

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132820.D
 Acq On : 16 Mar 2023 19:02
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 03:38:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 03:35:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	206197	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	746892	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	399199	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	743074	20.000	ng	0.00
76) Chrysene-d12	14.151	240	496765	20.000	ng	0.00
86) Perylene-d12	15.674	264	416878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	948714	77.637	ng	0.00
7) Phenol-d6	6.598	99	1218245	76.808	ng	0.00
23) Nitrobenzene-d5	7.534	82	1129392	77.383	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	325819	76.778	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1789615	73.642	ng	0.00
79) Terphenyl-d14	13.086	244	2045737	74.361	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	258721	37.566	ng	99
3) Pyridine	3.575	79	713063	42.072	ng	97
4) n-Nitrosodimethylamine	3.546	42	254199	40.399	ng	99
6) Aniline	6.628	93	771771	42.360	ng	98
8) 2-Chlorophenol	6.751	128	517800	39.710	ng	99
9) Benzaldehyde	6.516	77	225763	34.589	ng	97
10) Phenol	6.610	94	724070	40.185	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	649221	38.960	ng	98
12) 1,3-Dichlorobenzene	6.904	146	554647	39.246	ng	99
13) 1,4-Dichlorobenzene	6.981	146	551989	39.133	ng	99
14) 1,2-Dichlorobenzene	7.134	146	496710	38.593	ng	100
15) Benzyl Alcohol	7.104	79	402622	43.889	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	647342	39.926	ng	99
17) 2-Methylphenol	7.216	107	470772	39.728	ng	99
18) Hexachloroethane	7.475	117	214321	39.705	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	338027	37.352	ng	98
20) 3+4-Methylphenols	7.369	107	518863	36.365	ng	97
22) Acetophenone	7.375	105	647846	36.328	ng	99
24) Nitrobenzene	7.551	77	609276	38.613	ng	100
25) Isophorone	7.787	82	1117204	38.939	ng	99
26) 2-Nitrophenol	7.863	139	297320	40.453	ng	96
27) 2,4-Dimethylphenol	7.898	122	446574	39.218	ng	98
28) bis(2-Chloroethoxy)met...	7.987	93	678657	39.381	ng	99
29) 2,4-Dichlorophenol	8.110	162	465489	39.485	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	486237	38.561	ng	99
31) Naphthalene	8.269	128	1428215	38.117	ng	99
32) Benzoic acid	8.028	122	249617	38.209	ng	97
33) 4-Chloroaniline	8.322	127	457017	27.977	ng	98
34) Hexachlorobutadiene	8.375	225	307740	38.466	ng	99
35) Caprolactam	8.698	113	130421	36.084	ng	96
36) 4-Chloro-3-methylphenol	8.804	107	484386	40.399	ng	98
37) 2-Methylnaphthalene	8.957	142	965334	38.417	ng	99
38) 1-Methylnaphthalene	9.057	142	914667	38.661	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	516238	39.421	ng	99
41) Hexachlorocyclopentadiene	9.110	237	226229	38.262	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	338624	39.713	ng	99

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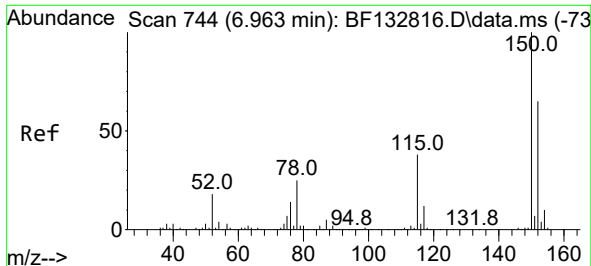
Quant Time: Mar 17 03:38:16 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	402630	40.557	ng	99
46) 1,1'-Biphenyl	9.422	154	1126635	38.042	ng	98
47) 2-Chloronaphthalene	9.451	162	907855	38.714	ng	99
48) 2-Nitroaniline	9.551	65	307578	39.939	ng	99
49) Acenaphthylene	9.869	152	1421733	39.452	ng	100
50) Dimethylphthalate	9.722	163	1124071	39.274	ng	100
51) 2,6-Dinitrotoluene	9.792	165	253777	40.100	ng	99
52) Acenaphthene	10.039	154	822851	37.933	ng	99
53) 3-Nitroaniline	9.969	138	287283	40.608	ng	99
54) 2,4-Dinitrophenol	10.075	184	111684	36.198	ng	100
55) Dibenzofuran	10.216	168	1294900	38.834	ng	97
56) 4-Nitrophenol	10.134	139	186143	44.132	ng	97
57) 2,4-Dinitrotoluene	10.198	165	326679	40.410	ng	98
58) Fluorene	10.557	166	999369	37.690	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.334	232	291242	40.479	ng	99
60) Diethylphthalate	10.422	149	1060424	39.096	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	530398	38.107	ng	99
62) 4-Nitroaniline	10.586	138	234478	37.905	ng	90
63) Azobenzene	10.704	77	1077462	38.855	ng	99
65) 4,6-Dinitro-2-methylph...	10.610	198	195840	43.002	ng	99
66) n-Nitrosodiphenylamine	10.663	169	876659	38.174	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	338111	39.357	ng	100
68) Hexachlorobenzene	11.104	284	355585	39.085	ng	97
69) Atrazine	11.192	200	274616	41.524	ng	96
70) Pentachlorophenol	11.304	266	166296	43.081	ng	98
71) Phenanthrene	11.522	178	1425151	38.103	ng	100
72) Anthracene	11.575	178	1491205	38.920	ng	100
73) Carbazole	11.733	167	1325546	38.532	ng	99
74) Di-n-butylphthalate	12.045	149	1596270	38.948	ng	99
75) Fluoranthene	12.716	202	1586840	38.985	ng	99
77) Benzidine	12.863	184	118117	38.180	ng	96
78) Pyrene	12.951	202	1614011	39.093	ng	100
80) Butylbenzylphthalate	13.551	149	677544	40.114	ng	99
81) Benzo(a)anthracene	14.139	228	1416148	39.384	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	352800	37.798	ng	99
83) Chrysene	14.180	228	1321241	38.885	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	847185	39.888	ng	99
85) Di-n-octyl phthalate	14.727	149	1328183	39.918	ng	100
87) Indeno(1,2,3-cd)pyrene	17.251	276	1081032	41.368	ng	99
88) Benzo(b)fluoranthene	15.221	252	1121938	41.259	ng	99
89) Benzo(k)fluoranthene	15.257	252	1065281	40.087	ng	99
90) Benzo(a)pyrene	15.616	252	1023828	40.387	ng	100
91) Dibenzo(a,h)anthracene	17.262	278	888094	41.644	ng	100
92) Benzo(g,h,i)perylene	17.733	276	937744	42.084	ng	98

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

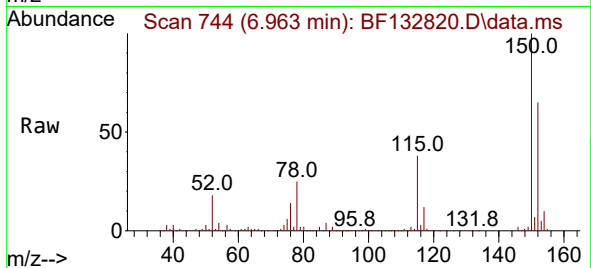
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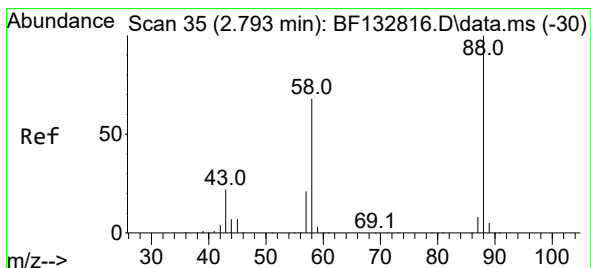
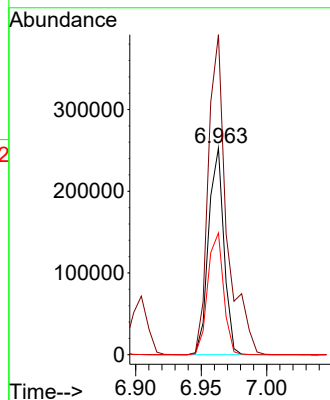
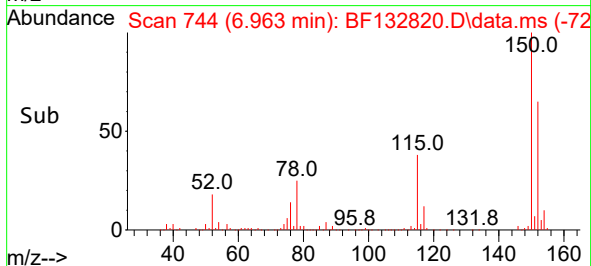


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Instrument :
 BNA_F
 ClientSampleId :

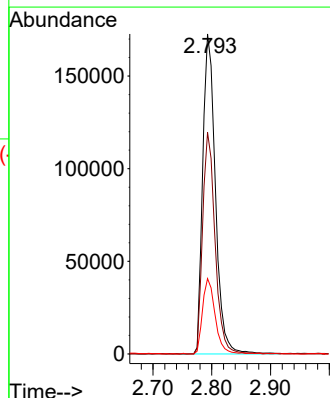
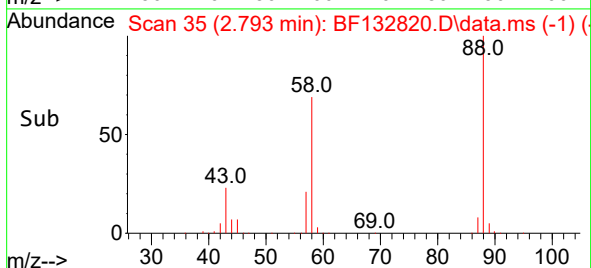
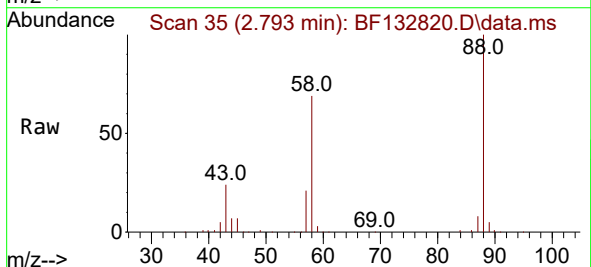


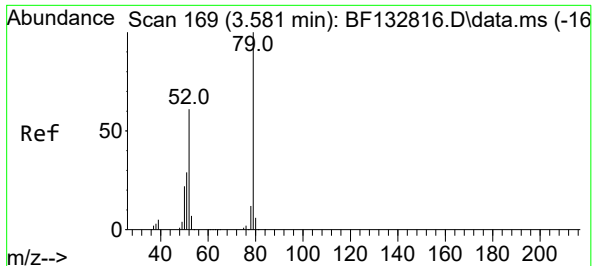
Tgt Ion:152 Resp: 206197
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.7 184.1
 115 58.9 46.2 69.4



#2
 1,4-Dioxane
 Concen: 37.566 ng
 RT: 2.793 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

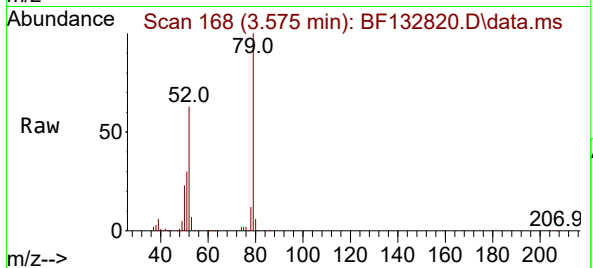
Tgt Ion: 88 Resp: 258721
 Ion Ratio Lower Upper
 88 100
 58 67.9 53.8 80.8
 43 23.6 18.2 27.4



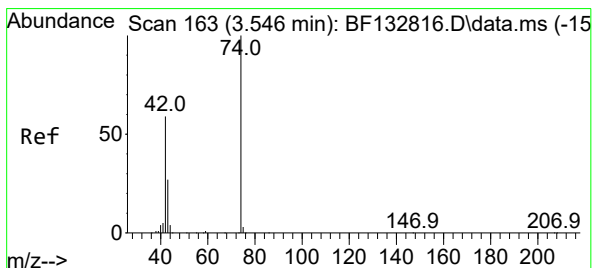
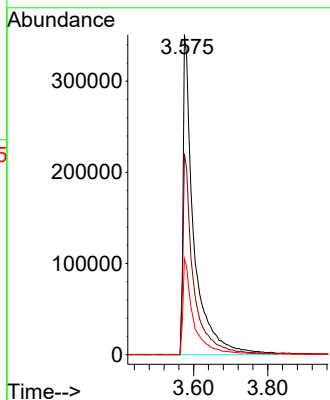
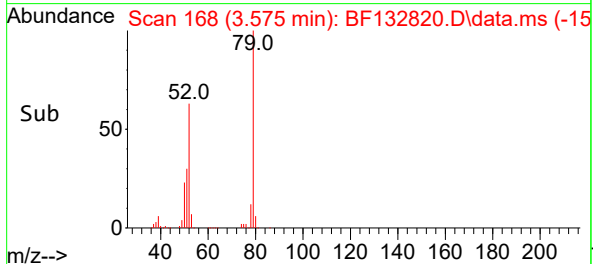


#3
Pyridine
Concen: 42.072 ng
RT: 3.575 min Scan# 169
Delta R.T. -0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

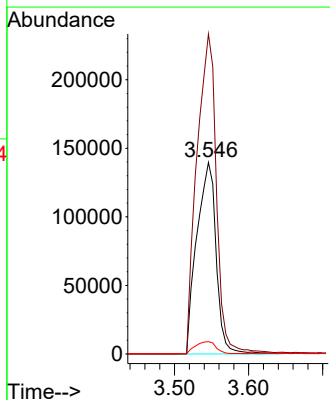
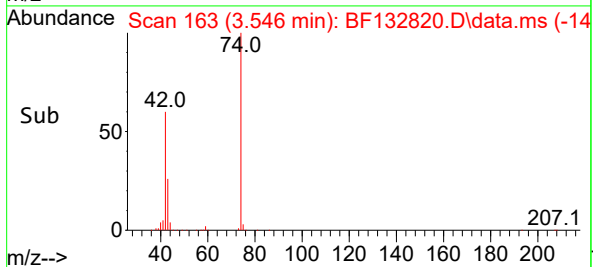
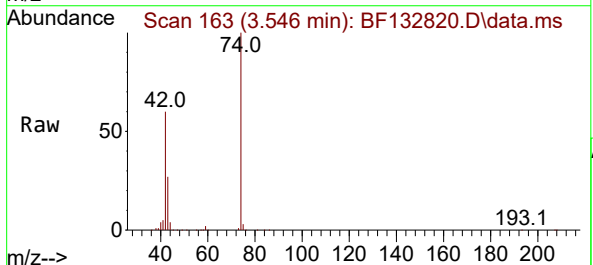


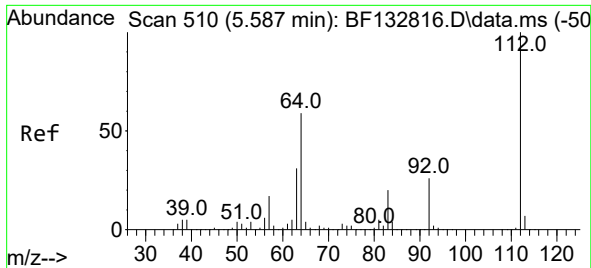
Tgt Ion: 79 Resp: 713063
Ion Ratio Lower Upper
79 100
52 62.8 48.5 72.7
51 29.9 23.1 34.7



#4
n-Nitrosodimethylamine
Concen: 40.399 ng
RT: 3.546 min Scan# 163
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion: 42 Resp: 254199
Ion Ratio Lower Upper
42 100
74 167.1 135.2 202.8
44 6.5 6.0 9.0

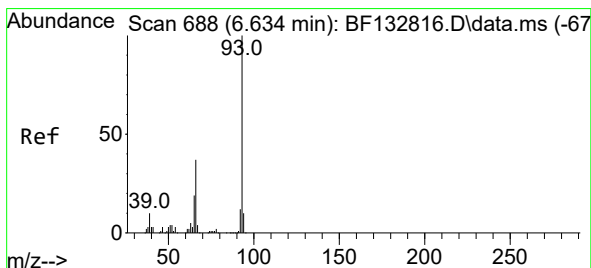
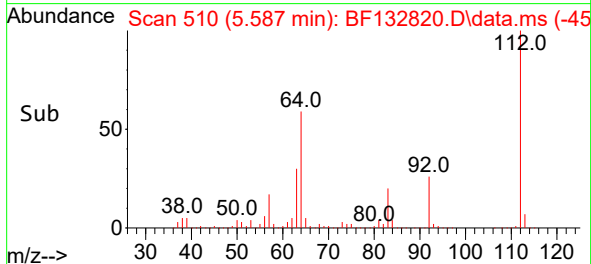
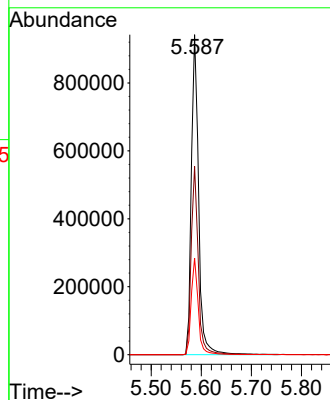
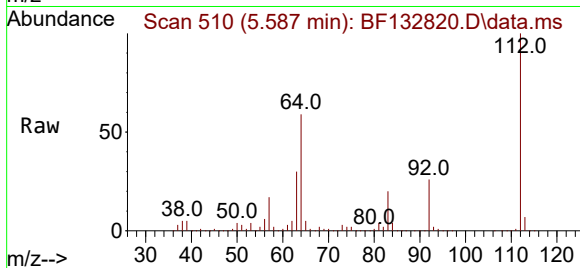




#5
2-Fluorophenol
Concen: 77.637 ng
RT: 5.587 min Scan# 510
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

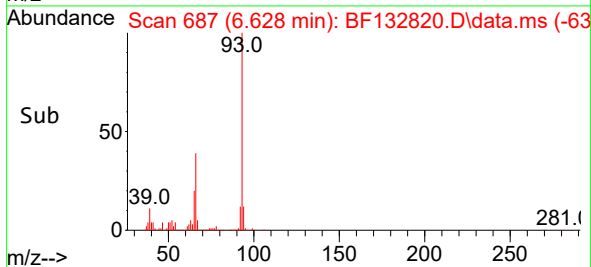
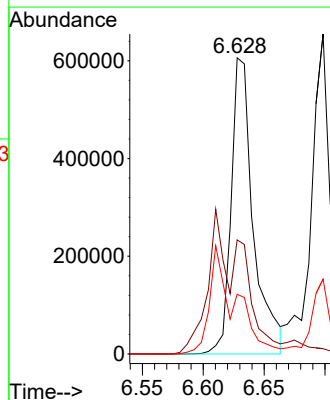
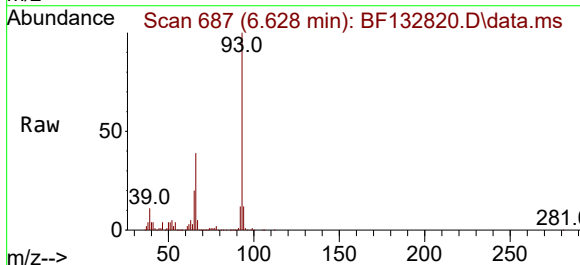
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BNA_F
ClientSampleId :

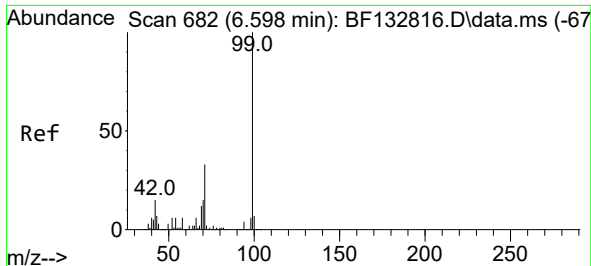
Tgt Ion:112 Resp: 948714
Ion Ratio Lower Upper
112 100
64 58.8 47.1 70.7
63 30.2 24.4 36.6



#6
Aniline
Concen: 42.360 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

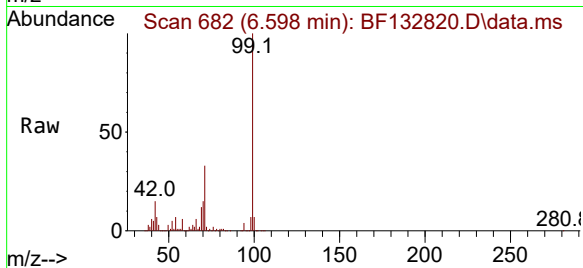
Tgt Ion: 93 Resp: 771771
Ion Ratio Lower Upper
93 100
66 38.5 30.1 45.1
65 20.2 15.0 22.6





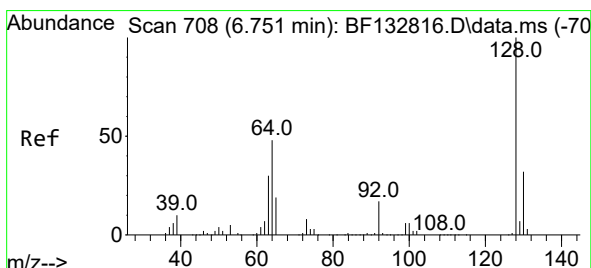
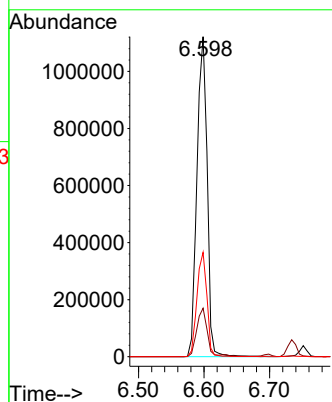
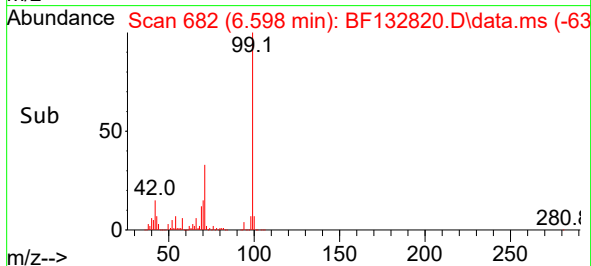
#7
Phenol-d6
Concen: 76.808 ng
RT: 6.598 min Scan# 682
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

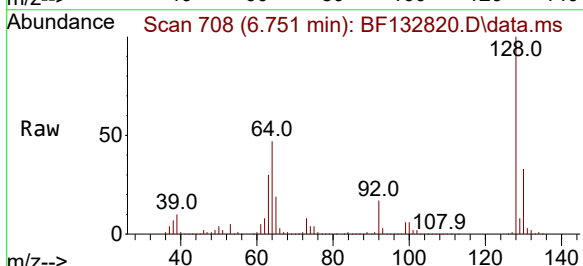


Tgt Ion: 99 Resp: 1218245

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.9	17.9
71	32.6	26.3	39.5

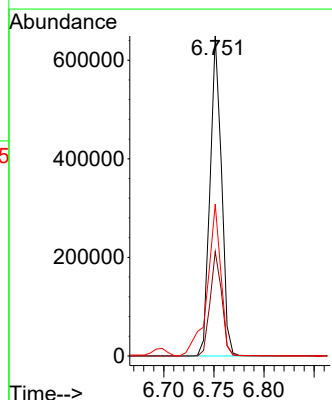
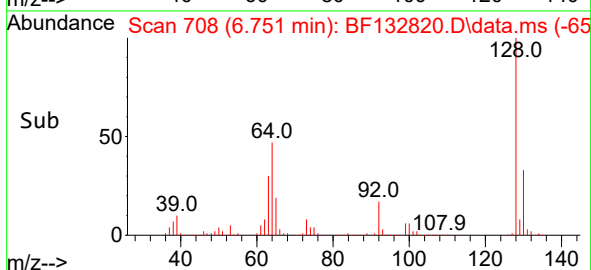


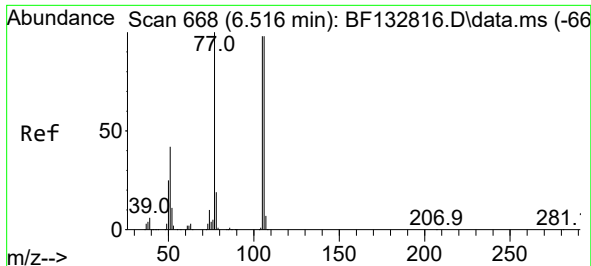
#8
2-Chlorophenol
Concen: 39.710 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02



Tgt Ion: 128 Resp: 517800

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.4	52.4
64	47.4	28.4	68.4

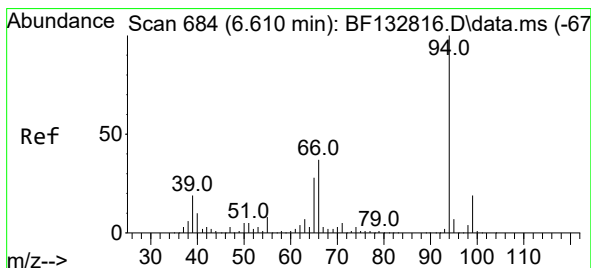
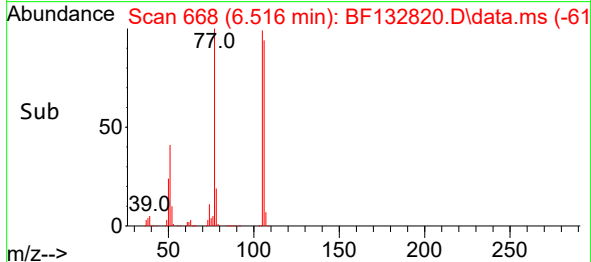
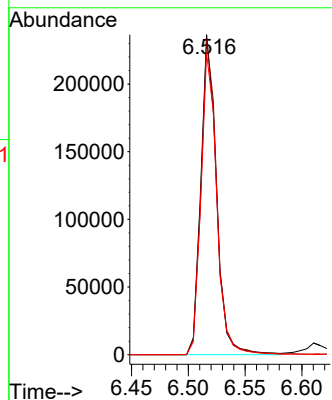
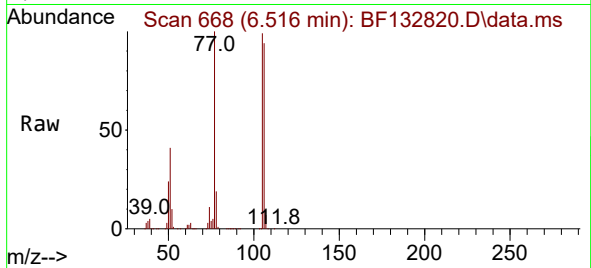




#9
Benzaldehyde
Concen: 34.589 ng
RT: 6.516 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

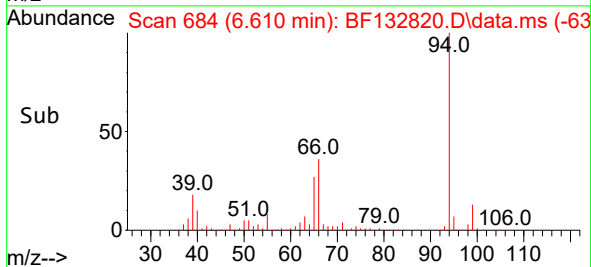
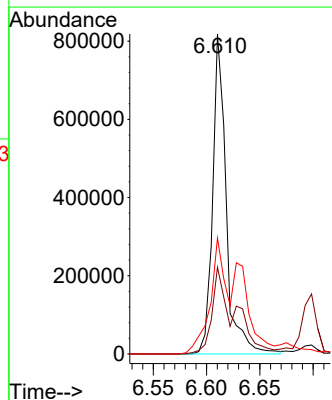
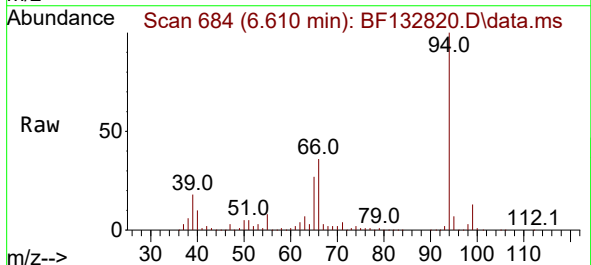
Instrument :
BNA_F
ClientSampleId :

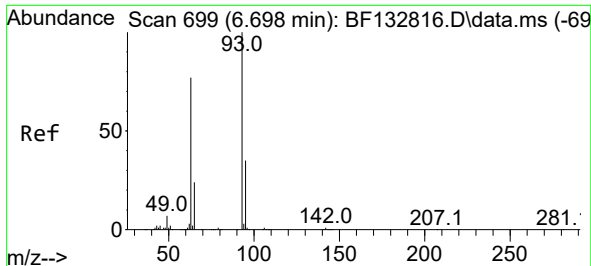
Tgt Ion: 77 Resp: 225763
Ion Ratio Lower Upper
77 100
105 98.7 77.5 117.5
106 94.3 78.5 118.5



#10
Phenol
Concen: 40.185 ng
RT: 6.610 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion: 94 Resp: 724070
Ion Ratio Lower Upper
94 100
65 27.1 7.7 47.7
66 36.2 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 38.960 ng

RT: 6.698 min Scan# 699

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

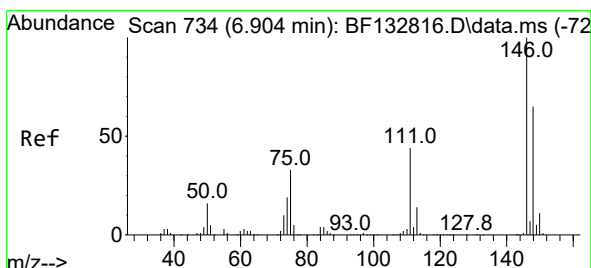
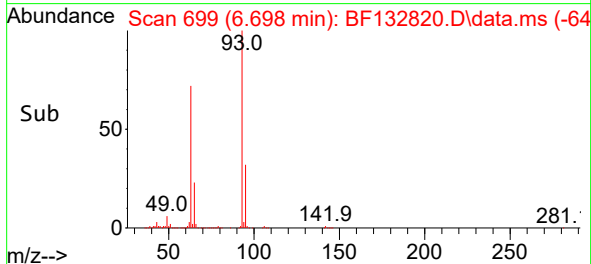
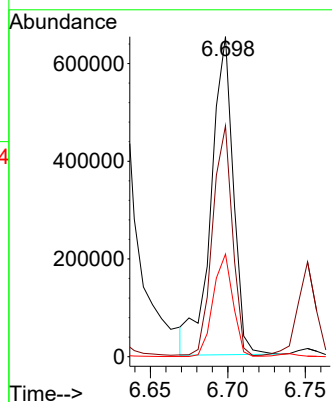
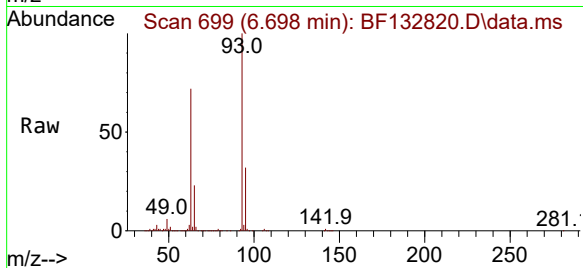
Tgt Ion: 93 Resp: 649221

Ion Ratio Lower Upper

93 100

63 72.1 50.5 90.5

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.246 ng

RT: 6.904 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

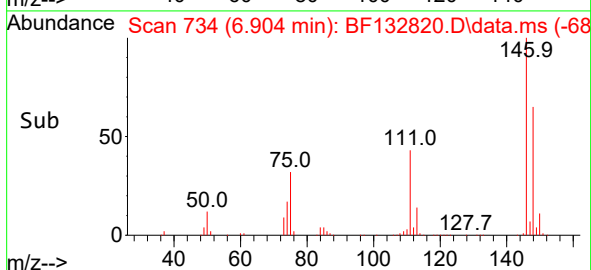
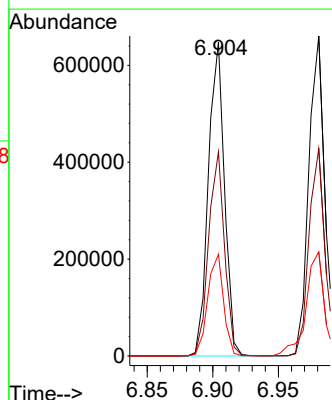
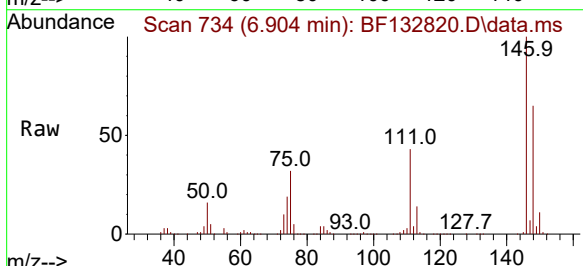
Tgt Ion: 146 Resp: 554647

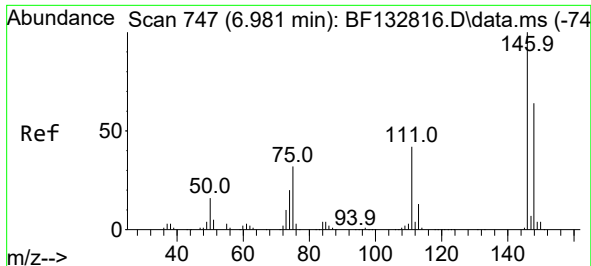
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 32.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 39.133 ng

RT: 6.981 min Scan# 747

Delta R.T. 0.000 min

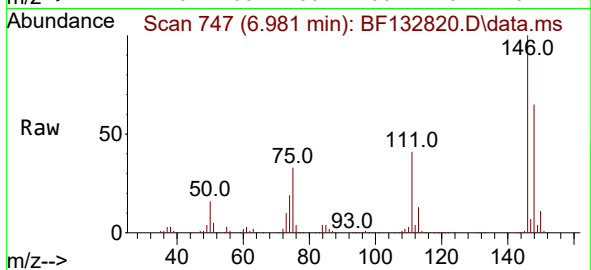
Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :



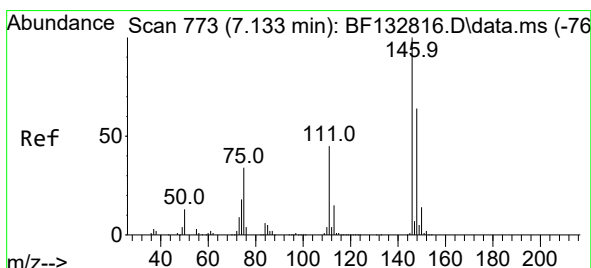
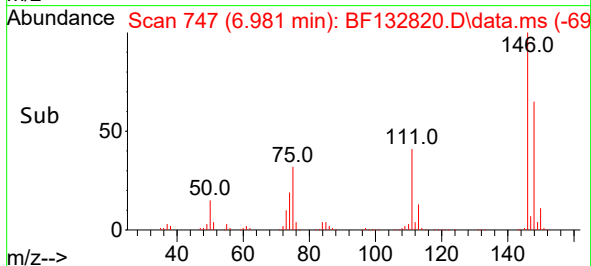
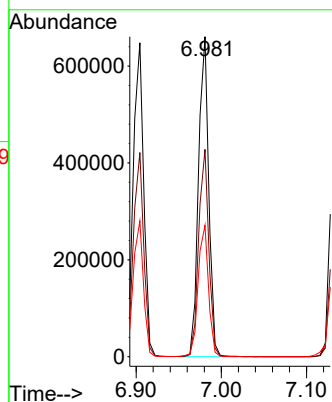
Tgt Ion:146 Resp: 551989

Ion Ratio Lower Upper

146 100

148 64.8 51.2 76.8

111 41.1 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 38.593 ng

RT: 7.134 min Scan# 773

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

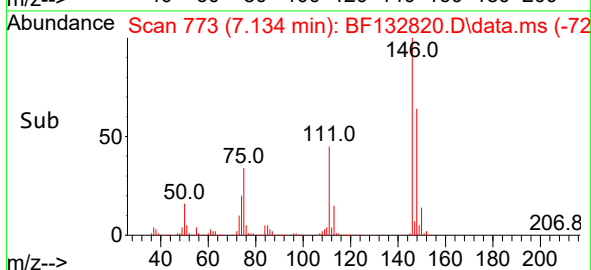
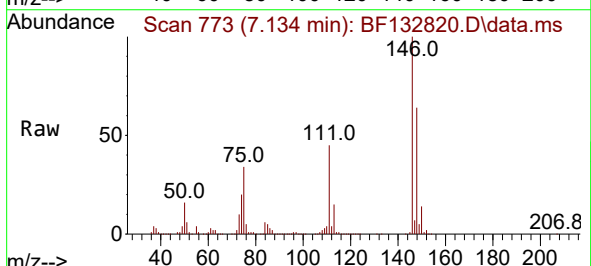
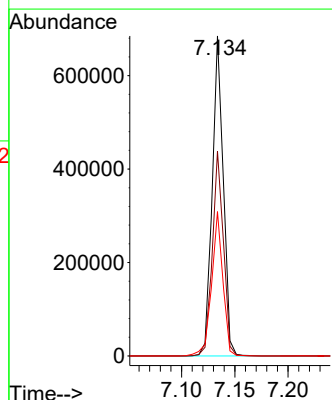
Tgt Ion:146 Resp: 496710

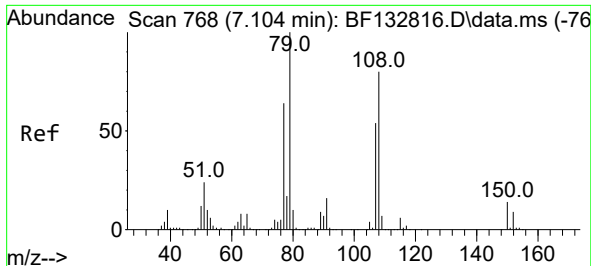
Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

111 45.1 35.8 53.8

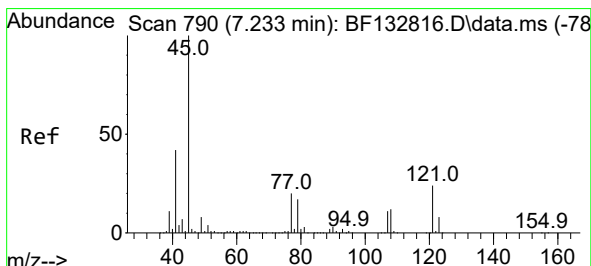
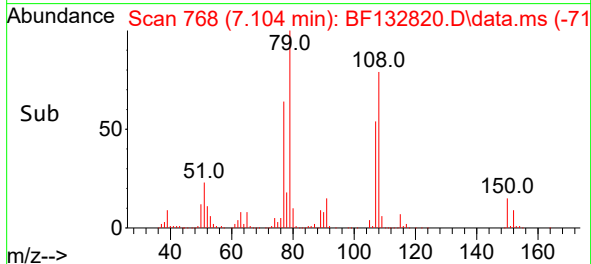
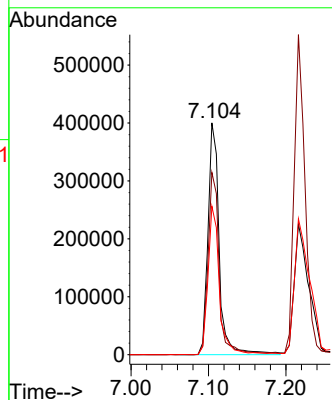
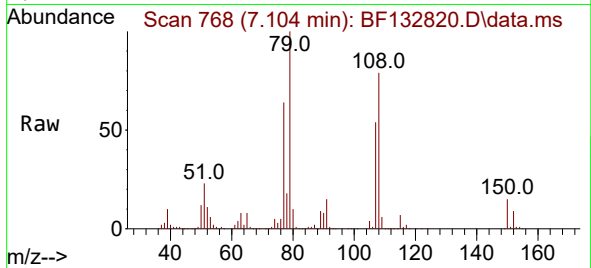




#15
Benzyl Alcohol
Concen: 43.889 ng
RT: 7.104 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

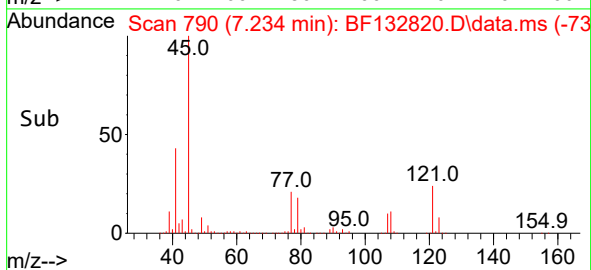
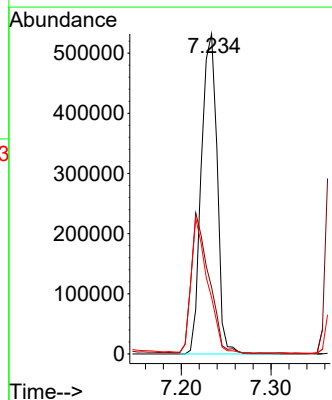
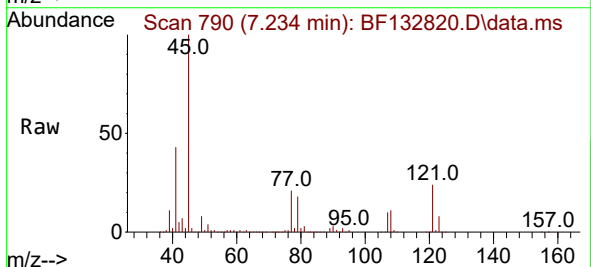
Instrument :
BNA_F
ClientSampleId :

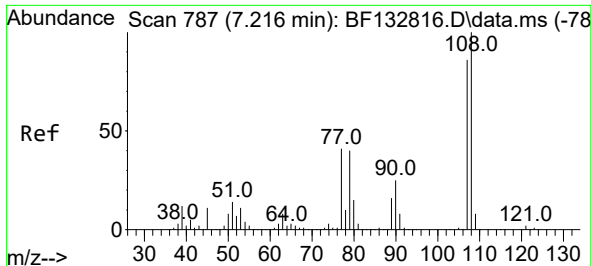
Tgt Ion: 79 Resp: 402622
Ion Ratio Lower Upper
79 100
108 78.6 64.2 96.2
77 64.0 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.926 ng
RT: 7.234 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

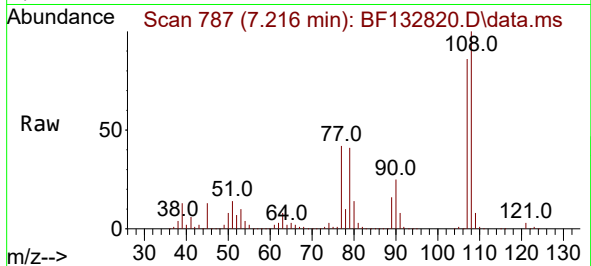
Tgt Ion: 45 Resp: 647342
Ion Ratio Lower Upper
45 100
77 20.9 0.7 40.7
79 17.7 0.0 37.2



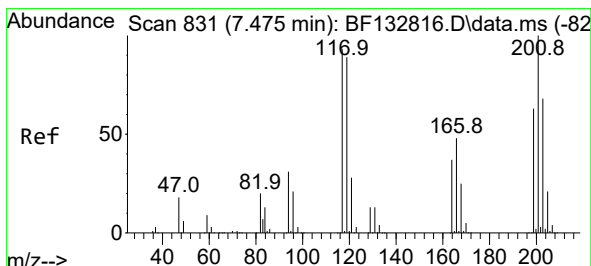
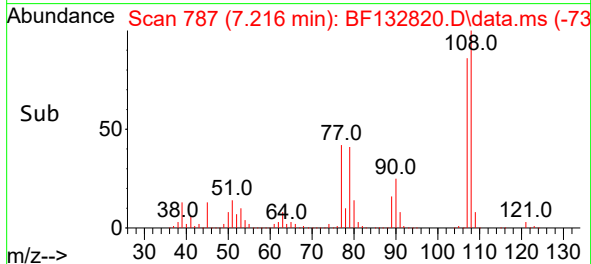
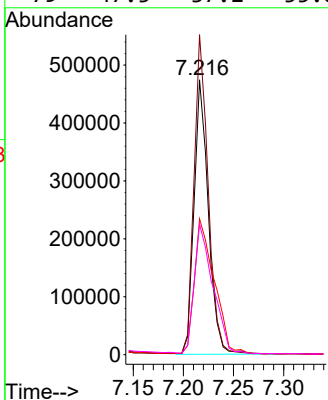


#17
2-Methylphenol
Concen: 39.728 ng
RT: 7.216 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

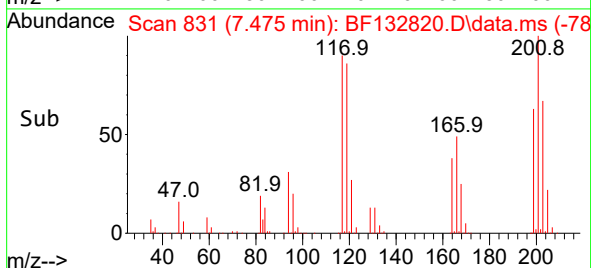
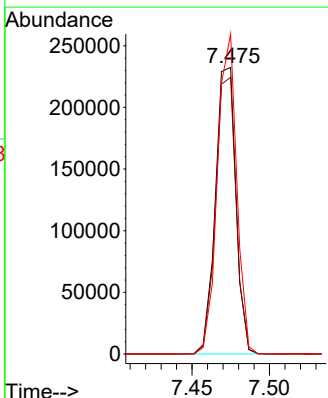
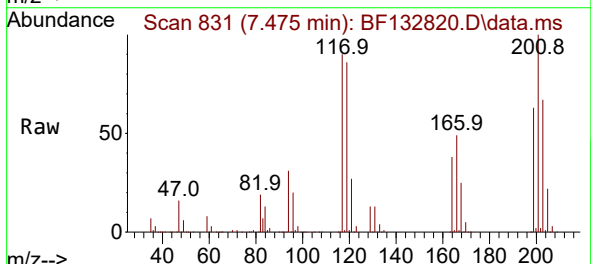


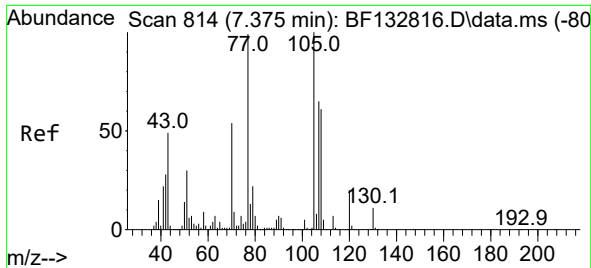
Tgt Ion:	107	Resp:	470772
Ion	Ratio	Lower	Upper
107	100		
108	116.4	92.6	139.0
77	49.4	38.6	57.8
79	47.5	37.2	55.8



#18
Hexachloroethane
Concen: 39.705 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

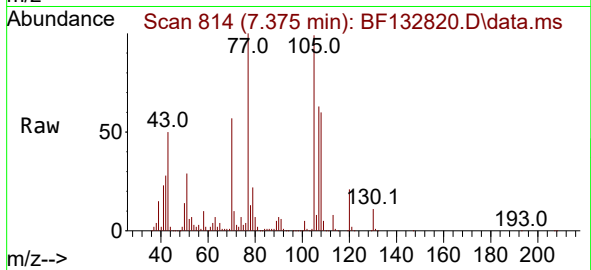
Tgt Ion:	117	Resp:	214321
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	111.7	86.4	129.6



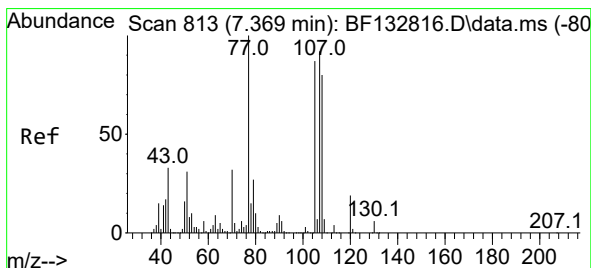
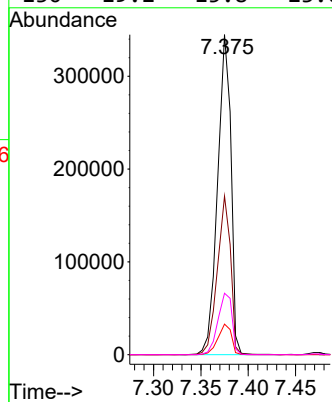
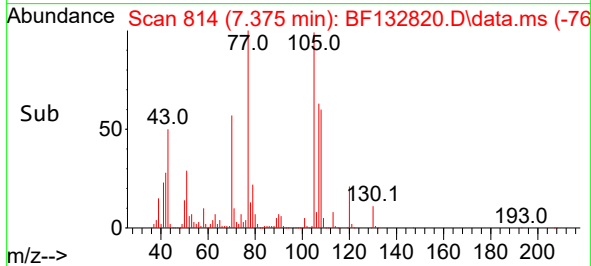


#19
n-Nitroso-di-n-propylamine
Concen: 37.352 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

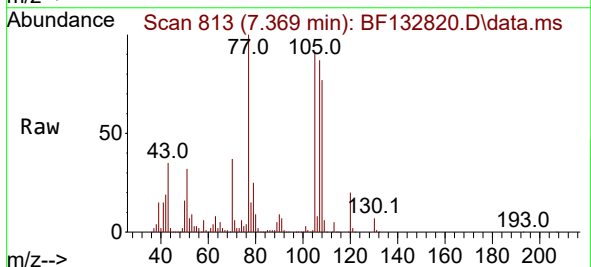
Instrument :
BNA_F
ClientSampleId :



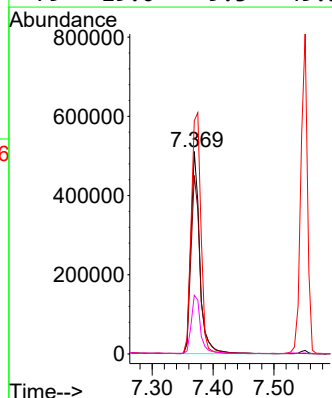
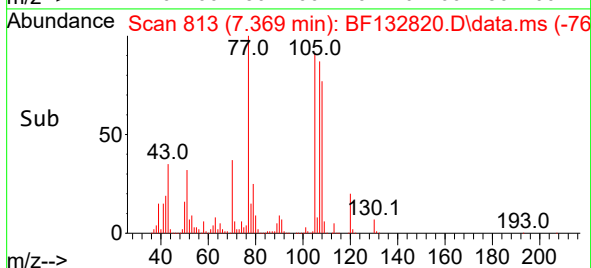
Tgt Ion: 70 Resp: 338027
Ion Ratio Lower Upper
70 100
42 49.5 40.9 61.3
101 9.5 7.8 11.6
130 19.2 15.8 23.6

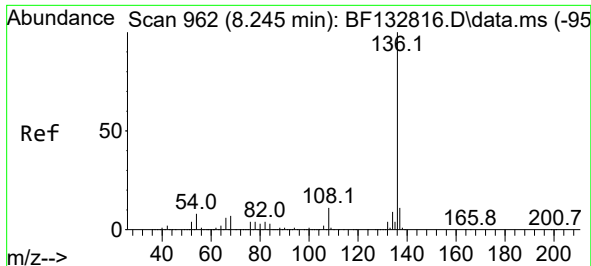


#20
3+4-Methylphenols
Concen: 36.365 ng
RT: 7.369 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02



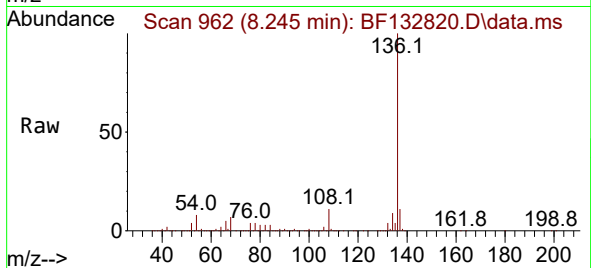
Tgt Ion: 107 Resp: 518863
Ion Ratio Lower Upper
107 100
108 88.2 67.6 107.6
77 115.2 89.1 129.1
79 29.0 9.3 49.3



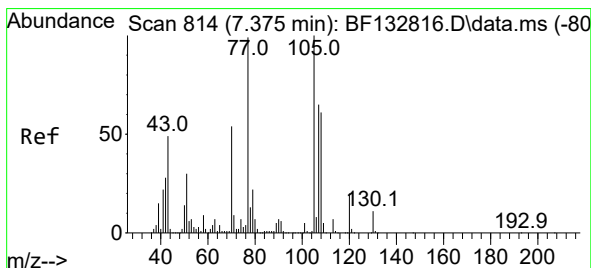
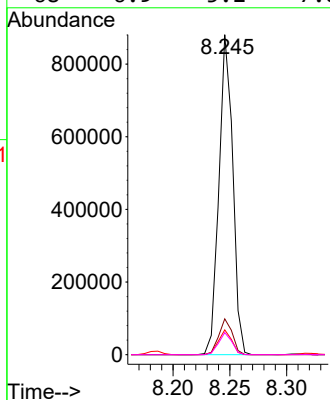
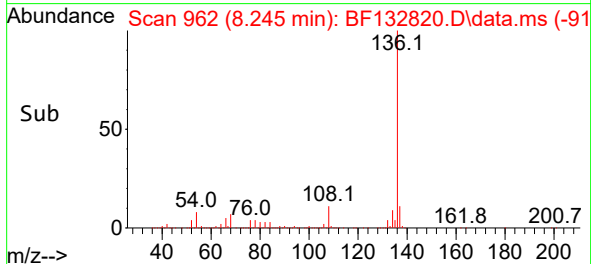


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

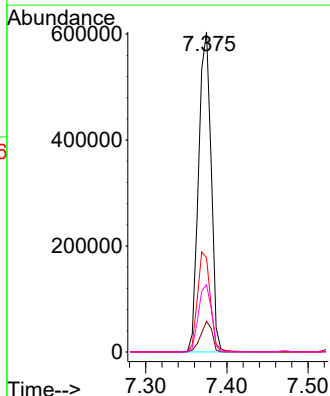
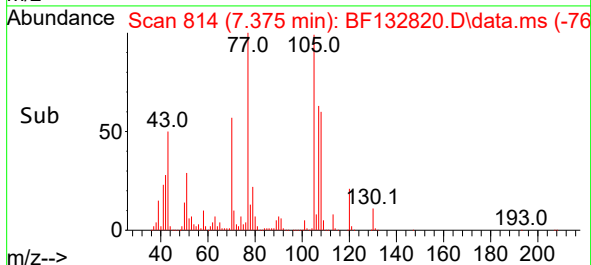
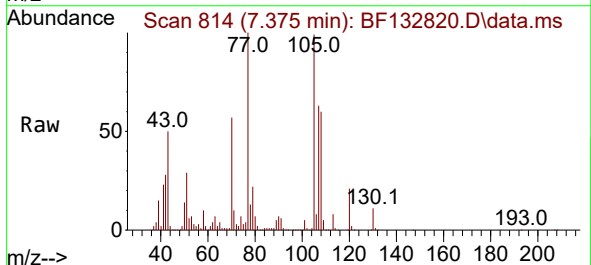


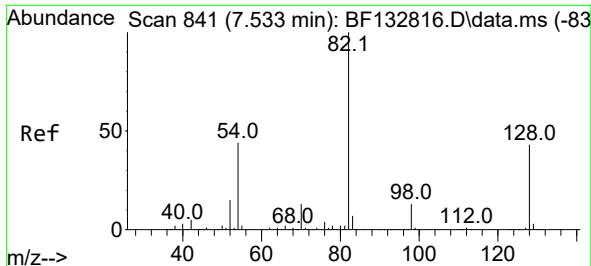
Tgt Ion:136 Resp: 746892
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.8 6.1 9.1
68 6.9 5.2 7.8



#22
Acetophenone
Concen: 36.328 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:105 Resp: 647846
Ion Ratio Lower Upper
105 100
71 9.6 7.3 10.9
51 29.5 23.9 35.9
120 21.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 77.383 ng

RT: 7.534 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

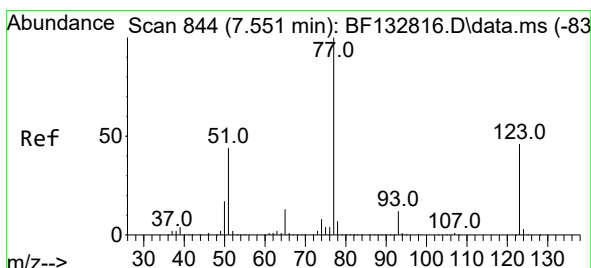
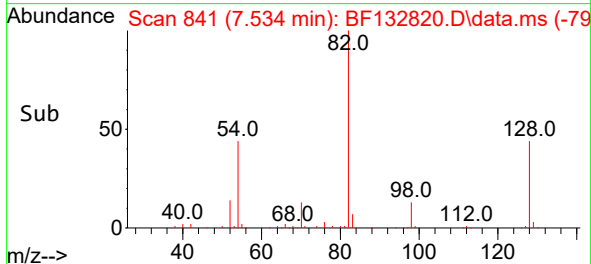
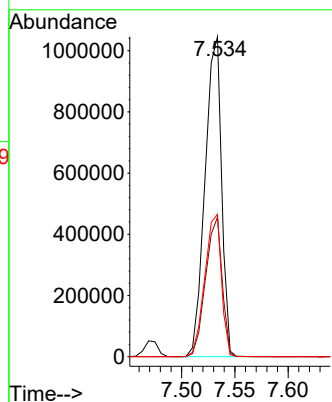
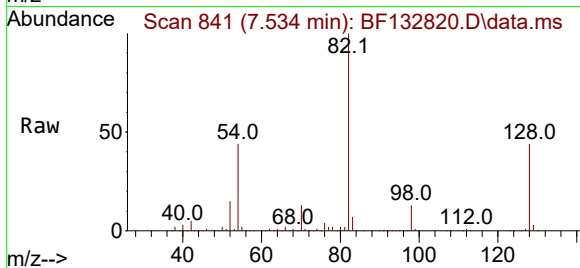
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1129392

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.4	51.6
54	44.5	35.2	52.8



#24

Nitrobenzene

Concen: 38.613 ng

RT: 7.551 min Scan# 844

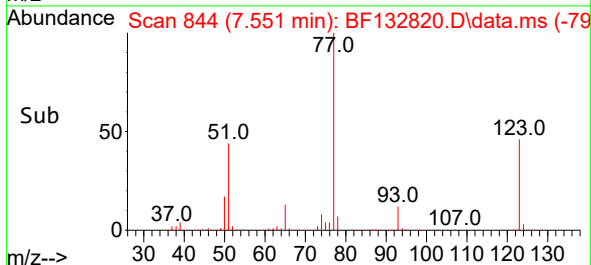
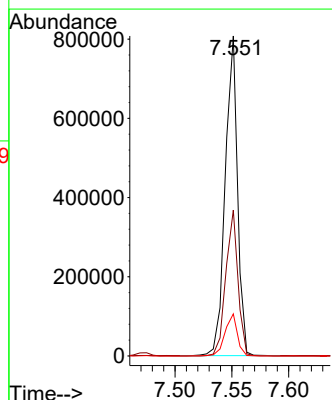
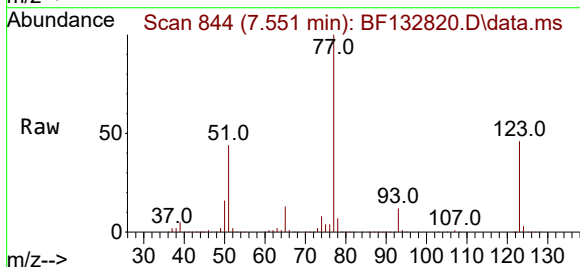
Delta R.T. 0.000 min

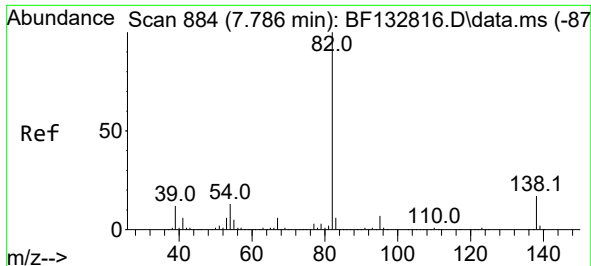
Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Tgt Ion: 77 Resp: 609276

Ion	Ratio	Lower	Upper
77	100		
123	45.6	36.4	54.6
65	13.2	10.3	15.5

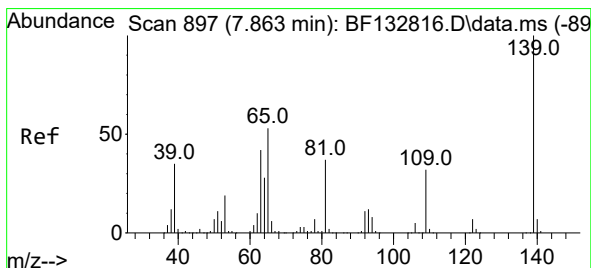
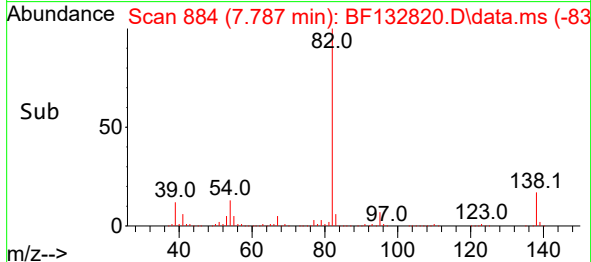
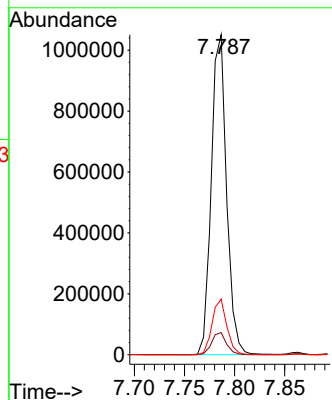
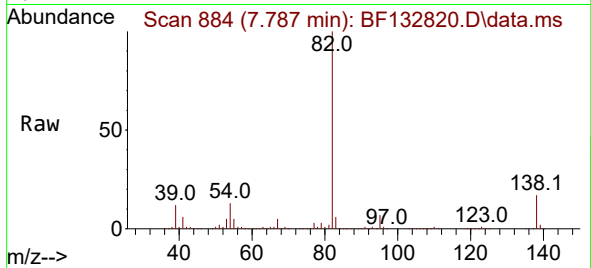




#25
Isophorone
Concen: 38.939 ng
RT: 7.787 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

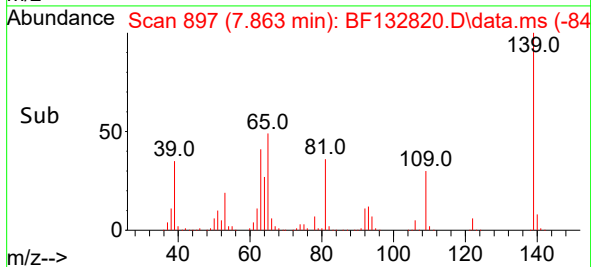
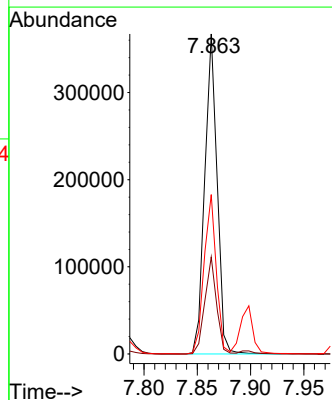
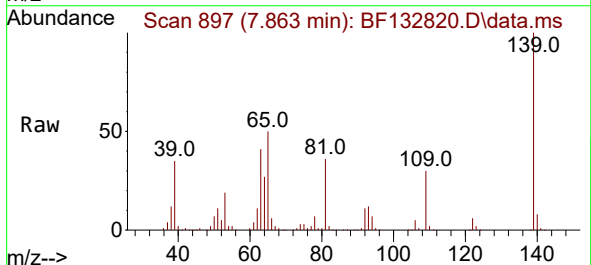
Instrument :
BNA_F
ClientSampleId :

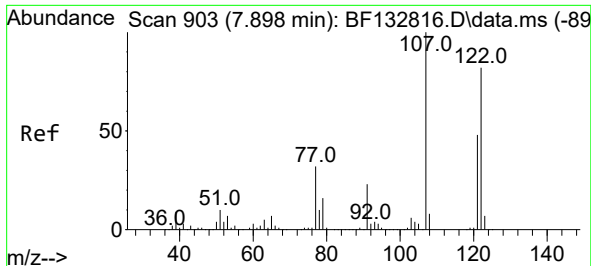
Tgt Ion: 82 Resp: 1117204
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 40.453 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

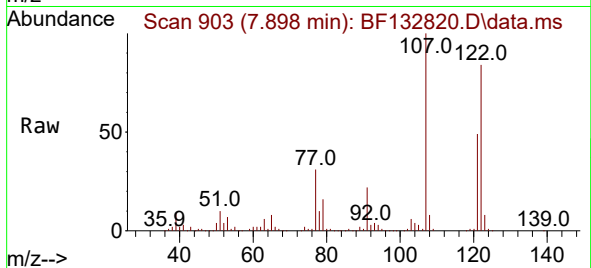
Tgt Ion:139 Resp: 297320
Ion Ratio Lower Upper
139 100
109 30.3 25.8 38.8
65 49.8 42.7 64.1





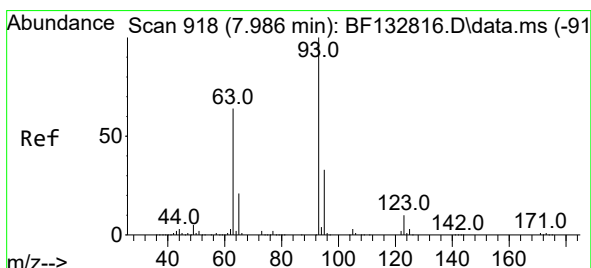
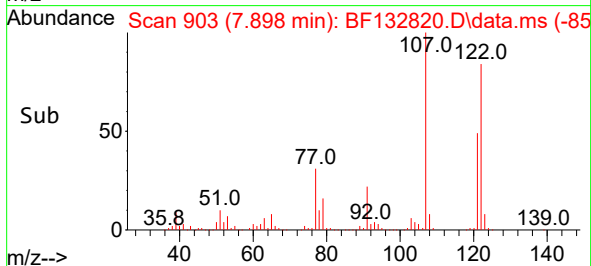
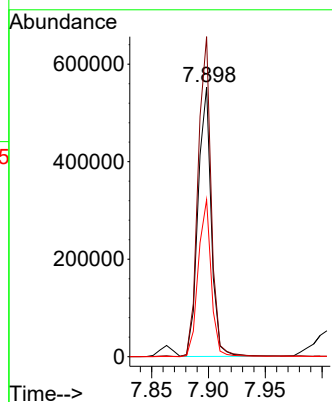
#27
 2,4-Dimethylphenol
 Concen: 39.218 ng
 RT: 7.898 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:122 Resp: 446574

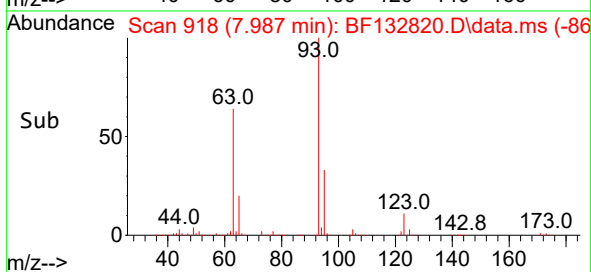
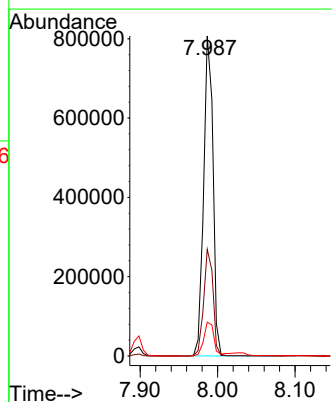
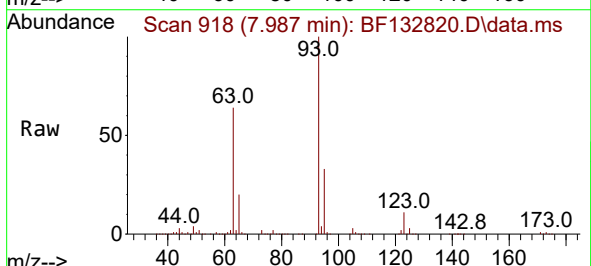
Ion	Ratio	Lower	Upper
122	100		
107	118.7	97.0	145.4
121	58.2	46.4	69.6

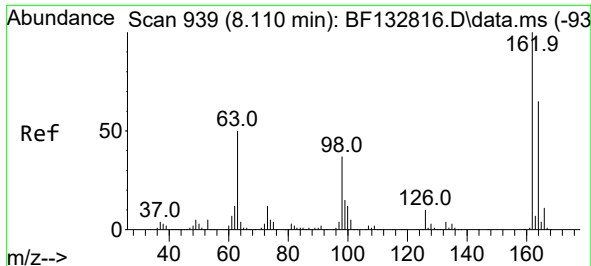


#28
 bis(2-Chloroethoxy)methane
 Concen: 39.381 ng
 RT: 7.987 min Scan# 918
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Tgt Ion: 93 Resp: 678657

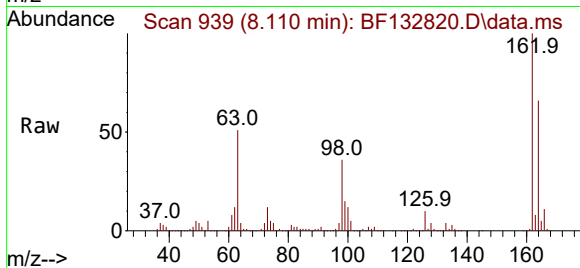
Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	10.5	8.4	12.6



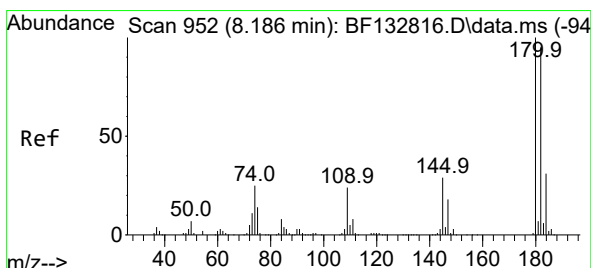
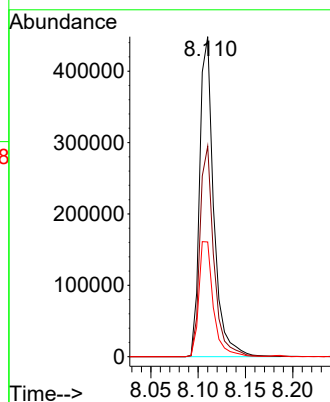
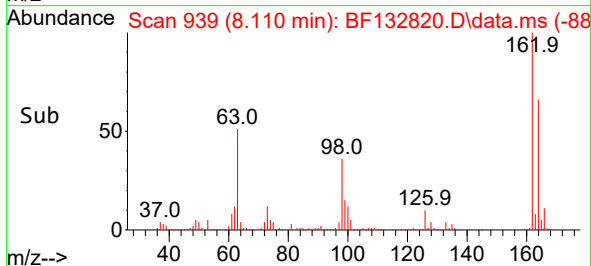


#29
2,4-Dichlorophenol
Concen: 39.485 ng
RT: 8.110 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

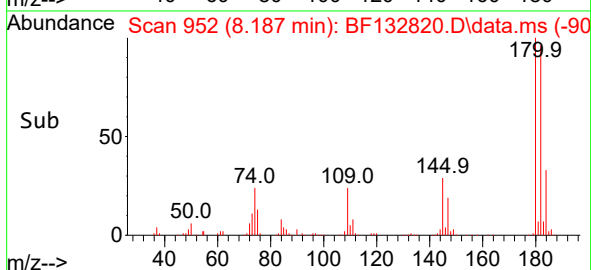
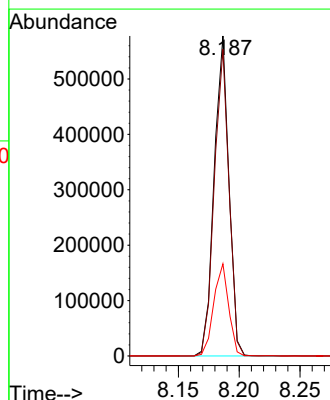
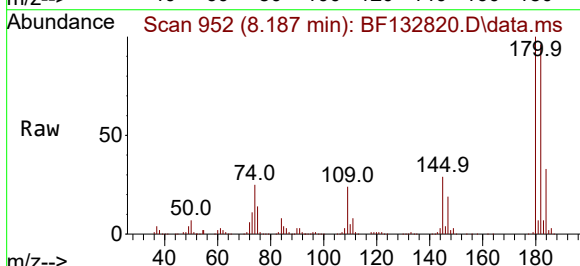


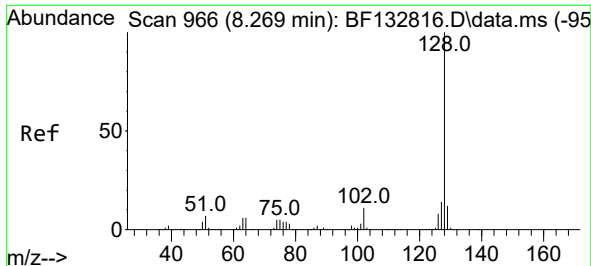
Tgt Ion:162 Resp: 465489
Ion Ratio Lower Upper
162 100
164 65.8 44.7 84.7
98 35.8 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 38.561 ng
RT: 8.187 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

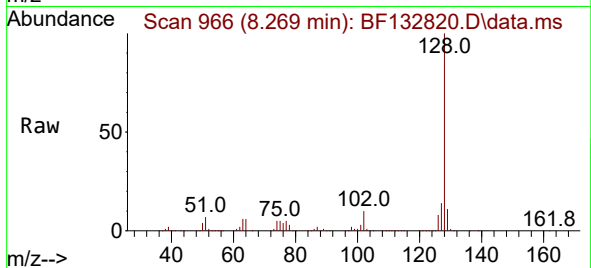
Tgt Ion:180 Resp: 486237
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 28.8 23.0 34.4



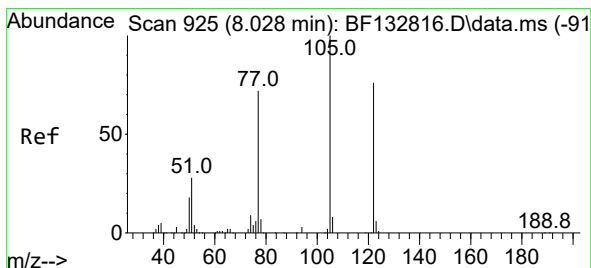
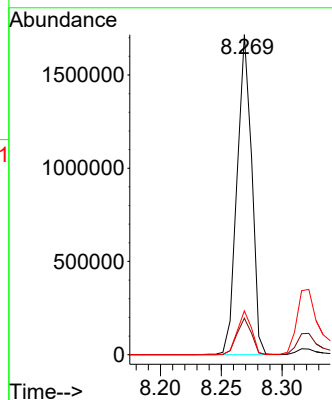
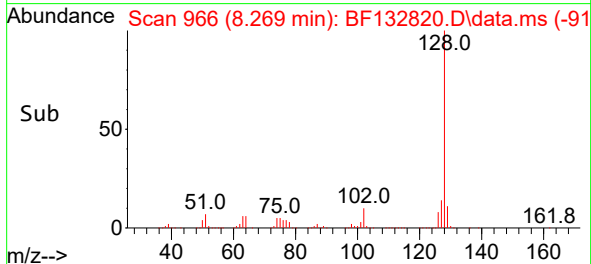


#31
Naphthalene
Concen: 38.117 ng
RT: 8.269 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

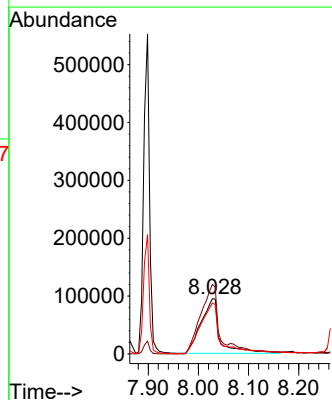
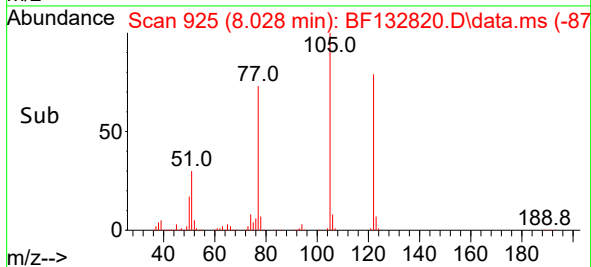
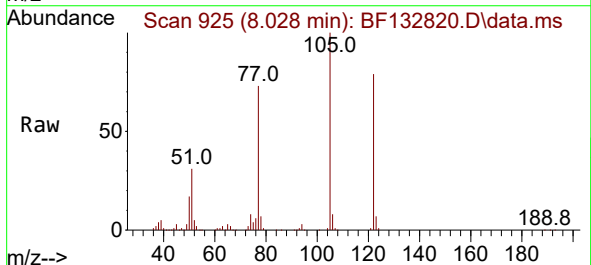


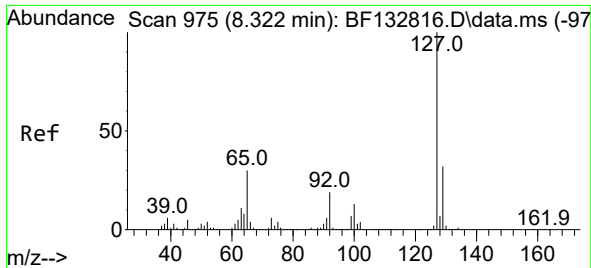
Tgt Ion:128 Resp: 1428215
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 38.209 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:122 Resp: 249617
Ion Ratio Lower Upper
122 100
105 126.0 110.8 150.8
77 92.2 74.2 114.2

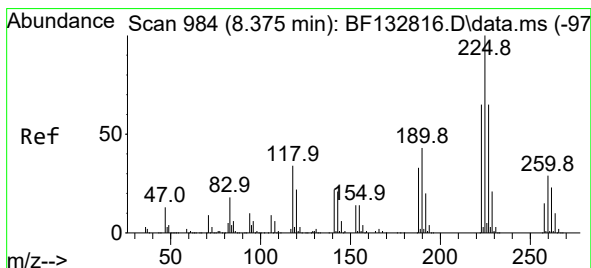
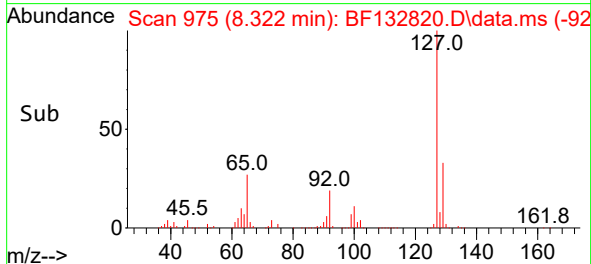
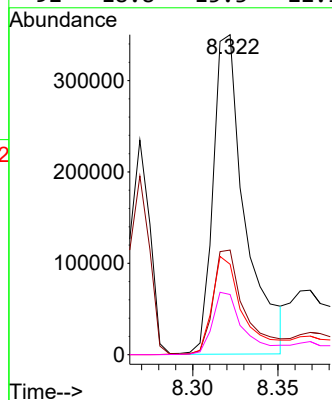
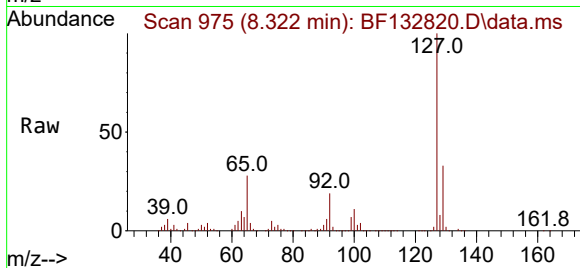




#33
4-Chloroaniline
Concen: 27.977 ng
RT: 8.322 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

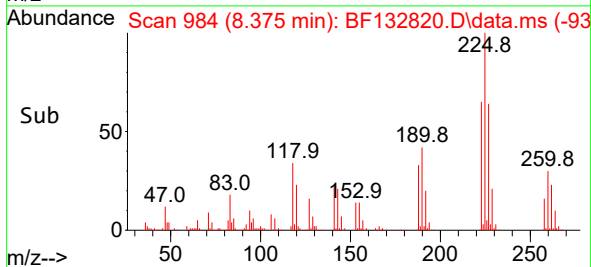
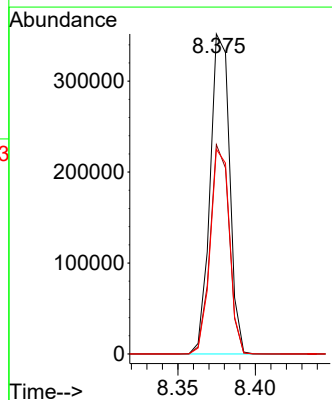
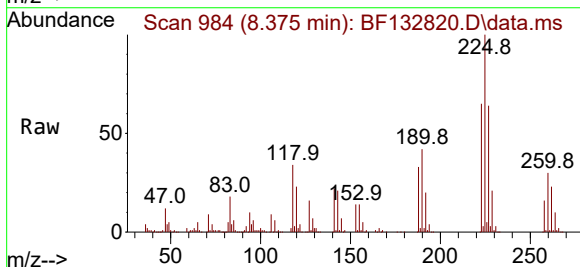
Instrument :
BNA_F
ClientSampleId :

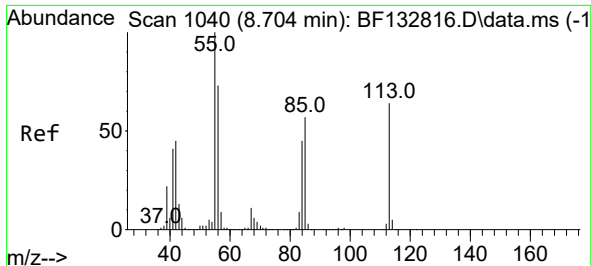
Tgt Ion:	127	Resp:	457017
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	28.2	24.1	36.1
92	18.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 38.466 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

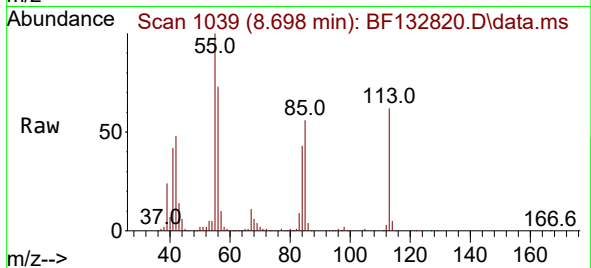
Tgt Ion:	225	Resp:	307740
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.8	77.6
227	64.0	52.2	78.2



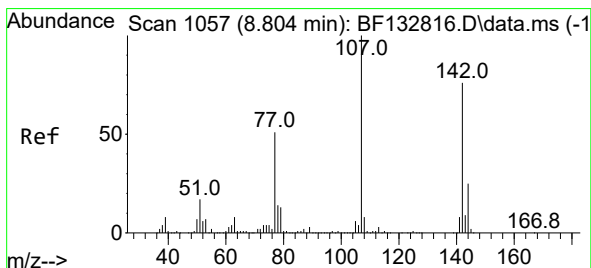
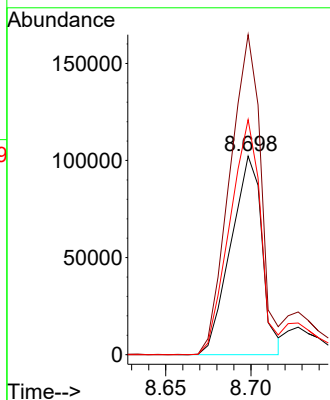
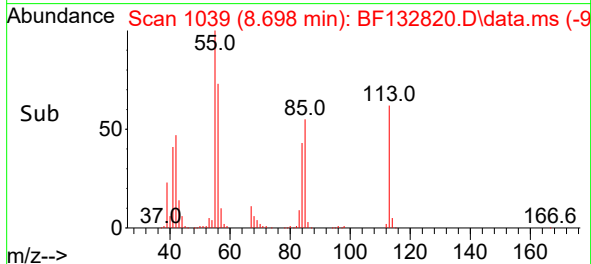


#35
 Caprolactam
 Concen: 36.084 ng
 RT: 8.698 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Instrument :
 BNA_F
 ClientSampleId :

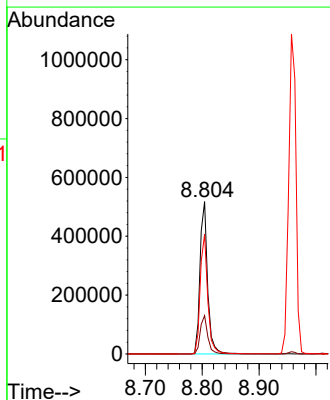
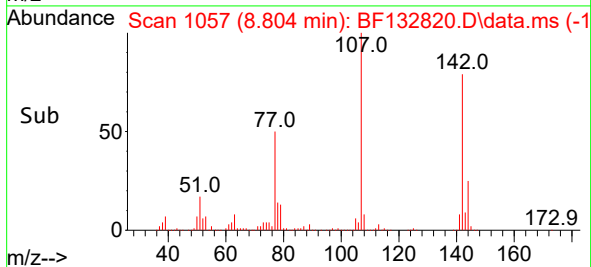
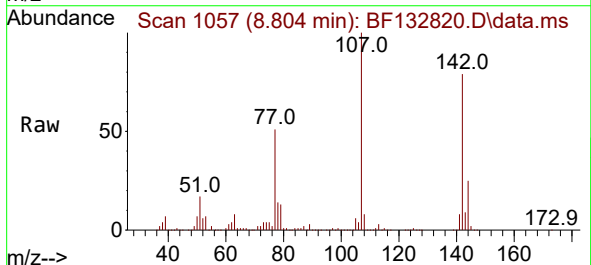


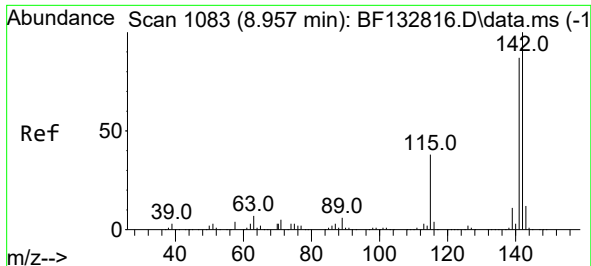
Tgt Ion:113 Resp: 130421
 Ion Ratio Lower Upper
 113 100
 55 161.1 136.3 176.3
 56 118.3 94.7 134.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.399 ng
 RT: 8.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Tgt Ion:107 Resp: 484386
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.0 30.0
 142 78.6 61.1 91.7





#37

2-Methylnaphthalene

Concen: 38.417 ng

RT: 8.957 min Scan# 1083

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

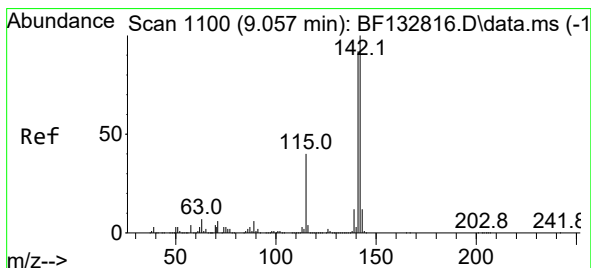
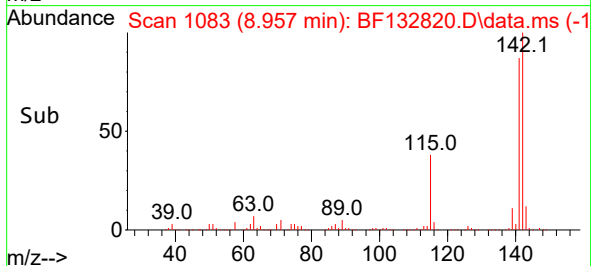
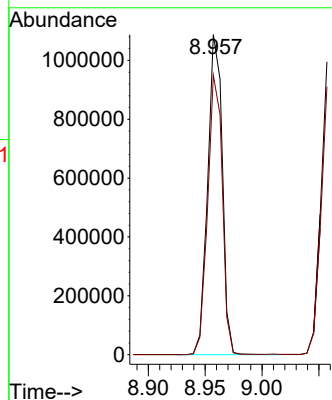
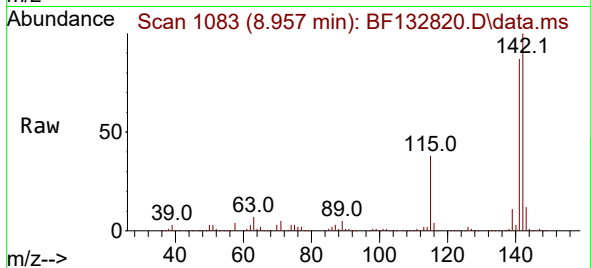
ClientSampleId :

Tgt Ion:142 Resp: 965334

Ion Ratio Lower Upper

142 100

141 87.4 69.3 103.9



#38

1-Methylnaphthalene

Concen: 38.661 ng

RT: 9.057 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132820.D

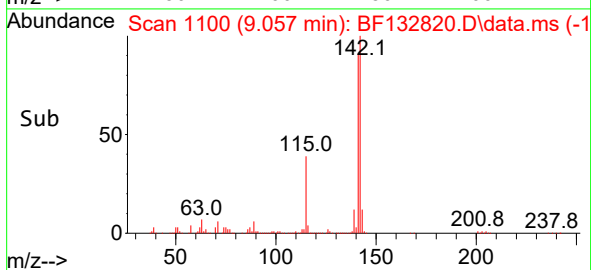
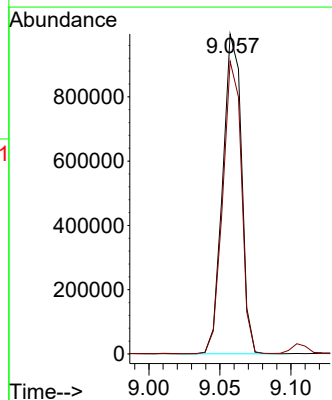
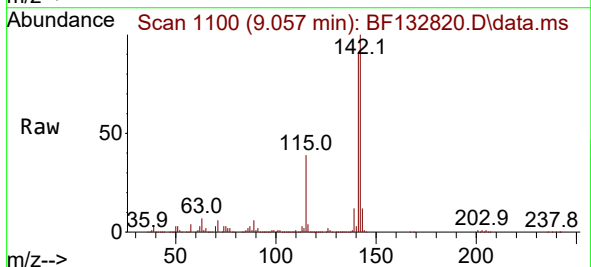
Acq: 16 Mar 2023 19:02

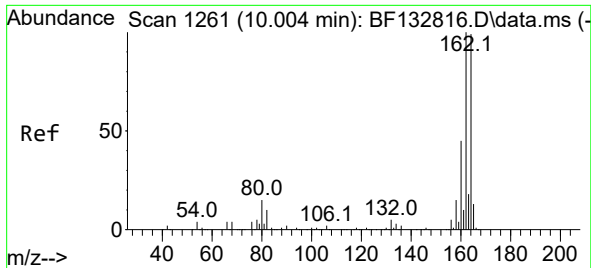
Tgt Ion:142 Resp: 914667

Ion Ratio Lower Upper

142 100

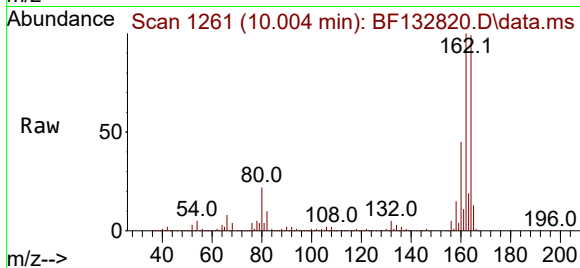
141 91.5 73.3 109.9



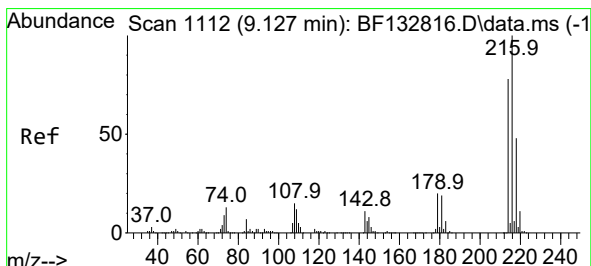
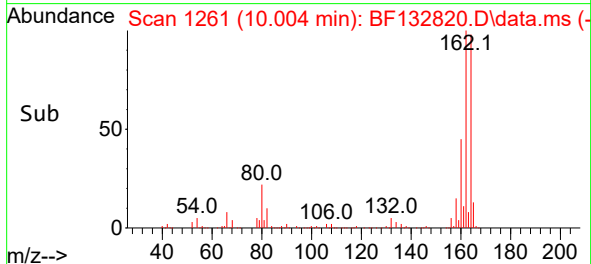
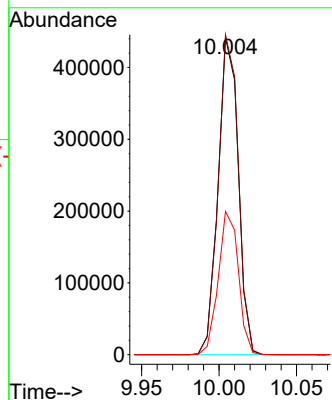


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11261
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

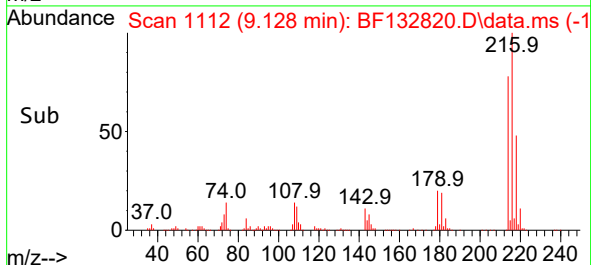
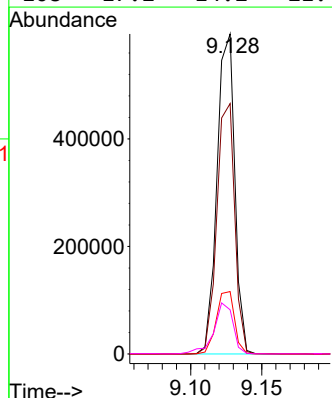
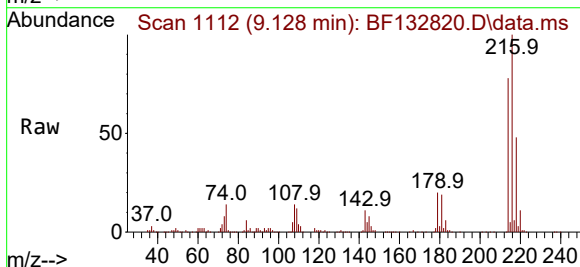


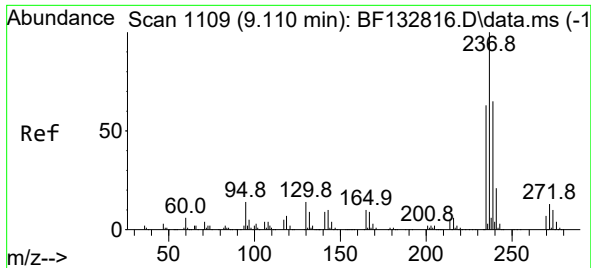
Tgt Ion:164 Resp: 399199
Ion Ratio Lower Upper
164 100
162 100.9 80.6 121.0
160 45.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.421 ng
RT: 9.128 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:216 Resp: 516238
Ion Ratio Lower Upper
216 100
214 79.0 64.3 96.5
179 20.0 16.2 24.4
108 17.2 14.2 21.4

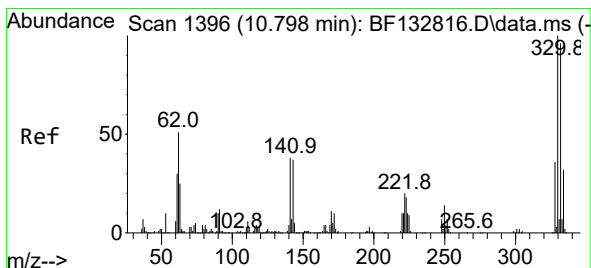
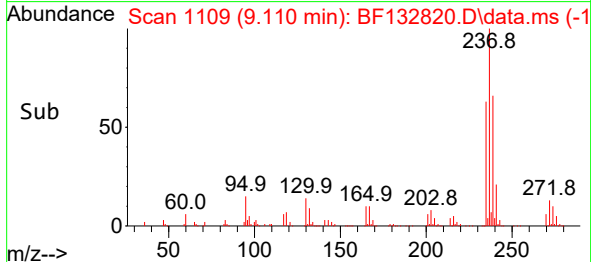
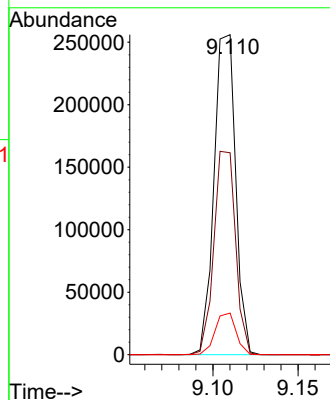
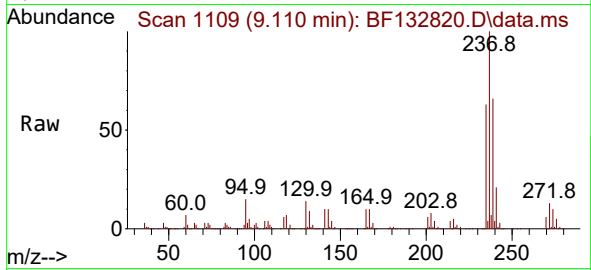




#41
Hexachlorocyclopentadiene
Concen: 38.262 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

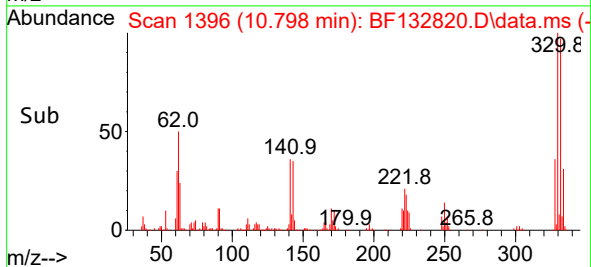
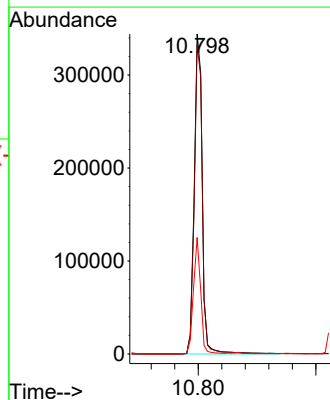
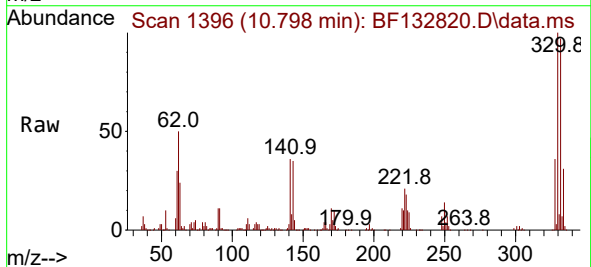
Instrument :
BNA_F
ClientSampleId :

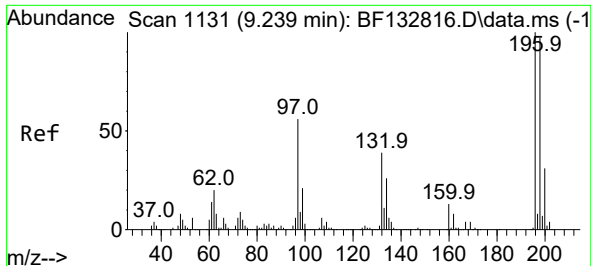
Tgt Ion:237 Resp: 226229
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 76.778 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:330 Resp: 325819
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.713 ng

RT: 9.239 min Scan# 1131

Delta R.T. 0.000 min

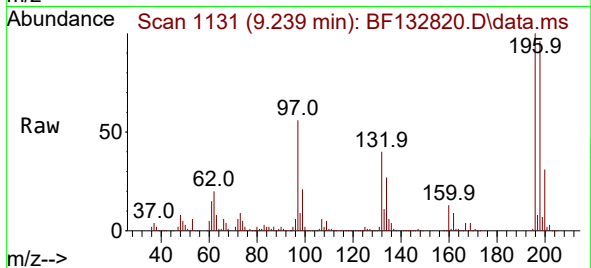
Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :



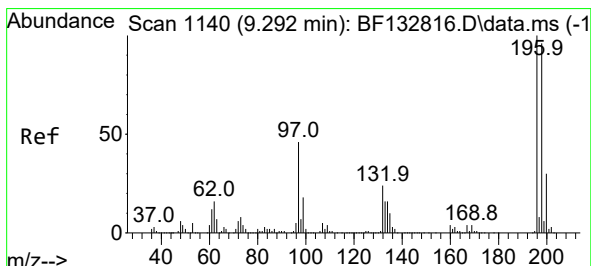
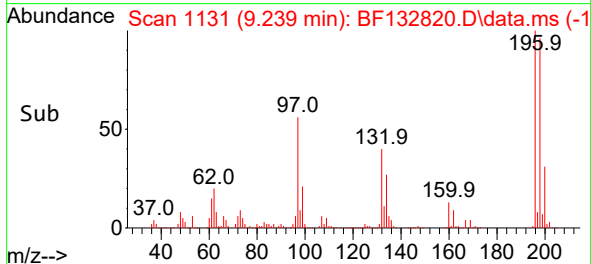
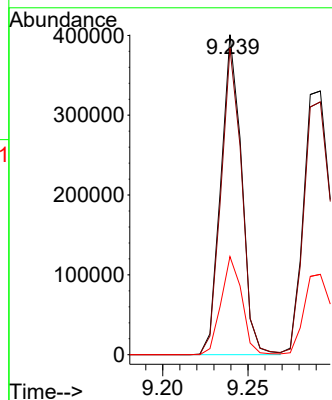
Tgt Ion:196 Resp: 338624

Ion Ratio Lower Upper

196 100

198 95.8 77.3 115.9

200 30.6 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 40.557 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Tgt Ion:196 Resp: 402630

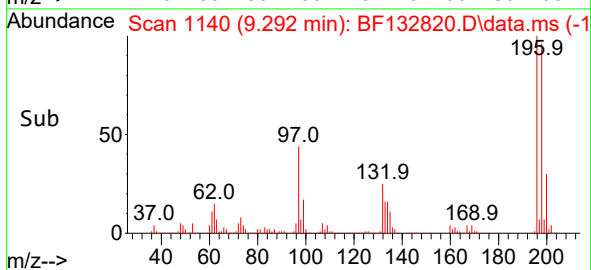
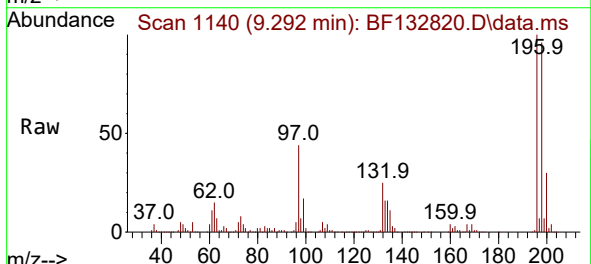
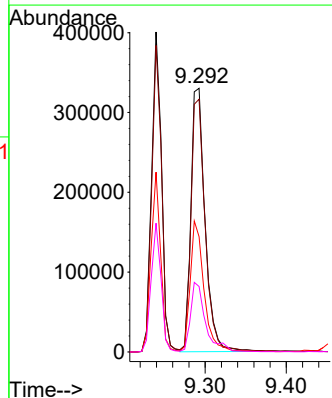
Ion Ratio Lower Upper

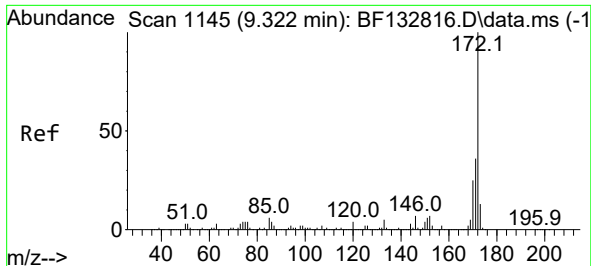
196 100

198 95.9 76.8 115.2

97 43.7 36.9 55.3

132 24.8 19.7 29.5





#45

2-Fluorobiphenyl

Concen: 73.642 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

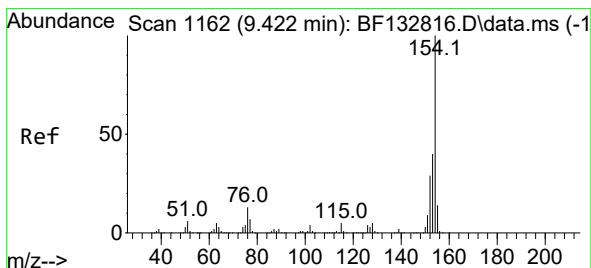
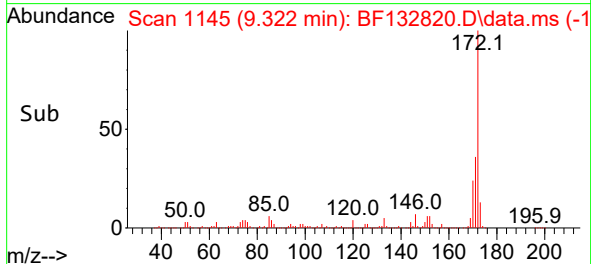
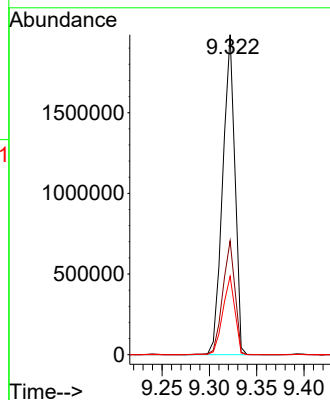
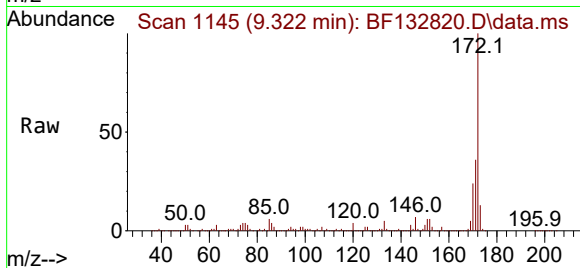
Tgt Ion:172 Resp: 1789615

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 24.5 19.8 29.8



#46

1,1'-Biphenyl

Concen: 38.042 ng

RT: 9.422 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

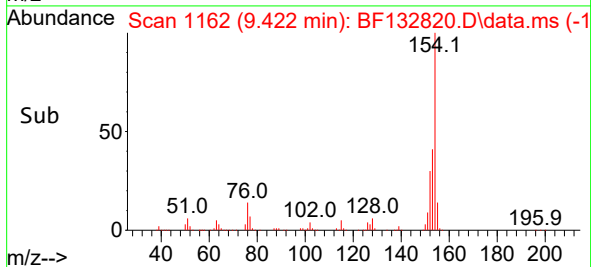
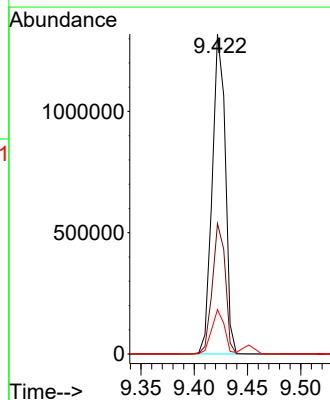
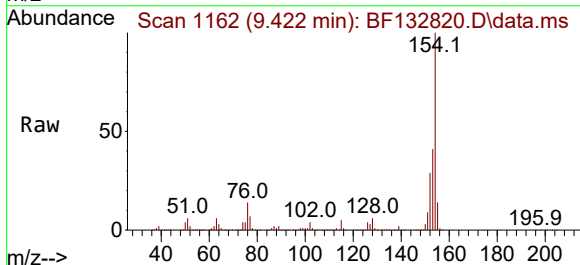
Tgt Ion:154 Resp: 1126635

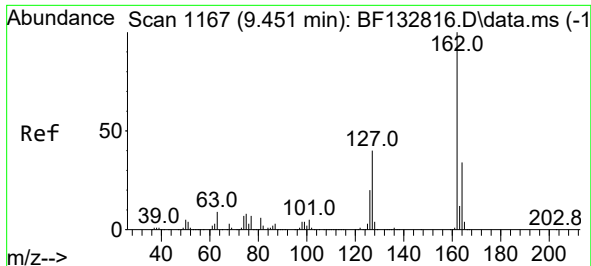
Ion Ratio Lower Upper

154 100

153 40.7 19.6 59.6

76 13.9 0.0 33.5

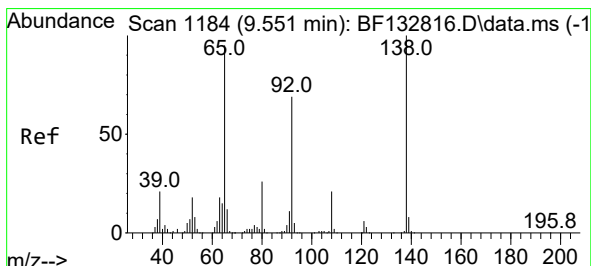
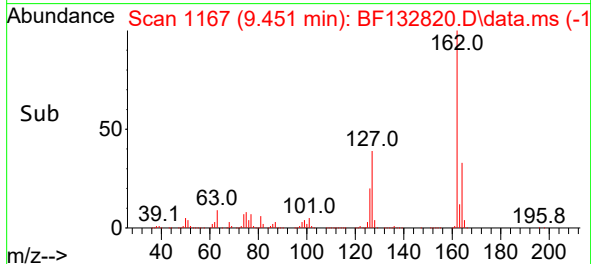
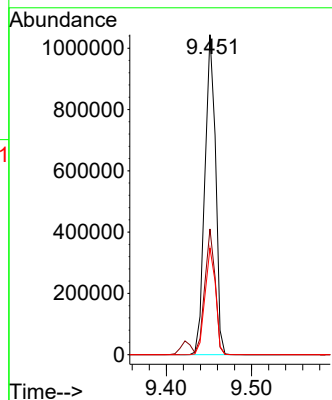
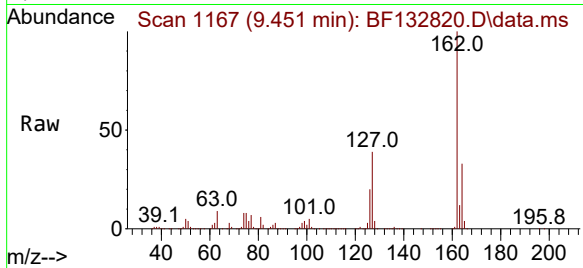




#47
2-Chloronaphthalene
Concen: 38.714 ng
RT: 9.451 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

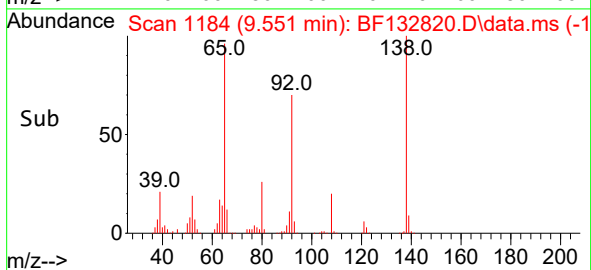
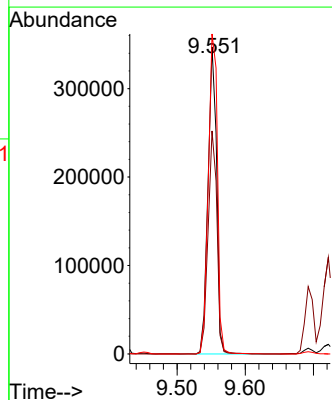
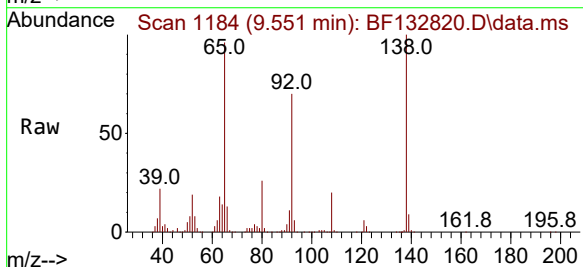
Instrument :
BNA_F
ClientSampleId :

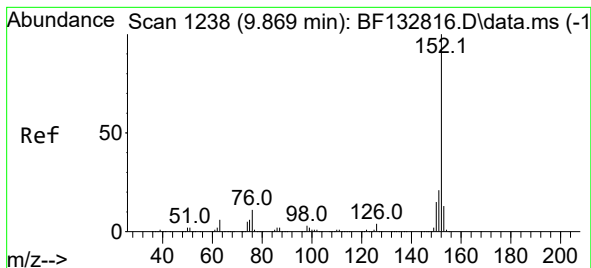
Tgt Ion:162 Resp: 907855
Ion Ratio Lower Upper
162 100
127 39.3 32.3 48.5
164 33.4 27.2 40.8



#48
2-Nitroaniline
Concen: 39.939 ng
RT: 9.551 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion: 65 Resp: 307578
Ion Ratio Lower Upper
65 100
92 72.6 58.6 88.0
138 104.2 84.4 126.6





#49

Acenaphthylene

Concen: 39.452 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

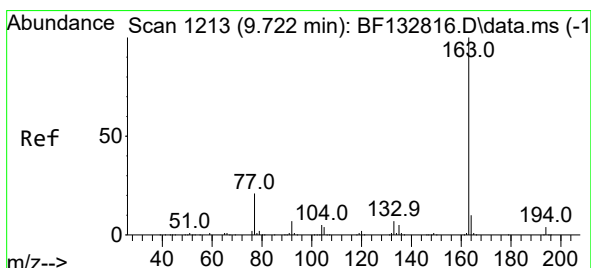
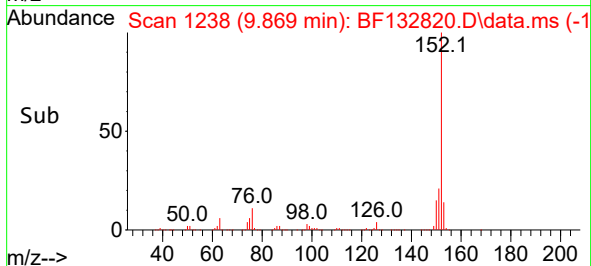
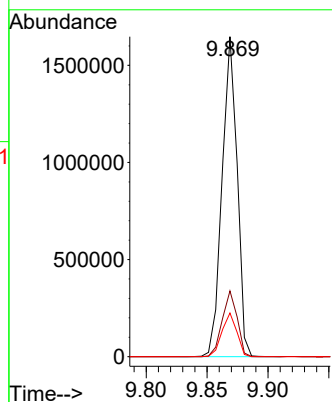
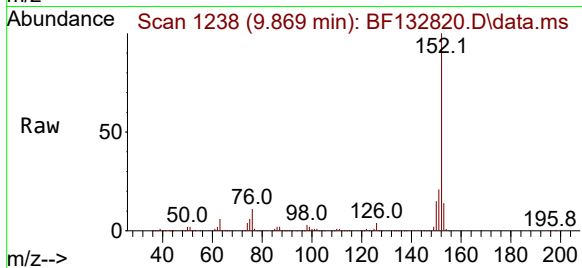
Tgt Ion:152 Resp: 1421733

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 39.274 ng

RT: 9.722 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

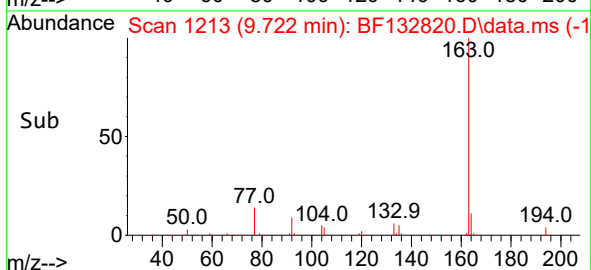
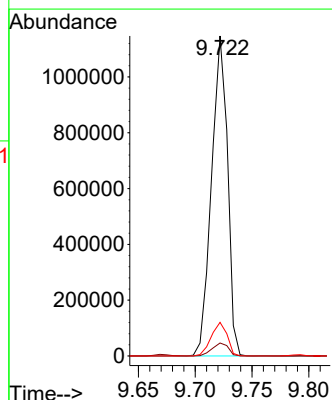
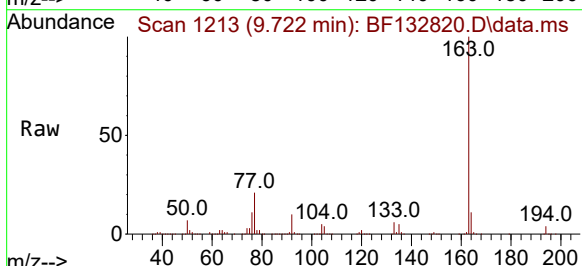
Tgt Ion:163 Resp: 1124071

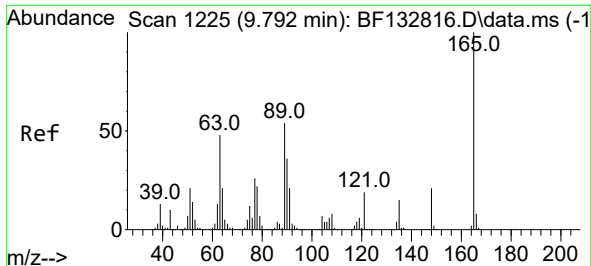
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 40.100 ng

RT: 9.792 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

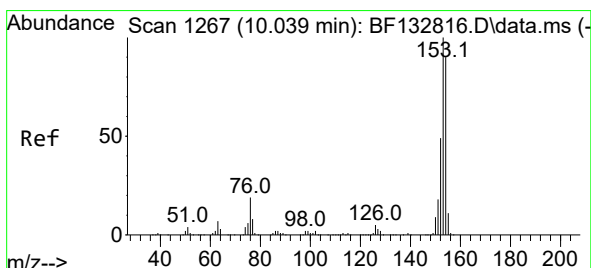
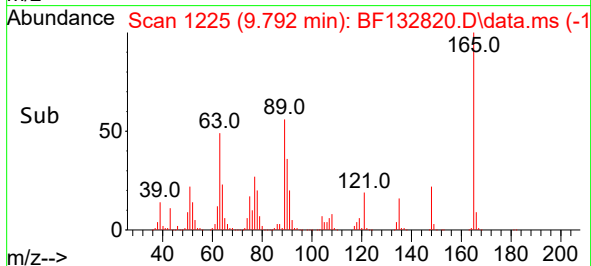
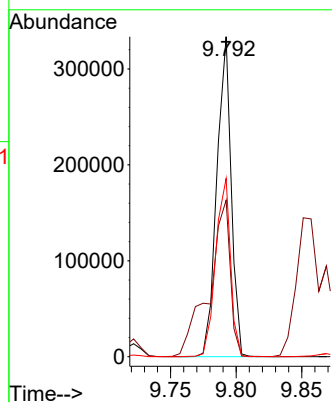
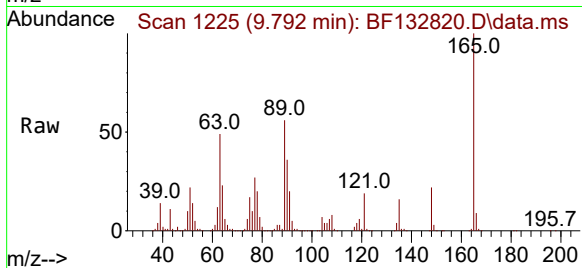
Tgt Ion:165 Resp: 253777

Ion Ratio Lower Upper

165 100

63 48.9 39.1 58.7

89 55.7 43.5 65.3



#52

Acenaphthene

Concen: 37.933 ng

RT: 10.039 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

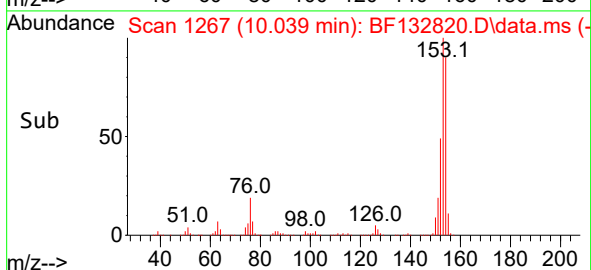
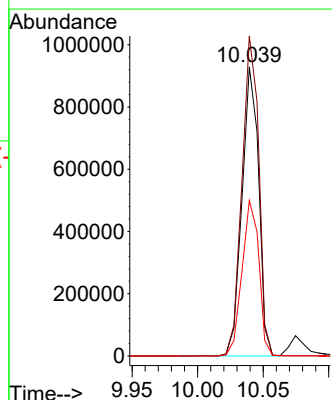
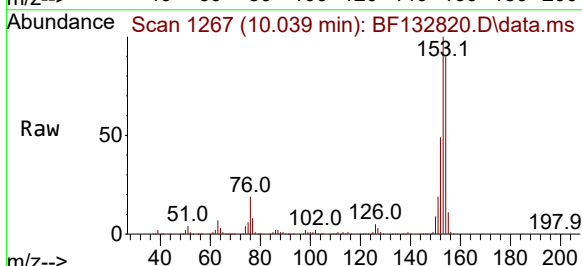
Tgt Ion:154 Resp: 822851

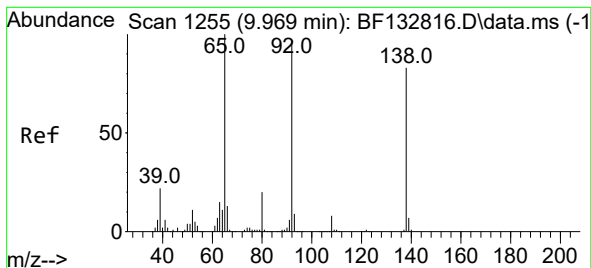
Ion Ratio Lower Upper

154 100

153 110.7 89.4 134.0

152 53.8 43.4 65.2





#53

3-Nitroaniline

Concen: 40.608 ng

RT: 9.969 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

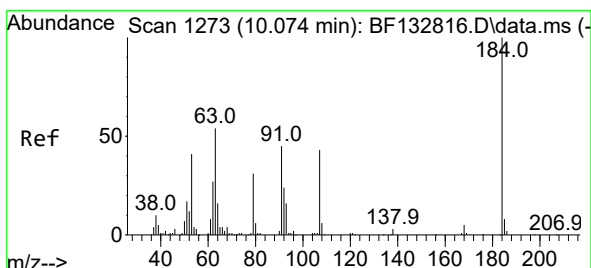
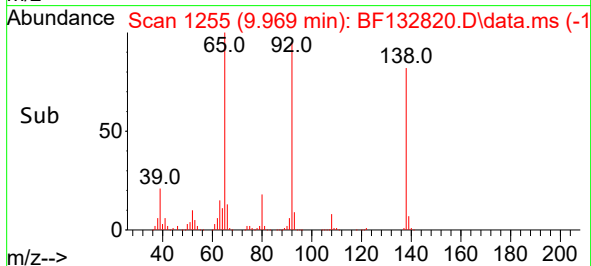
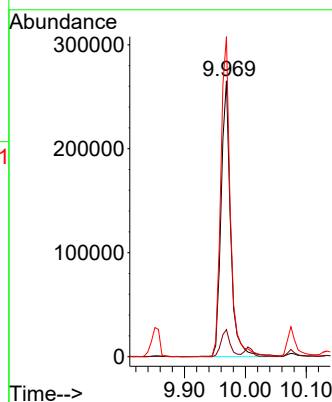
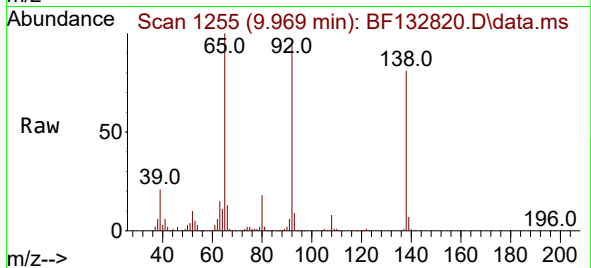
Tgt Ion:138 Resp: 287283

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.2

92 116.0 93.3 139.9



#54

2,4-Dinitrophenol

Concen: 36.198 ng

RT: 10.075 min Scan# 1273

Delta R.T. 0.001 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

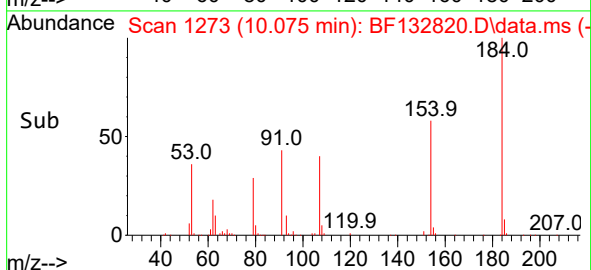
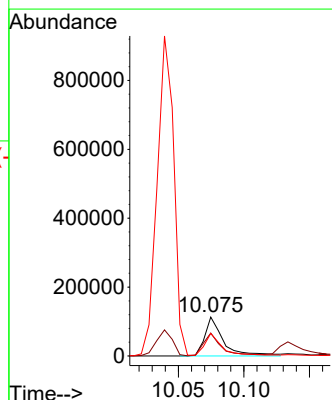
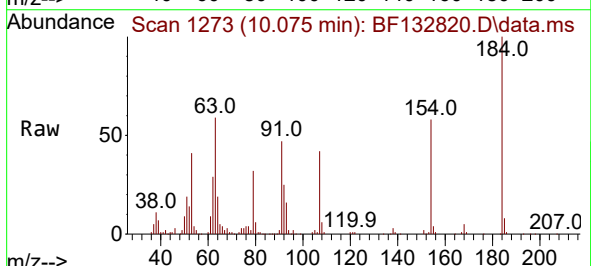
Tgt Ion:184 Resp: 111684

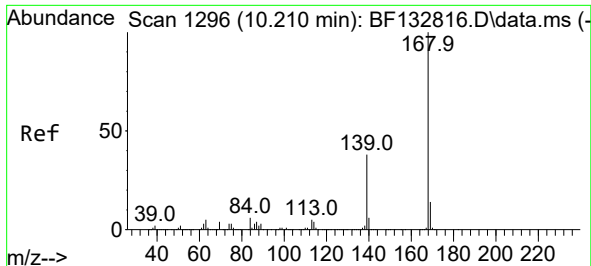
Ion Ratio Lower Upper

184 100

63 58.9 47.2 70.8

154 58.0 46.5 69.7

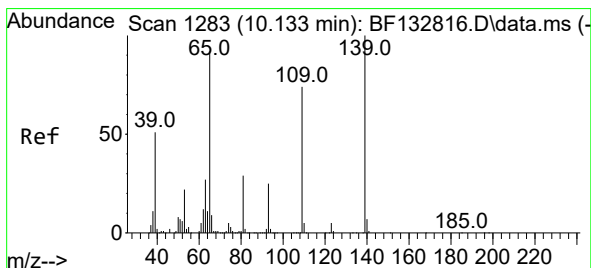
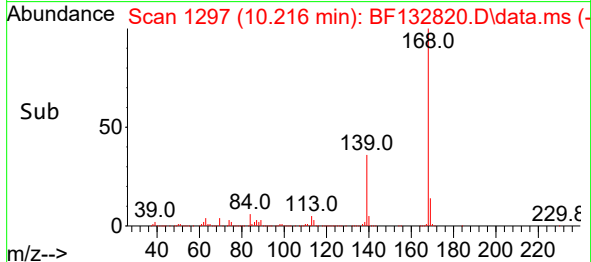
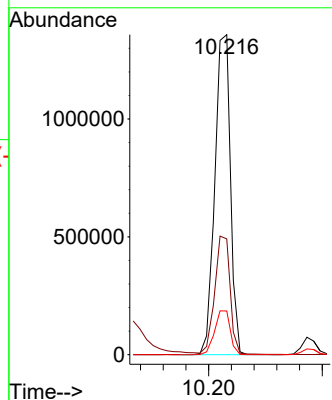
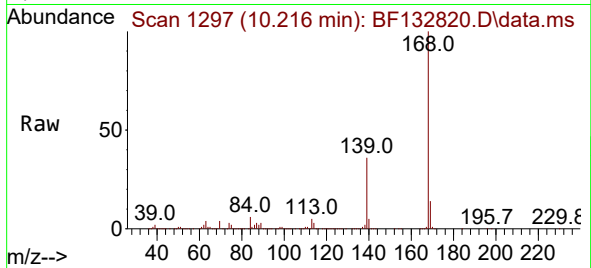




#55
Dibenzenofuran
Concen: 38.834 ng
RT: 10.216 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

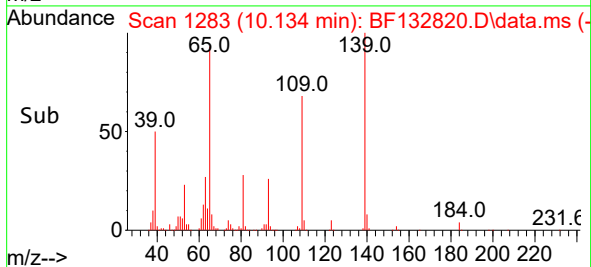
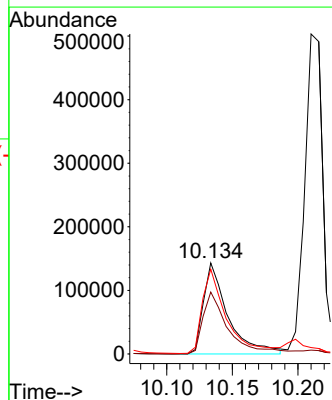
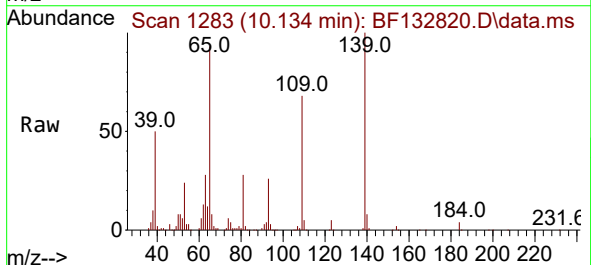
Instrument :
BNA_F
ClientSampleId :

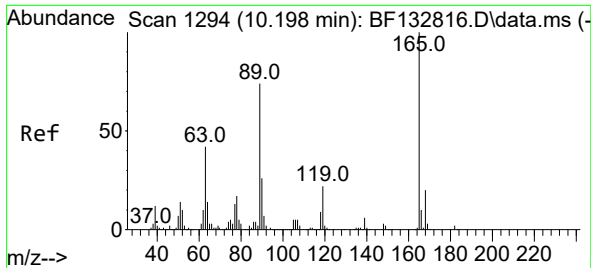
Tgt Ion:168 Resp: 1294900
Ion Ratio Lower Upper
168 100
139 36.2 31.0 46.6
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 44.132 ng
RT: 10.134 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

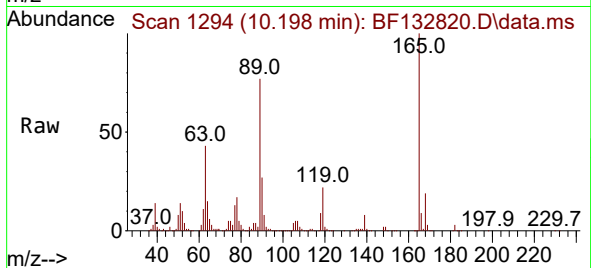
Tgt Ion:139 Resp: 186143
Ion Ratio Lower Upper
139 100
109 68.0 53.8 93.8
65 93.1 73.0 113.0



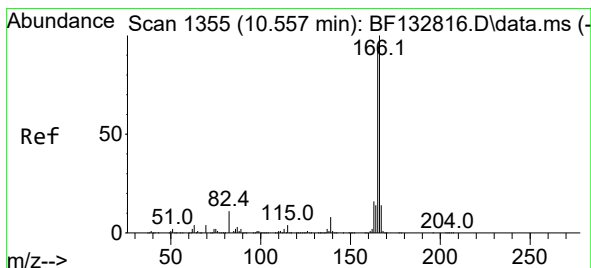
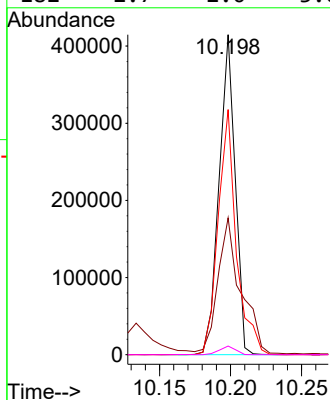
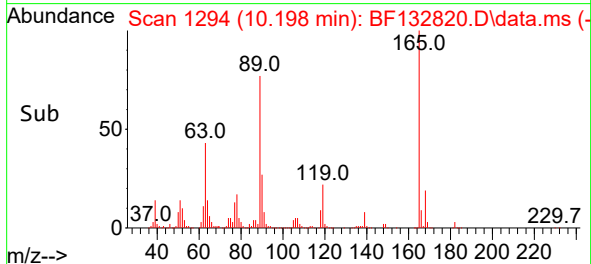


#57
2,4-Dinitrotoluene
Concen: 40.410 ng
RT: 10.198 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

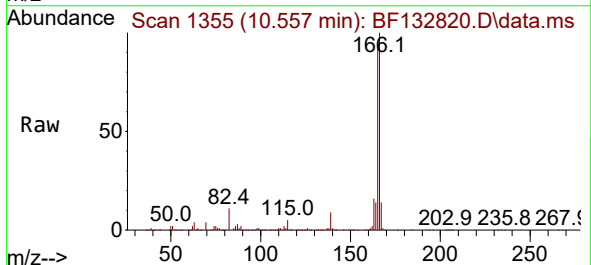
Instrument :
BNA_F
ClientSampleId :



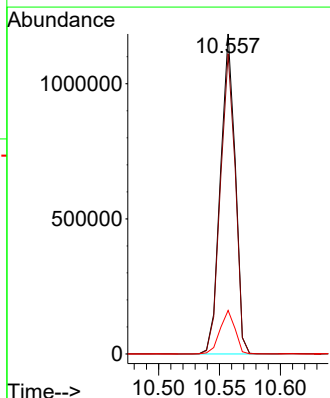
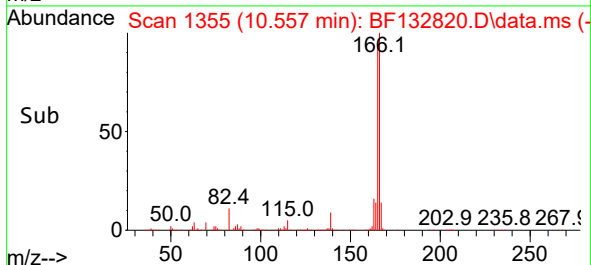
Tgt Ion:165 Resp: 326679
Ion Ratio Lower Upper
165 100
63 42.7 34.4 51.6
89 76.6 59.5 89.3
182 2.7 2.0 3.0

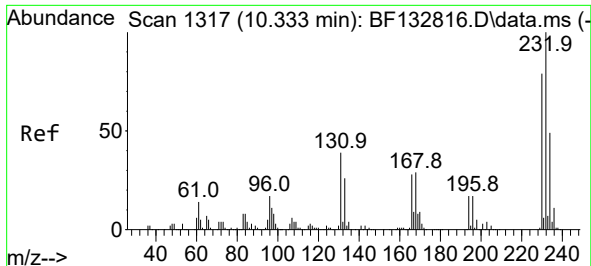


#58
Fluorene
Concen: 37.690 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02



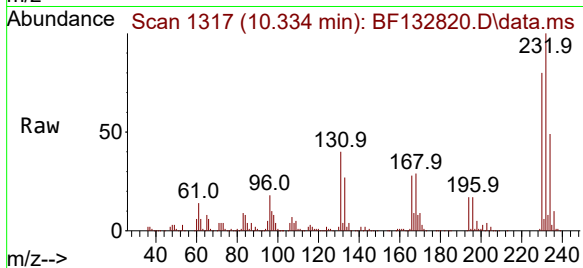
Tgt Ion:166 Resp: 999369
Ion Ratio Lower Upper
166 100
165 93.9 74.3 111.5
167 13.6 11.0 16.4



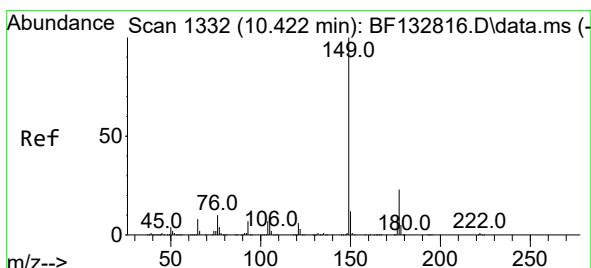
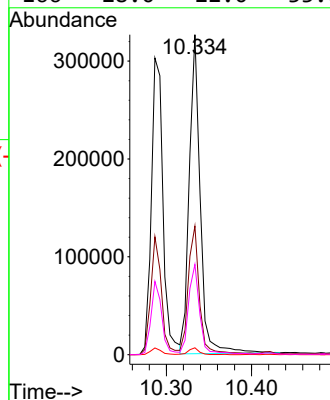
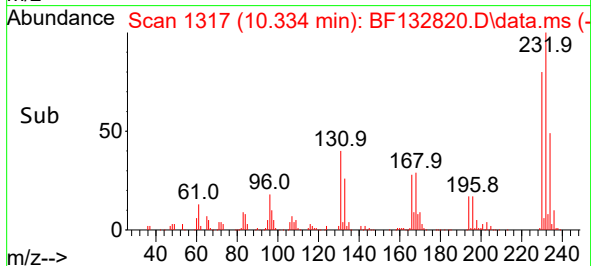


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.479 ng
RT: 10.334 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

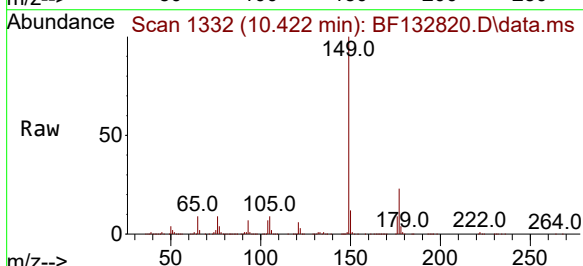
Instrument :
BNA_F
ClientSampleId :



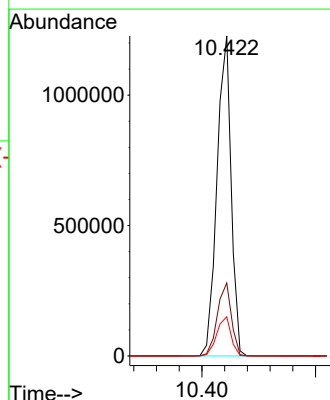
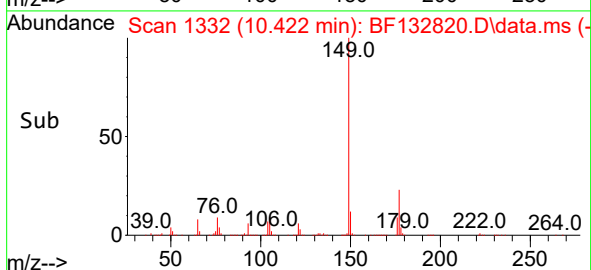
Tgt Ion:232 Resp: 291242
Ion Ratio Lower Upper
232 100
131 39.7 32.6 48.8
130 2.2 1.7 2.5
166 28.0 22.0 33.0

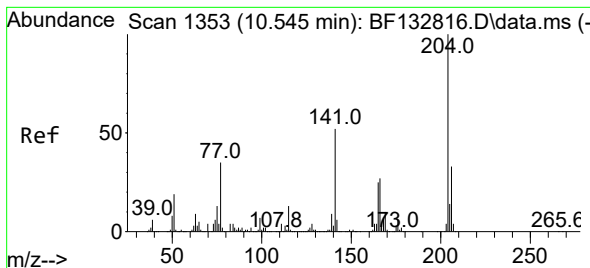


#60
Diethylphthalate
Concen: 39.096 ng
RT: 10.422 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02



Tgt Ion:149 Resp: 1060424
Ion Ratio Lower Upper
149 100
177 22.8 18.6 28.0
150 12.2 10.0 15.0

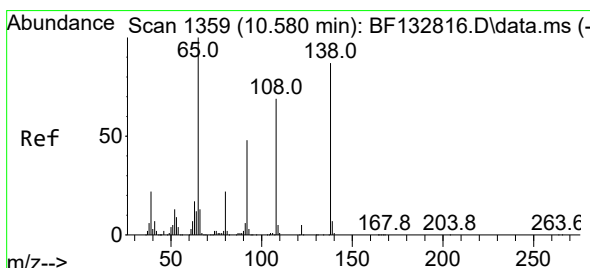
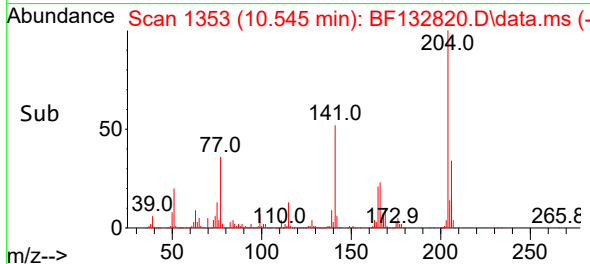
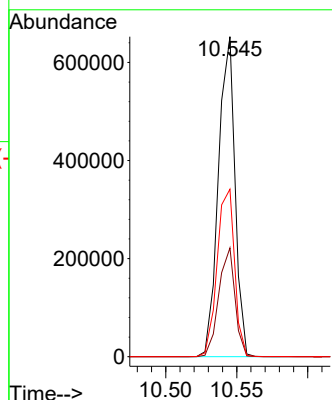
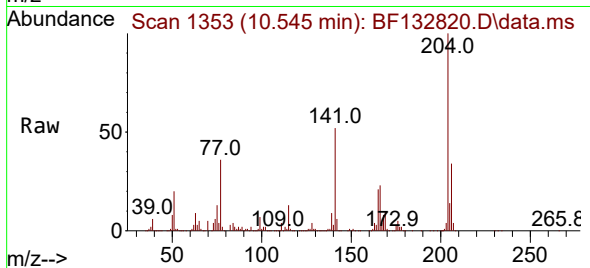




#61
4-Chlorophenyl-phenylether
Concen: 38.107 ng
RT: 10.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

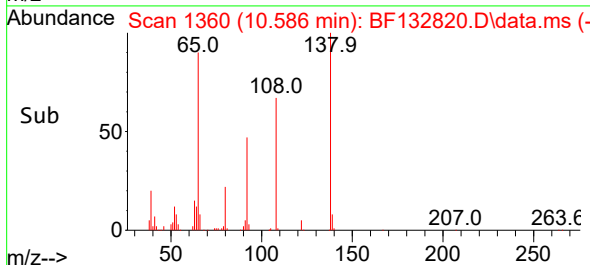
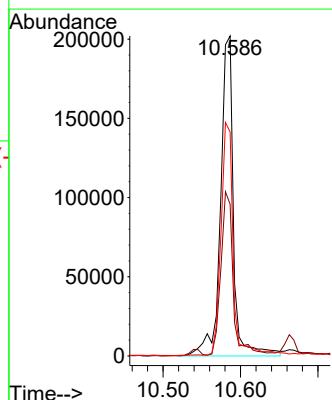
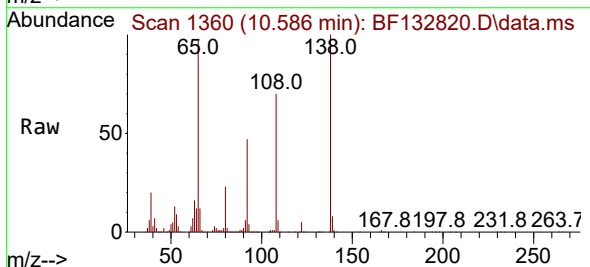
Instrument :
BNA_F
ClientSampleId :

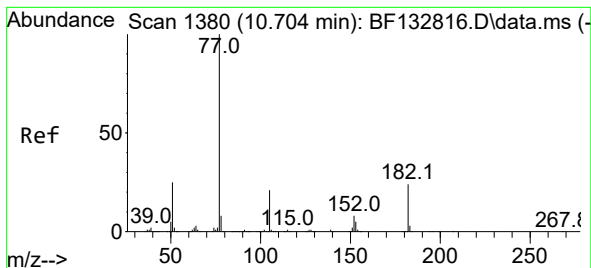
Tgt Ion:204 Resp: 530398
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 52.3 41.9 62.9



#62
4-Nitroaniline
Concen: 37.905 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:138 Resp: 234478
Ion Ratio Lower Upper
138 100
92 47.4 34.9 74.9
108 69.9 58.8 98.8





#63

Azobenzene

Concen: 38.855 ng

RT: 10.704 min Scan# 1

Delta R.T. 0.000 min

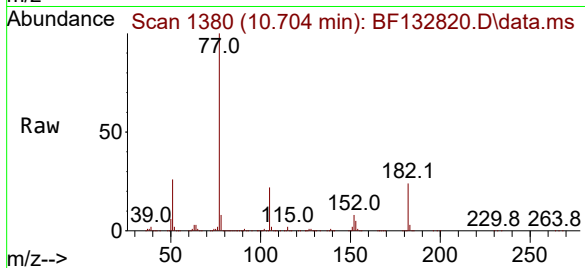
Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 1077462

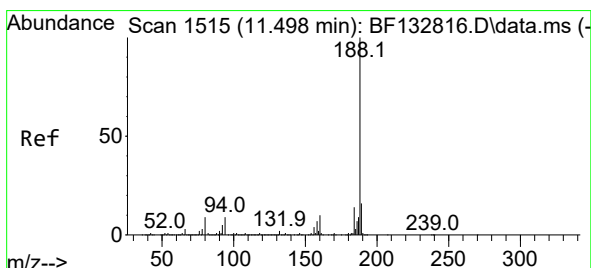
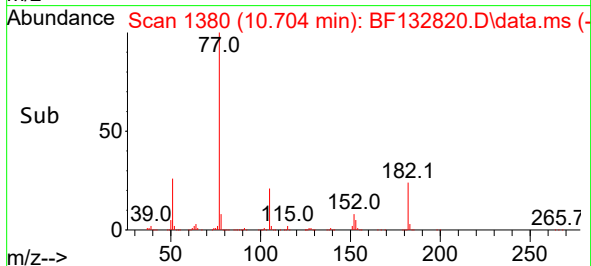
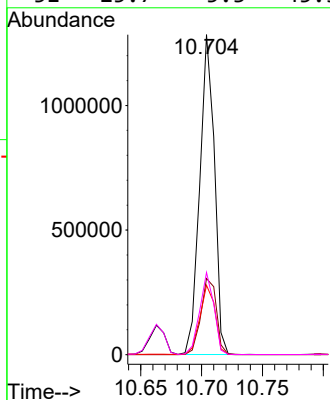
Ion Ratio Lower Upper

77 100

182 23.8 3.8 43.8

105 21.7 1.2 41.2

51 25.7 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

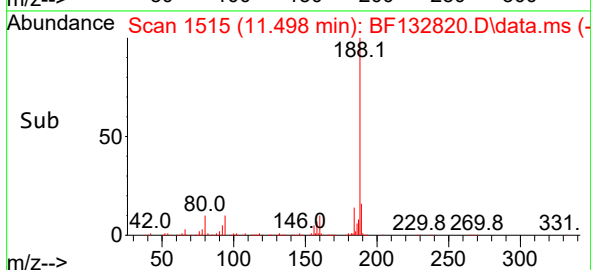
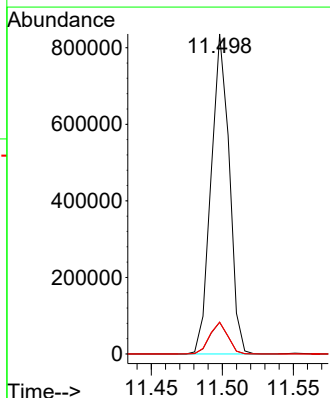
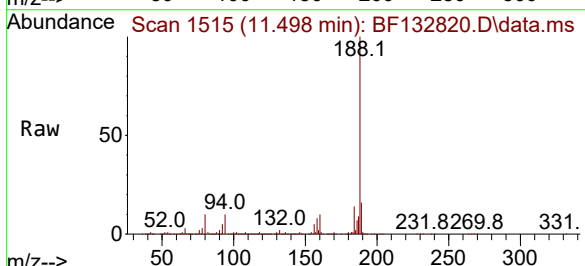
Tgt Ion: 188 Resp: 743074

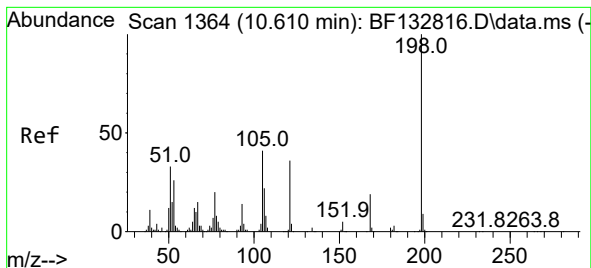
Ion Ratio Lower Upper

188 100

94 9.9 7.5 11.3

80 10.0 7.5 11.3

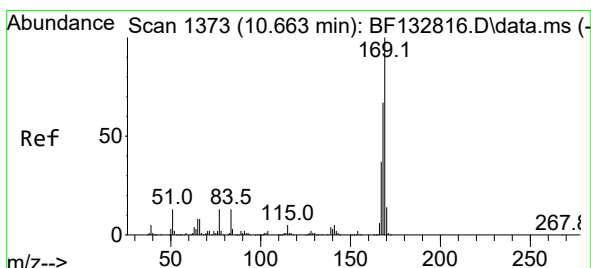
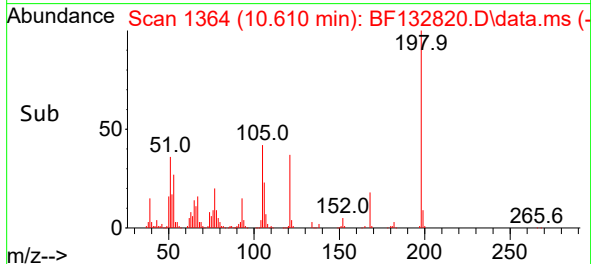
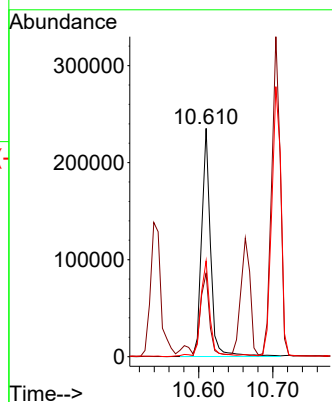
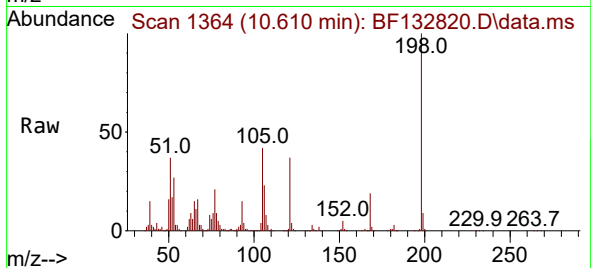




#65
4,6-Dinitro-2-methylphenol
Concen: 43.002 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

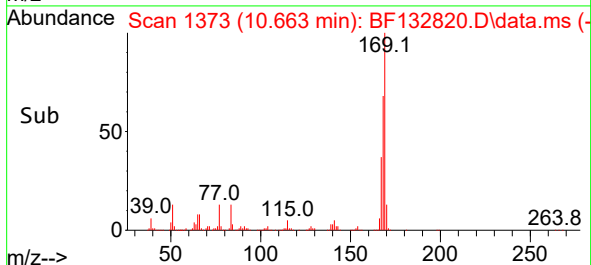
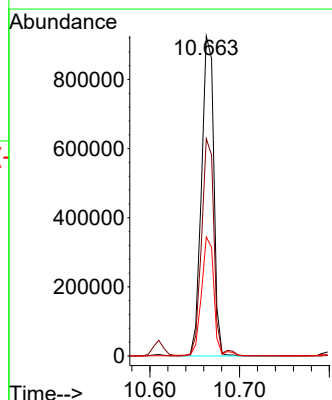
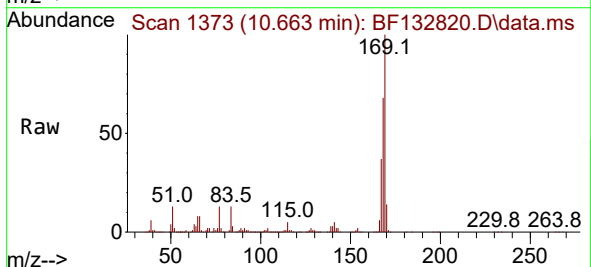
Instrument :
BNA_F
ClientSampleId :

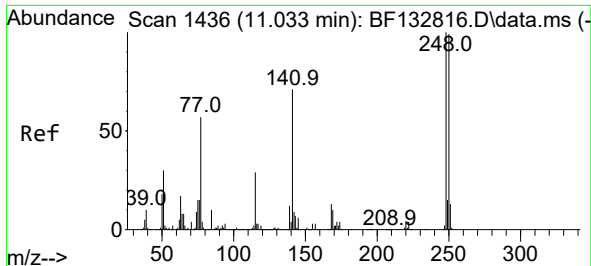
Tgt Ion:198 Resp: 195840
Ion Ratio Lower Upper
198 100
51 36.6 15.6 55.6
105 42.0 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 38.174 ng
RT: 10.663 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:169 Resp: 876659
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 37.2 29.6 44.4

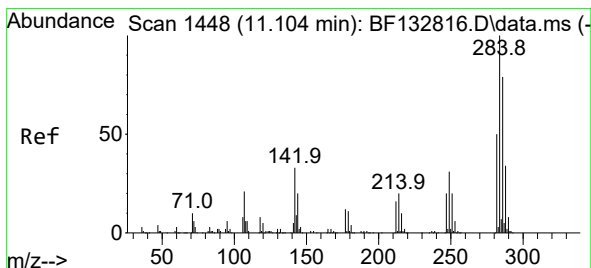
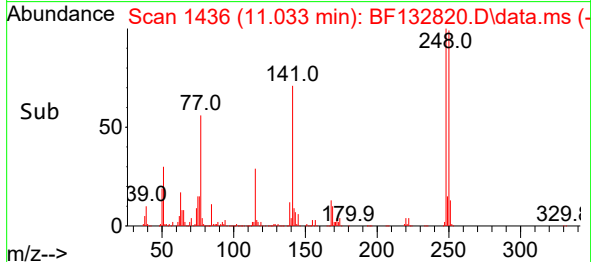
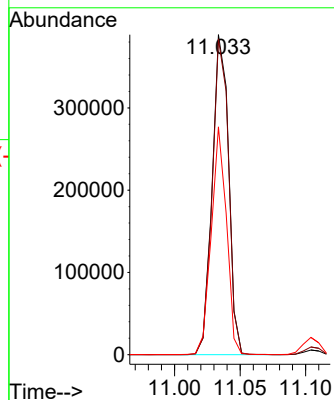
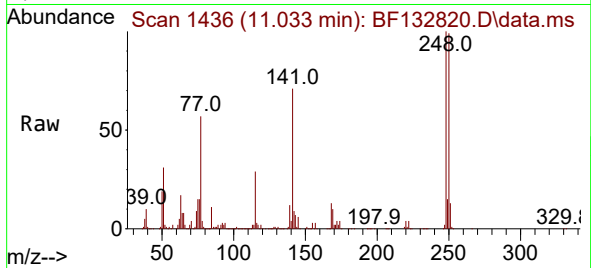




#67
4-Bromophenyl-phenylether
Concen: 39.357 ng
RT: 11.033 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

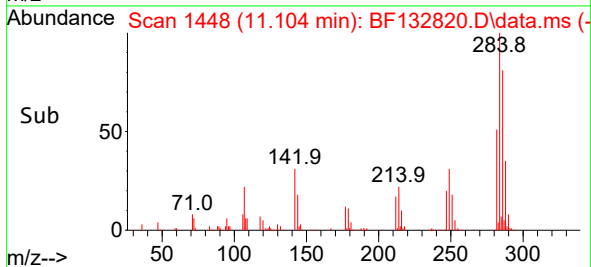
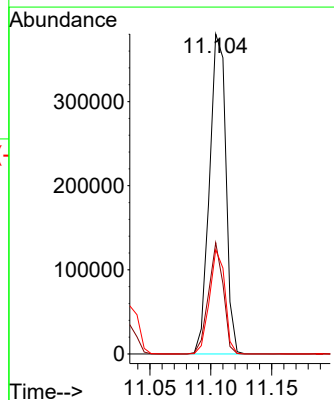
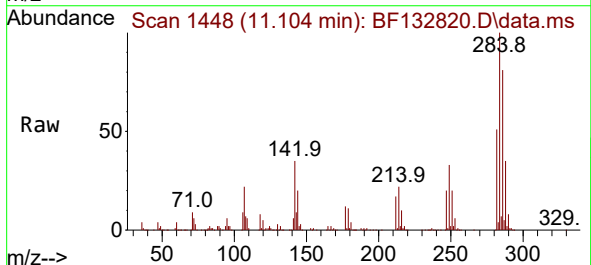
Instrument :
BNA_F
ClientSampleId :

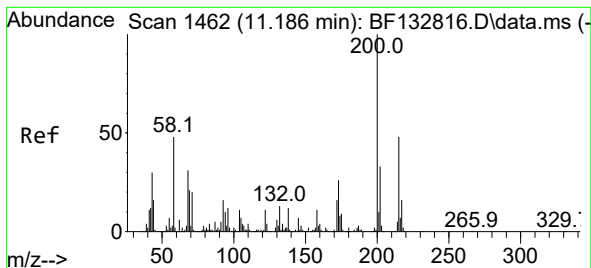
Tgt Ion:248 Resp: 338111
Ion Ratio Lower Upper
248 100
250 98.7 79.1 118.7
141 71.2 57.1 85.7



#68
Hexachlorobenzene
Concen: 39.085 ng
RT: 11.104 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:284 Resp: 355585
Ion Ratio Lower Upper
284 100
142 34.7 26.2 39.2
249 32.5 24.9 37.3





#69

Atrazine

Concen: 41.524 ng

RT: 11.192 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

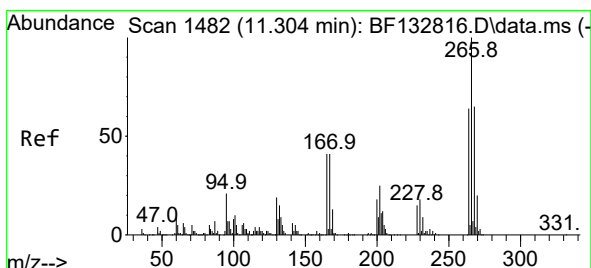
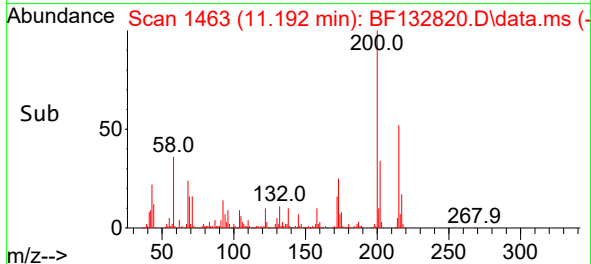
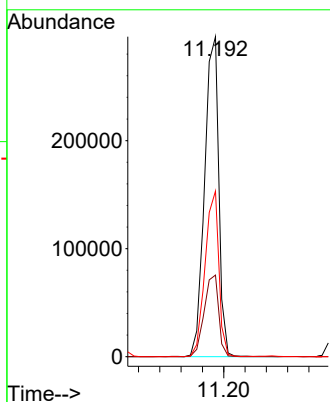
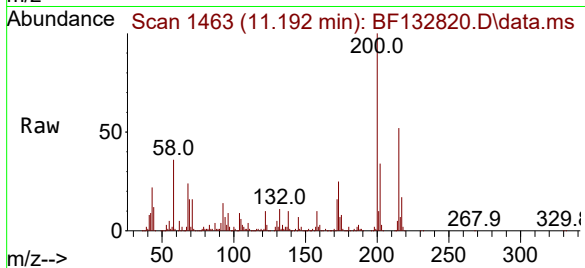
Tgt Ion:200 Resp: 274616

Ion Ratio Lower Upper

200 100

173 25.5 6.5 46.5

215 51.7 28.0 68.0



#70

Pentachlorophenol

Concen: 43.081 ng

RT: 11.304 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

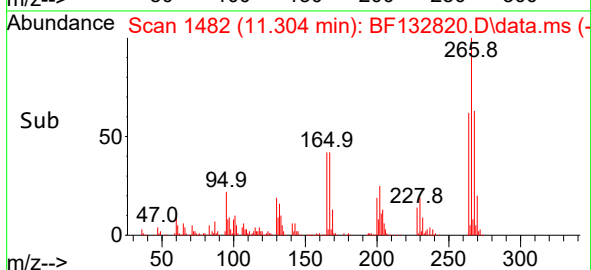
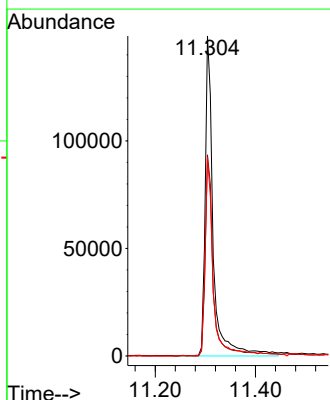
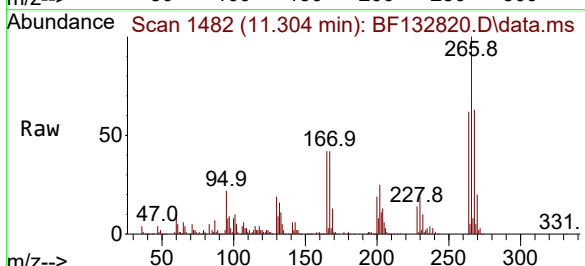
Tgt Ion:266 Resp: 166296

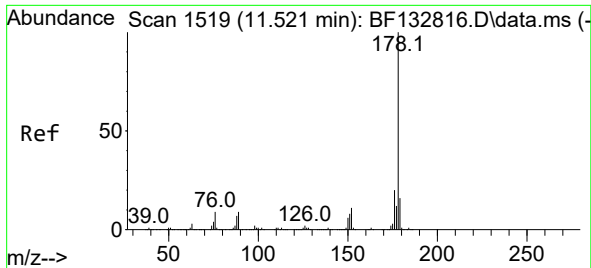
Ion Ratio Lower Upper

266 100

268 62.9 51.6 77.4

264 62.2 51.0 76.4

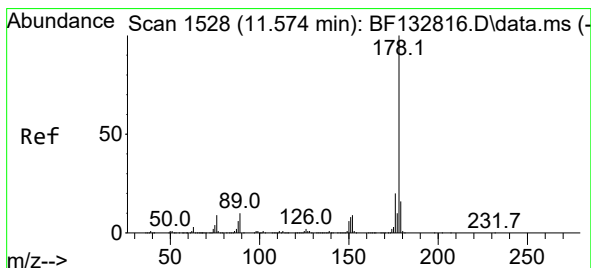
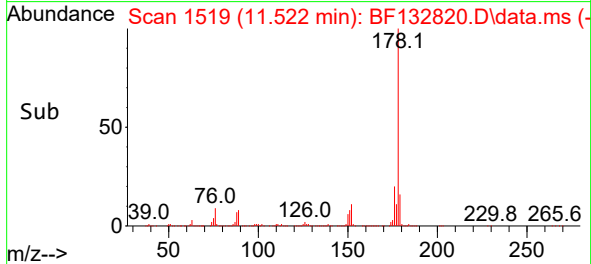
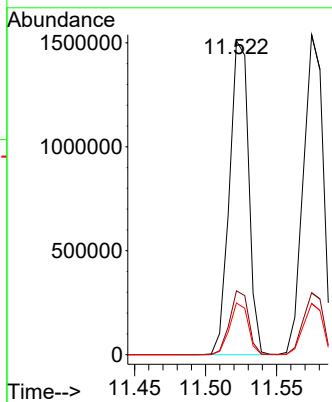
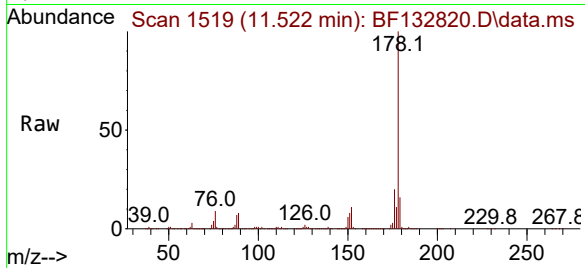




#71
Phenanthrene
Concen: 38.103 ng
RT: 11.522 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

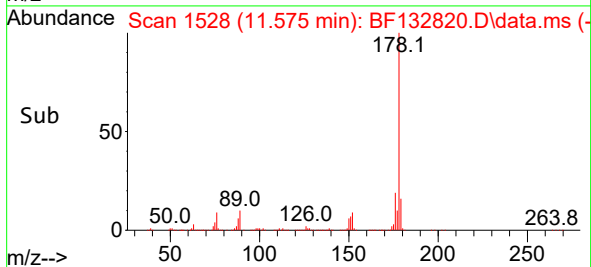
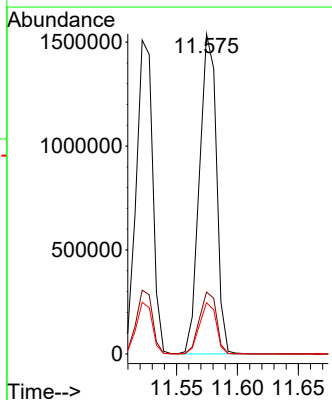
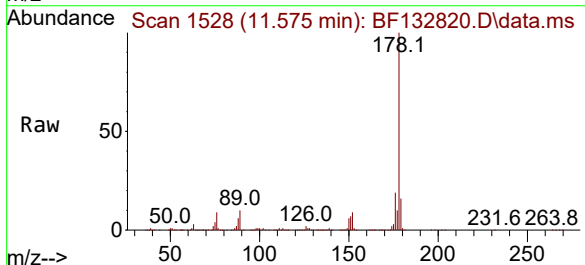
Instrument :
BNA_F
ClientSampleId :

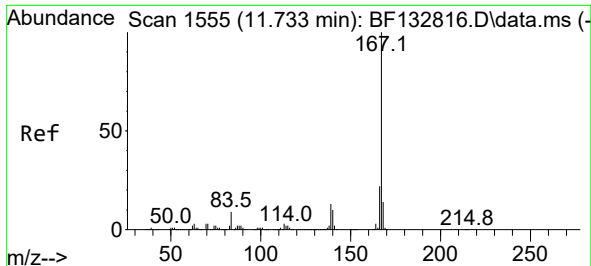
Tgt Ion:178 Resp: 1425151
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 16.5 13.1 19.7



#72
Anthracene
Concen: 38.920 ng
RT: 11.575 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

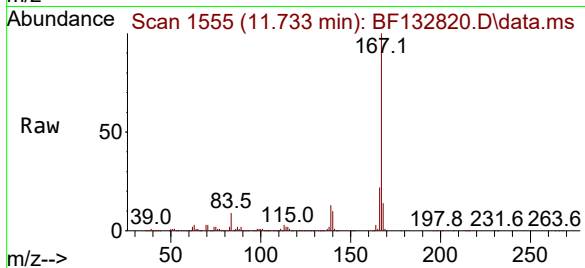
Tgt Ion:178 Resp: 1491205
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 16.0 12.8 19.2





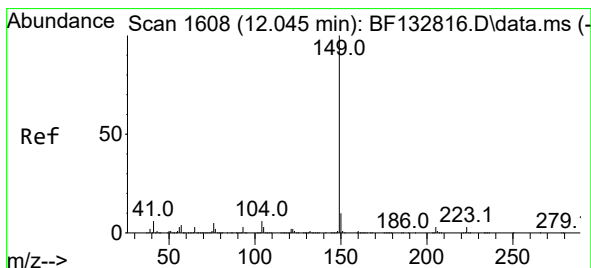
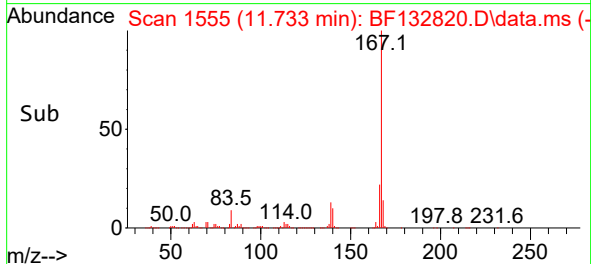
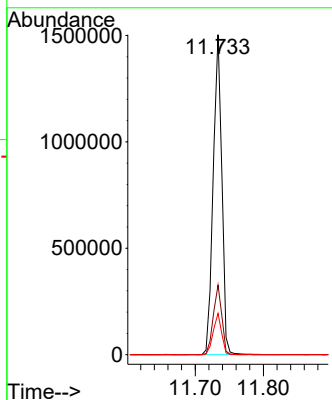
#73
 Carbazole
 Concen: 38.532 ng
 RT: 11.733 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1325546

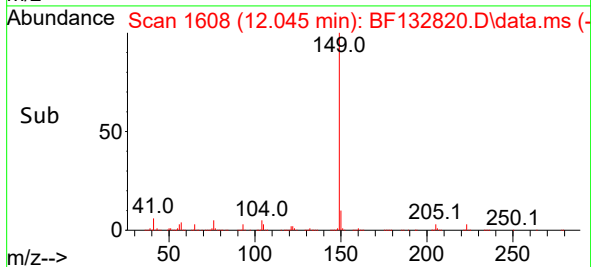
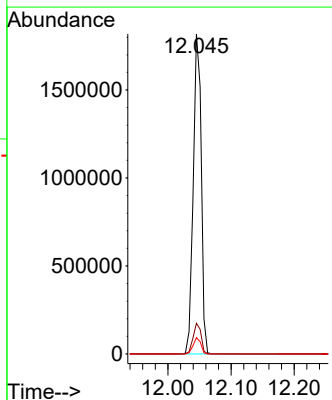
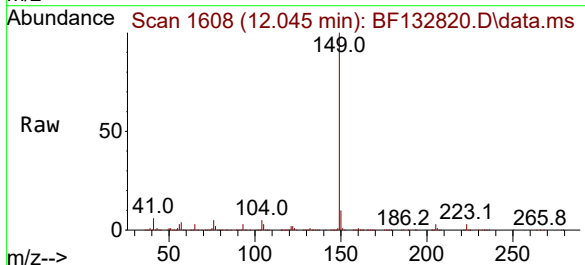
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.9	10.2	15.2

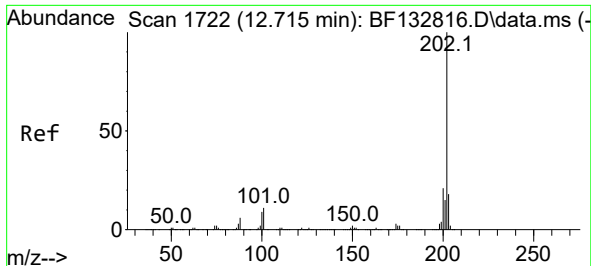


#74
 Di-n-butylphthalate
 Concen: 38.948 ng
 RT: 12.045 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF132820.D
 Acq: 16 Mar 2023 19:02

Tgt Ion:149 Resp: 1596270

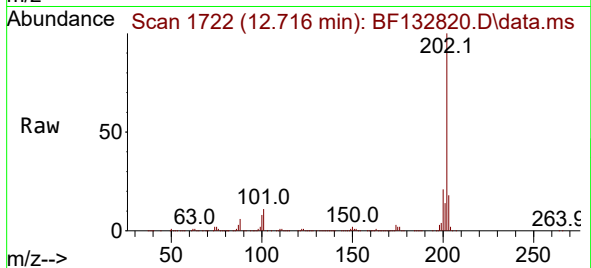
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	5.1	4.4	6.6



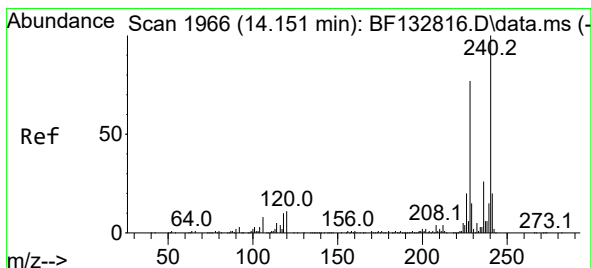
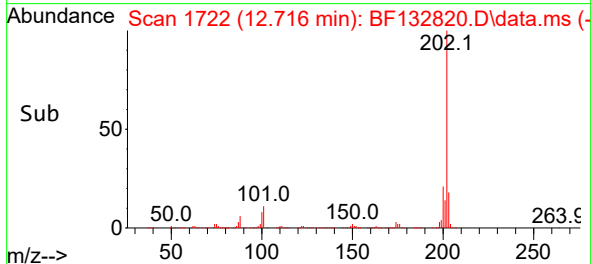
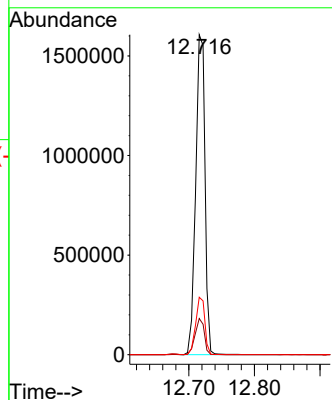


#75
Fluoranthene
Concen: 38.985 ng
RT: 12.716 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :

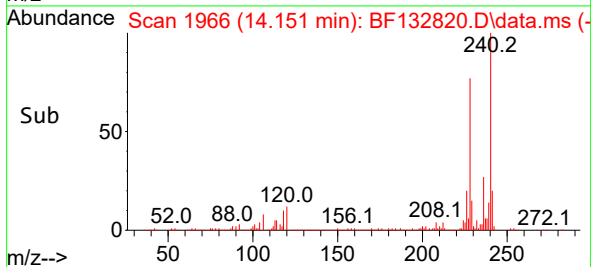
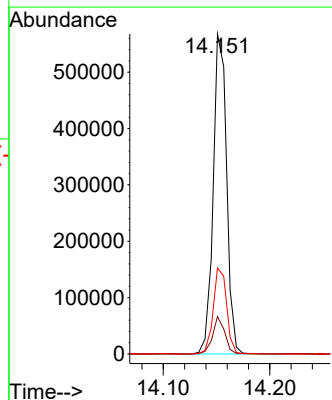
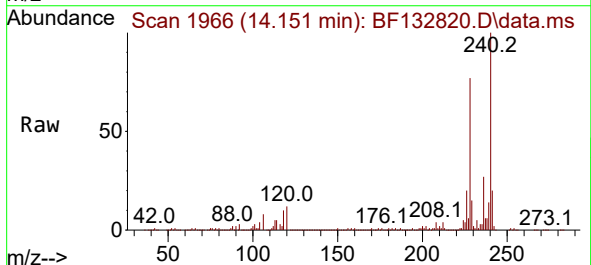


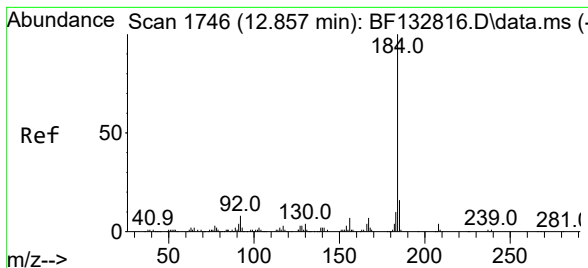
Tgt Ion:202 Resp: 1586840
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 18.0 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:240 Resp: 496765
Ion Ratio Lower Upper
240 100
120 11.7 9.1 13.7
236 26.9 21.2 31.8





#77

Benzidine

Concen: 38.180 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

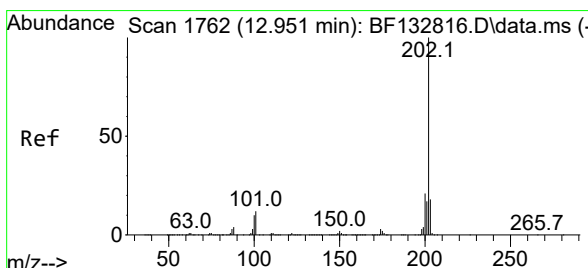
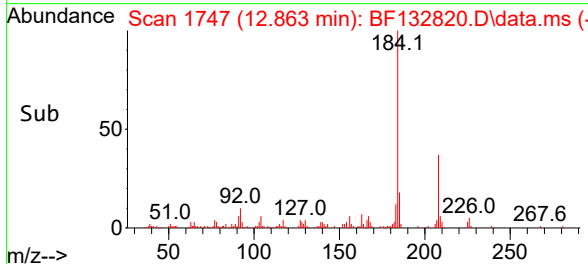
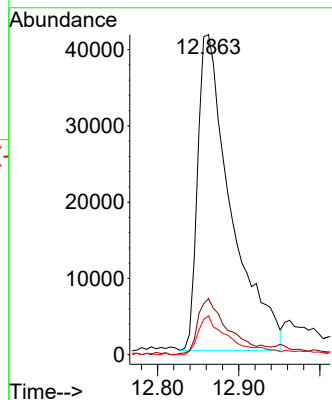
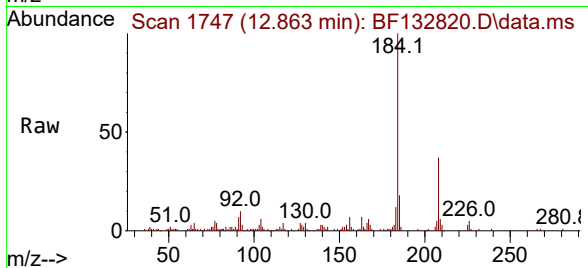
Tgt Ion:184 Resp: 118117

Ion Ratio Lower Upper

184 100

185 17.5 12.6 19.0

183 12.2 8.2 12.4



#78

Pyrene

Concen: 39.093 ng

RT: 12.951 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

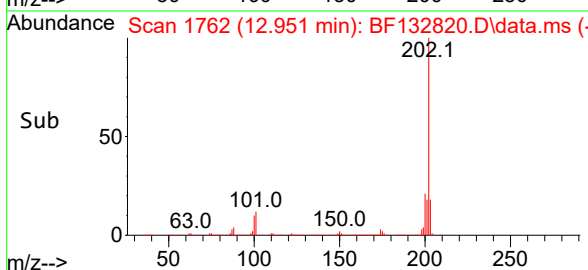
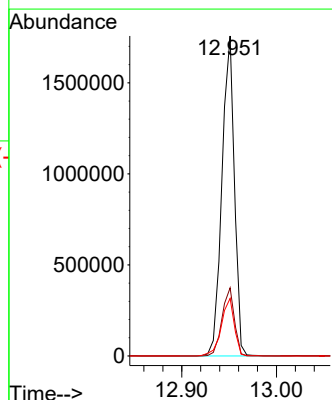
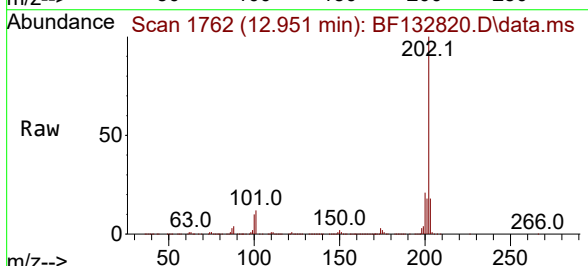
Tgt Ion:202 Resp: 1614011

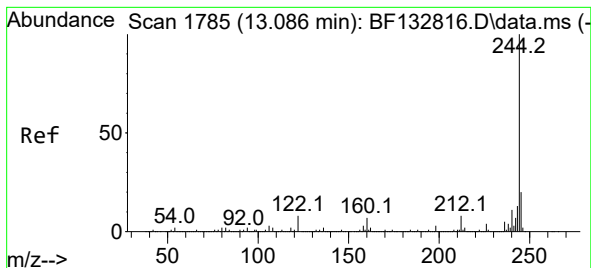
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 74.361 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

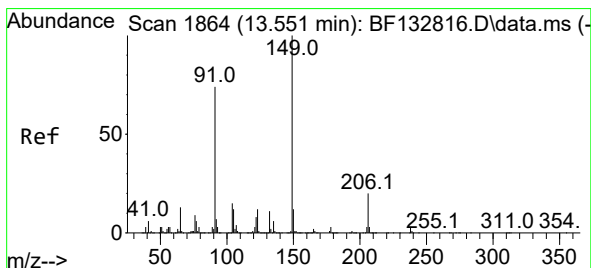
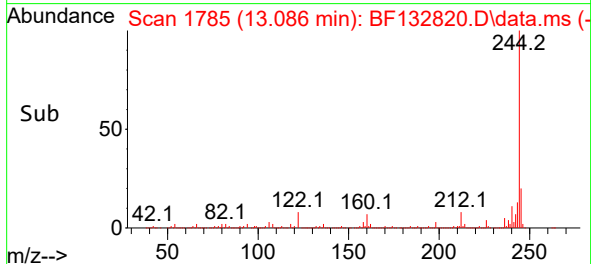
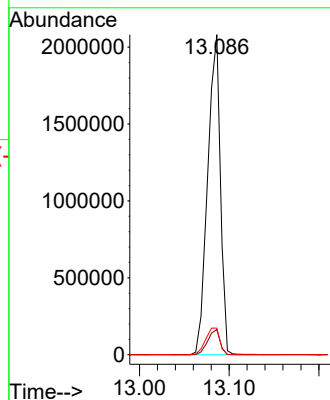
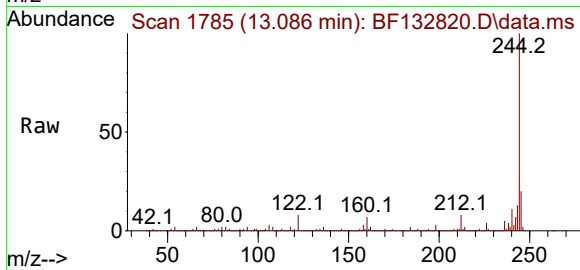
Tgt Ion:244 Resp: 2045737

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.3 6.6 9.8



#80

Butylbenzylphthalate

Concen: 40.114 ng

RT: 13.551 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

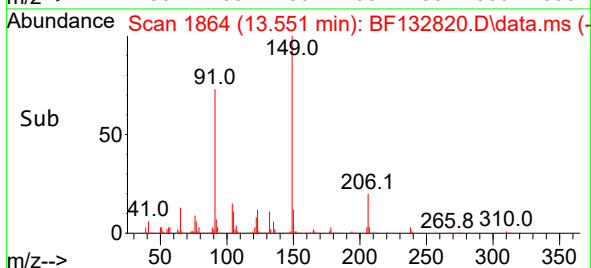
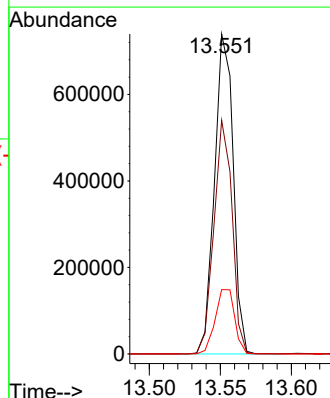
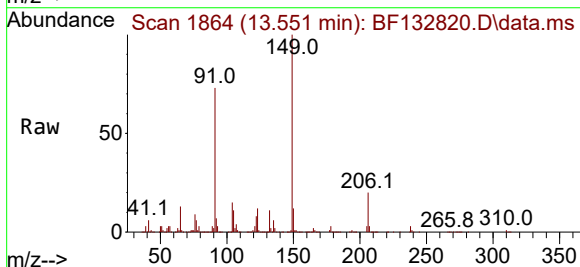
Tgt Ion:149 Resp: 677544

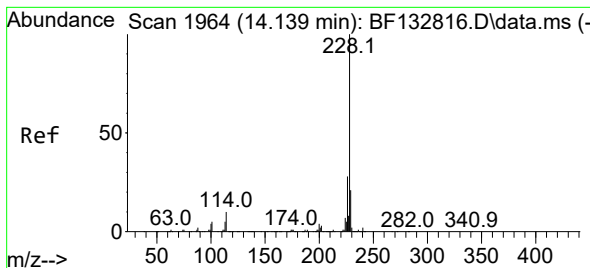
Ion Ratio Lower Upper

149 100

91 73.1 59.5 89.3

206 20.1 16.2 24.4





#81

Benzo(a)anthracene

Concen: 39.384 ng

RT: 14.139 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

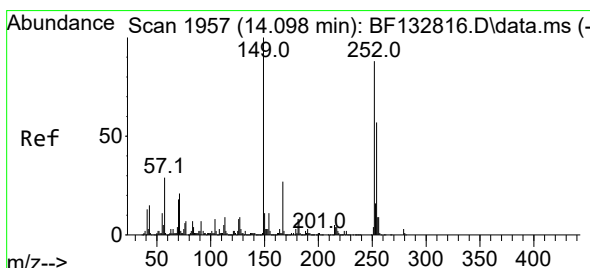
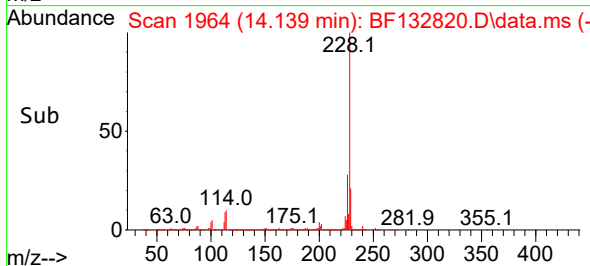
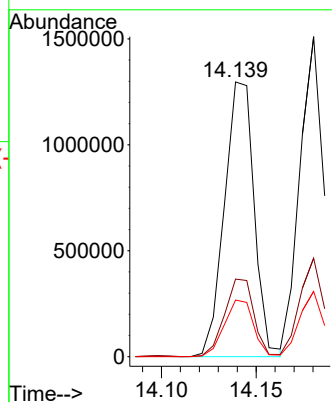
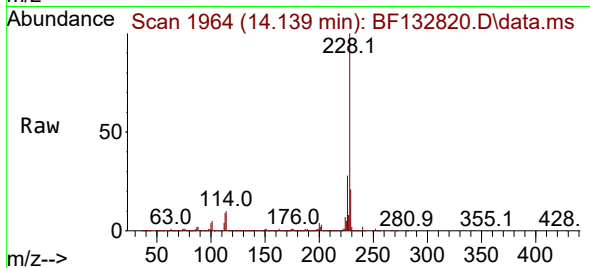
Tgt Ion:228 Resp: 1416148

Ion Ratio Lower Upper

228 100

226 28.3 22.2 33.4

229 20.6 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.798 ng

RT: 14.098 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

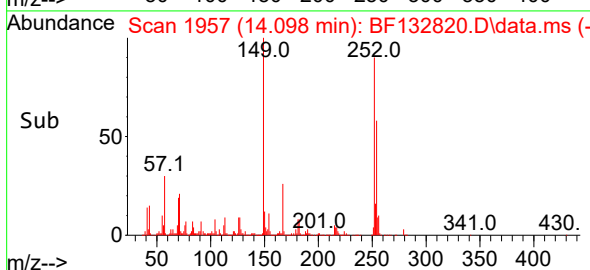
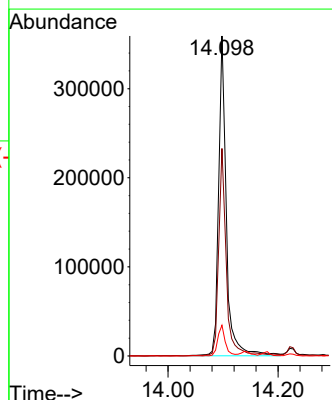
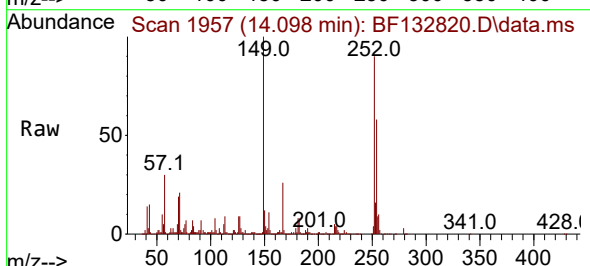
Tgt Ion:252 Resp: 352800

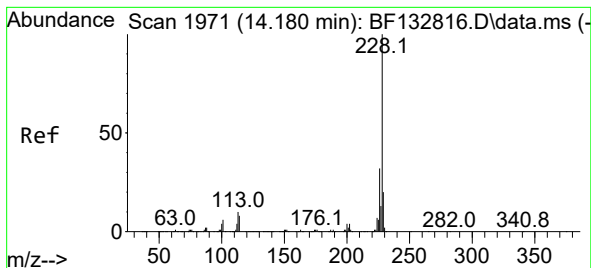
Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.4

126 9.6 7.5 11.3





#83

Chrysene

Concen: 38.885 ng

RT: 14.180 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

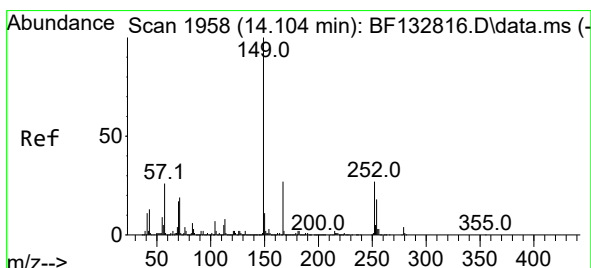
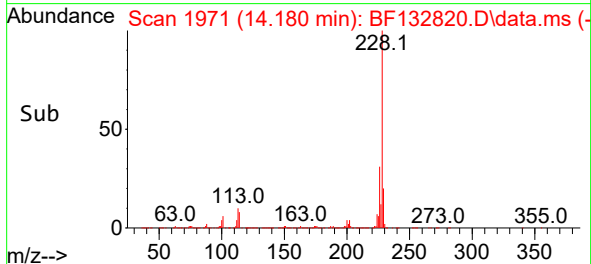
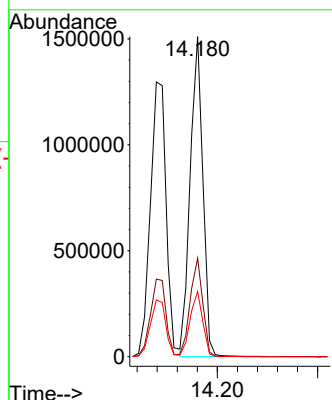
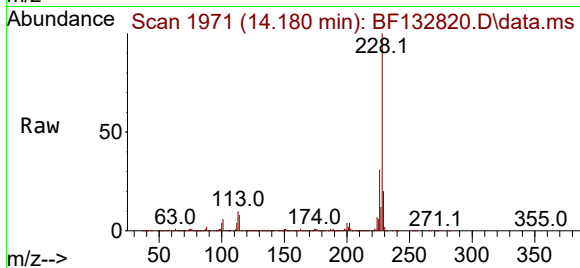
Tgt Ion:228 Resp: 1321241

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.888 ng

RT: 14.104 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

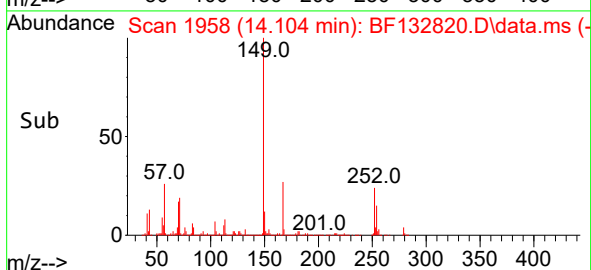
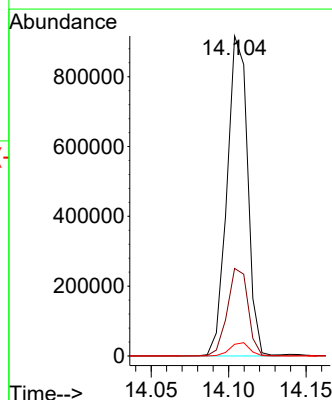
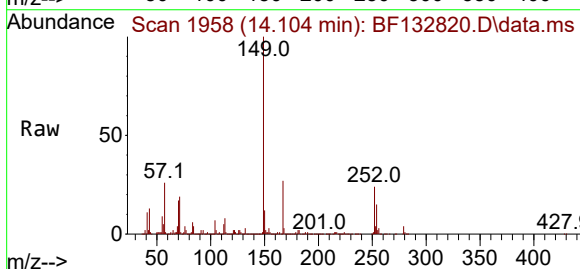
Tgt Ion:149 Resp: 847185

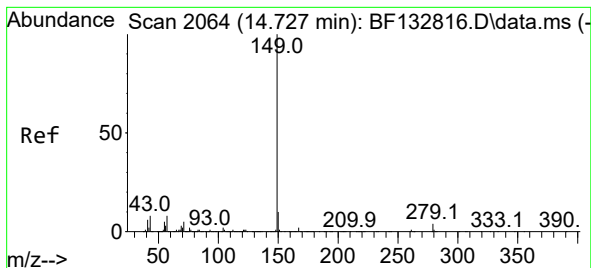
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.918 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

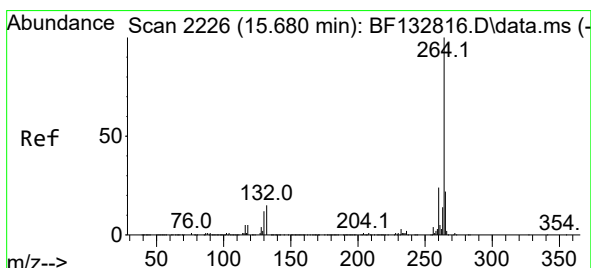
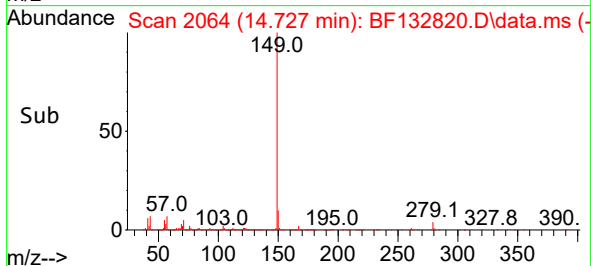
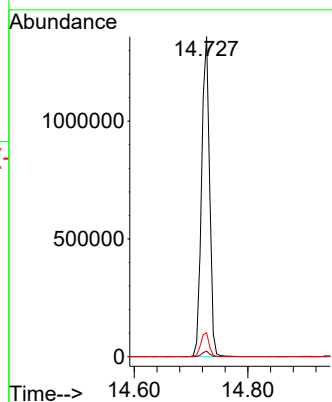
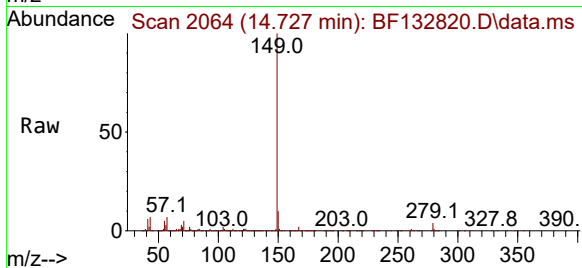
Tgt Ion:149 Resp: 1328183

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.8 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

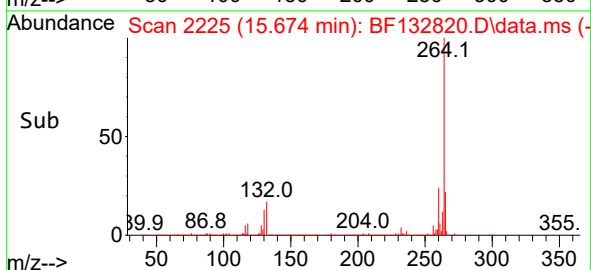
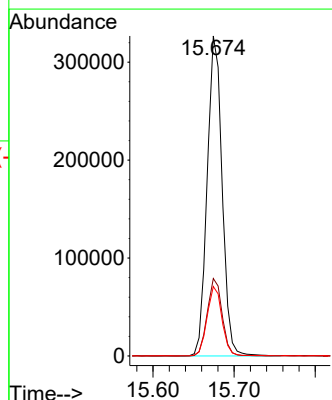
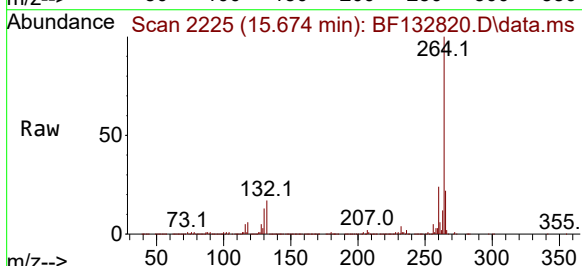
Tgt Ion:264 Resp: 416878

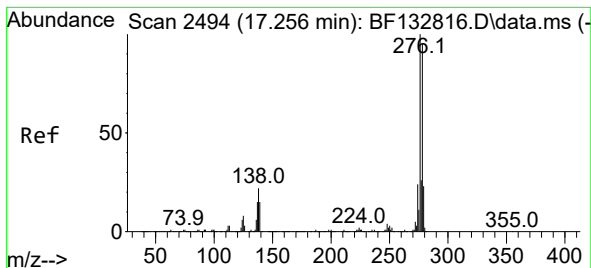
Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.368 ng

RT: 17.251 min Scan# 2494

Delta R.T. -0.006 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

Instrument :

BNA_F

ClientSampleId :

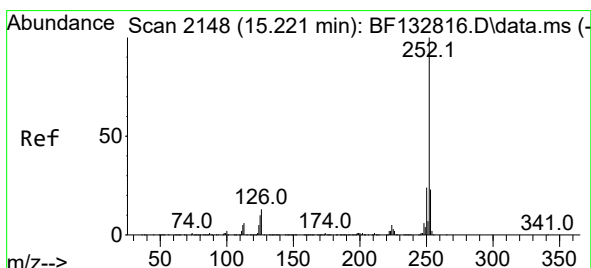
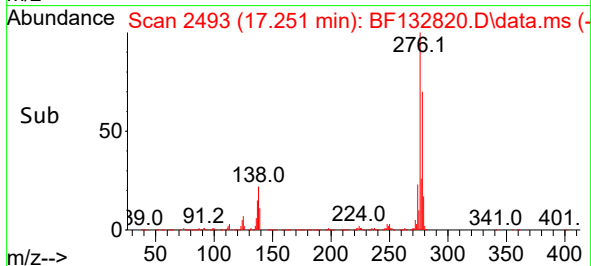
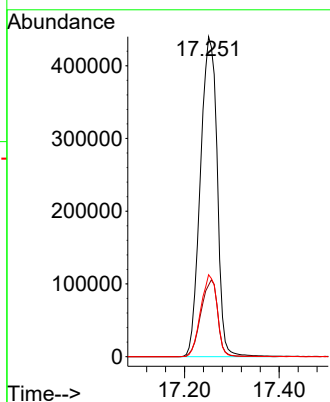
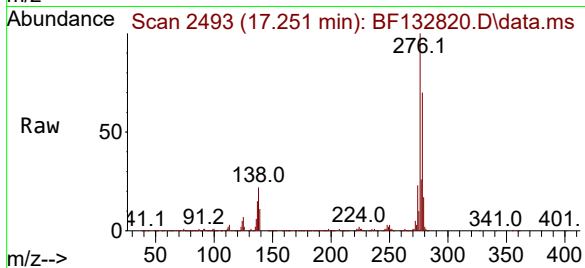
Tgt Ion:276 Resp: 1081032

Ion Ratio Lower Upper

276 100

138 23.8 18.8 28.2

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.259 ng

RT: 15.221 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF132820.D

Acq: 16 Mar 2023 19:02

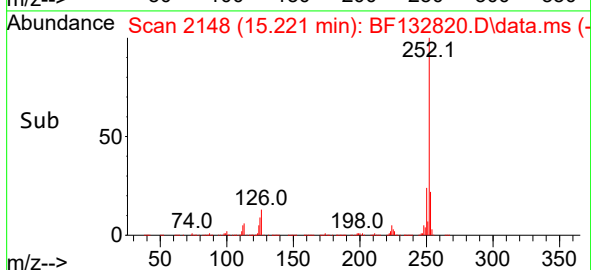
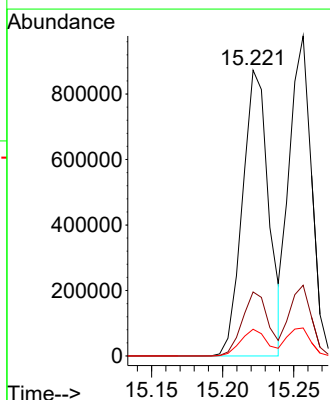
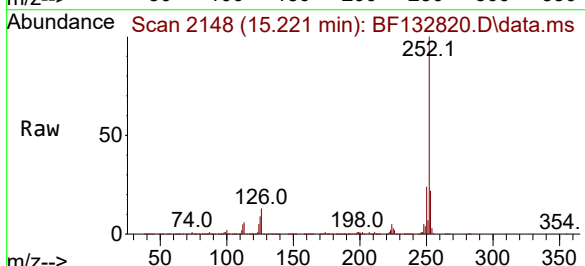
Tgt Ion:252 Resp: 1121938

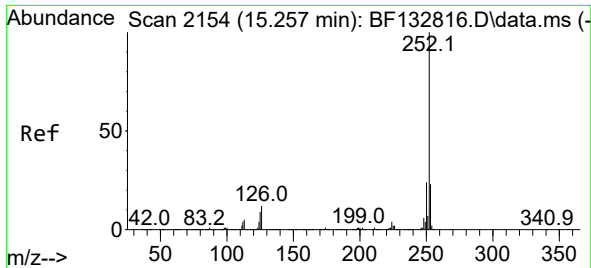
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 9.4 7.8 11.8

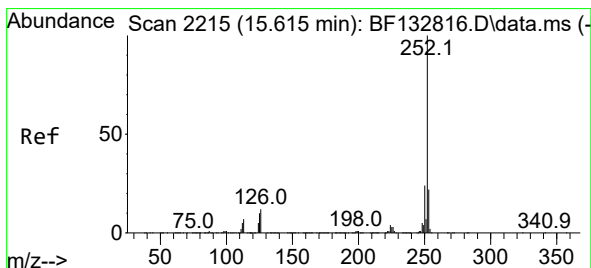
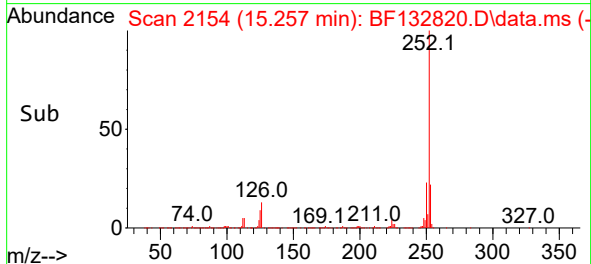
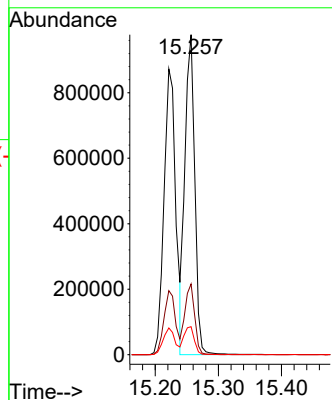
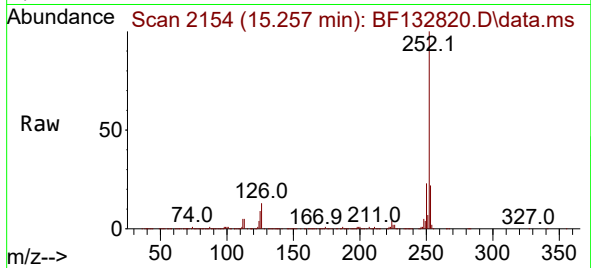




#89
Benzo(k)fluoranthene
Concen: 40.087 ng
RT: 15.257 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

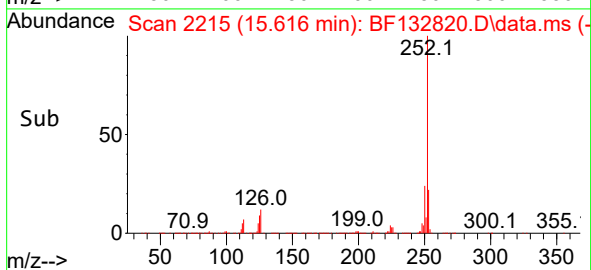
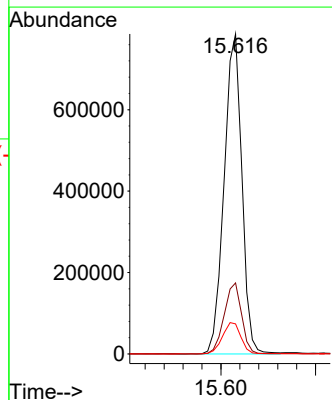
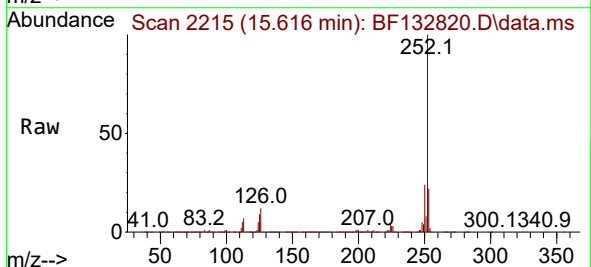
Instrument :
BNA_F
ClientSampleId :

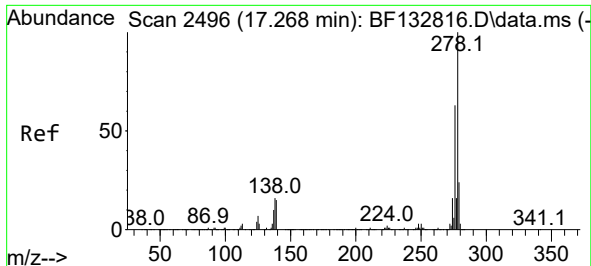
Tgt Ion:252 Resp: 1065281
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 8.8 7.2 10.8



#90
Benzo(a)pyrene
Concen: 40.387 ng
RT: 15.616 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

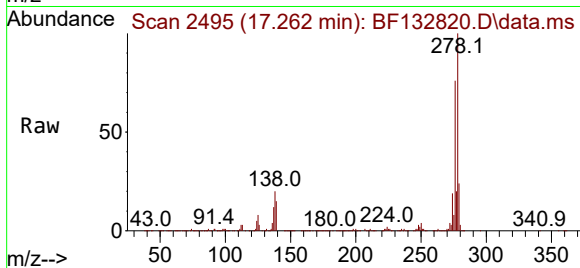
Tgt Ion:252 Resp: 1023828
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.4 7.7 11.5



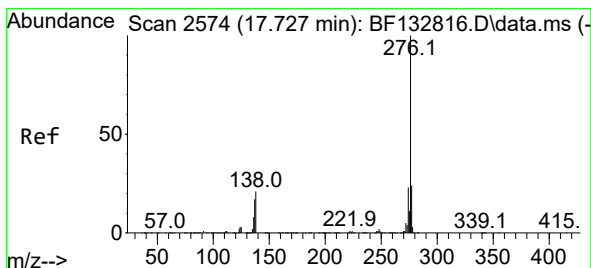
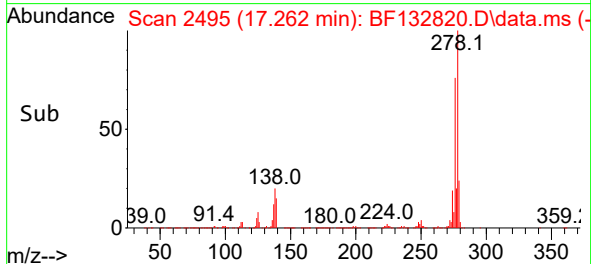
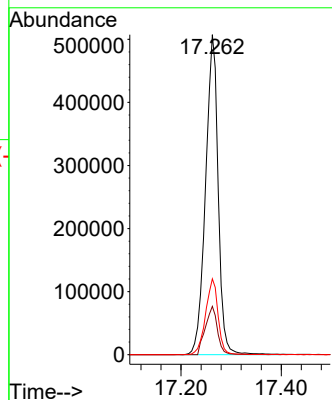


#91
Dibenzo(a,h)anthracene
Concen: 41.644 ng
RT: 17.262 min Scan# 2496
Delta R.T. -0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 888094
Ion Ratio Lower Upper
278 100
139 15.1 11.8 17.8
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 42.084 ng
RT: 17.733 min Scan# 2575
Delta R.T. 0.006 min
Lab File: BF132820.D
Acq: 16 Mar 2023 19:02

Tgt Ion:276 Resp: 937744
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 20.0 16.8 25.2

