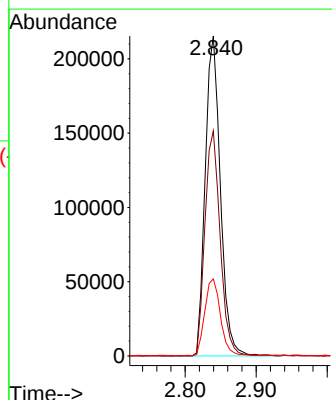
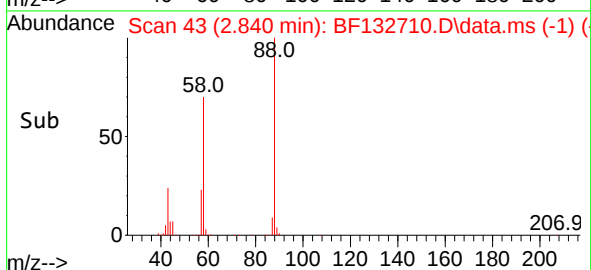
Tgt Ion:152 Resp: 266483
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.4 188.2
 115 62.8 47.8 71.6

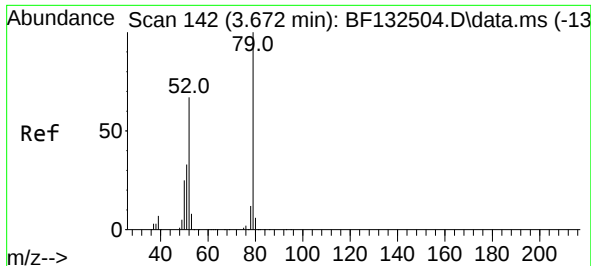


#2
 1,4-Dioxane
 Concen: 35.289 ng
 RT: 2.840 min Scan# 43
 Delta R.T. 0.000 min
 Lab File: BF132710.D
 Acq: 09 Mar 2023 10:43



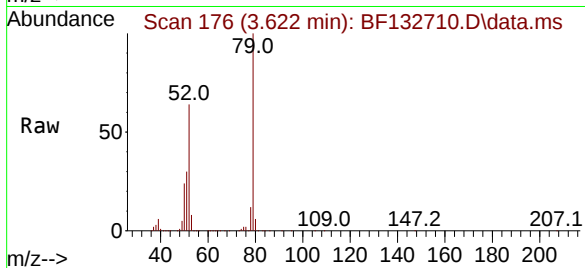
Tgt Ion: 88 Resp: 320516
 Ion Ratio Lower Upper
 88 100
 58 70.7 58.3 87.5
 43 24.8 20.7 31.1



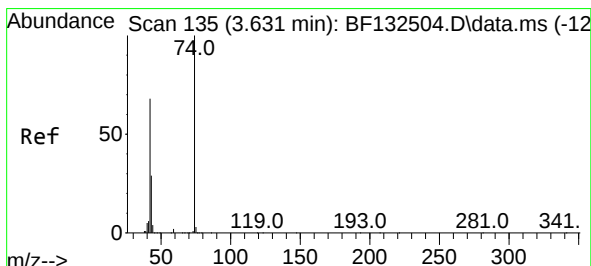
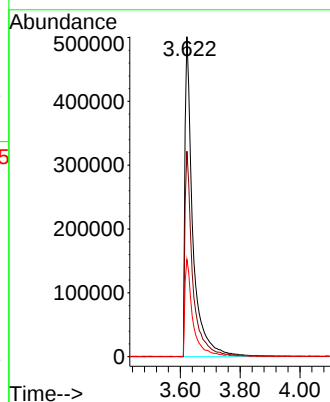
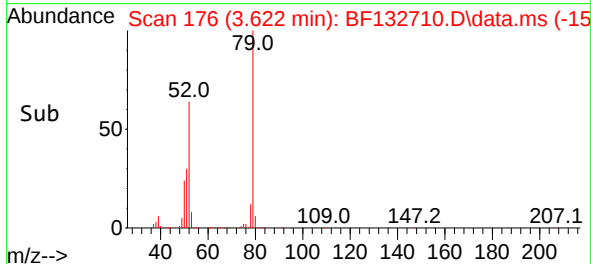


#3
Pyridine
Concen: 38.288 ng
RT: 3.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

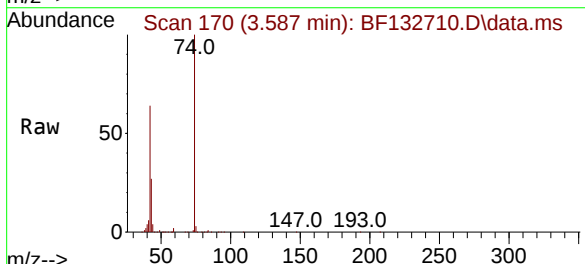
Instrument :
BNA_F
ClientSampleId :



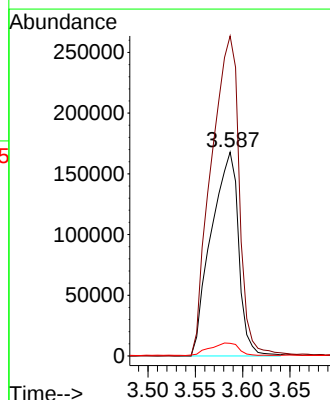
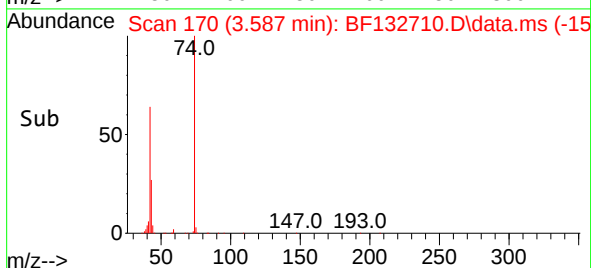
Tgt Ion: 79 Resp: 923079
Ion Ratio Lower Upper
79 100
52 64.2 53.7 80.5
51 30.4 26.6 40.0

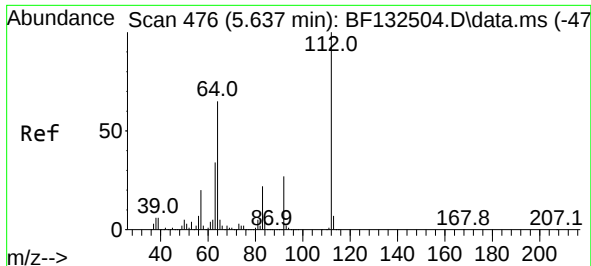


#4
n-Nitrosodimethylamine
Concen: 37.061 ng
RT: 3.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43



Tgt Ion: 42 Resp: 337495
Ion Ratio Lower Upper
42 100
74 156.9 118.2 177.2
44 6.2 5.3 7.9

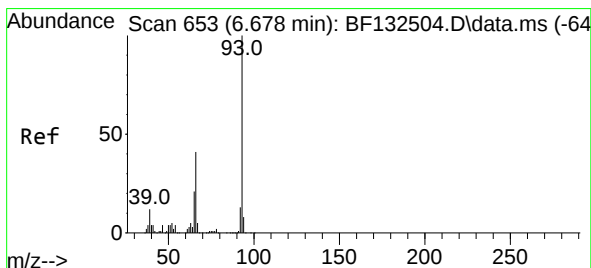
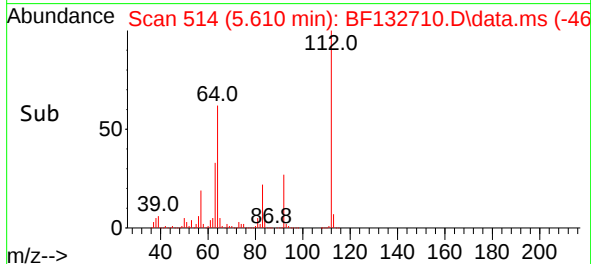
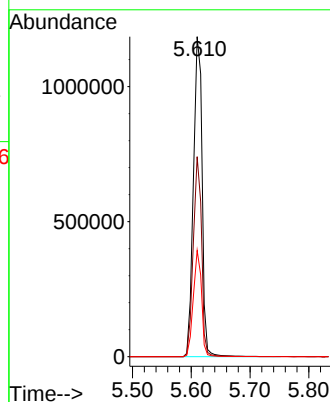
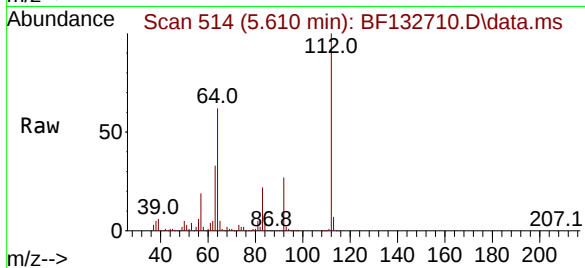




#5
2-Fluorophenol
Concen: 73.962 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

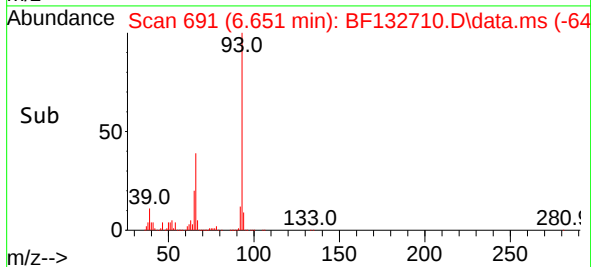
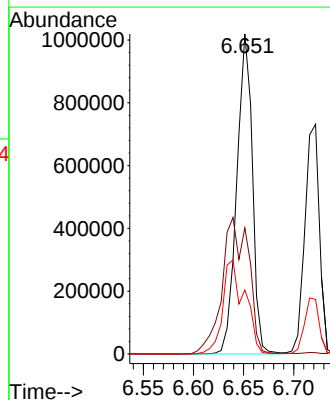
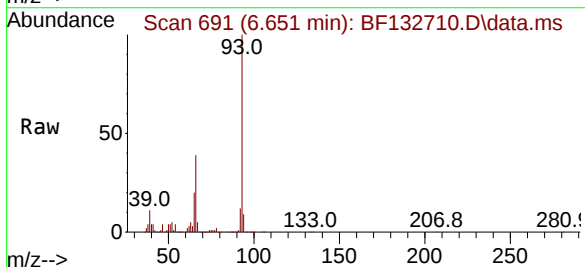
Instrument :
BNA_F
ClientSampleId :

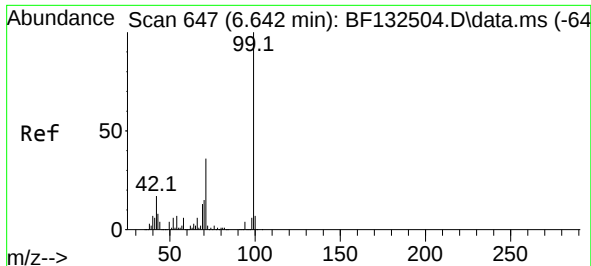
Tgt Ion:112 Resp: 1214413
Ion Ratio Lower Upper
112 100
64 62.5 51.6 77.4
63 33.2 27.4 41.2



#6
Aniline
Concen: 38.390 ng
RT: 6.651 min Scan# 691
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

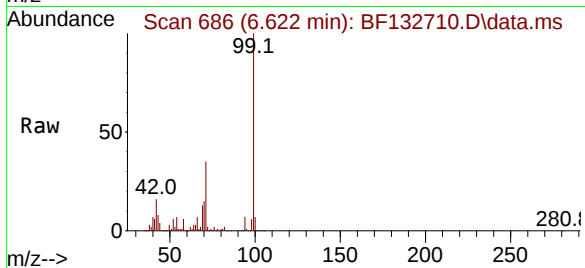
Tgt Ion: 93 Resp: 1107107
Ion Ratio Lower Upper
93 100
66 39.4 32.5 48.7
65 20.0 16.6 24.8





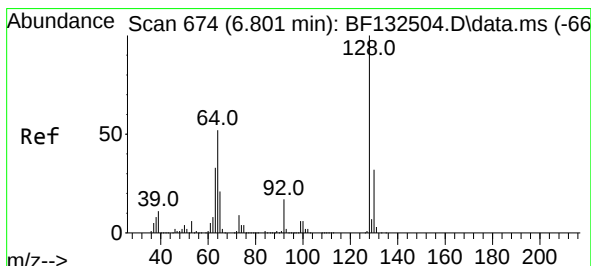
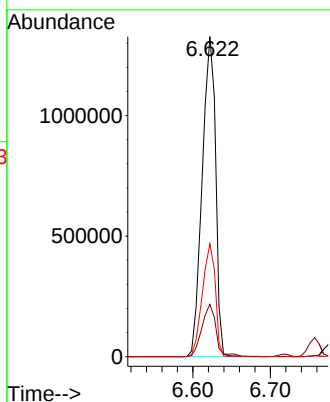
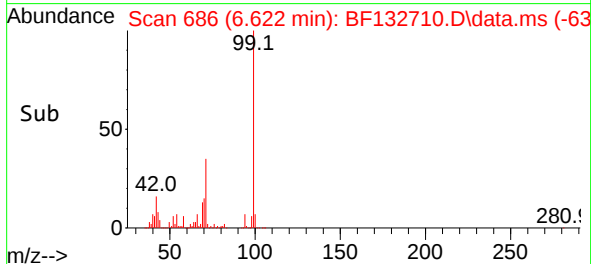
#7
Phenol-d6
Concen: 74.571 ng
RT: 6.622 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Instrument :
BNA_F
ClientSampleId :

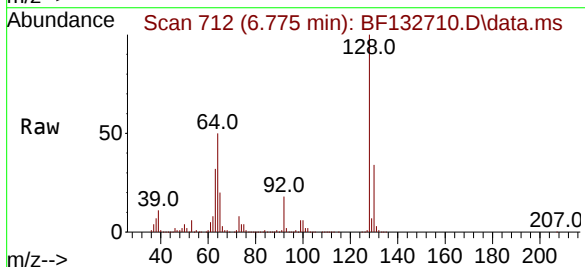


Tgt Ion: 99 Resp: 1597968

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.9	20.9
71	35.3	28.5	42.7

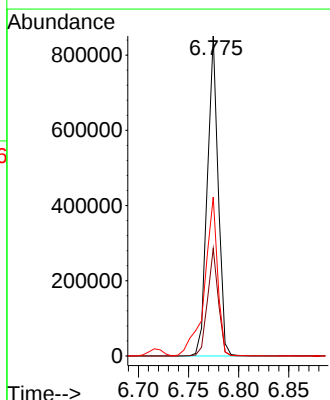
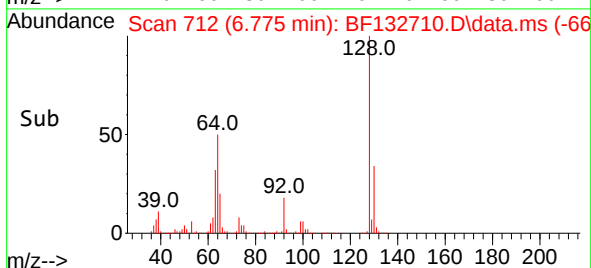


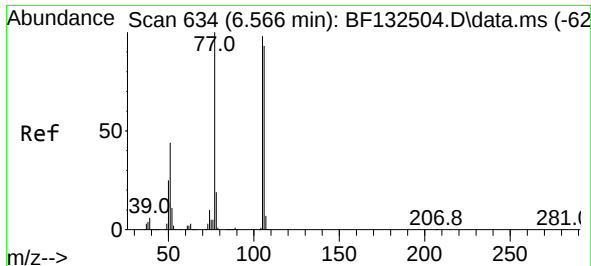
#8
2-Chlorophenol
Concen: 37.886 ng
RT: 6.775 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43



Tgt Ion: 128 Resp: 645625

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.1	52.1
64	49.6	32.0	72.0

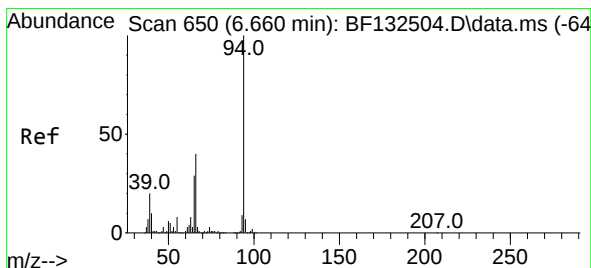
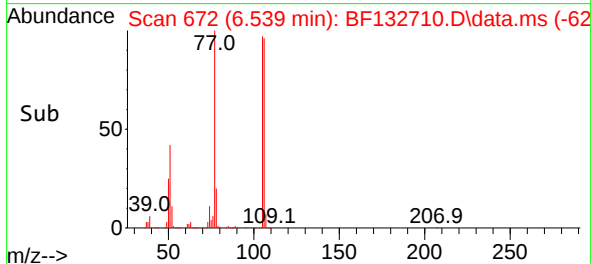
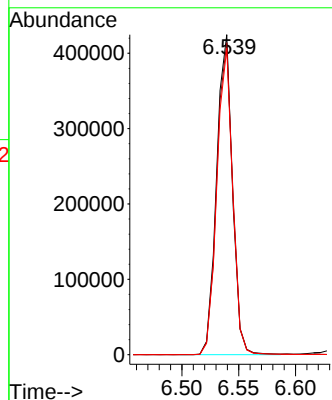
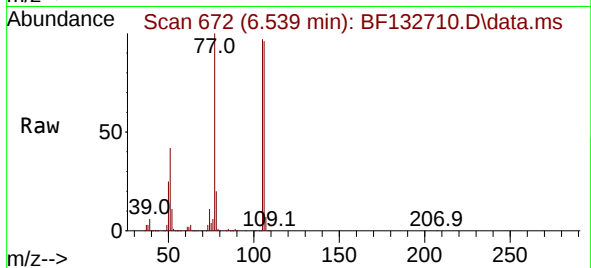




#9
Benzaldehyde
Concen: 35.574 ng
RT: 6.539 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

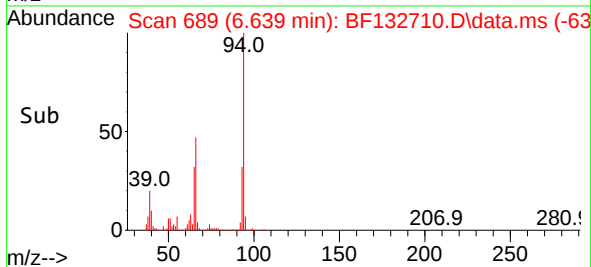
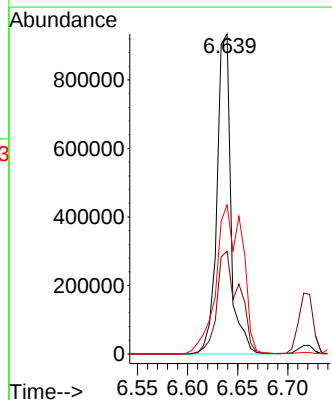
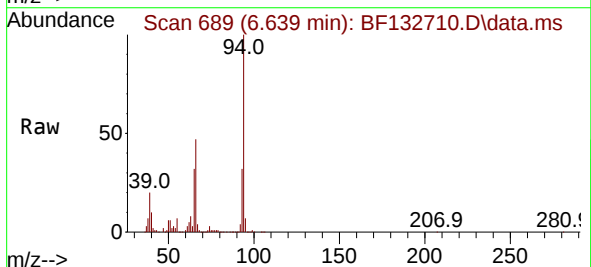
Instrument :
BNA_F
ClientSampleId :

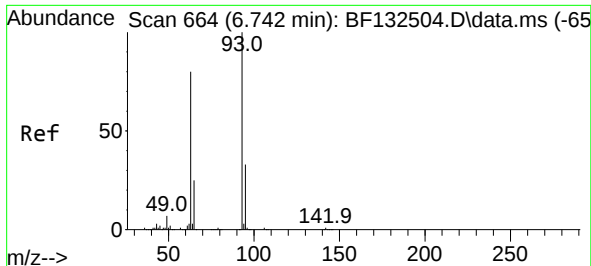
Tgt Ion: 77 Resp: 411343
Ion Ratio Lower Upper
77 100
105 97.5 77.9 117.9
106 95.7 73.4 113.4



#10
Phenol
Concen: 36.768 ng
RT: 6.639 min Scan# 689
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion: 94 Resp: 903304
Ion Ratio Lower Upper
94 100
65 32.1 9.4 49.4
66 46.6 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 38.892 ng

RT: 6.722 min Scan# 70

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

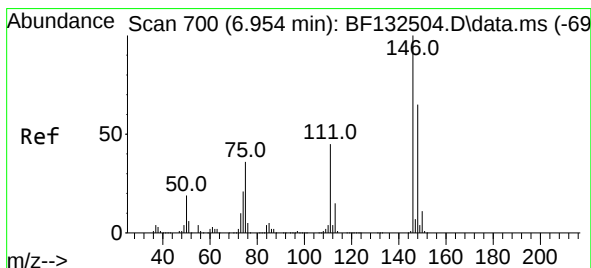
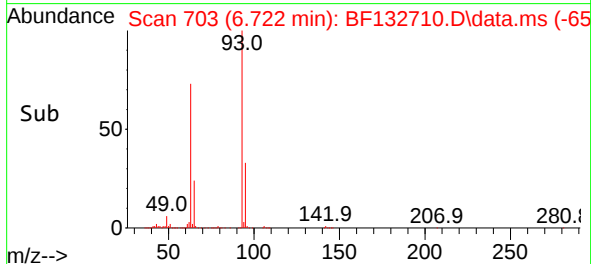
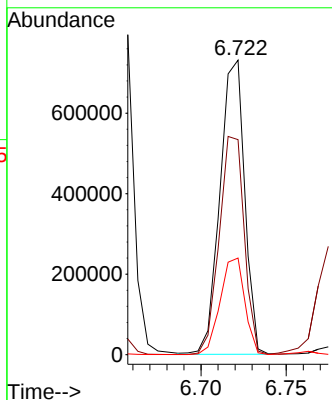
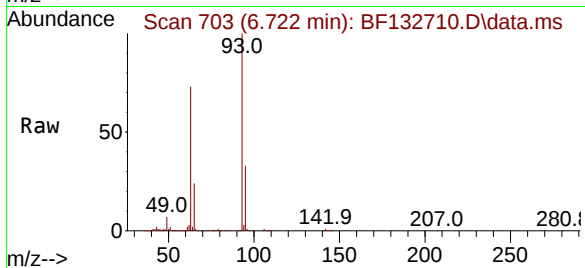
Tgt Ion: 93 Resp: 737617

Ion Ratio Lower Upper

93 100

63 73.0 59.6 99.6

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.138 ng

RT: 6.928 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

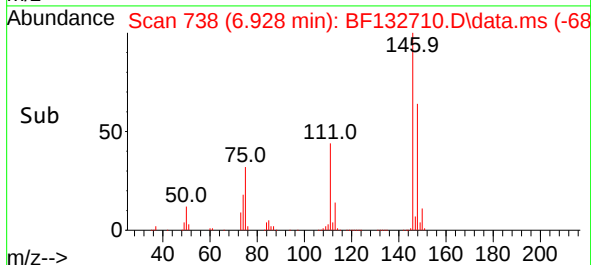
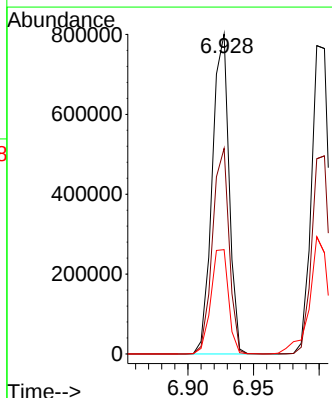
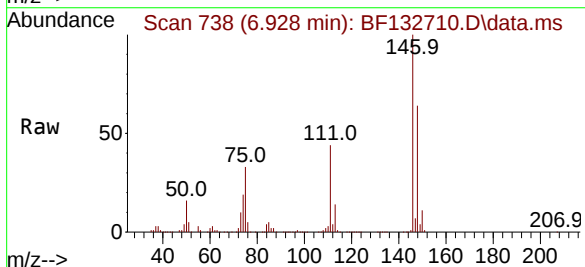
Tgt Ion:146 Resp: 715734

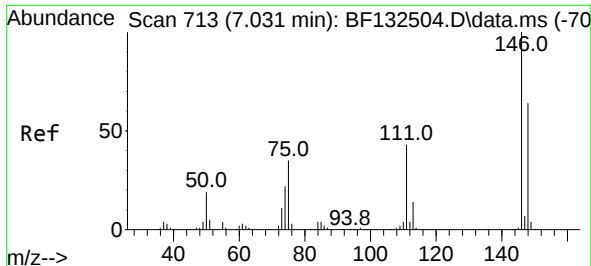
Ion Ratio Lower Upper

146 100

148 64.2 51.9 77.9

75 32.6 28.9 43.3

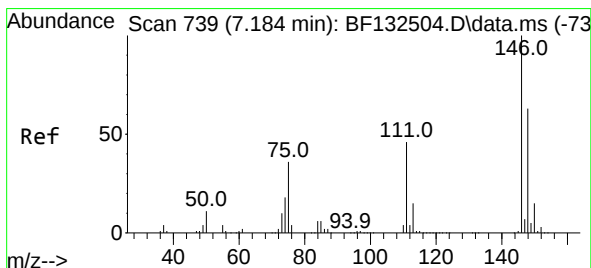
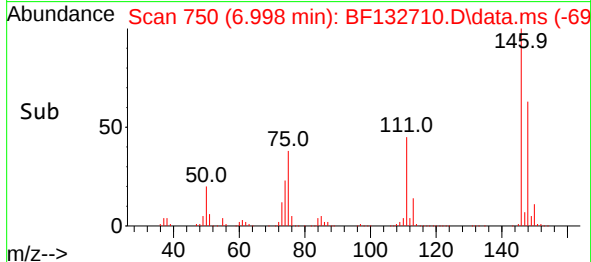
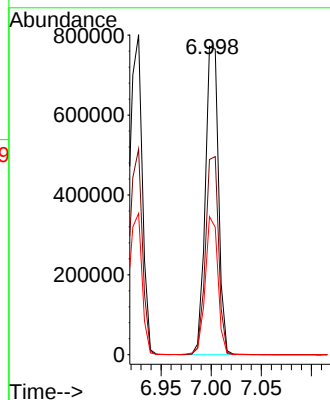
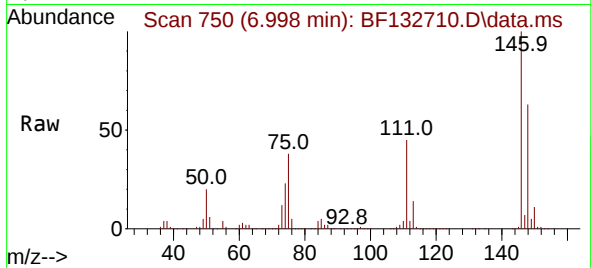




#13
1,4-Dichlorobenzene
Concen: 38.985 ng
RT: 6.998 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

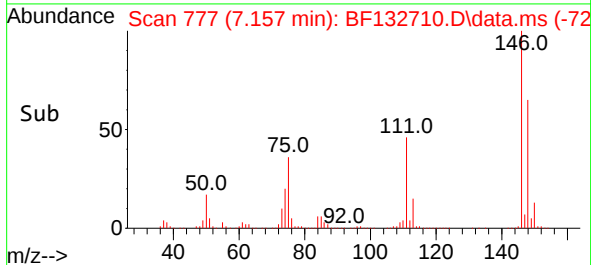
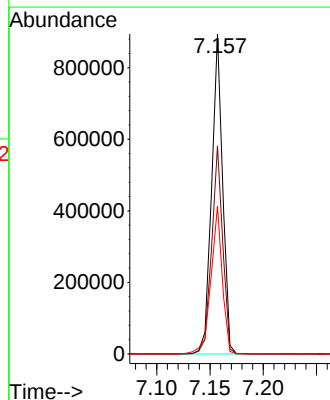
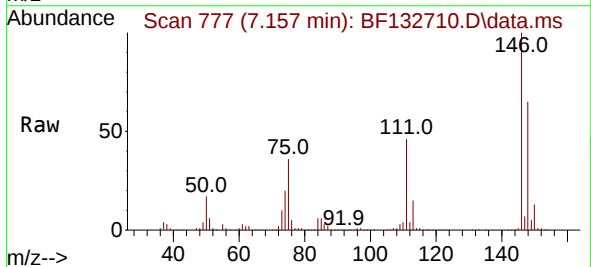
Instrument :
BNA_F
ClientSampleId :

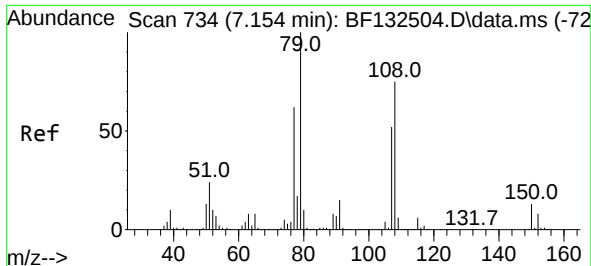
Tgt Ion:146 Resp: 711877
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 44.8 34.8 52.2



#14
1,2-Dichlorobenzene
Concen: 36.717 ng
RT: 7.157 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:146 Resp: 643448
Ion Ratio Lower Upper
146 100
148 65.0 50.6 75.8
111 46.2 37.2 55.8

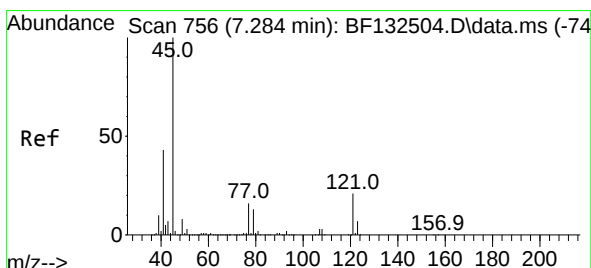
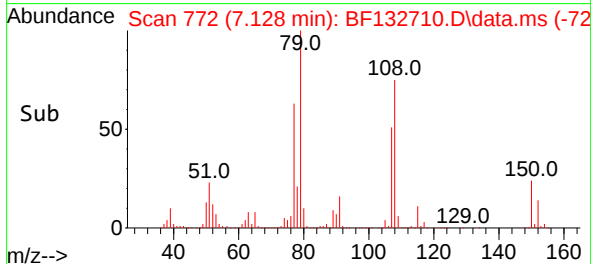
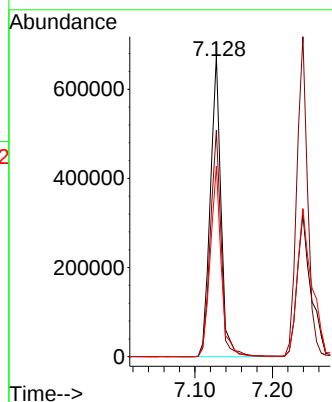
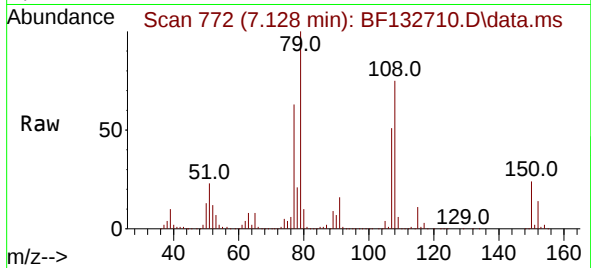




#15
Benzyl Alcohol
Concen: 39.075 ng
RT: 7.128 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

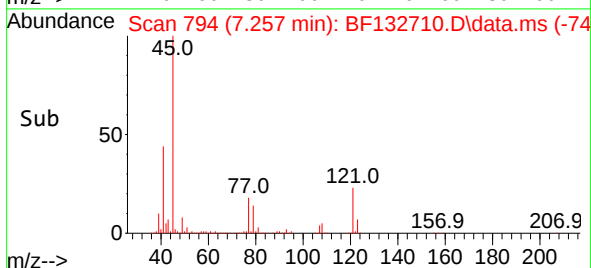
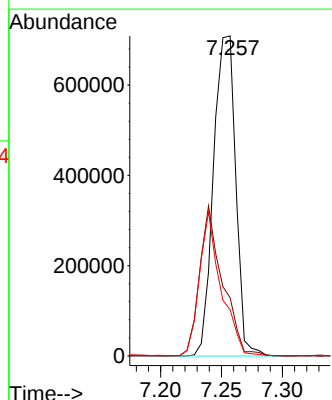
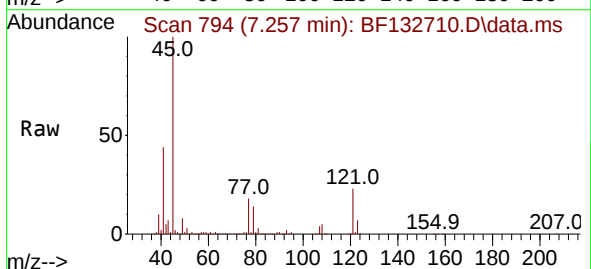
Instrument :
BNA_F
ClientSampleId :

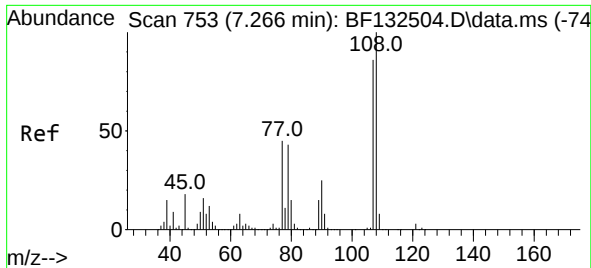
Tgt Ion: 79 Resp: 644861
Ion Ratio Lower Upper
79 100
108 75.2 60.2 90.4
77 63.4 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.177 ng
RT: 7.257 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

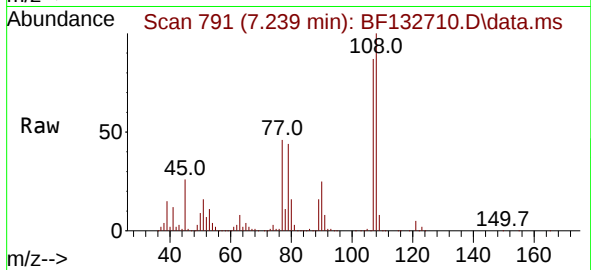
Tgt Ion: 45 Resp: 899142
Ion Ratio Lower Upper
45 100
77 18.2 0.0 36.4
79 14.5 0.0 33.4



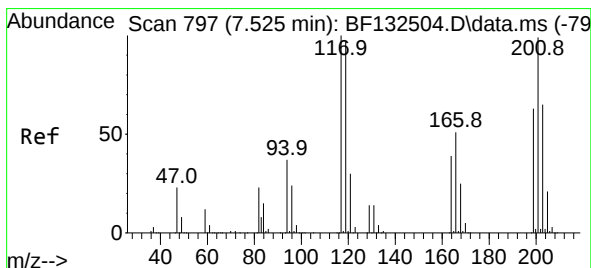
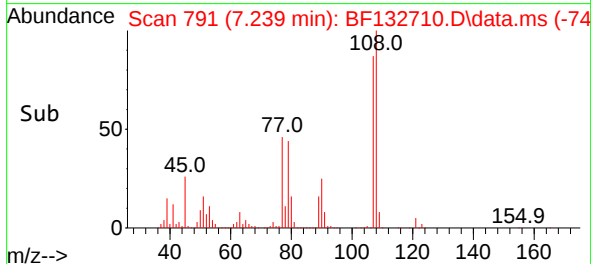
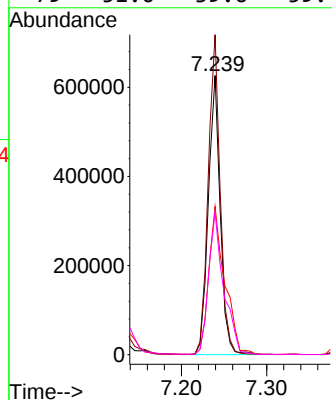


#17
2-Methylphenol
Concen: 38.214 ng
RT: 7.239 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Instrument :
BNA_F
ClientSampleId :

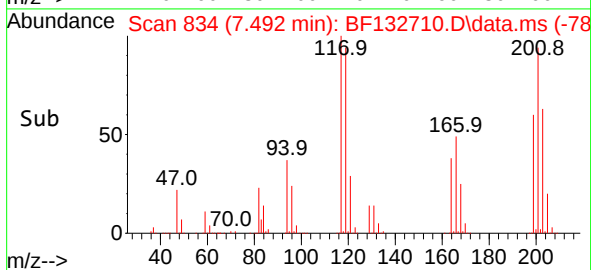
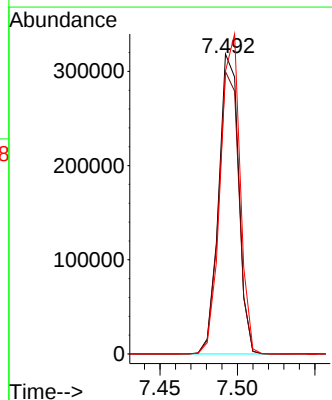
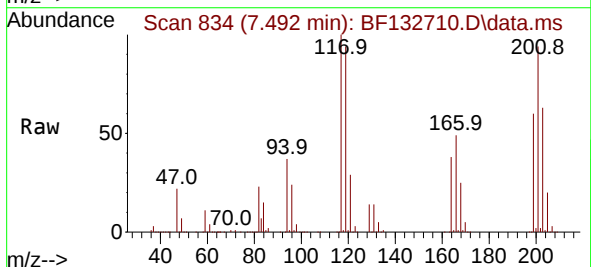


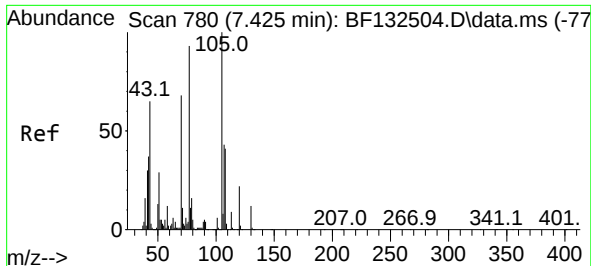
Tgt Ion:	107	Resp:	607772
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.0	139.4
77	53.1	42.1	63.1
79	51.0	39.6	59.4



#18
Hexachloroethane
Concen: 40.132 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:	117	Resp:	286297
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.0	117.0
201	94.2	79.0	118.4

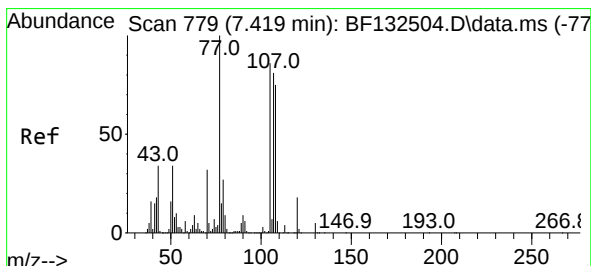
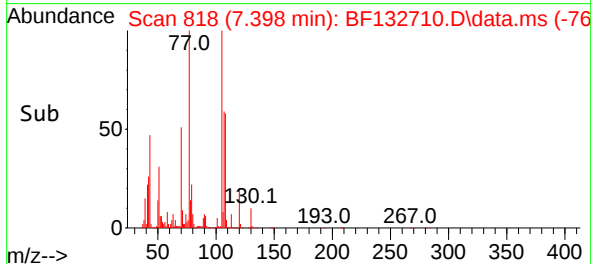
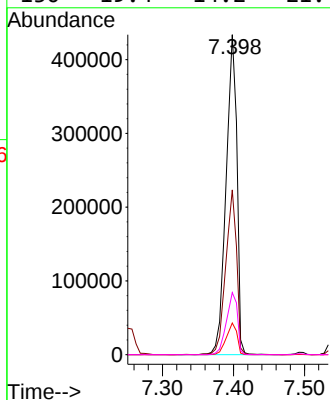
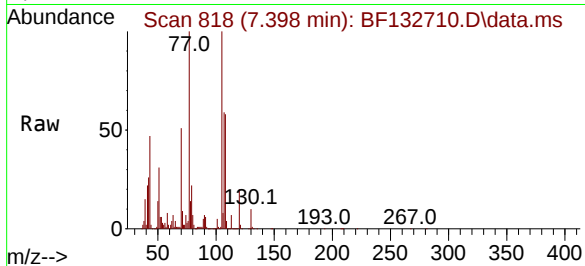




#19
n-Nitroso-di-n-propylamine
Concen: 34.759 ng
RT: 7.398 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

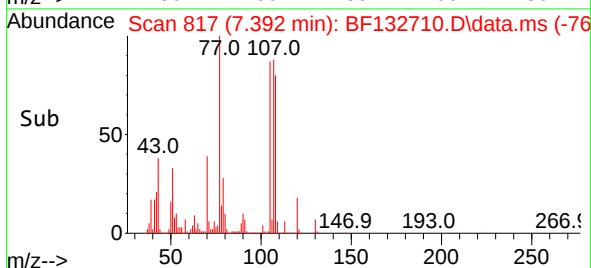
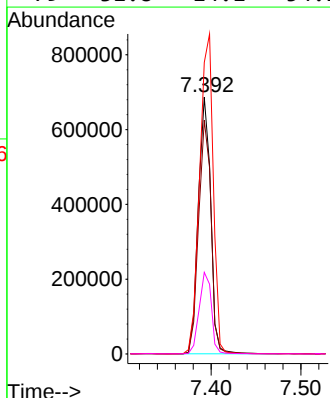
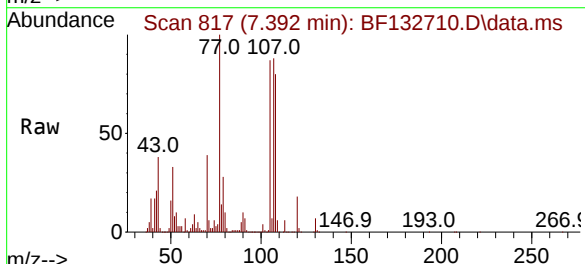
Instrument :
BNA_F
ClientSampleId :

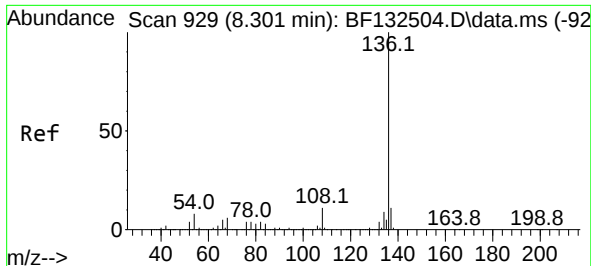
Tgt Ion: 70 Resp: 458404
Ion Ratio Lower Upper
70 100
42 51.5 44.1 66.1
101 9.9 7.4 11.2
130 19.4 14.2 21.4



#20
3+4-Methylphenols
Concen: 31.948 ng
RT: 7.392 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

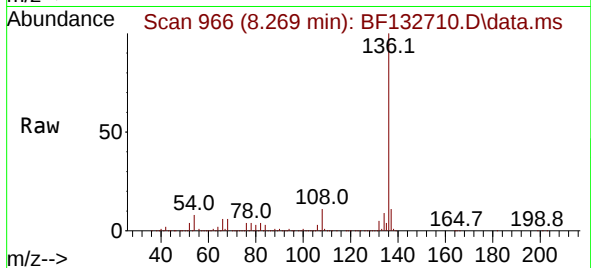
Tgt Ion: 107 Resp: 656454
Ion Ratio Lower Upper
107 100
108 91.0 72.6 112.6
77 113.5 104.0 144.0
79 31.8 14.1 54.1



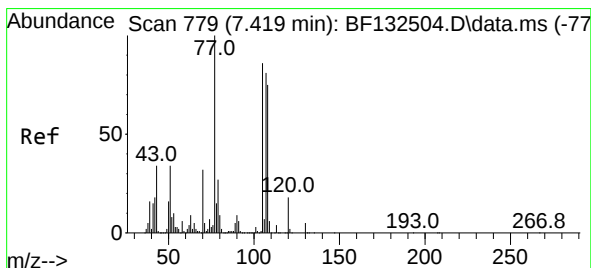
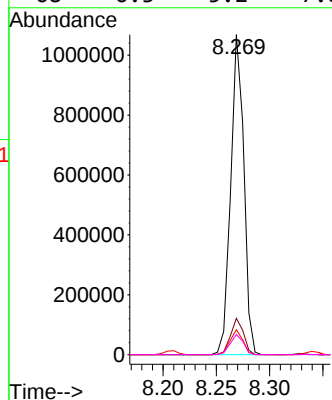
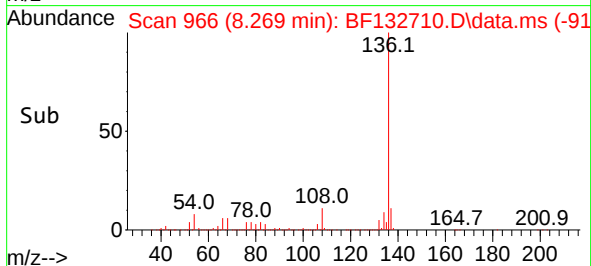


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

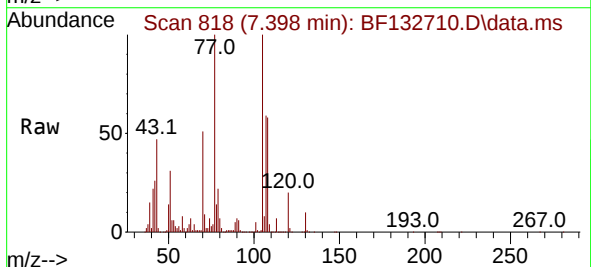
Instrument :
BNA_F
ClientSampleId :



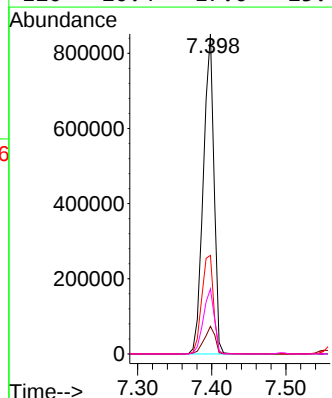
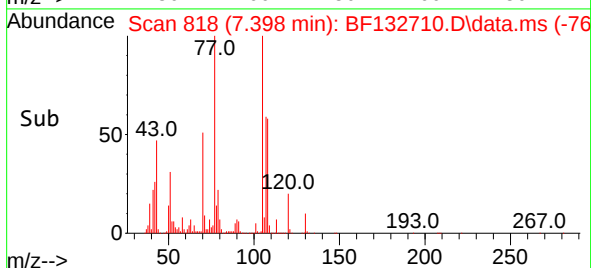
Tgt Ion:136 Resp: 915334
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 6.3 5.2 7.8

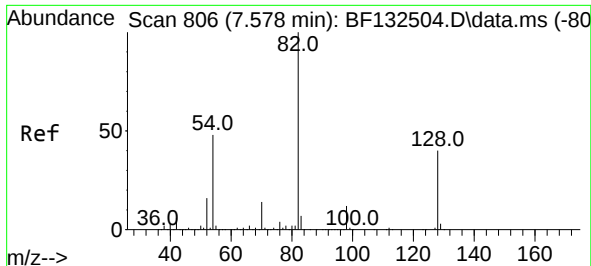


#22
Acetophenone
Concen: 37.006 ng
RT: 7.398 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43



Tgt Ion:105 Resp: 854114
Ion Ratio Lower Upper
105 100
71 8.7 5.0 7.4#
51 30.8 31.5 47.3#
120 20.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 76.686 ng

RT: 7.557 min Scan# 845

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

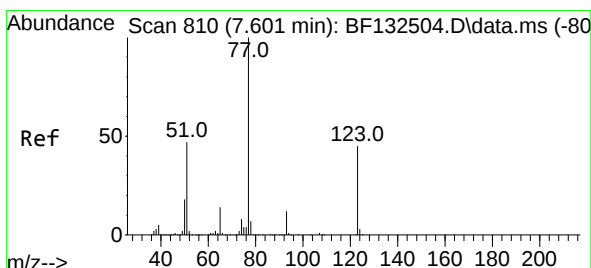
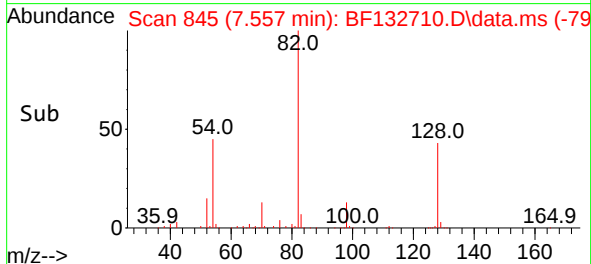
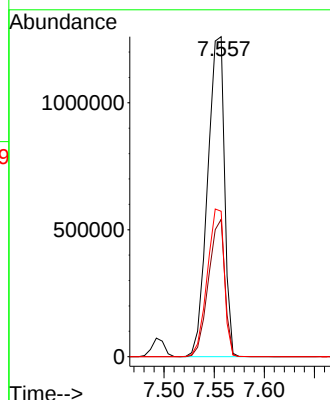
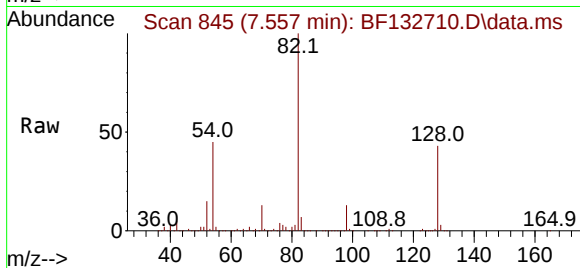
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1479477

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.2
54	45.5	38.4	57.6



#24

Nitrobenzene

Concen: 38.779 ng

RT: 7.575 min Scan# 848

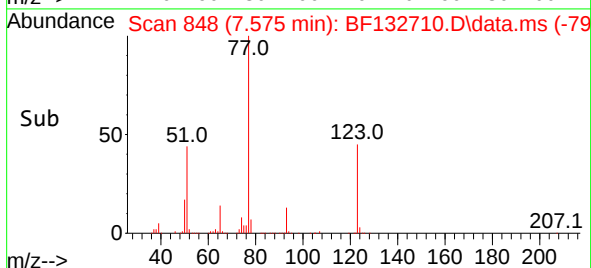
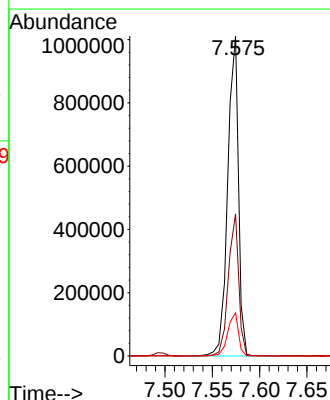
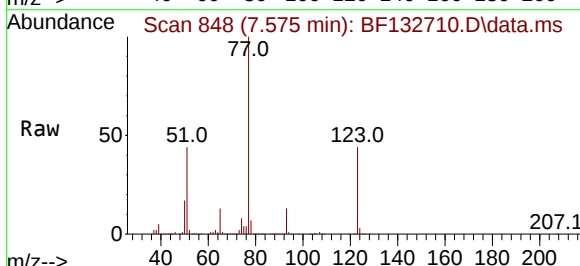
Delta R.T. 0.000 min

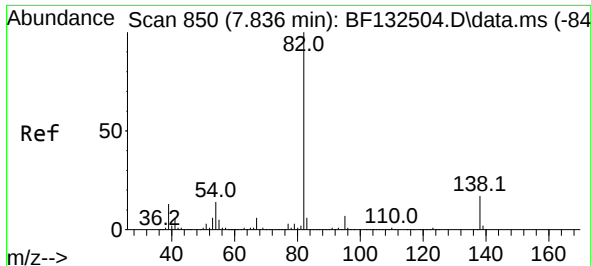
Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Tgt Ion: 77 Resp: 800149

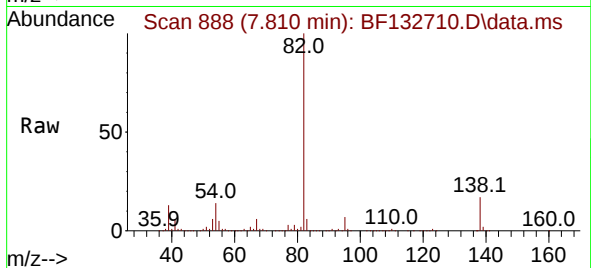
Ion	Ratio	Lower	Upper
77	100		
123	44.4	35.8	53.6
65	13.5	10.9	16.3



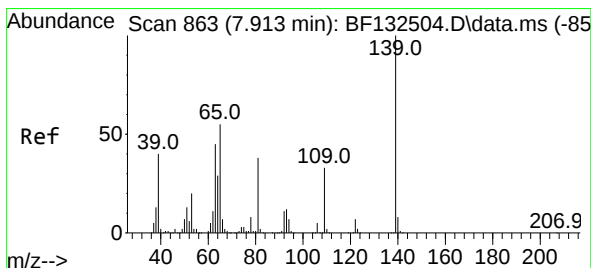
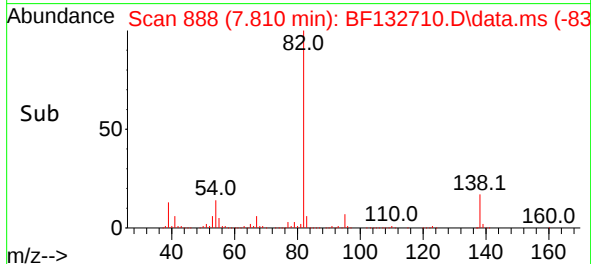
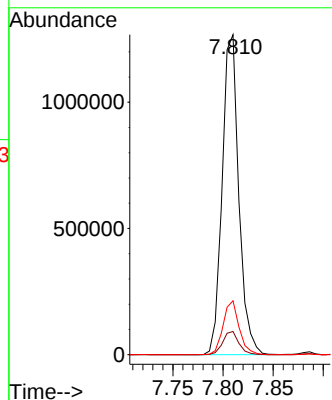


#25
Isophorone
Concen: 39.432 ng
RT: 7.810 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Instrument :
BNA_F
ClientSampleId :

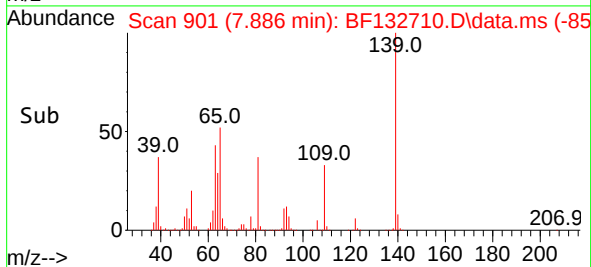
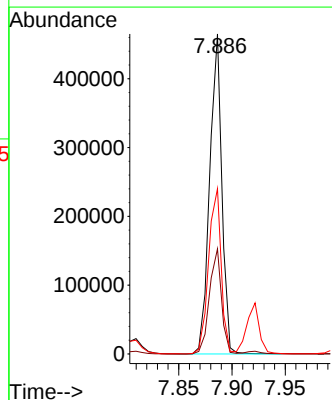
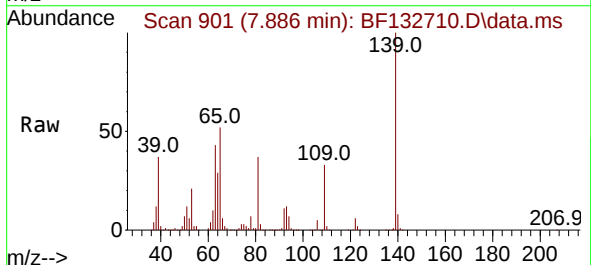


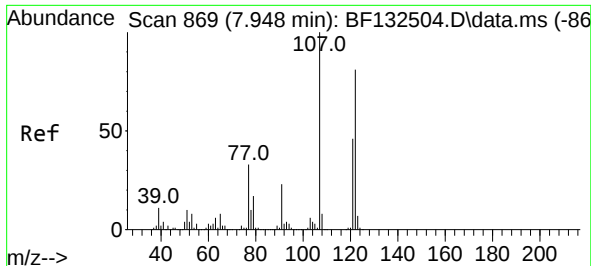
Tgt Ion: 82 Resp: 1458548
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.9 13.3 19.9



#26
2-Nitrophenol
Concen: 40.630 ng
RT: 7.886 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

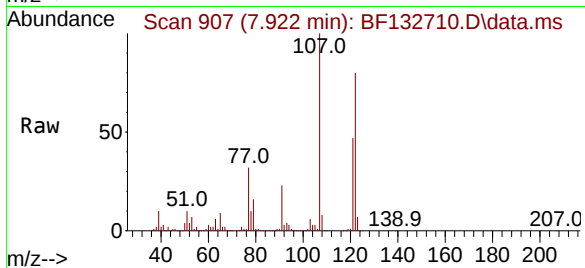
Tgt Ion:139 Resp: 369883
Ion Ratio Lower Upper
139 100
109 32.8 26.2 39.2
65 51.6 43.8 65.8



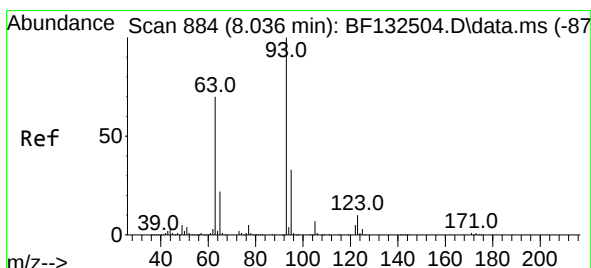
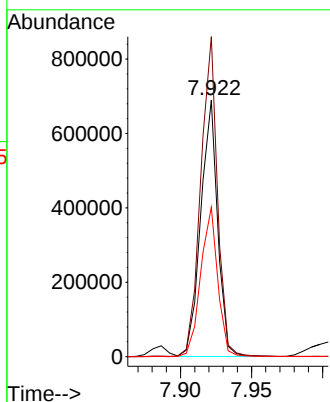
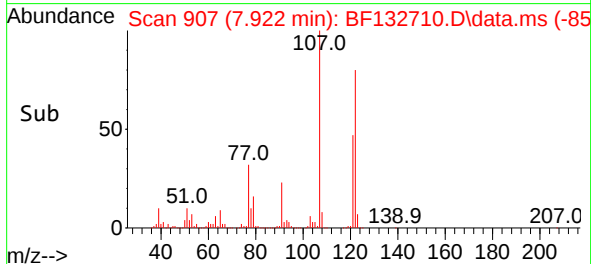


#27
2,4-Dimethylphenol
Concen: 39.869 ng
RT: 7.922 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

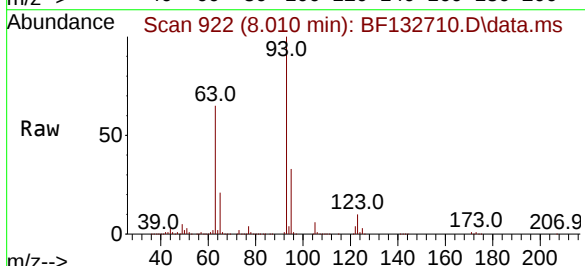
Instrument :
BNA_F
ClientSampleId :



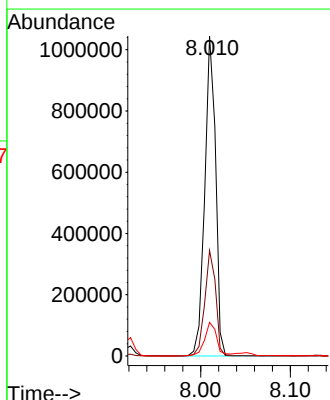
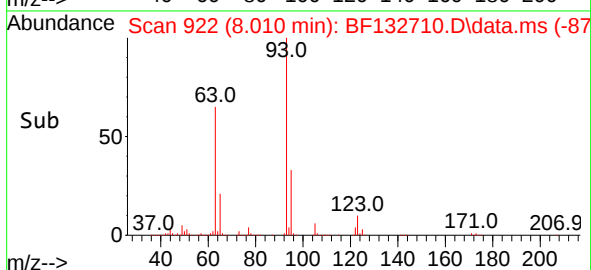
Tgt Ion:122 Resp: 572849
Ion Ratio Lower Upper
122 100
107 124.7 98.7 148.1
121 58.2 45.8 68.6

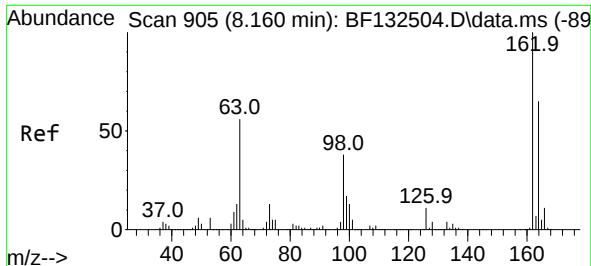


#28
bis(2-Chloroethoxy)methane
Concen: 40.591 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43



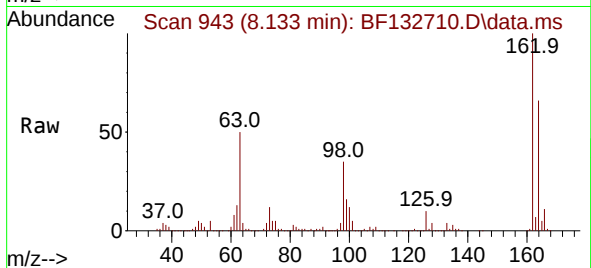
Tgt Ion: 93 Resp: 878314
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 10.5 8.3 12.5



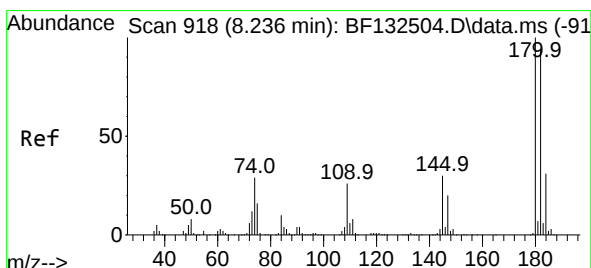
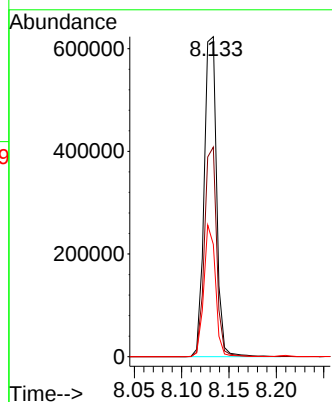
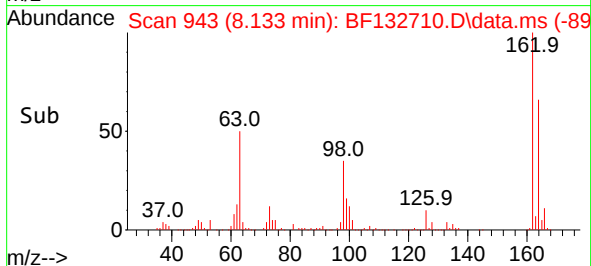


#29
2,4-Dichlorophenol
Concen: 40.069 ng
RT: 8.133 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

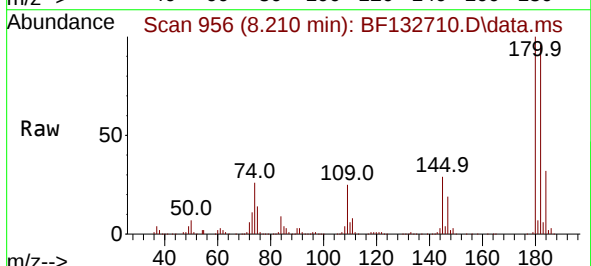
Instrument :
BNA_F
ClientSampleId :



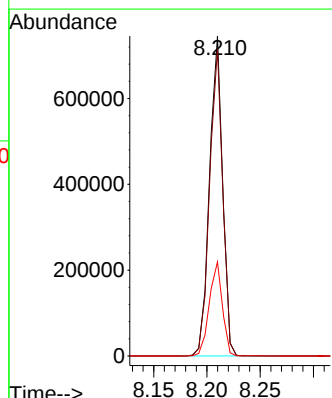
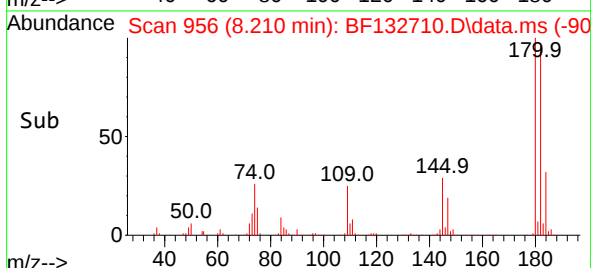
Tgt Ion:162 Resp: 572704
Ion Ratio Lower Upper
162 100
164 65.5 45.3 85.3
98 35.1 17.9 57.9

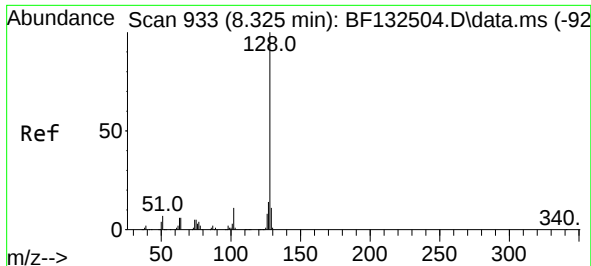


#30
1,2,4-Trichlorobenzene
Concen: 41.016 ng
RT: 8.210 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43



Tgt Ion:180 Resp: 636578
Ion Ratio Lower Upper
180 100
182 95.9 75.1 112.7
145 29.4 23.8 35.6

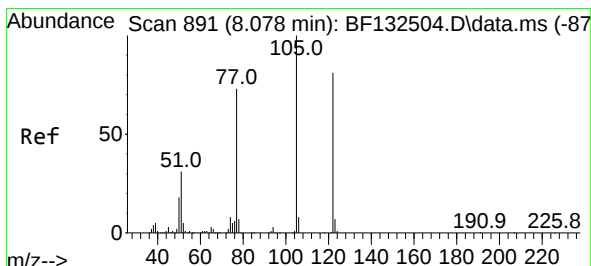
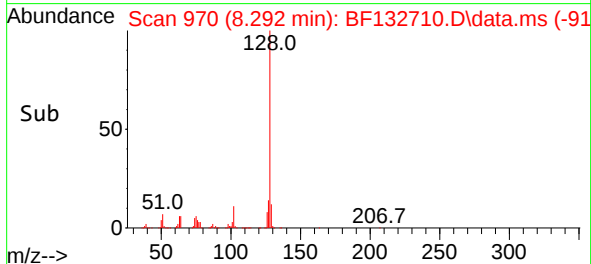
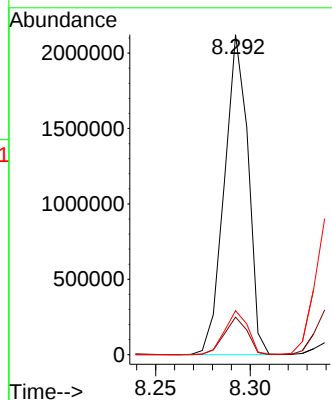
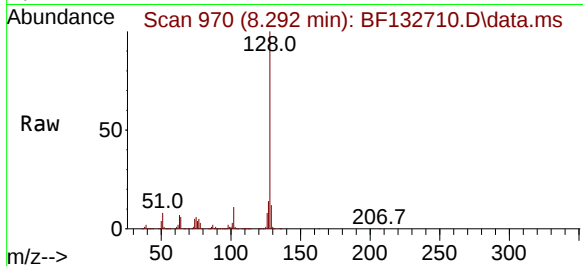




#31
Naphthalene
Concen: 39.382 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

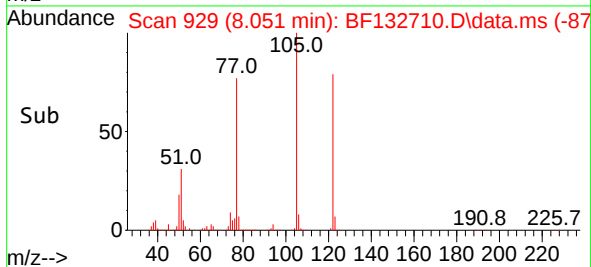
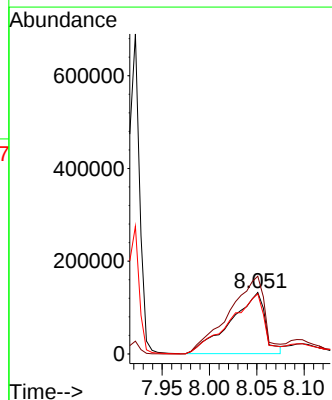
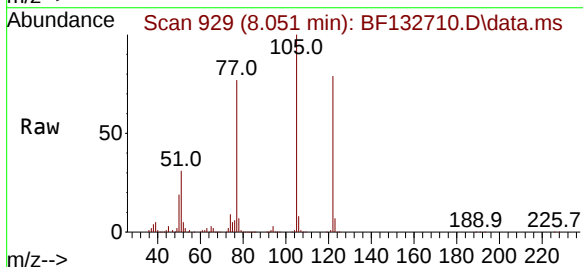
Instrument :
BNA_F
ClientSampleId :

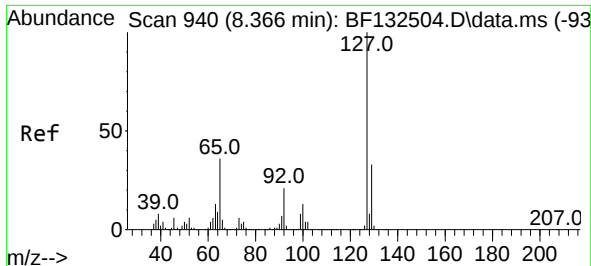
Tgt Ion:128 Resp: 1845415
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 31.282 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:122 Resp: 337757
Ion Ratio Lower Upper
122 100
105 126.7 102.6 142.6
77 97.9 70.2 110.2

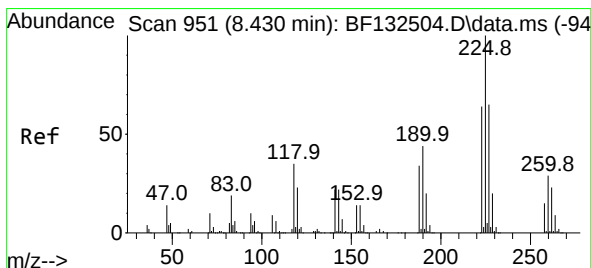
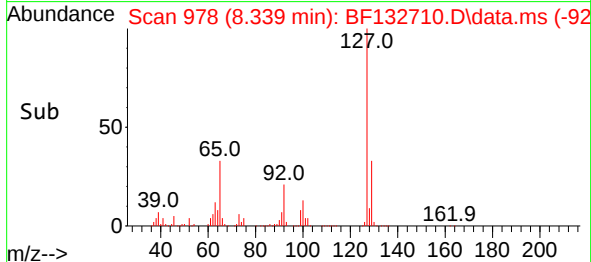
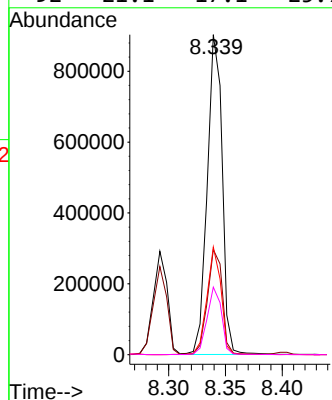
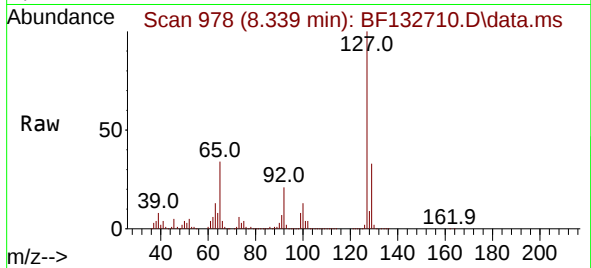




#33
4-Chloroaniline
Concen: 41.008 ng
RT: 8.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

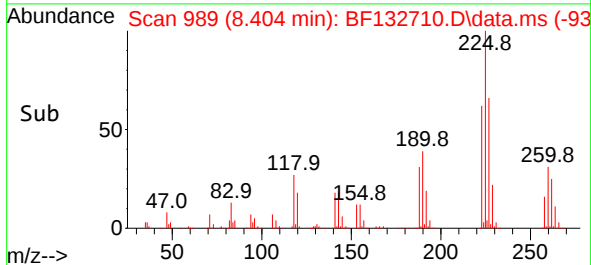
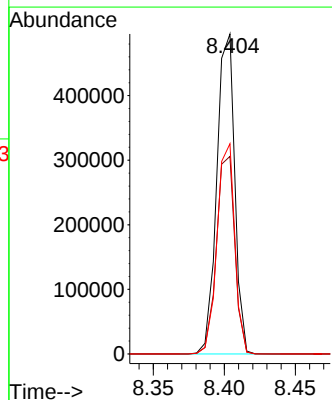
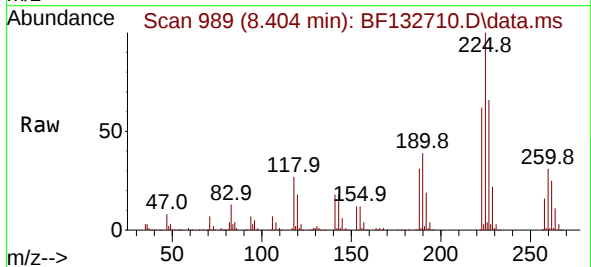
Instrument :
BNA_F
ClientSampleId :

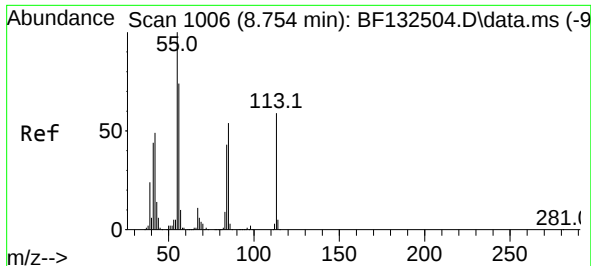
Tgt Ion:127	Resp: 823448
Ion Ratio	Lower Upper
127 100	
129 32.9	26.4 39.6
65 33.6	28.8 43.2
92 21.1	17.1 25.7



#34
Hexachlorobutadiene
Concen: 44.063 ng
RT: 8.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:225	Resp: 434565
Ion Ratio	Lower Upper
225 100	
223 61.8	51.0 76.4
227 65.7	51.7 77.5





#35

Caprolactam

Concen: 38.304 ng

RT: 8.733 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

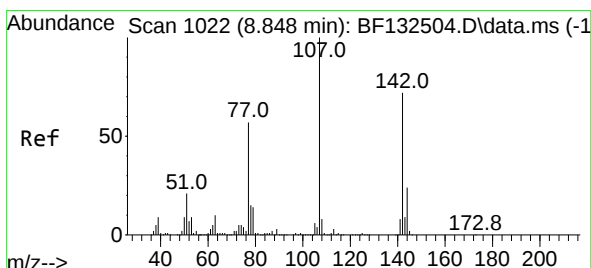
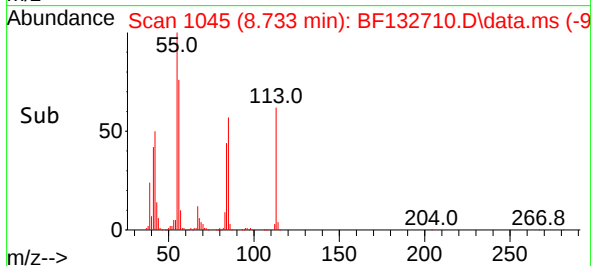
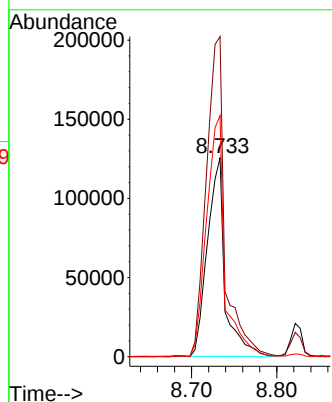
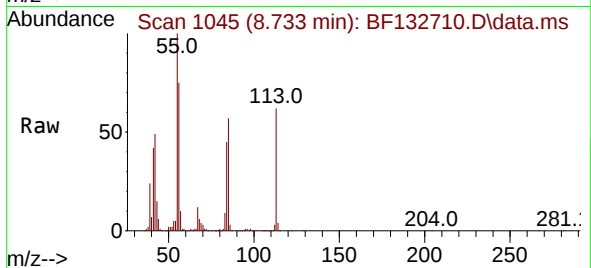
Tgt Ion:113 Resp: 180490

Ion Ratio Lower Upper

113 100

55 161.1 149.4 189.4

56 121.4 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 40.112 ng

RT: 8.822 min Scan# 1060

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

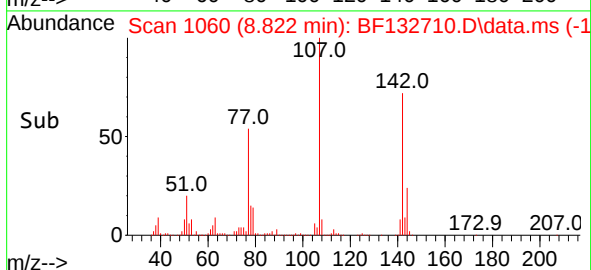
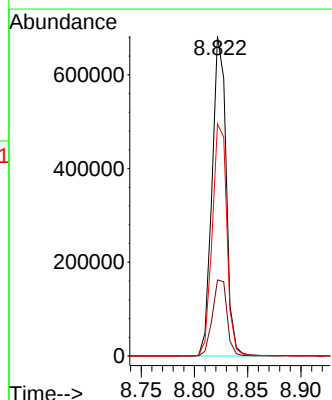
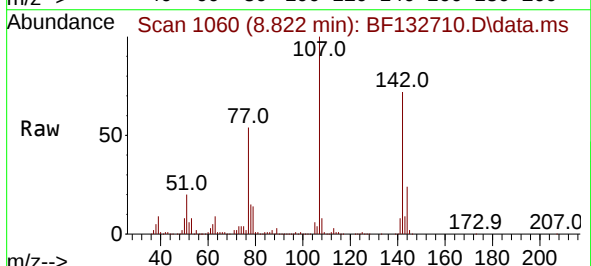
Tgt Ion:107 Resp: 629619

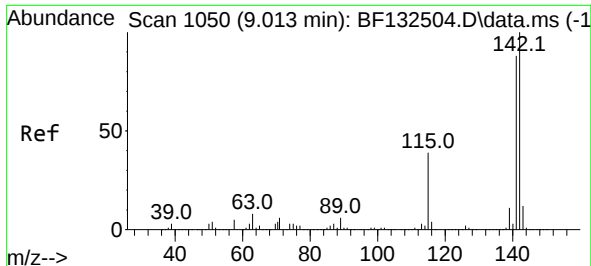
Ion Ratio Lower Upper

107 100

144 23.7 18.9 28.3

142 72.5 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.092 ng

RT: 8.986 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

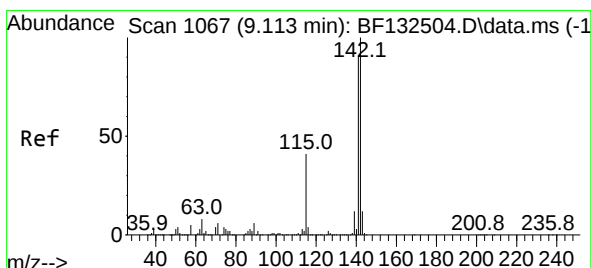
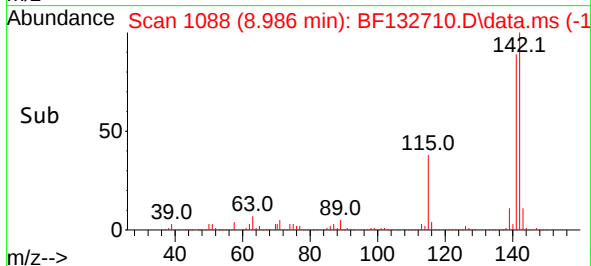
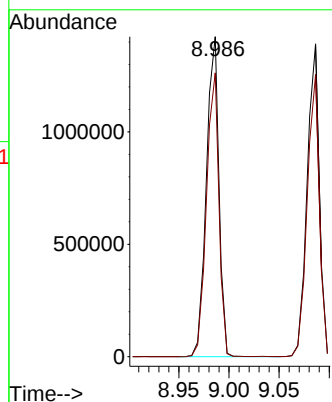
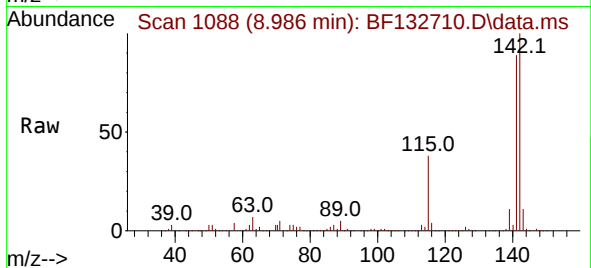
ClientSampleId :

Tgt Ion:142 Resp: 1248367

Ion Ratio Lower Upper

142 100

141 88.7 70.2 105.2



#38

1-Methylnaphthalene

Concen: 39.159 ng

RT: 9.086 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF132710.D

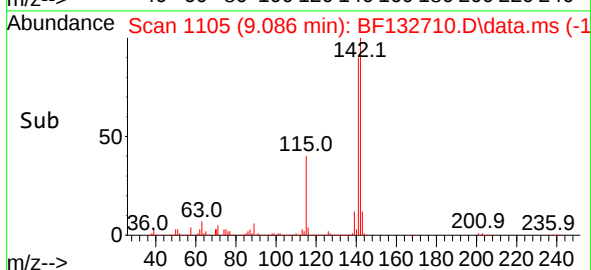
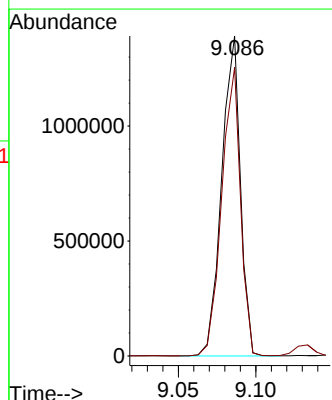
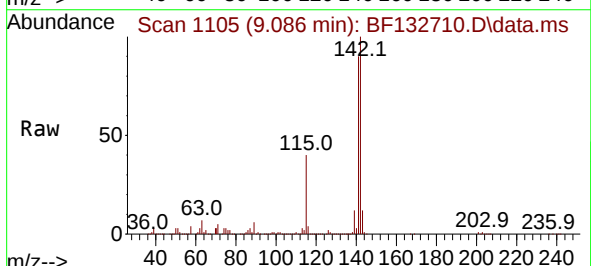
Acq: 09 Mar 2023 10:43

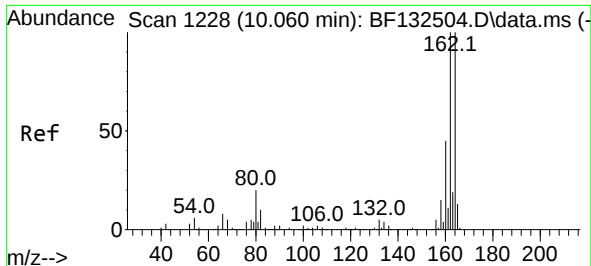
Tgt Ion:142 Resp: 1168644

Ion Ratio Lower Upper

142 100

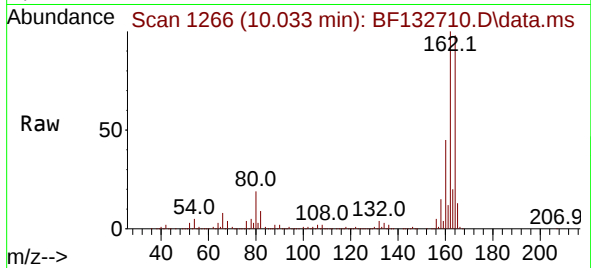
141 90.1 73.0 109.6



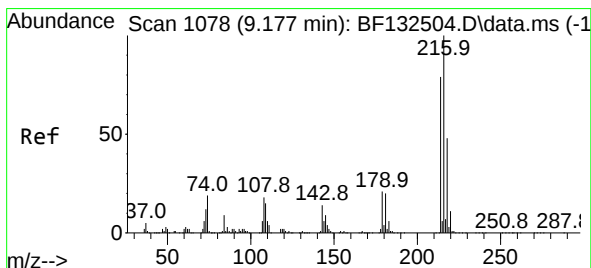
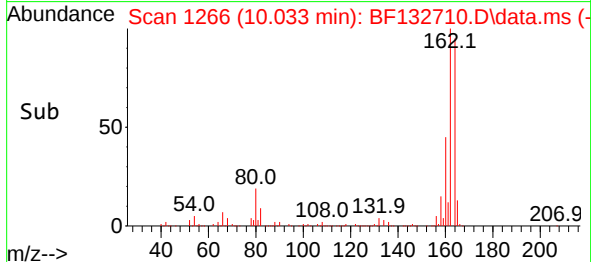
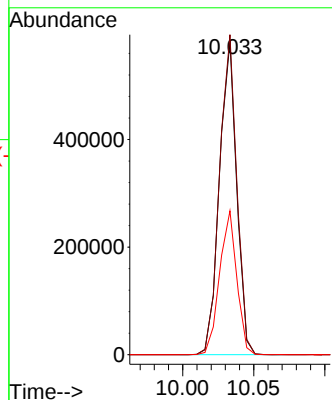


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Instrument :
BNA_F
ClientSampleId :

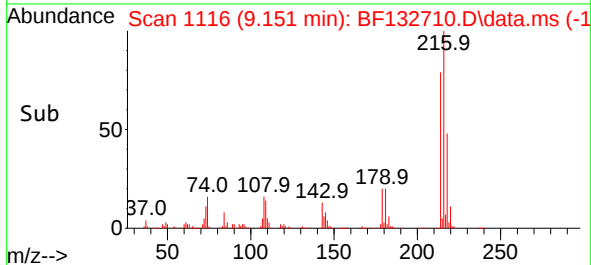
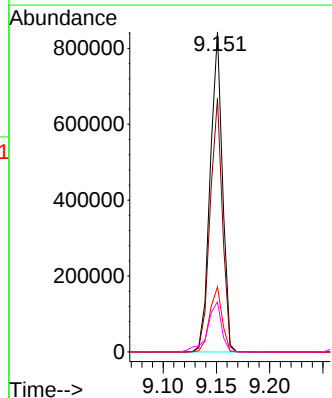
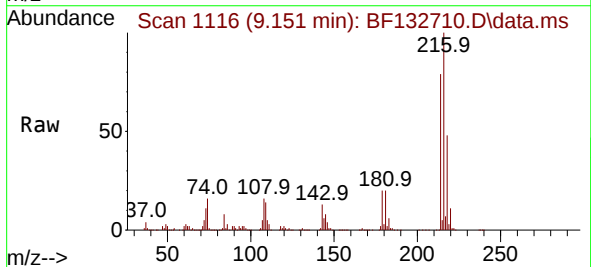


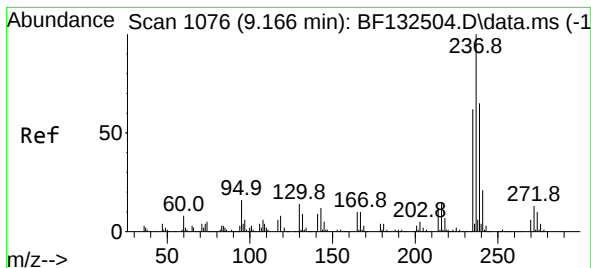
Tgt Ion:164 Resp: 490768
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.8
160 45.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.078 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:216 Resp: 675644
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 20.5 16.6 24.8
108 17.7 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 42.638 ng

RT: 9.133 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

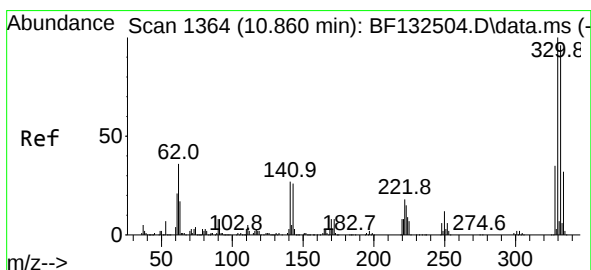
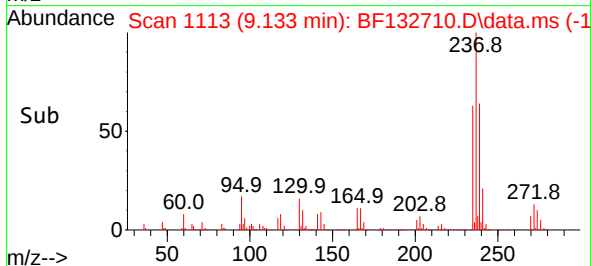
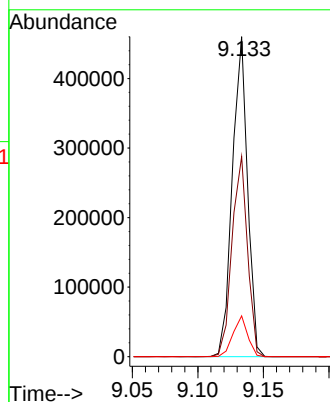
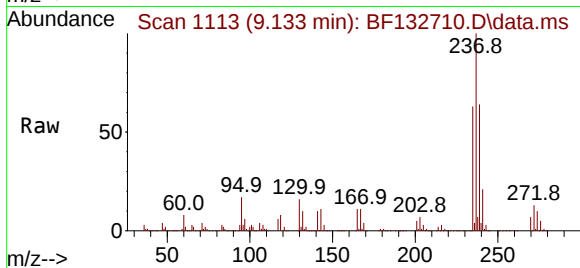
Tgt Ion:237 Resp: 371336

Ion Ratio Lower Upper

237 100

235 62.6 42.4 82.4

272 12.8 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 82.476 ng

RT: 10.827 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

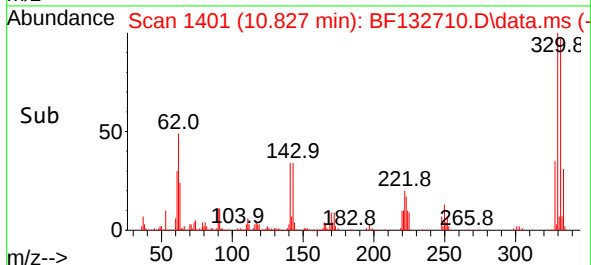
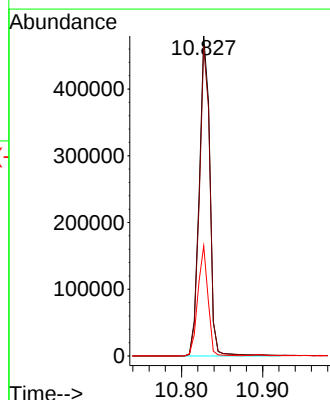
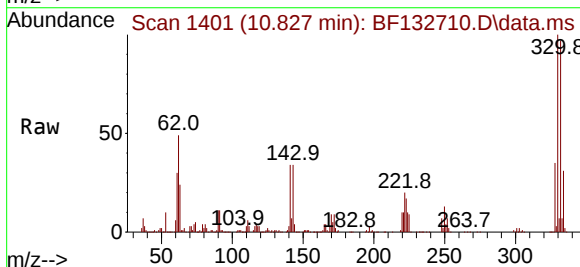
Tgt Ion:330 Resp: 437128

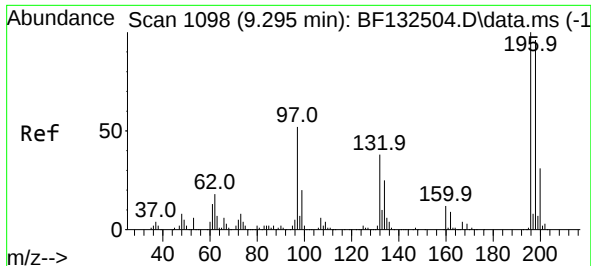
Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 32.7 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 40.976 ng

RT: 9.263 min Scan# 1135

Delta R.T. 0.000 min

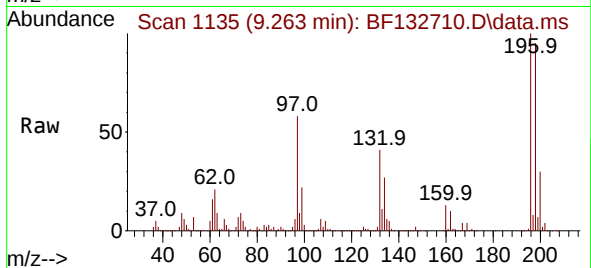
Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :



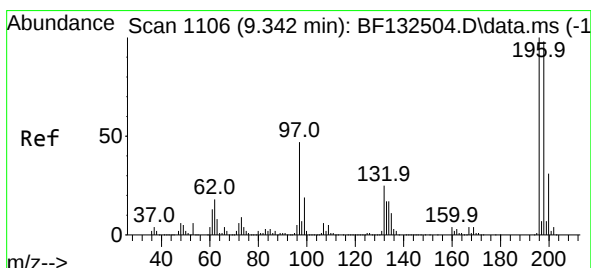
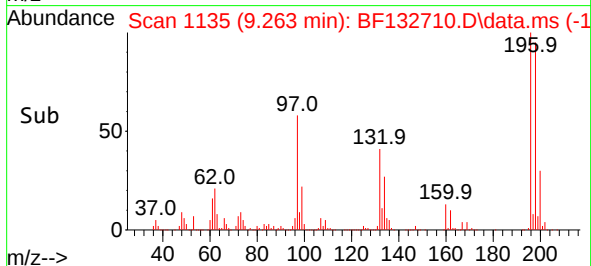
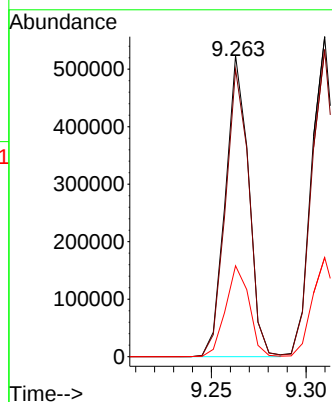
Tgt Ion:196 Resp: 445881

Ion Ratio Lower Upper

196 100

198 95.5 77.1 115.7

200 30.2 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 40.516 ng

RT: 9.310 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Tgt Ion:196 Resp: 514563

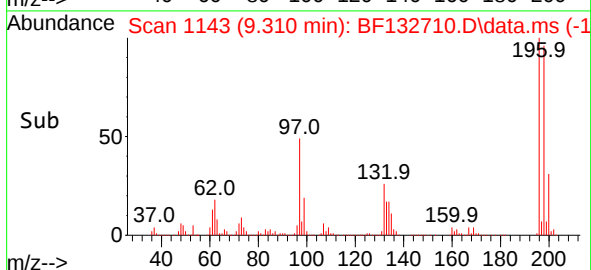
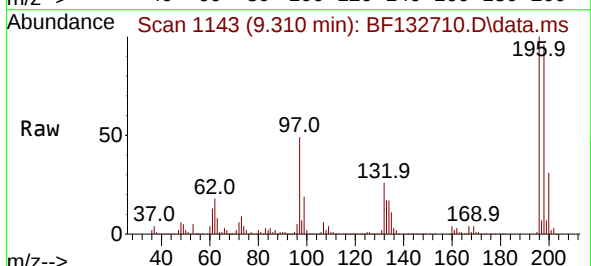
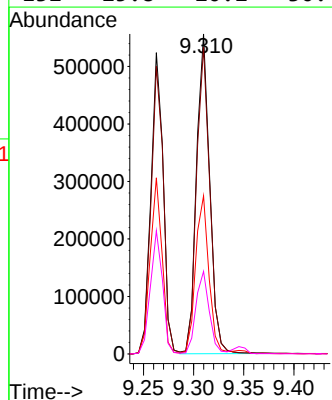
Ion Ratio Lower Upper

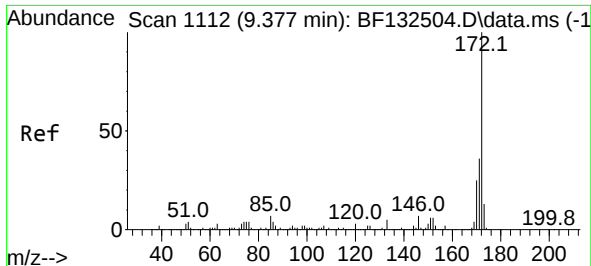
196 100

198 96.0 78.3 117.5

97 49.4 38.1 57.1

132 25.8 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 74.209 ng

RT: 9.345 min Scan# 1119

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

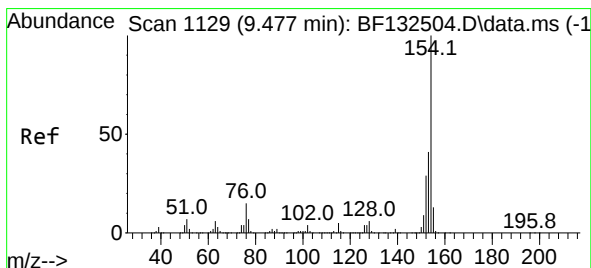
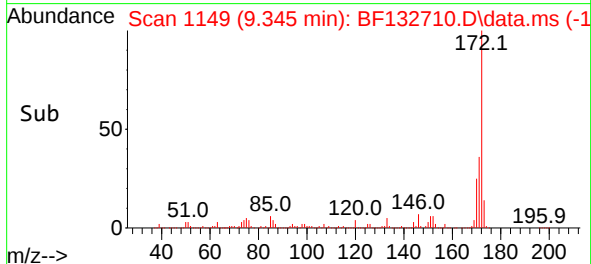
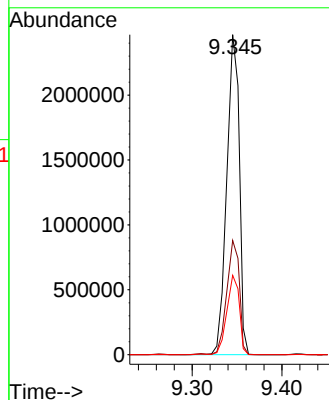
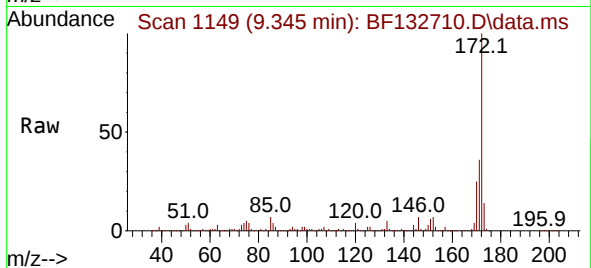
Tgt Ion:172 Resp: 2391809

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.8 19.7 29.5



#46

1,1'-Biphenyl

Concen: 39.138 ng

RT: 9.451 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

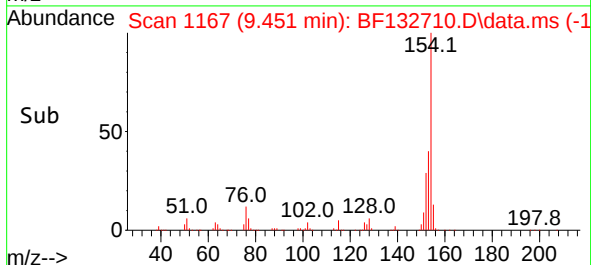
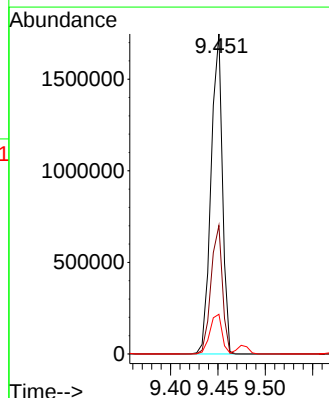
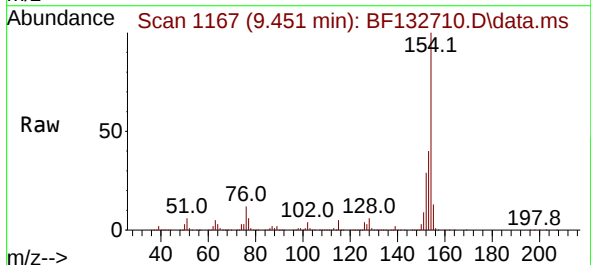
Tgt Ion:154 Resp: 1453795

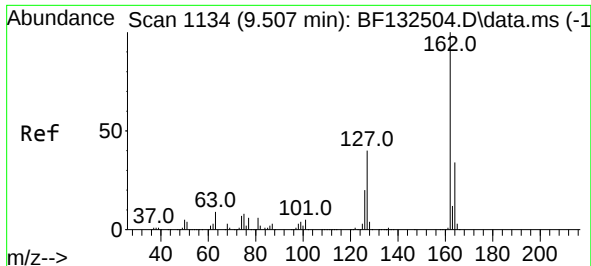
Ion Ratio Lower Upper

154 100

153 40.2 20.9 60.9

76 12.4 0.0 34.7





#47

2-Chloronaphthalene

Concen: 39.224 ng

RT: 9.480 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

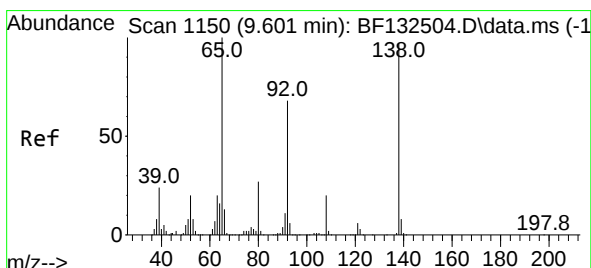
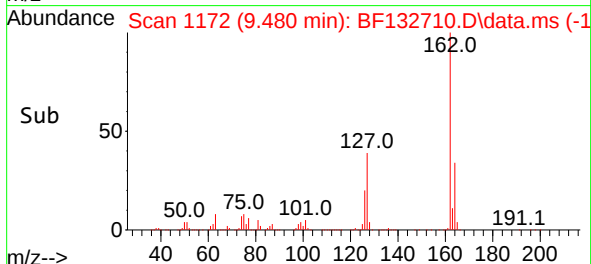
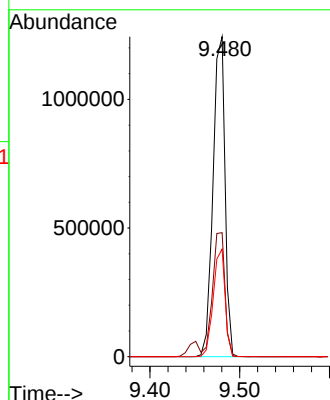
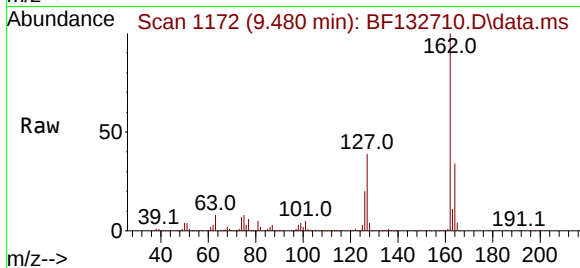
Tgt Ion:162 Resp: 1155173

Ion Ratio Lower Upper

162 100

127 38.7 32.3 48.5

164 33.7 26.9 40.3



#48

2-Nitroaniline

Concen: 36.815 ng

RT: 9.575 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

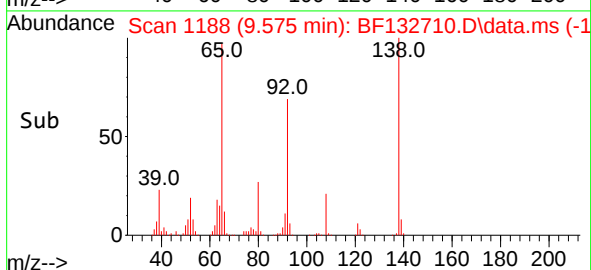
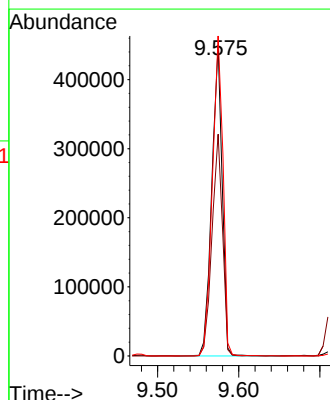
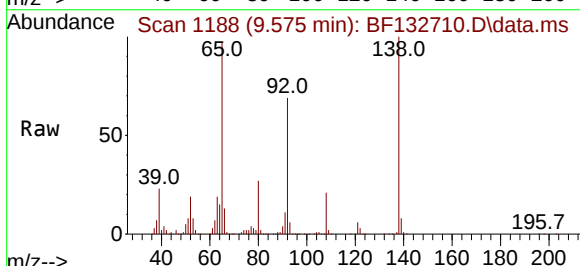
Tgt Ion: 65 Resp: 399326

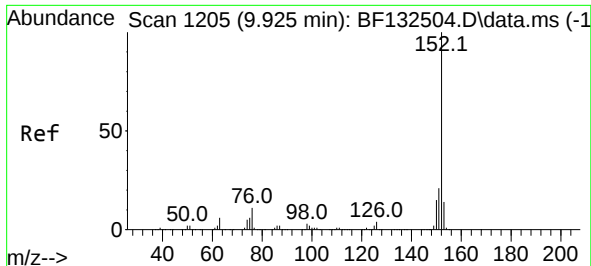
Ion Ratio Lower Upper

65 100

92 71.4 54.5 81.7

138 103.0 77.2 115.8





#49

Acenaphthylene

Concen: 38.866 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

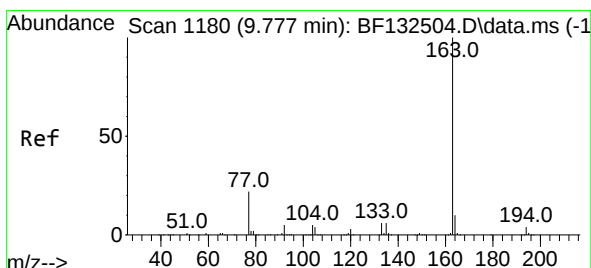
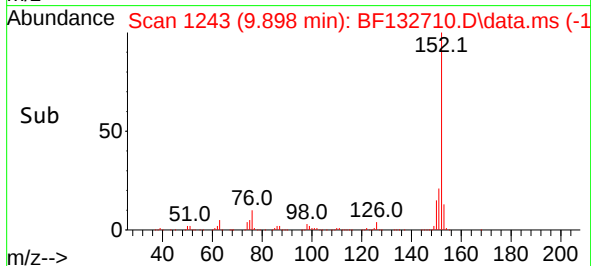
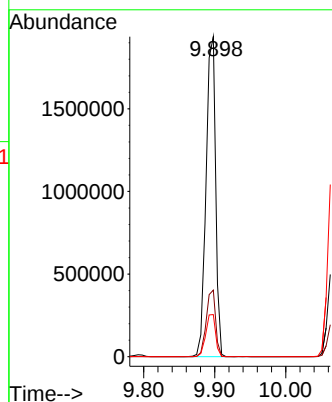
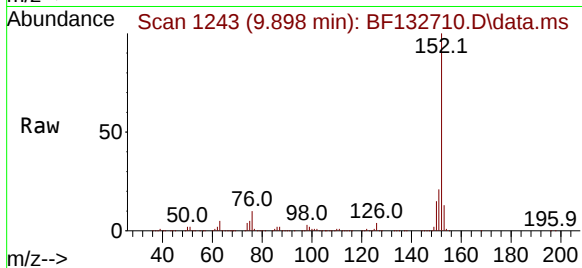
Tgt Ion:152 Resp: 1821715

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 13.1 11.0 16.6



#50

Dimethylphthalate

Concen: 40.968 ng

RT: 9.751 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

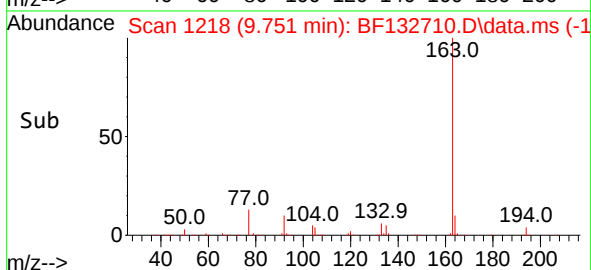
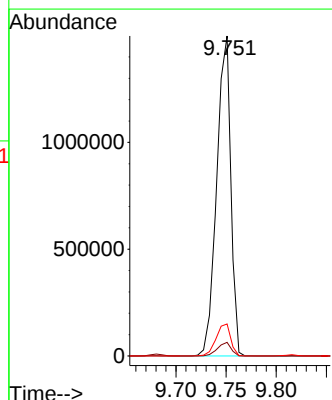
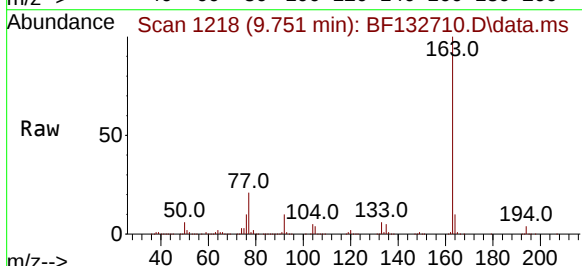
Tgt Ion:163 Resp: 1463970

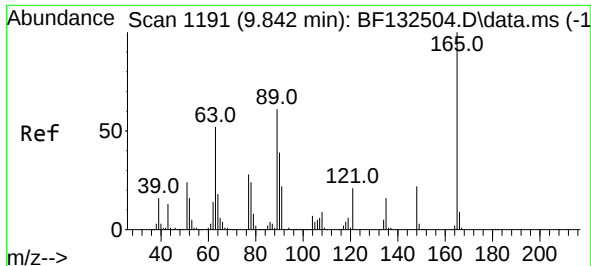
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.3 12.5

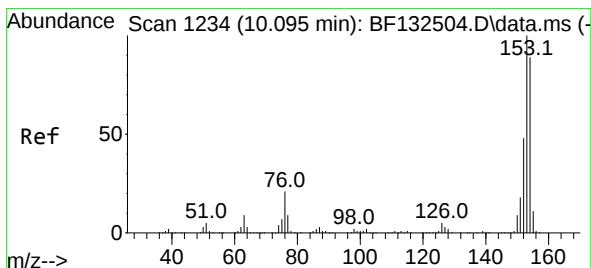
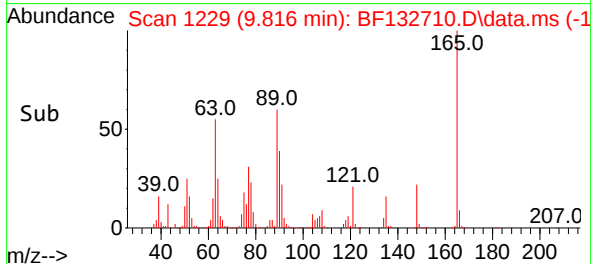
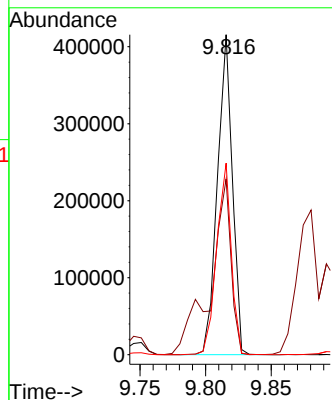
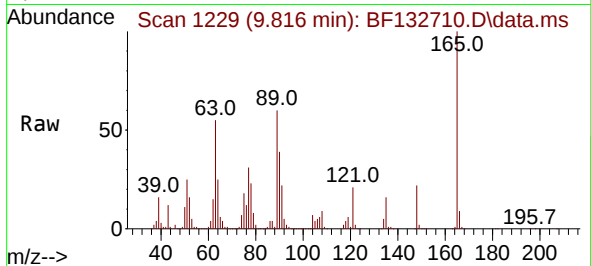




#51
2,6-Dinitrotoluene
Concen: 40.467 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

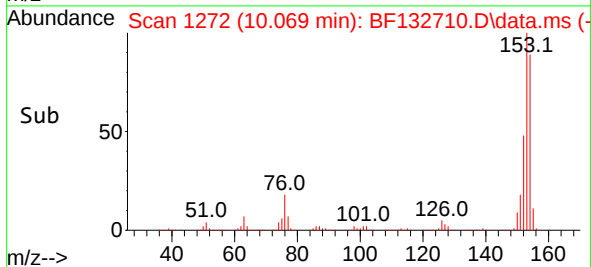
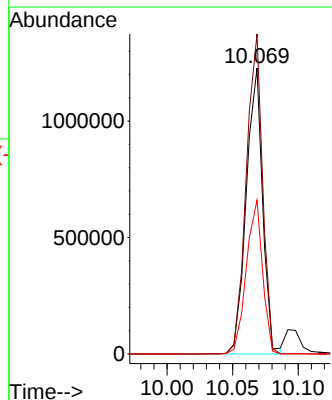
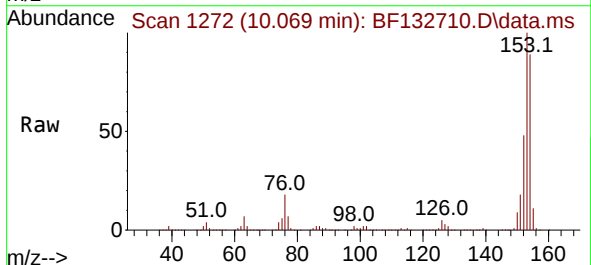
Instrument :
BNA_F
ClientSampleId :

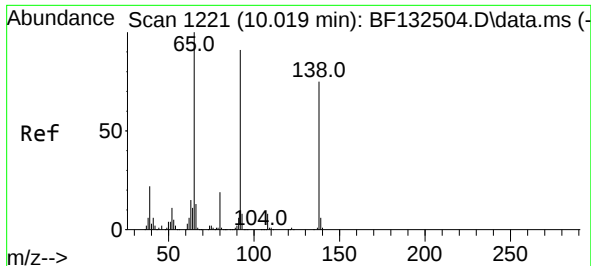
Tgt Ion:165 Resp: 329319
Ion Ratio Lower Upper
165 100
63 54.9 47.3 70.9
89 59.8 48.9 73.3



#52
Acenaphthene
Concen: 35.906 ng
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:154 Resp: 1068644
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.8 43.3 64.9

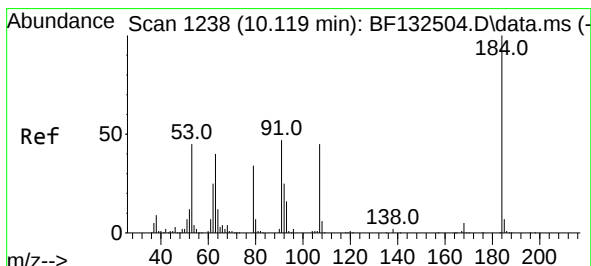
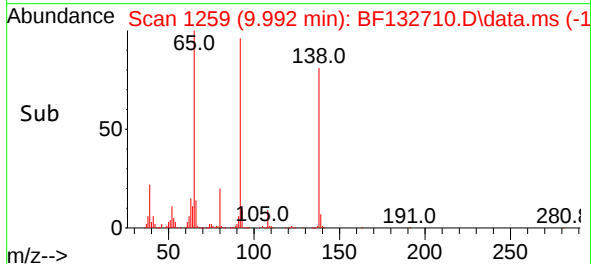
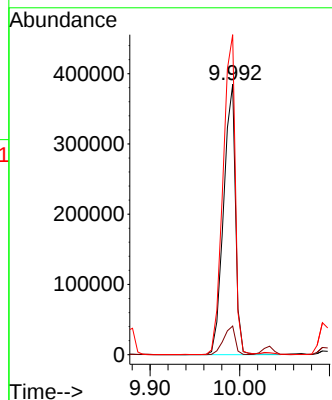
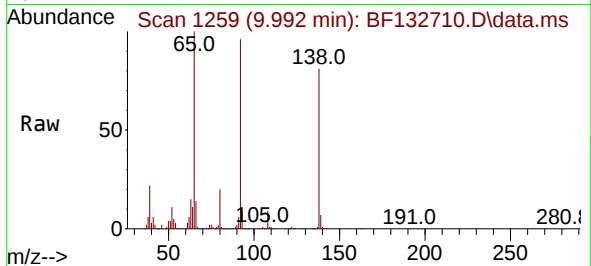




#53
3-Nitroaniline
Concen: 38.922 ng
RT: 9.992 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

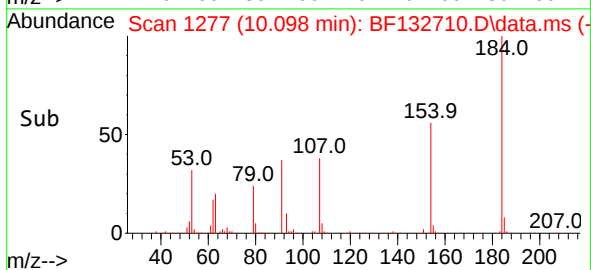
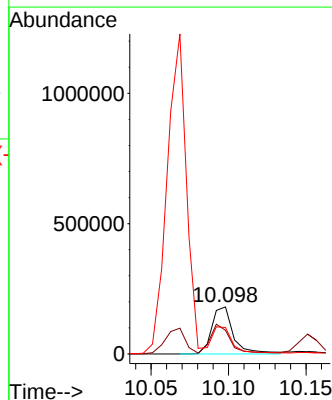
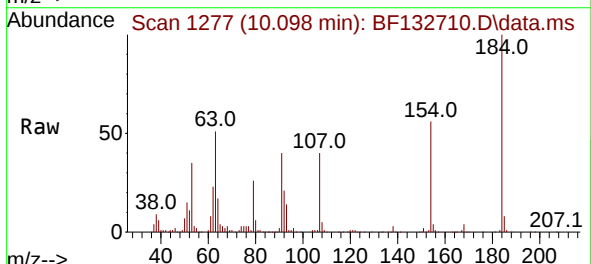
Instrument :
BNA_F
ClientSampleId :

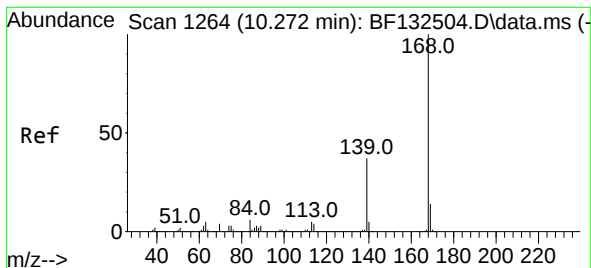
Tgt Ion:138 Resp: 354327
Ion Ratio Lower Upper
138 100
108 10.6 8.1 12.1
92 118.4 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 35.245 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:184 Resp: 175331
Ion Ratio Lower Upper
184 100
63 50.6 51.4 77.2#
154 56.1 48.3 72.5





#55

Dibenzofuran

Concen: 38.542 ng

RT: 10.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

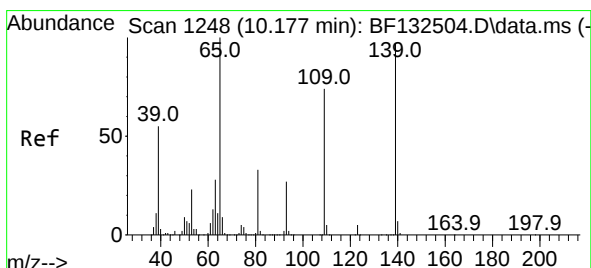
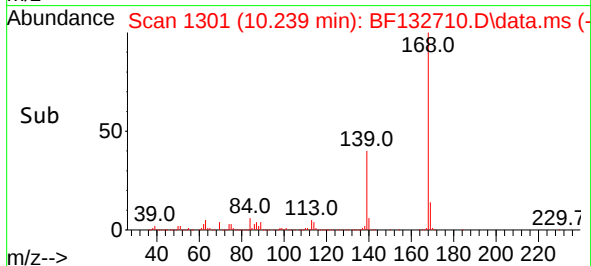
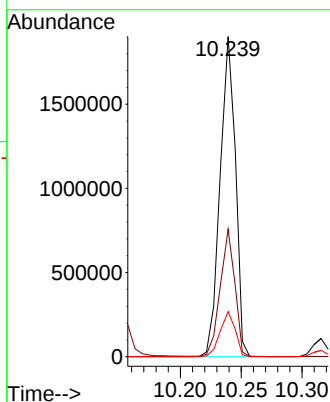
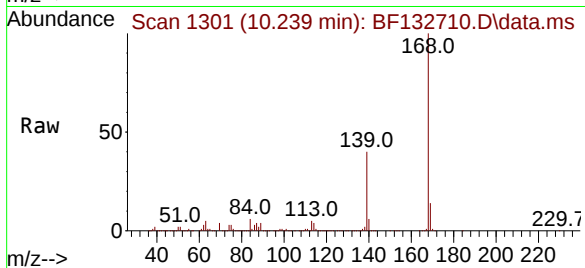
Tgt Ion:168 Resp: 1672311

Ion Ratio Lower Upper

168 100

139 39.8 29.8 44.6

169 14.1 10.9 16.3



#56

4-Nitrophenol

Concen: 33.784 ng

RT: 10.151 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

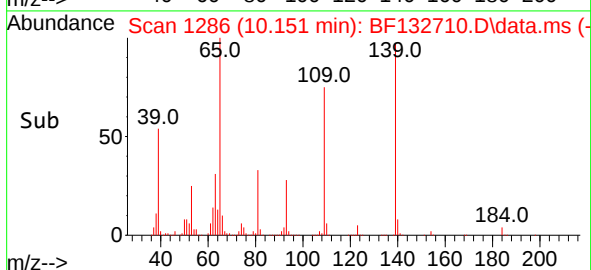
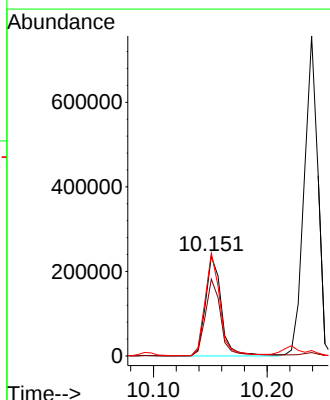
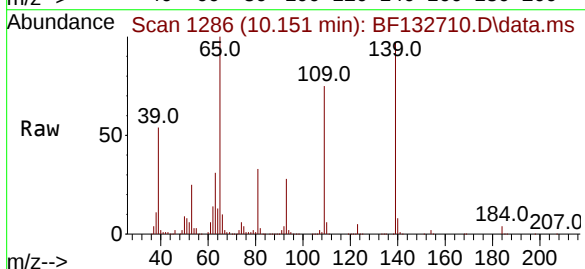
Tgt Ion:139 Resp: 229361

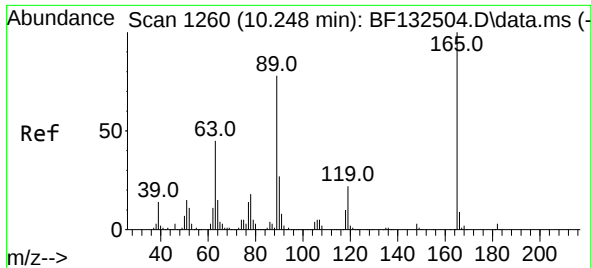
Ion Ratio Lower Upper

139 100

109 77.0 56.7 96.7

65 103.3 83.5 123.5

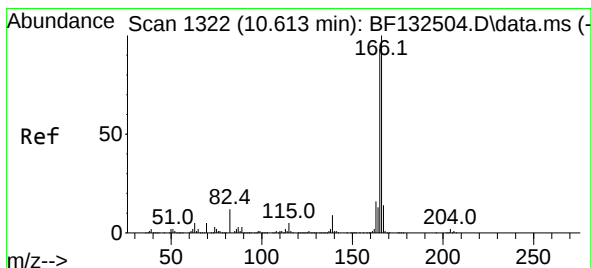
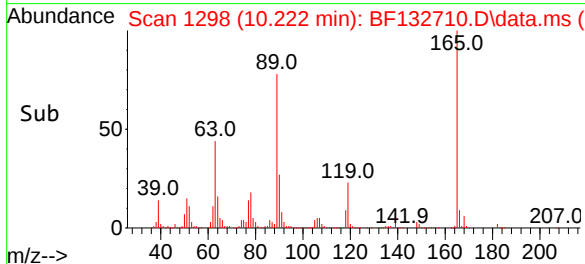
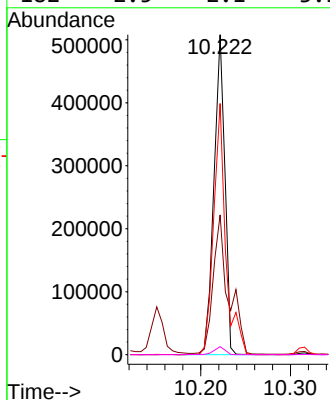
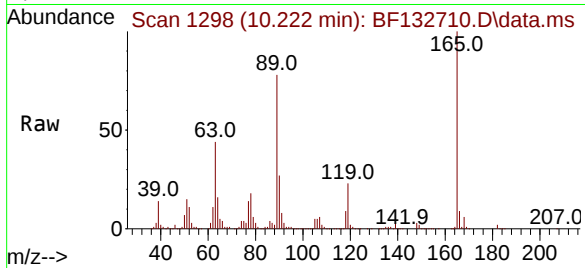




#57
2,4-Dinitrotoluene
Concen: 39.700 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

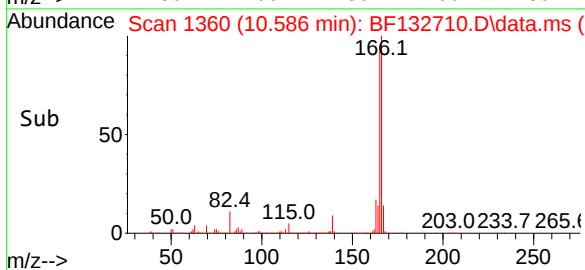
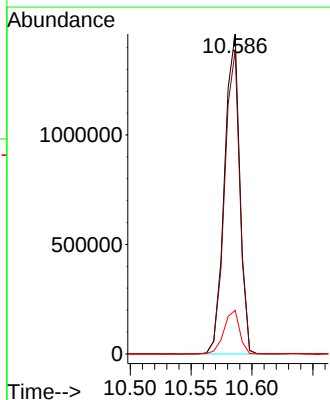
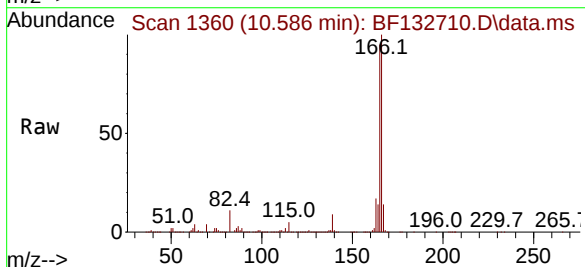
Instrument :
BNA_F
ClientSampleId :

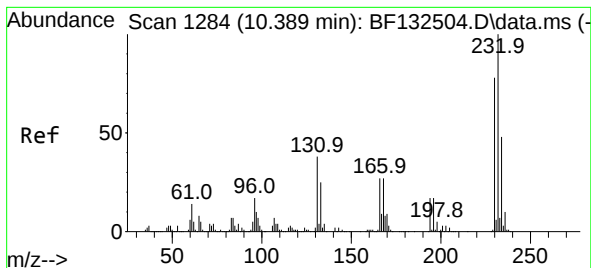
Tgt Ion:165 Resp: 429821
Ion Ratio Lower Upper
165 100
63 43.7 36.5 54.7
89 78.5 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 38.546 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:166 Resp: 1279299
Ion Ratio Lower Upper
166 100
165 94.8 74.2 111.4
167 13.6 11.1 16.7

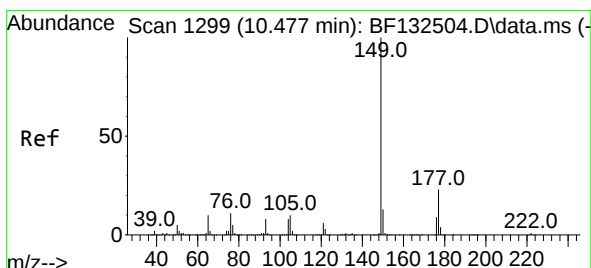
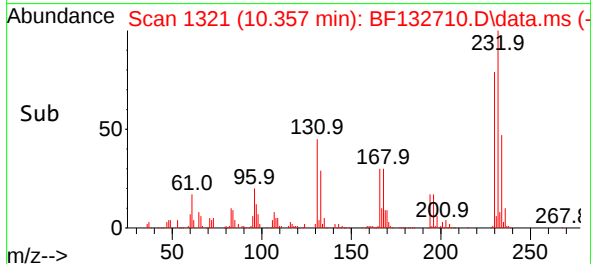
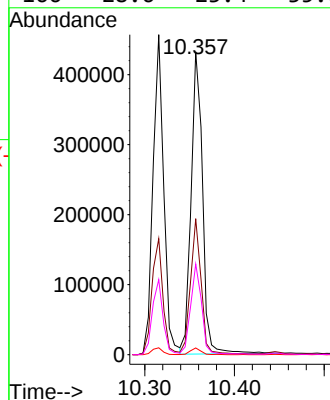
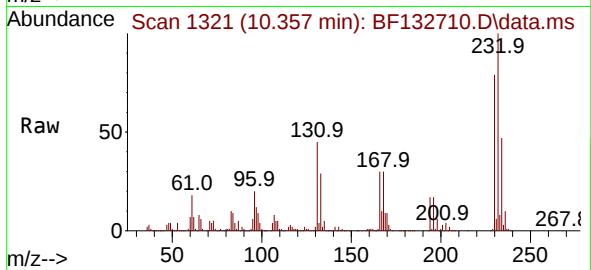




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.558 ng
RT: 10.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

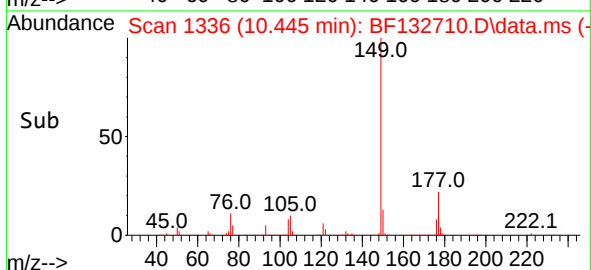
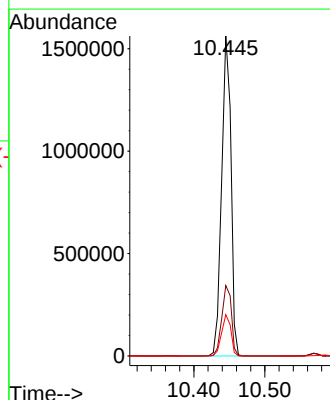
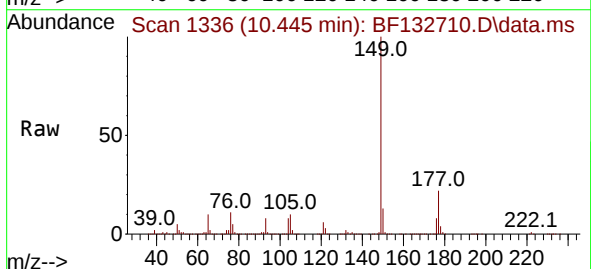
Instrument :
BNA_F
ClientSampleId :

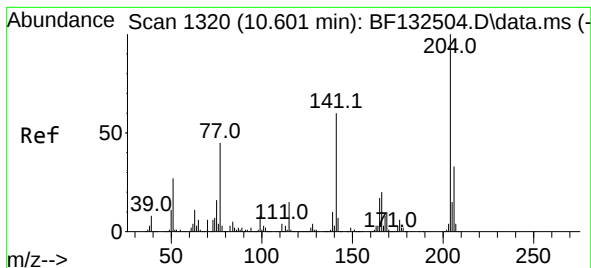
Tgt Ion:232 Resp: 382633
Ion Ratio Lower Upper
232 100
131 41.3 33.8 50.8
130 2.1 1.7 2.5
166 28.6 23.4 35.0



#60
Diethylphthalate
Concen: 40.512 ng
RT: 10.445 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:149 Resp: 1413864
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 12.9 10.2 15.2

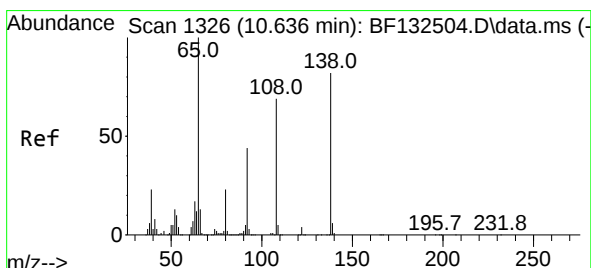
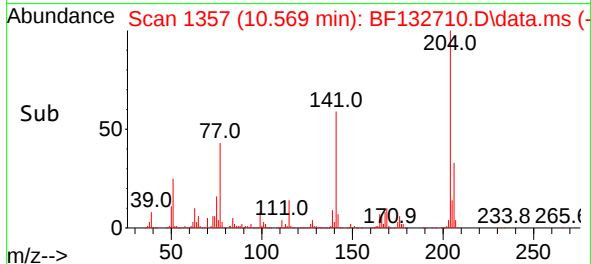
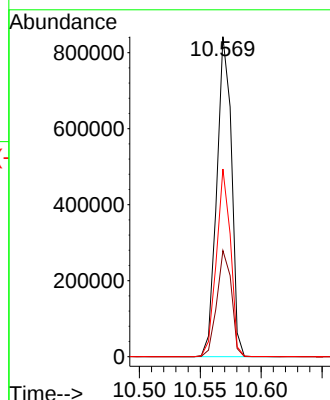
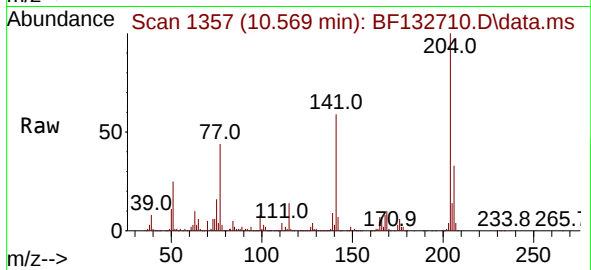




#61
4-Chlorophenyl-phenylether
Concen: 41.070 ng
RT: 10.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

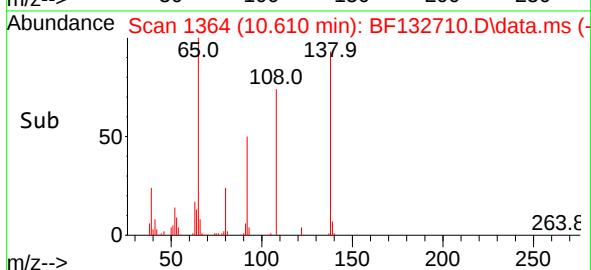
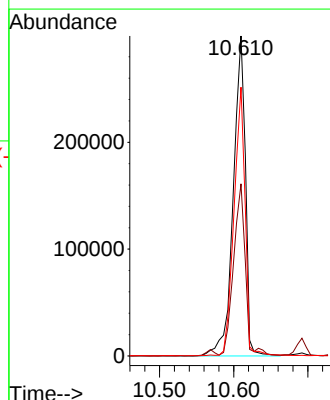
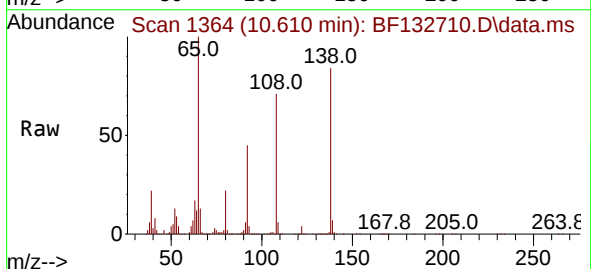
Instrument :
BNA_F
ClientSampleId :

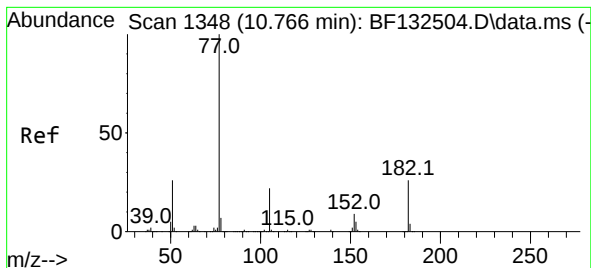
Tgt Ion:204 Resp: 707106
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 58.6 47.8 71.8



#62
4-Nitroaniline
Concen: 38.095 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:138 Resp: 340421
Ion Ratio Lower Upper
138 100
92 53.8 33.8 73.8
108 84.0 63.7 103.7





#63

Azobenzene

Concen: 38.587 ng

RT: 10.733 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1426213

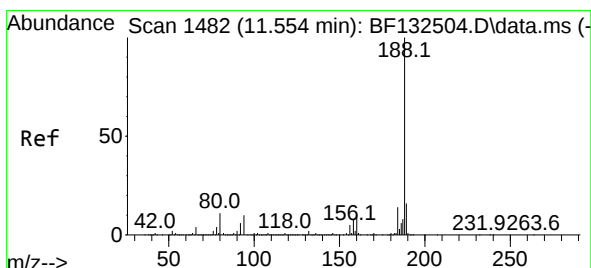
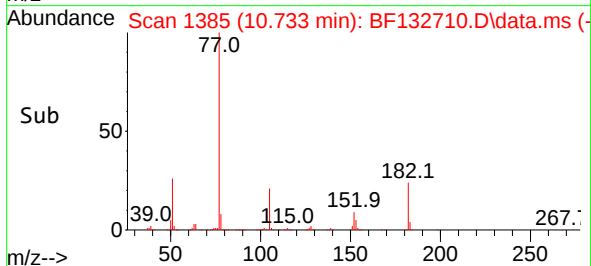
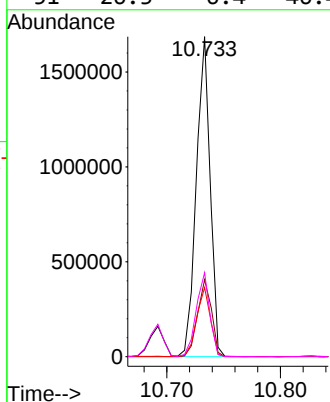
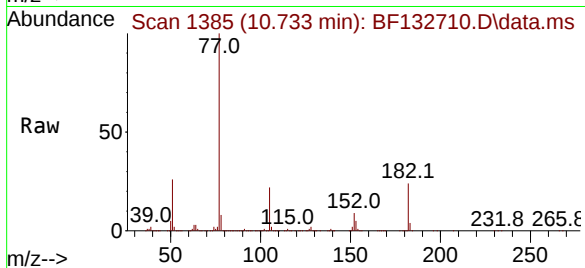
Ion Ratio Lower Upper

77 100

182 24.1 5.5 45.5

105 21.6 1.8 41.8

51 26.3 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.527 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

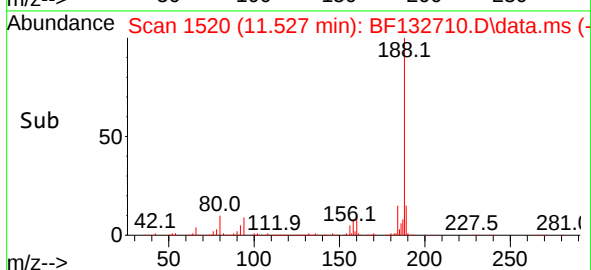
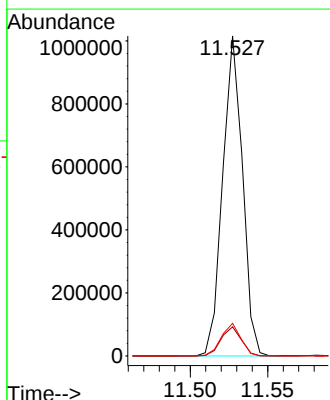
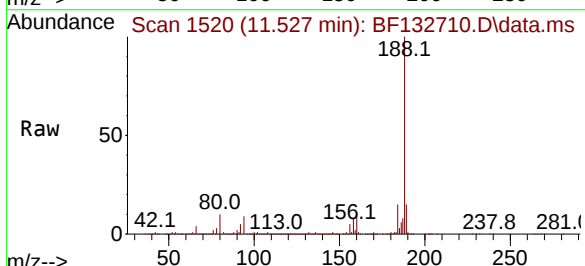
Tgt Ion:188 Resp: 902815

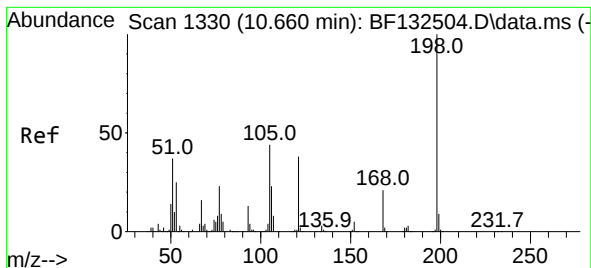
Ion Ratio Lower Upper

188 100

94 9.1 8.3 12.5

80 10.2 8.7 13.1

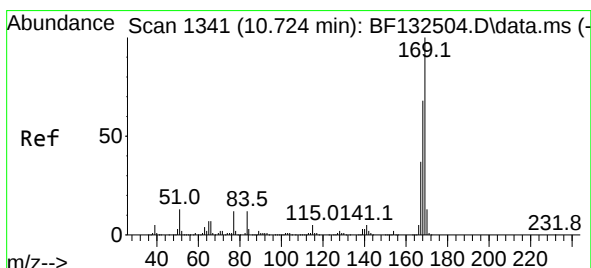
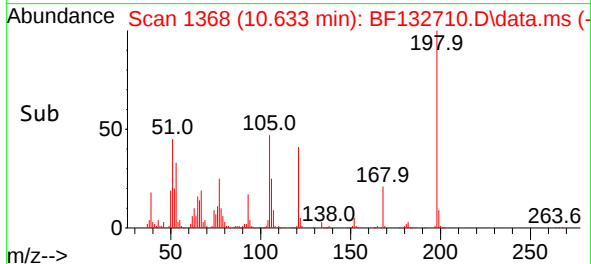
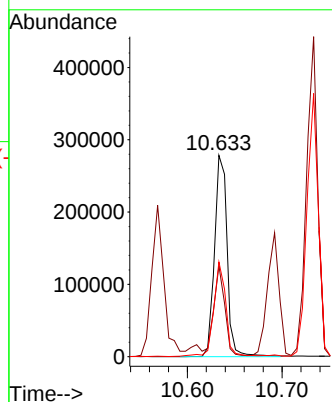
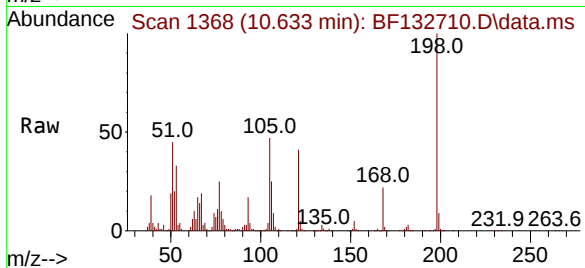




#65
4,6-Dinitro-2-methylphenol
Concen: 42.118 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

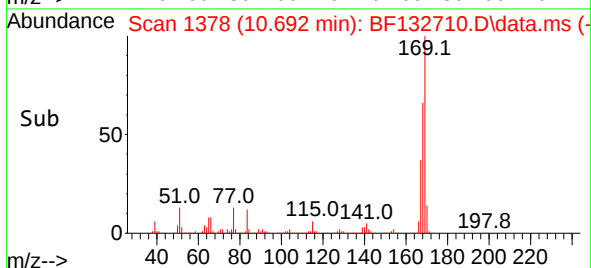
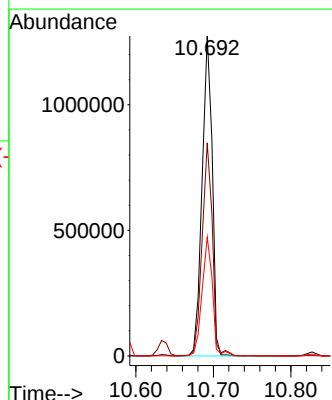
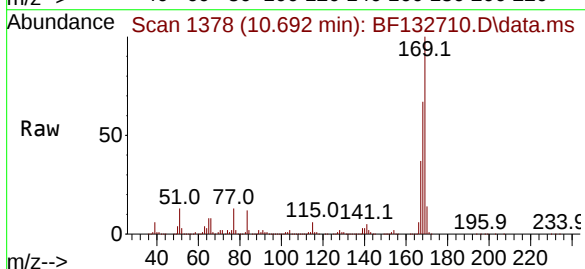
Instrument :
BNA_F
ClientSampleId :

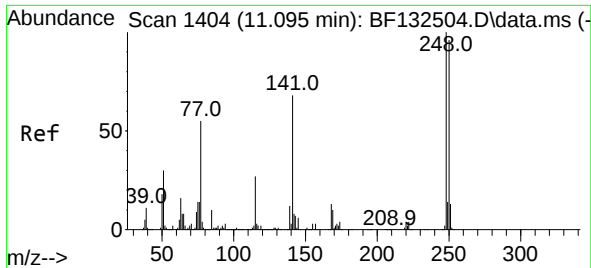
Tgt Ion:198 Resp: 257408
Ion Ratio Lower Upper
198 100
51 45.0 20.6 60.6
105 47.1 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 40.825 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:169 Resp: 1149059
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.4
167 37.1 29.6 44.4

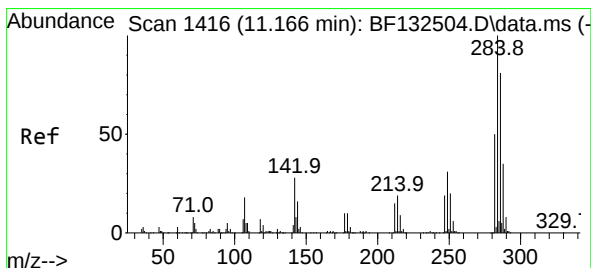
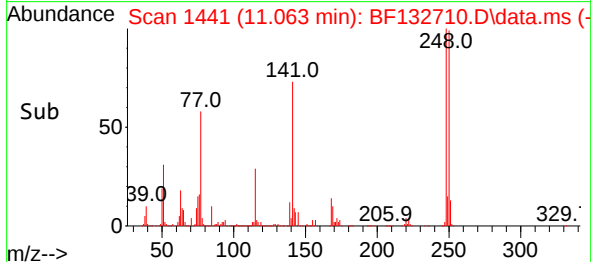
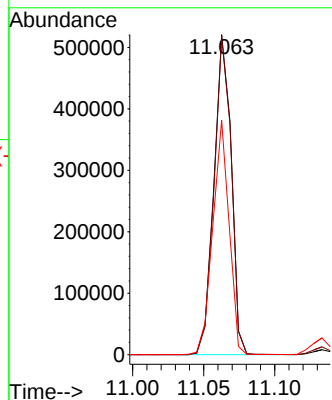
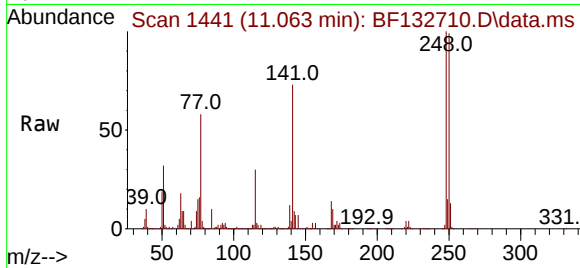




#67
4-Bromophenyl-phenylether
Concen: 43.193 ng
RT: 11.063 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

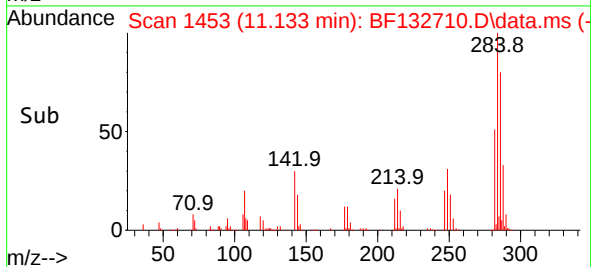
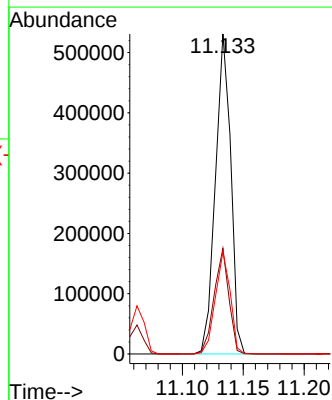
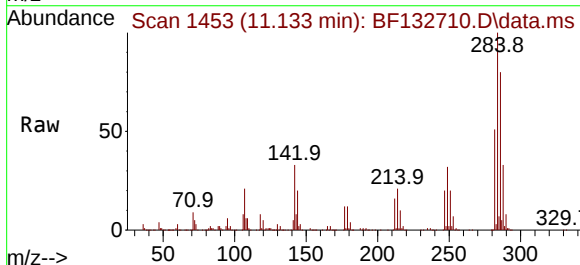
Instrument :
BNA_F
ClientSampleId :

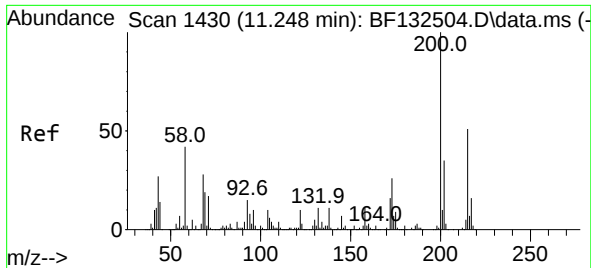
Tgt Ion:248 Resp: 441097
Ion Ratio Lower Upper
248 100
250 99.5 77.0 115.4
141 73.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 43.239 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:284 Resp: 464633
Ion Ratio Lower Upper
284 100
142 33.0 22.2 33.4
249 31.9 24.9 37.3

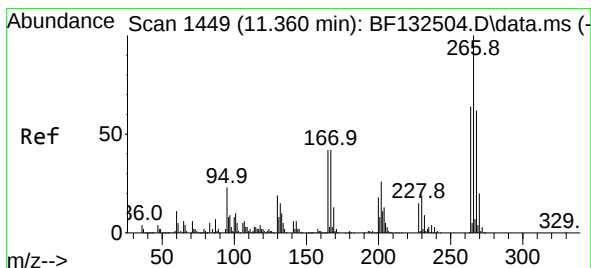
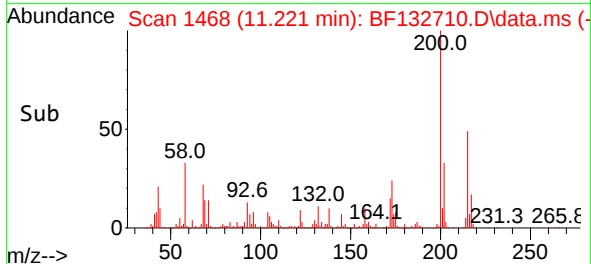
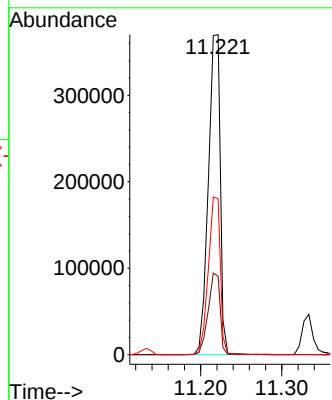
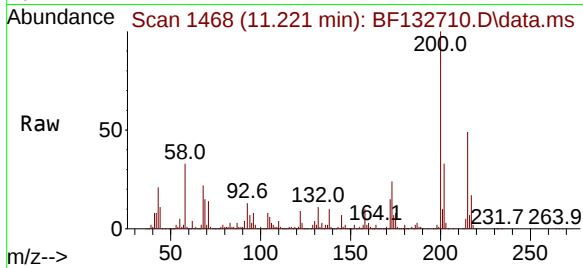




#69
 Atrazine
 Concen: 42.894 ng
 RT: 11.221 min Scan# 1468
 Delta R.T. 0.000 min
 Lab File: BF132710.D
 Acq: 09 Mar 2023 10:43

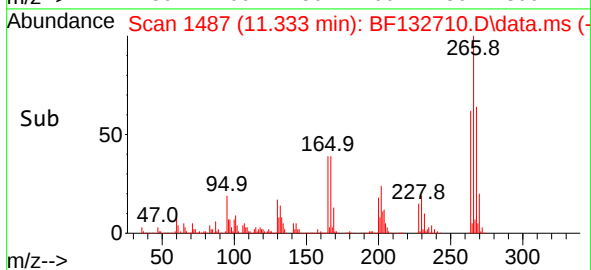
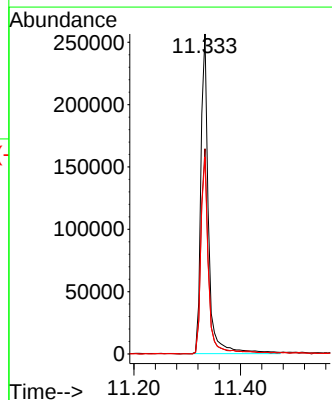
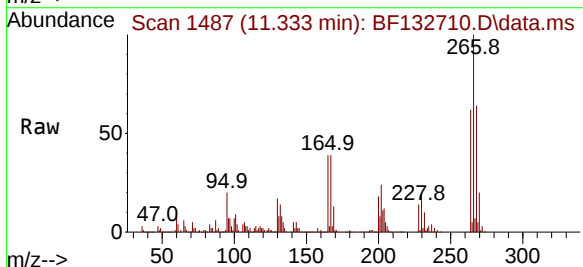
Instrument :
 BNA_F
 ClientSampleId :

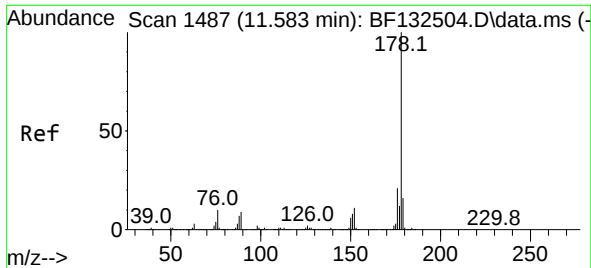
Tgt Ion:200 Resp: 376907
 Ion Ratio Lower Upper
 200 100
 173 24.5 6.4 46.4
 215 48.8 31.0 71.0



#70
 Pentachlorophenol
 Concen: 40.047 ng
 RT: 11.333 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BF132710.D
 Acq: 09 Mar 2023 10:43

Tgt Ion:266 Resp: 256035
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.8 74.6
 264 61.6 50.9 76.3

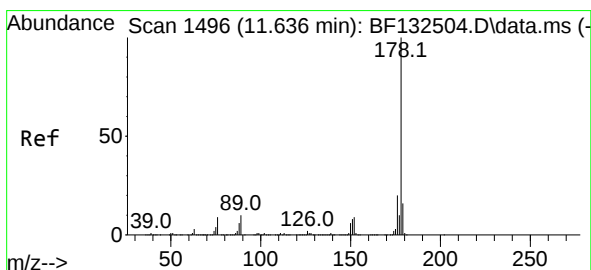
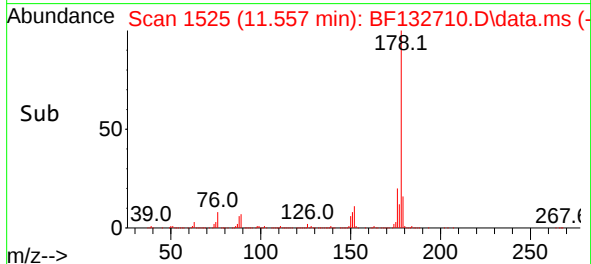
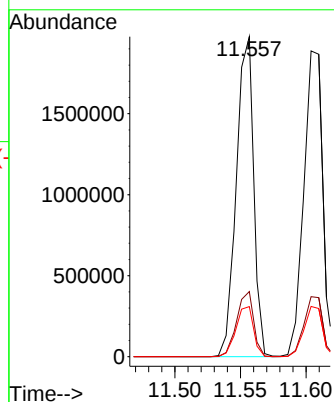
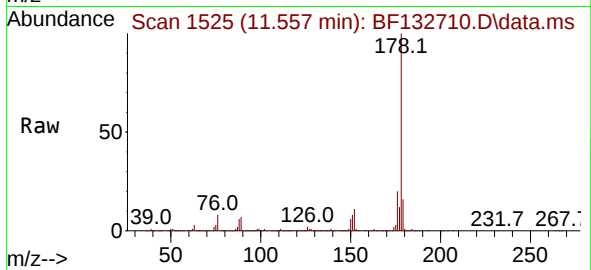




#71
Phenanthrene
Concen: 38.974 ng
RT: 11.557 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

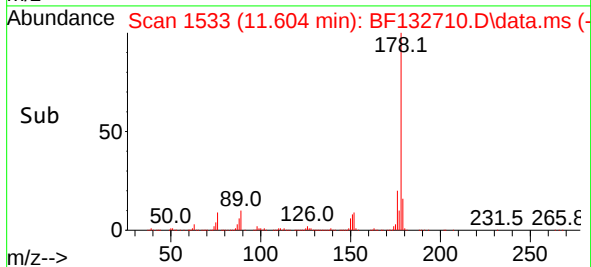
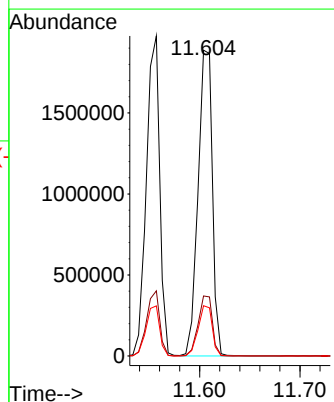
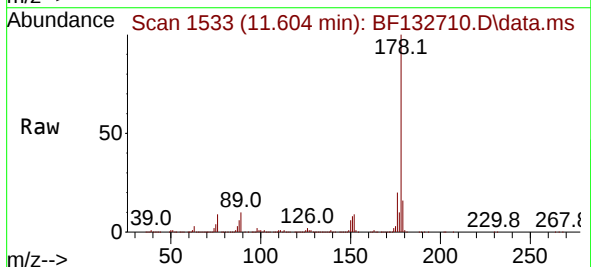
Instrument :
BNA_F
ClientSampleId :

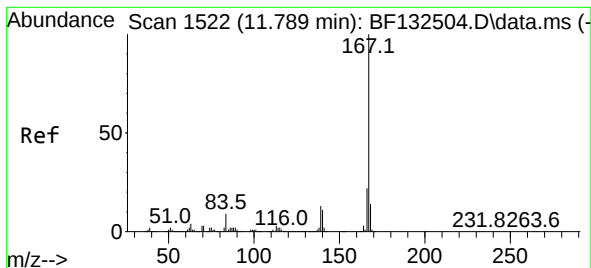
Tgt Ion:178 Resp: 1822824
Ion Ratio Lower Upper
178 100
176 20.3 16.5 24.7
179 15.7 13.0 19.6



#72
Anthracene
Concen: 39.047 ng
RT: 11.604 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:178 Resp: 1880609
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.4 12.5 18.7





#73

Carbazole

Concen: 37.875 ng

RT: 11.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

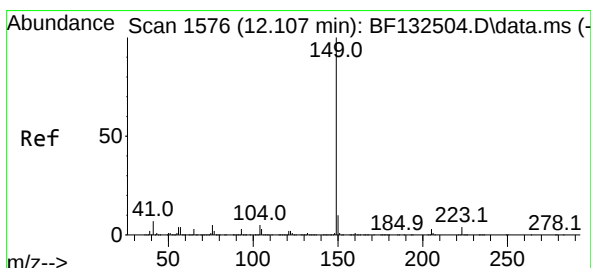
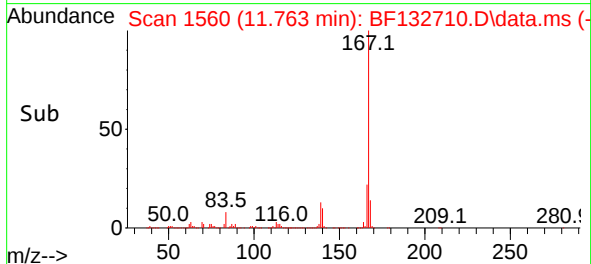
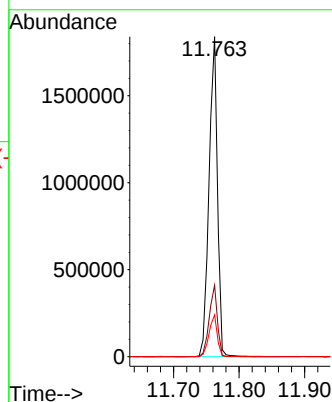
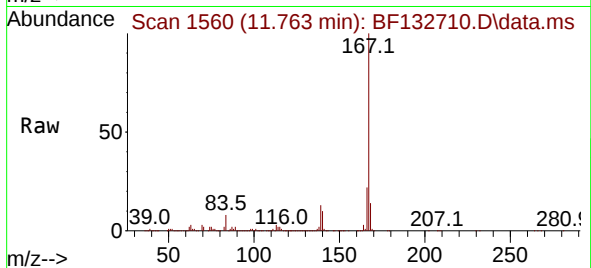
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 1644686

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	13.1	10.5	15.7



#74

Di-n-butylphthalate

Concen: 41.497 ng

RT: 12.074 min Scan# 1613

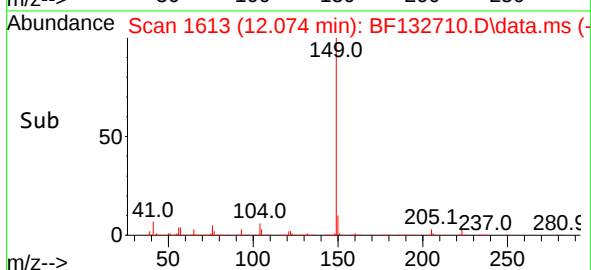
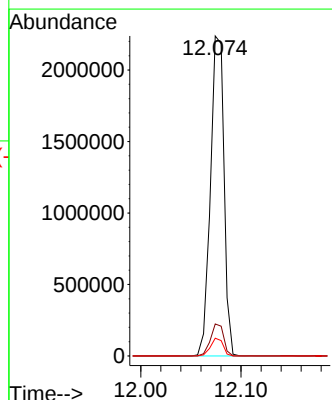
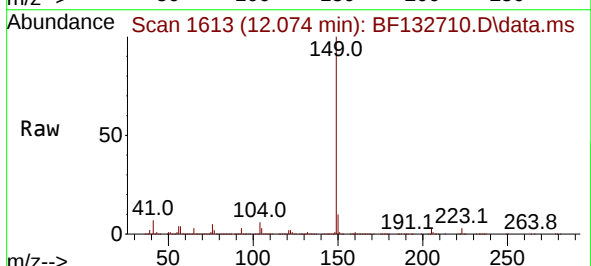
Delta R.T. 0.000 min

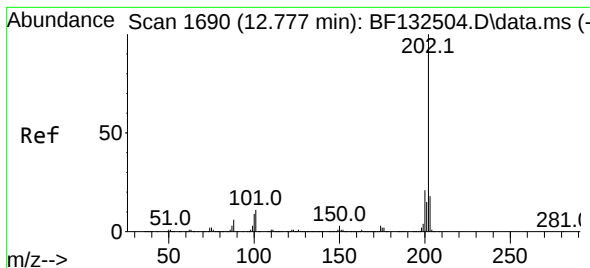
Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Tgt Ion:149 Resp: 2113730

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	5.6	4.3	6.5

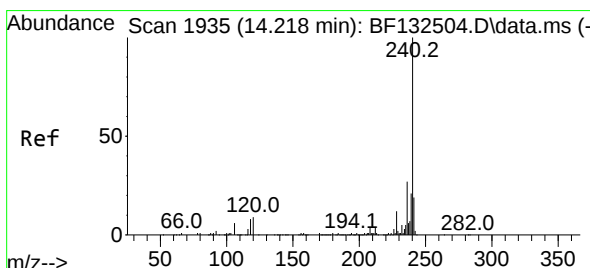
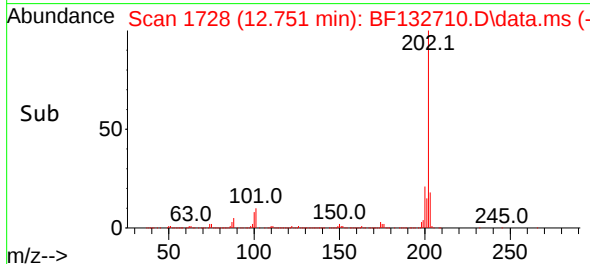
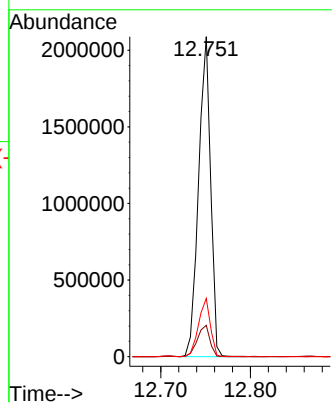
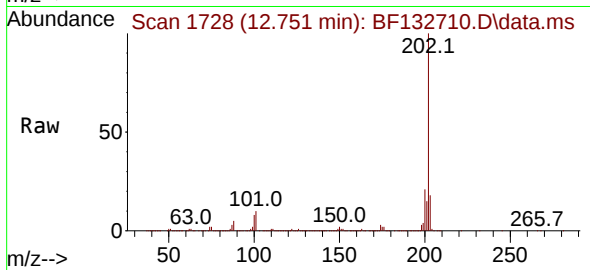




#75
Fluoranthene
Concen: 37.958 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

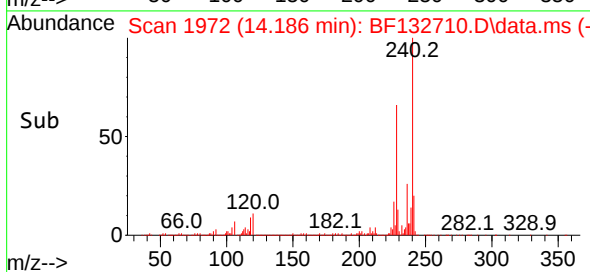
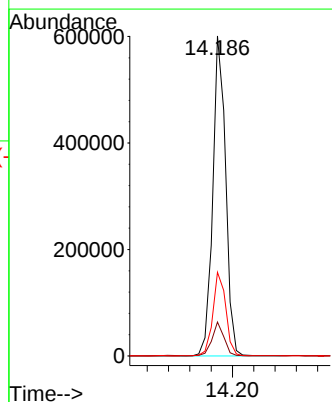
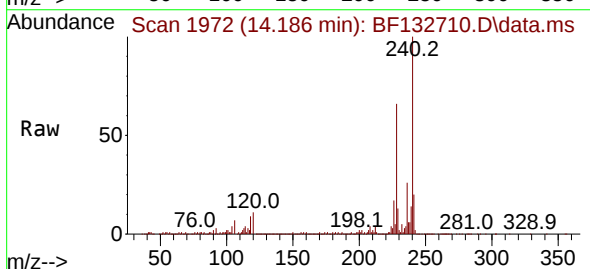
Instrument :
BNA_F
ClientSampleId :

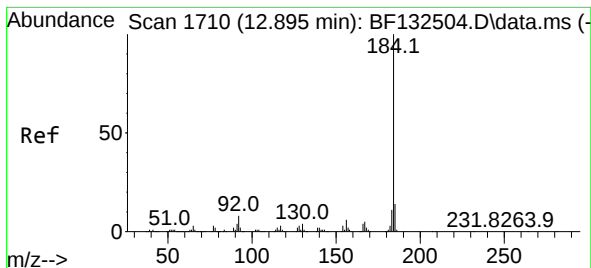
Tgt Ion:202 Resp: 1940755
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:240 Resp: 503369
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 26.2 21.8 32.6





#77

Benzidine

Concen: 45.945 ng

RT: 12.868 min Scan# 1748

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

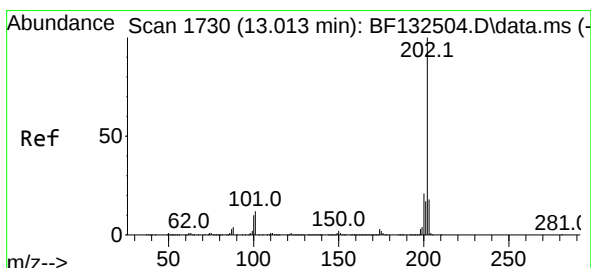
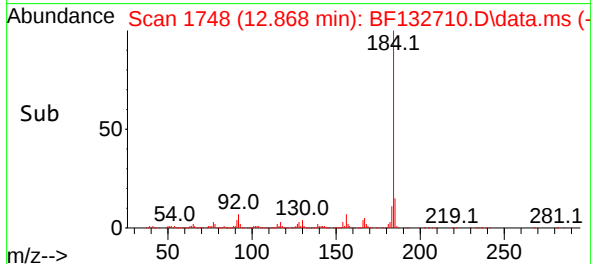
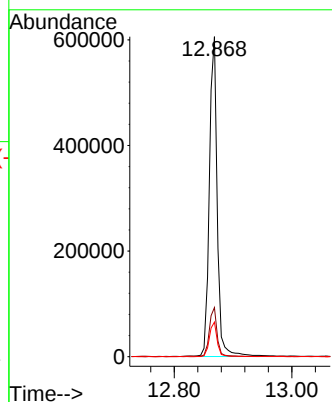
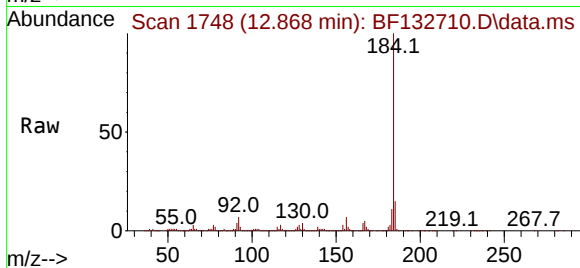
Tgt Ion:184 Resp: 562983

Ion Ratio Lower Upper

184 100

185 15.4 11.7 17.5

183 10.8 8.7 13.1



#78

Pyrene

Concen: 43.066 ng

RT: 12.980 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

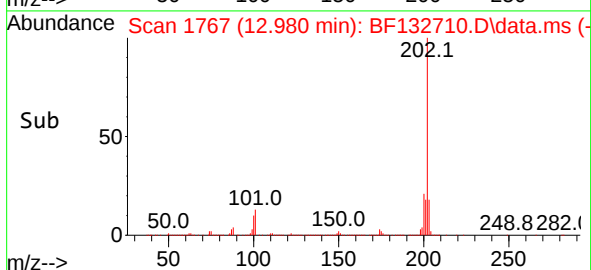
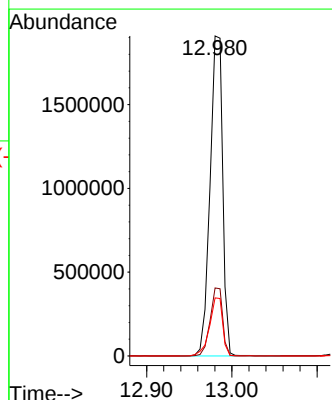
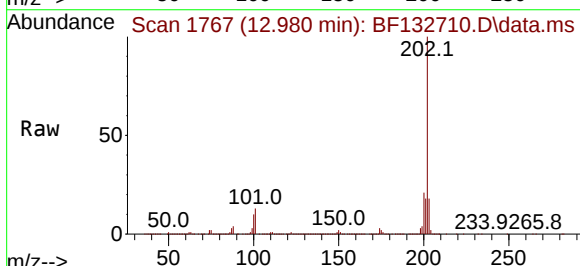
Tgt Ion:202 Resp: 1970935

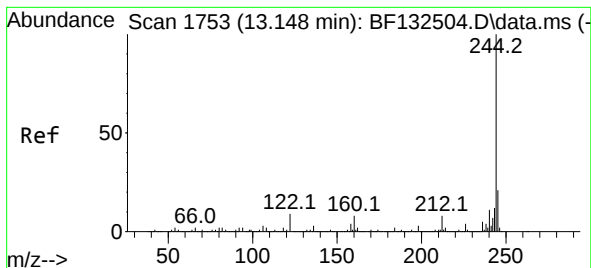
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 18.2 14.6 21.8





#79

Terphenyl-d14

Concen: 87.191 ng

RT: 13.115 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

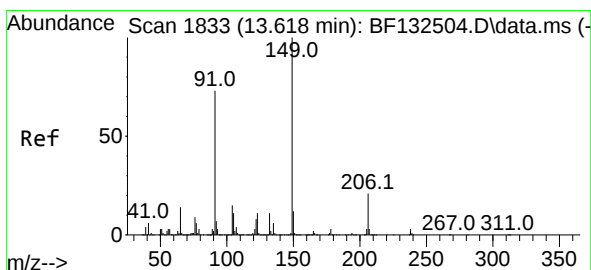
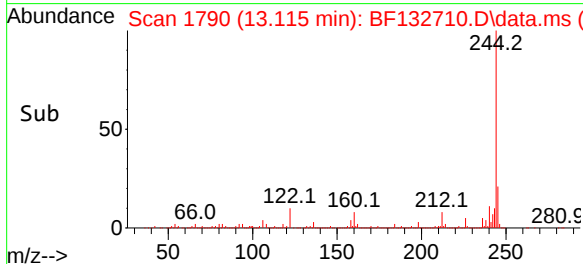
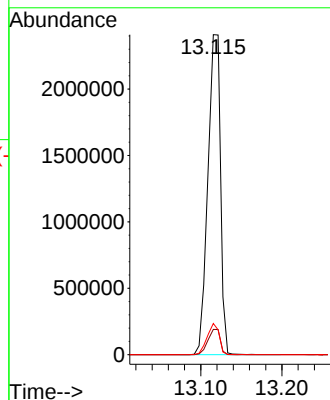
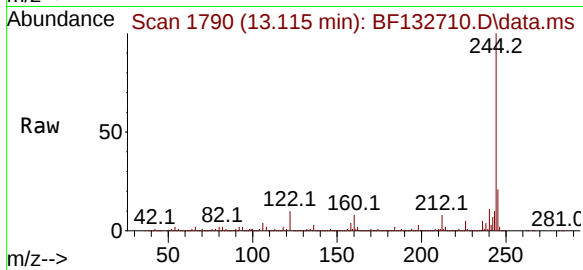
Tgt Ion:244 Resp: 2595843

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 9.8 7.5 11.3



#80

Butylbenzylphthalate

Concen: 45.471 ng

RT: 13.586 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

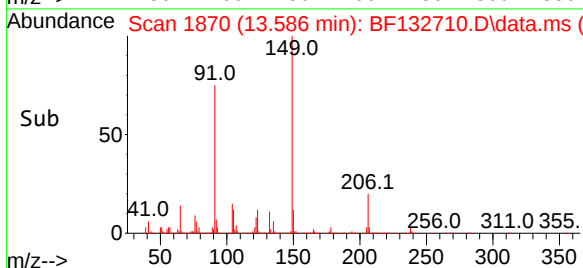
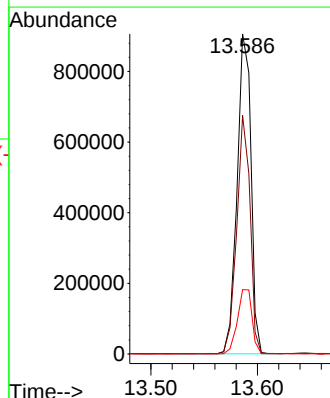
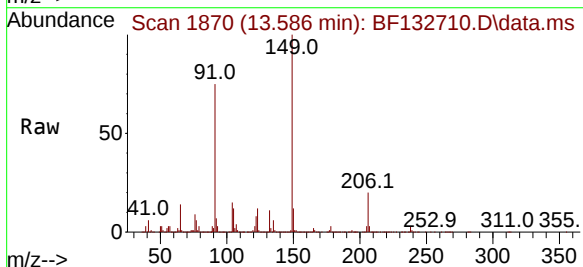
Tgt Ion:149 Resp: 821201

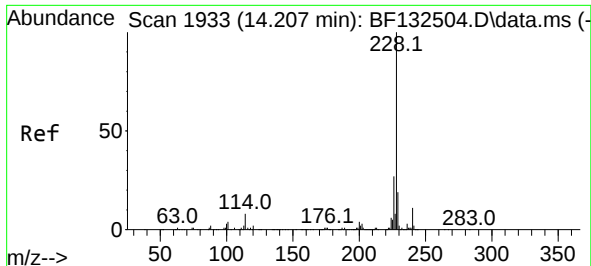
Ion Ratio Lower Upper

149 100

91 74.6 58.4 87.6

206 20.1 16.8 25.2

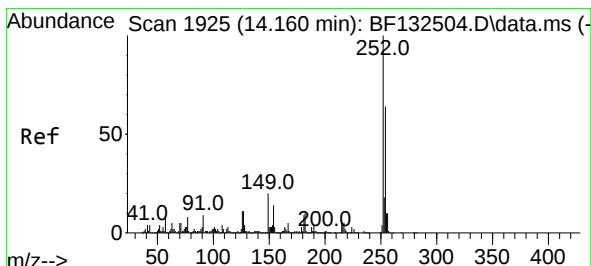
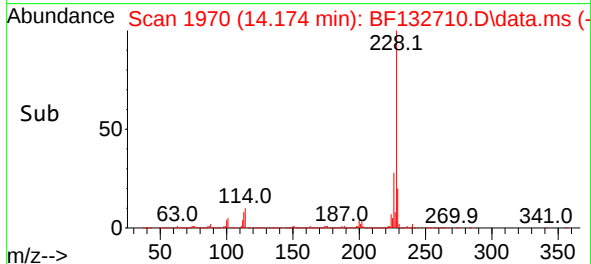
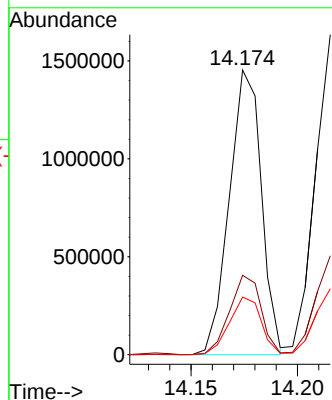
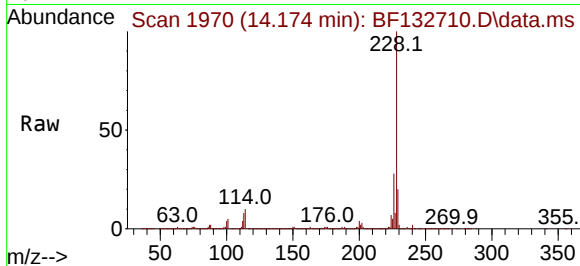




#81
Benzo(a)anthracene
Concen: 40.472 ng
RT: 14.174 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

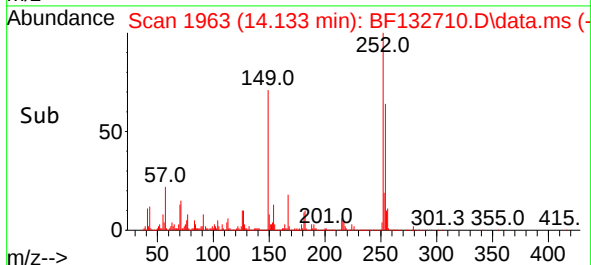
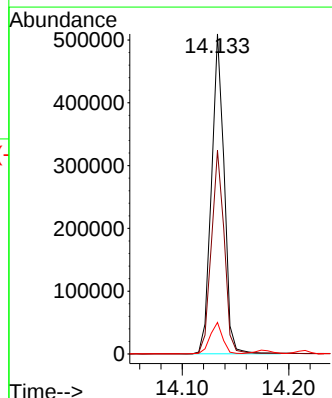
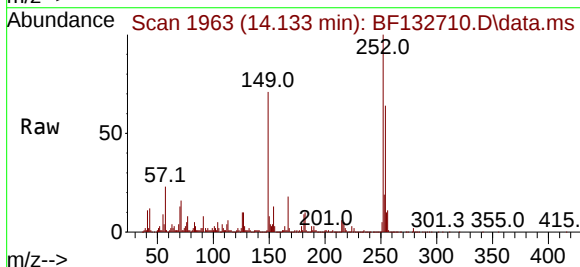
Instrument :
BNA_F
ClientSampleId :

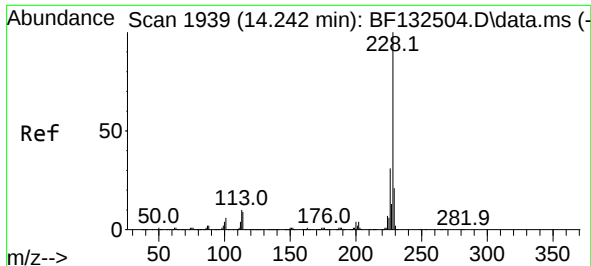
Tgt Ion:228 Resp: 1524313
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 38.088 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:252 Resp: 422923
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.2
126 9.9 8.9 13.3

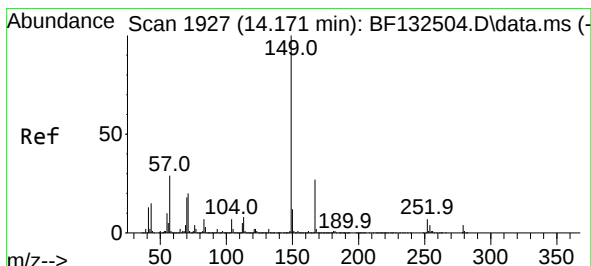
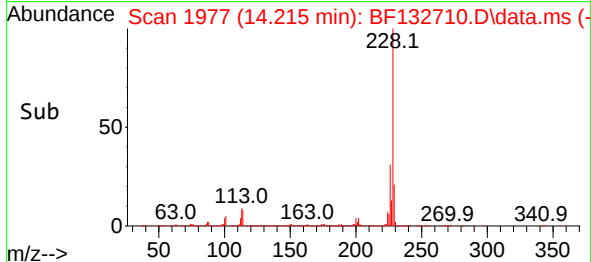
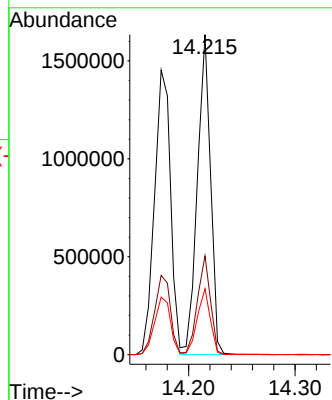
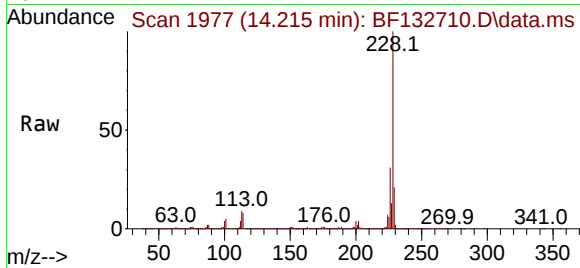




#83
Chrysene
Concen: 39.903 ng
RT: 14.215 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

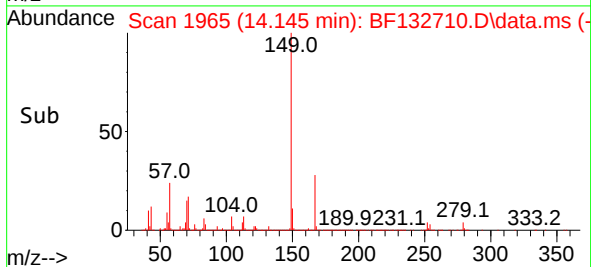
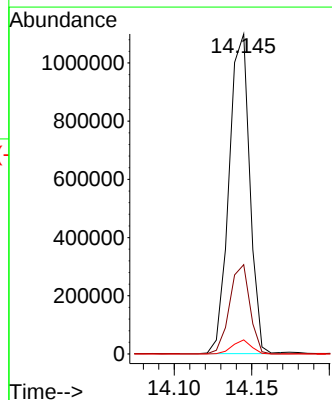
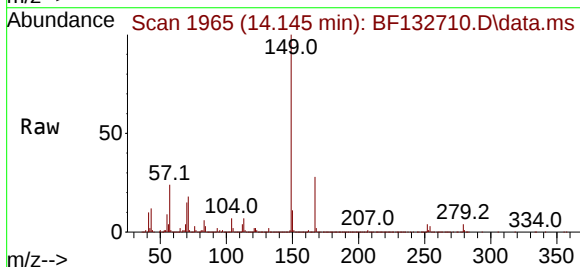
Instrument :
BNA_F
ClientSampleId :

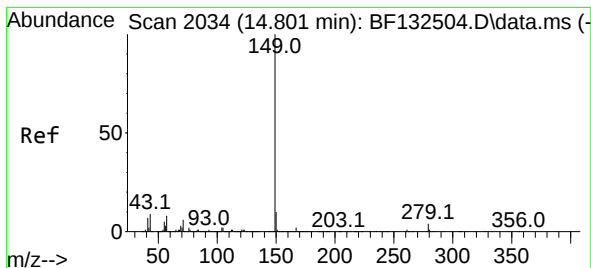
Tgt Ion:228 Resp: 1405390
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 20.6 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.022 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF132710.D
Acq: 09 Mar 2023 10:43

Tgt Ion:149 Resp: 1021019
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.6
279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.053 ng

RT: 14.768 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

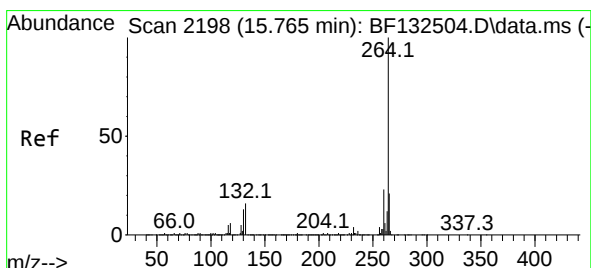
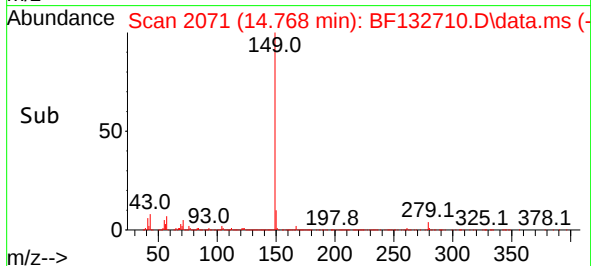
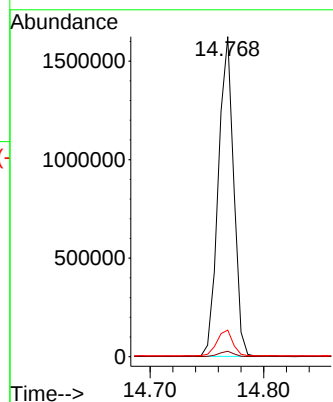
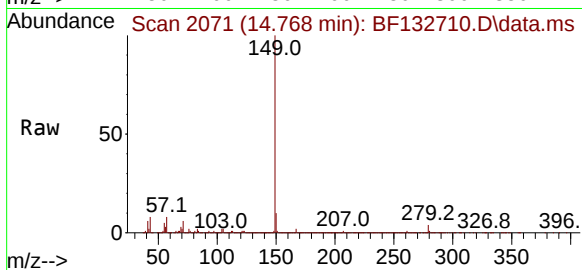
Tgt Ion:149 Resp: 1525462

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

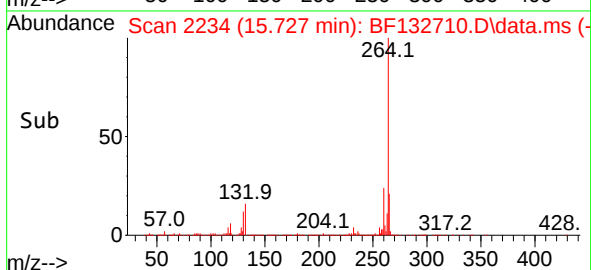
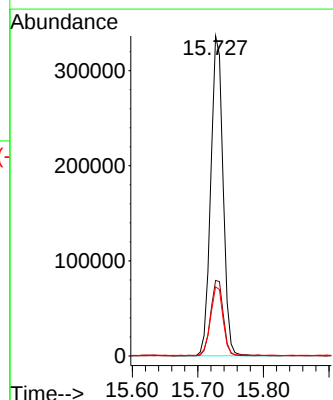
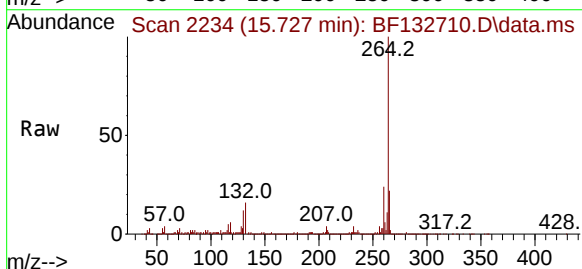
Tgt Ion:264 Resp: 438241

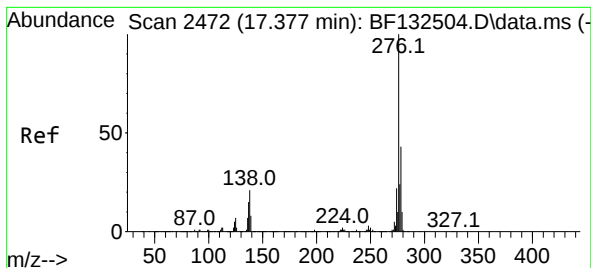
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.982 ng

RT: 17.327 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

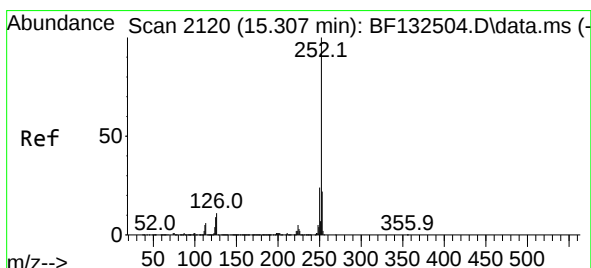
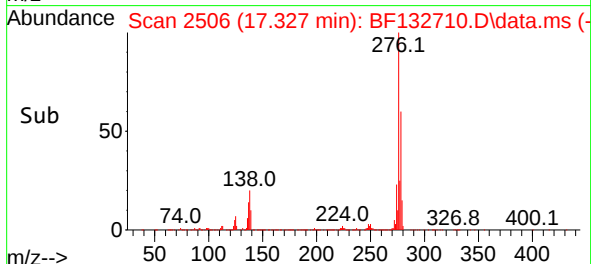
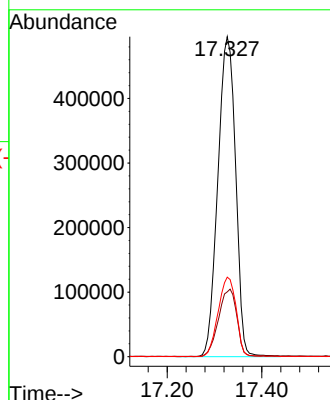
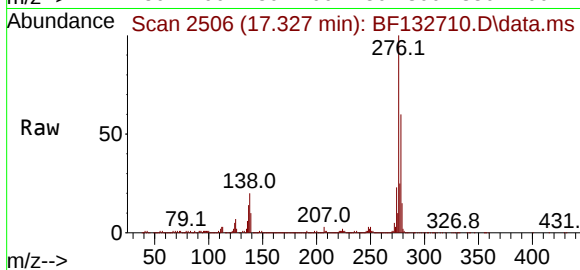
Tgt Ion:276 Resp: 1291671

Ion Ratio Lower Upper

276 100

138 21.6 19.0 28.4

277 25.1 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.315 ng

RT: 15.268 min Scan# 2156

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

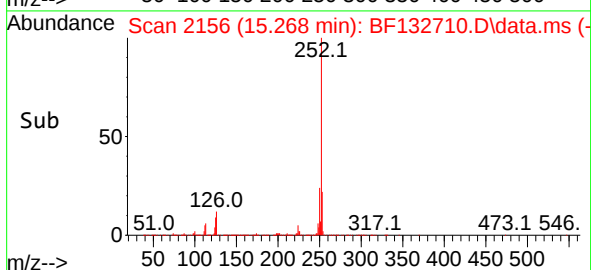
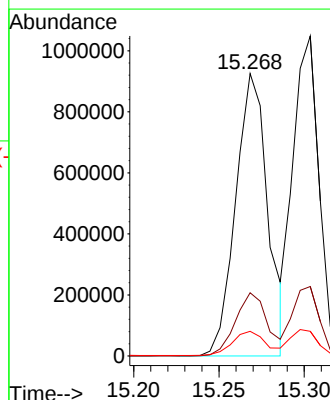
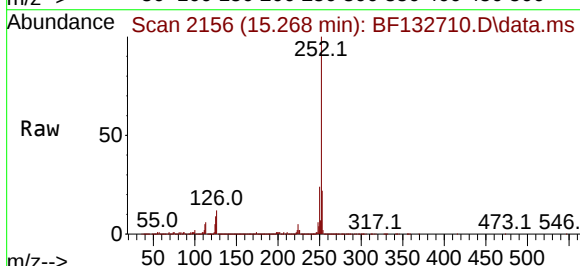
Tgt Ion:252 Resp: 1213356

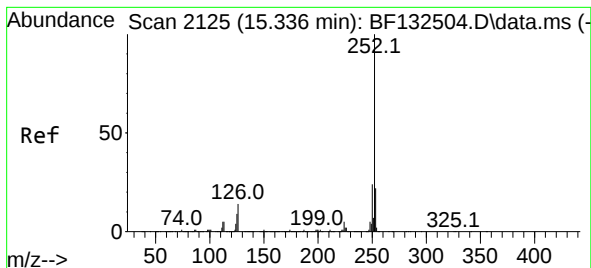
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.799 ng

RT: 15.304 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

Instrument :

BNA_F

ClientSampleId :

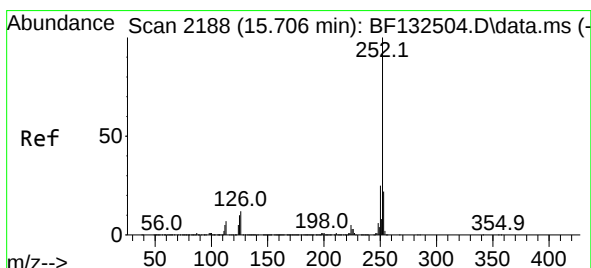
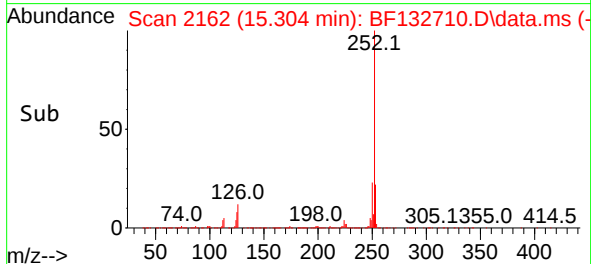
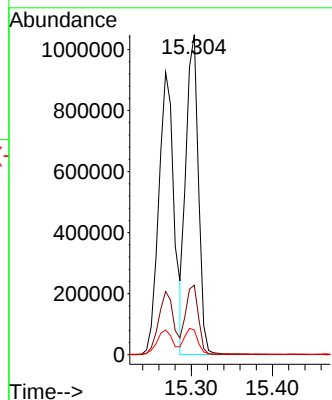
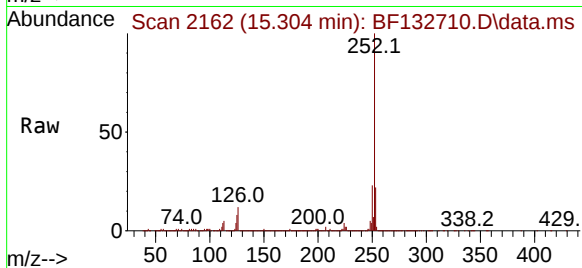
Tgt Ion:252 Resp: 1115197

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 40.673 ng

RT: 15.662 min Scan# 2223

Delta R.T. 0.000 min

Lab File: BF132710.D

Acq: 09 Mar 2023 10:43

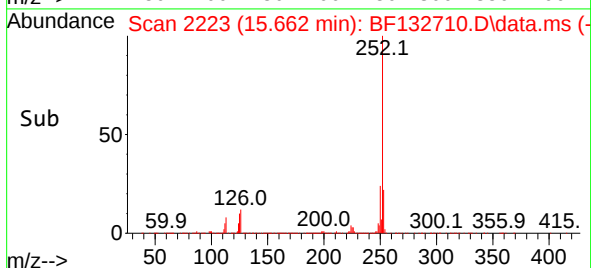
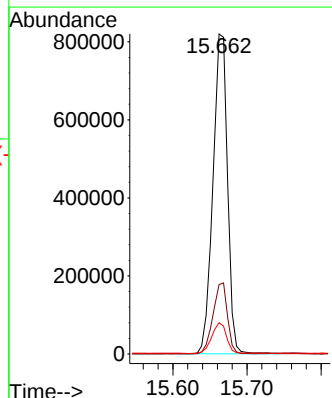
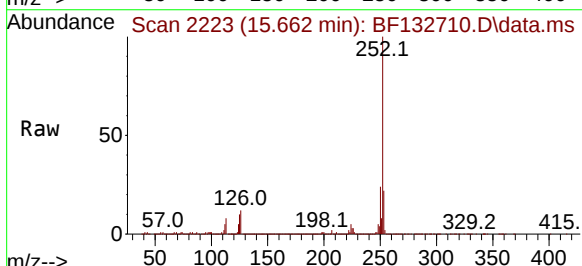
Tgt Ion:252 Resp: 1117960

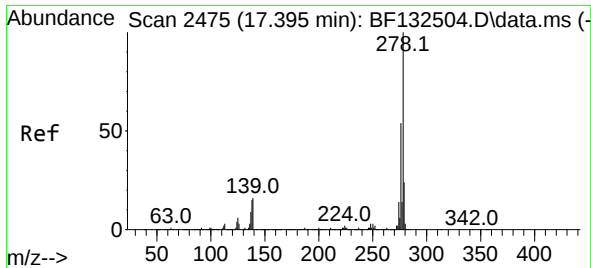
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 8.0 12.0

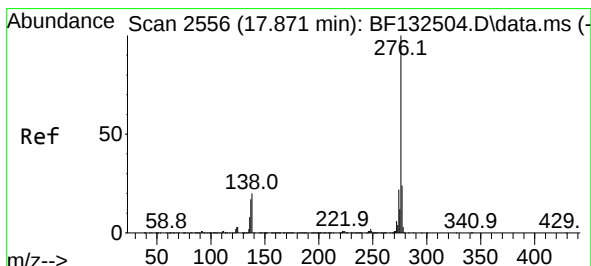
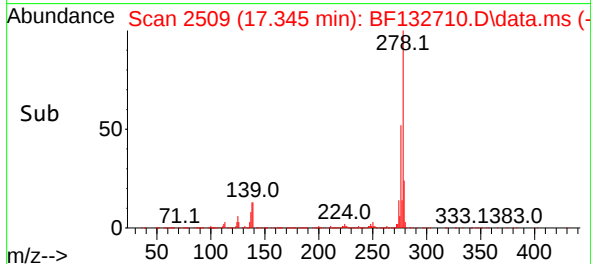
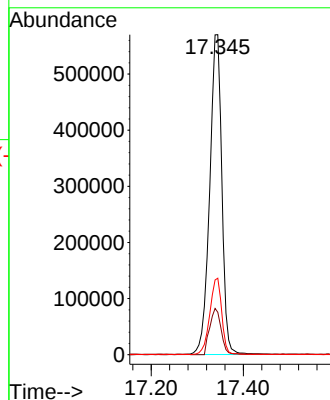
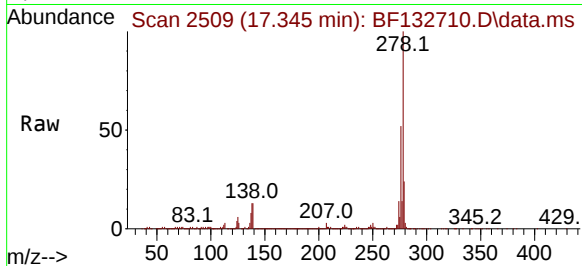




#91
 Dibenzo(a,h)anthracene
 Concen: 44.936 ng
 RT: 17.345 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132710.D
 Acq: 09 Mar 2023 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 1051346
 Ion Ratio Lower Upper
 278 100
 139 13.2 13.0 19.4
 279 23.9 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 41.288 ng
 RT: 17.815 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BF132710.D
 Acq: 09 Mar 2023 10:43

Tgt Ion:276 Resp: 1085499
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.9 28.3
 138 18.7 16.2 24.4

