

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132816.D
 Acq On : 16 Mar 2023 16:49
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 02:33:09 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 02:26:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	212890	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	712855	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	380135	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	739105	20.000	ng	0.00
76) Chrysene-d12	14.151	240	497721	20.000	ng	0.00
86) Perylene-d12	15.680	264	407871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	960567	73.229	ng	0.00
7) Phenol-d6	6.598	99	1249660	72.997	ng	0.00
23) Nitrobenzene-d5	7.533	82	1123026	74.743	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	317820	77.417	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1716097	68.740	ng	0.00
79) Terphenyl-d14	13.086	244	2085555	70.846	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	280419	38.647	ng	100
3) Pyridine	3.581	79	727635	37.779	ng	100
4) n-Nitrosodimethylamine	3.546	42	261899	35.999	ng	100
6) Aniline	6.634	93	777455	33.746	ng	100
8) 2-Chlorophenol	6.751	128	524736	38.544	ng	100
9) Benzaldehyde	6.516	77	214736	23.246	ng	100
10) Phenol	6.610	94	728452	37.115	ng	100
11) bis(2-Chloroethyl)ether	6.698	93	676859	44.673	ng	100
12) 1,3-Dichlorobenzene	6.904	146	560707	38.379	ng	100
13) 1,4-Dichlorobenzene	6.981	146	561992	38.524	ng	100
14) 1,2-Dichlorobenzene	7.133	146	509303	36.378	ng	100
15) Benzyl Alcohol	7.104	79	398233	30.205	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.233	45	660043	34.161	ng	100
17) 2-Methylphenol	7.216	107	481376	37.886	ng	100
18) Hexachloroethane	7.475	117	217536	38.169	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	335271	31.822	ng	100
20) 3+4-Methylphenols	7.369	107	526469	32.072	ng	100
22) Acetophenone	7.375	105	659629	36.697	ng	100
24) Nitrobenzene	7.551	77	612919	38.143	ng	100
25) Isophorone	7.786	82	1066736	37.031	ng	100
26) 2-Nitrophenol	7.863	139	280799	39.605	ng	100
27) 2,4-Dimethylphenol	7.898	122	422691	37.774	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	652680	38.731	ng	100
29) 2,4-Dichlorophenol	8.110	162	454552	40.836	ng	100
30) 1,2,4-Trichlorobenzene	8.186	180	479692	39.687	ng	100
31) Naphthalene	8.269	128	1366657	37.449	ng	100
32) Benzoic acid	8.028	122	223454	27.589	ng	100
33) 4-Chloroaniline	8.322	127	425126	27.185	ng	100
34) Hexachlorobutadiene	8.375	225	305871	39.823	ng	100
35) Caprolactam	8.704	113	122132	33.281	ng	100
36) 4-Chloro-3-methylphenol	8.804	107	468754	38.346	ng	100
37) 2-Methylnaphthalene	8.957	142	936504	37.656	ng	100
38) 1-Methylnaphthalene	9.057	142	893658	38.450	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	490453	39.435	ng	100
41) Hexachlorocyclopentadiene	9.110	237	230634	34.189	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	324413	38.490	ng	100

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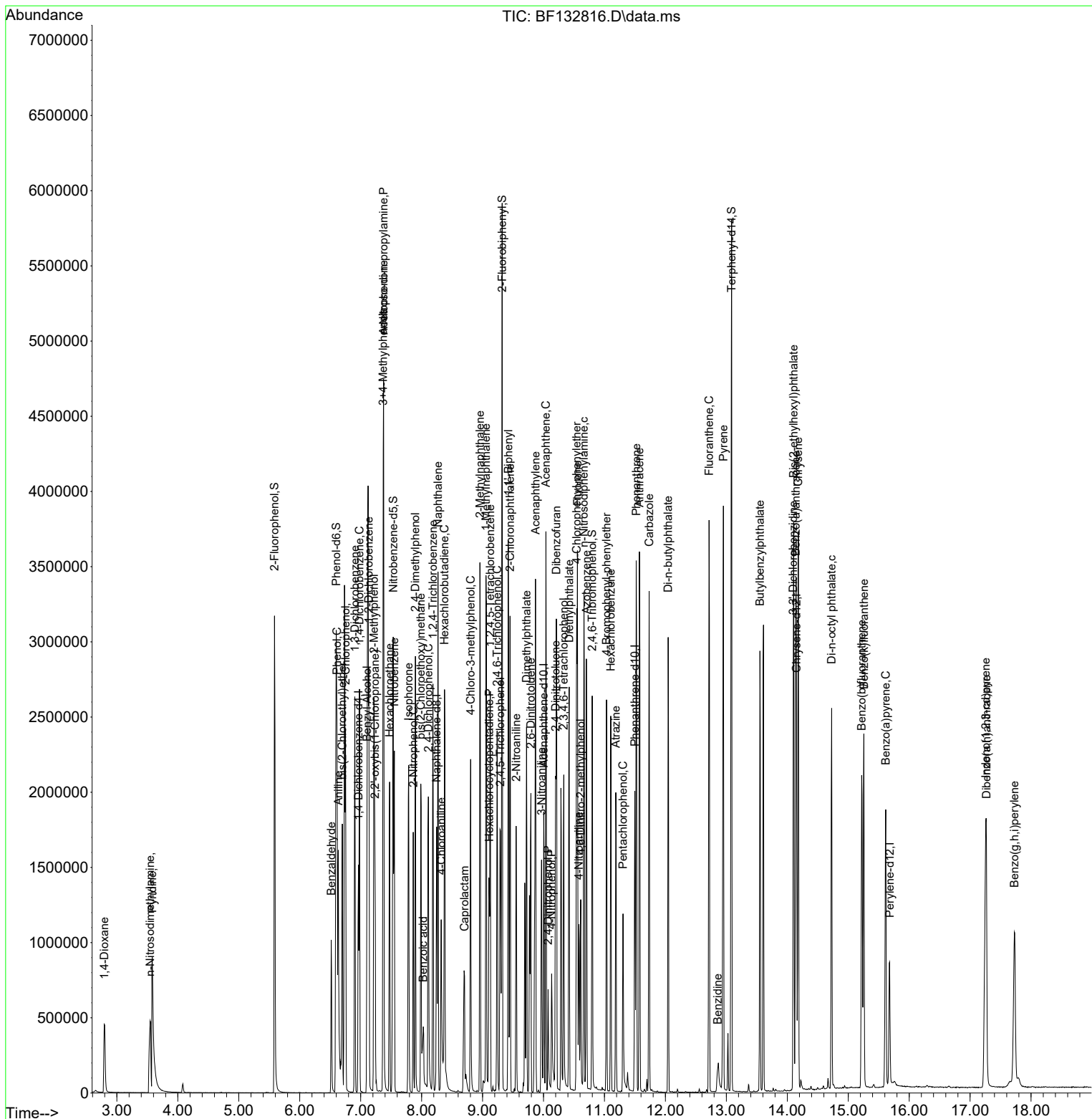
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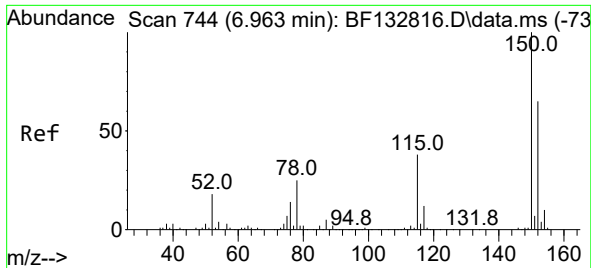
Quant Time: Mar 17 02:33:09 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 02:26:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	385205	39.158	ng	100
46) 1,1'-Biphenyl	9.422	154	1091048	37.921	ng	100
47) 2-Chloronaphthalene	9.451	162	866456	37.983	ng	100
48) 2-Nitroaniline	9.551	65	295403	35.160	ng	100
49) Acenaphthylene	9.869	152	1361210	37.494	ng	100
50) Dimethylphthalate	9.722	163	1072672	38.755	ng	100
51) 2,6-Dinitrotoluene	9.792	165	244056	38.717	ng	100
52) Acenaphthene	10.039	154	791227	34.322	ng	100
53) 3-Nitroaniline	9.969	138	275444	39.063	ng	100
54) 2,4-Dinitrophenol	10.074	184	105176	28.445	ng	100
55) Dibenzofuran	10.210	168	1229750	36.591	ng	100
56) 4-Nitrophenol	10.133	139	176556	33.575	ng	100
57) 2,4-Dinitrotoluene	10.198	165	311977	37.202	ng	100
58) Fluorene	10.557	166	955754	37.179	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	284792	38.972	ng	100
60) Diethylphthalate	10.422	149	1027863	38.023	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	512098	38.400	ng	100
62) 4-Nitroaniline	10.580	138	224841	32.484	ng	100
63) Azobenzene	10.704	77	1051529	36.730	ng	100
65) 4,6-Dinitro-2-methylph...	10.610	198	185138	37.003	ng	100
66) n-Nitrosodiphenylamine	10.663	169	847292	36.771	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	326036	38.998	ng	100
68) Hexachlorobenzene	11.104	284	343323	39.027	ng	100
69) Atrazine	11.186	200	256008	35.589	ng	100
70) Pentachlorophenol	11.304	266	164266	31.385	ng	100
71) Phenanthrene	11.521	178	1394831	36.429	ng	100
72) Anthracene	11.574	178	1441155	36.550	ng	100
73) Carbazole	11.733	167	1312524	36.921	ng	100
74) Di-n-butylphthalate	12.045	149	1524231	36.552	ng	100
75) Fluoranthene	12.715	202	1603278	38.303	ng	100
77) Benzidine	12.857	184	185648	15.323	ng	100
78) Pyrene	12.951	202	1648975	36.440	ng	100
80) Butylbenzylphthalate	13.551	149	678418	37.991	ng	100
81) Benzo(a)anthracene	14.139	228	1413962	37.968	ng	100
82) 3,3'-Dichlorobenzidine	14.098	252	368934	33.603	ng	100
83) Chrysene	14.180	228	1306760	37.524	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	851246	38.805	ng	100
85) Di-n-octyl phthalate	14.727	149	1258343	39.254	ng	100
87) Indeno(1,2,3-cd)pyrene	17.256	276	1076559	40.282	ng	100
88) Benzo(b)fluoranthene	15.221	252	1115249	40.802	ng	100
89) Benzo(k)fluoranthene	15.257	252	1068305	39.935	ng	100
90) Benzo(a)pyrene	15.615	252	1002152	39.174	ng	100
91) Dibenzo(a,h)anthracene	17.268	278	896374	41.165	ng	100
92) Benzo(g,h,i)perylene	17.727	276	943964	41.627	ng	100

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

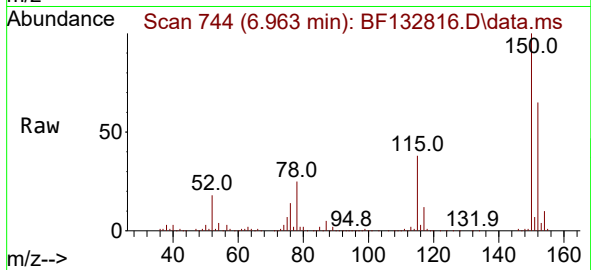
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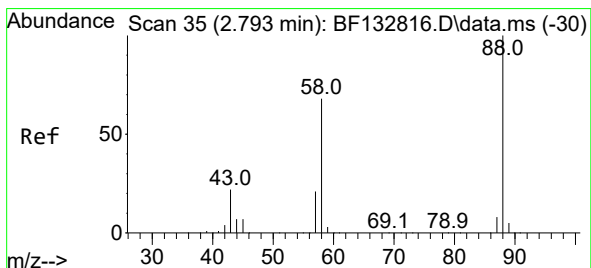
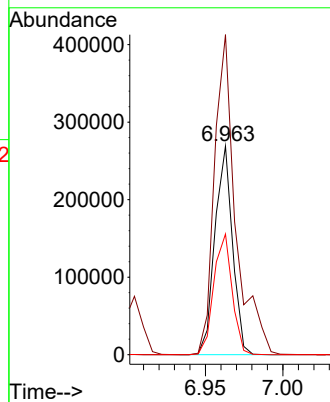
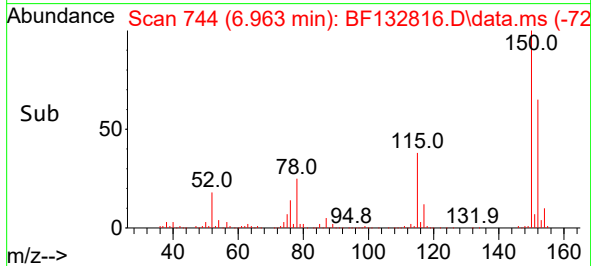


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

Instrument :
 BNA_F
 ClientSampleId :

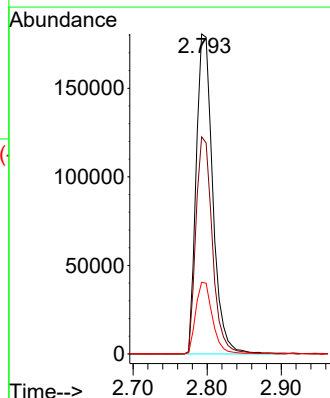
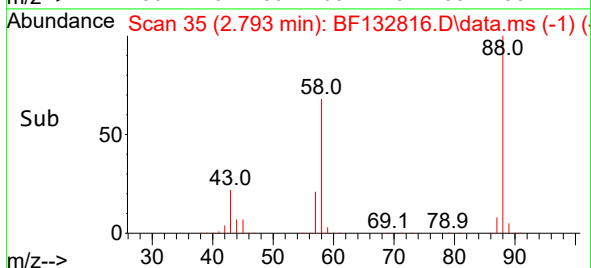
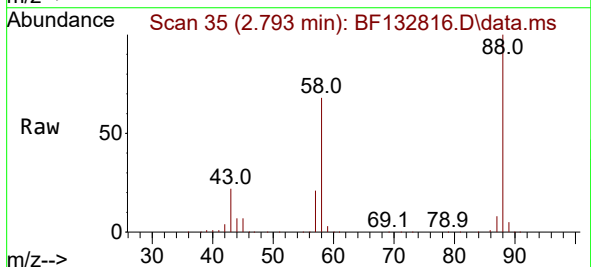


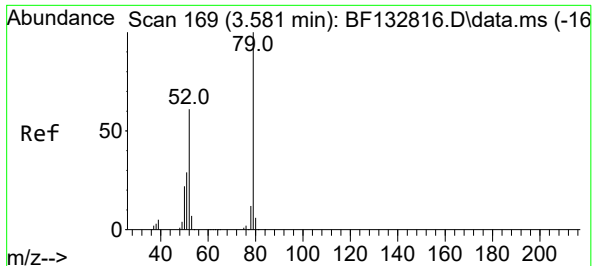
Tgt Ion:152 Resp: 212890
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.7 184.1
 115 57.8 46.2 69.4



#2
 1,4-Dioxane
 Concen: 38.647 ng
 RT: 2.793 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

Tgt Ion: 88 Resp: 280419
 Ion Ratio Lower Upper
 88 100
 58 67.3 53.8 80.8
 43 22.8 18.2 27.4

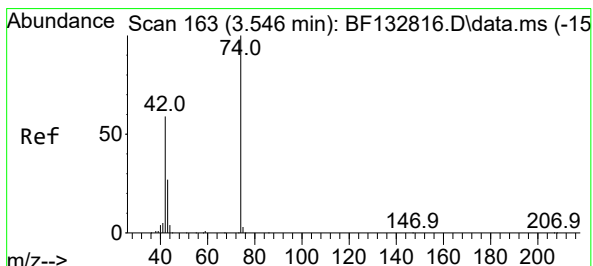
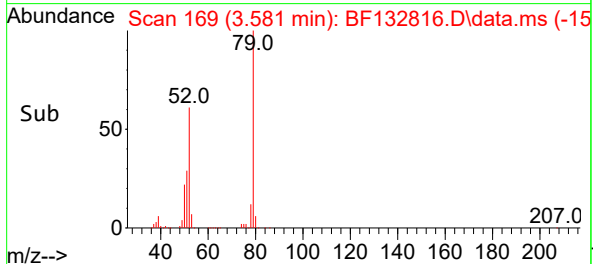
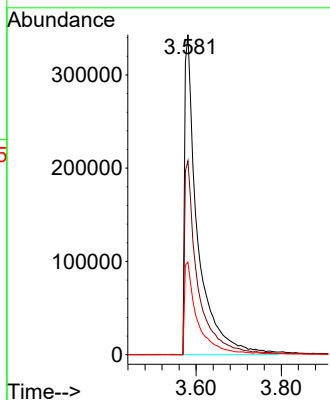
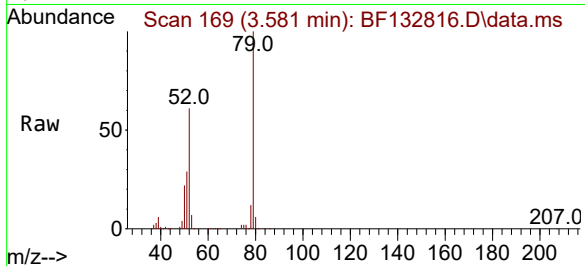




#3
Pyridine
Concen: 37.779 ng
RT: 3.581 min Scan# 169
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

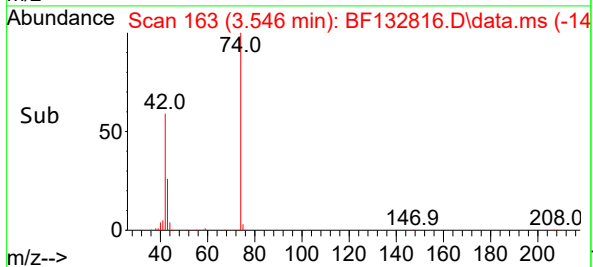
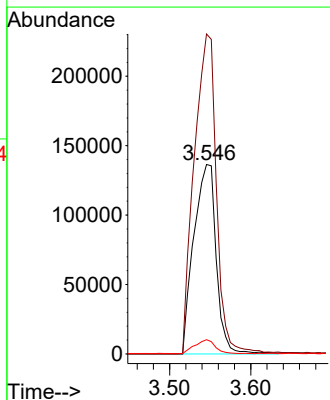
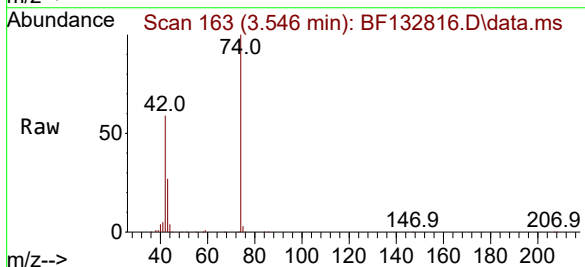
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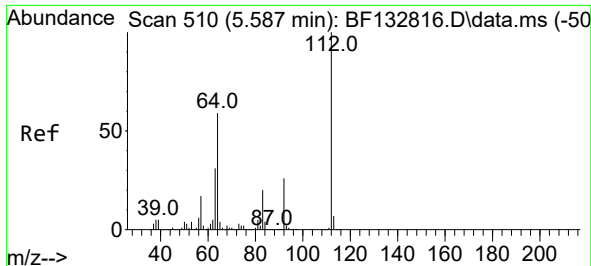
Tgt Ion: 79 Resp: 727635
Ion Ratio Lower Upper
79 100
52 60.6 48.5 72.7
51 28.9 23.1 34.7



#4
n-Nitrosodimethylamine
Concen: 35.999 ng
RT: 3.546 min Scan# 163
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 42 Resp: 261899
Ion Ratio Lower Upper
42 100
74 169.0 135.2 202.8
44 7.5 6.0 9.0

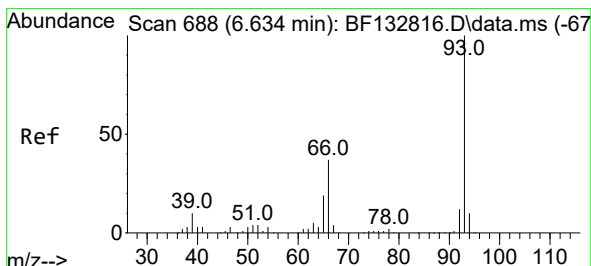
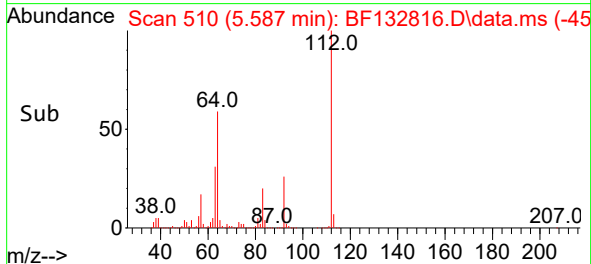
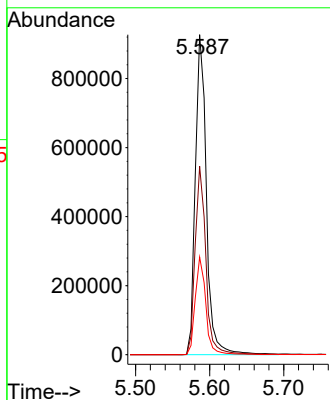
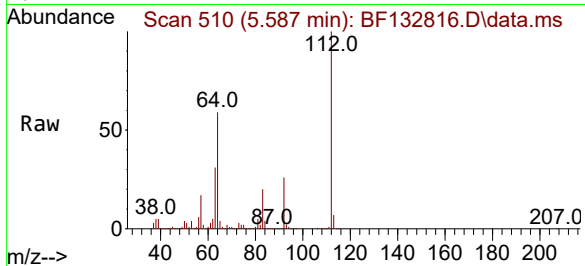




#5
2-Fluorophenol
Concen: 73.229 ng
RT: 5.587 min Scan# 510
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

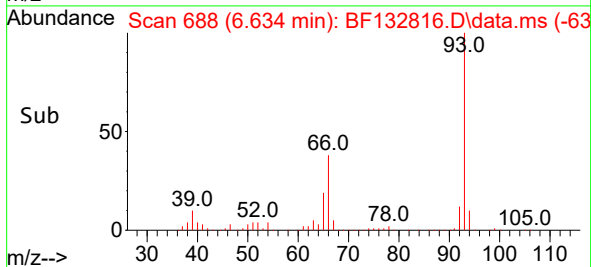
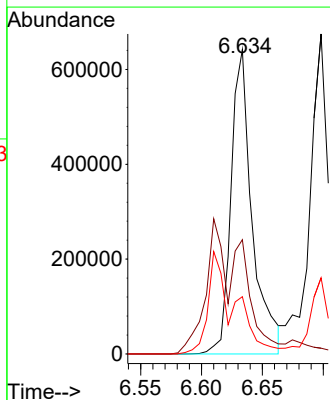
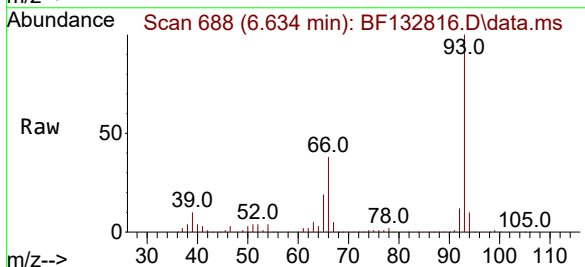
Instrument :
BNA_F
ClientSampleId :

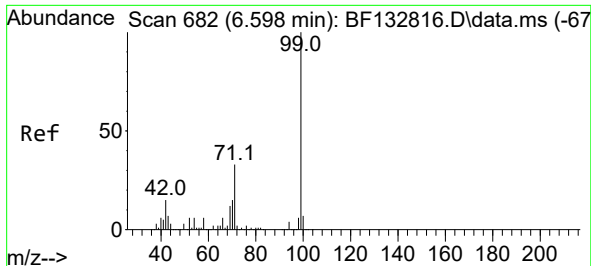
Tgt Ion:112 Resp: 960567
Ion Ratio Lower Upper
112 100
64 58.9 47.1 70.7
63 30.5 24.4 36.6



#6
Aniline
Concen: 33.746 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

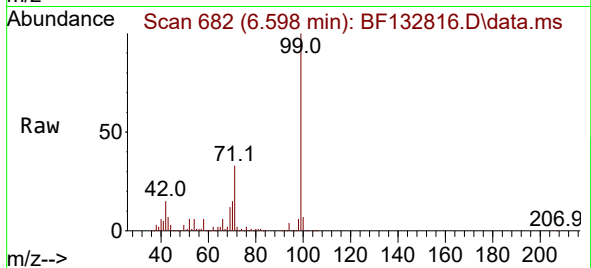
Tgt Ion: 93 Resp: 777455
Ion Ratio Lower Upper
93 100
66 37.6 30.1 45.1
65 18.8 15.0 22.6





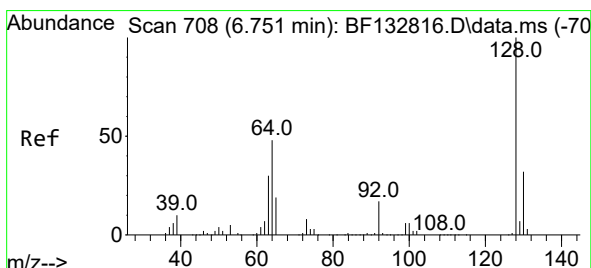
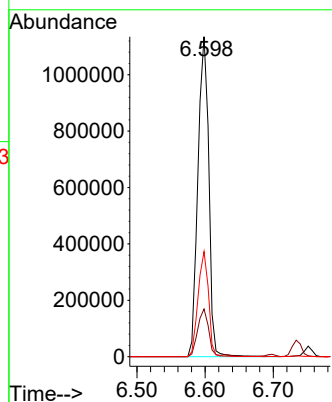
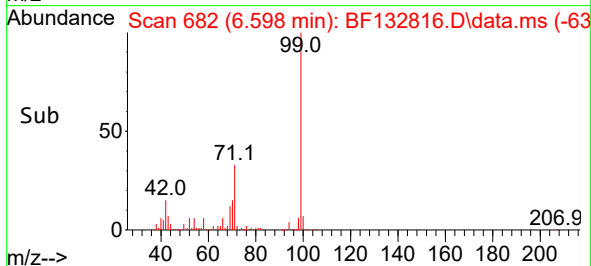
#7
Phenol-d6
Concen: 72.997 ng
RT: 6.598 min Scan# 682
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1249660

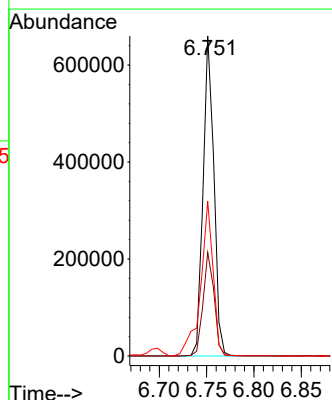
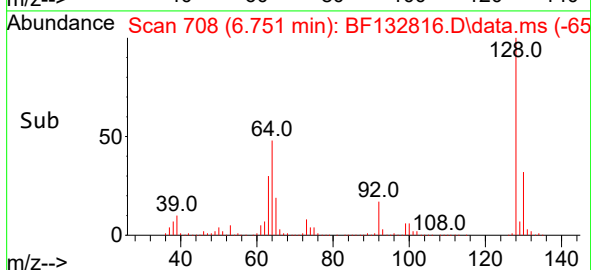
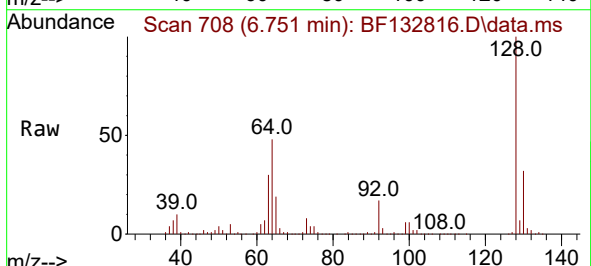
Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.9	17.9
71	32.9	26.3	39.5

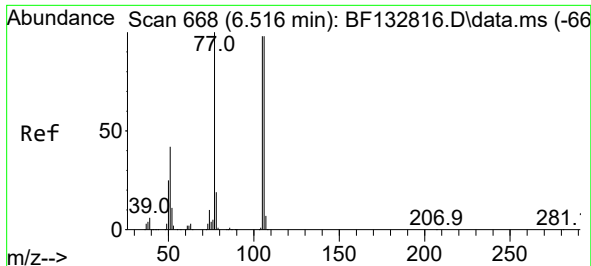


#8
2-Chlorophenol
Concen: 38.544 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 128 Resp: 524736

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	48.4	28.4	68.4

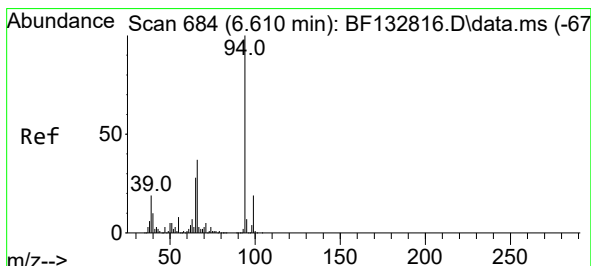
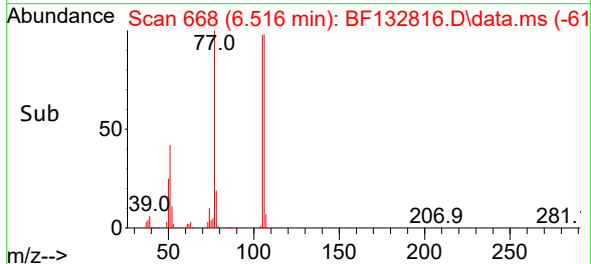
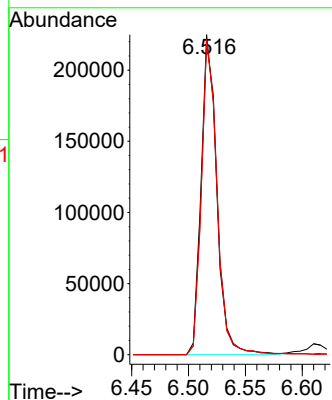
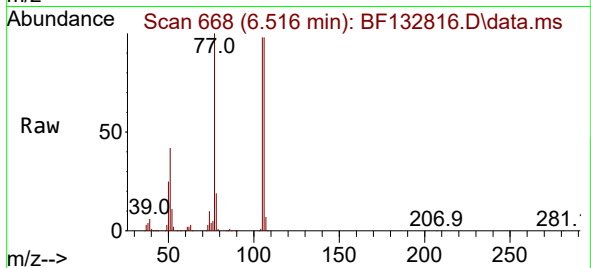




#9
Benzaldehyde
Concen: 23.246 ng
RT: 6.516 min Scan# 668
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

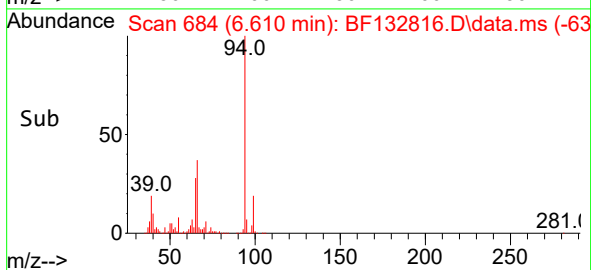
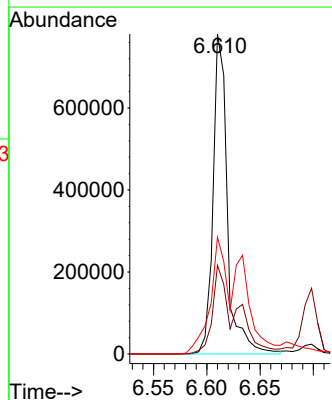
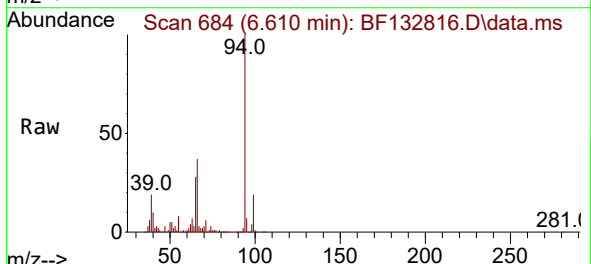
Instrument :
BNA_F
ClientSampleId :

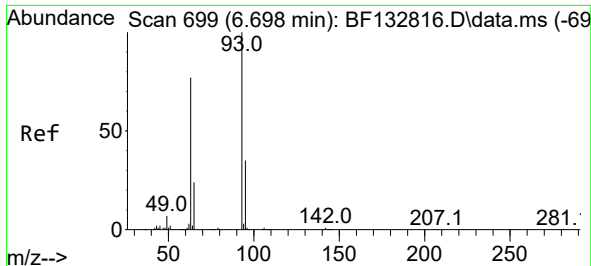
Tgt Ion: 77 Resp: 214736
Ion Ratio Lower Upper
77 100
105 97.5 77.5 117.5
106 98.5 78.5 118.5



#10
Phenol
Concen: 37.115 ng
RT: 6.610 min Scan# 684
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 94 Resp: 728452
Ion Ratio Lower Upper
94 100
65 27.7 7.7 47.7
66 36.5 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 44.673 ng

RT: 6.698 min Scan# 699

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

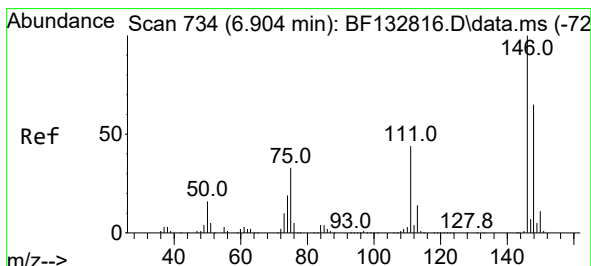
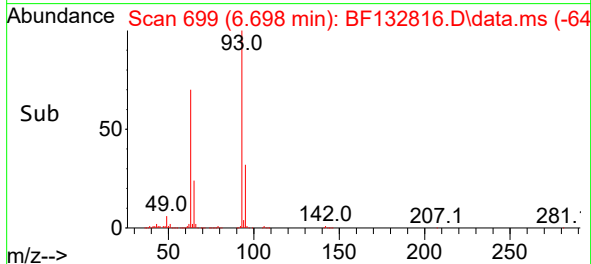
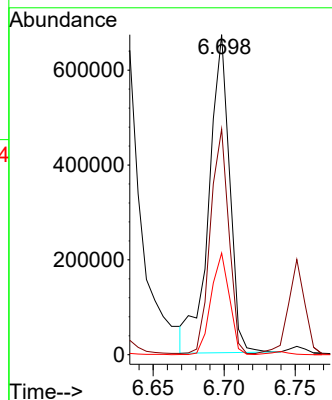
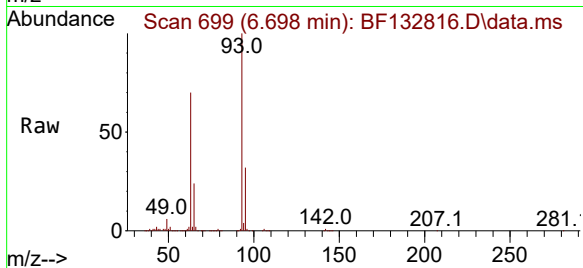
Tgt Ion: 93 Resp: 676859

Ion Ratio Lower Upper

93 100

63 70.5 50.5 90.5

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.379 ng

RT: 6.904 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

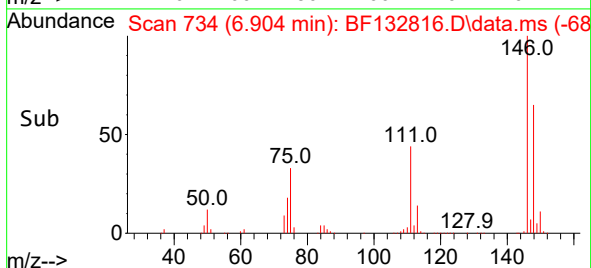
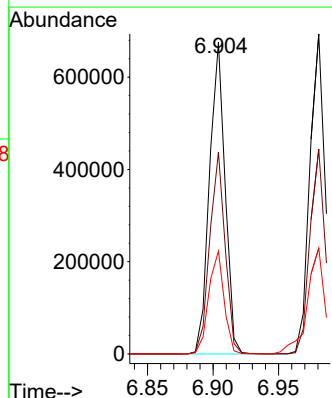
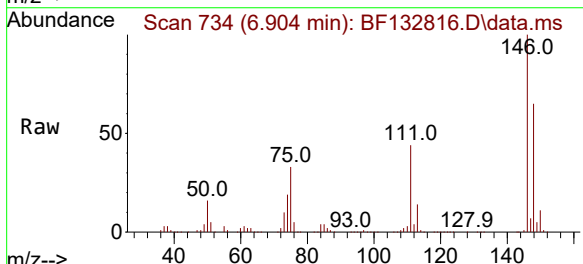
Tgt Ion:146 Resp: 560707

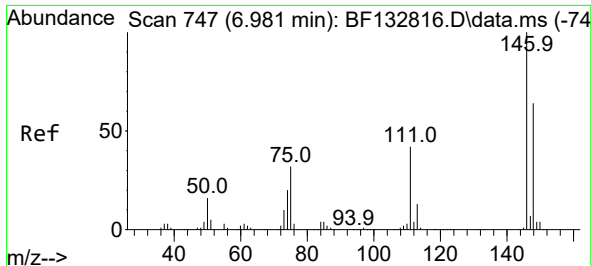
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 33.0 26.4 39.6

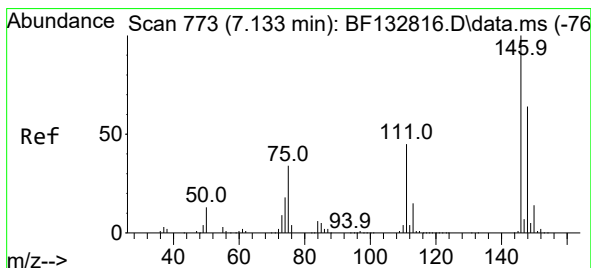
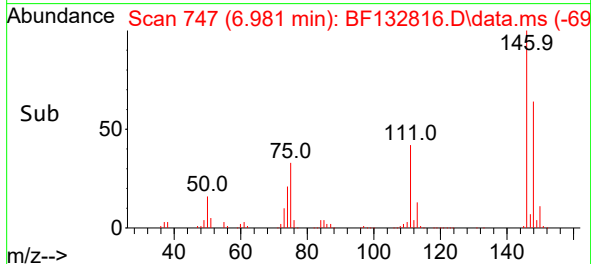
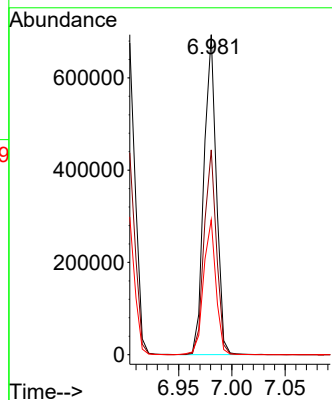
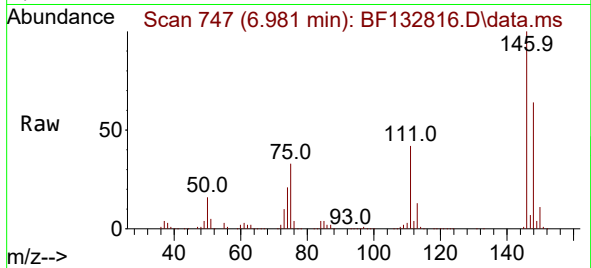




#13
1,4-Dichlorobenzene
Concen: 38.524 ng
RT: 6.981 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

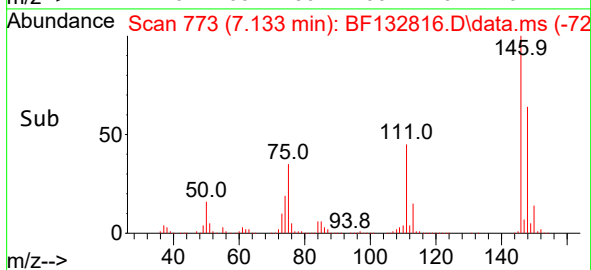
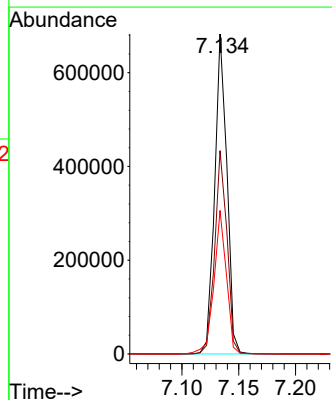
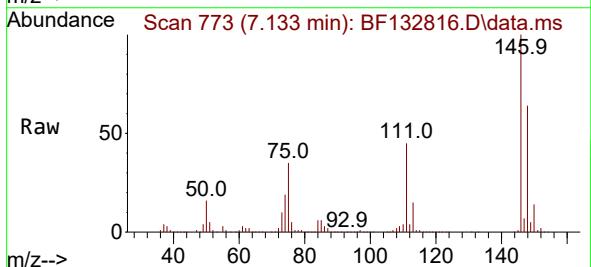
Instrument :
BNA_F
ClientSampleId :

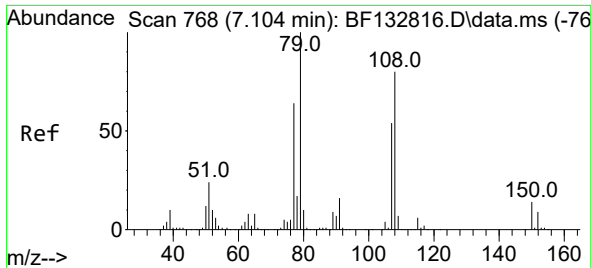
Tgt Ion:146 Resp: 561992
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 42.2 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 36.378 ng
RT: 7.133 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:146 Resp: 509303
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
111 44.8 35.8 53.8

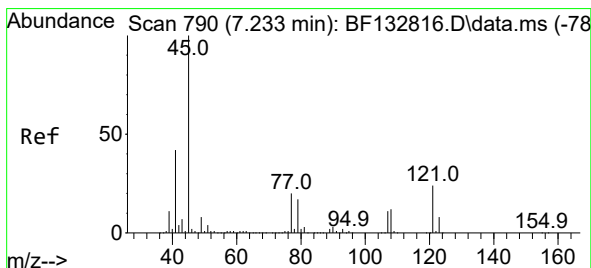
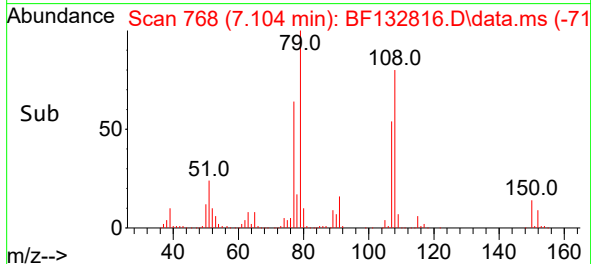
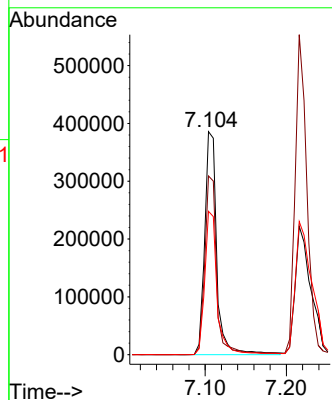
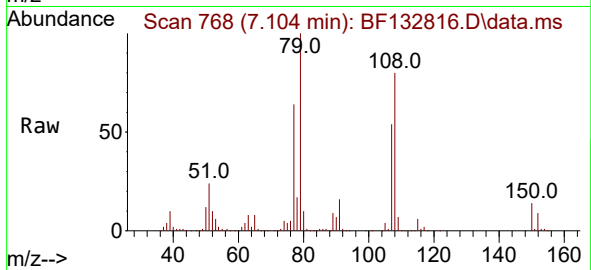




#15
Benzyl Alcohol
Concen: 30.205 ng
RT: 7.104 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

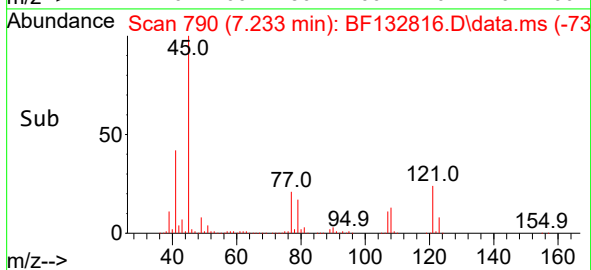
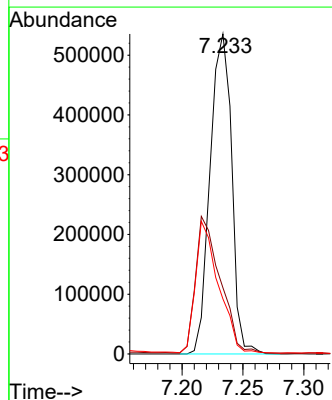
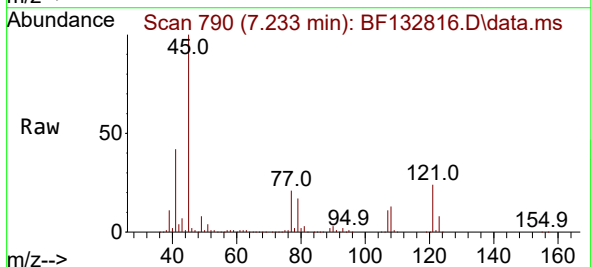
Instrument :
BNA_F
ClientSampleId :

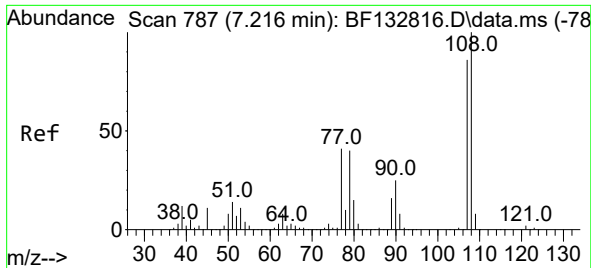
Tgt Ion: 79 Resp: 398233
Ion Ratio Lower Upper
79 100
108 80.2 64.2 96.2
77 64.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.161 ng
RT: 7.233 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 45 Resp: 660043
Ion Ratio Lower Upper
45 100
77 20.7 0.7 40.7
79 17.2 0.0 37.2

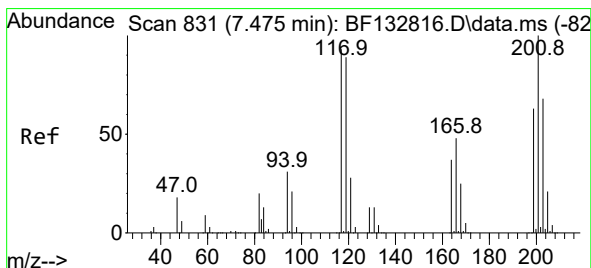
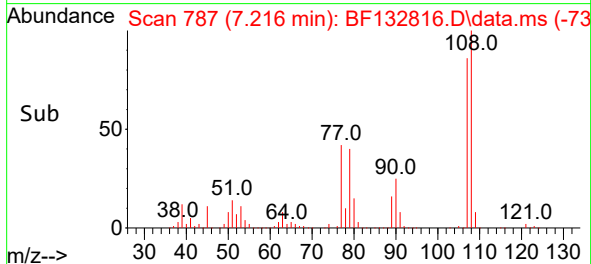
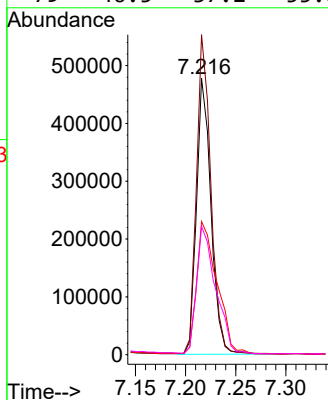
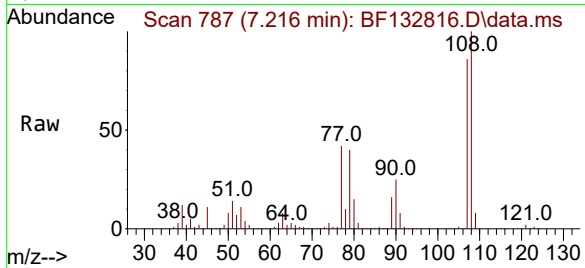




#17
2-Methylphenol
Concen: 37.886 ng
RT: 7.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

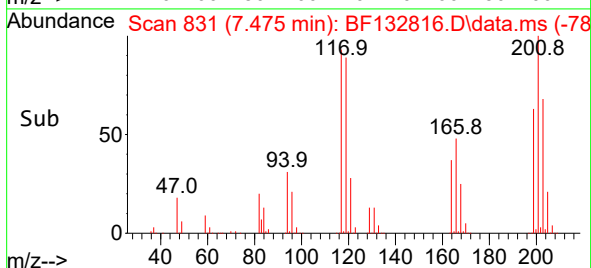
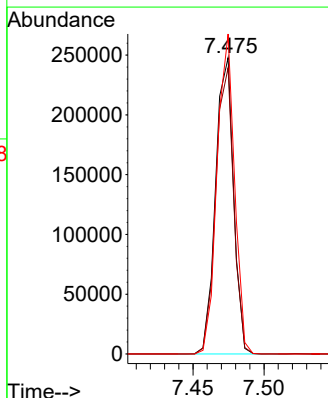
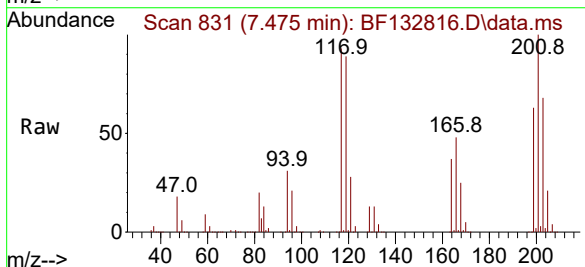
Instrument :
BNA_F
ClientSampleId :

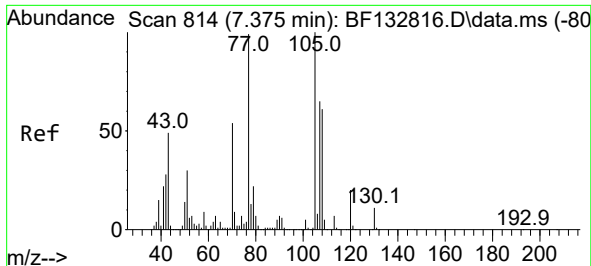
Tgt Ion:	107	Resp:	481376
Ion	Ratio	Lower	Upper
107	100		
108	115.8	92.6	139.0
77	48.2	38.6	57.8
79	46.5	37.2	55.8



#18
Hexachloroethane
Concen: 38.169 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:	117	Resp:	217536
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	108.0	86.4	129.6

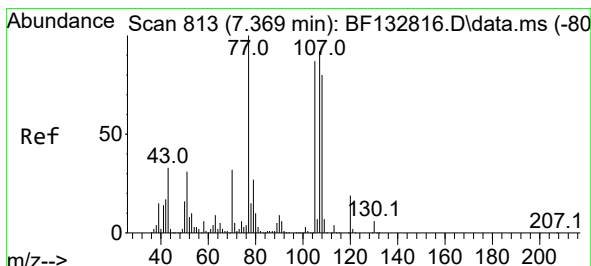
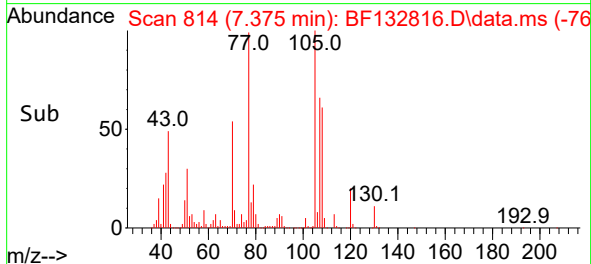
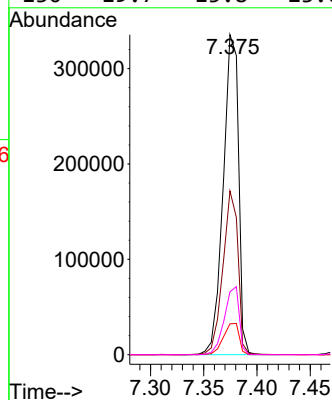
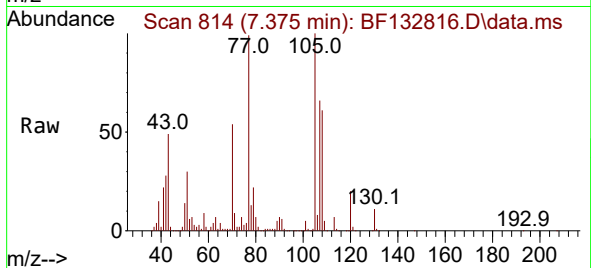




#19
n-Nitroso-di-n-propylamine
Concen: 31.822 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

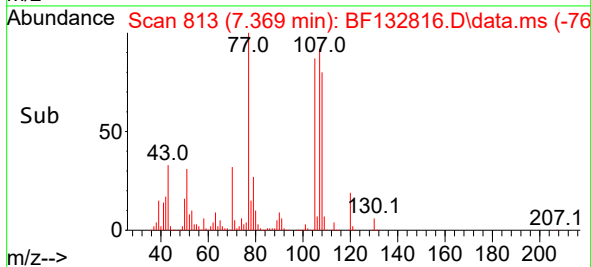
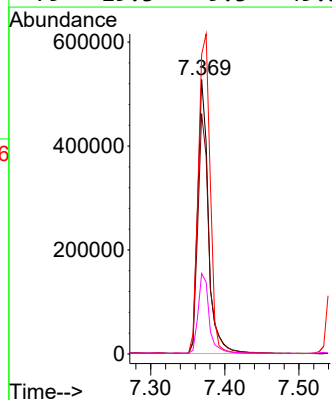
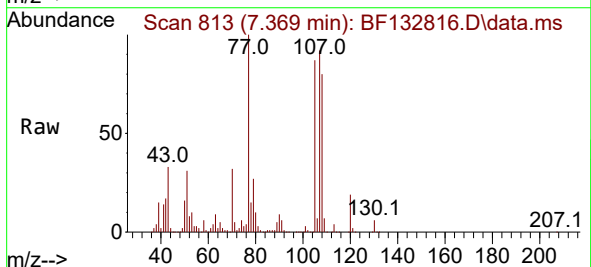
Instrument :
BNA_F
ClientSampleId :

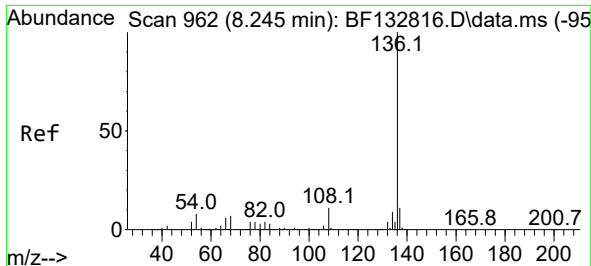
Tgt Ion: 70 Resp: 335271
Ion Ratio Lower Upper
70 100
42 51.1 40.9 61.3
101 9.7 7.8 11.6
130 19.7 15.8 23.6



#20
3+4-Methylphenols
Concen: 32.072 ng
RT: 7.369 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

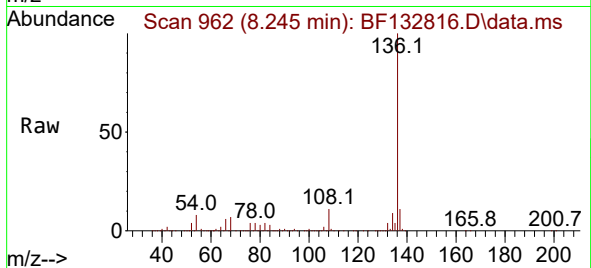
Tgt Ion: 107 Resp: 526469
Ion Ratio Lower Upper
107 100
108 87.6 67.6 107.6
77 109.1 89.1 129.1
79 29.3 9.3 49.3



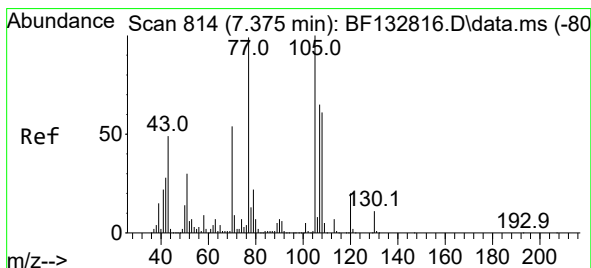
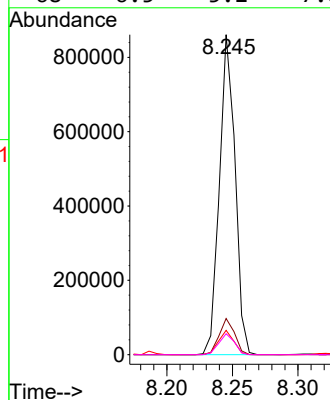
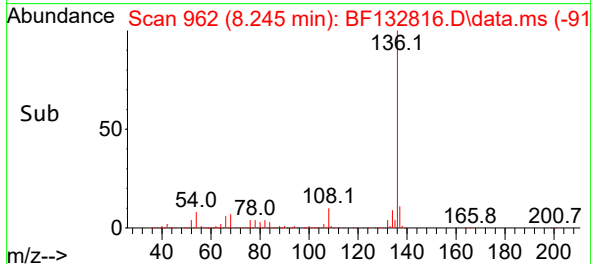


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

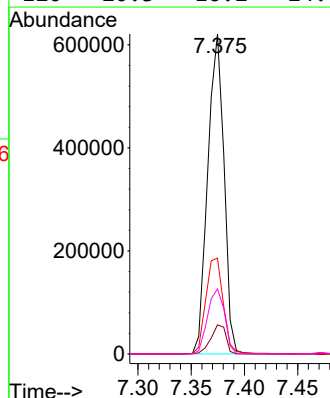
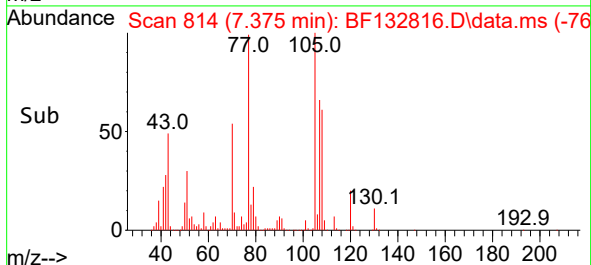
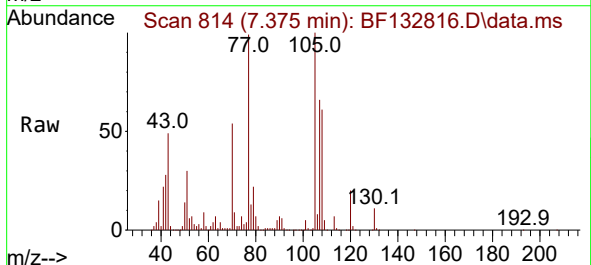


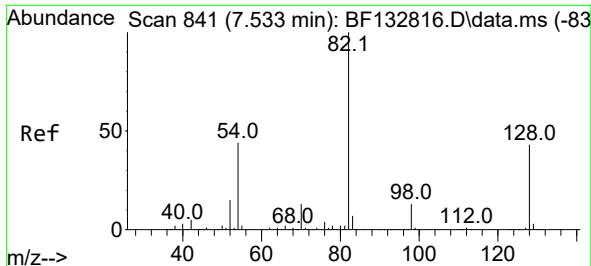
Tgt Ion:136 Resp: 712855
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.6 6.1 9.1
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 36.697 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:105 Resp: 659629
Ion Ratio Lower Upper
105 100
71 9.1 7.3 10.9
51 29.9 23.9 35.9
120 20.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 74.743 ng

RT: 7.533 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

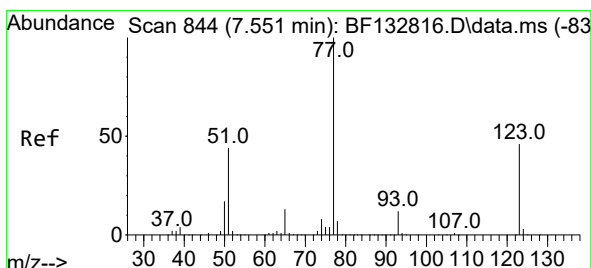
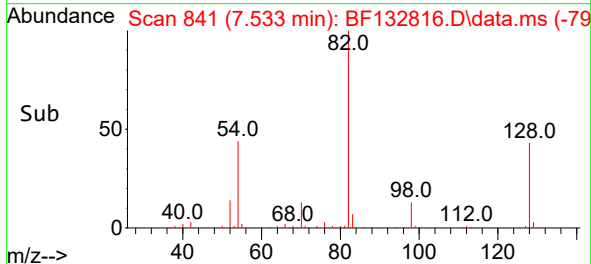
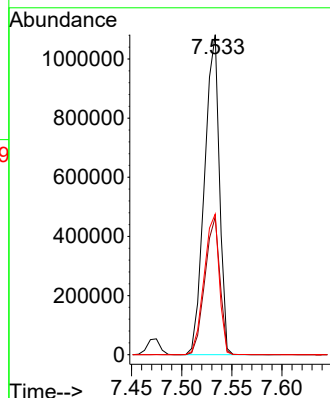
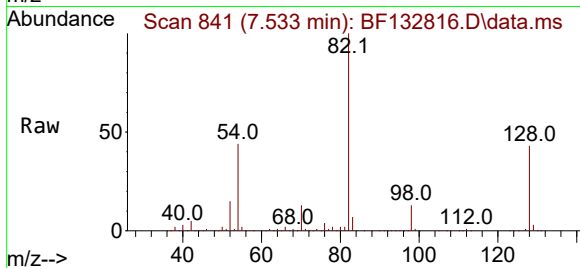
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1123026

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.4	51.6
54	44.0	35.2	52.8



#24

Nitrobenzene

Concen: 38.143 ng

RT: 7.551 min Scan# 844

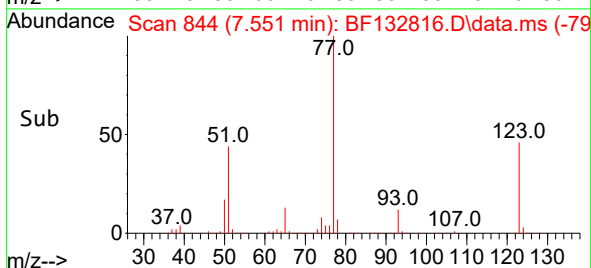
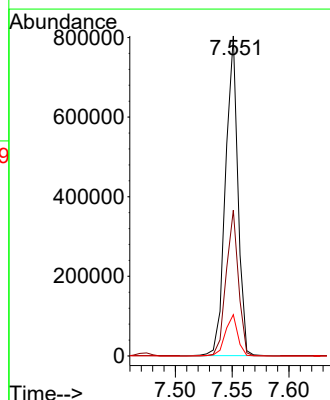
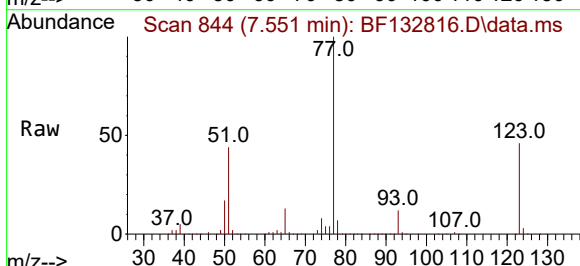
Delta R.T. 0.000 min

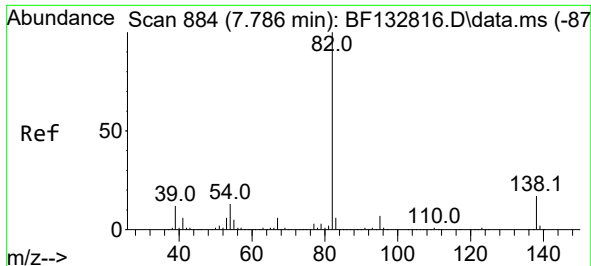
Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Tgt Ion: 77 Resp: 612919

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.4	54.6
65	12.9	10.3	15.5

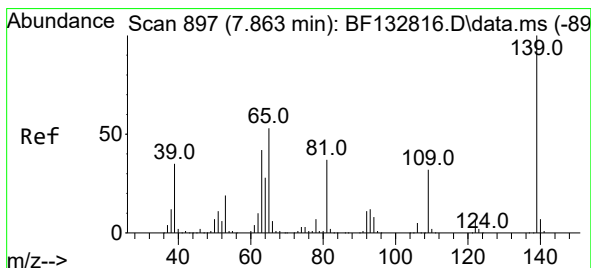
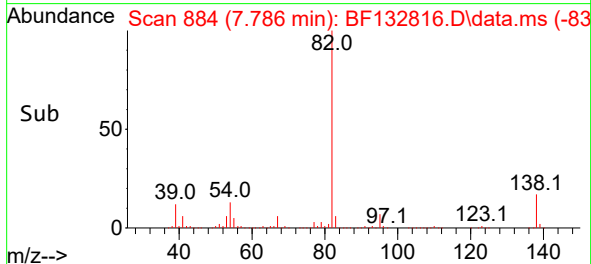
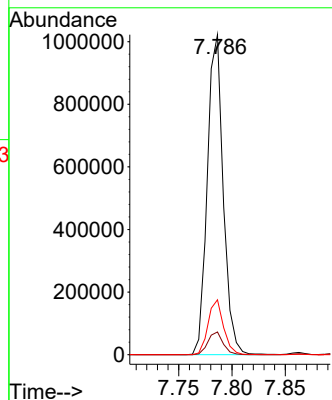
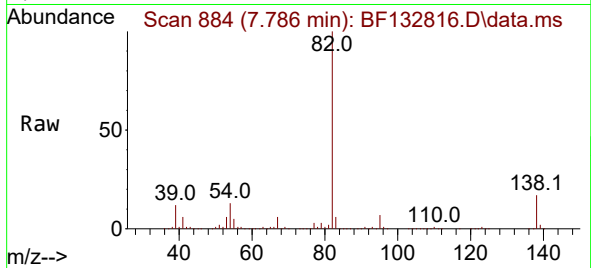




#25
Isophorone
Concen: 37.031 ng
RT: 7.786 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

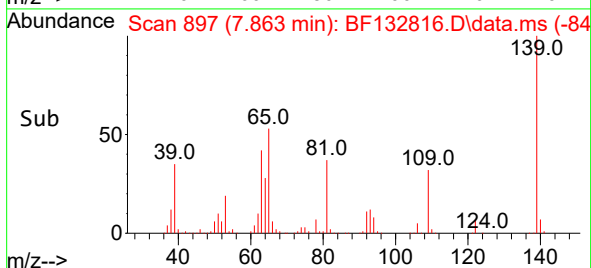
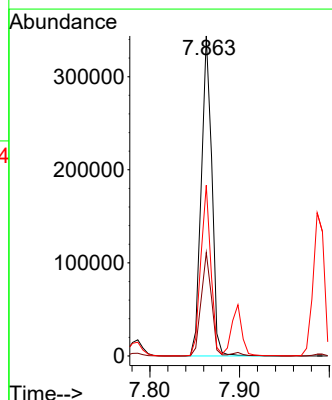
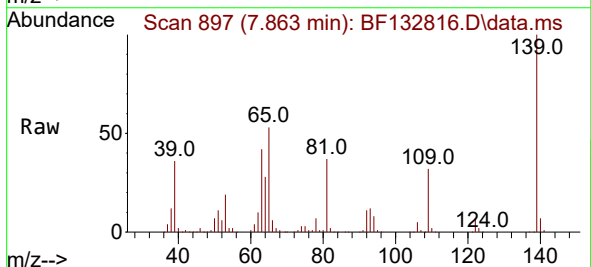
Instrument :
BNA_F
ClientSampleId :

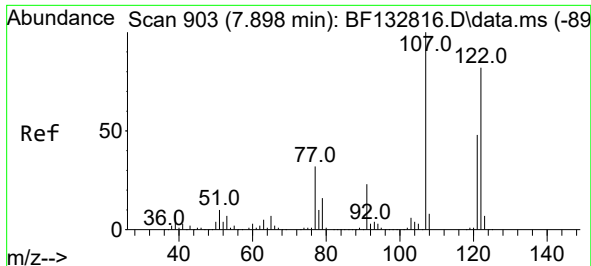
Tgt Ion: 82 Resp: 1066736
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.1 13.7 20.5



#26
2-Nitrophenol
Concen: 39.605 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:139 Resp: 280799
Ion Ratio Lower Upper
139 100
109 32.3 25.8 38.8
65 53.4 42.7 64.1

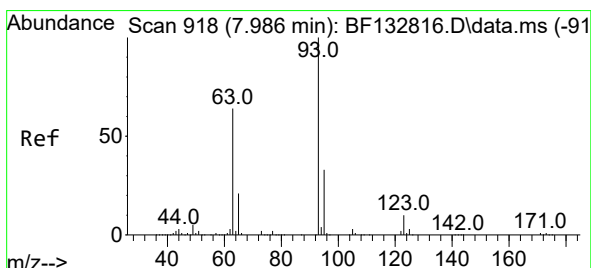
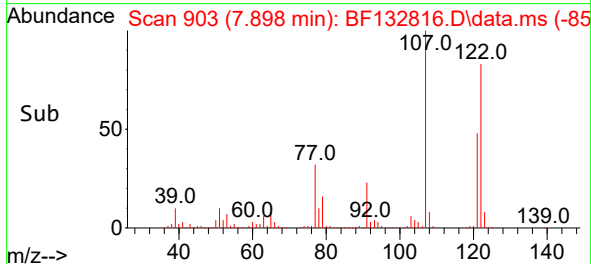
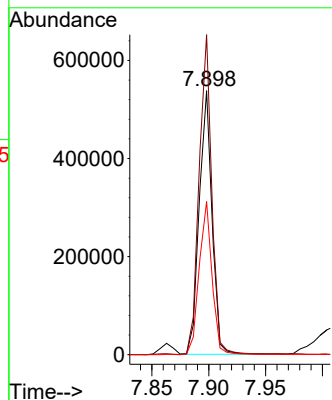
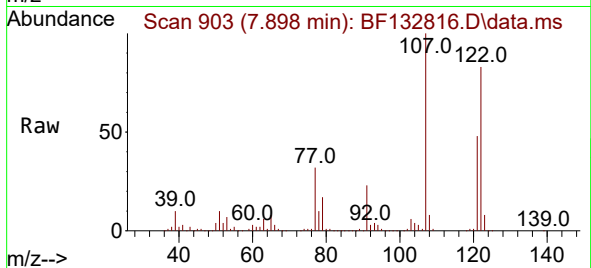




#27
2,4-Dimethylphenol
Concen: 37.774 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

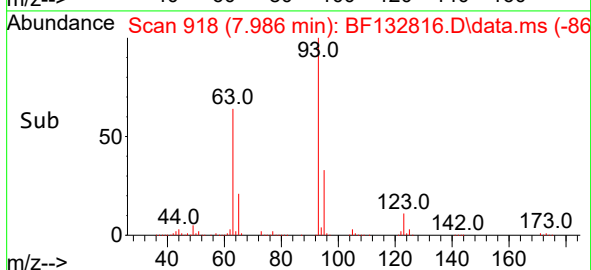
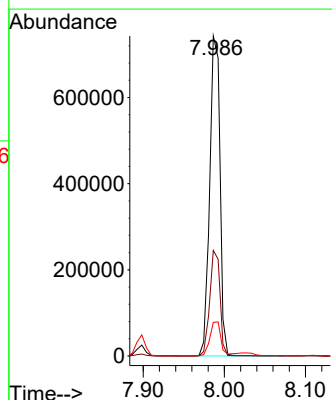
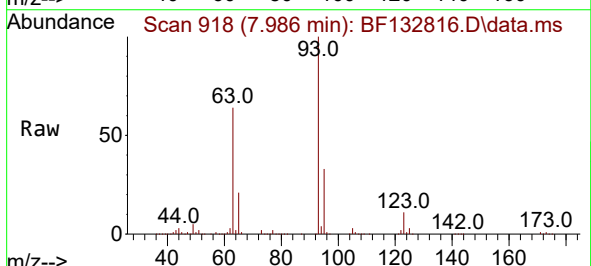
Instrument :
BNA_F
ClientSampleId :

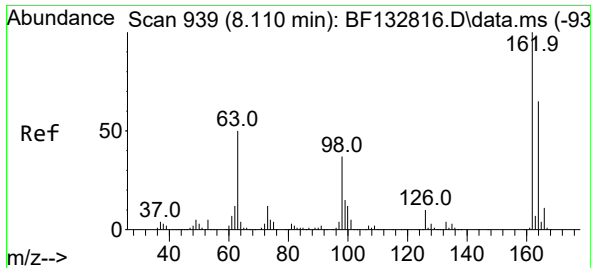
Tgt Ion:122 Resp: 422691
Ion Ratio Lower Upper
122 100
107 121.2 97.0 145.4
121 58.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.731 ng
RT: 7.986 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

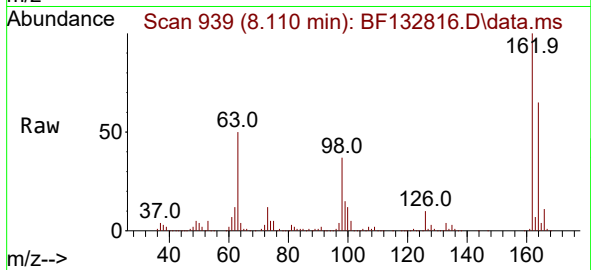
Tgt Ion: 93 Resp: 652680
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 10.5 8.4 12.6



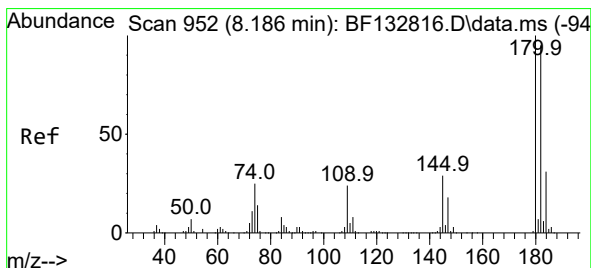
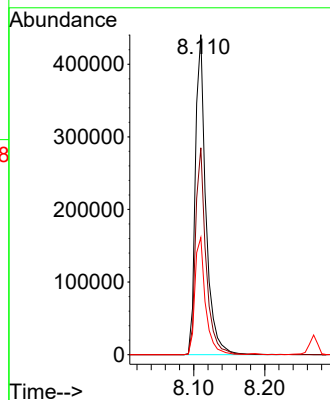
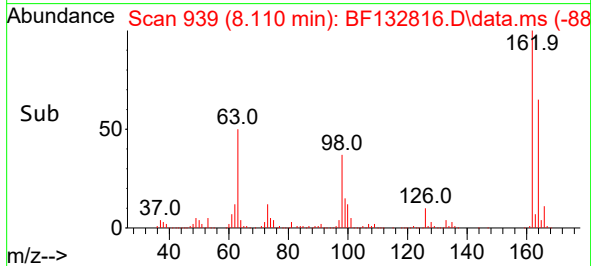


#29
2,4-Dichlorophenol
Concen: 40.836 ng
RT: 8.110 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

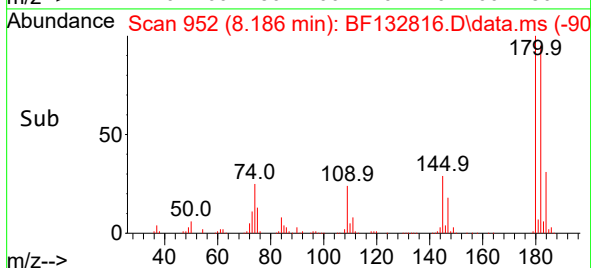
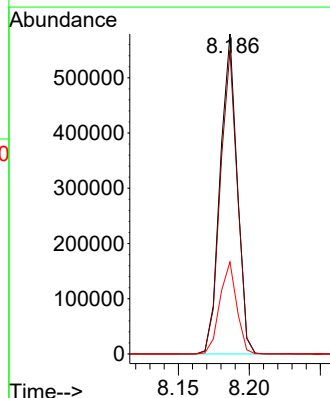
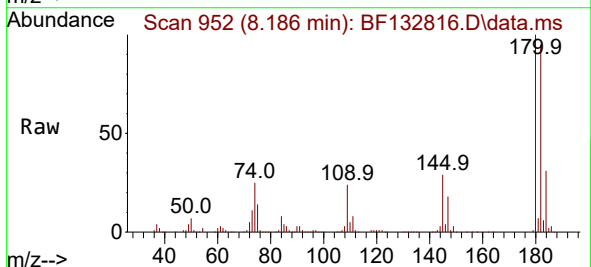


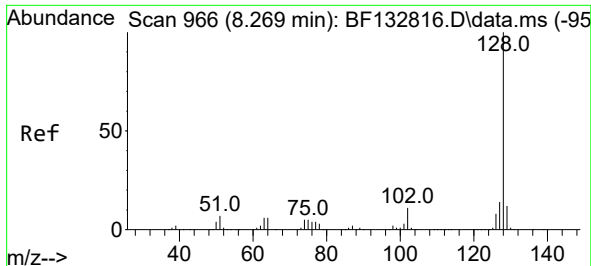
Tgt Ion:162 Resp: 454552
Ion Ratio Lower Upper
162 100
164 64.7 44.7 84.7
98 36.6 16.6 56.6



#30
1,2,4-Trichlorobenzene
Concen: 39.687 ng
RT: 8.186 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

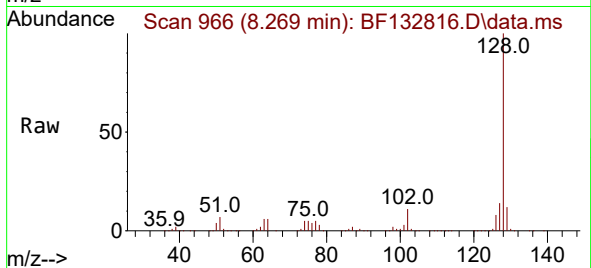
Tgt Ion:180 Resp: 479692
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 28.7 23.0 34.4



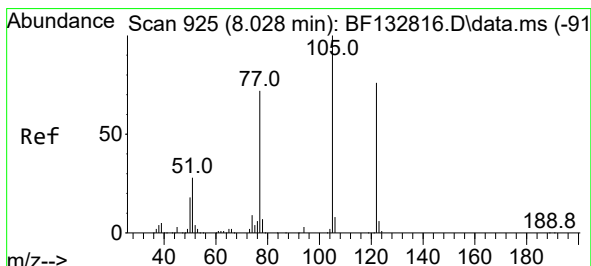
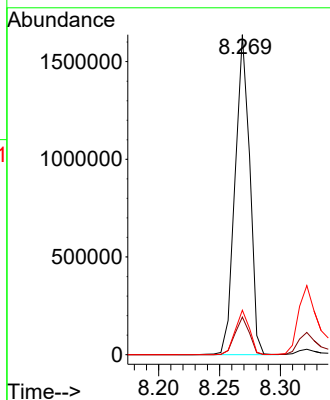
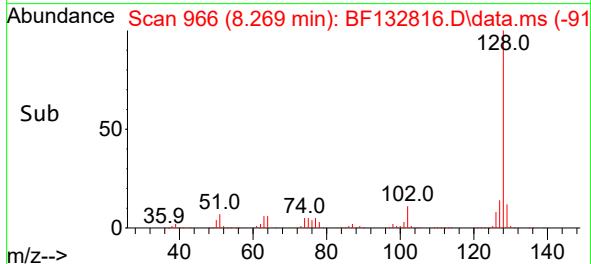


#31
Naphthalene
Concen: 37.449 ng
RT: 8.269 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

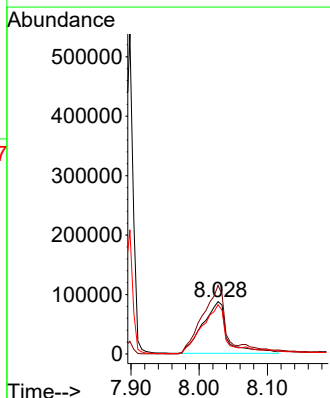
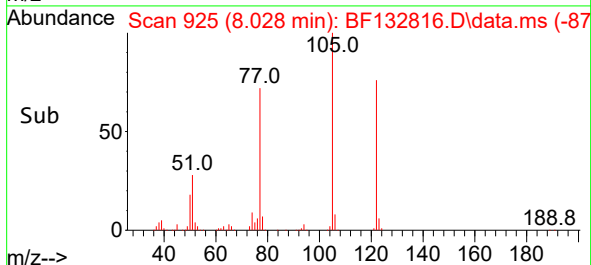
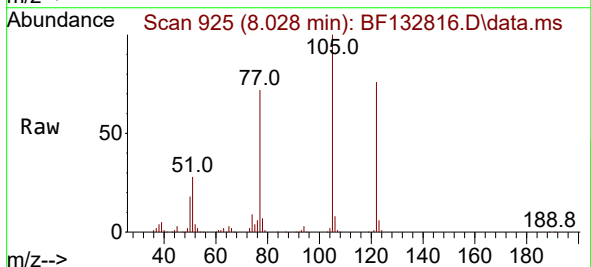


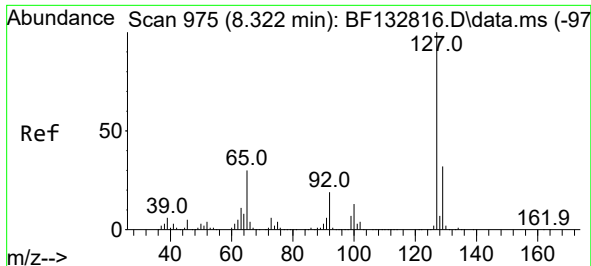
Tgt Ion:128 Resp: 1366657
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 27.589 ng
RT: 8.028 min Scan# 925
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

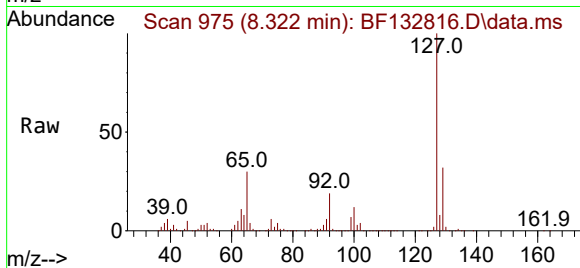
Tgt Ion:122 Resp: 223454
Ion Ratio Lower Upper
122 100
105 130.8 110.8 150.8
77 94.2 74.2 114.2



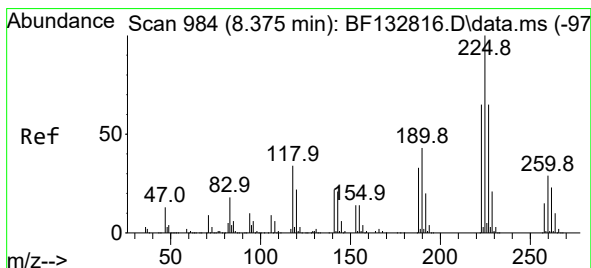
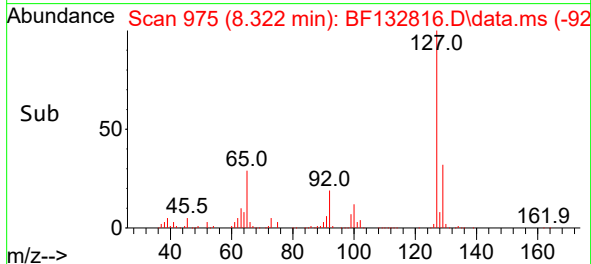
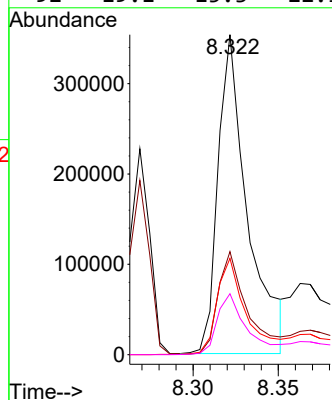


#33
4-Chloroaniline
Concen: 27.185 ng
RT: 8.322 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

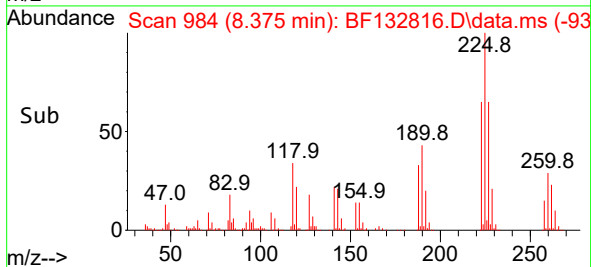
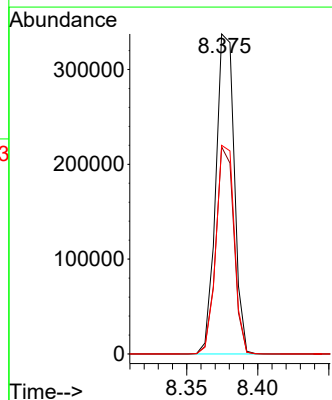
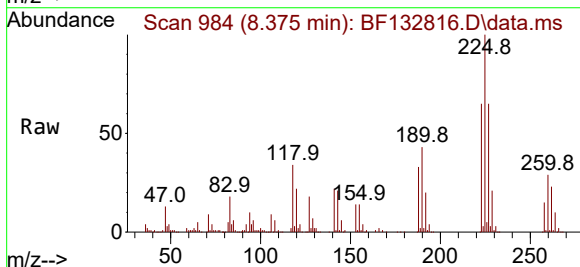


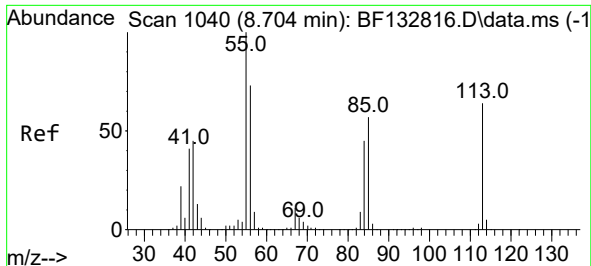
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	30.1	24.1	36.1
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 39.823 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.8	77.6
227	65.2	52.2	78.2

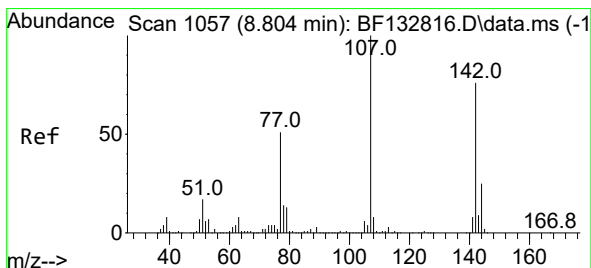
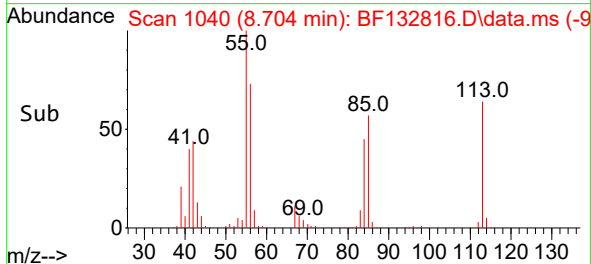
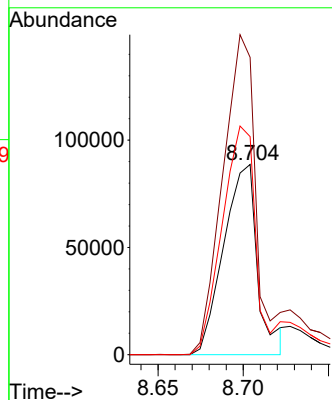
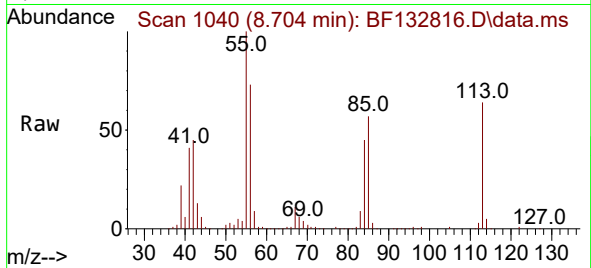




#35
Caprolactam
Concen: 33.281 ng
RT: 8.704 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

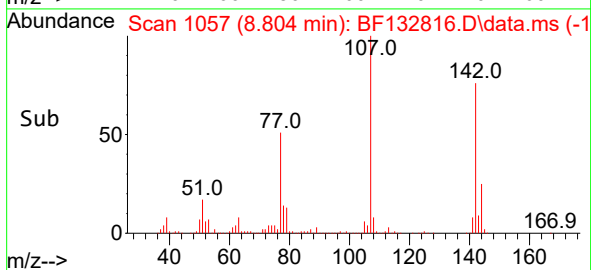
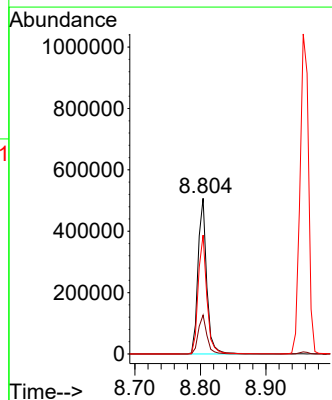
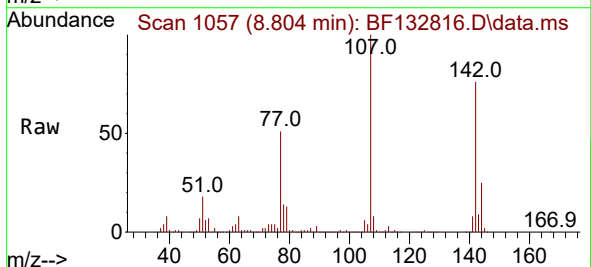
Instrument :
BNA_F
ClientSampleId :

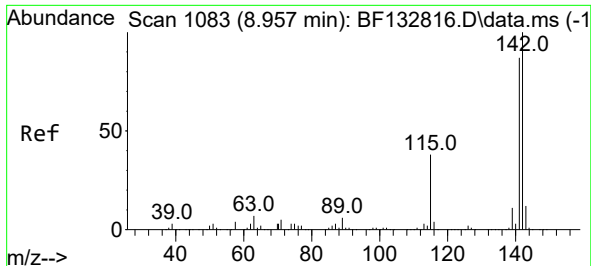
Tgt Ion:113 Resp: 122132
Ion Ratio Lower Upper
113 100
55 156.3 136.3 176.3
56 114.7 94.7 134.7



#36
4-Chloro-3-methylphenol
Concen: 38.346 ng
RT: 8.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:107 Resp: 468754
Ion Ratio Lower Upper
107 100
144 25.0 20.0 30.0
142 76.4 61.1 91.7

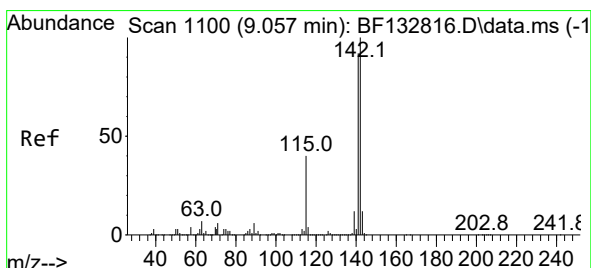
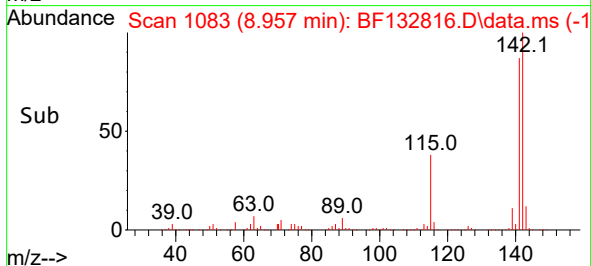
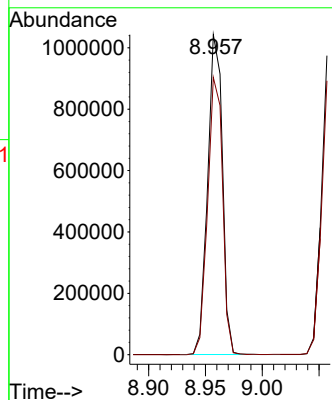
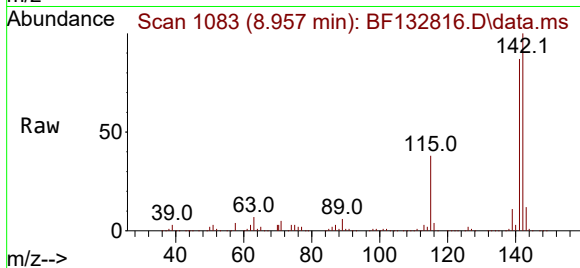




#37
2-Methylnaphthalene
Concen: 37.656 ng
RT: 8.957 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

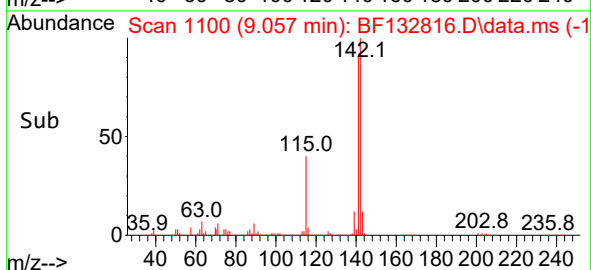
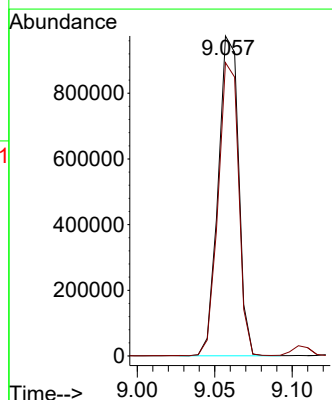
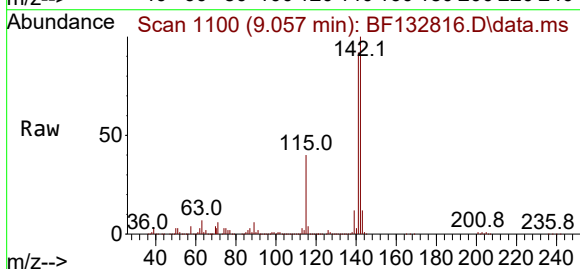
Instrument :
BNA_F
ClientSampleId :

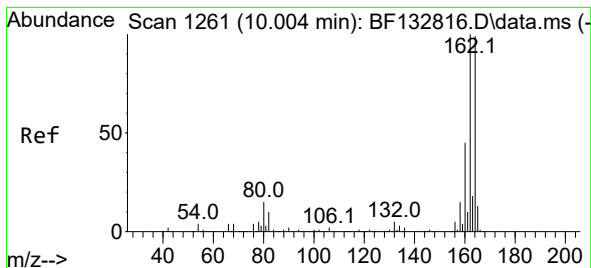
Tgt Ion:142 Resp: 936504
Ion Ratio Lower Upper
142 100
141 86.6 69.3 103.9



#38
1-Methylnaphthalene
Concen: 38.450 ng
RT: 9.057 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:142 Resp: 893658
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

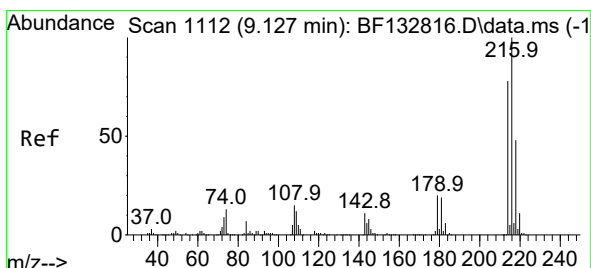
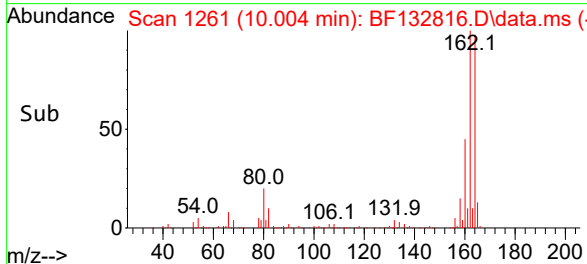
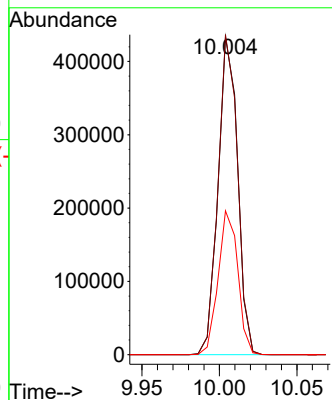
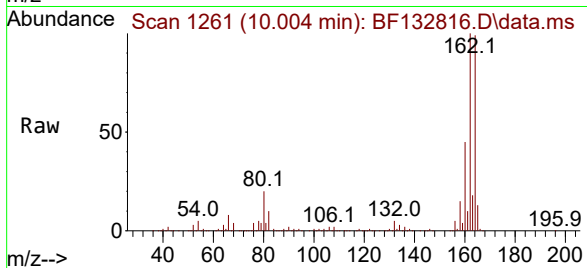
Tgt Ion:164 Resp: 380135

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 45.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.435 ng

RT: 9.127 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Tgt Ion:216 Resp: 490453

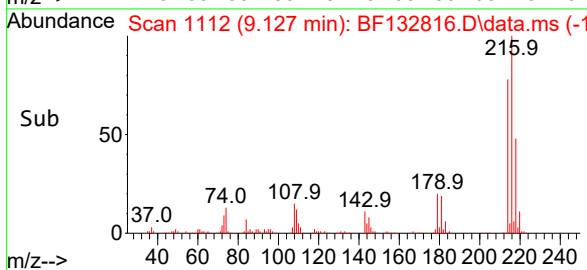
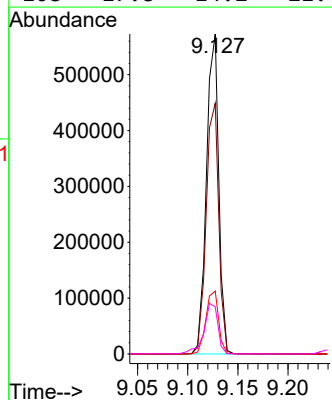
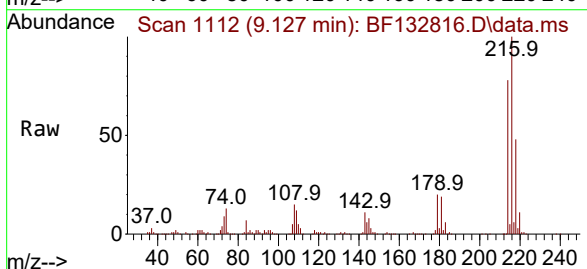
Ion Ratio Lower Upper

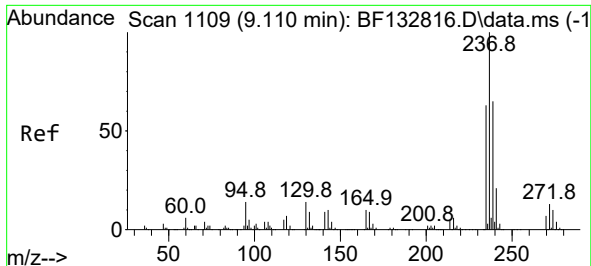
216 100

214 80.4 64.3 96.5

179 20.3 16.2 24.4

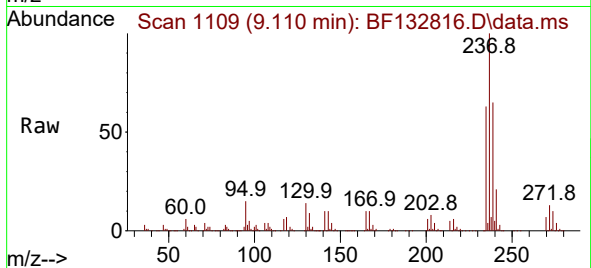
108 17.8 14.2 21.4



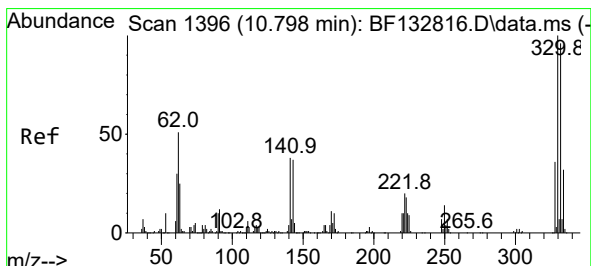
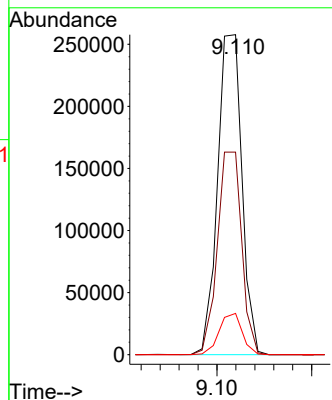
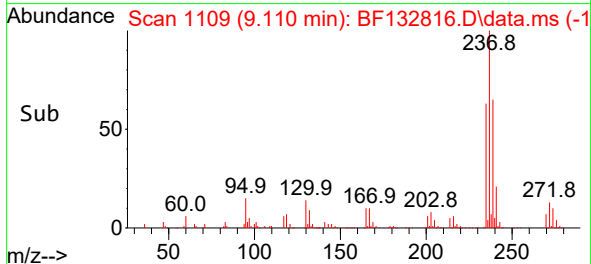


#41
Hexachlorocyclopentadiene
Concen: 34.189 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

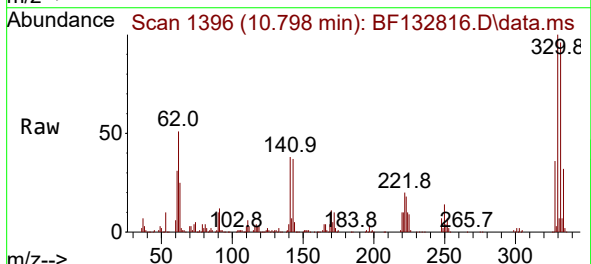
Instrument :
BNA_F
ClientSampleId :



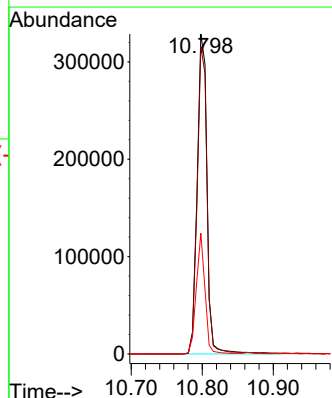
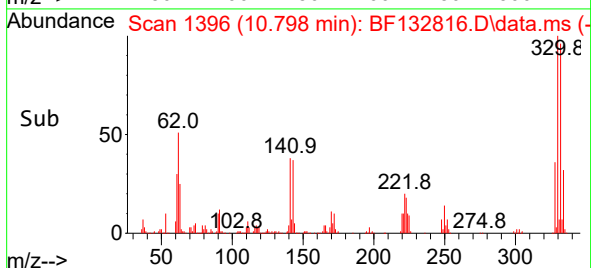
Tgt Ion:237 Resp: 230634
Ion Ratio Lower Upper
237 100
235 63.3 43.3 83.3
272 12.9 0.0 32.9

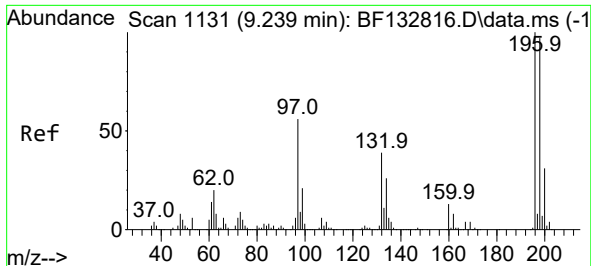


#42
2,4,6-Tribromophenol
Concen: 77.417 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49



Tgt Ion:330 Resp: 317820
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.4 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 38.490 ng

RT: 9.239 min Scan# 1131

Delta R.T. 0.000 min

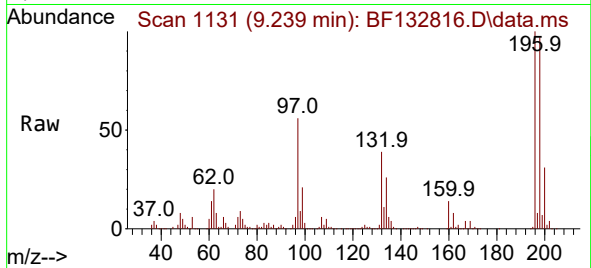
Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :



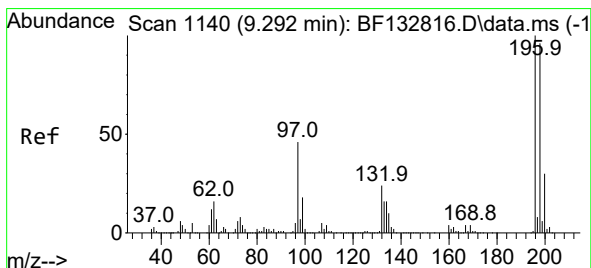
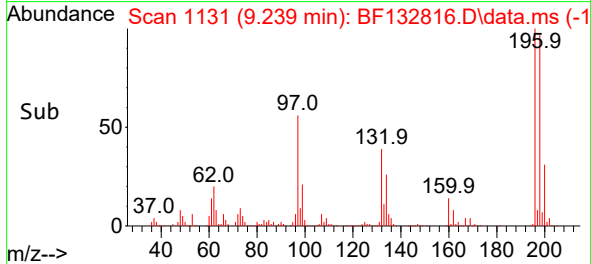
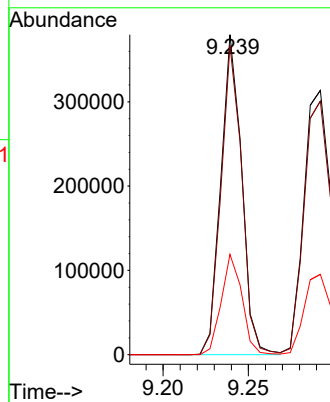
Tgt Ion:196 Resp: 324413

Ion Ratio Lower Upper

196 100

198 96.6 77.3 115.9

200 31.3 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 39.158 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Tgt Ion:196 Resp: 385205

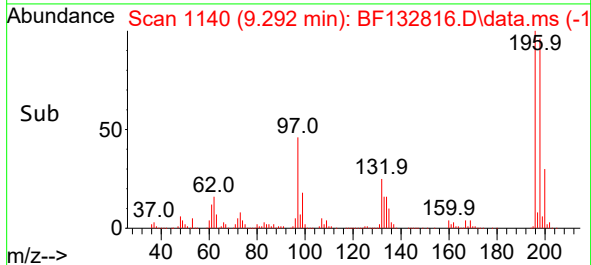
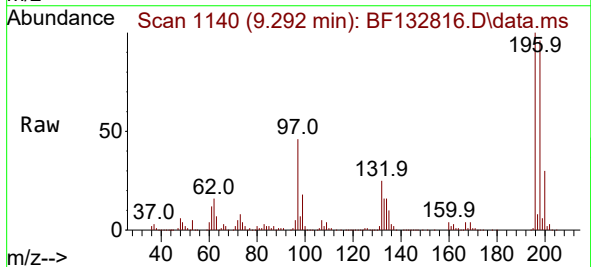
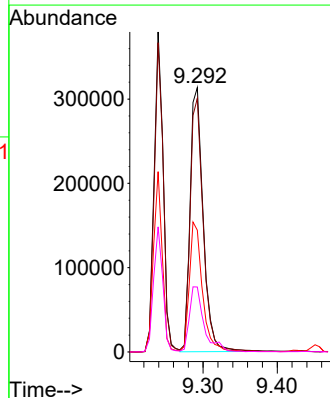
Ion Ratio Lower Upper

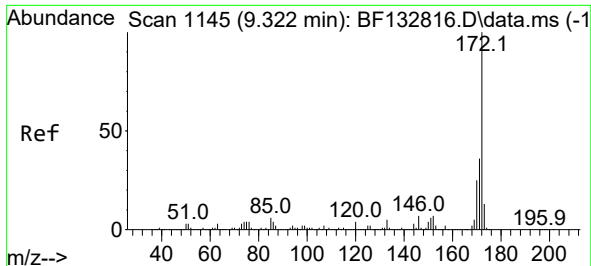
196 100

198 96.0 76.8 115.2

97 46.1 36.9 55.3

132 24.6 19.7 29.5





#45

2-Fluorobiphenyl

Concen: 68.740 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

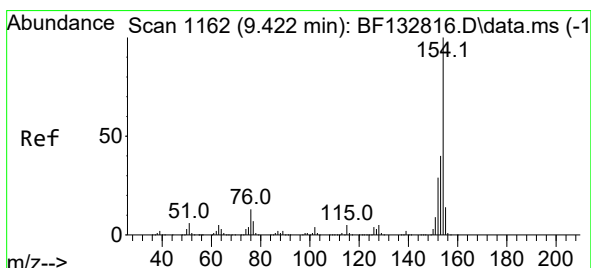
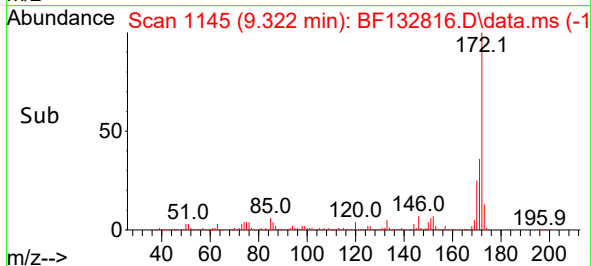
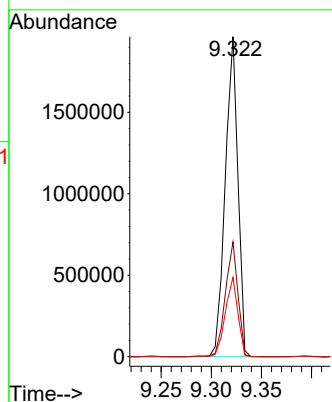
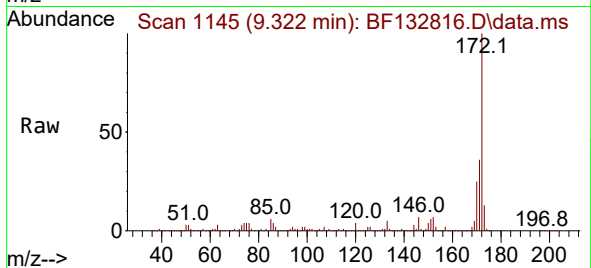
Tgt Ion:172 Resp: 1716097

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 24.8 19.8 29.8



#46

1,1'-Biphenyl

Concen: 37.921 ng

RT: 9.422 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

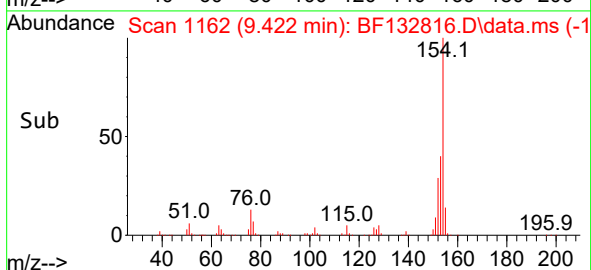
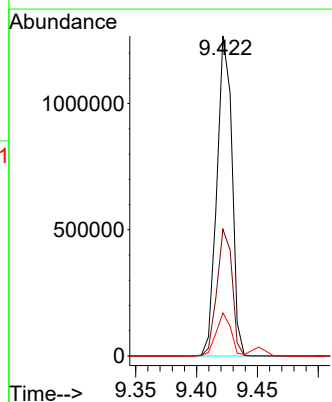
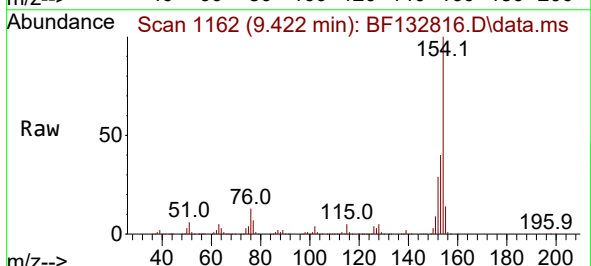
Tgt Ion:154 Resp: 1091048

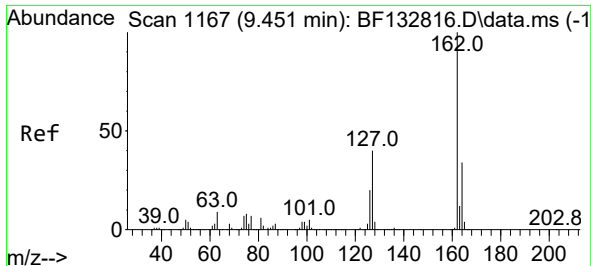
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 13.5 0.0 33.5

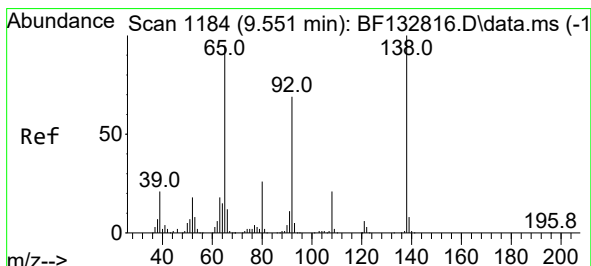
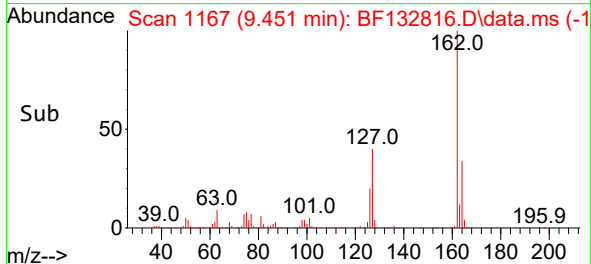
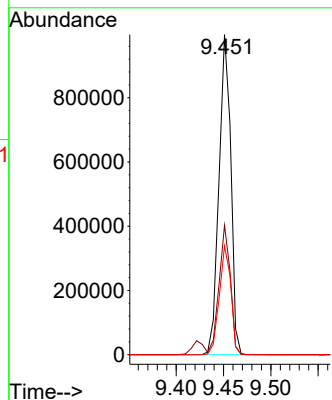
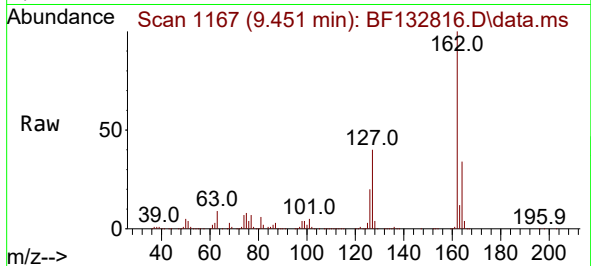




#47
2-Chloronaphthalene
Concen: 37.983 ng
RT: 9.451 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

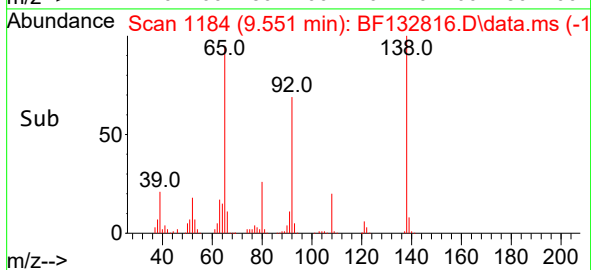
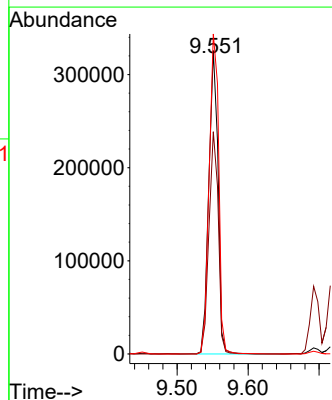
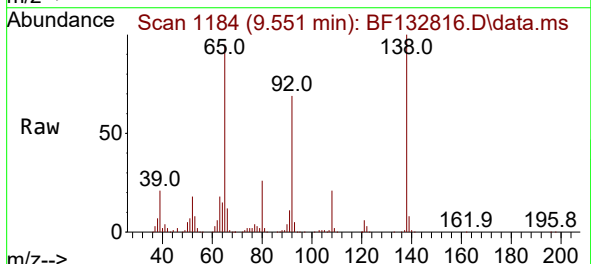
Instrument :
BNA_F
ClientSampleId :

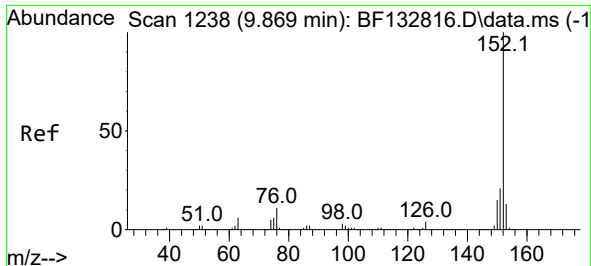
Tgt Ion:162 Resp: 866456
Ion Ratio Lower Upper
162 100
127 40.4 32.3 48.5
164 34.0 27.2 40.8



#48
2-Nitroaniline
Concen: 35.160 ng
RT: 9.551 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 65 Resp: 295403
Ion Ratio Lower Upper
65 100
92 73.3 58.6 88.0
138 105.5 84.4 126.6





#49

Acenaphthylene

Concen: 37.494 ng

RT: 9.869 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

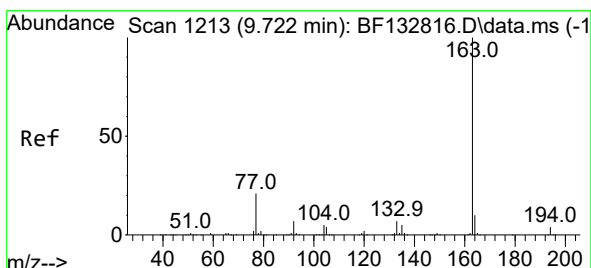
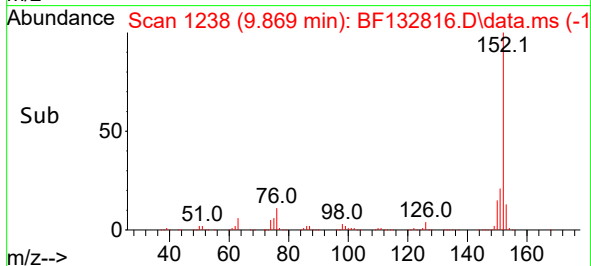
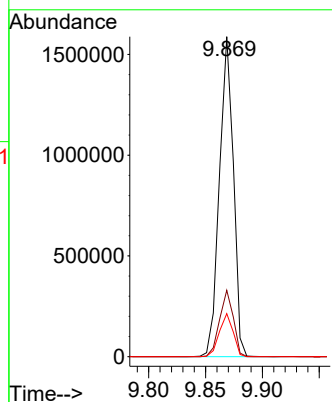
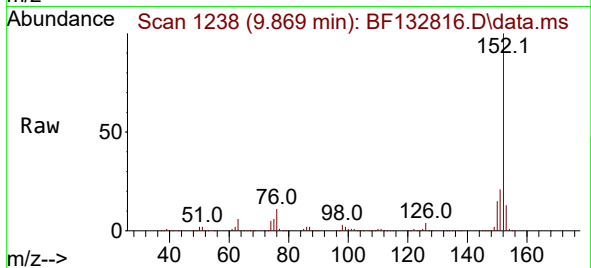
Tgt Ion:152 Resp: 1361210

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 38.755 ng

RT: 9.722 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

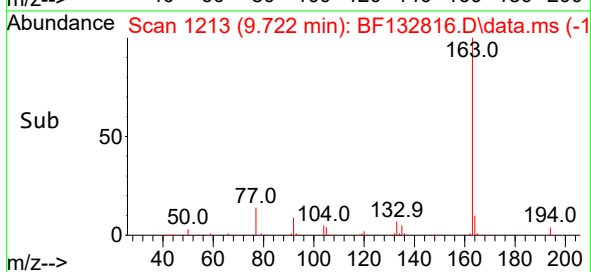
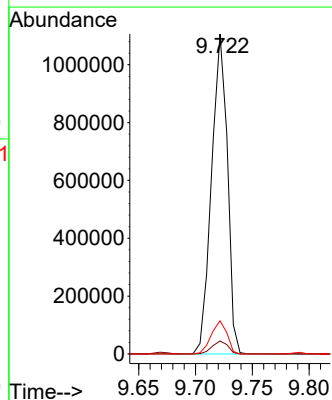
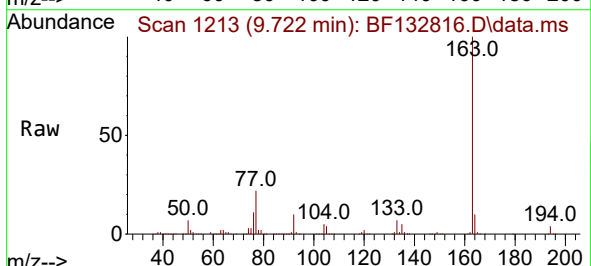
Tgt Ion:163 Resp: 1072672

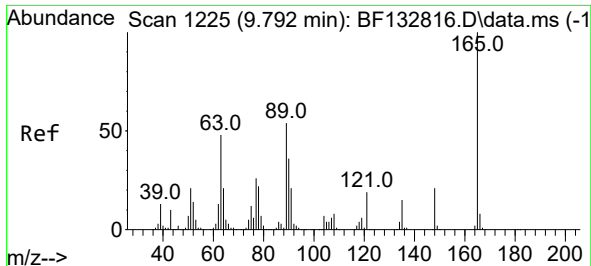
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

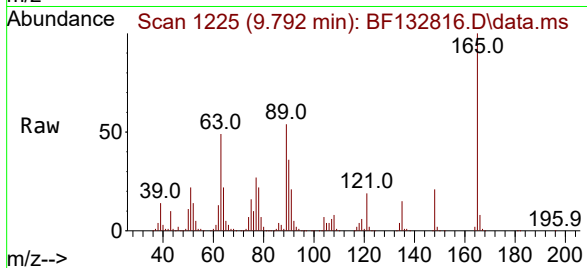
164 10.4 8.3 12.5



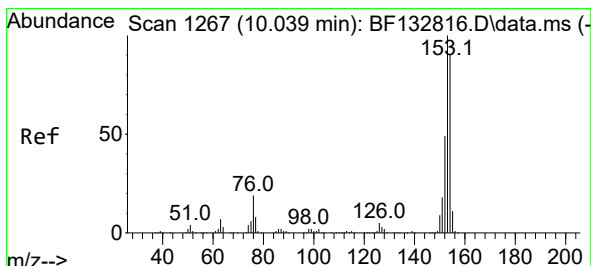
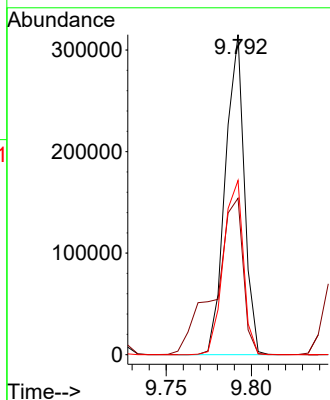
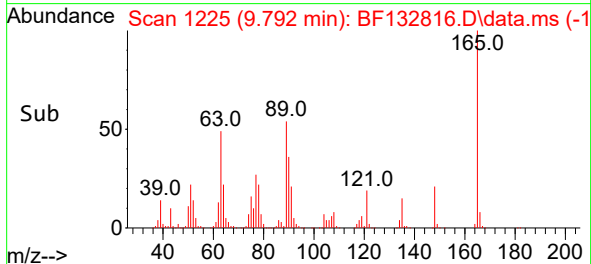


#51
2,6-Dinitrotoluene
Concen: 38.717 ng
RT: 9.792 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

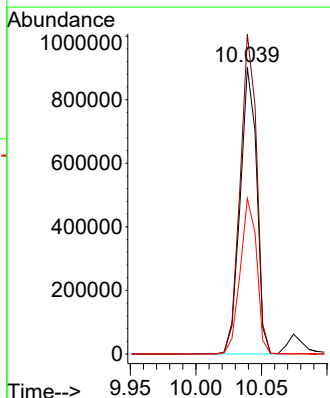
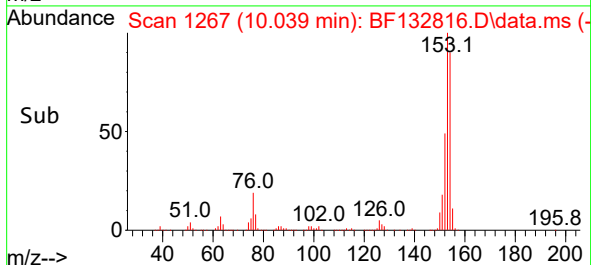
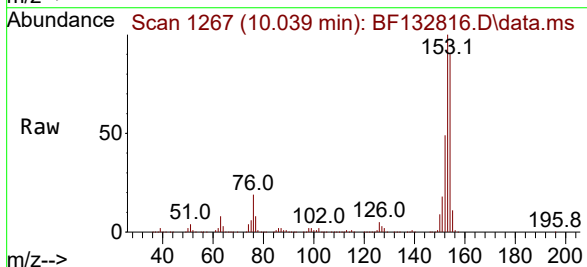


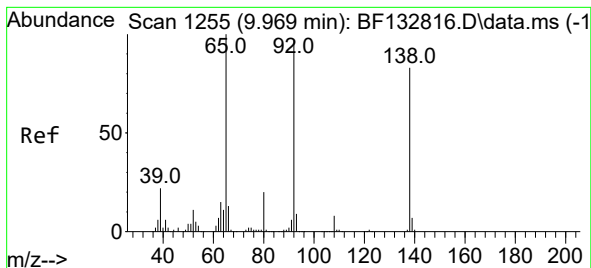
Tgt Ion:165 Resp: 244056
Ion Ratio Lower Upper
165 100
63 48.9 39.1 58.7
89 54.4 43.5 65.3



#52
Acenaphthene
Concen: 34.322 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:154 Resp: 791227
Ion Ratio Lower Upper
154 100
153 111.7 89.4 134.0
152 54.3 43.4 65.2





#53

3-Nitroaniline

Concen: 39.063 ng

RT: 9.969 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

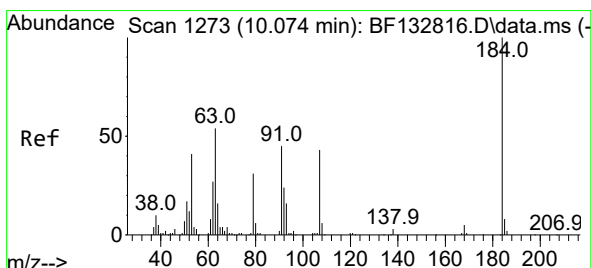
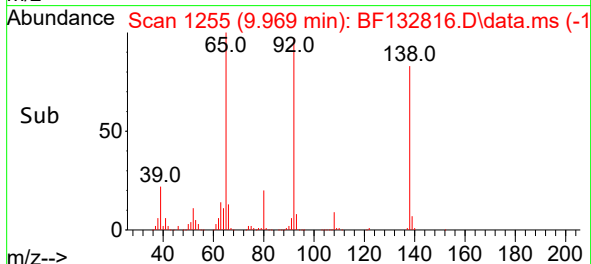
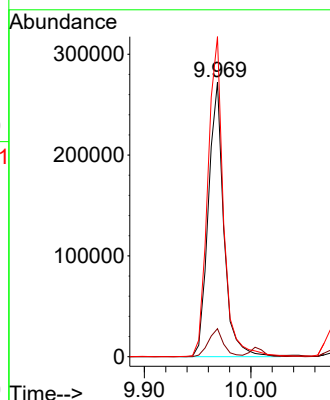
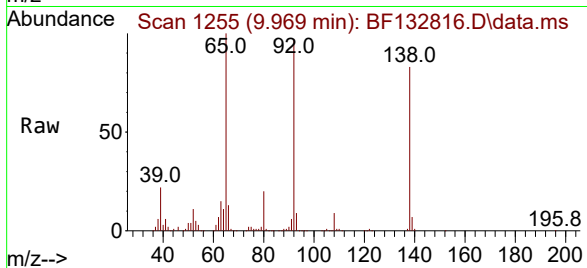
Tgt Ion:138 Resp: 275444

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.2

92 116.6 93.3 139.9



#54

2,4-Dinitrophenol

Concen: 28.445 ng

RT: 10.074 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

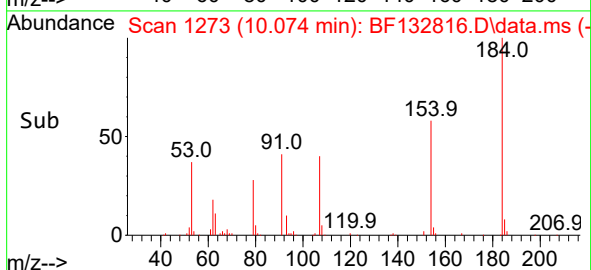
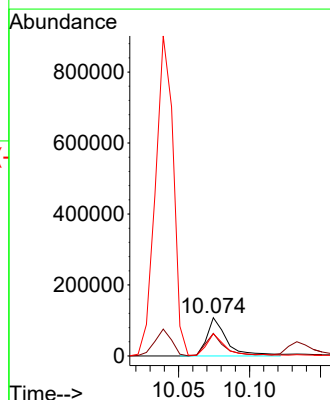
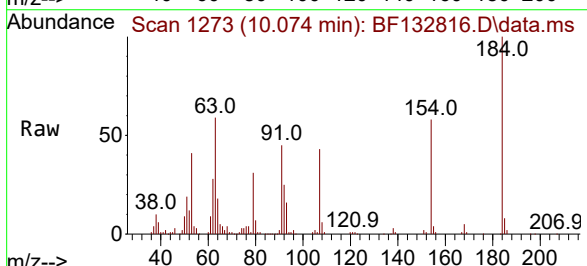
Tgt Ion:184 Resp: 105176

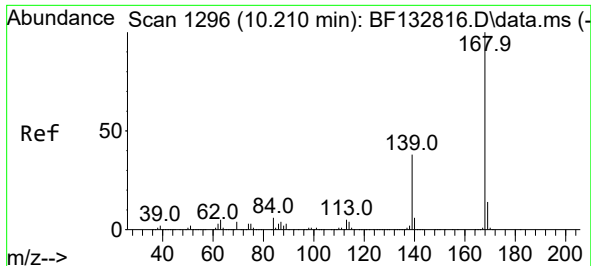
Ion Ratio Lower Upper

184 100

63 59.0 47.2 70.8

154 58.1 46.5 69.7

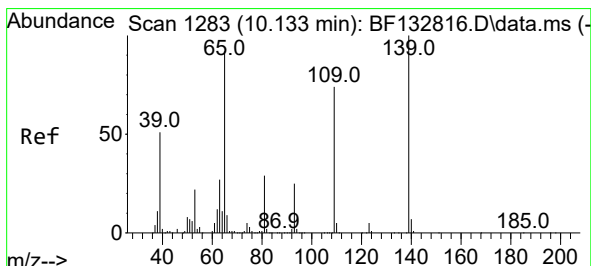
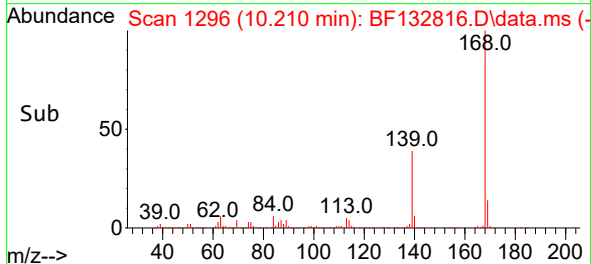
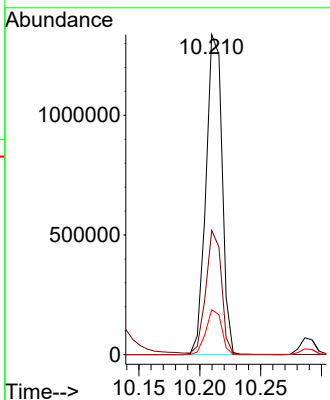
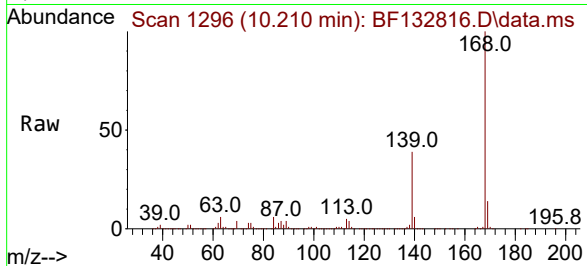




#55
Dibenzenofuran
Concen: 36.591 ng
RT: 10.210 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

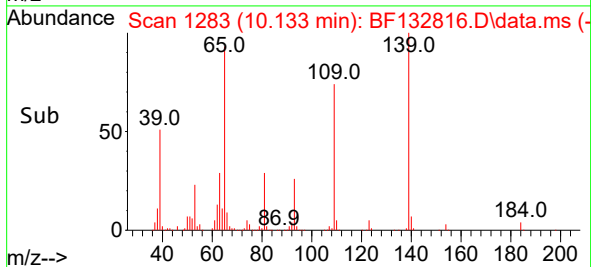
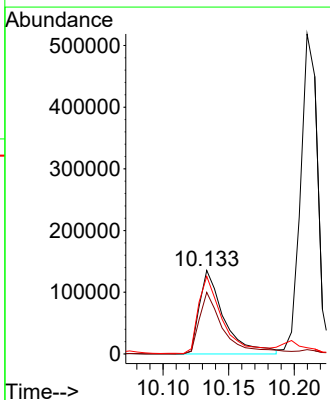
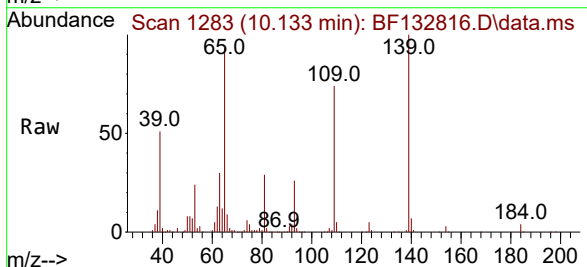
Instrument :
BNA_F
ClientSampleId :

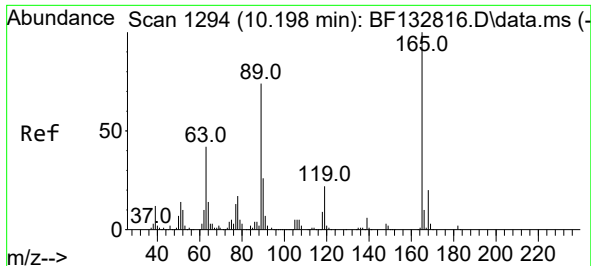
Tgt Ion:168 Resp: 1229750
Ion Ratio Lower Upper
168 100
139 38.8 31.0 46.6
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 33.575 ng
RT: 10.133 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

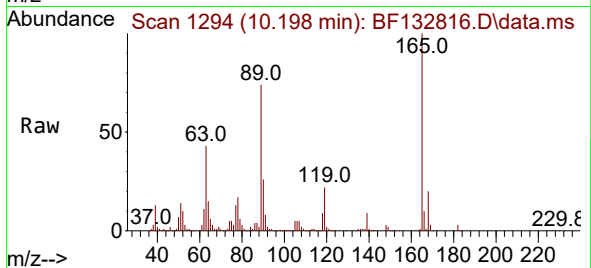
Tgt Ion:139 Resp: 176556
Ion Ratio Lower Upper
139 100
109 73.8 53.8 93.8
65 93.0 73.0 113.0



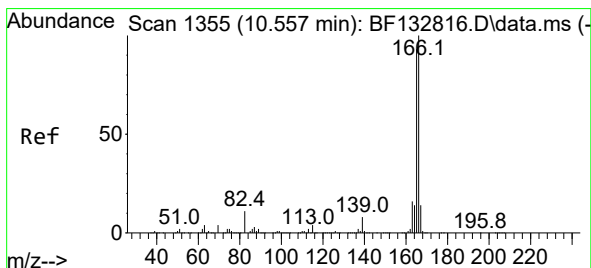
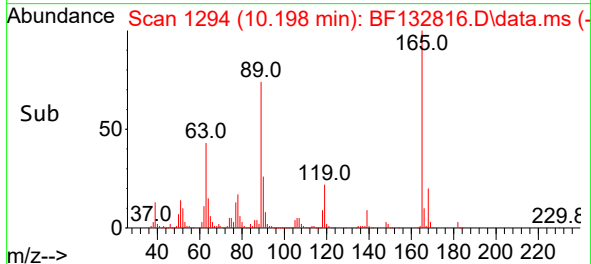
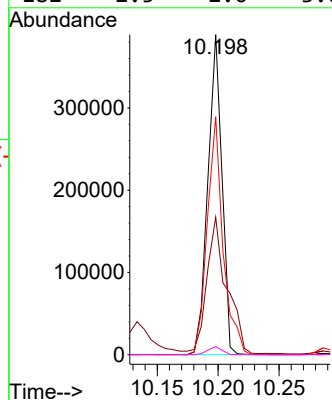


#57
2,4-Dinitrotoluene
Concen: 37.202 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Instrument :
BNA_F
ClientSampleId :

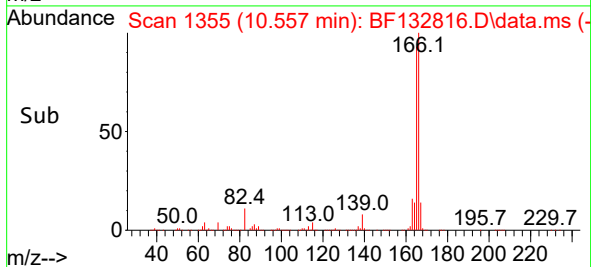
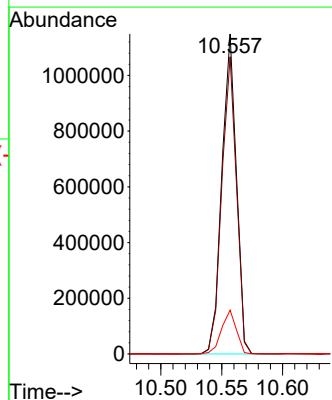
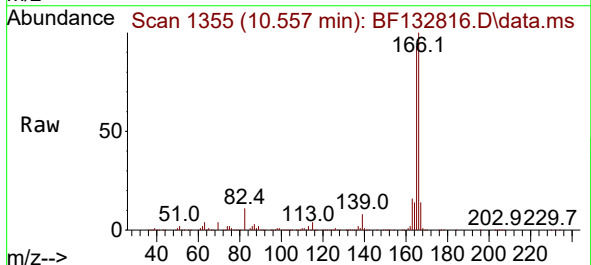


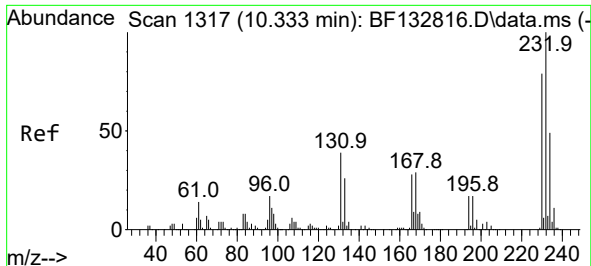
Tgt Ion:165 Resp: 311977
Ion Ratio Lower Upper
165 100
63 43.0 34.4 51.6
89 74.4 59.5 89.3
182 2.5 2.0 3.0



#58
Fluorene
Concen: 37.179 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:166 Resp: 955754
Ion Ratio Lower Upper
166 100
165 92.9 74.3 111.5
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.972 ng

RT: 10.333 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 284792

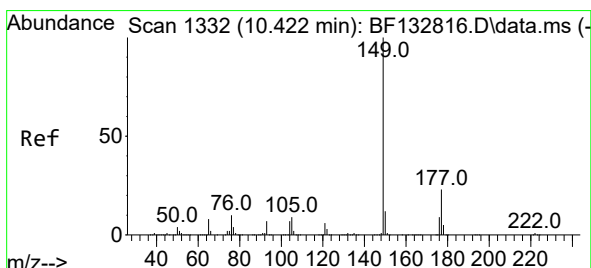
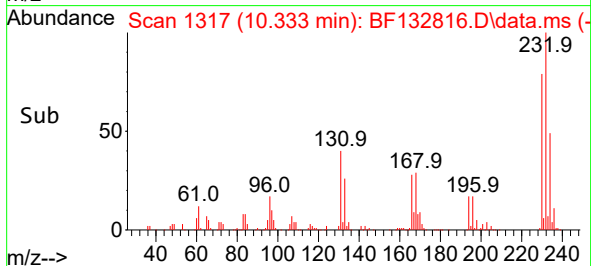
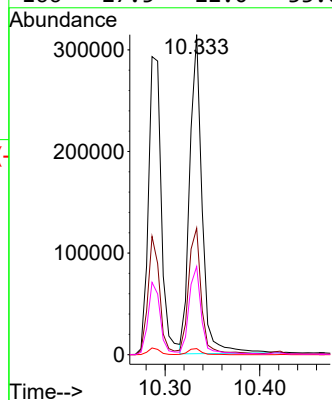
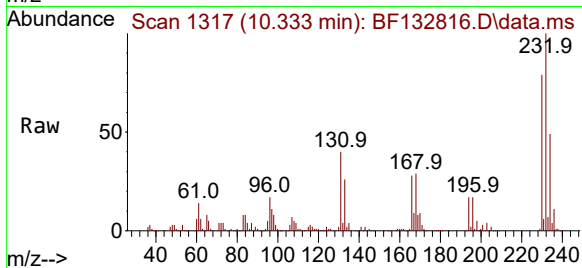
Ion Ratio Lower Upper

232 100

131 40.7 32.6 48.8

130 2.1 1.7 2.5

166 27.5 22.0 33.0



#60

Diethylphthalate

Concen: 38.023 ng

RT: 10.422 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

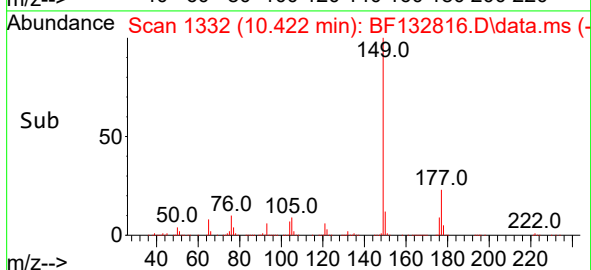
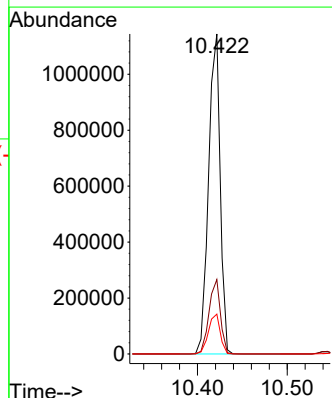
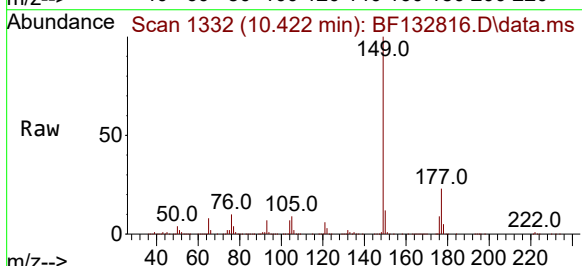
Tgt Ion:149 Resp: 1027863

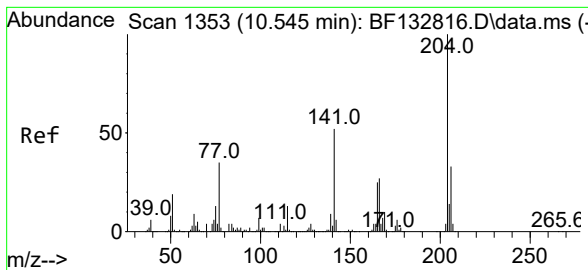
Ion Ratio Lower Upper

149 100

177 23.3 18.6 28.0

150 12.5 10.0 15.0

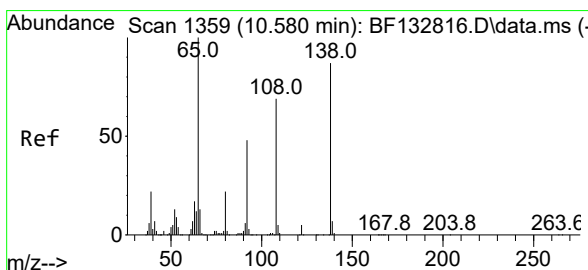
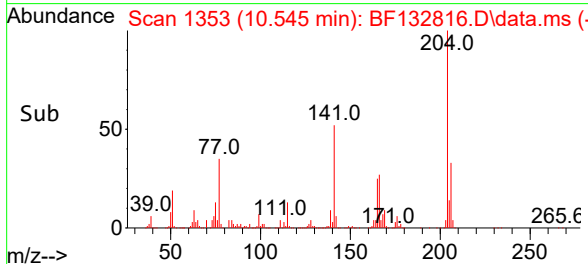
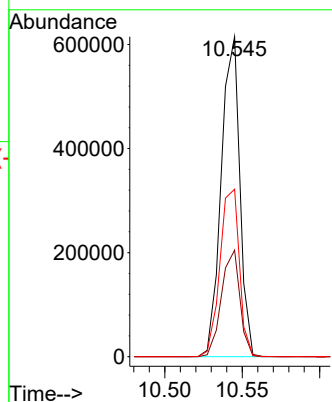
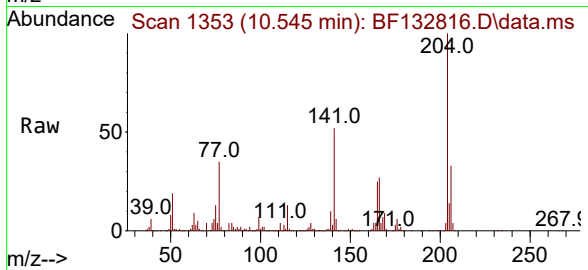




#61
4-Chlorophenyl-phenylether
Concen: 38.400 ng
RT: 10.545 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

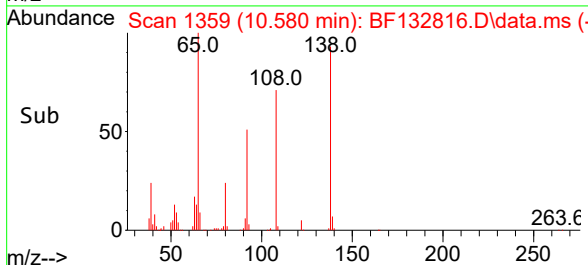
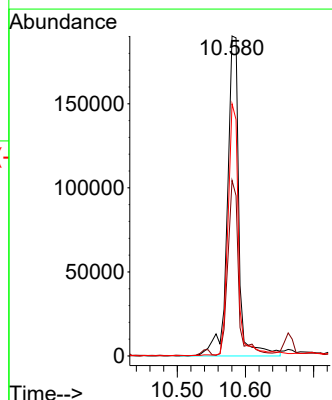
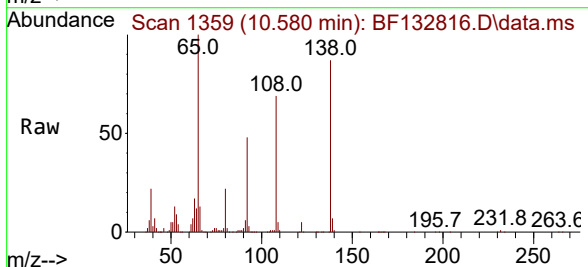
Instrument :
BNA_F
ClientSampleId :

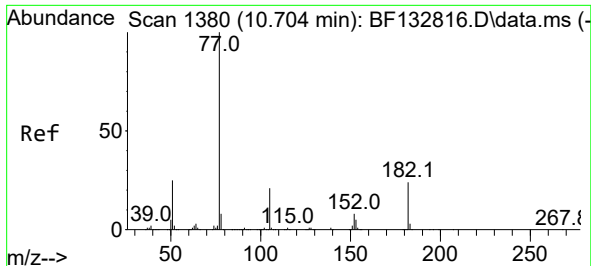
Tgt Ion:204 Resp: 512098
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 52.4 41.9 62.9



#62
4-Nitroaniline
Concen: 32.484 ng
RT: 10.580 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:138 Resp: 224841
Ion Ratio Lower Upper
138 100
92 54.9 34.9 74.9
108 78.8 58.8 98.8

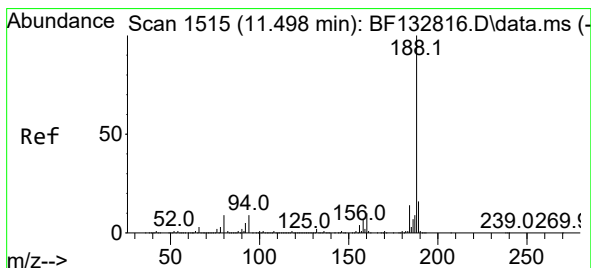
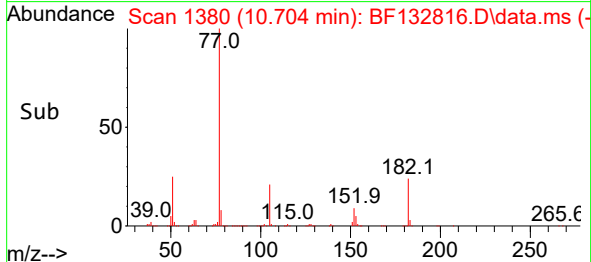
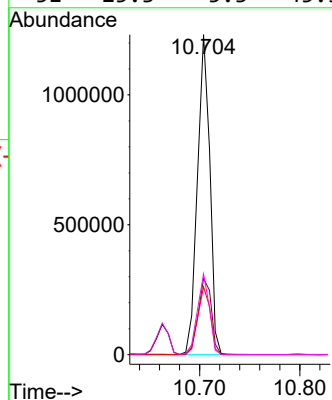
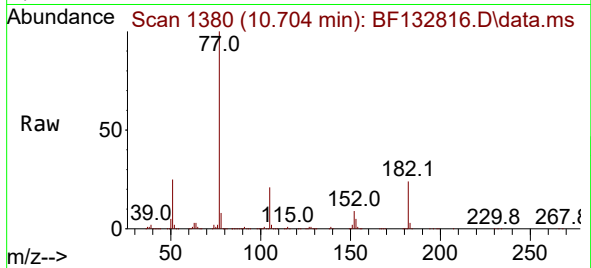




#63
Azobenzene
Concen: 36.730 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

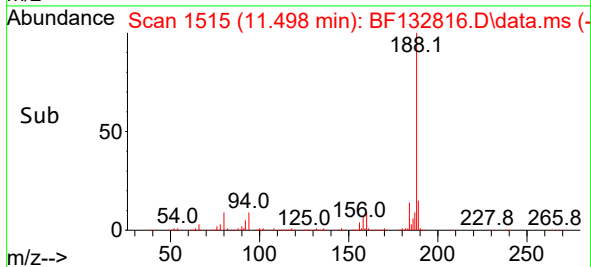
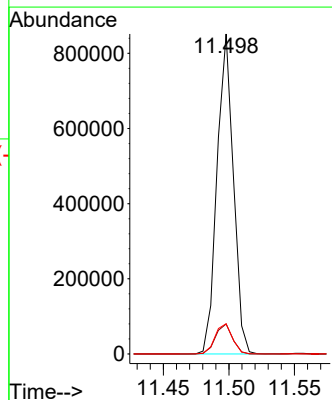
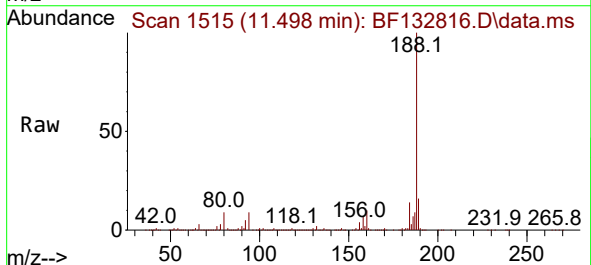
Instrument :
BNA_F
ClientSampleId :

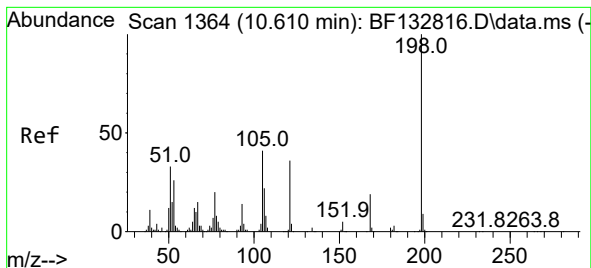
Tgt Ion: 77 Resp: 1051529
Ion Ratio Lower Upper
77 100
182 23.8 3.8 43.8
105 21.2 1.2 41.2
51 25.3 5.3 45.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion: 188 Resp: 739105
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.4 7.5 11.3

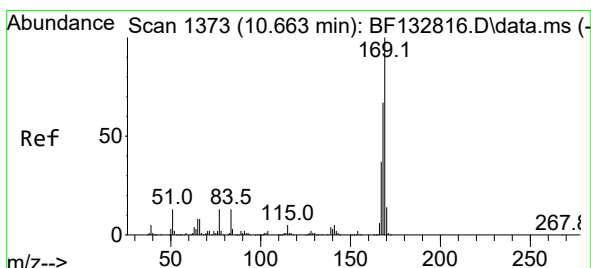
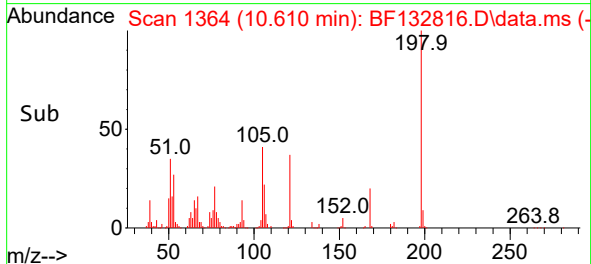
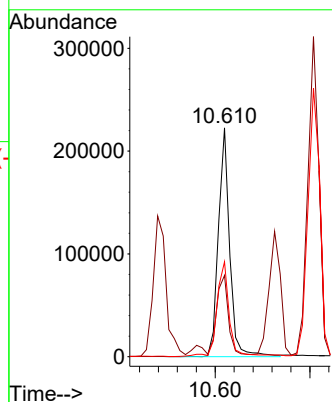
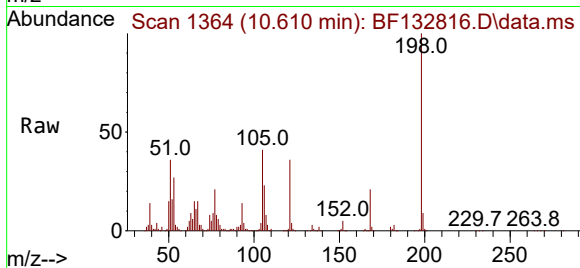




#65
4,6-Dinitro-2-methylphenol
Concen: 37.003 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

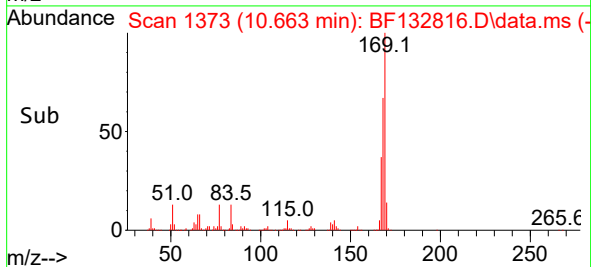
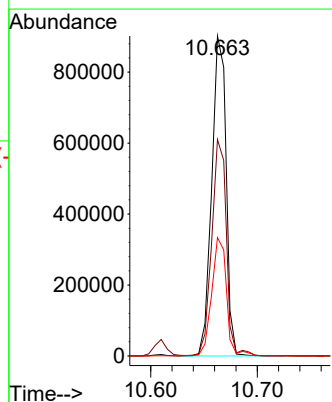
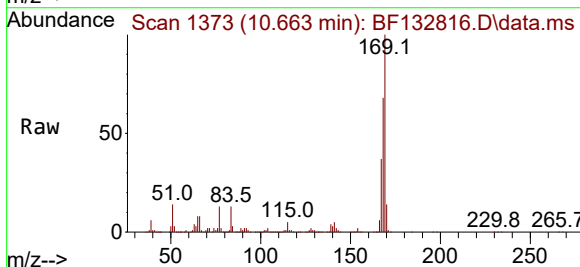
Instrument :
BNA_F
ClientSampleId :

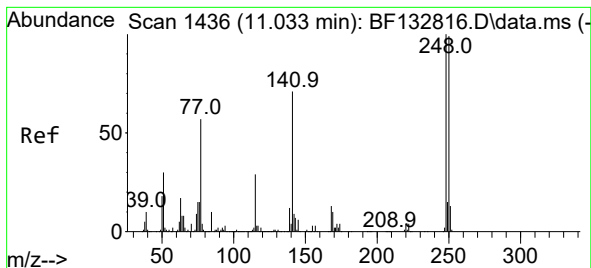
Tgt Ion:198 Resp: 185138
Ion Ratio Lower Upper
198 100
51 35.6 15.6 55.6
105 41.5 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 36.771 ng
RT: 10.663 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:169 Resp: 847292
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 37.0 29.6 44.4

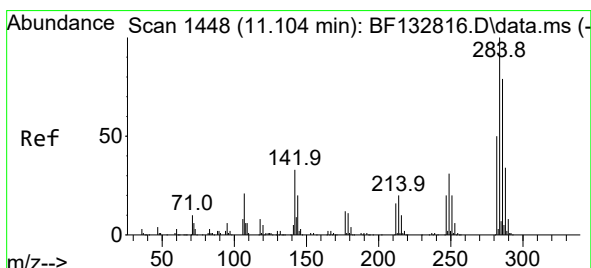
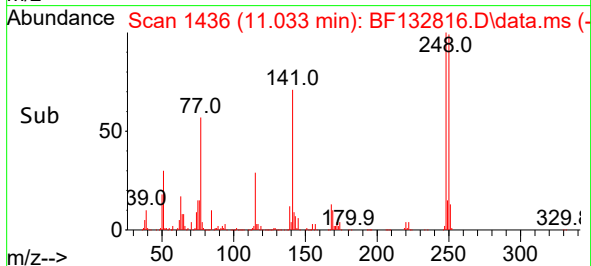
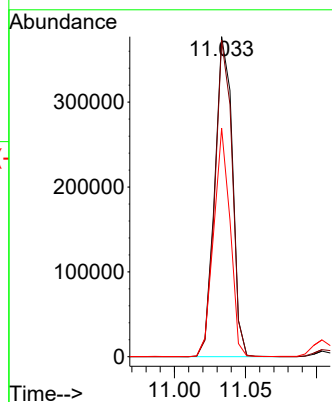
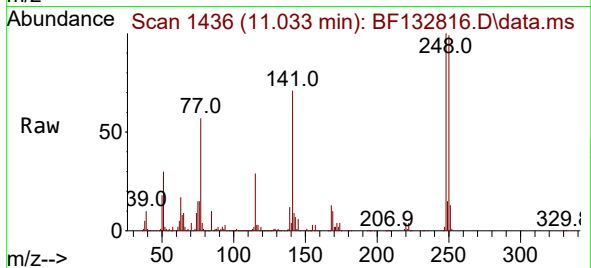




#67
4-Bromophenyl-phenylether
Concen: 38.998 ng
RT: 11.033 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

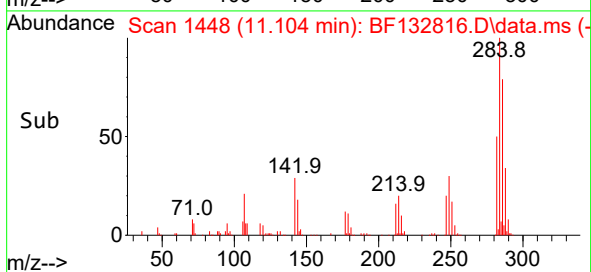
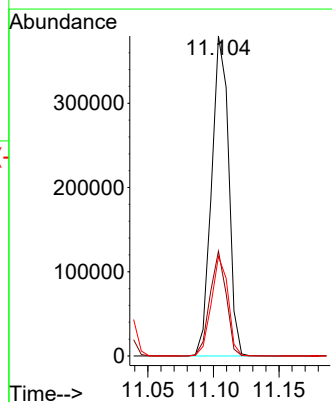
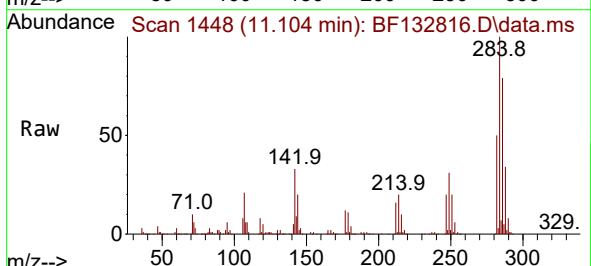
Instrument :
BNA_F
ClientSampleId :

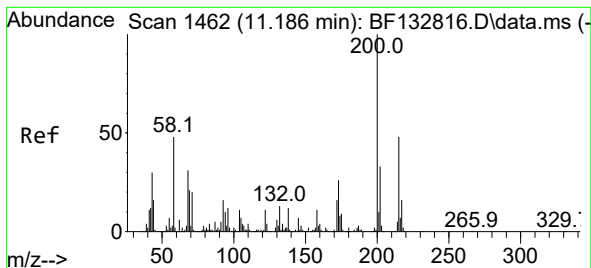
Tgt Ion:248 Resp: 326036
Ion Ratio Lower Upper
248 100
250 98.9 79.1 118.7
141 71.4 57.1 85.7



#68
Hexachlorobenzene
Concen: 39.027 ng
RT: 11.104 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:284 Resp: 343323
Ion Ratio Lower Upper
284 100
142 32.7 26.2 39.2
249 31.1 24.9 37.3





#69

Atrazine

Concen: 35.589 ng

RT: 11.186 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

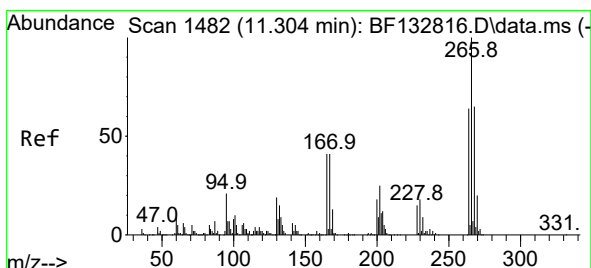
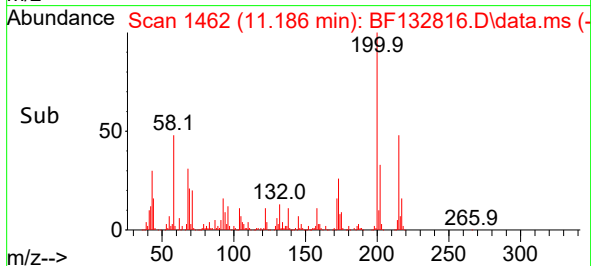
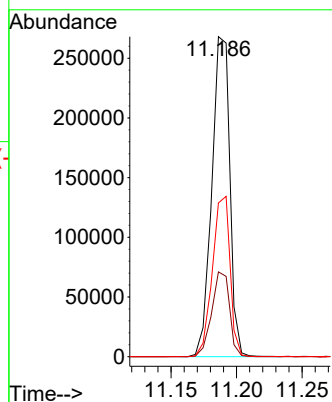
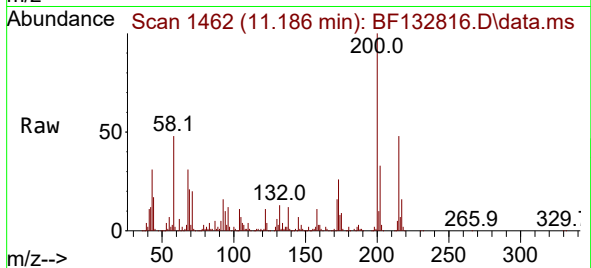
Tgt Ion:200 Resp: 256008

Ion Ratio Lower Upper

200 100

173 26.5 6.5 46.5

215 48.0 28.0 68.0



#70

Pentachlorophenol

Concen: 31.385 ng

RT: 11.304 min Scan# 1482

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

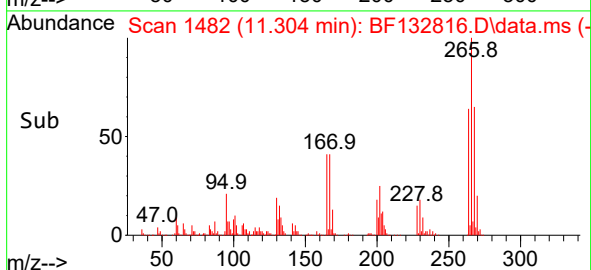
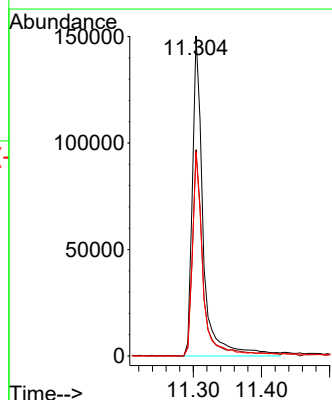
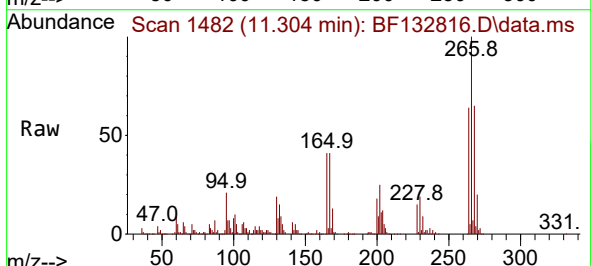
Tgt Ion:266 Resp: 164266

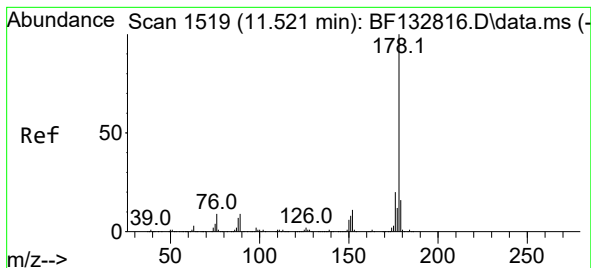
Ion Ratio Lower Upper

266 100

268 64.5 51.6 77.4

264 63.7 51.0 76.4





#71

Phenanthrene

Concen: 36.429 ng

RT: 11.521 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

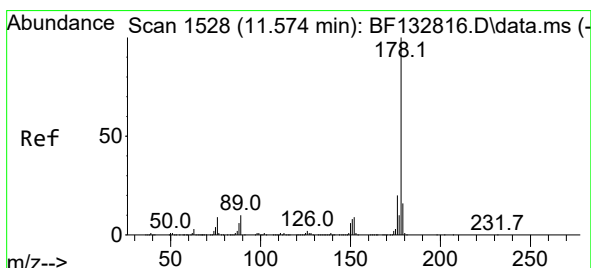
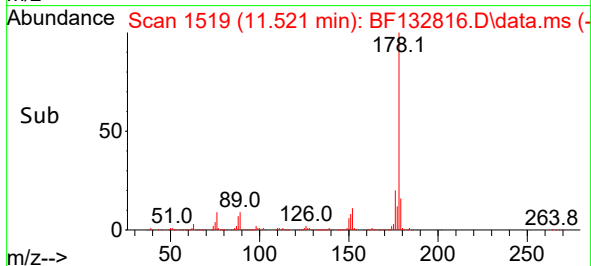
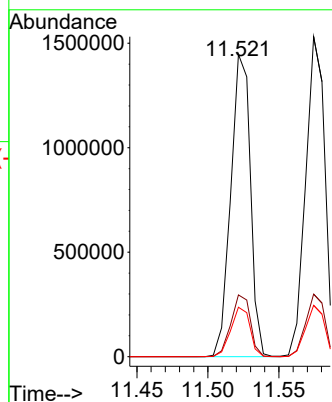
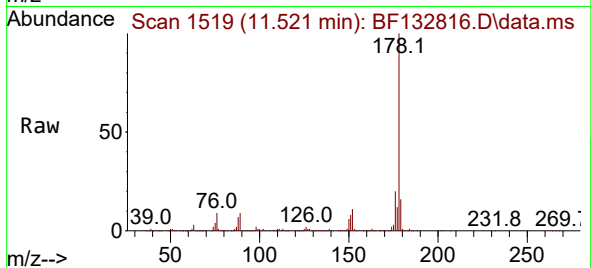
Tgt Ion:178 Resp: 1394831

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

179 16.4 13.1 19.7



#72

Anthracene

Concen: 36.550 ng

RT: 11.574 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

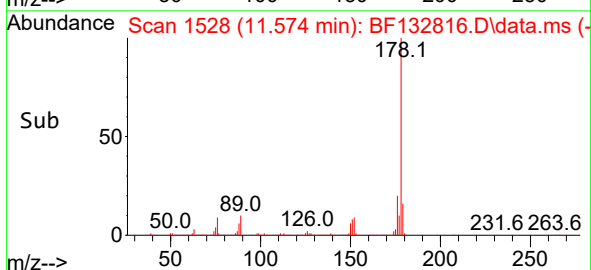
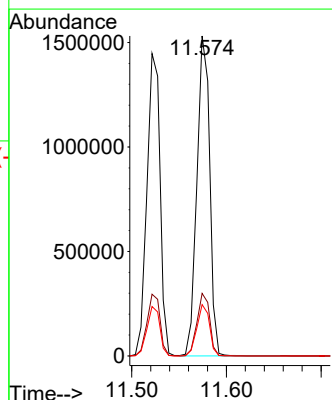
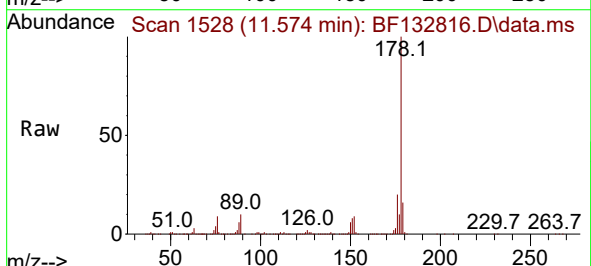
Tgt Ion:178 Resp: 1441155

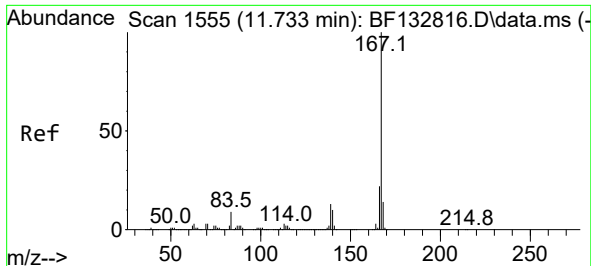
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 16.0 12.8 19.2

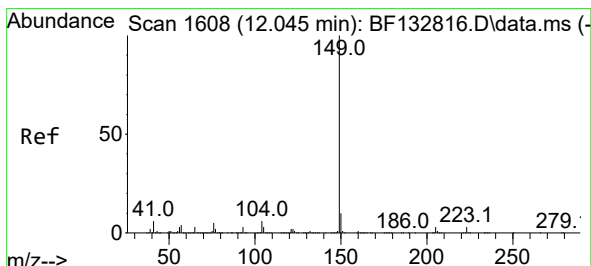
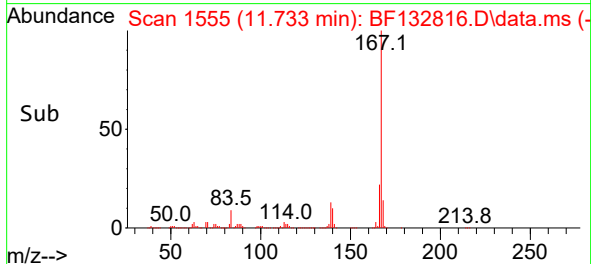
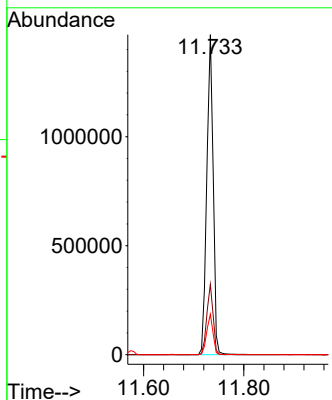
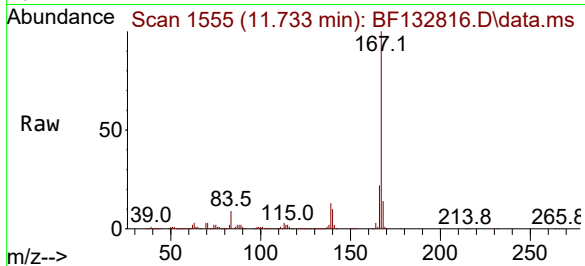




#73
 Carbazole
 Concen: 36.921 ng
 RT: 11.733 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

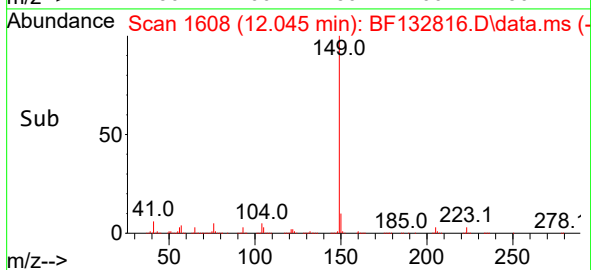
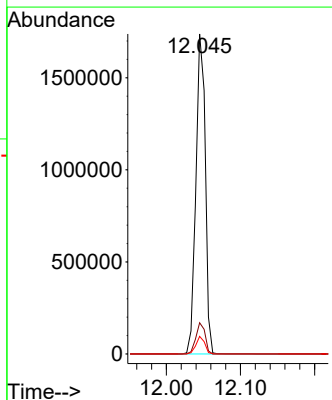
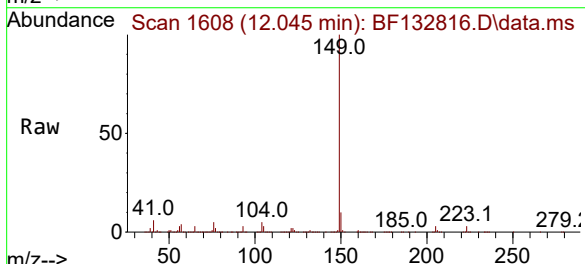
Instrument :
 BNA_F
 ClientSampleId :

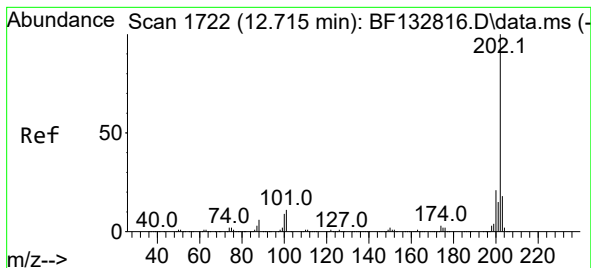
Tgt Ion:167 Resp: 1312524
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.552 ng
 RT: 12.045 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 1524231
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 38.303 ng

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

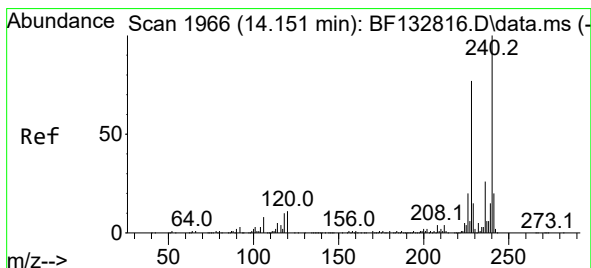
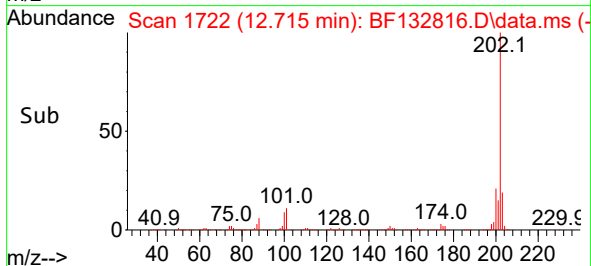
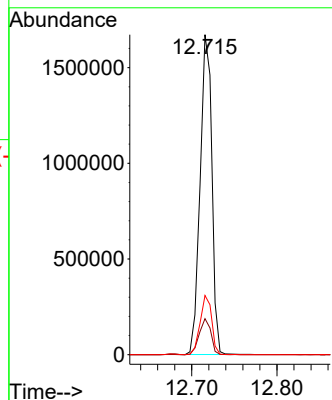
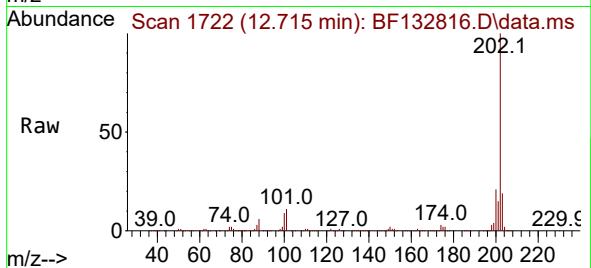
Tgt Ion:202 Resp: 1603278

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 18.5 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: BF132816.D

Acq: 16 Mar 2023 16:49

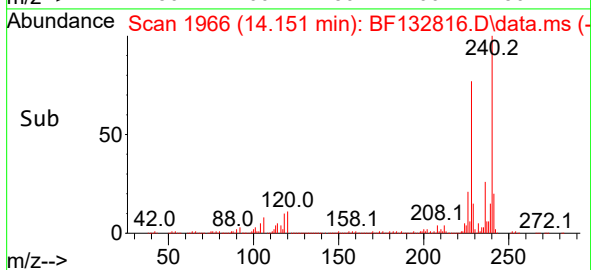
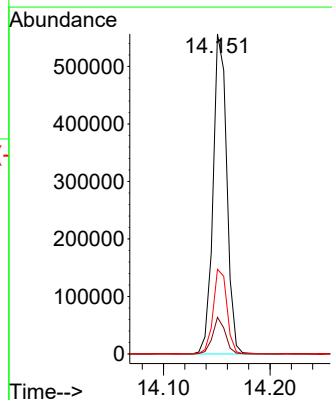
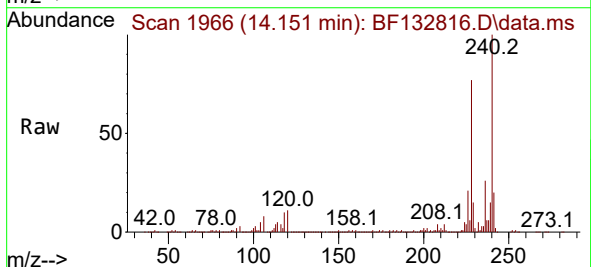
Tgt Ion:240 Resp: 497721

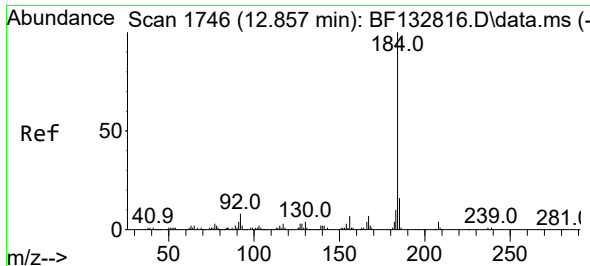
Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

236 26.5 21.2 31.8

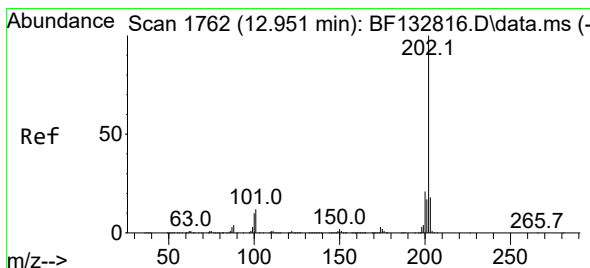
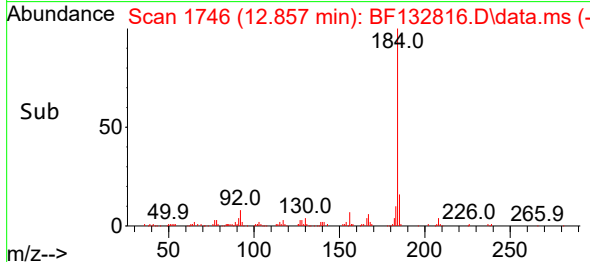
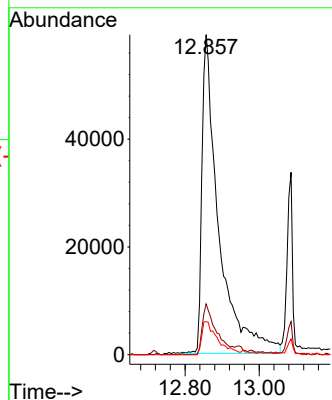
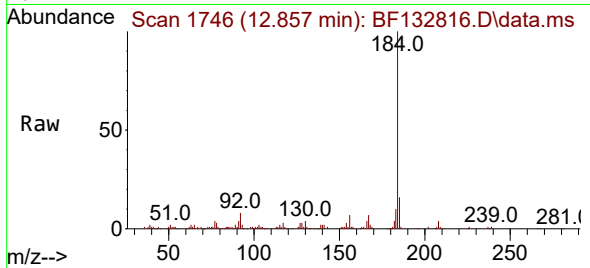




#77
Benzidine
Concen: 15.323 ng
RT: 12.857 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

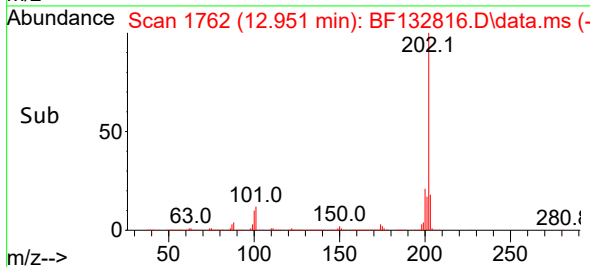
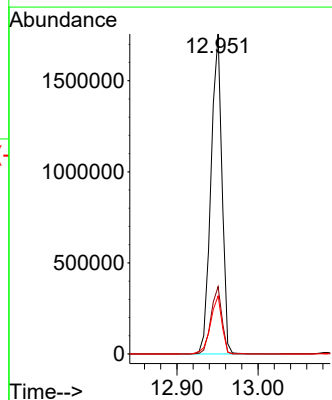
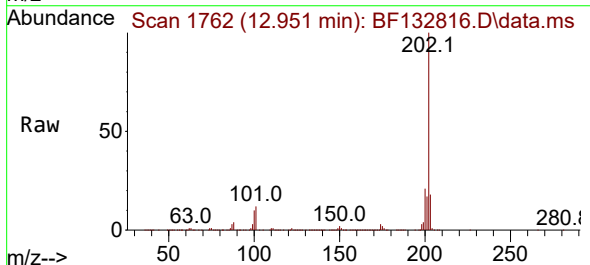
Instrument :
BNA_F
ClientSampleId :

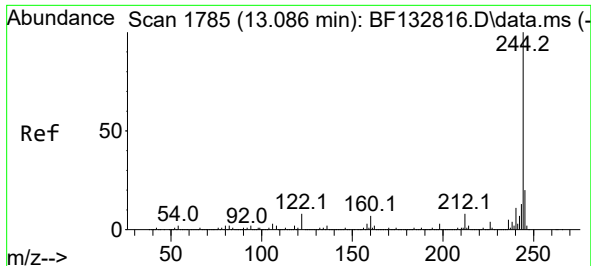
Tgt Ion:184 Resp: 185648
Ion Ratio Lower Upper
184 100
185 15.8 12.6 19.0
183 10.3 8.2 12.4



#78
Pyrene
Concen: 36.440 ng
RT: 12.951 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:202 Resp: 1648975
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 18.2 14.6 21.8

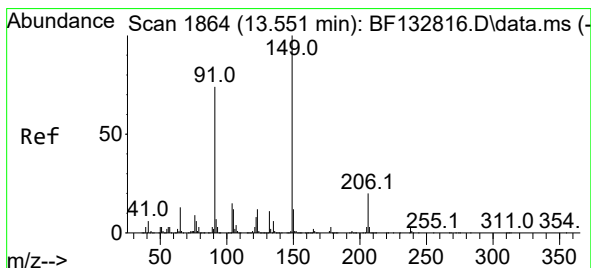
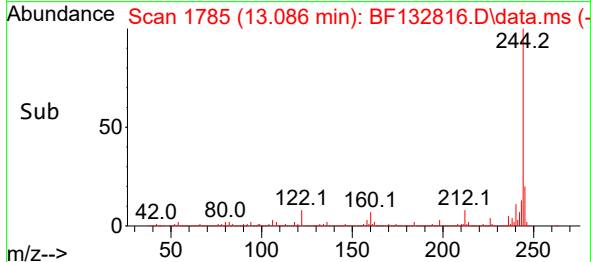
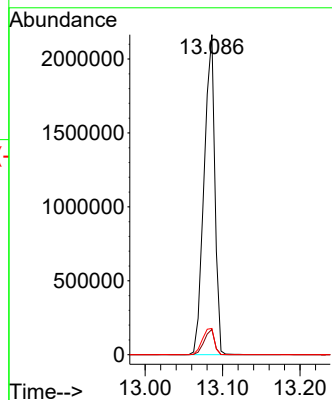
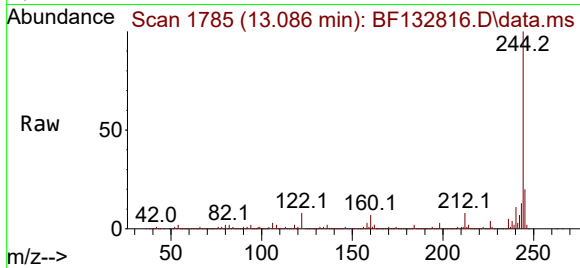




#79
 Terphenyl-d14
 Concen: 70.846 ng
 RT: 13.086 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

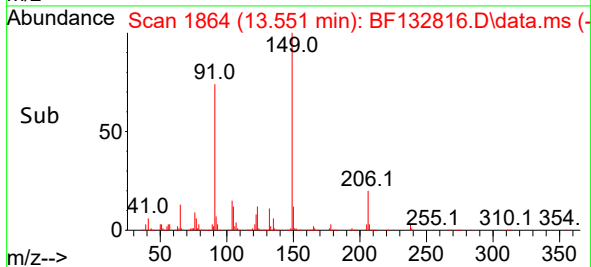
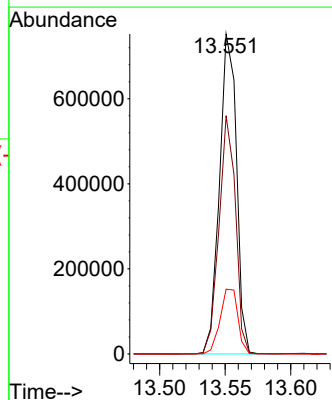
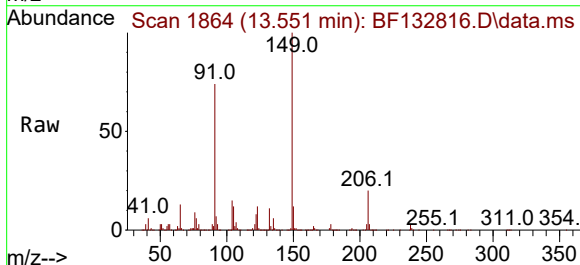
Instrument :
 BNA_F
 ClientSampleId :

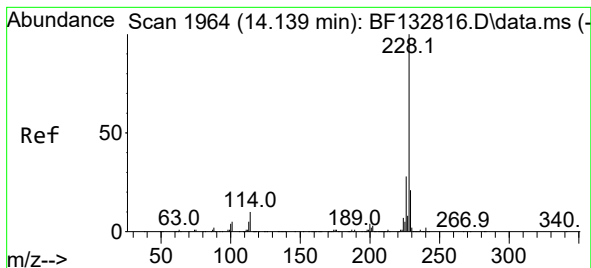
Tgt Ion:244 Resp: 2085555
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.2 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 37.991 ng
 RT: 13.551 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: BF132816.D
 Acq: 16 Mar 2023 16:49

Tgt Ion:149 Resp: 678418
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.5 89.3
 206 20.3 16.2 24.4





#81

Benzo(a)anthracene

Concen: 37.968 ng

RT: 14.139 min Scan# 1964

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

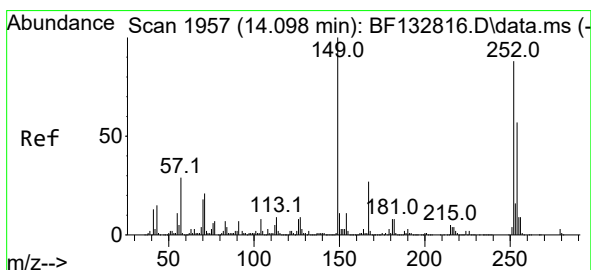
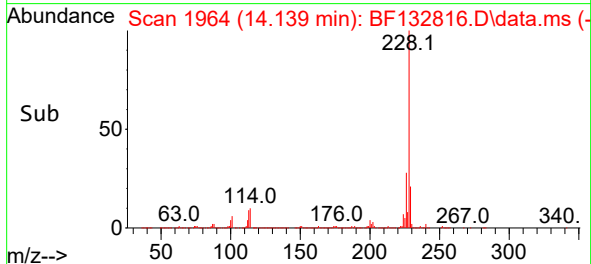
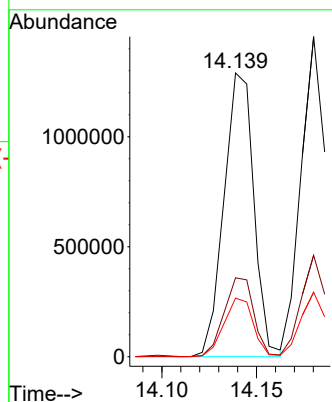
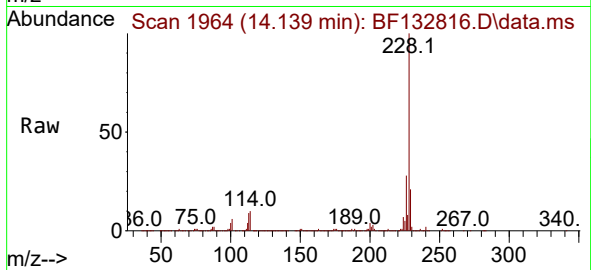
Tgt Ion:228 Resp: 1413962

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.6 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 33.603 ng

RT: 14.098 min Scan# 1957

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

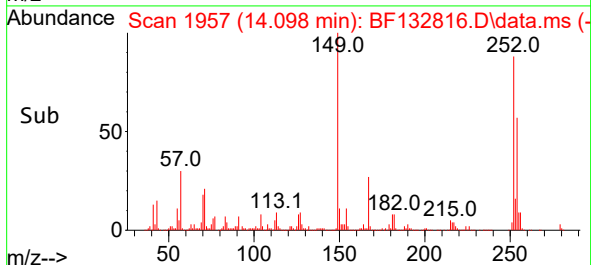
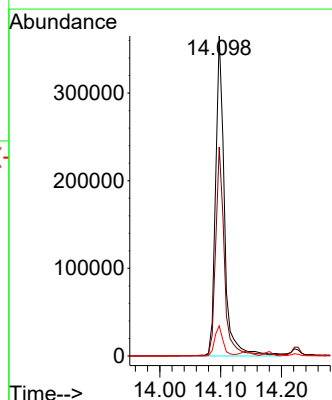
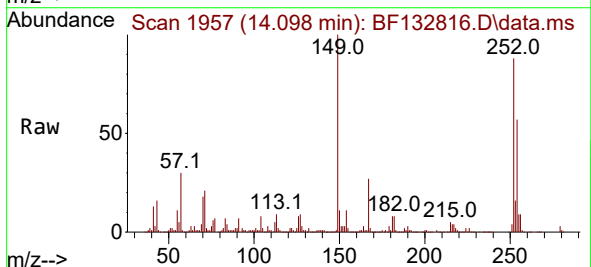
Tgt Ion:252 Resp: 368934

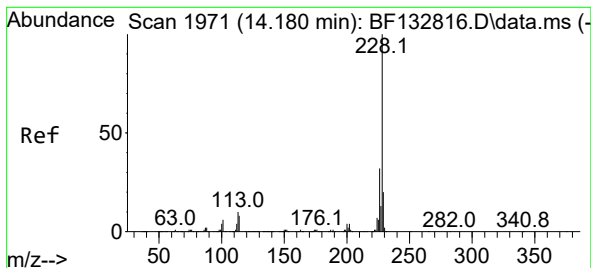
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 9.4 7.5 11.3





#83

Chrysene

Concen: 37.524 ng

RT: 14.180 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

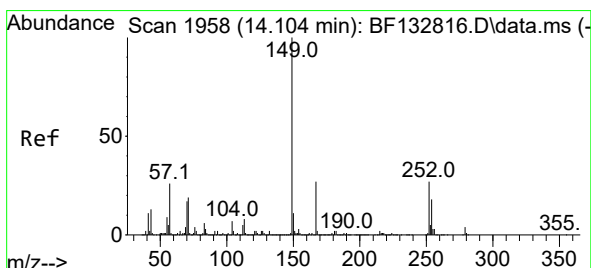
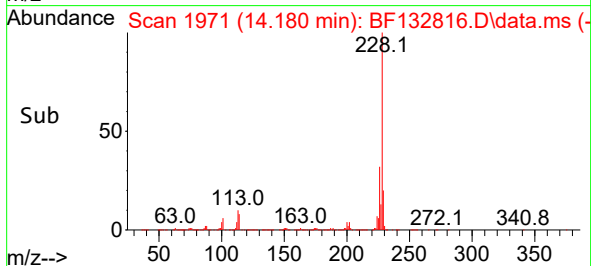
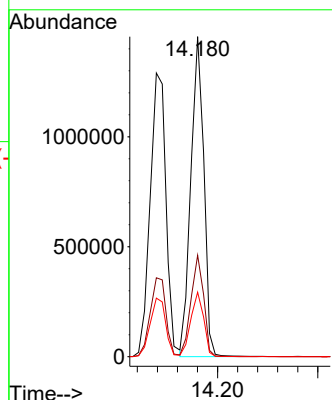
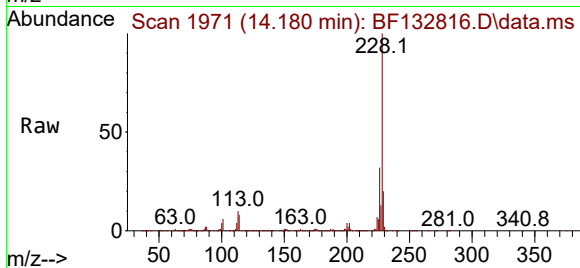
Tgt Ion:228 Resp: 1306760

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.805 ng

RT: 14.104 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

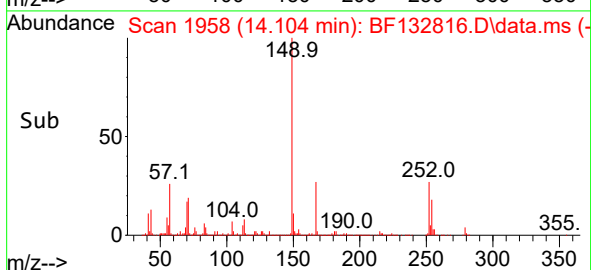
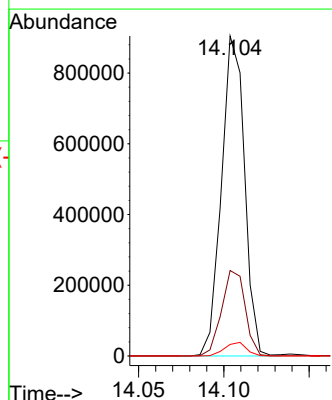
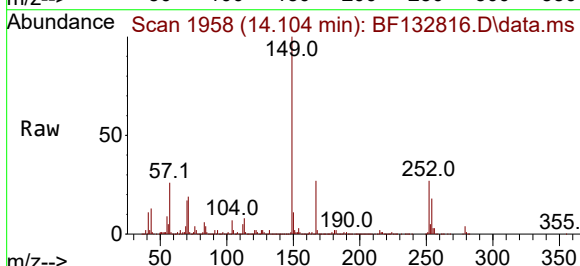
Tgt Ion:149 Resp: 851246

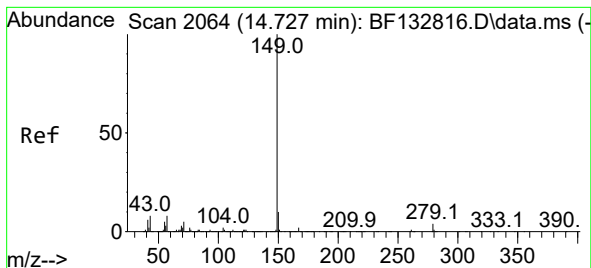
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 3.6 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 39.254 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

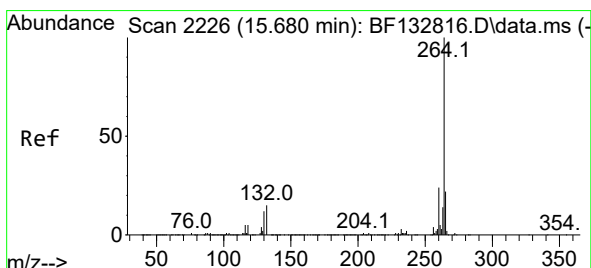
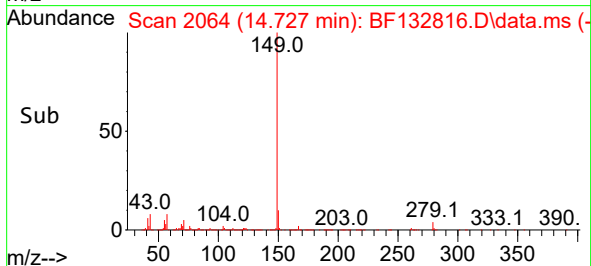
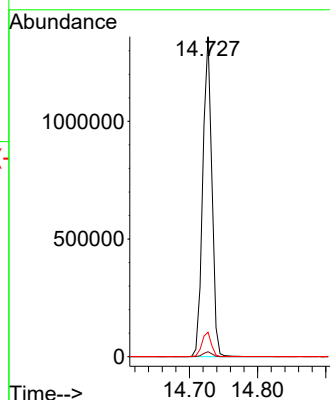
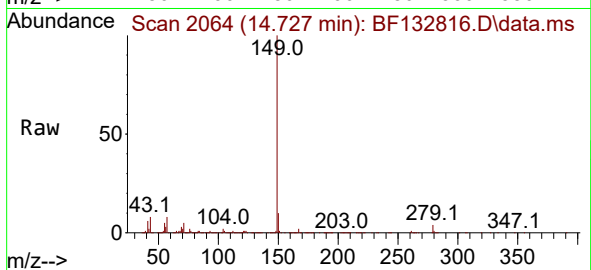
Tgt Ion:149 Resp: 1258343

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

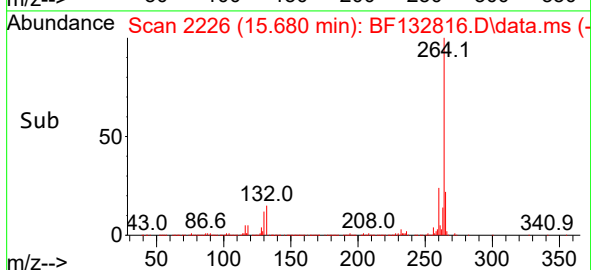
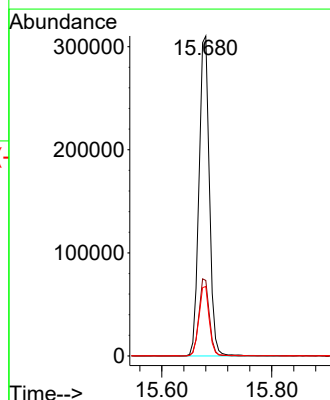
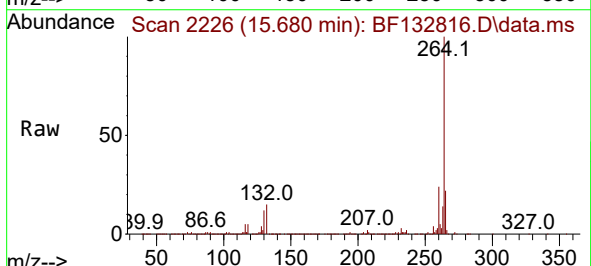
Tgt Ion:264 Resp: 407871

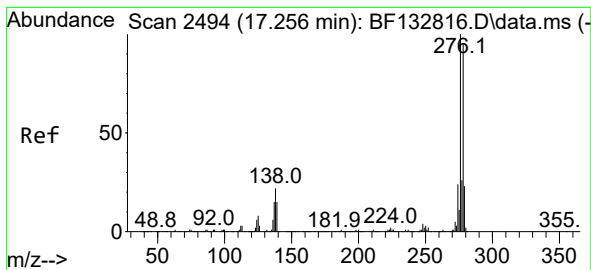
Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.282 ng

RT: 17.256 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

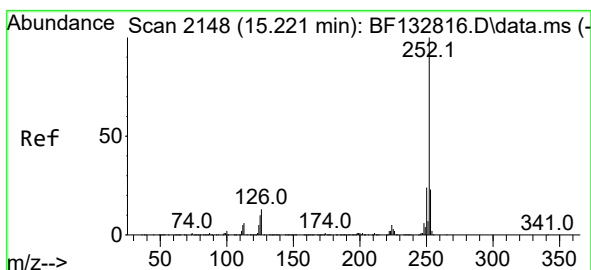
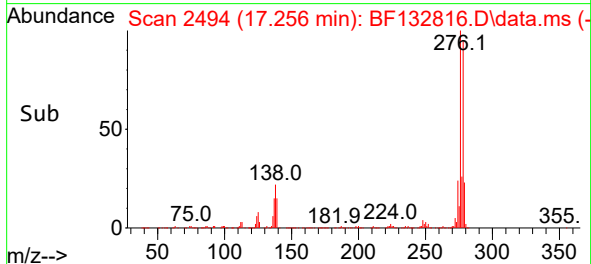
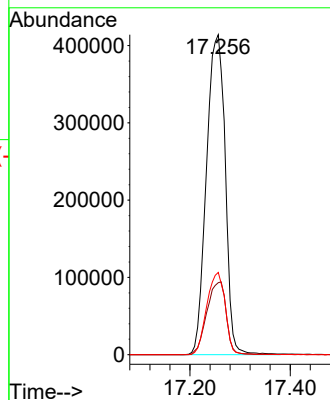
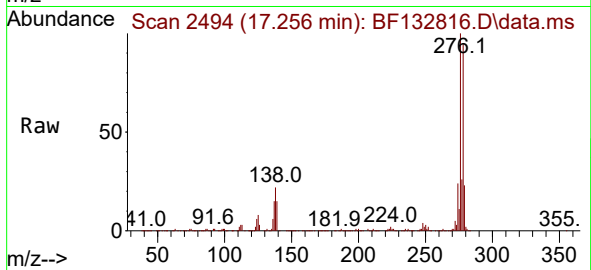
Tgt Ion:276 Resp: 1076559

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.802 ng

RT: 15.221 min Scan# 2148

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

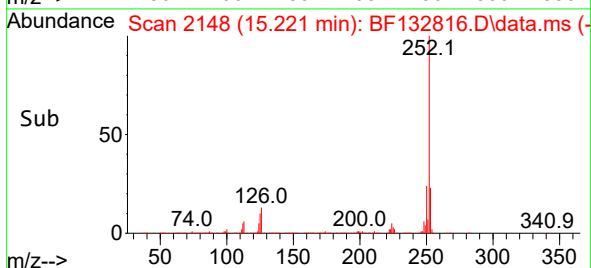
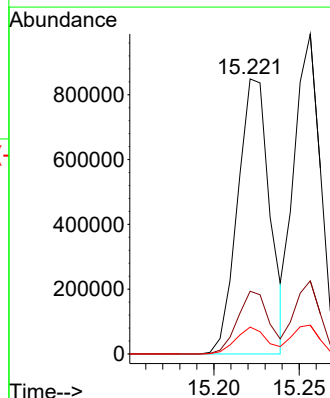
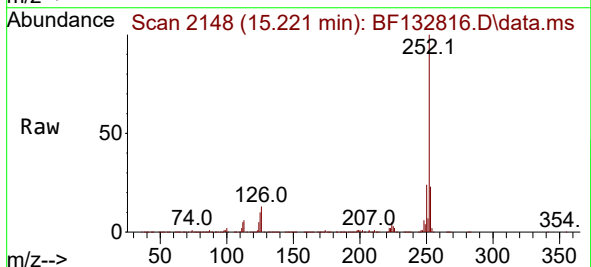
Tgt Ion:252 Resp: 1115249

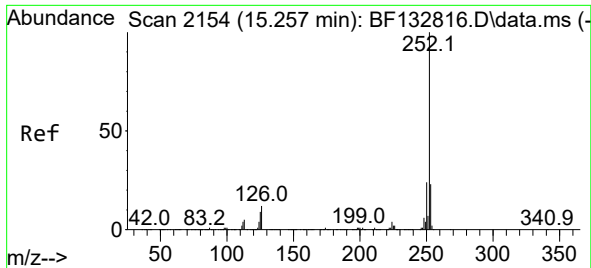
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 9.8 7.8 11.8

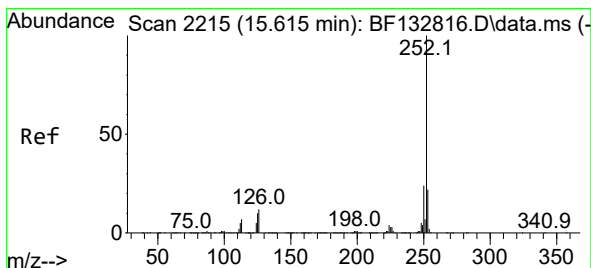
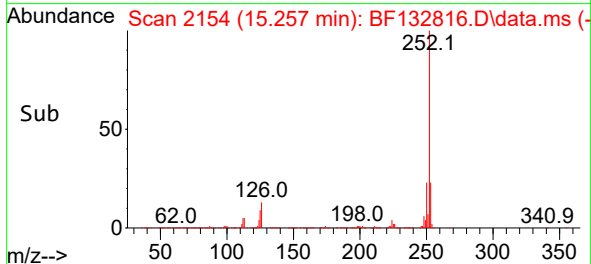
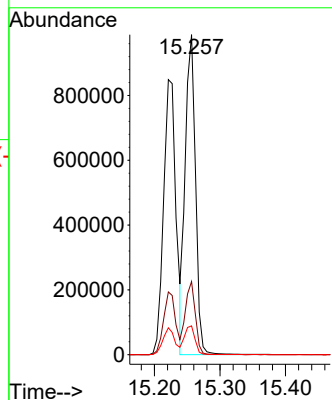
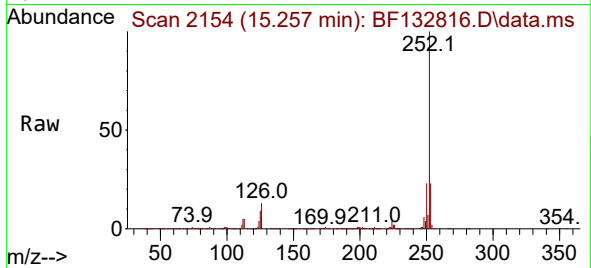




#89
Benzo(k)fluoranthene
Concen: 39.935 ng
RT: 15.257 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

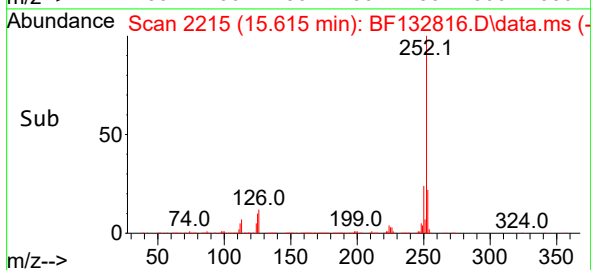
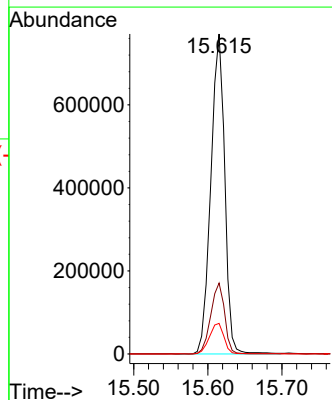
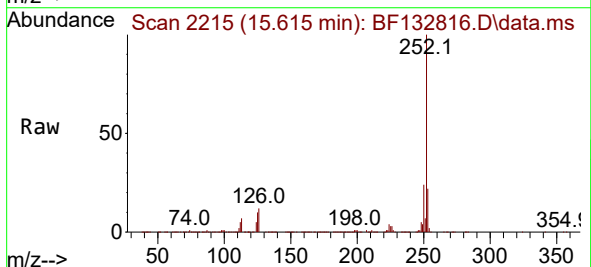
Instrument :
BNA_F
ClientSampleId :

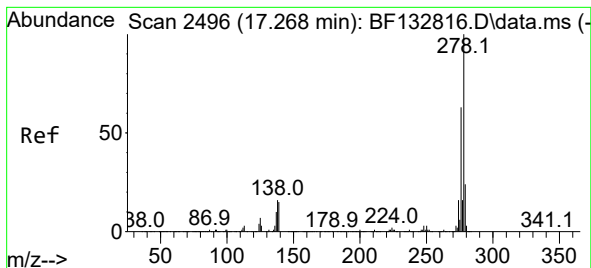
Tgt Ion:252 Resp: 1068305
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 9.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 39.174 ng
RT: 15.615 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF132816.D
Acq: 16 Mar 2023 16:49

Tgt Ion:252 Resp: 1002152
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.6 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 41.165 ng

RT: 17.268 min Scan# 2496

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Instrument :

BNA_F

ClientSampleId :

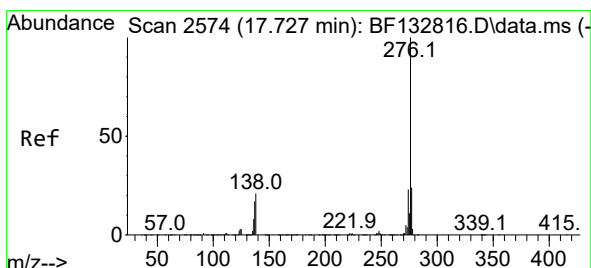
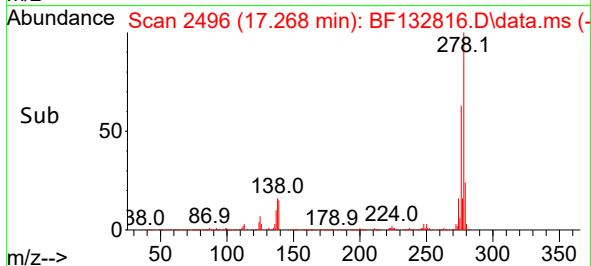
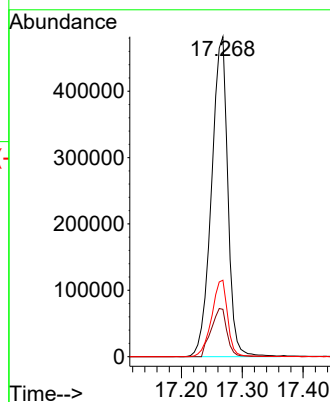
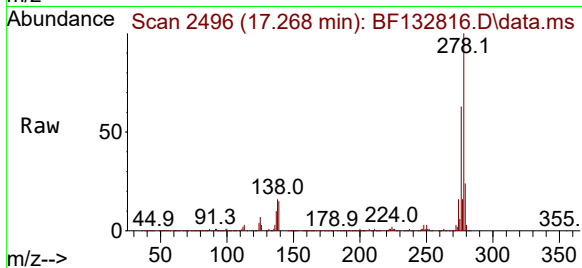
Tgt Ion:278 Resp: 896374

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

279 23.9 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 41.627 ng

RT: 17.727 min Scan# 2574

Delta R.T. 0.000 min

Lab File: BF132816.D

Acq: 16 Mar 2023 16:49

Tgt Ion:276 Resp: 943964

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 21.0 16.8 25.2

