

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132811.D
 Acq On : 16 Mar 2023 13:30
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 02:30:13 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	229070	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	785965	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	448554	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	760715	20.000	ng	0.00
76) Chrysene-d12	14.151	240	498239	20.000	ng	0.00
86) Perylene-d12	15.674	264	363275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1082591	76.702	ng	0.00
7) Phenol-d6	6.598	99	1320913	71.709	ng	0.00
23) Nitrobenzene-d5	7.534	82	1255314	75.776	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	384287	79.329	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2047569	69.507	ng	0.00
79) Terphenyl-d14	13.086	244	2302924	78.148	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	297051	38.047	ng	99
3) Pyridine	3.575	79	781425	37.706	ng	99
4) n-Nitrosodimethylamine	3.546	42	291212	37.201	ng	97
6) Aniline	6.634	93	746470	30.113	ng	98
8) 2-Chlorophenol	6.751	128	546921	37.336	ng	99
9) Benzaldehyde	6.516	77	228374	22.976	ng	98
10) Phenol	6.616	94	758639	35.923	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	751473	46.094	ng	99
12) 1,3-Dichlorobenzene	6.904	146	596326	37.934	ng	99
13) 1,4-Dichlorobenzene	6.981	146	602132	38.360	ng	99
14) 1,2-Dichlorobenzene	7.134	146	553850	36.766	ng	99
15) Benzyl Alcohol	7.110	79	441380	31.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	725007	34.873	ng	96
17) 2-Methylphenol	7.216	107	527698	38.599	ng	100
18) Hexachloroethane	7.475	117	238077	38.823	ng	97
19) n-Nitroso-di-n-propyla...	7.381	70	382632	33.752	ng	96
20) 3+4-Methylphenols	7.369	107	572163	32.394	ng	94
22) Acetophenone	7.375	105	730303	36.849	ng	98
24) Nitrobenzene	7.551	77	688634	38.868	ng	98
25) Isophorone	7.786	82	1268237	39.931	ng	99
26) 2-Nitrophenol	7.863	139	321992	41.191	ng	99
27) 2,4-Dimethylphenol	7.898	122	506305	41.037	ng	100
28) bis(2-Chloroethoxy)met...	7.986	93	773334	41.623	ng	100
29) 2,4-Dichlorophenol	8.110	162	513654	41.853	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	543822	40.807	ng	100
31) Naphthalene	8.269	128	1529172	38.005	ng	100
32) Benzoic acid	8.034	122	269302	30.157	ng	97
33) 4-Chloroaniline	8.322	127	475926	27.602	ng	97
34) Hexachlorobutadiene	8.375	225	357498	42.216	ng	97
35) Caprolactam	8.704	113	143619	35.496	ng	93
36) 4-Chloro-3-methylphenol	8.804	107	545472	40.471	ng	99
37) 2-Methylnaphthalene	8.957	142	1085952	39.603	ng	100
38) 1-Methylnaphthalene	9.057	142	983815	38.392	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	587205	40.012	ng	99
41) Hexachlorocyclopentadiene	9.104	237	300453	37.746	ng	100
43) 2,4,6-Trichlorophenol	9.239	196	391107	39.325	ng	99

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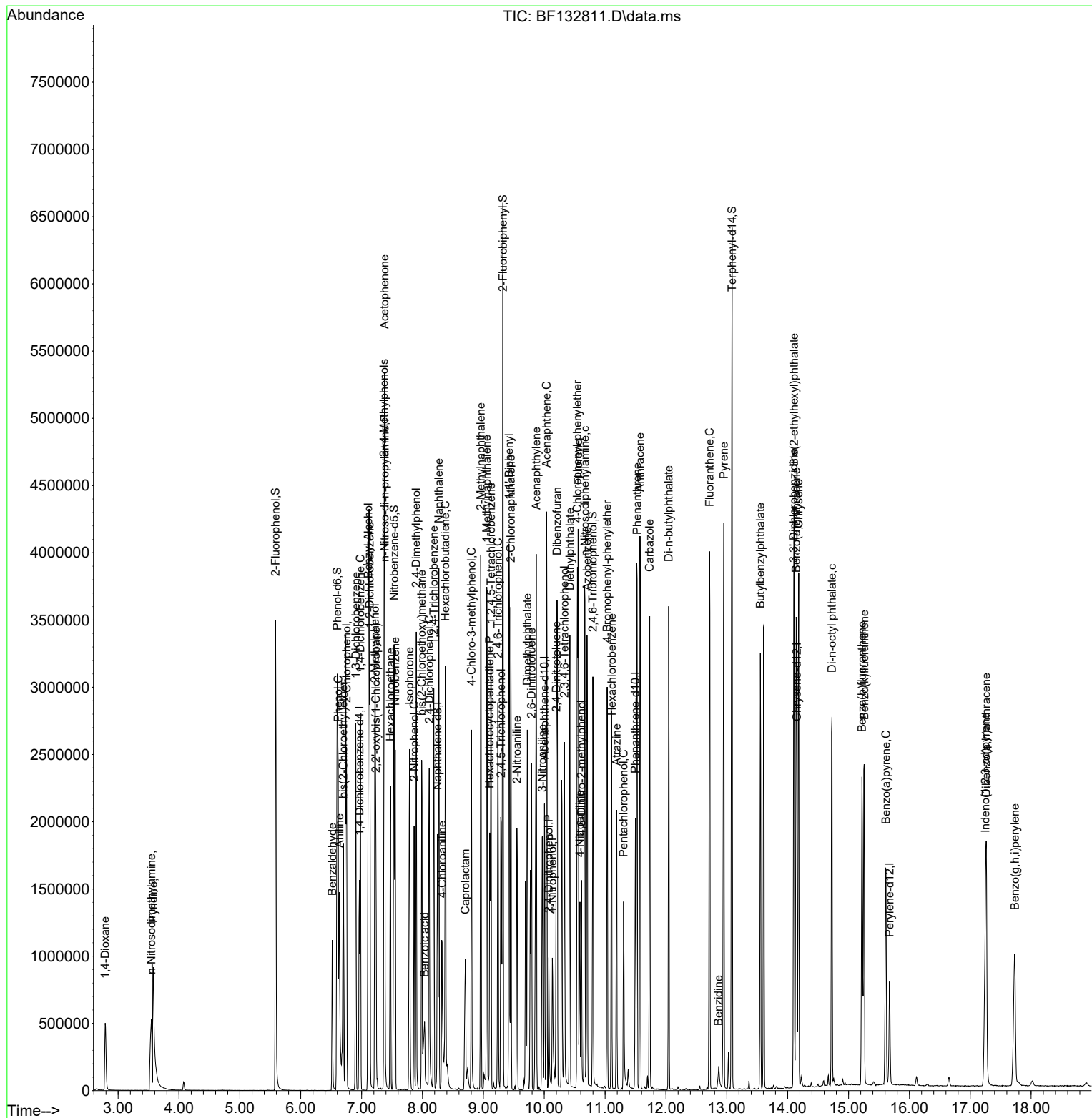
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	453768	39.091	ng	99
46) 1,1'-Biphenyl	9.422	154	1267377	37.330	ng	99
47) 2-Chloronaphthalene	9.451	162	1033895	38.410	ng	99
48) 2-Nitroaniline	9.551	65	340974	34.394	ng	99
49) Acenaphthylene	9.869	152	1605429	37.475	ng	100
50) Dimethylphthalate	9.722	163	1313567	40.219	ng	99
51) 2,6-Dinitrotoluene	9.792	165	283277	38.085	ng	92
52) Acenaphthene	10.039	154	941898	34.625	ng	100
53) 3-Nitroaniline	9.969	138	329320	39.580	ng	96
54) 2,4-Dinitrophenol	10.075	184	151087	34.629	ng	98
55) Dibenzofuran	10.210	168	1446737	36.481	ng	100
56) 4-Nitrophenol	10.133	139	225444	36.332	ng	97
57) 2,4-Dinitrotoluene	10.198	165	378437	38.244	ng	98
58) Fluorene	10.557	166	1155627	38.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	335735	38.936	ng	99
60) Diethylphthalate	10.422	149	1243263	38.976	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	612575	38.928	ng	99
62) 4-Nitroaniline	10.586	138	270573	33.128	ng	97
63) Azobenzene	10.704	77	1246249	36.891	ng	99
65) 4,6-Dinitro-2-methylph...	10.610	198	220183	42.757	ng	94
66) n-Nitrosodiphenylamine	10.669	169	1018568	42.949	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	386201	44.882	ng	98
68) Hexachlorobenzene	11.110	284	401004	44.289	ng	# 92
69) Atrazine	11.192	200	281000	37.953	ng	98
70) Pentachlorophenol	11.304	266	196287	36.437	ng	98
71) Phenanthrene	11.527	178	1609342	40.837	ng	99
72) Anthracene	11.574	178	1627362	40.101	ng	100
73) Carbazole	11.733	167	1369718	37.435	ng	99
74) Di-n-butylphthalate	12.045	149	1809551	42.162	ng	100
75) Fluoranthene	12.716	202	1795697	41.681	ng	99
77) Benzidine	12.863	184	93466	7.706	ng	97
78) Pyrene	12.951	202	1784674	39.398	ng	100
80) Butylbenzylphthalate	13.551	149	774016	43.300	ng	99
81) Benzo(a)anthracene	14.139	228	1485123	39.838	ng	100
82) 3,3'-Dichlorobenzidine	14.098	252	376941	34.296	ng	99
83) Chrysene	14.180	228	1374631	39.432	ng	99
84) Bis(2-ethylhexyl)phtha...	14.104	149	993917	45.261	ng	99
85) Di-n-octyl phthalate	14.727	149	1500202	46.751	ng	100
87) Indeno(1,2,3-cd)pyrene	17.251	276	1063939	44.697	ng	97
88) Benzo(b)fluoranthene	15.221	252	1212655	49.811	ng	99
89) Benzo(k)fluoranthene	15.257	252	1093711	45.904	ng	98
90) Benzo(a)pyrene	15.615	252	940411	41.274	ng	99
91) Dibenzo(a,h)anthracene	17.262	278	870173	44.868	ng	98
92) Benzo(g,h,i)perylene	17.733	276	923178	45.708	ng	96

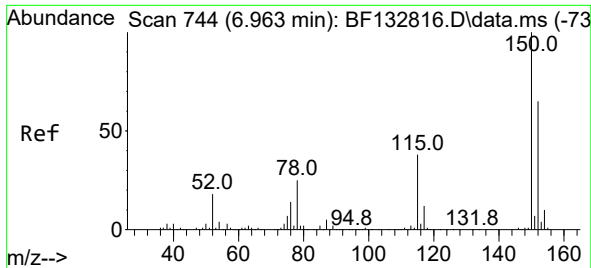
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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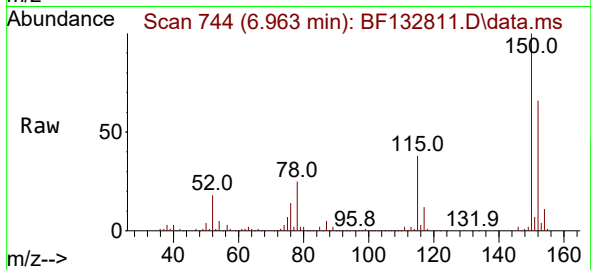
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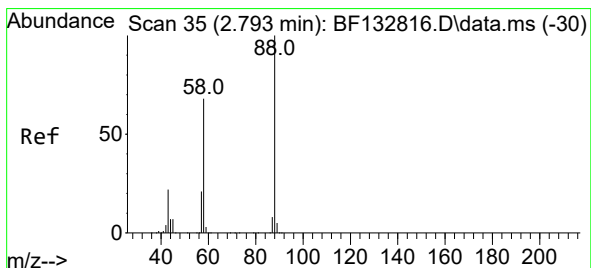
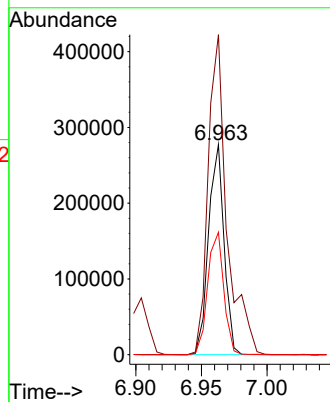
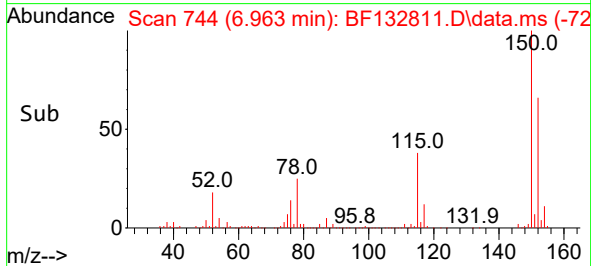


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :

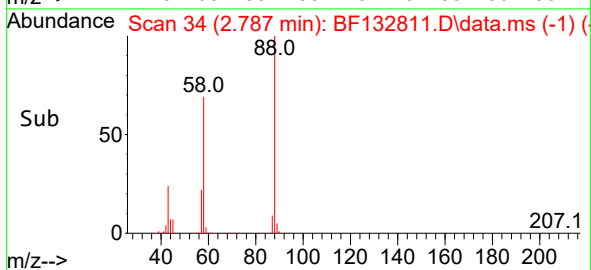
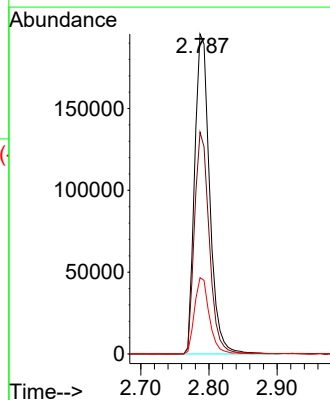
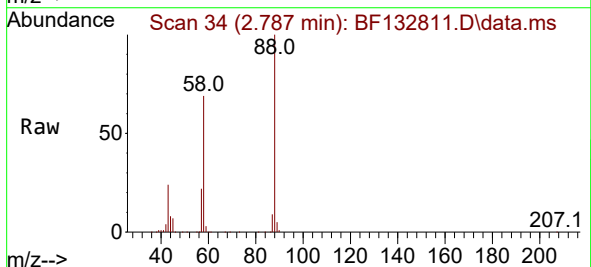


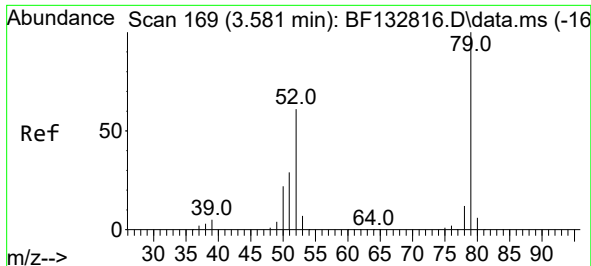
Tgt Ion:152 Resp: 229070
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.7 184.1
 115 58.2 46.2 69.4



#2
 1,4-Dioxane
 Concen: 38.047 ng
 RT: 2.787 min Scan# 34
 Delta R.T. -0.006 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion: 88 Resp: 297051
 Ion Ratio Lower Upper
 88 100
 58 68.4 53.8 80.8
 43 23.7 18.2 27.4

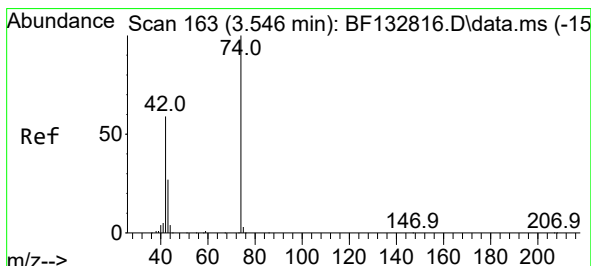
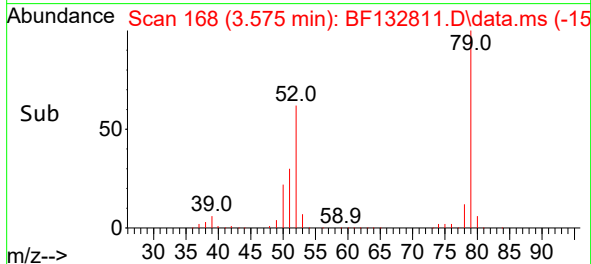
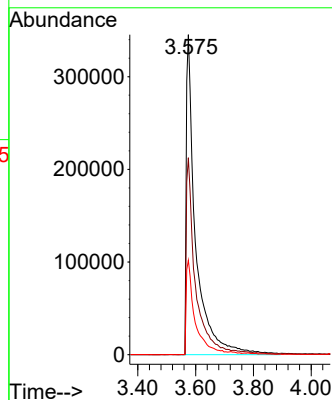
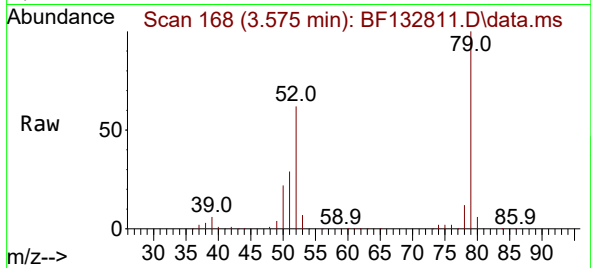




#3
Pyridine
Concen: 37.706 ng
RT: 3.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

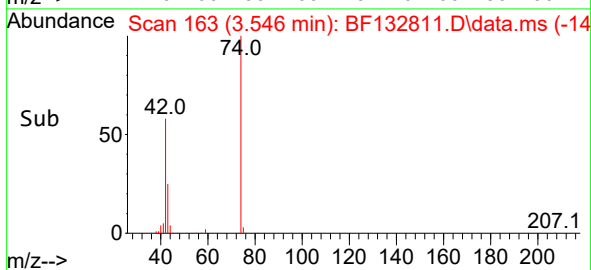
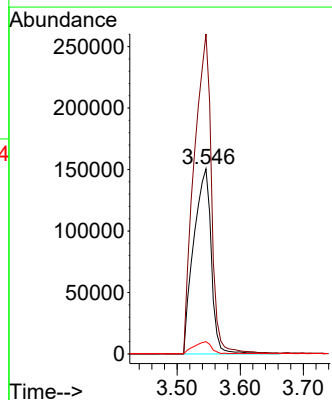
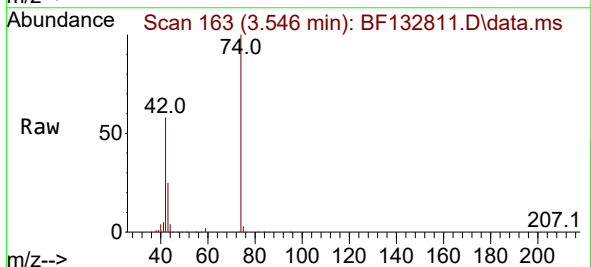
Instrument :
BNA_F
ClientSampleId :

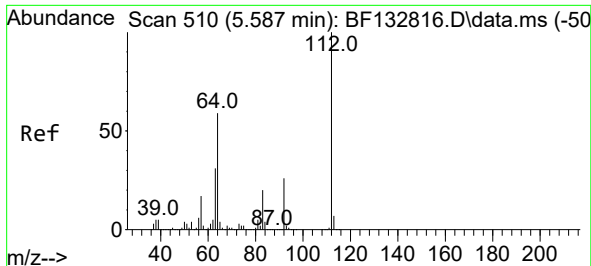
Tgt Ion: 79 Resp: 781425
Ion Ratio Lower Upper
79 100
52 61.6 48.5 72.7
51 29.5 23.1 34.7



#4
n-Nitrosodimethylamine
Concen: 37.201 ng
RT: 3.546 min Scan# 163
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion: 42 Resp: 291212
Ion Ratio Lower Upper
42 100
74 172.9 135.2 202.8
44 6.7 6.0 9.0

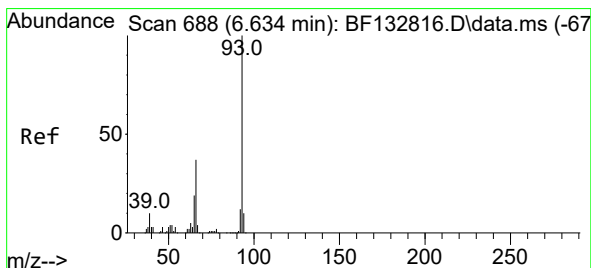
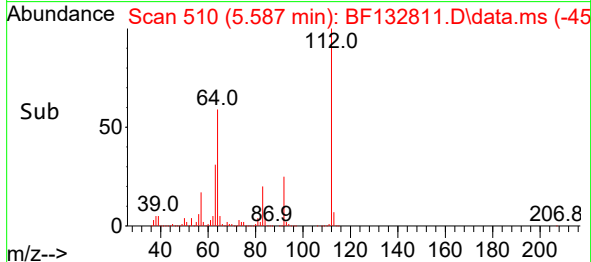
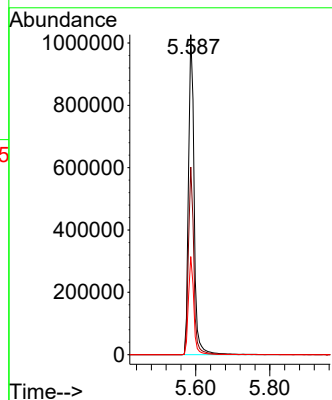
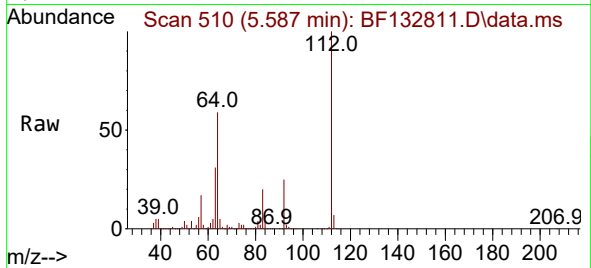




#5
2-Fluorophenol
Concen: 76.702 ng
RT: 5.587 min Scan# 510
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

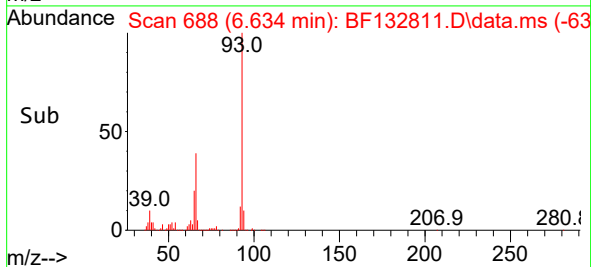
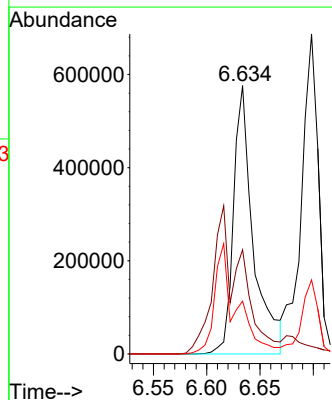
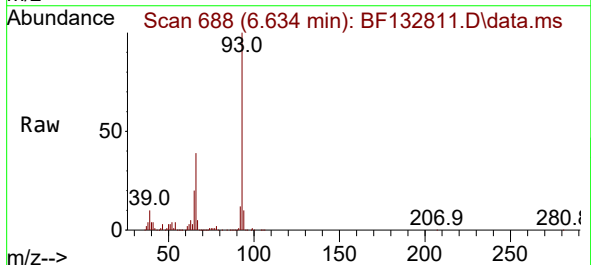
Instrument :
BNA_F
ClientSampleId :

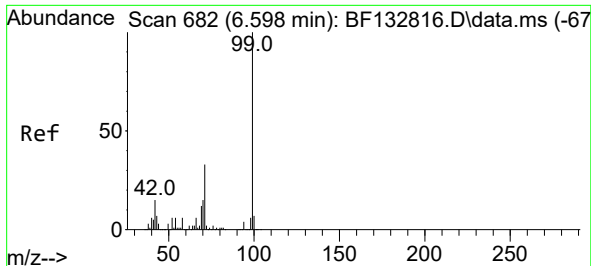
Tgt Ion:112 Resp: 1082591
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 30.6 24.4 36.6



#6
Aniline
Concen: 30.113 ng
RT: 6.634 min Scan# 688
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

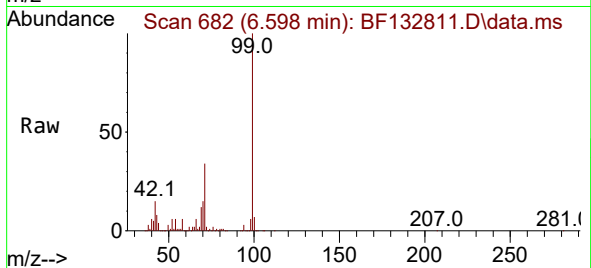
Tgt Ion: 93 Resp: 746470
Ion Ratio Lower Upper
93 100
66 38.8 30.1 45.1
65 19.7 15.0 22.6





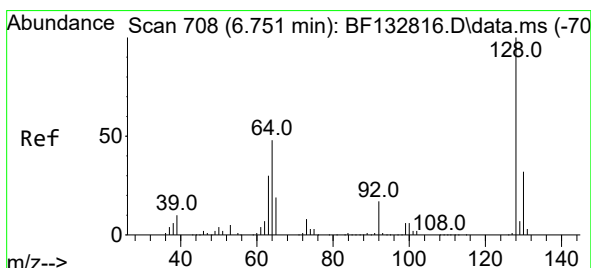
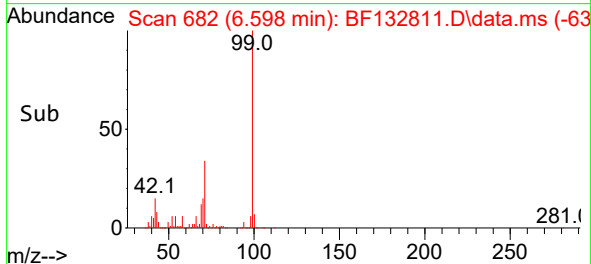
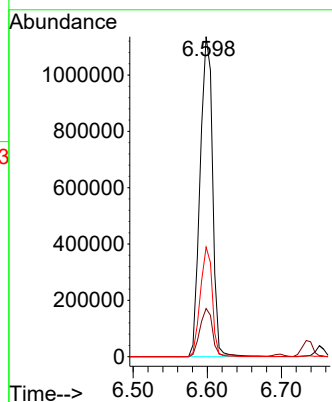
#7
Phenol-d6
Concen: 71.709 ng
RT: 6.598 min Scan# 682
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1320913

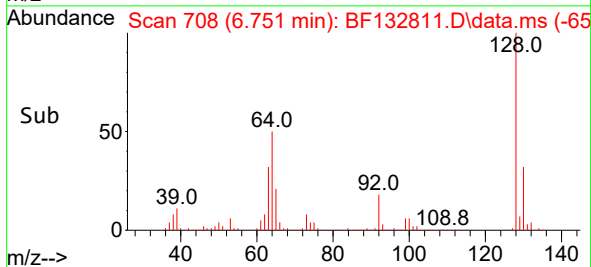
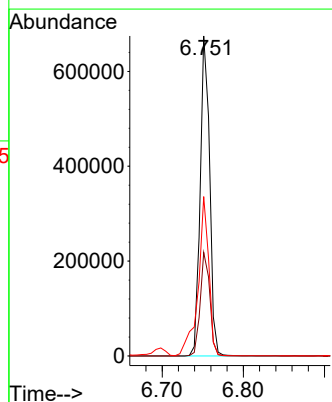
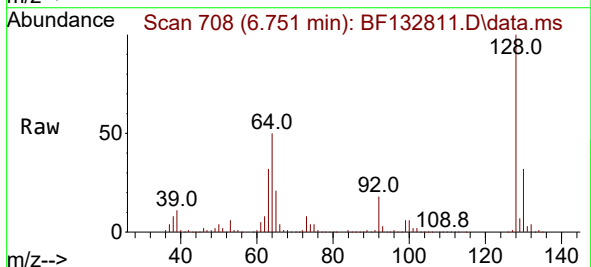
Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.9	17.9
71	34.2	26.3	39.5

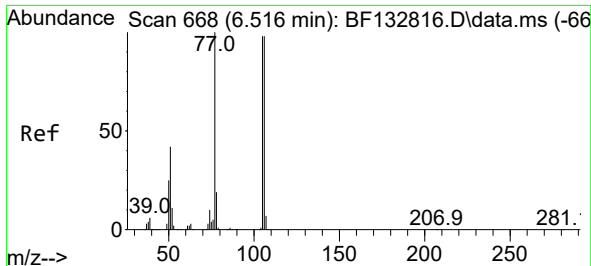


#8
2-Chlorophenol
Concen: 37.336 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:128 Resp: 546921

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.4	52.4
64	49.8	28.4	68.4

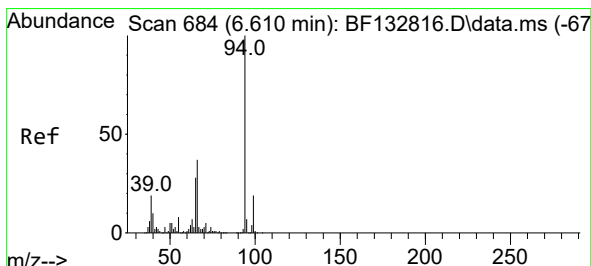
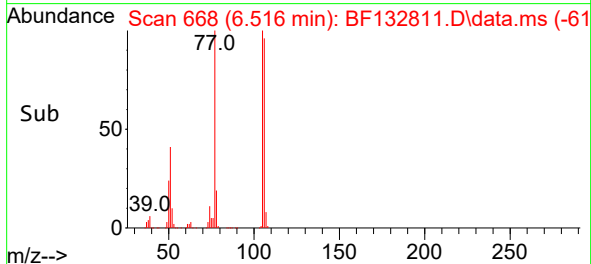
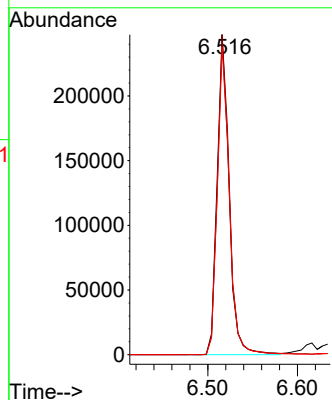
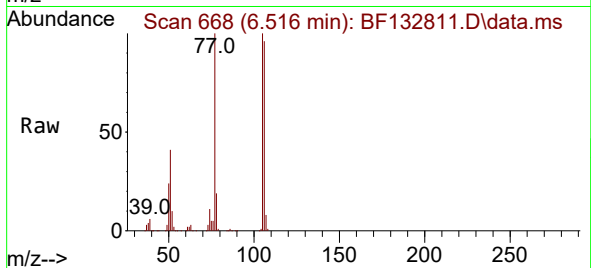




#9
Benzaldehyde
Concen: 22.976 ng
RT: 6.516 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132811.D
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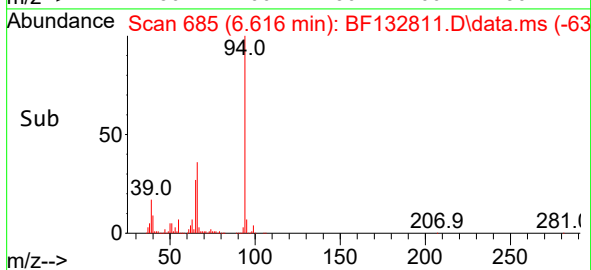
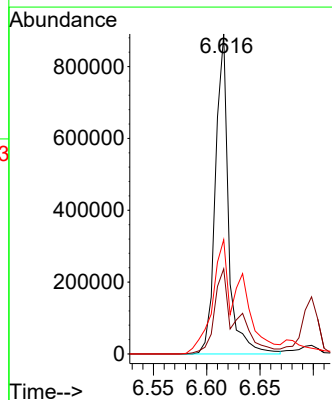
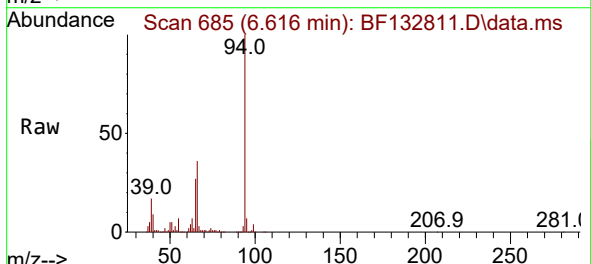
Instrument :
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ClientSampleId :

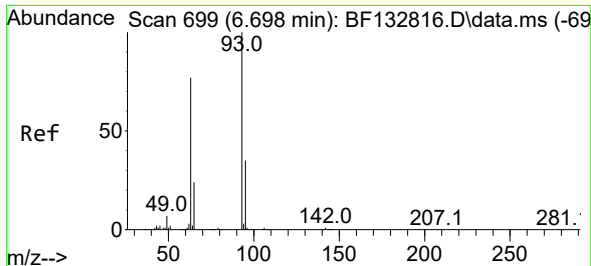
Tgt Ion: 77 Resp: 228374
Ion Ratio Lower Upper
77 100
105 100.0 77.5 117.5
106 96.2 78.5 118.5



#10
Phenol
Concen: 35.923 ng
RT: 6.616 min Scan# 685
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion: 94 Resp: 758639
Ion Ratio Lower Upper
94 100
65 26.6 7.7 47.7
66 35.7 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 46.094 ng

RT: 6.698 min Scan# 699

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

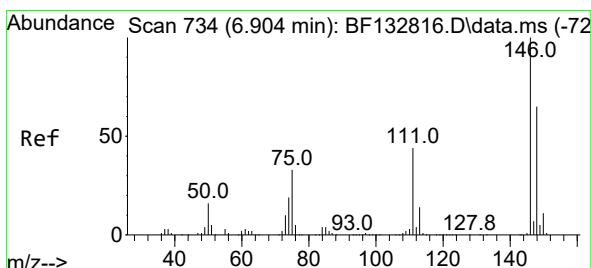
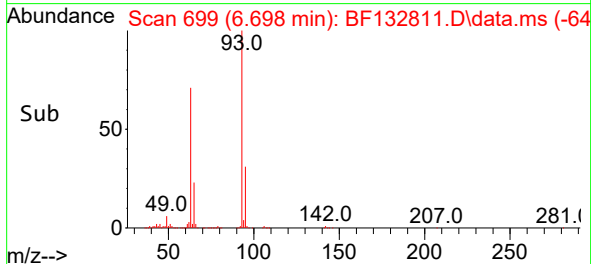
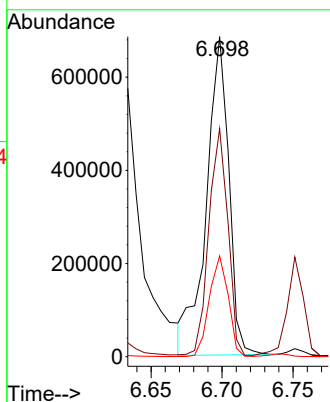
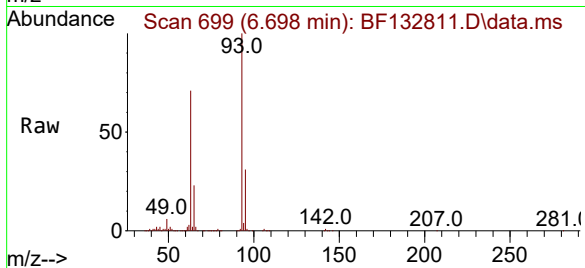
Tgt Ion: 93 Resp: 751473

Ion Ratio Lower Upper

93 100

63 71.3 50.5 90.5

95 31.5 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.934 ng

RT: 6.904 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

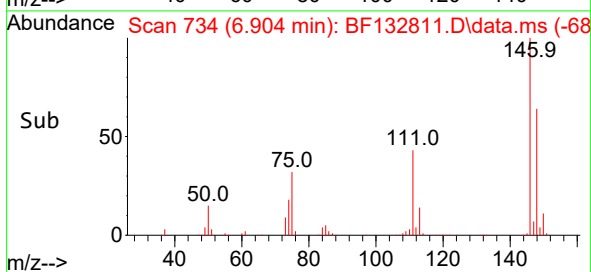
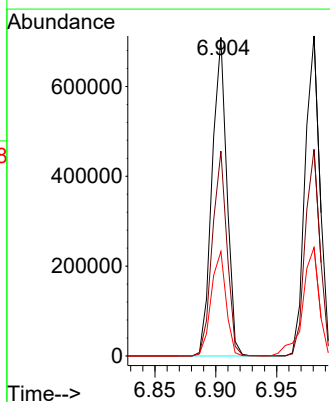
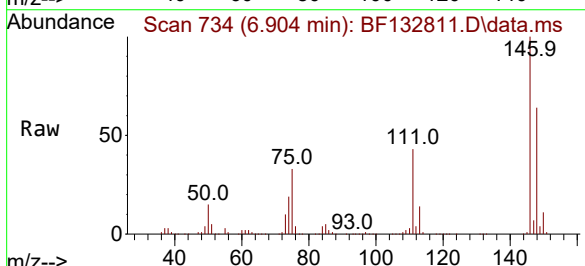
Tgt Ion:146 Resp: 596326

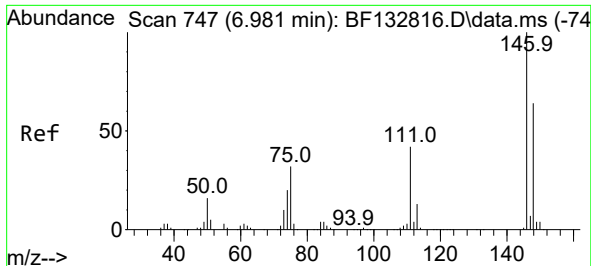
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

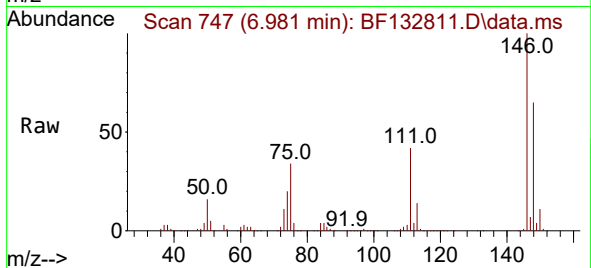
75 32.8 26.4 39.6



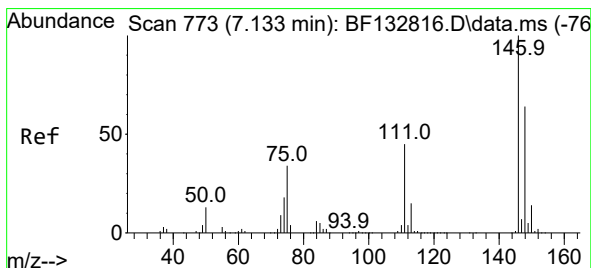
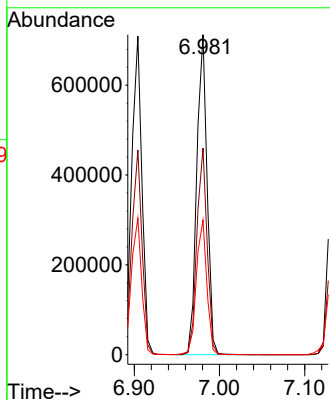
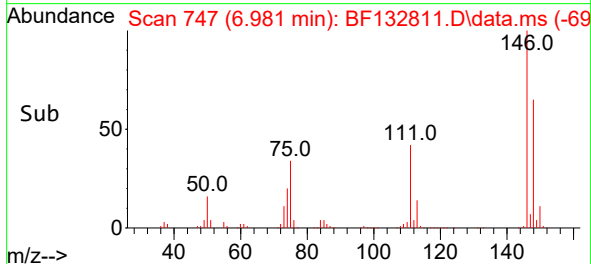


#13
1,4-Dichlorobenzene
Concen: 38.360 ng
RT: 6.981 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

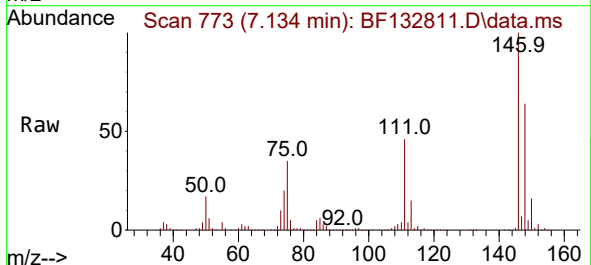
Instrument :
BNA_F
ClientSampleId :



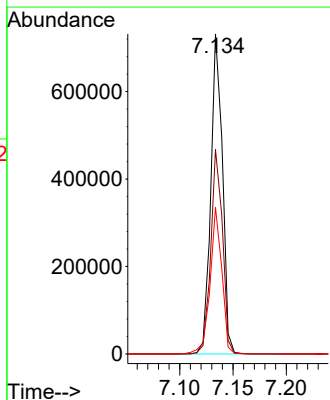
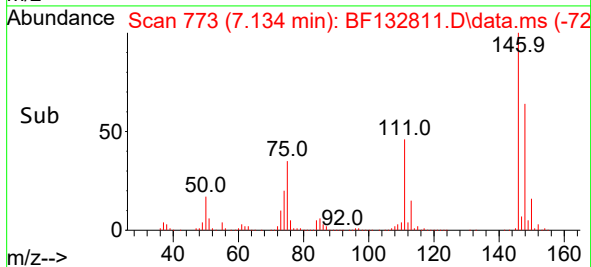
Tgt Ion:146 Resp: 602132
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 42.1 33.8 50.6

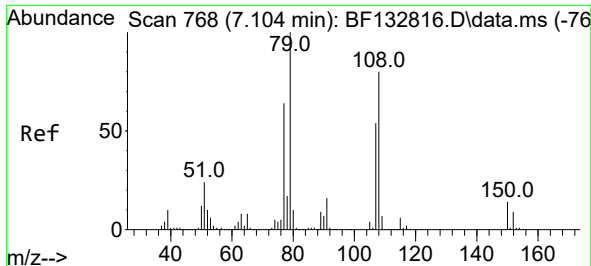


#14
1,2-Dichlorobenzene
Concen: 36.766 ng
RT: 7.134 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30



Tgt Ion:146 Resp: 553850
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 45.8 35.8 53.8

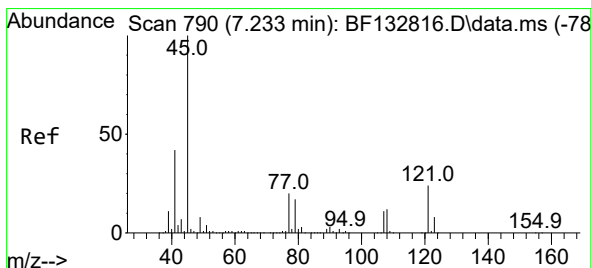
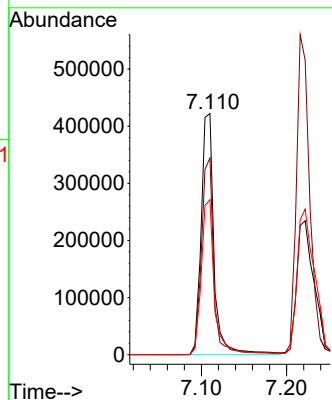
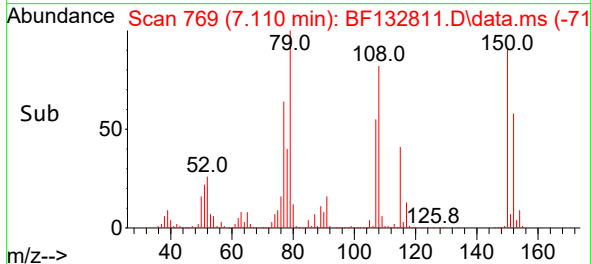
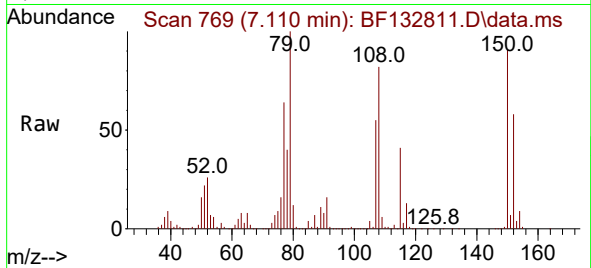




#15
Benzyl Alcohol
Concen: 31.113 ng
RT: 7.110 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

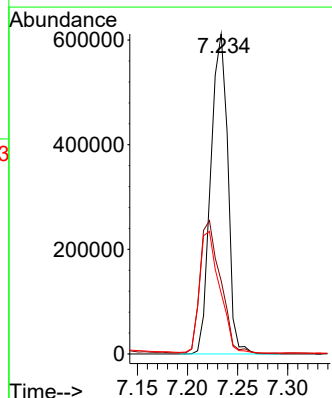
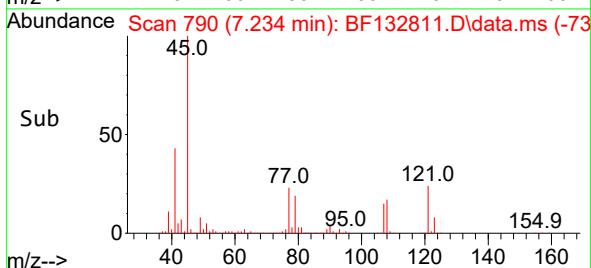
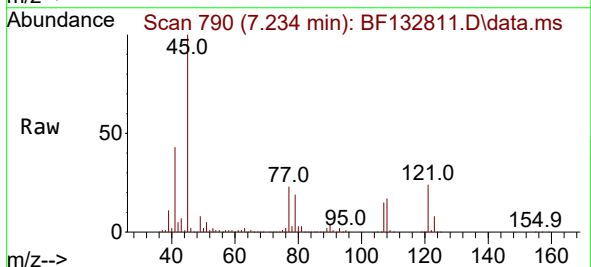
Instrument :
BNA_F
ClientSampleId :

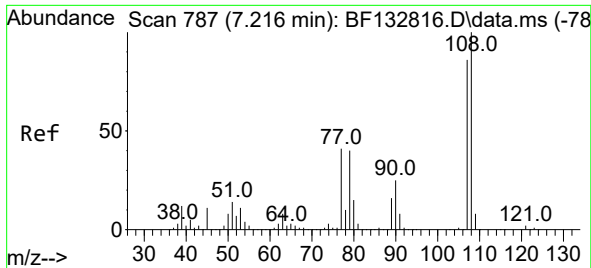
Tgt Ion: 79 Resp: 441380
Ion Ratio Lower Upper
79 100
108 81.5 64.2 96.2
77 64.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.873 ng
RT: 7.234 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

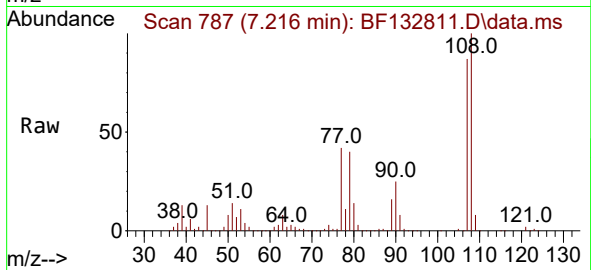
Tgt Ion: 45 Resp: 725007
Ion Ratio Lower Upper
45 100
77 22.9 0.7 40.7
79 19.0 0.0 37.2



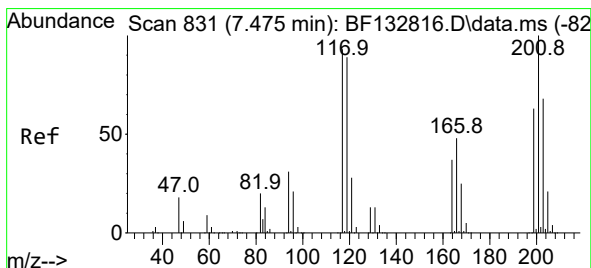
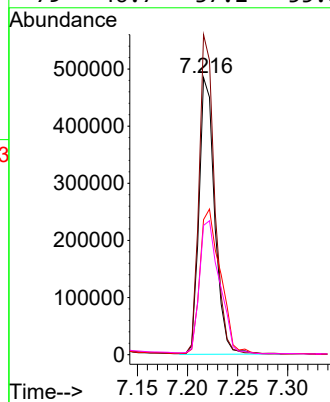
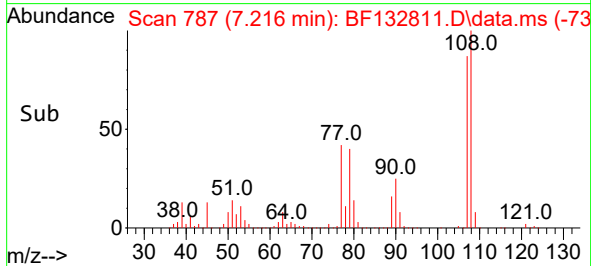


#17
2-Methylphenol
Concen: 38.599 ng
RT: 7.216 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

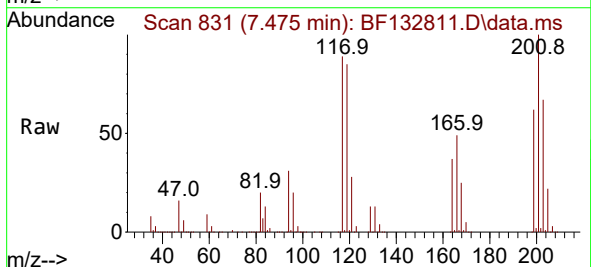
Instrument :
BNA_F
ClientSampleId :



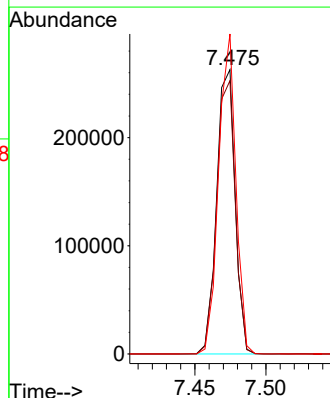
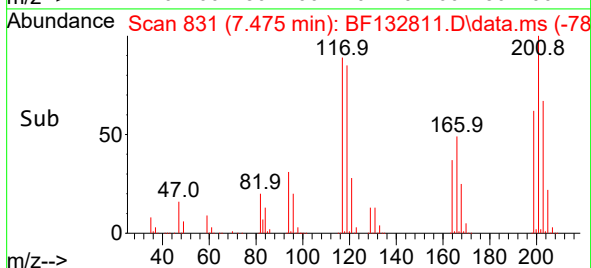
Tgt Ion:107 Resp: 527698
Ion Ratio Lower Upper
107 100
108 115.6 92.6 139.0
77 48.8 38.6 57.8
79 46.7 37.2 55.8

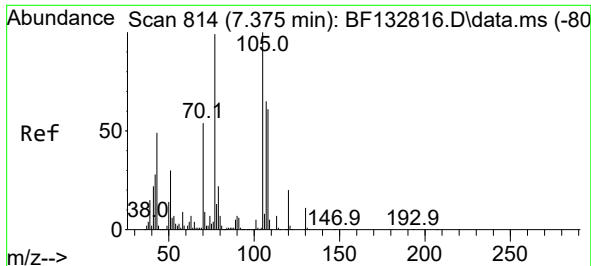


#18
Hexachloroethane
Concen: 38.823 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30



Tgt Ion:117 Resp: 238077
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9
201 112.6 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 33.752 ng

RT: 7.381 min Scan# 814

Delta R.T. 0.006 min

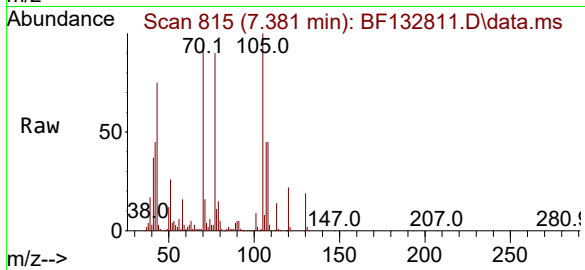
Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 382632

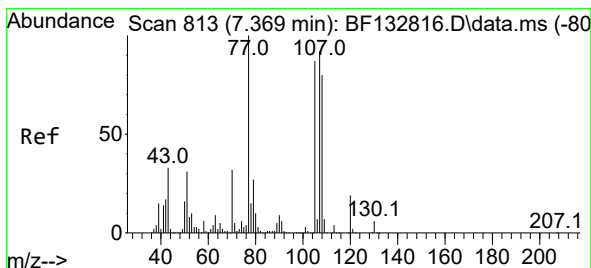
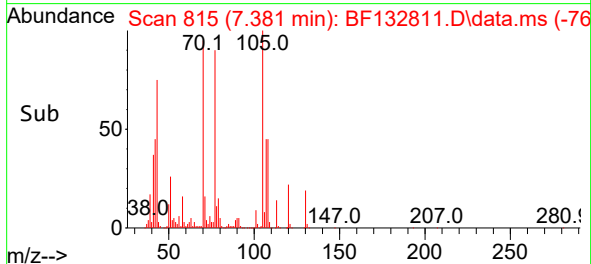
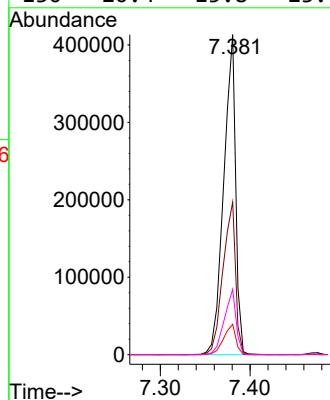
Ion Ratio Lower Upper

70 100

42 47.7 40.9 61.3

101 9.5 7.8 11.6

130 20.4 15.8 23.6



#20

3+4-Methylphenols

Concen: 32.394 ng

RT: 7.369 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Tgt Ion: 107 Resp: 572163

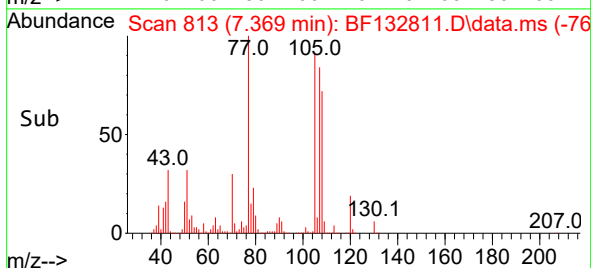
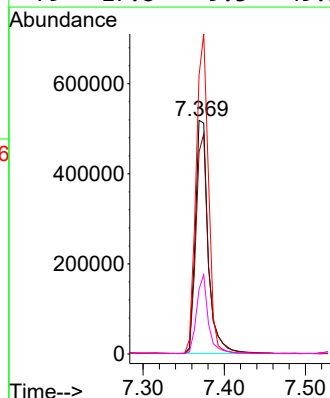
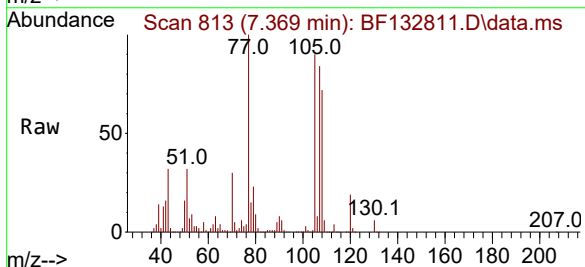
Ion Ratio Lower Upper

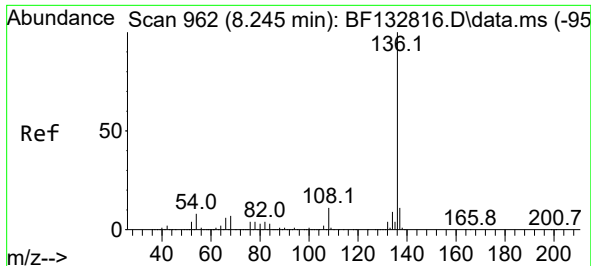
107 100

108 86.5 67.6 107.6

77 119.4 89.1 129.1

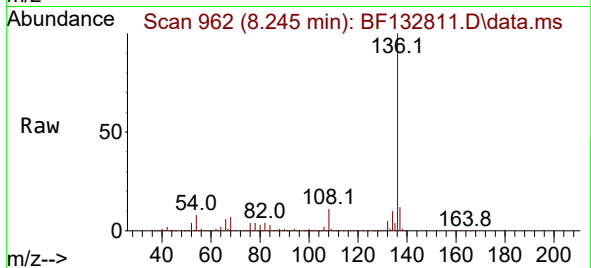
79 27.8 9.3 49.3



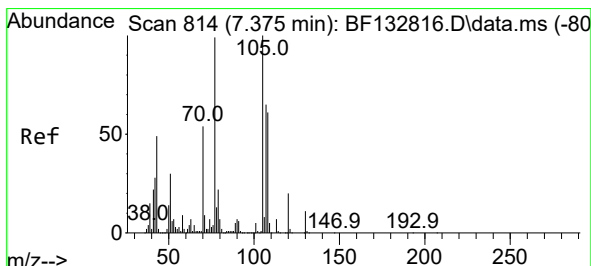
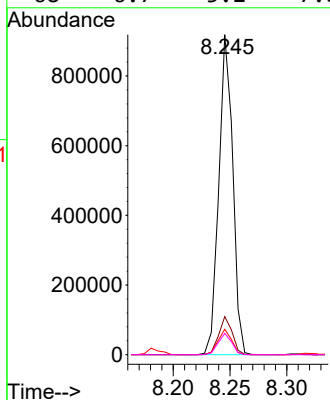
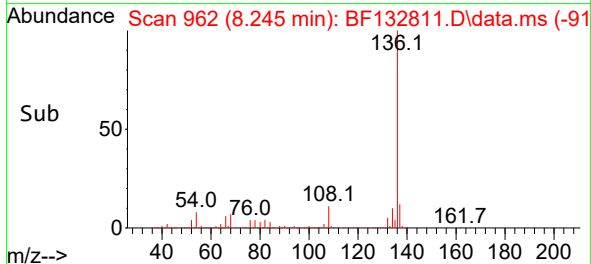


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Instrument :
BNA_F
ClientSampleId :

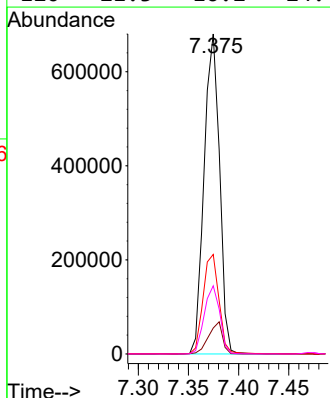
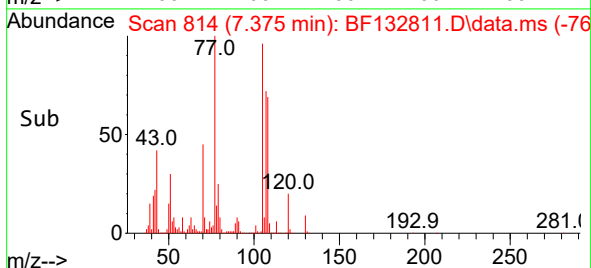
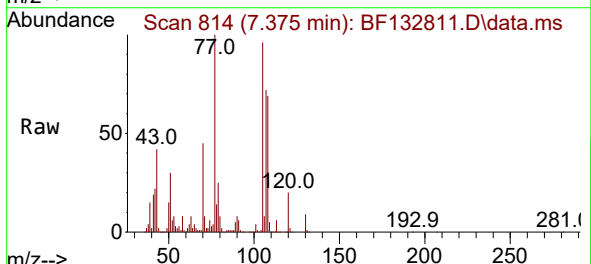


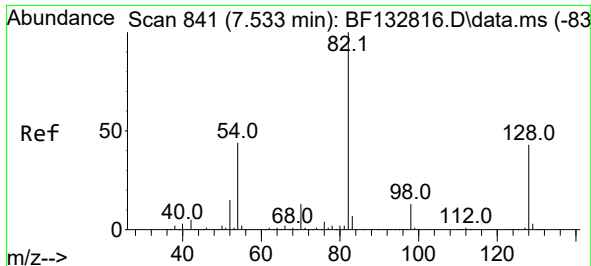
Tgt Ion:136 Resp: 785965
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 8.0 6.1 9.1
68 6.7 5.2 7.8



#22
Acetophenone
Concen: 36.849 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:105 Resp: 730303
Ion Ratio Lower Upper
105 100
71 8.1 7.3 10.9
51 31.1 23.9 35.9
120 21.3 16.2 24.4





#23

Nitrobenzene-d5

Concen: 75.776 ng

RT: 7.534 min Scan# 841

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

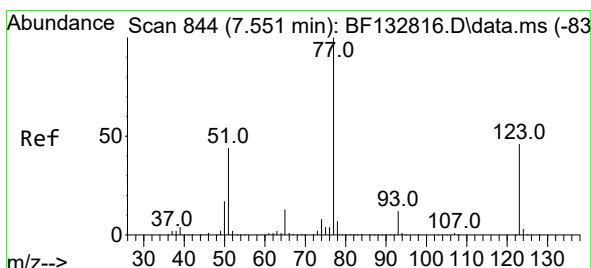
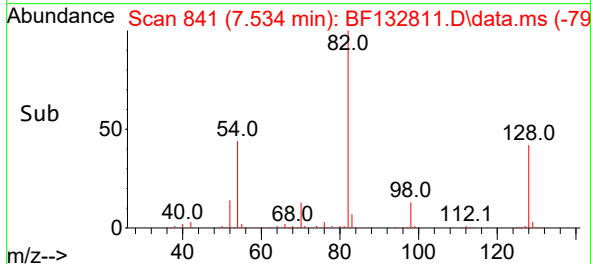
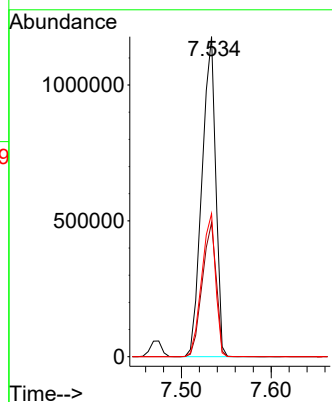
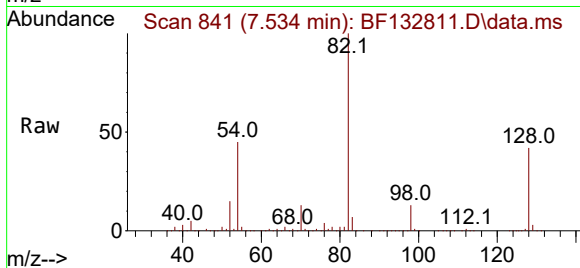
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1255314

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.4	51.6
54	44.7	35.2	52.8



#24

Nitrobenzene

Concen: 38.868 ng

RT: 7.551 min Scan# 844

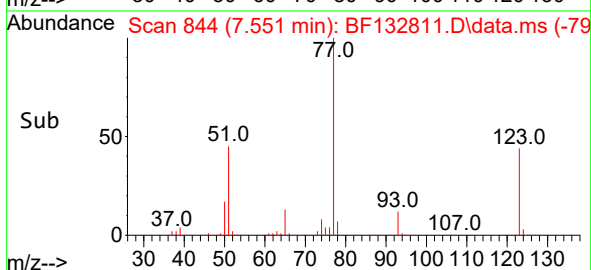
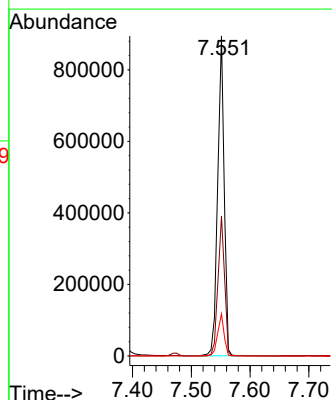
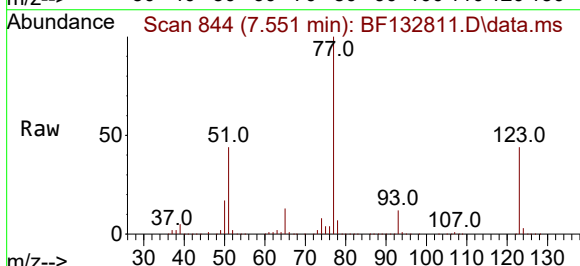
Delta R.T. 0.000 min

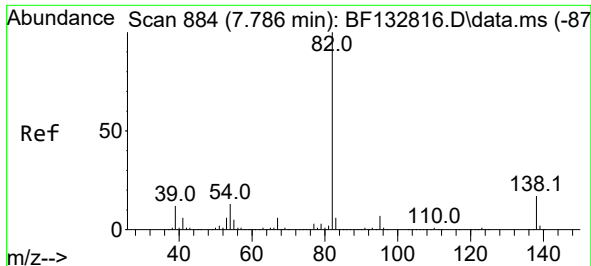
Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Tgt Ion: 77 Resp: 688634

Ion	Ratio	Lower	Upper
77	100		
123	43.7	36.4	54.6
65	13.2	10.3	15.5

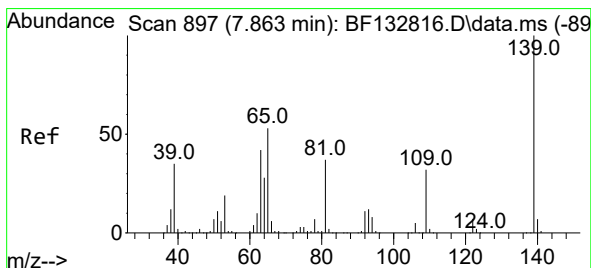
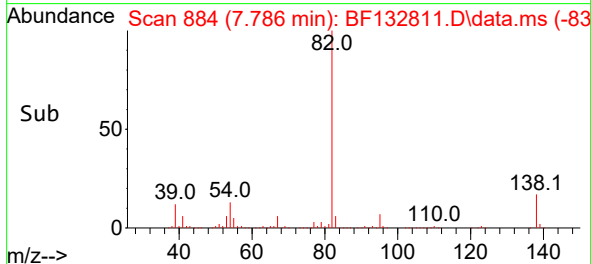
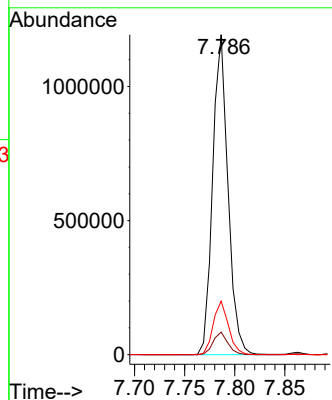
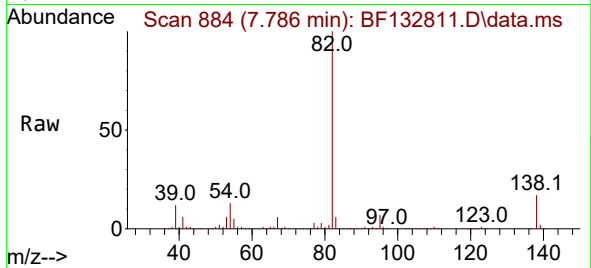




#25
Isophorone
Concen: 39.931 ng
RT: 7.786 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

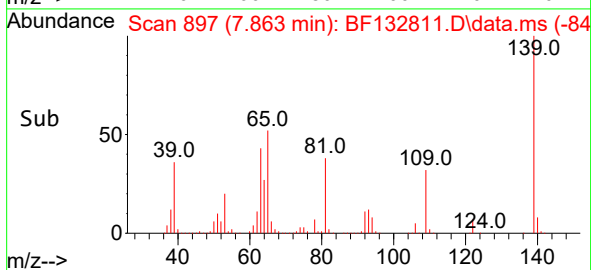
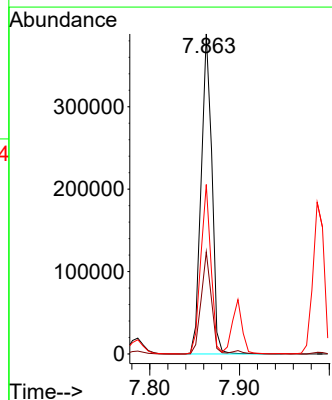
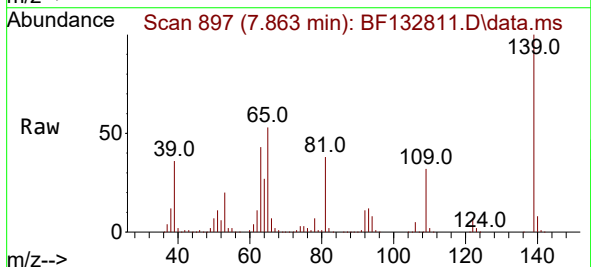
Instrument :
BNA_F
ClientSampleId :

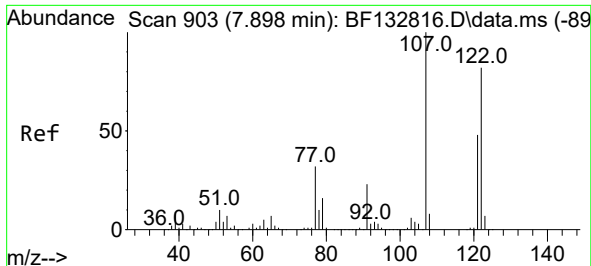
Tgt Ion: 82 Resp: 1268237
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 41.191 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

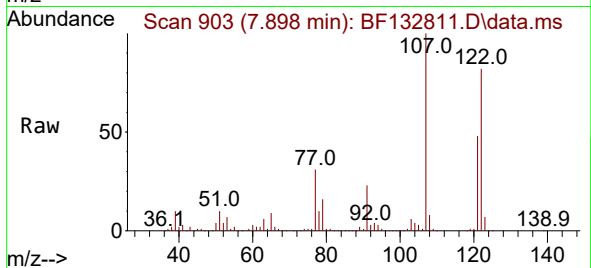
Tgt Ion:139 Resp: 321992
Ion Ratio Lower Upper
139 100
109 31.9 25.8 38.8
65 53.0 42.7 64.1



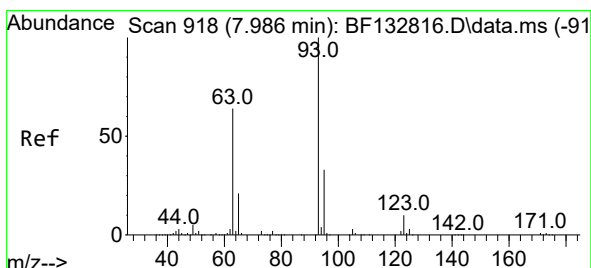
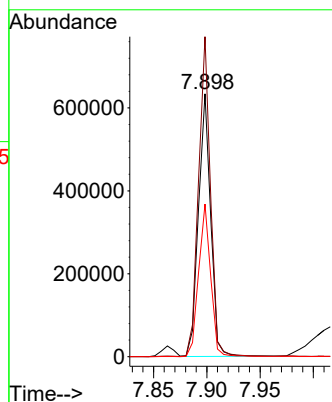
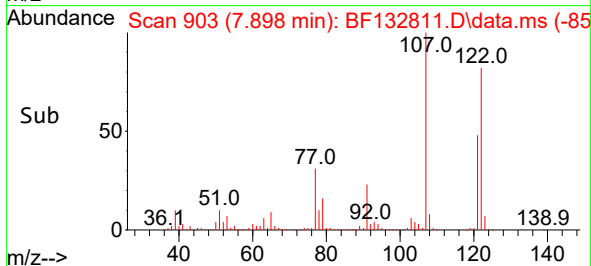


#27
2,4-Dimethylphenol
Concen: 41.037 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

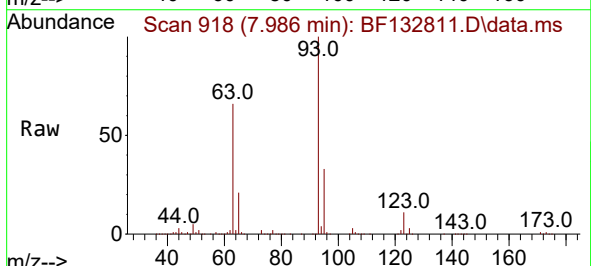
Instrument :
BNA_F
ClientSampleId :



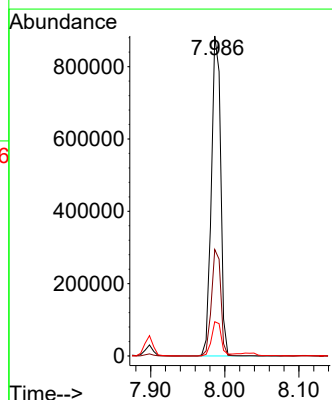
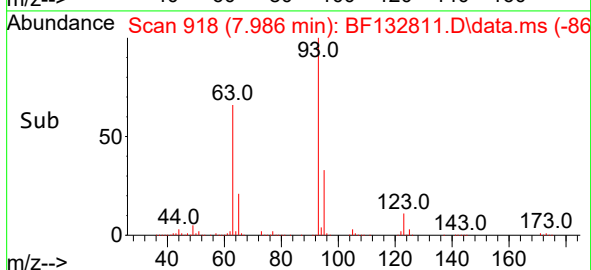
Tgt Ion:122 Resp: 506305
Ion Ratio Lower Upper
122 100
107 121.7 97.0 145.4
121 58.1 46.4 69.6

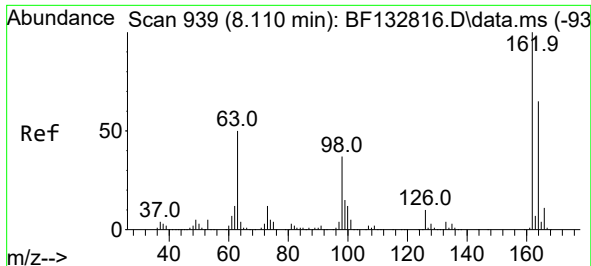


#28
bis(2-Chloroethoxy)methane
Concen: 41.623 ng
RT: 7.986 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30



Tgt Ion: 93 Resp: 773334
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 10.7 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 41.853 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

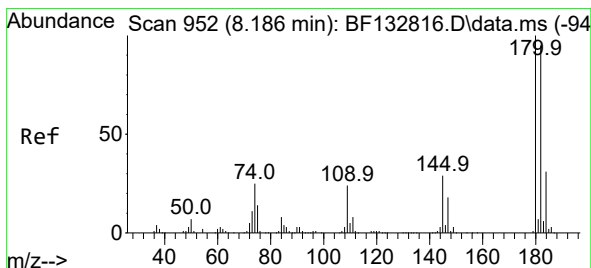
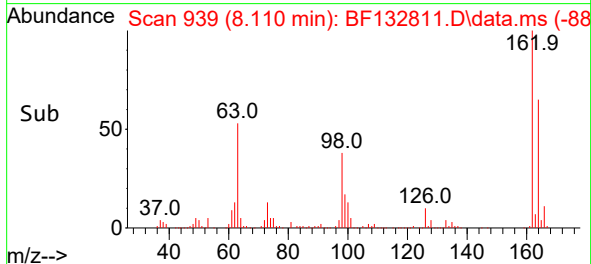
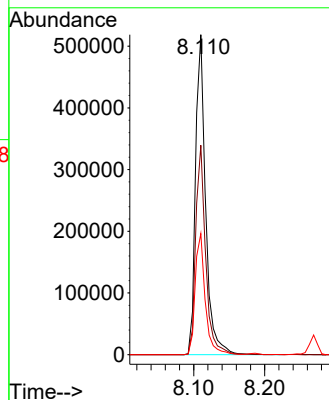
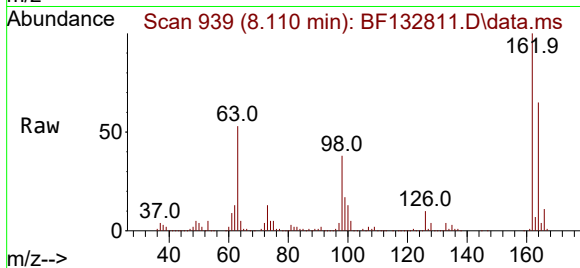
Tgt Ion:162 Resp: 513654

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

98 37.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 40.807 ng

RT: 8.186 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

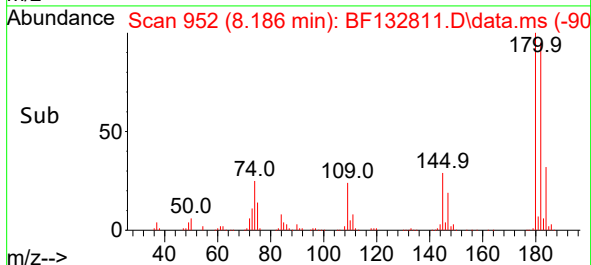
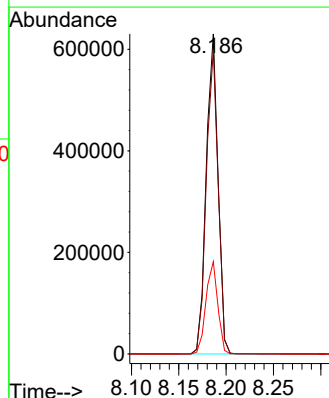
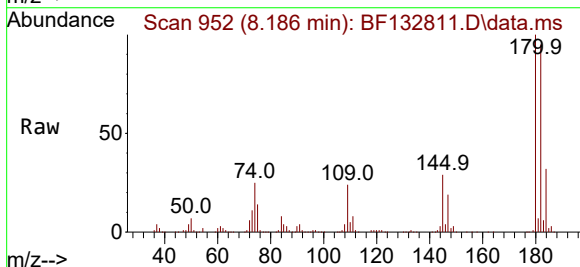
Tgt Ion:180 Resp: 543822

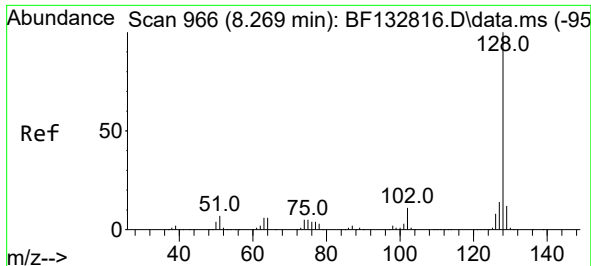
Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

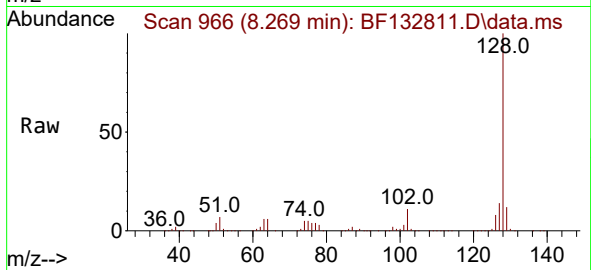
145 28.9 23.0 34.4



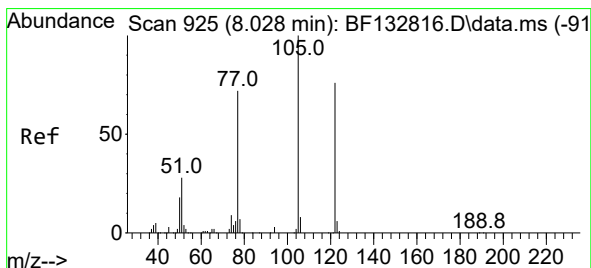
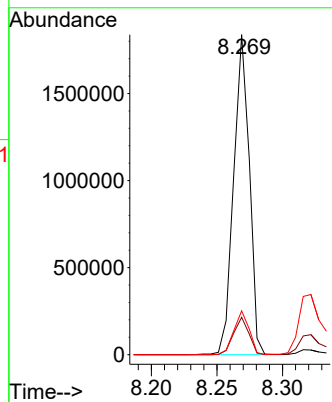
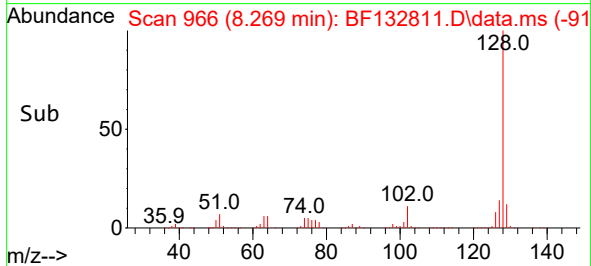


#31
Naphthalene
Concen: 38.005 ng
RT: 8.269 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Instrument :
BNA_F
ClientSampleId :

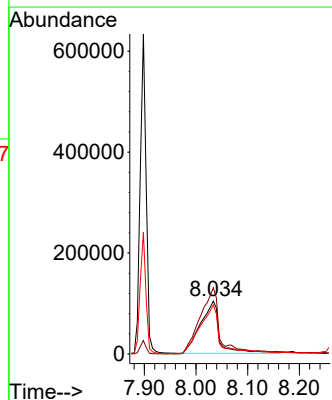
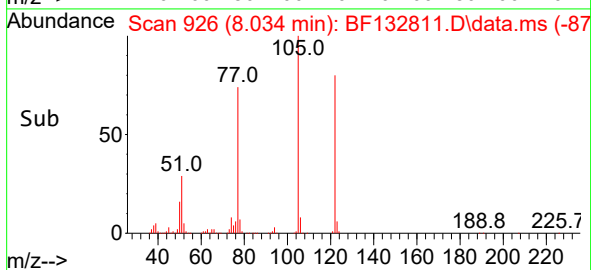
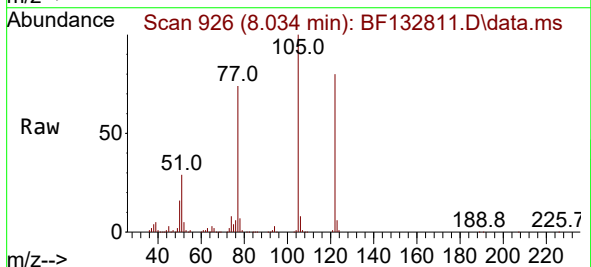


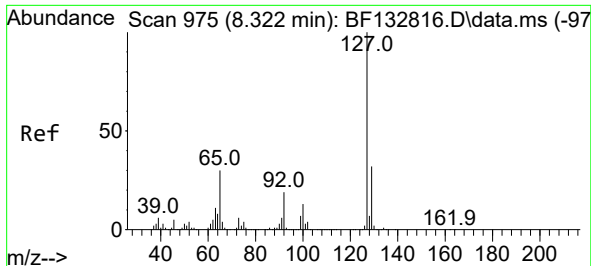
Tgt Ion:128 Resp: 1529172
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.2
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 30.157 ng
RT: 8.034 min Scan# 926
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

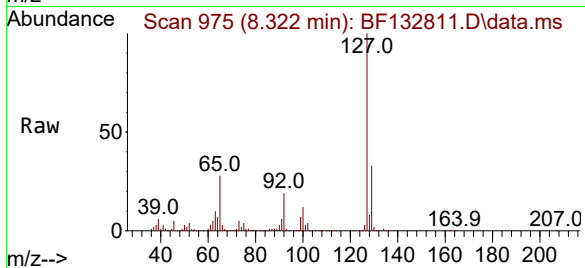
Tgt Ion:122 Resp: 269302
Ion Ratio Lower Upper
122 100
105 125.4 110.8 150.8
77 92.9 74.2 114.2



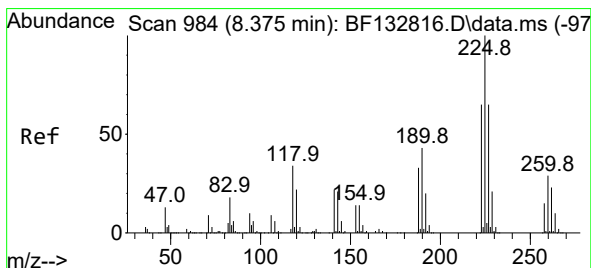
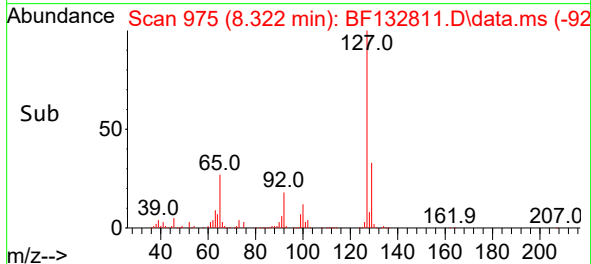
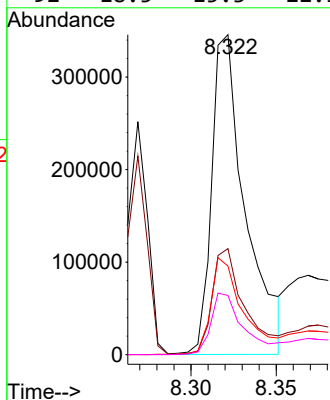


#33
4-Chloroaniline
Concen: 27.602 ng
RT: 8.322 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Instrument :
BNA_F
ClientSampleId :

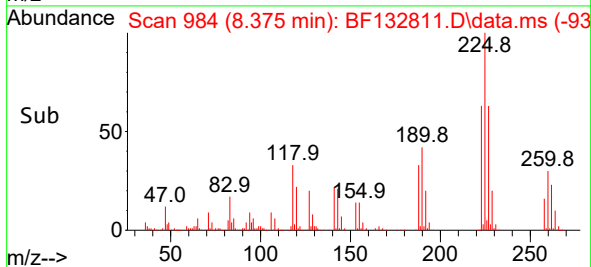
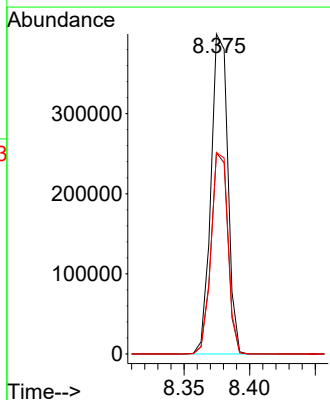
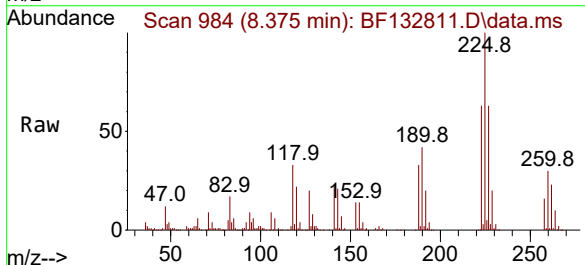


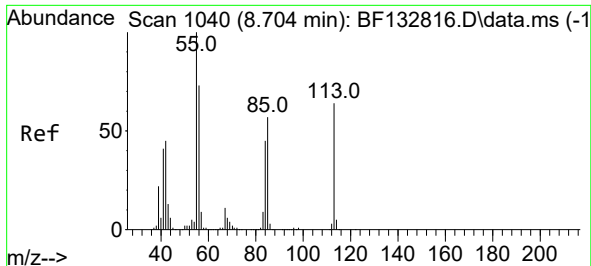
Tgt Ion:	127	Resp:	475926
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.6
65	27.7	24.1	36.1
92	18.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.216 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:	225	Resp:	357498
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.8	77.6
227	63.0	52.2	78.2

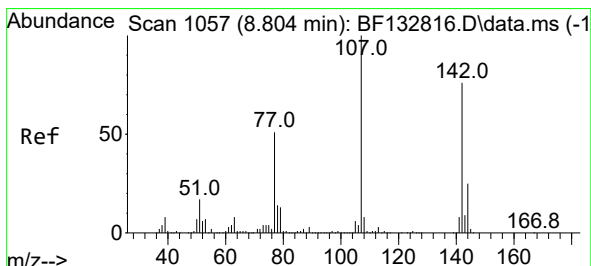
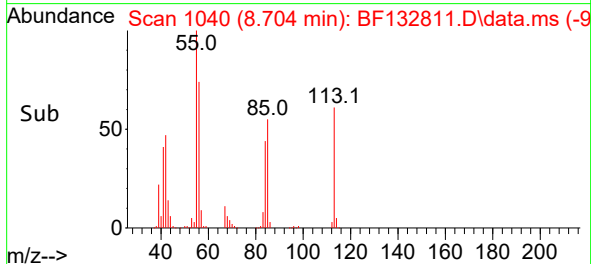
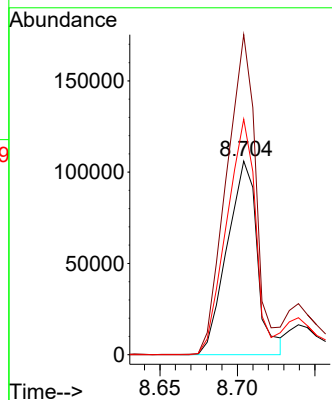
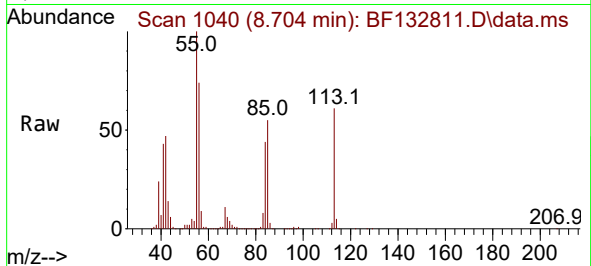




#35
 Caprolactam
 Concen: 35.496 ng
 RT: 8.704 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

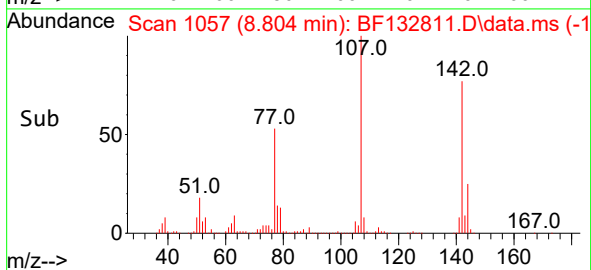
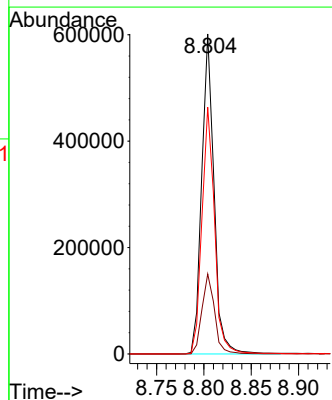
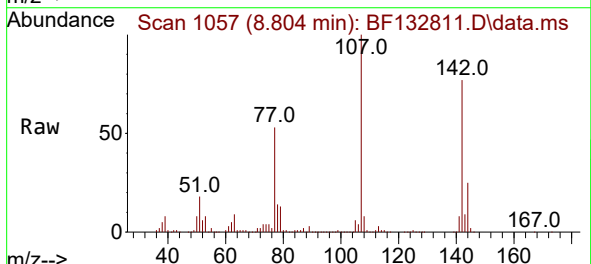
Instrument :
 BNA_F
 ClientSampleId :

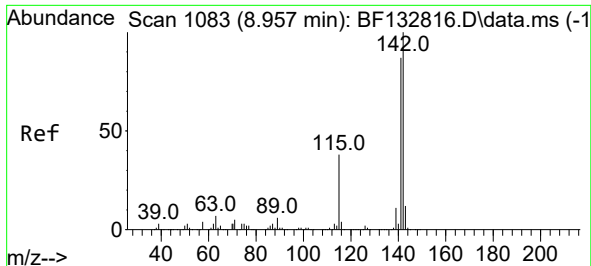
Tgt Ion:113 Resp: 143619
 Ion Ratio Lower Upper
 113 100
 55 165.2 136.3 176.3
 56 121.6 94.7 134.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.471 ng
 RT: 8.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion:107 Resp: 545472
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 77.1 61.1 91.7

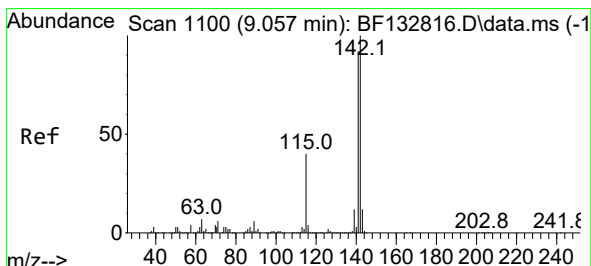
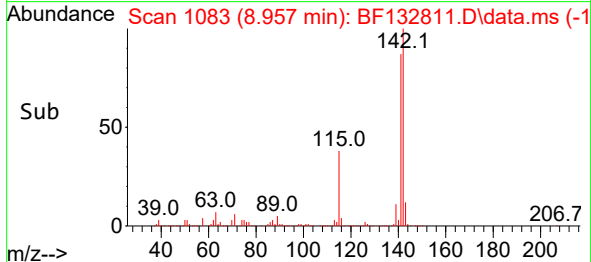
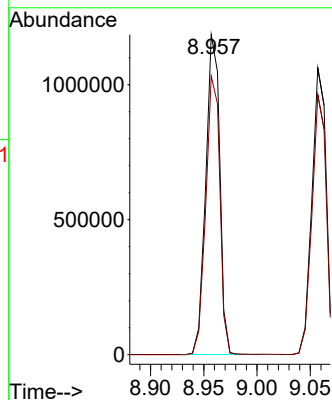
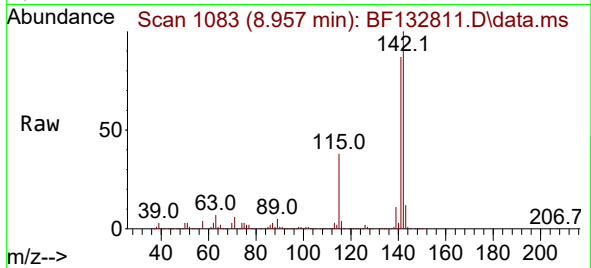




#37
2-Methylnaphthalene
Concen: 39.603 ng
RT: 8.957 min Scan# 1083
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

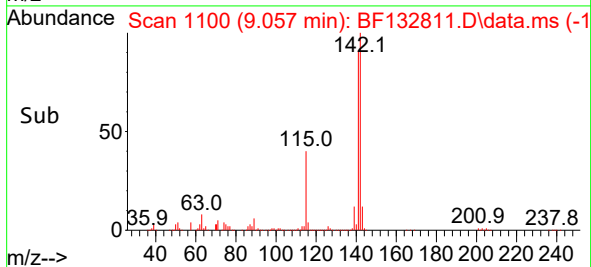
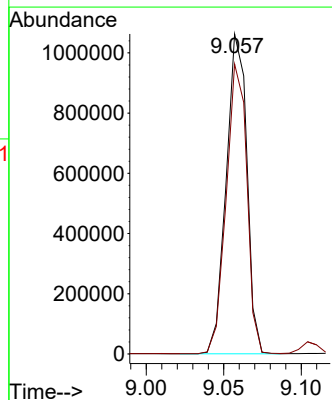
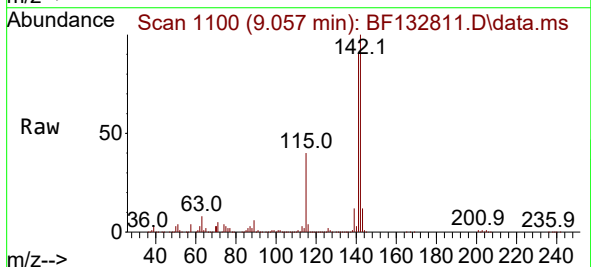
Instrument :
BNA_F
ClientSampleId :

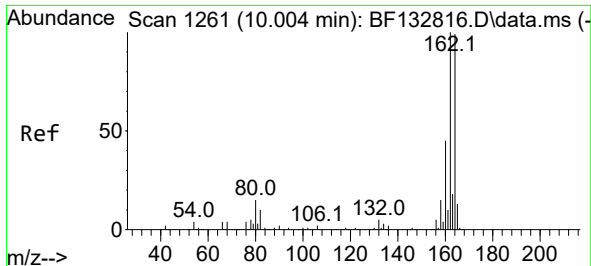
Tgt Ion:142 Resp: 1085952
Ion Ratio Lower Upper
142 100
141 87.0 69.3 103.9



#38
1-Methylnaphthalene
Concen: 38.392 ng
RT: 9.057 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

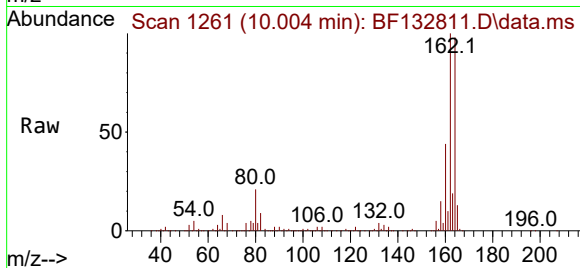
Tgt Ion:142 Resp: 983815
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9



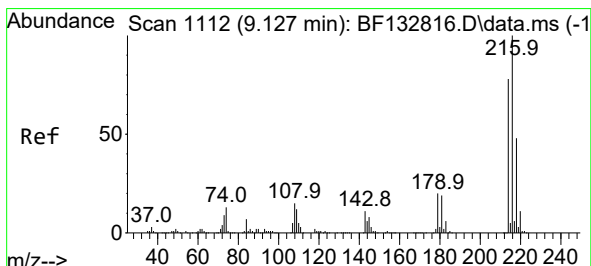
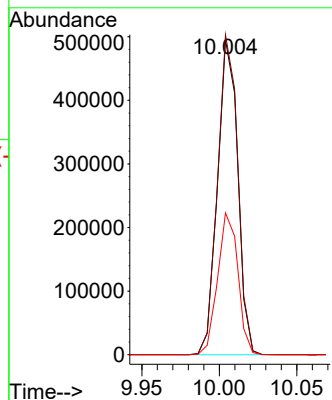
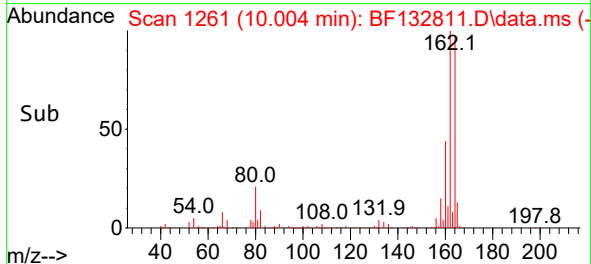


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11261
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

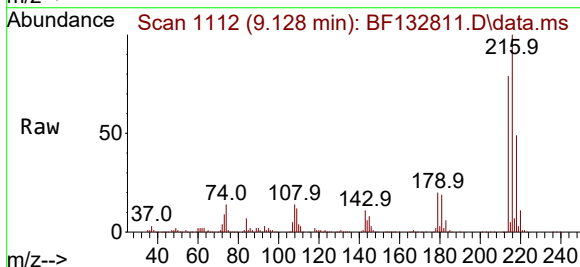
Instrument :
BNA_F
ClientSampleId :



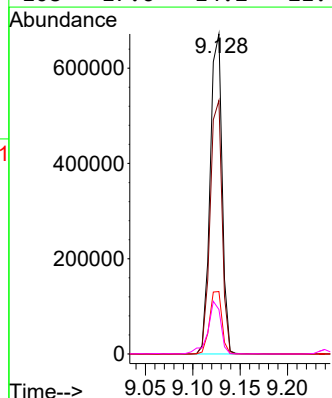
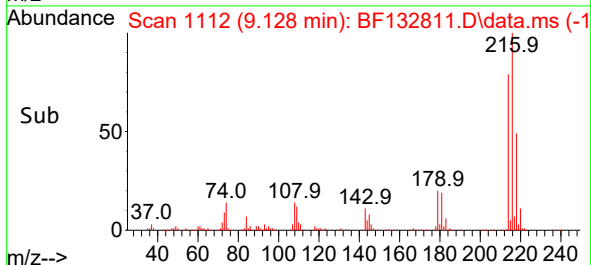
Tgt Ion:164 Resp: 448554
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 45.1 36.2 54.4

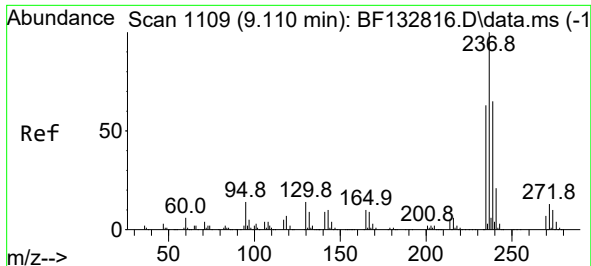


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.012 ng
RT: 9.128 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30



Tgt Ion:216 Resp: 587205
Ion Ratio Lower Upper
216 100
214 79.5 64.3 96.5
179 20.0 16.2 24.4
108 17.6 14.2 21.4

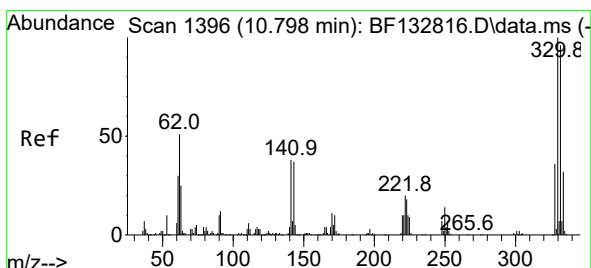
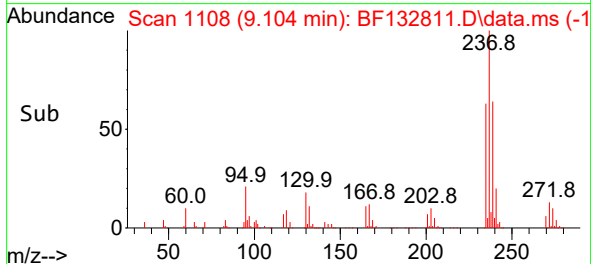
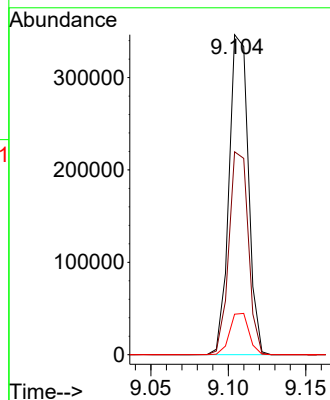
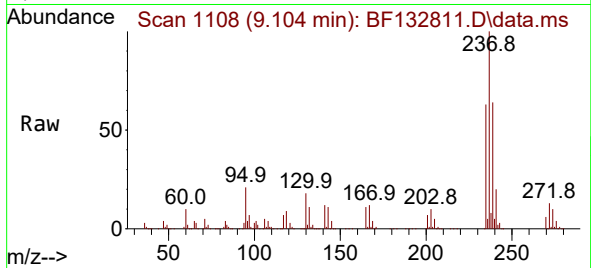




#41
Hexachlorocyclopentadiene
Concen: 37.746 ng
RT: 9.104 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

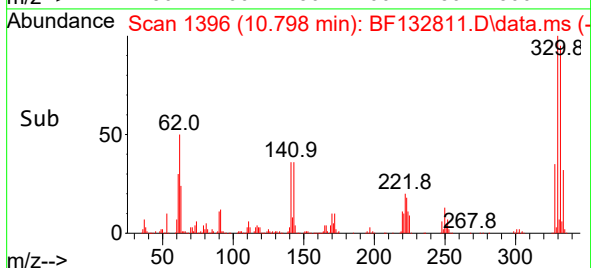
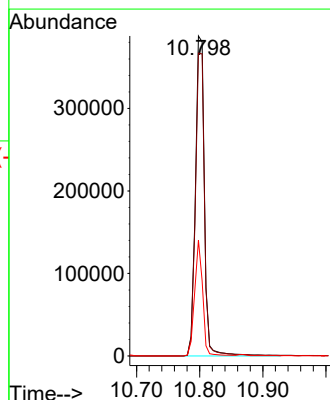
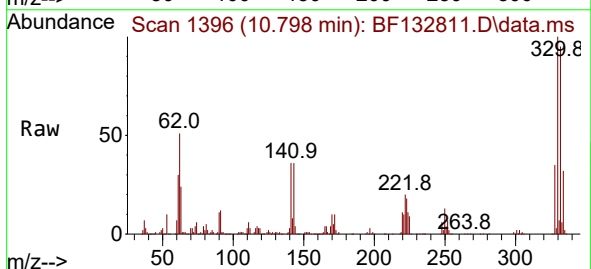
Instrument :
BNA_F
ClientSampleId :

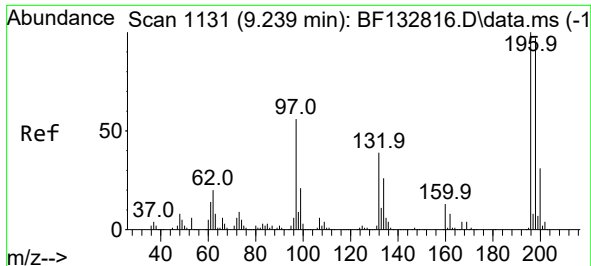
Tgt Ion:237 Resp: 300453
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.6 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 79.329 ng
RT: 10.798 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:330 Resp: 384287
Ion Ratio Lower Upper
330 100
332 94.8 77.0 115.6
141 32.3 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 39.325 ng

RT: 9.239 min Scan# 1131

Delta R.T. 0.000 min

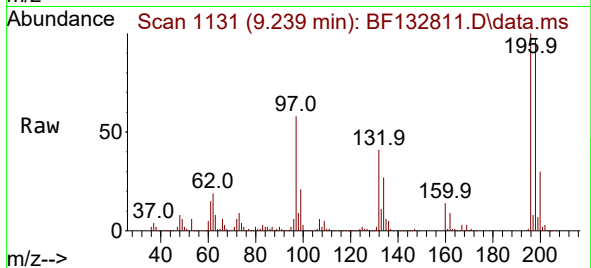
Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :



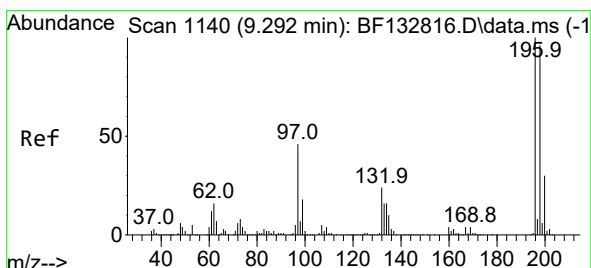
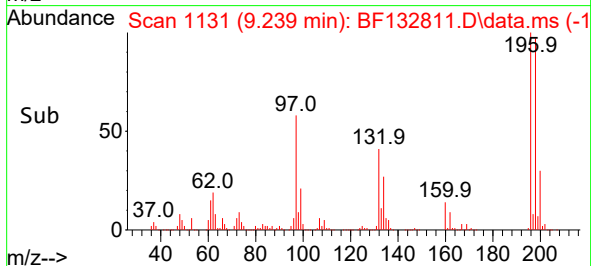
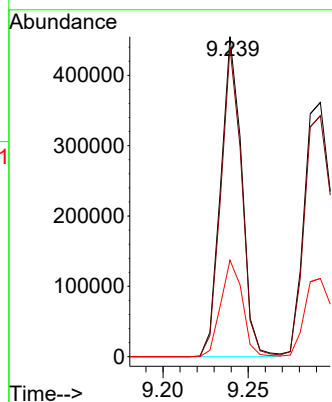
Tgt Ion:196 Resp: 391107

Ion Ratio Lower Upper

196 100

198 96.8 77.3 115.9

200 30.1 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 39.091 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Tgt Ion:196 Resp: 453768

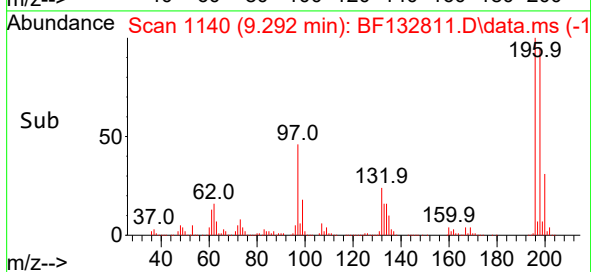
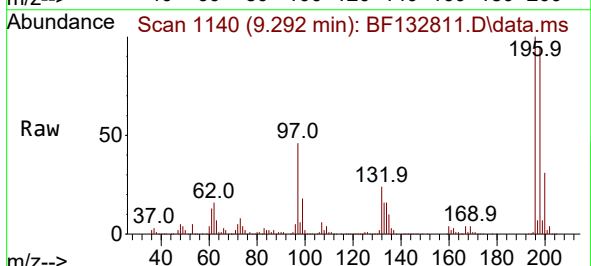
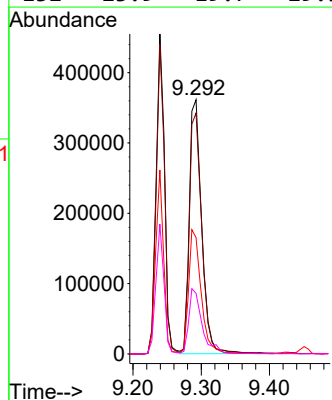
Ion Ratio Lower Upper

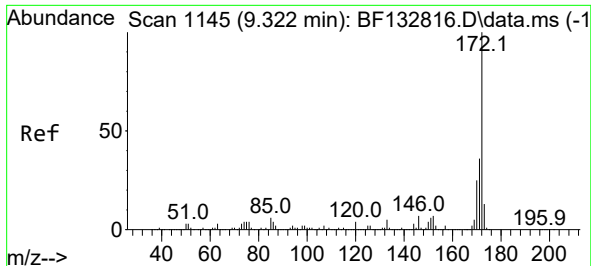
196 100

198 94.8 76.8 115.2

97 45.8 36.9 55.3

132 23.9 19.7 29.5





#45

2-Fluorobiphenyl

Concen: 69.507 ng

RT: 9.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

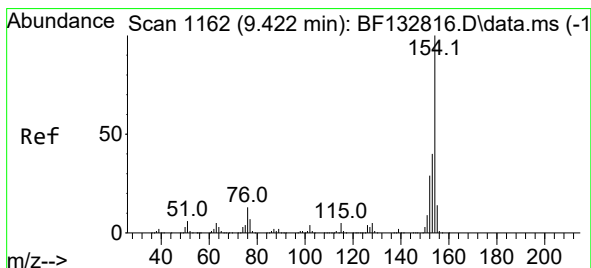
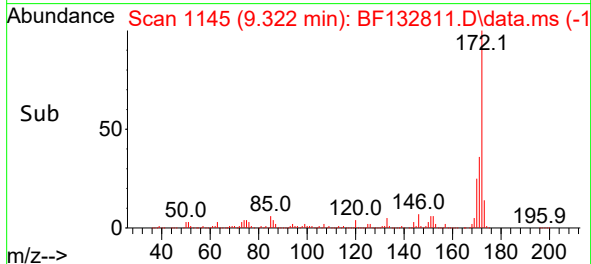
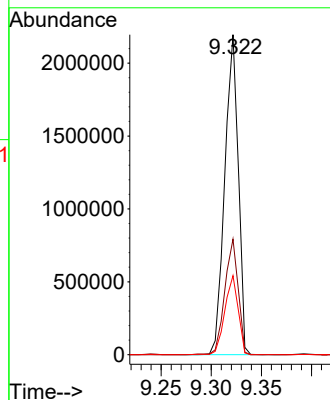
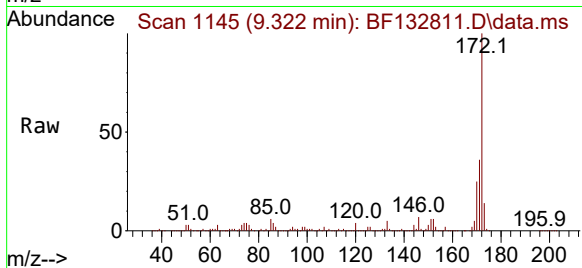
Tgt Ion:172 Resp: 2047569

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.7 19.8 29.8



#46

1,1'-Biphenyl

Concen: 37.330 ng

RT: 9.422 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

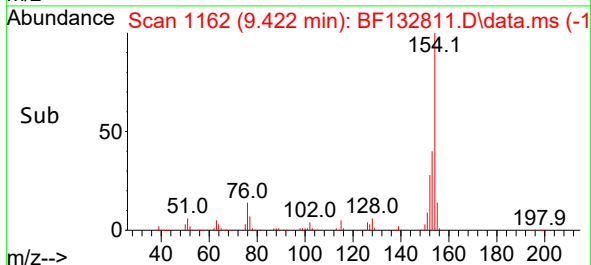
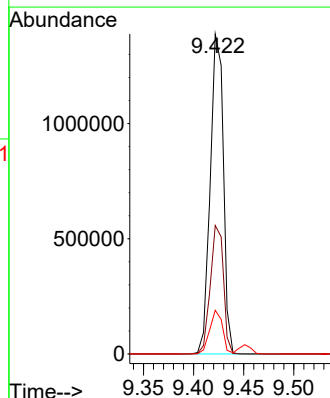
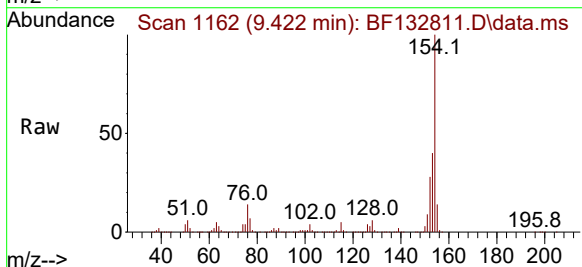
Tgt Ion:154 Resp: 1267377

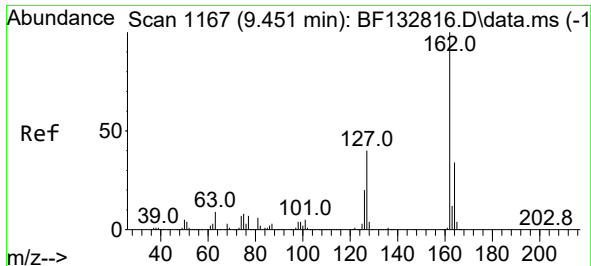
Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 13.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 38.410 ng

RT: 9.451 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

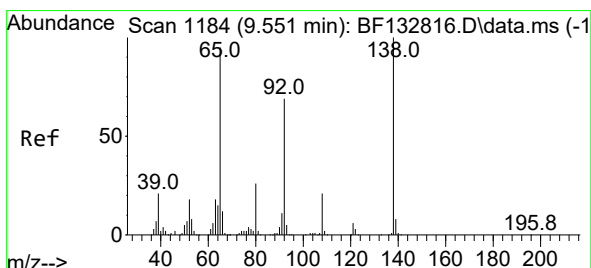
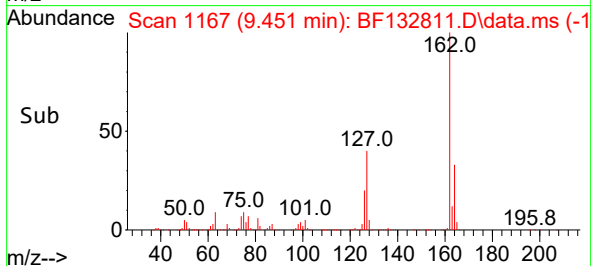
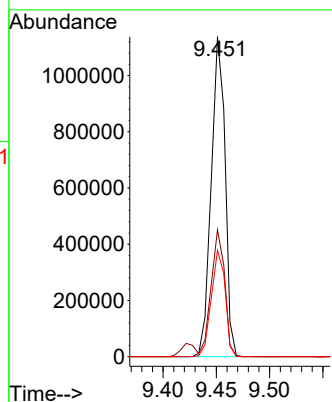
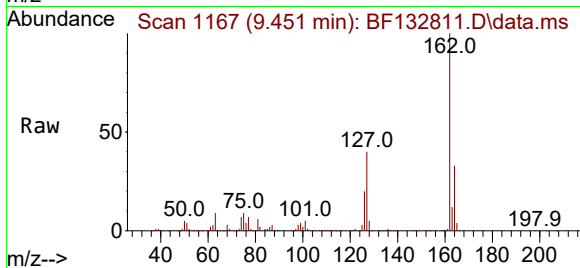
Tgt Ion:162 Resp: 1033895

Ion Ratio Lower Upper

162 100

127 39.6 32.3 48.5

164 33.3 27.2 40.8



#48

2-Nitroaniline

Concen: 34.394 ng

RT: 9.551 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

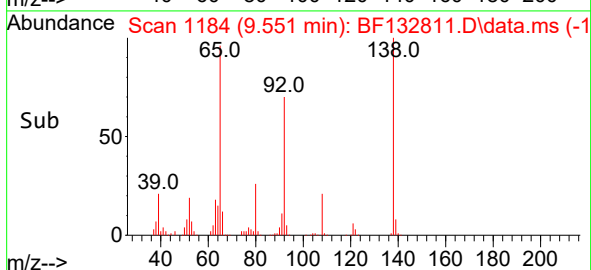
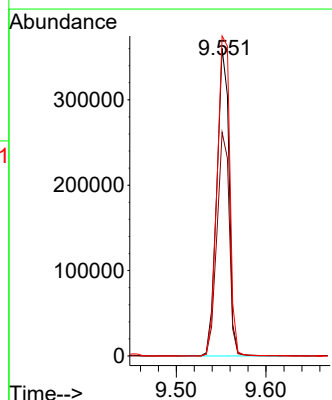
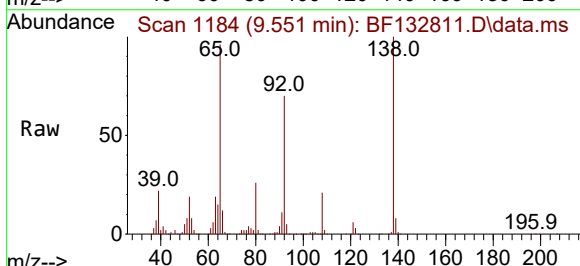
Tgt Ion: 65 Resp: 340974

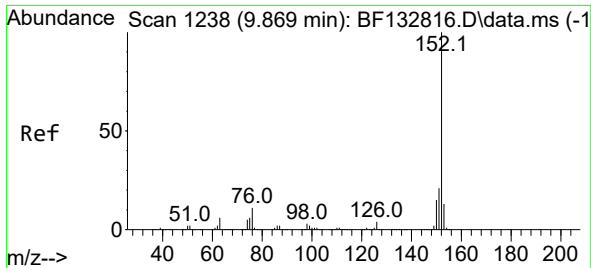
Ion Ratio Lower Upper

65 100

92 72.7 58.6 88.0

138 104.1 84.4 126.6

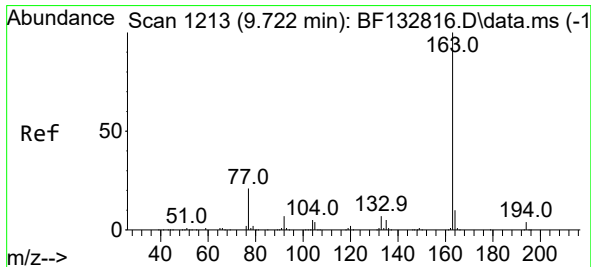
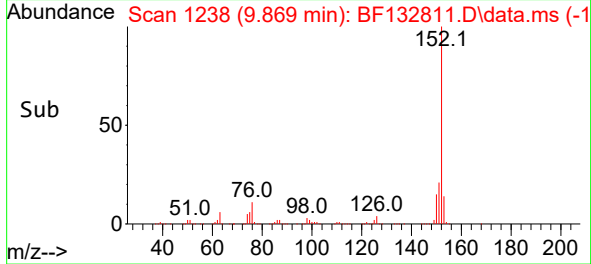
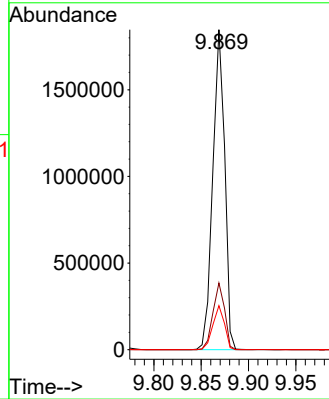
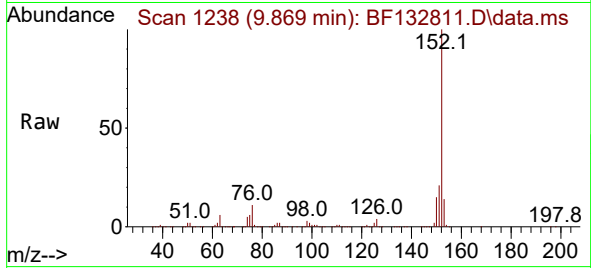




#49
Acenaphthylene
Concen: 37.475 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

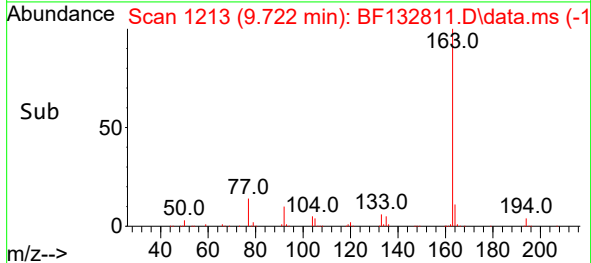
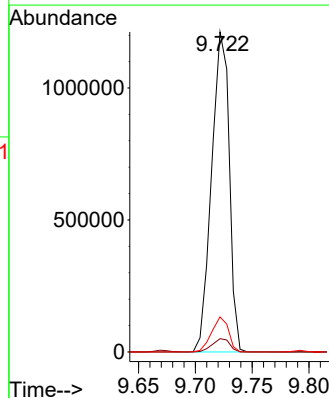
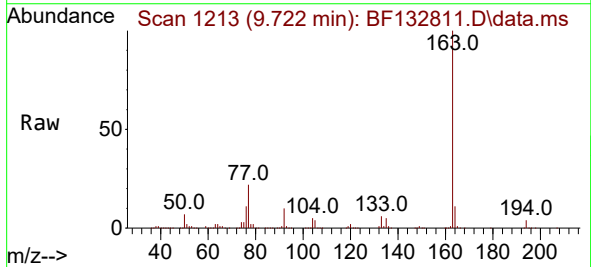
Instrument :
BNA_F
ClientSampleId :

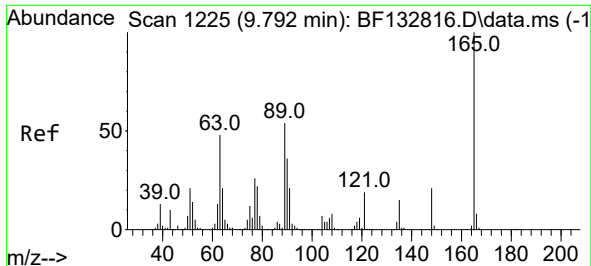
Tgt Ion:152 Resp: 1605429
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.8 10.8 16.2



#50
Dimethylphthalate
Concen: 40.219 ng
RT: 9.722 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:163 Resp: 1313567
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.9 8.3 12.5

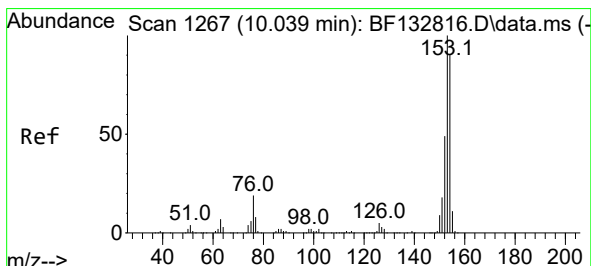
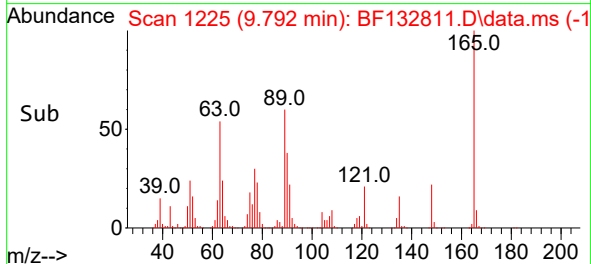
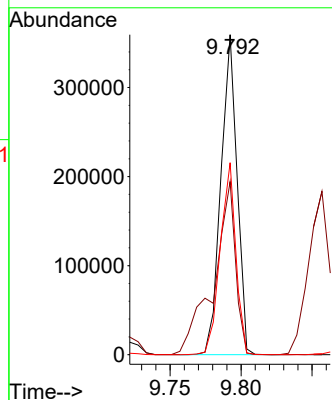
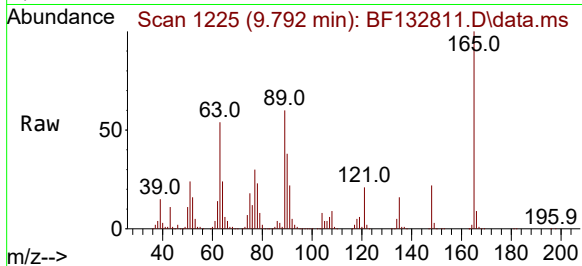




#51
2,6-Dinitrotoluene
Concen: 38.085 ng
RT: 9.792 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

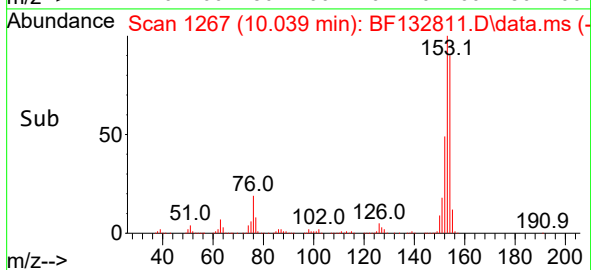
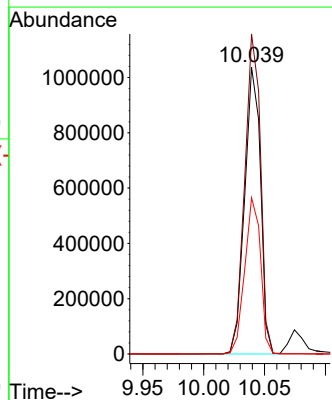
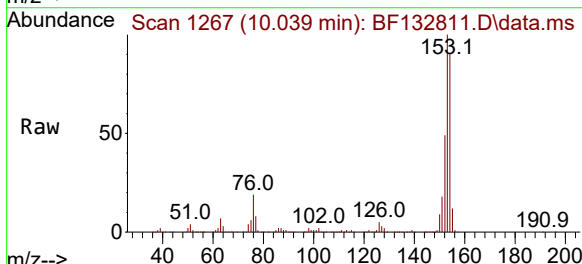
Instrument :
BNA_F
ClientSampleId :

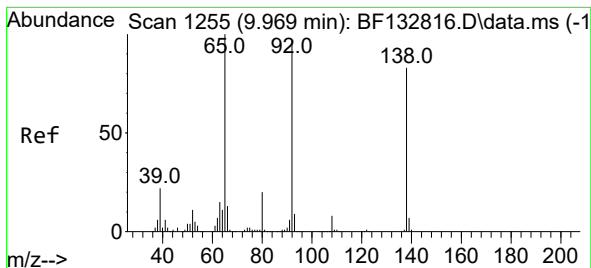
Tgt Ion:165 Resp: 283277
Ion Ratio Lower Upper
165 100
63 54.1 39.1 58.7
89 60.0 43.5 65.3



#52
Acenaphthene
Concen: 34.625 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:154 Resp: 941898
Ion Ratio Lower Upper
154 100
153 111.6 89.4 134.0
152 54.4 43.4 65.2

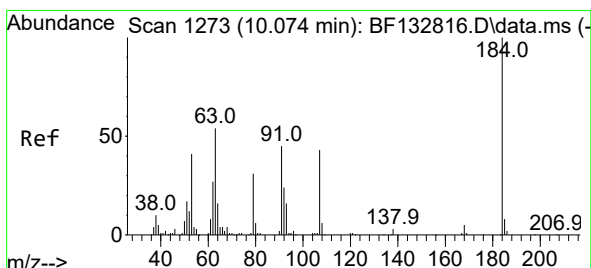
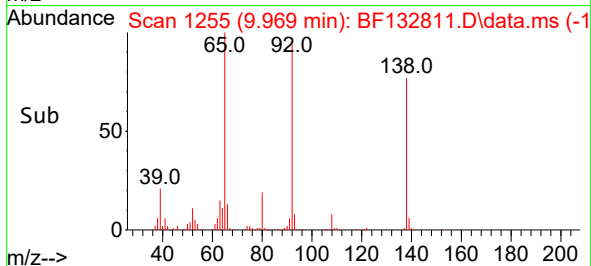
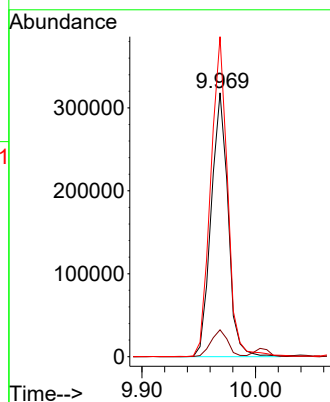
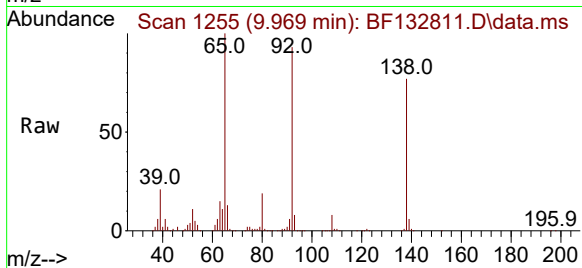




#53
3-Nitroaniline
Concen: 39.580 ng
RT: 9.969 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

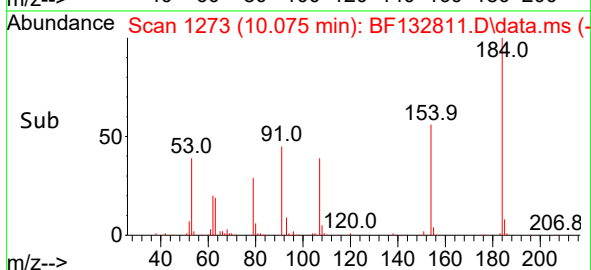
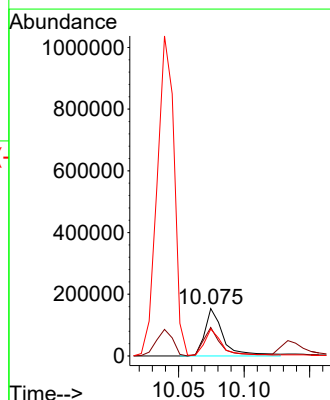
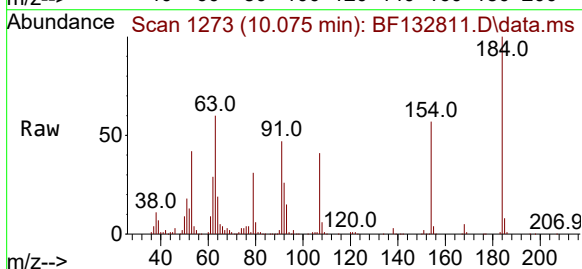
Instrument :
BNA_F
ClientSampleId :

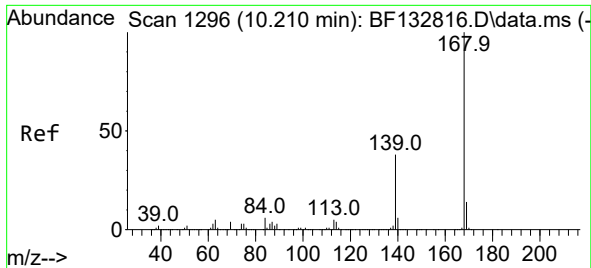
Tgt Ion:138 Resp: 329320
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 121.3 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 34.629 ng
RT: 10.075 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:184 Resp: 151087
Ion Ratio Lower Upper
184 100
63 60.2 47.2 70.8
154 56.8 46.5 69.7

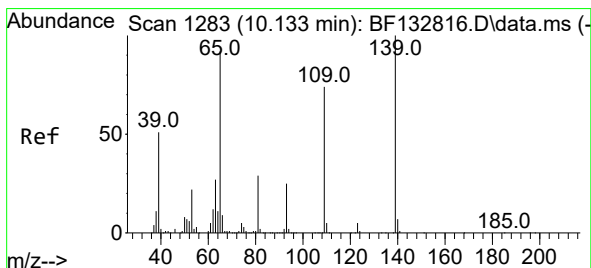
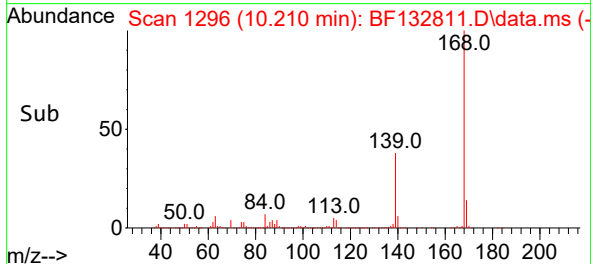
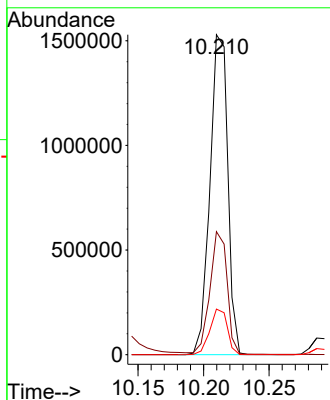
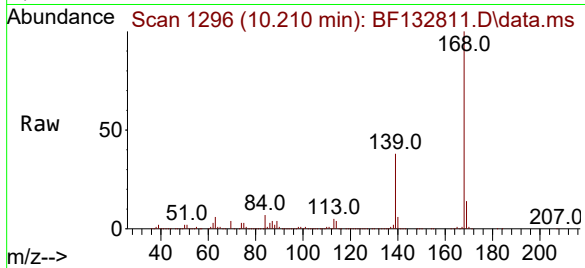




#55
Dibenzenofuran
Concen: 36.481 ng
RT: 10.210 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

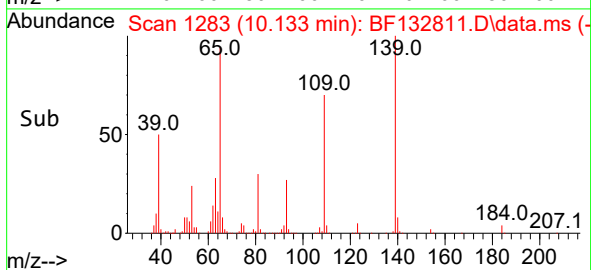
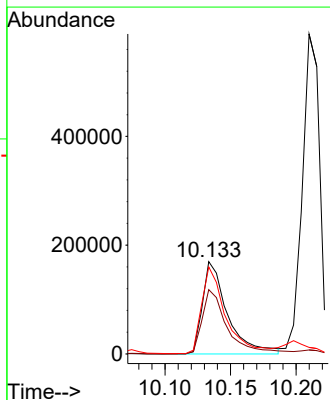
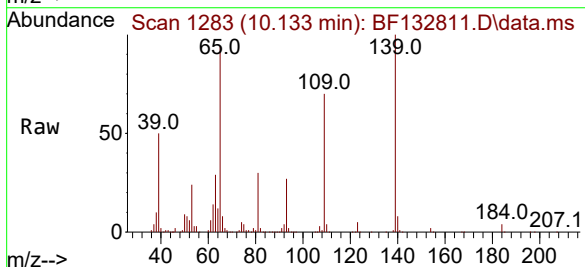
Instrument :
BNA_F
ClientSampleId :

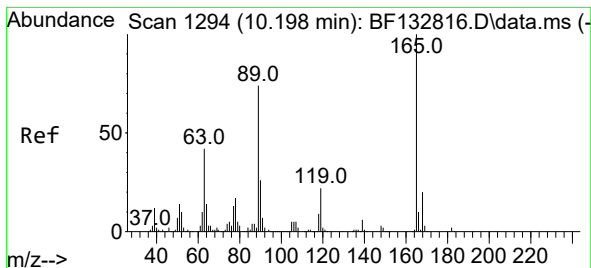
Tgt Ion:168 Resp: 1446737
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 14.3 11.3 16.9



#56
4-Nitrophenol
Concen: 36.332 ng
RT: 10.133 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

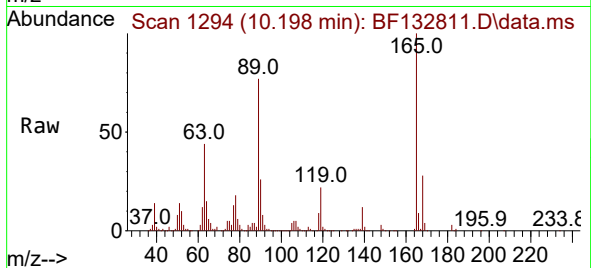
Tgt Ion:139 Resp: 225444
Ion Ratio Lower Upper
139 100
109 69.7 53.8 93.8
65 94.3 73.0 113.0



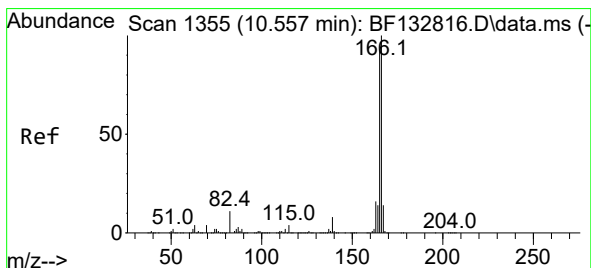
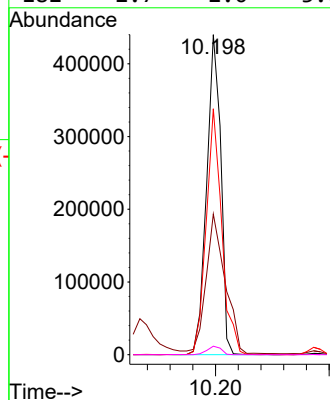
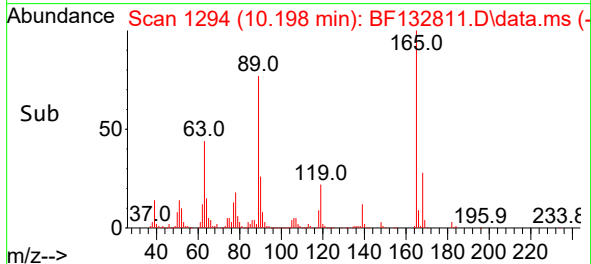


#57
2,4-Dinitrotoluene
Concen: 38.244 ng
RT: 10.198 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

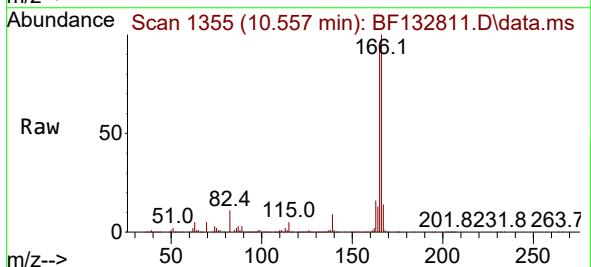
Instrument :
BNA_F
ClientSampleId :



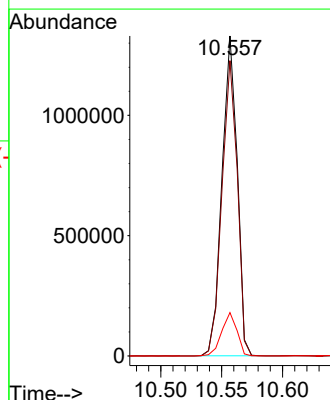
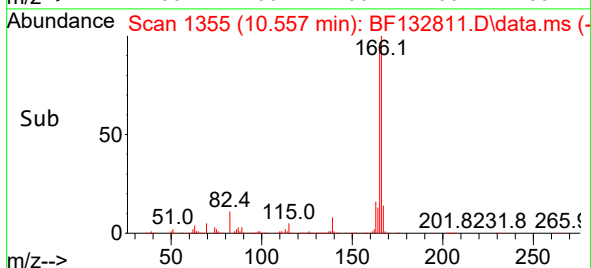
Tgt Ion:165 Resp: 378437
Ion Ratio Lower Upper
165 100
63 43.9 34.4 51.6
89 76.8 59.5 89.3
182 2.7 2.0 3.0

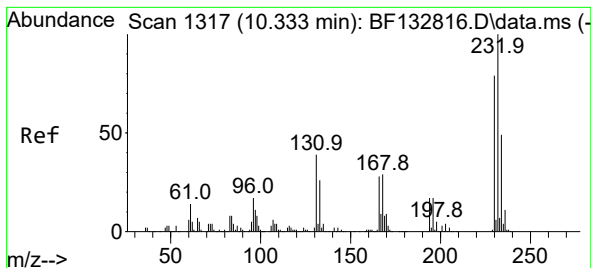


#58
Fluorene
Concen: 38.097 ng
RT: 10.557 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30



Tgt Ion:166 Resp: 1155627
Ion Ratio Lower Upper
166 100
165 92.3 74.3 111.5
167 13.6 11.0 16.4

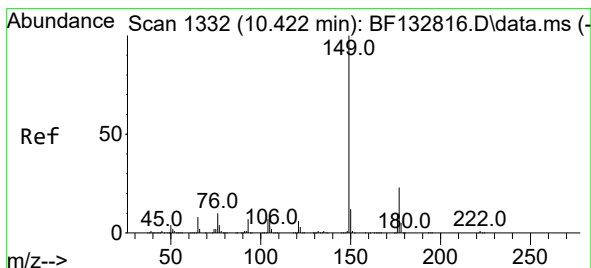
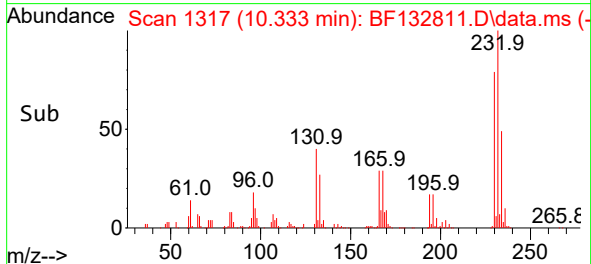
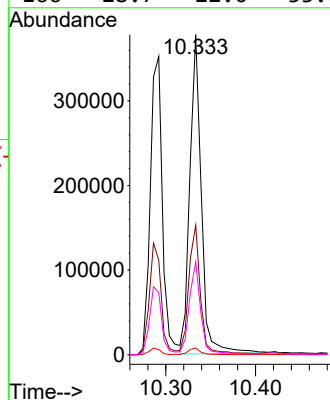
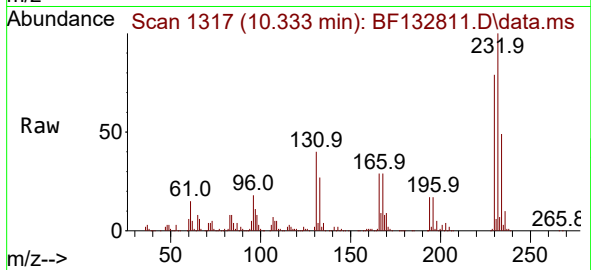




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.936 ng
RT: 10.333 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

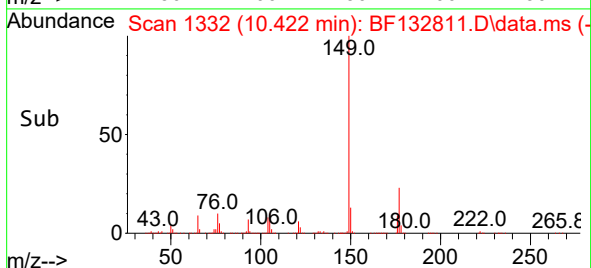
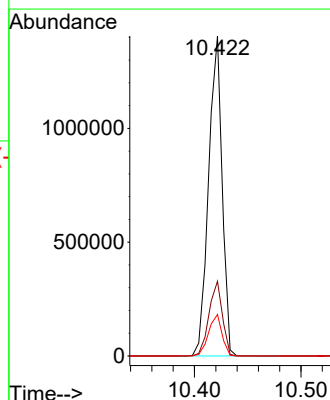
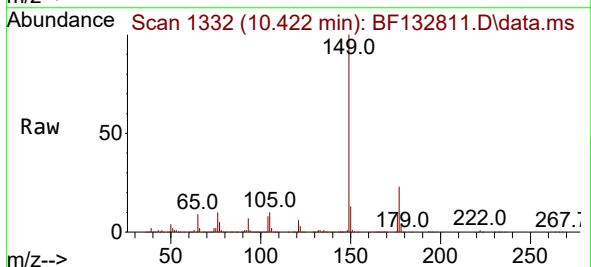
Instrument :
BNA_F
ClientSampleId :

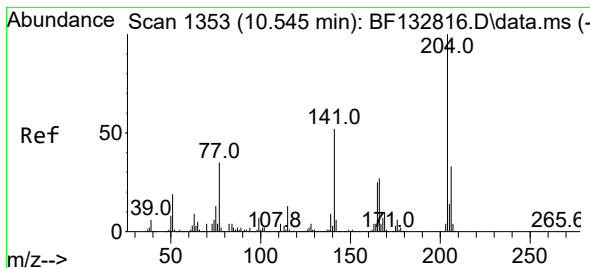
Tgt Ion:232 Resp: 335735
Ion Ratio Lower Upper
232 100
131 40.6 32.6 48.8
130 2.3 1.7 2.5
166 28.7 22.0 33.0



#60
Diethylphthalate
Concen: 38.976 ng
RT: 10.422 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:149 Resp: 1243263
Ion Ratio Lower Upper
149 100
177 23.3 18.6 28.0
150 13.0 10.0 15.0

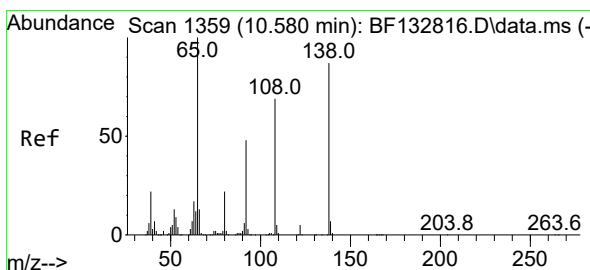
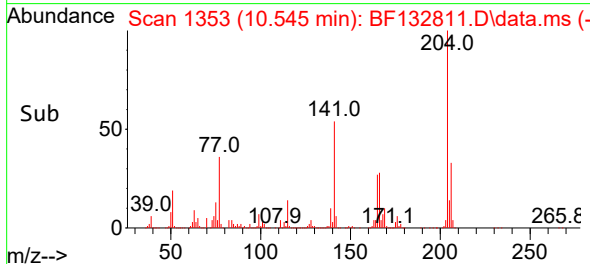
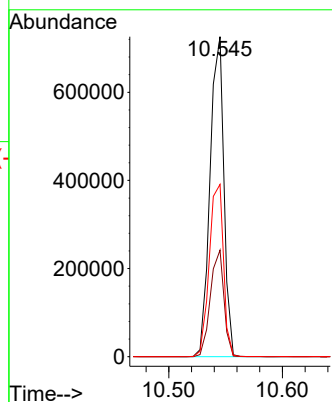
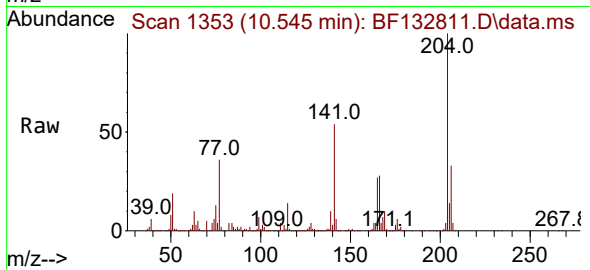




#61
4-Chlorophenyl-phenylether
Concen: 38.928 ng
RT: 10.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

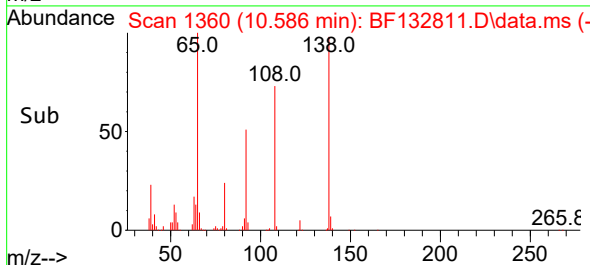
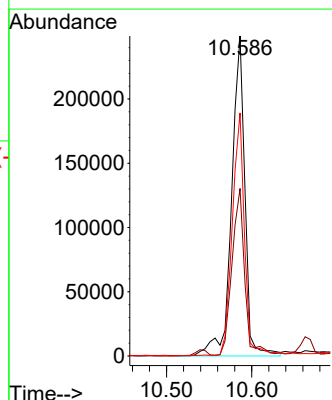
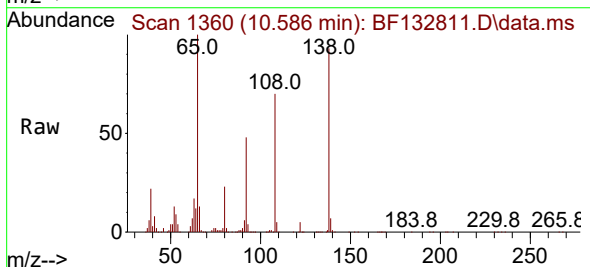
Instrument :
BNA_F
ClientSampleId :

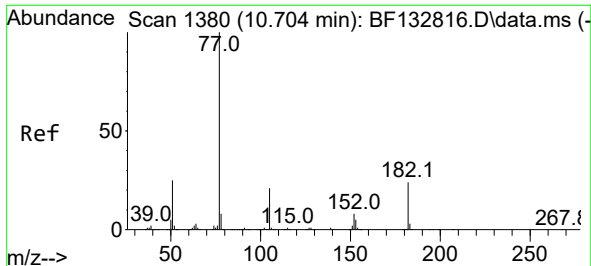
Tgt Ion:204 Resp: 612575
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 53.9 41.9 62.9



#62
4-Nitroaniline
Concen: 33.128 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:138 Resp: 270573
Ion Ratio Lower Upper
138 100
92 52.4 34.9 74.9
108 76.0 58.8 98.8



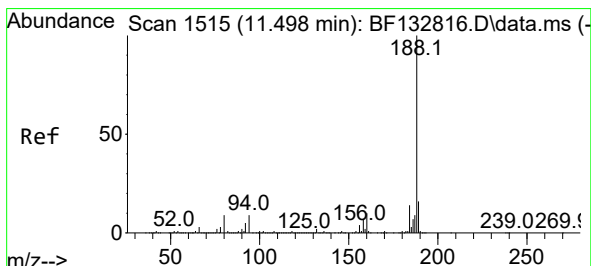
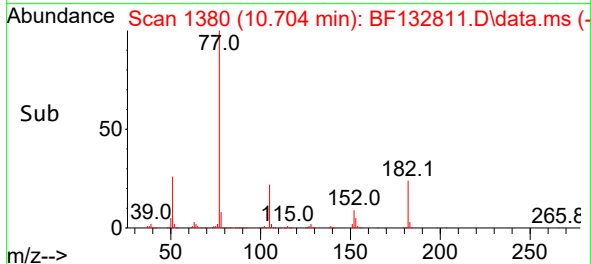
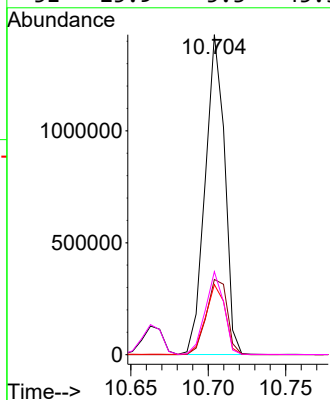
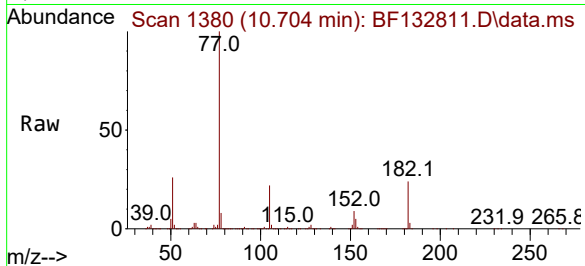


#63
 Azobenzene
 Concen: 36.891 ng
 RT: 10.704 min Scan# 1380
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 77 Resp: 1246249

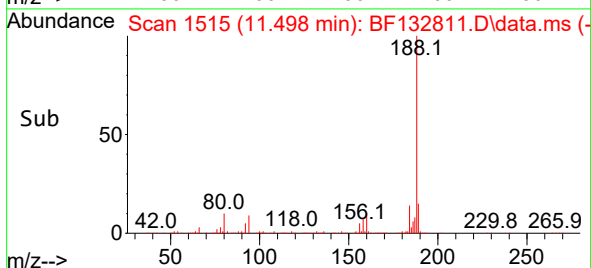
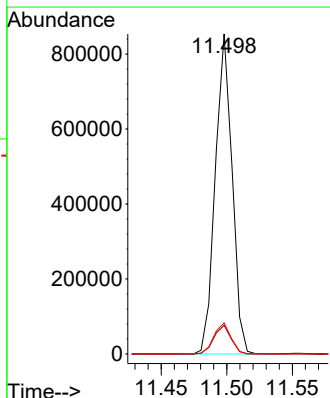
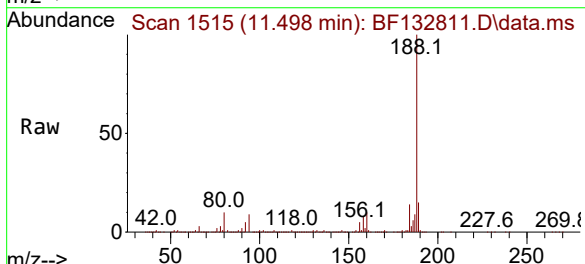
Ion	Ratio	Lower	Upper
77	100		
182	23.5	3.8	43.8
105	21.9	1.2	41.2
51	25.9	5.3	45.3

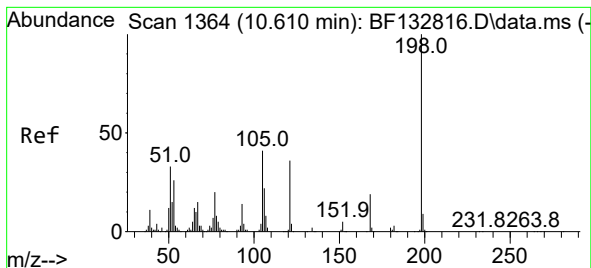


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.498 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion: 188 Resp: 760715

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.7	7.5	11.3

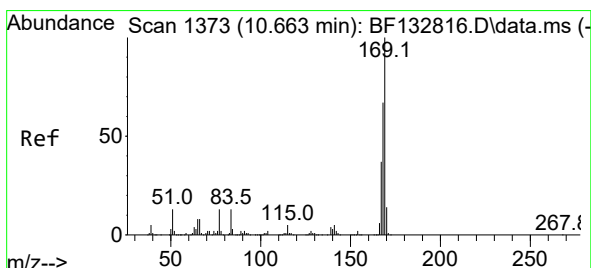
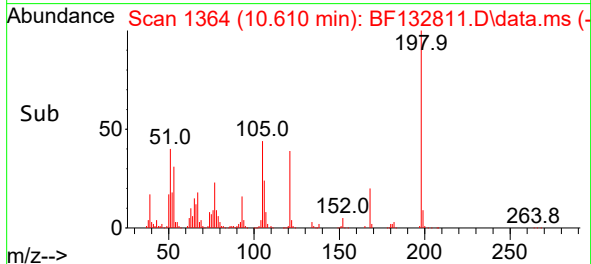
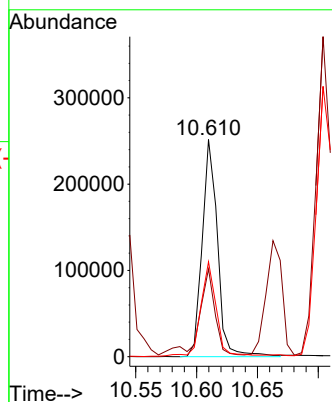
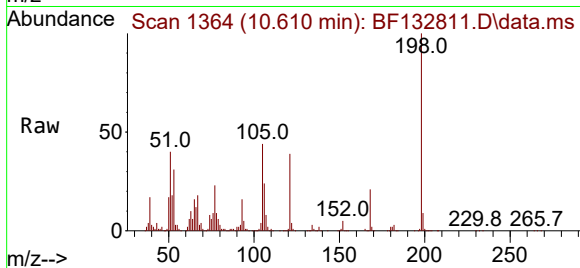




#65
4,6-Dinitro-2-methylphenol
Concen: 42.757 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

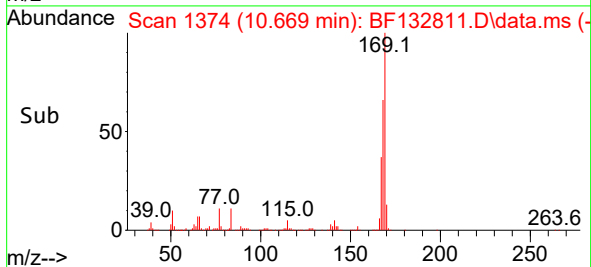
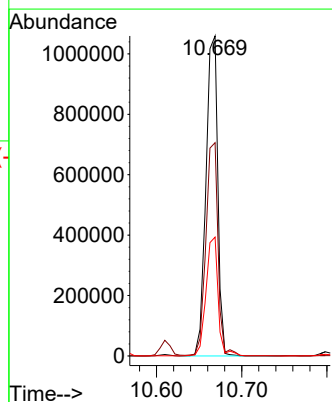
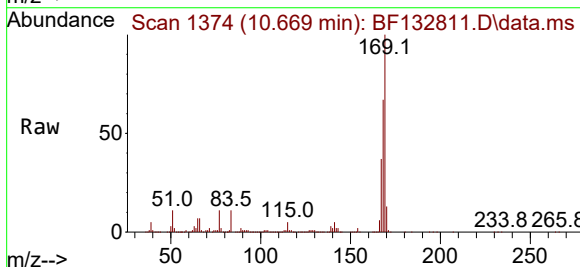
Instrument :
BNA_F
ClientSampleId :

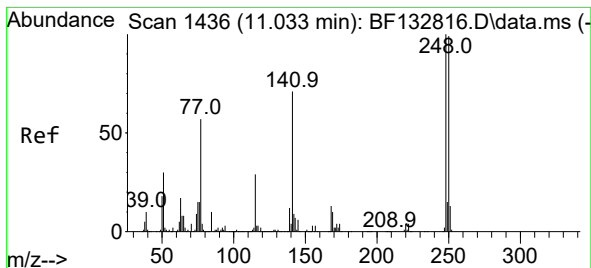
Tgt Ion:198 Resp: 220183
Ion Ratio Lower Upper
198 100
51 40.4 15.6 55.6
105 43.7 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 42.949 ng
RT: 10.669 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:169 Resp: 1018568
Ion Ratio Lower Upper
169 100
168 66.6 54.2 81.2
167 37.2 29.6 44.4

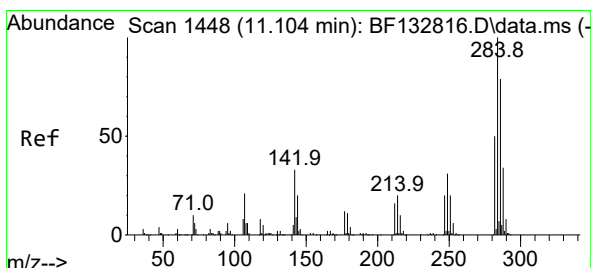
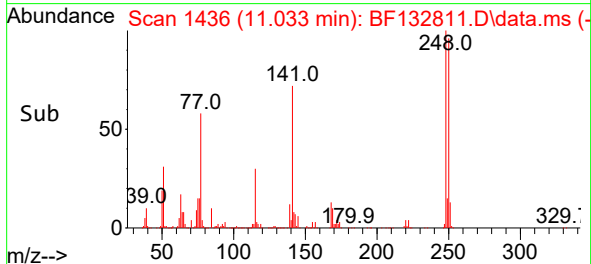
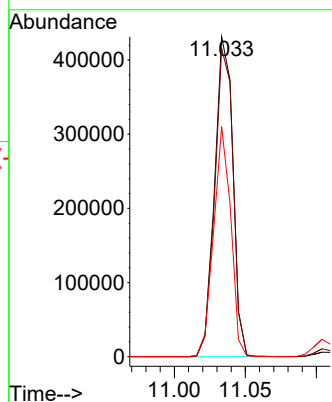
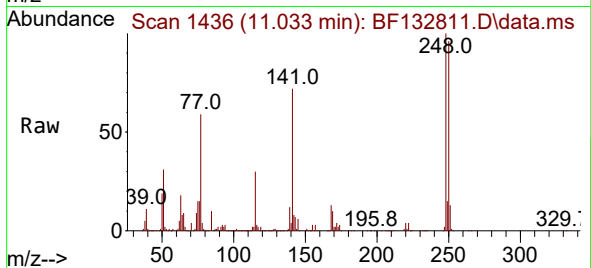




#67
4-Bromophenyl-phenylether
Concen: 44.882 ng
RT: 11.033 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

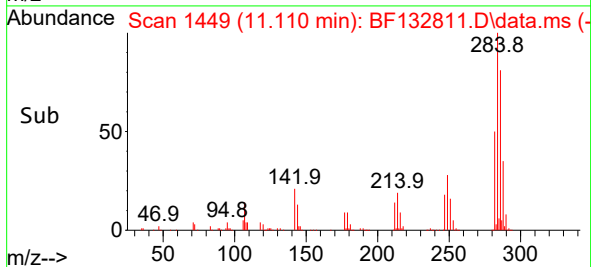
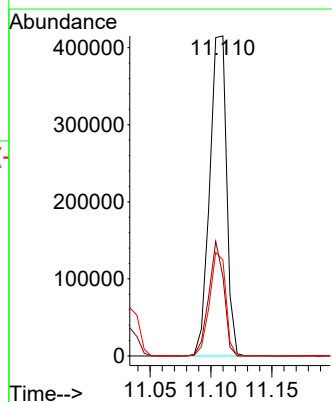
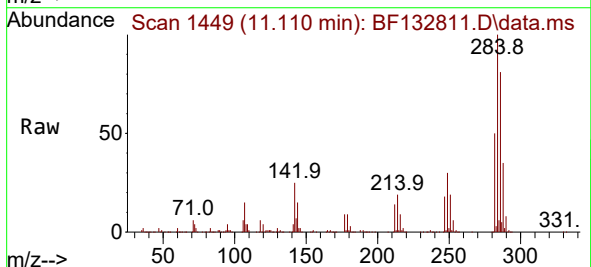
Instrument :
BNA_F
ClientSampleId :

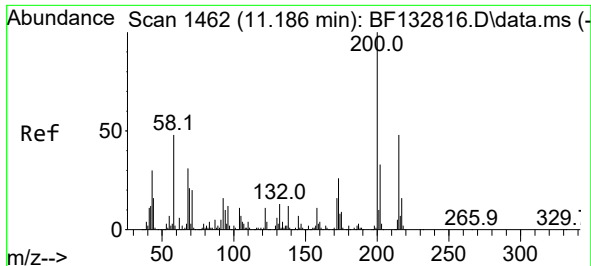
Tgt Ion:248 Resp: 386201
Ion Ratio Lower Upper
248 100
250 96.4 79.1 118.7
141 71.9 57.1 85.7



#68
Hexachlorobenzene
Concen: 44.289 ng
RT: 11.110 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

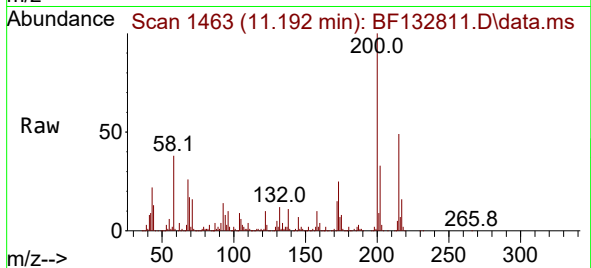
Tgt Ion:284 Resp: 401004
Ion Ratio Lower Upper
284 100
142 24.9 26.2 39.2#
249 30.0 24.9 37.3



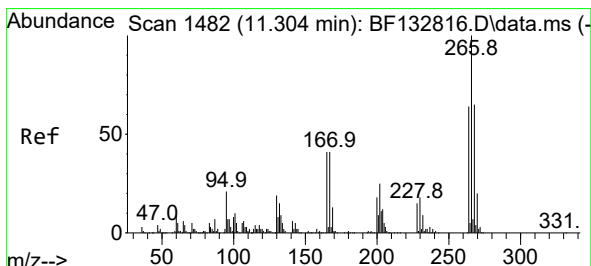
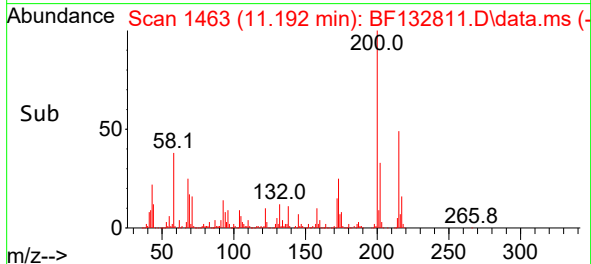
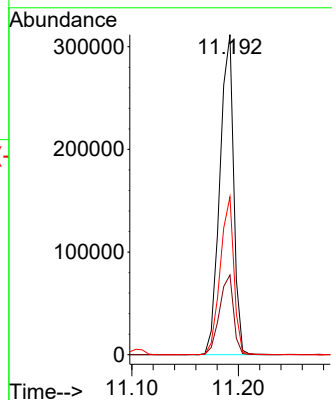


#69
 Atrazine
 Concen: 37.953 ng
 RT: 11.192 min Scan# 1463
 Delta R.T. 0.006 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :

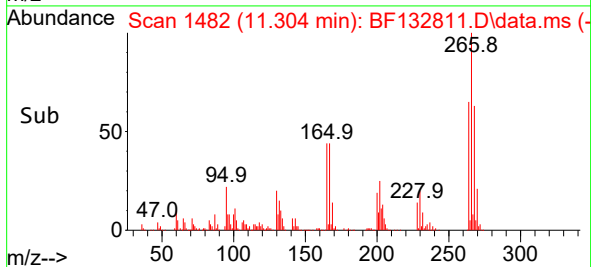
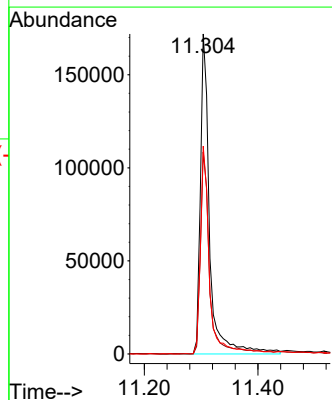
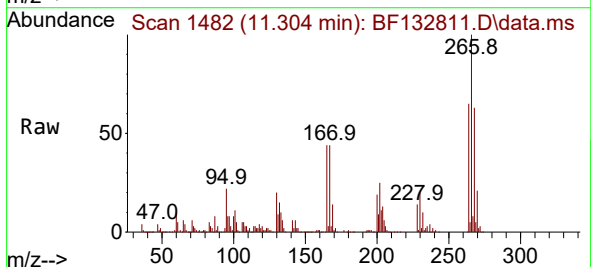


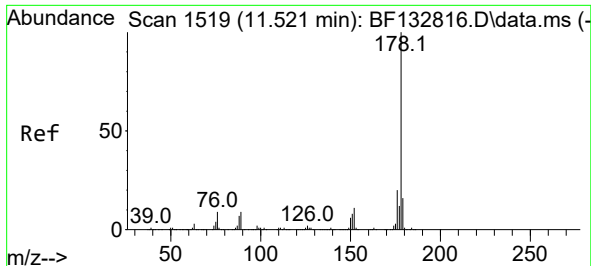
Tgt Ion:200 Resp: 281000
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.5 46.5
 215 49.4 28.0 68.0



#70
 Pentachlorophenol
 Concen: 36.437 ng
 RT: 11.304 min Scan# 1482
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion:266 Resp: 196287
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.6 77.4
 264 65.0 51.0 76.4

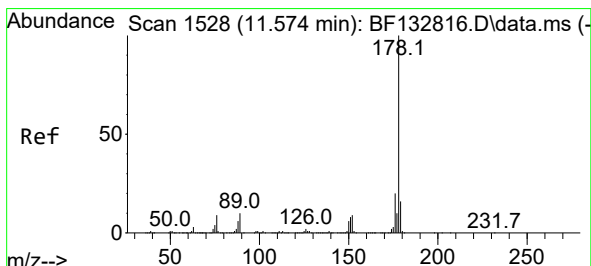
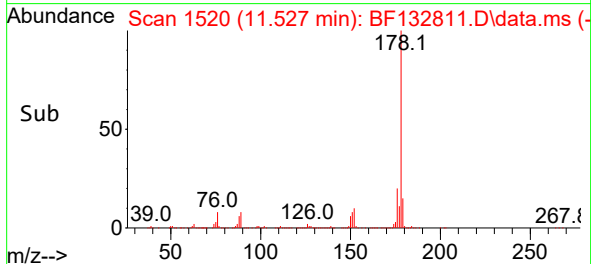
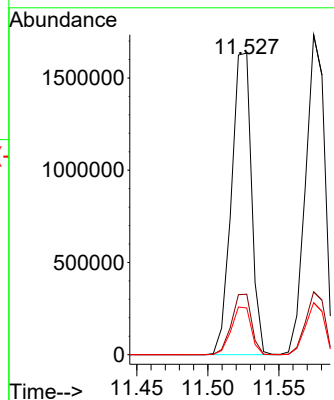
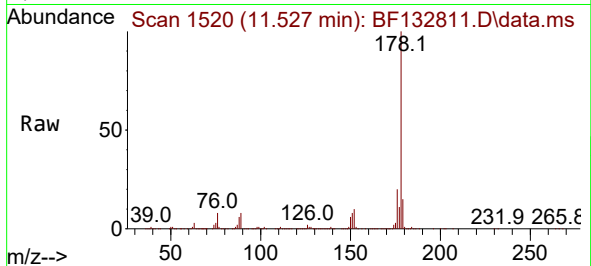




#71
Phenanthrene
Concen: 40.837 ng
RT: 11.527 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

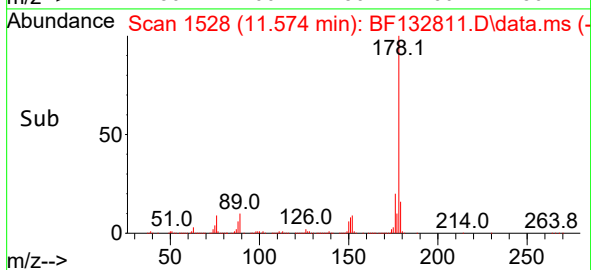
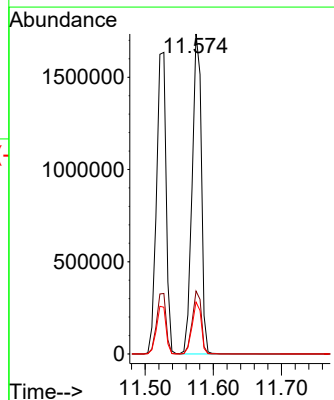
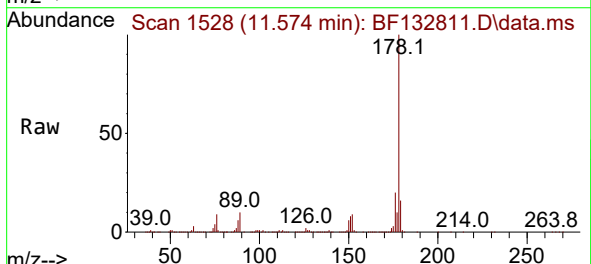
Instrument :
BNA_F
ClientSampleId :

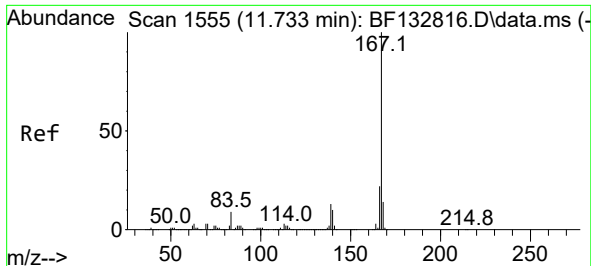
Tgt Ion:178 Resp: 1609342
Ion Ratio Lower Upper
178 100
176 20.1 16.3 24.5
179 15.5 13.1 19.7



#72
Anthracene
Concen: 40.101 ng
RT: 11.574 min Scan# 1528
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:178 Resp: 1627362
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 16.2 12.8 19.2



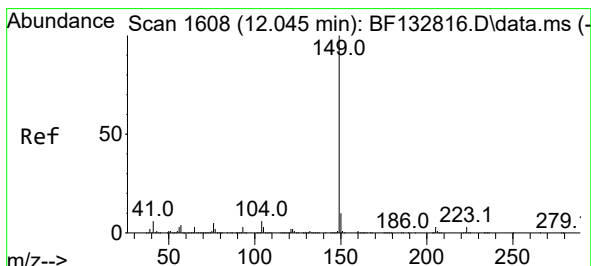
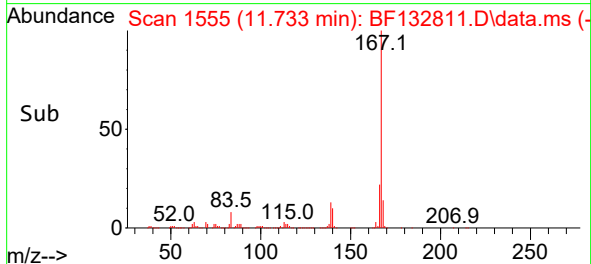
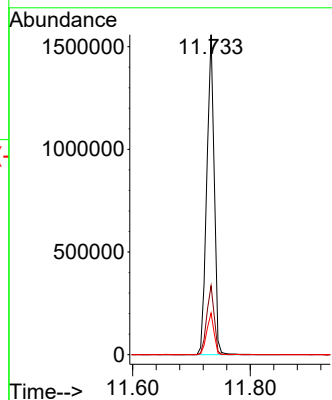
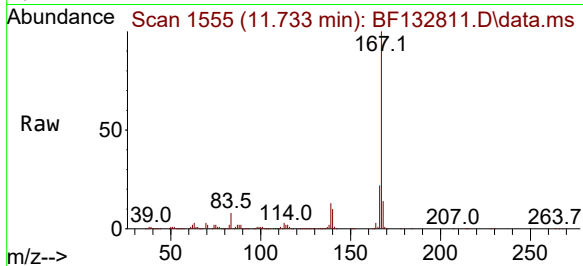


#73
 Carbazole
 Concen: 37.435 ng
 RT: 11.733 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 1369718

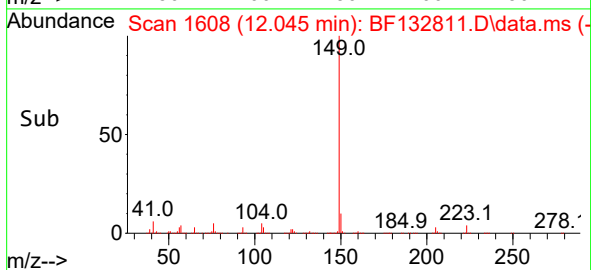
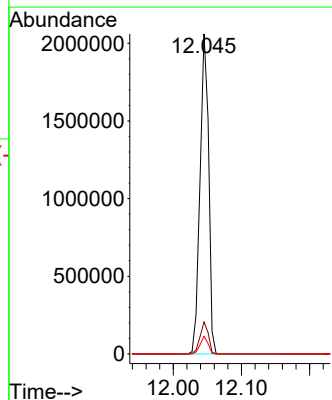
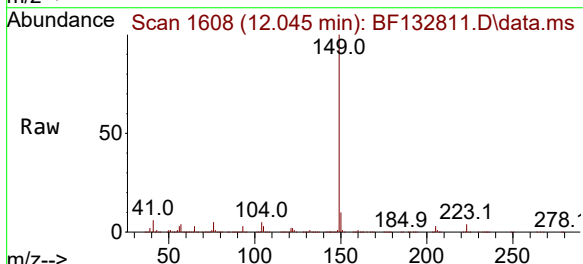
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	13.0	10.2	15.2

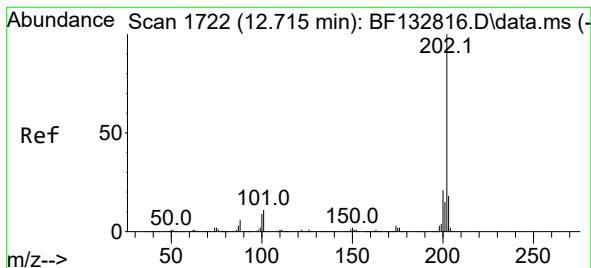


#74
 Di-n-butylphthalate
 Concen: 42.162 ng
 RT: 12.045 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion:149 Resp: 1809551

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	5.5	4.4	6.6





#75

Fluoranthene

Concen: 41.681 ng

RT: 12.716 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

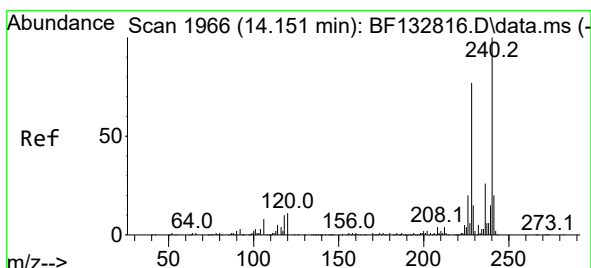
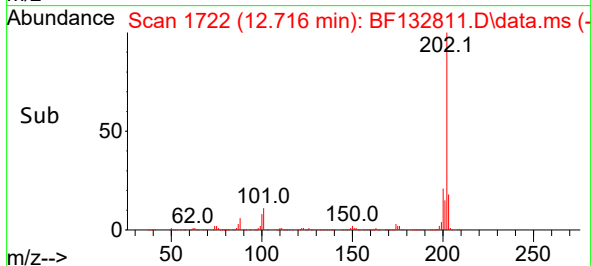
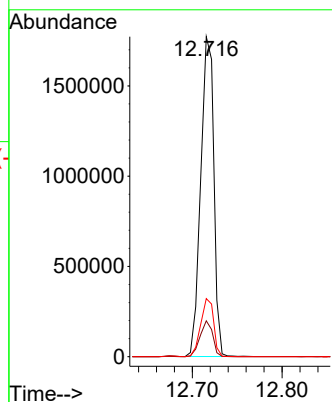
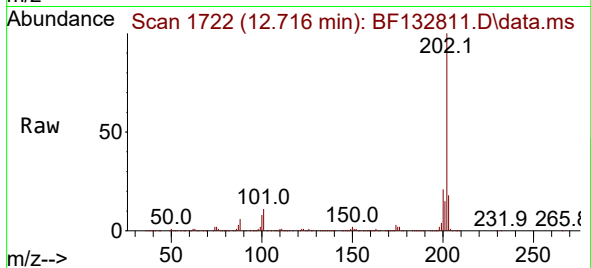
Tgt Ion:202 Resp: 1795697

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

203 18.1 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: BF132811.D

Acq: 16 Mar 2023 13:30

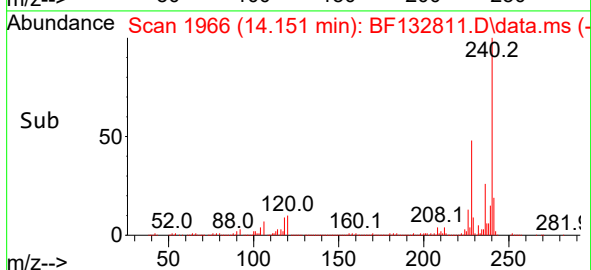
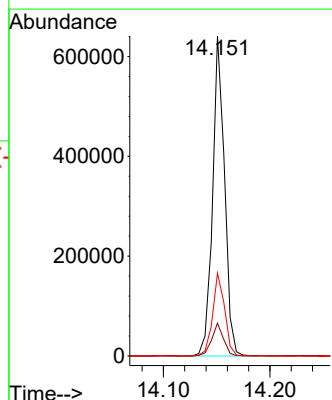
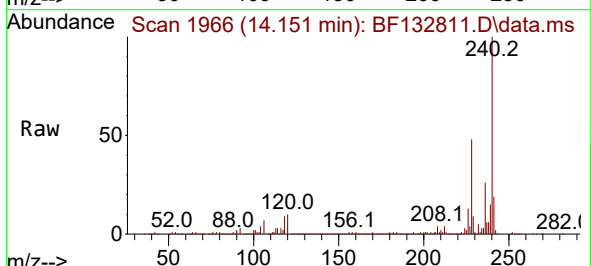
Tgt Ion:240 Resp: 498239

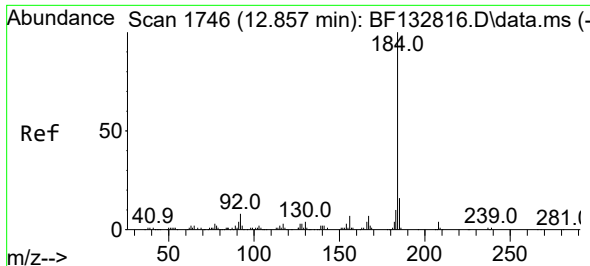
Ion Ratio Lower Upper

240 100

120 10.3 9.1 13.7

236 25.9 21.2 31.8

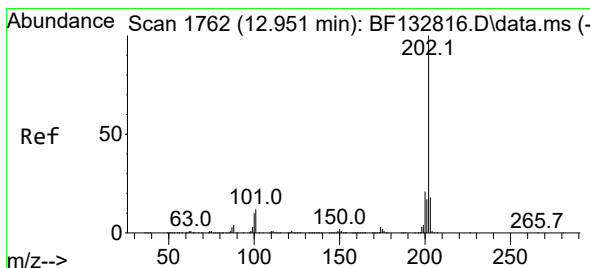
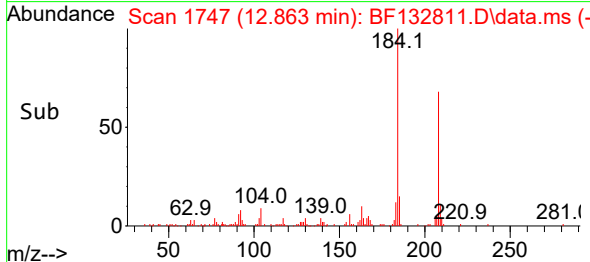
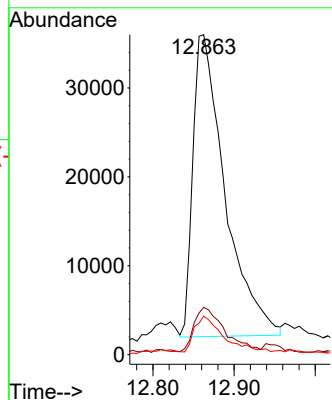
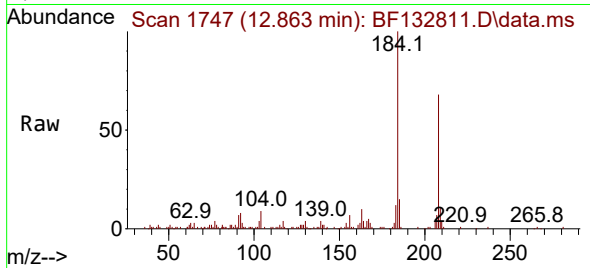




#77
Benzidine
Concen: 7.706 ng
RT: 12.863 min Scan# 1747
Delta R.T. 0.006 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

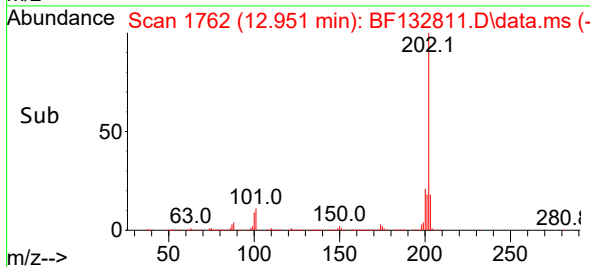
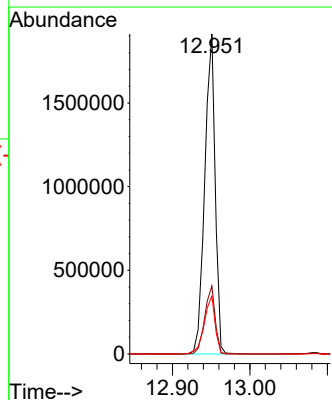
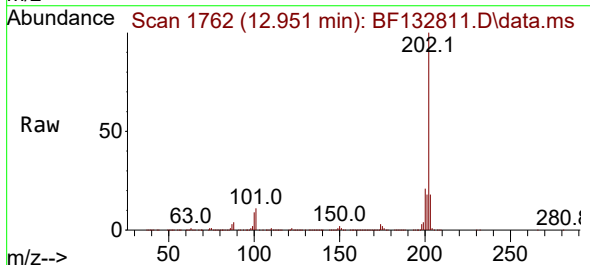
Instrument :
BNA_F
ClientSampleId :

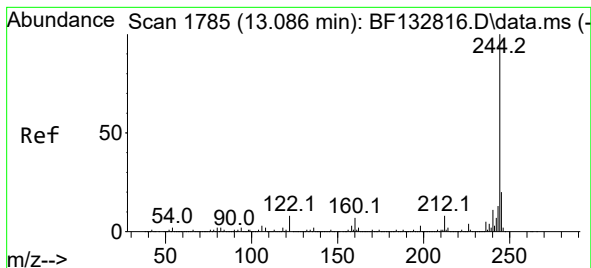
Tgt Ion:184 Resp: 93466
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 12.0 8.2 12.4



#78
Pyrene
Concen: 39.398 ng
RT: 12.951 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:202 Resp: 1784674
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 78.148 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

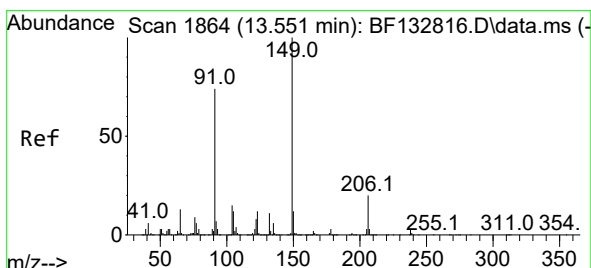
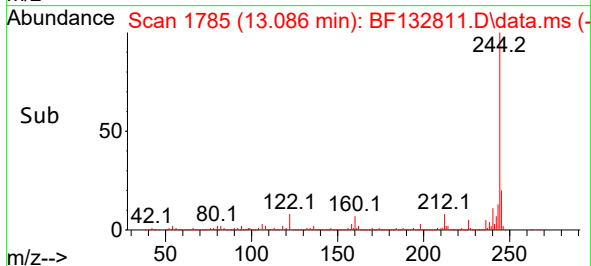
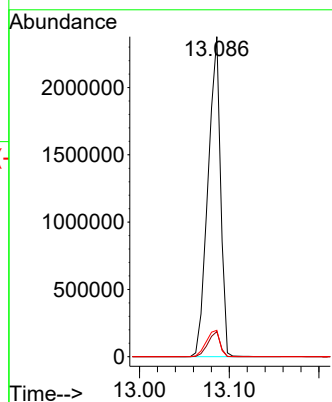
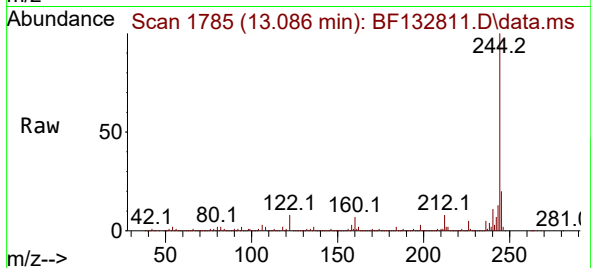
Tgt Ion:244 Resp: 2302924

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

122 8.2 6.6 9.8



#80

Butylbenzylphthalate

Concen: 43.300 ng

RT: 13.551 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

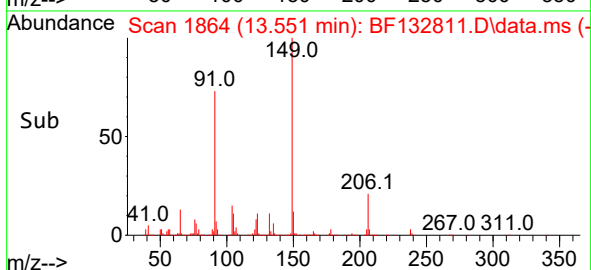
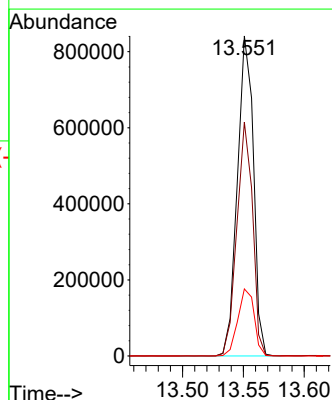
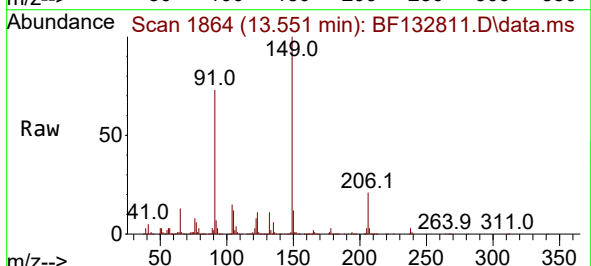
Tgt Ion:149 Resp: 774016

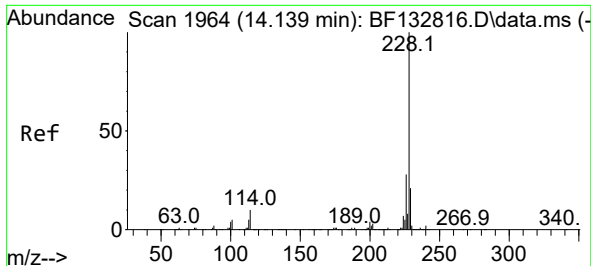
Ion Ratio Lower Upper

149 100

91 73.1 59.5 89.3

206 20.9 16.2 24.4

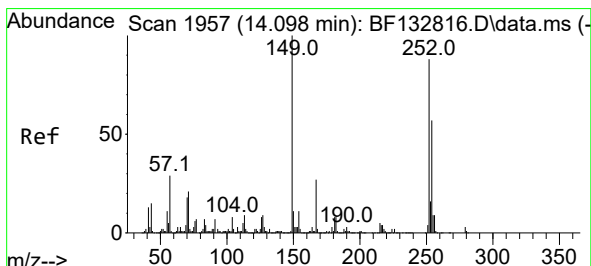
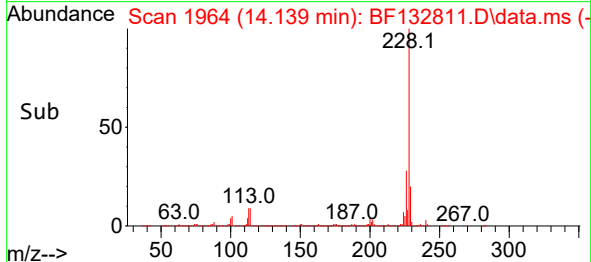
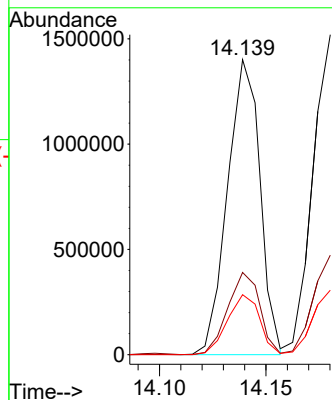
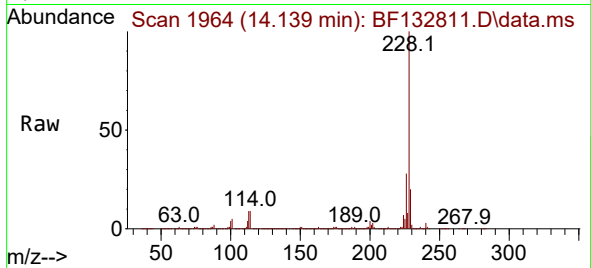




#81
Benzo(a)anthracene
Concen: 39.838 ng
RT: 14.139 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

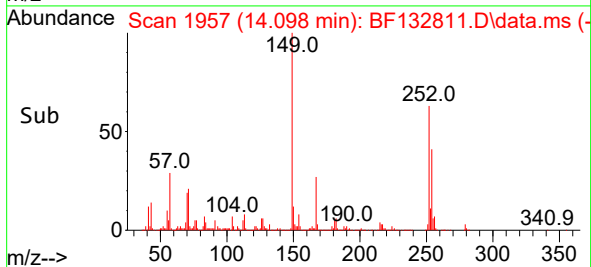
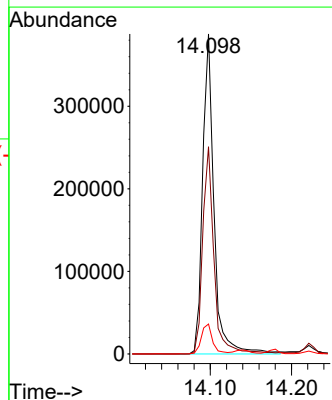
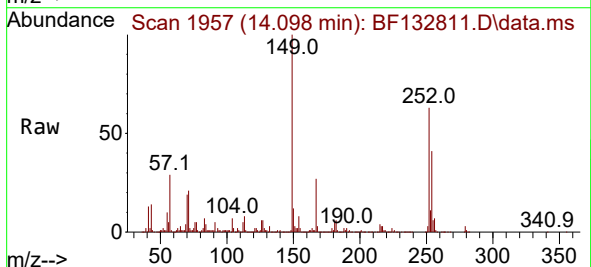
Instrument :
BNA_F
ClientSampleId :

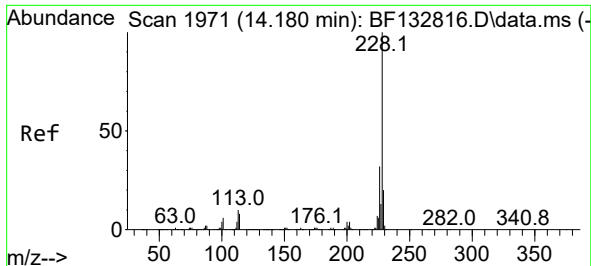
Tgt Ion:228 Resp: 1485123
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.3 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 34.296 ng
RT: 14.098 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

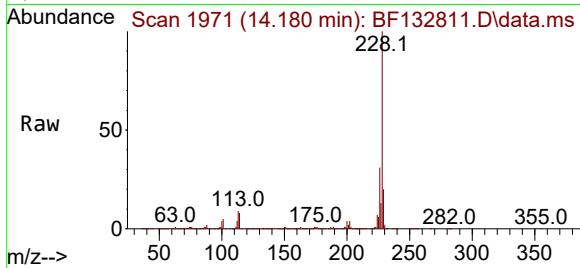
Tgt Ion:252 Resp: 376941
Ion Ratio Lower Upper
252 100
254 64.7 52.2 78.4
126 9.4 7.5 11.3



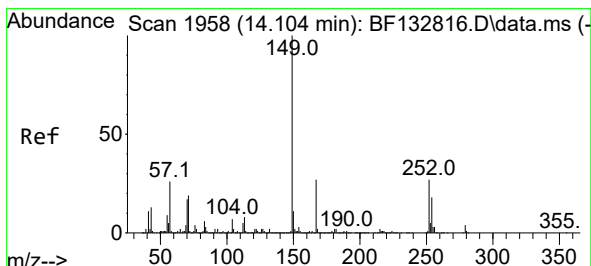
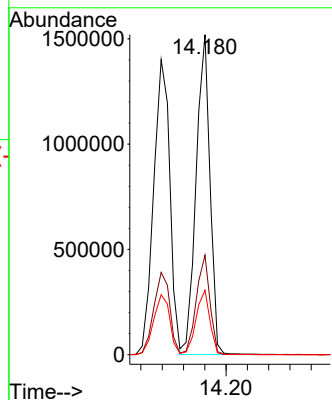
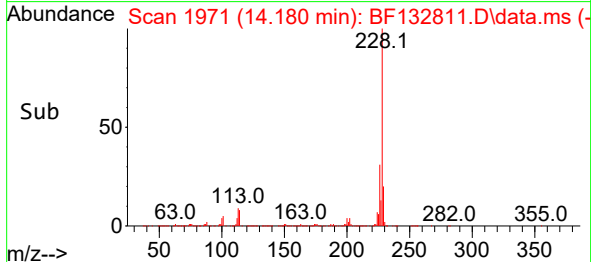


#83
 Chrysene
 Concen: 39.432 ng
 RT: 14.180 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

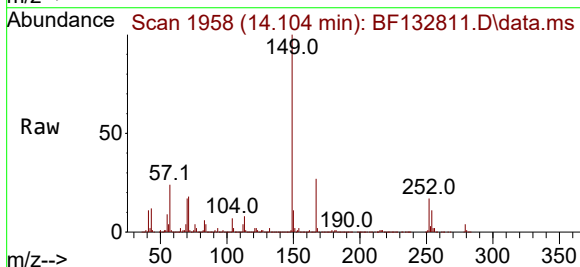
Instrument :
 BNA_F
 ClientSampleId :



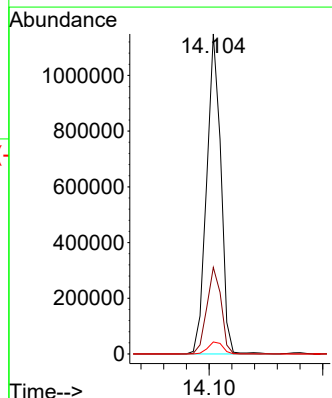
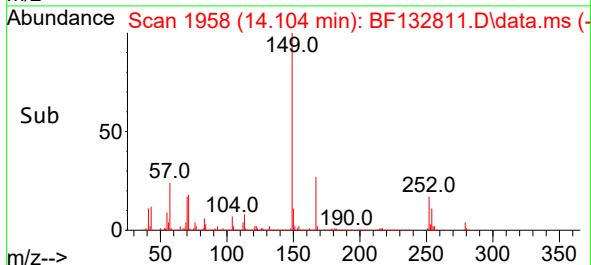
Tgt Ion:228 Resp: 1374631
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.1 16.1 24.1

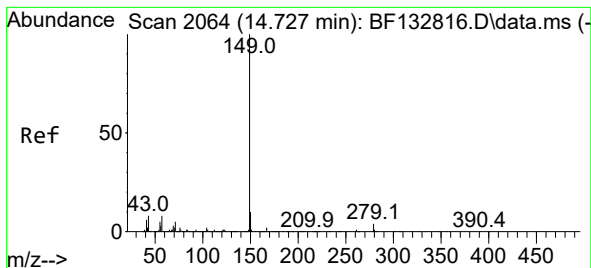


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.261 ng
 RT: 14.104 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30



Tgt Ion:149 Resp: 993917
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.0
 279 3.8 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.751 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

Instrument :

BNA_F

ClientSampleId :

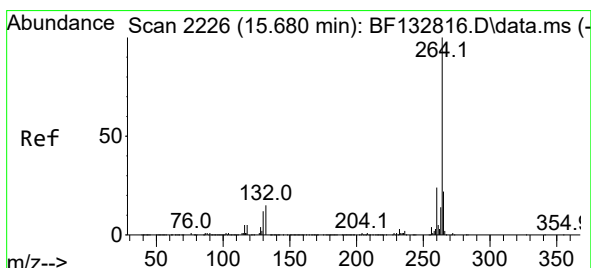
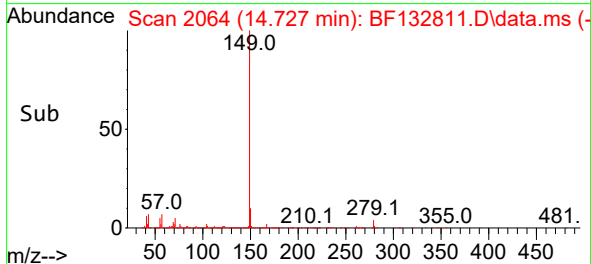
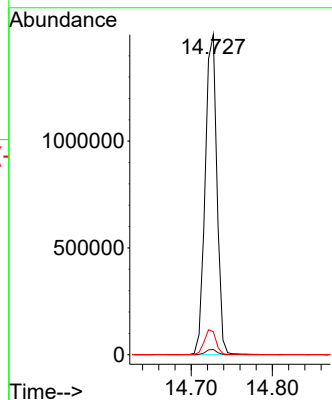
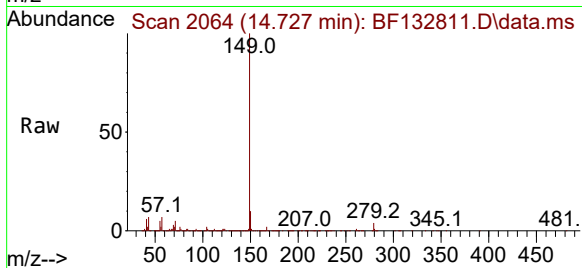
Tgt Ion:149 Resp: 1500202

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: 15.674 min Scan# 2225

Delta R.T. -0.006 min

Lab File: BF132811.D

Acq: 16 Mar 2023 13:30

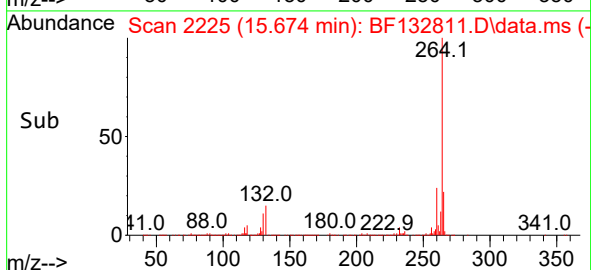
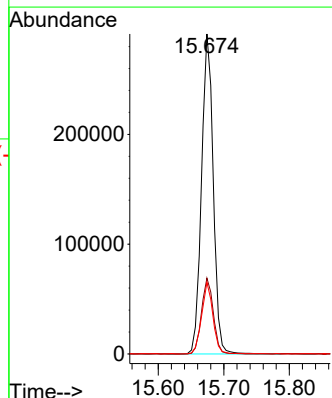
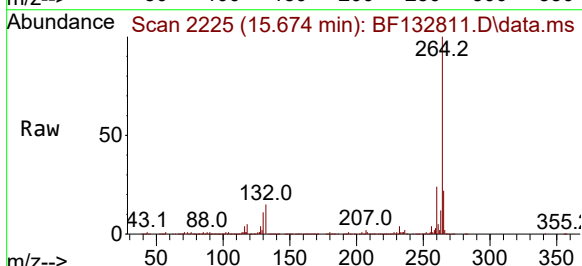
Tgt Ion:264 Resp: 363275

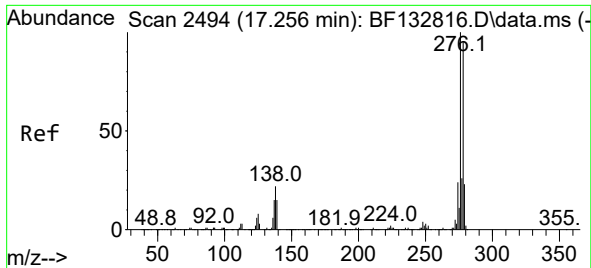
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.3 17.4 26.0

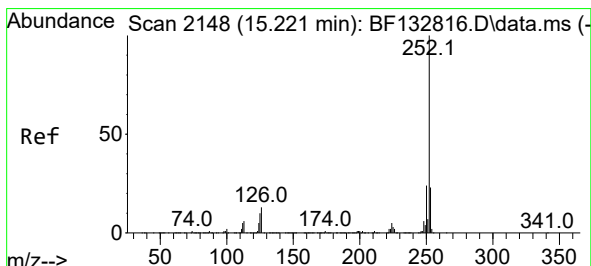
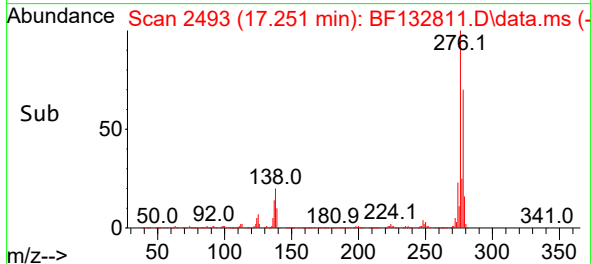
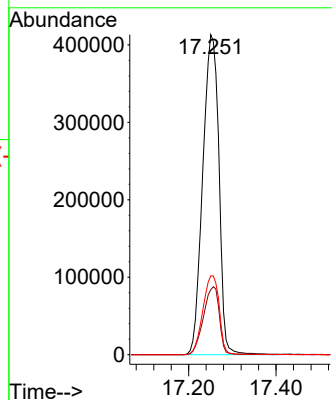
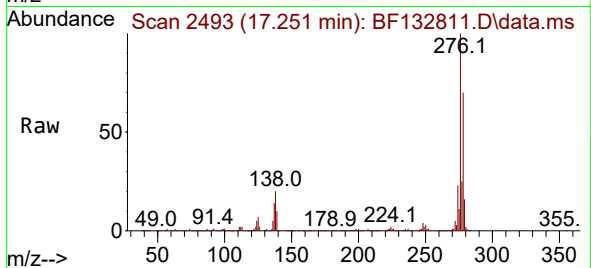




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.697 ng
 RT: 17.251 min Scan# 2494
 Delta R.T. -0.006 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

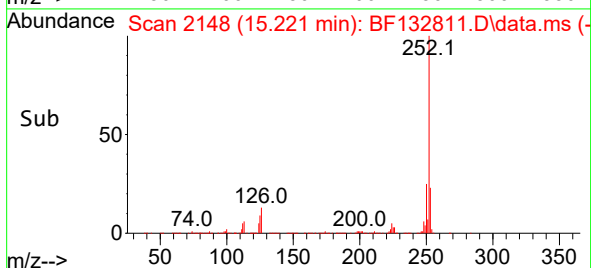
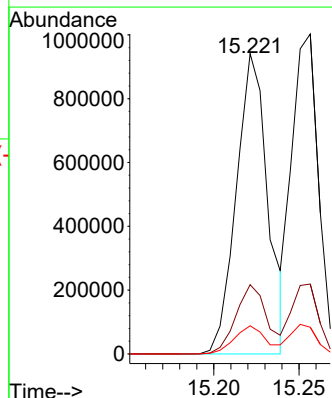
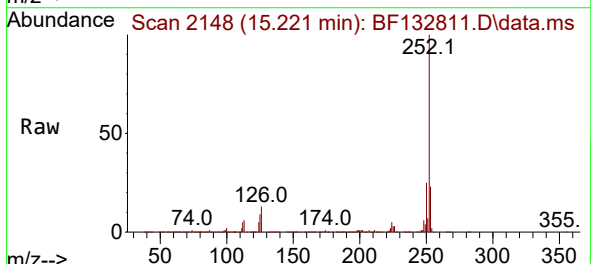
Instrument :
 BNA_F
 ClientSampleId :

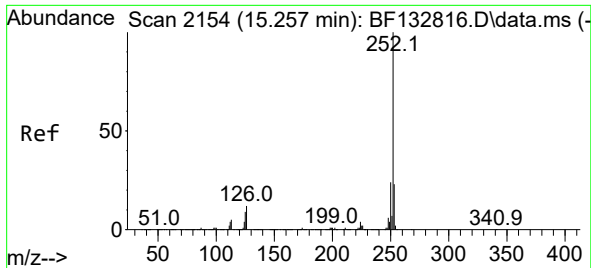
Tgt Ion:276 Resp: 1063939
 Ion Ratio Lower Upper
 276 100
 138 20.8 18.8 28.2
 277 24.9 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 49.811 ng
 RT: 15.221 min Scan# 2148
 Delta R.T. 0.000 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion:252 Resp: 1212655
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.4
 125 9.4 7.8 11.8

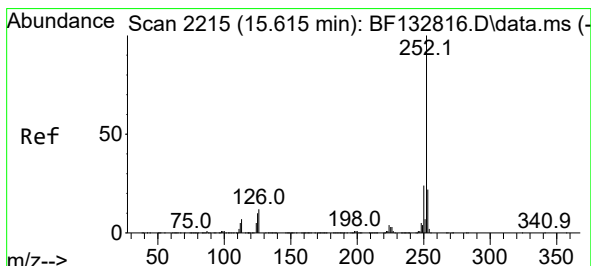
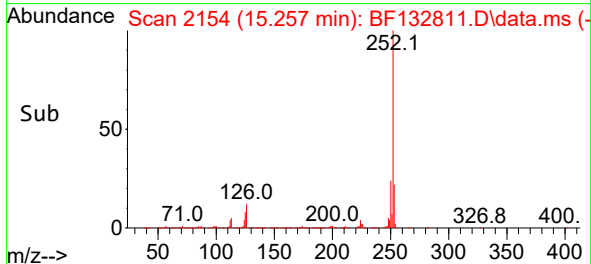
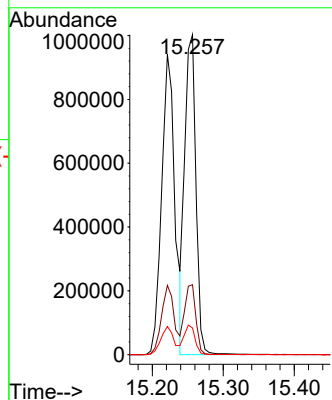
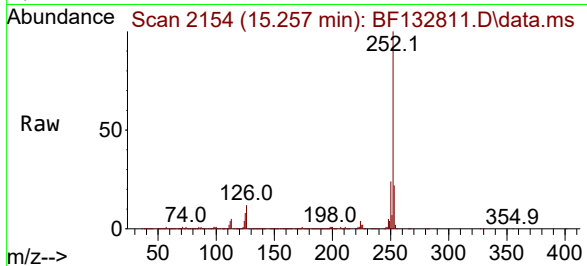




#89
Benzo(k)fluoranthene
Concen: 45.904 ng
RT: 15.257 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

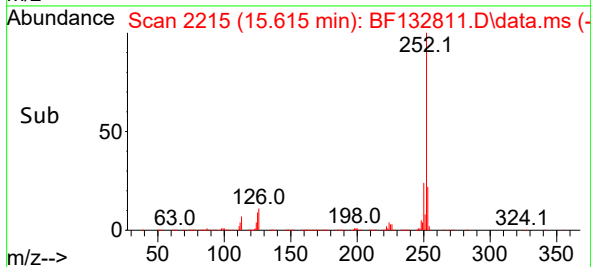
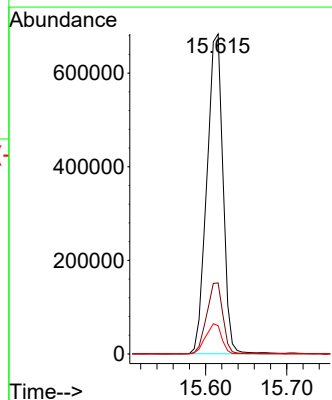
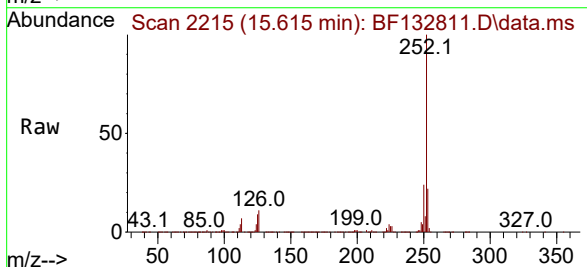
Instrument :
BNA_F
ClientSampleId :

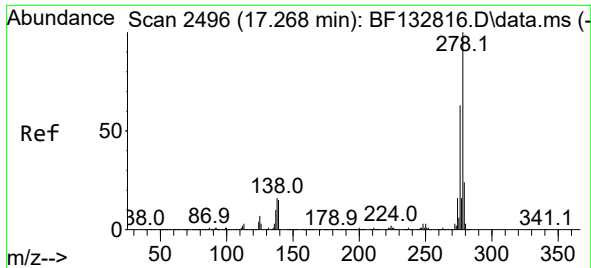
Tgt Ion:252 Resp: 1093711
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 8.4 7.2 10.8



#90
Benzo(a)pyrene
Concen: 41.274 ng
RT: 15.615 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF132811.D
Acq: 16 Mar 2023 13:30

Tgt Ion:252 Resp: 940411
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.9 7.7 11.5

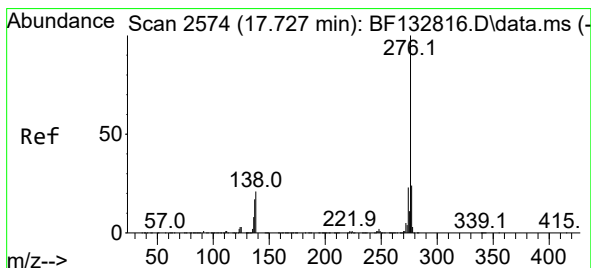
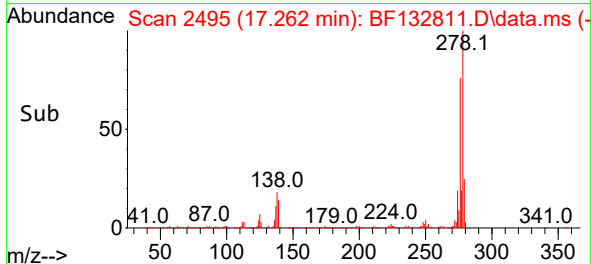
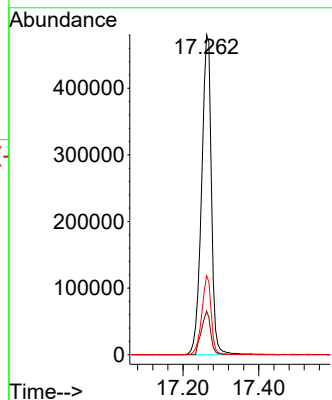
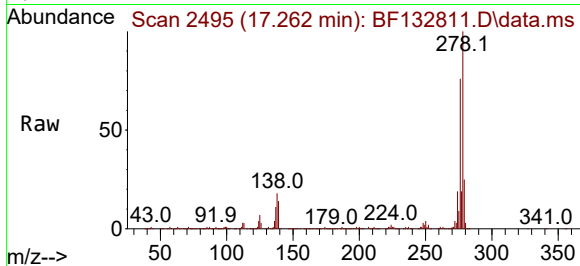




#91
 Dibenzo(a,h)anthracene
 Concen: 44.868 ng
 RT: 17.262 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 870173
 Ion Ratio Lower Upper
 278 100
 139 13.6 11.8 17.8
 279 24.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 45.708 ng
 RT: 17.733 min Scan# 2575
 Delta R.T. 0.006 min
 Lab File: BF132811.D
 Acq: 16 Mar 2023 13:30

Tgt Ion:276 Resp: 923178
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.0 28.6
 138 18.1 16.8 25.2

