

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133409.D
 Acq On : 17 May 2023 12:28
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 12:57:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	248809	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	970985	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	493120	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	869761	20.000	ng	0.00
76) Chrysene-d12	13.880	240	519229	20.000	ng	0.00
86) Perylene-d12	15.298	264	514355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1248708	75.814	ng	0.00
7) Phenol-d6	6.369	99	1505377	73.635	ng	0.00
23) Nitrobenzene-d5	7.287	82	1332982	74.100	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	376938	76.007	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	2218748	75.275	ng	0.00
79) Terphenyl-d14	12.827	244	2326380	77.273	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.363	88	287548	37.638	ng	95
3) Pyridine	3.057	79	768799	37.888	ng	93
4) n-Nitrosodimethylamine	3.022	42	341788	32.520	ng	88
6) Aniline	6.381	93	938461	35.641	ng	# 42
8) 2-Chlorophenol	6.504	128	644775	38.556	ng	96
9) Benzaldehyde	6.263	77	380076	40.465	ng	99
10) Phenol	6.381	94	790613	35.056	ng	# 65
11) bis(2-Chloroethyl)ether	6.457	93	623086	36.817	ng	98
12) 1,3-Dichlorobenzene	6.657	146	673311	37.869	ng	98
13) 1,4-Dichlorobenzene	6.734	146	677906	38.043	ng	99
14) 1,2-Dichlorobenzene	6.887	146	631679	38.451	ng	97
15) Benzyl Alcohol	6.869	79	497556	35.233	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	960690	32.682	ng	90
17) 2-Methylphenol	6.987	107	570618	37.263	ng	97
18) Hexachloroethane	7.228	117	236096	38.110	ng	98
19) n-Nitroso-di-n-propyla...	7.140	70	413036	32.453	ng	94
20) 3+4-Methylphenols	7.140	107	694706	38.523	ng	# 78
22) Acetophenone	7.134	105	844309	37.537	ng	95
24) Nitrobenzene	7.304	77	679535	37.278	ng	99
25) Isophorone	7.545	82	1243901	36.420	ng	99
26) 2-Nitrophenol	7.622	139	361685	41.137	ng	94
27) 2,4-Dimethylphenol	7.669	122	567611	37.649	ng	97
28) bis(2-Chloroethoxy)met...	7.757	93	754511	37.342	ng	99
29) 2,4-Dichlorophenol	7.869	162	537643	39.174	ng	97
30) 1,2,4-Trichlorobenzene	7.945	180	551519	38.789	ng	99
31) Naphthalene	8.028	128	1835343	37.806	ng	99
32) Benzoic acid	7.804	122	318864	34.241	ng	95
33) 4-Chloroaniline	8.081	127	796385	40.602	ng	97
34) Hexachlorobutadiene	8.140	225	301521	38.261	ng	99
35) Caprolactam	8.457	113	182925	39.675	ng	89
36) 4-Chloro-3-methylphenol	8.569	107	575034	38.853	ng	94
37) 2-Methylnaphthalene	8.716	142	1260392	37.975	ng	99
38) 1-Methylnaphthalene	8.816	142	1154080	37.170	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	509588	38.435	ng	99
41) Hexachlorocyclopentadiene	8.869	237	297181	38.433	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	351364	38.320	ng	98

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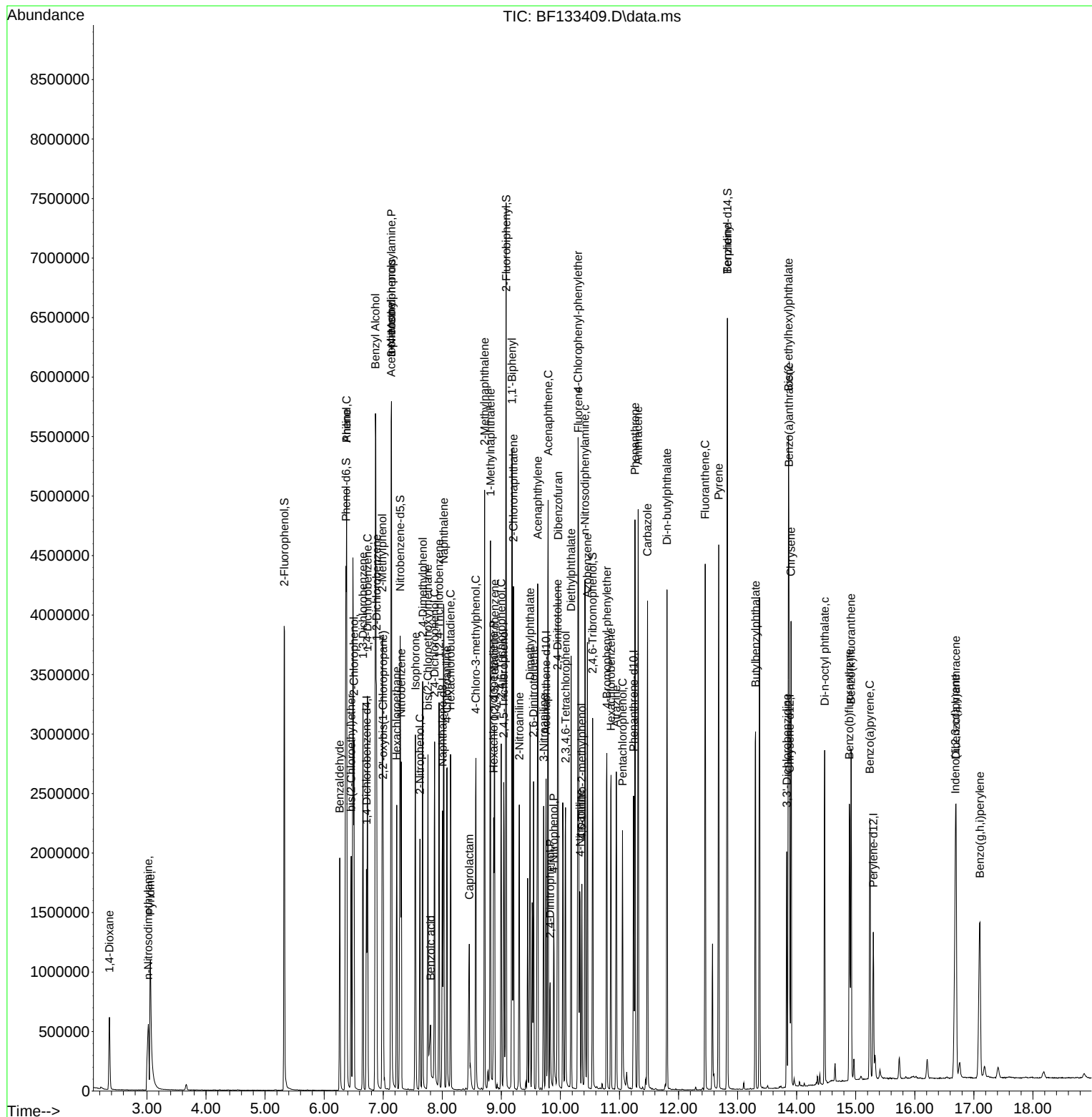
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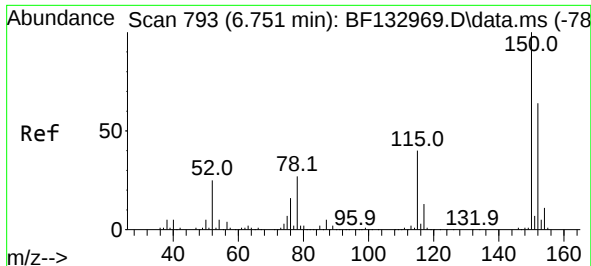
Quant Time: May 17 12:57:17 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	410358	38.697	ng	99
46) 1,1'-Biphenyl	9.181	154	1475955	37.746	ng	99
47) 2-Chloronaphthalene	9.204	162	1093638	38.212	ng	98
48) 2-Nitroaniline	9.304	65	357825	37.830	ng	99
49) Acenaphthylene	9.616	152	1721831	37.651	ng	99
50) Dimethylphthalate	9.486	163	1328691	38.642	ng	99
51) 2,6-Dinitrotoluene	9.545	165	306344	39.584	ng	94
52) Acenaphthene	9.792	154	1062865	34.702	ng	99
53) 3-Nitroaniline	9.716	138	363552	39.509	ng	100
54) 2,4-Dinitrophenol	9.828	184	148759	38.241	ng	91
55) Dibenzofuran	9.963	168	1543139	36.935	ng	100
56) 4-Nitrophenol	9.886	139	264329	37.088	ng	89
57) 2,4-Dinitrotoluene	9.951	165	384561	38.965	ng	95
58) Fluorene	10.304	166	1163961	38.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	306892	37.329	ng	97
60) Diethylphthalate	10.181	149	1230564	37.889	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	563394	37.769	ng	99
62) 4-Nitroaniline	10.333	138	357619	42.285	ng	93
63) Azobenzene	10.457	77	1217760	35.395	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	219404	41.618	ng	90
66) n-Nitrosodiphenylamine	10.416	169	1054929	37.392	ng	98
67) 4-Bromophenyl-phenylether	10.786	248	356645	37.808	ng	97
68) Hexachlorobenzene	10.857	284	369382	38.215	ng	97
69) Atrazine	10.945	200	324449	39.911	ng	99
70) Pentachlorophenol	11.051	266	270241	39.256	ng	96
71) Phenanthrene	11.263	178	1724770	36.896	ng	99
72) Anthracene	11.316	178	1779129	37.189	ng	99
73) Carbazole	11.475	167	1586599	37.245	ng	99
74) Di-n-butylphthalate	11.804	149	1927044	39.974	ng	99
75) Fluoranthene	12.451	202	1743945	37.172	ng	99
77) Benzidine	12.827	184	27172	3.095	ng	95
78) Pyrene	12.680	202	1758292	39.503	ng	99
80) Butylbenzylphthalate	13.304	149	749653	47.567	ng	98
81) Benzo(a)anthracene	13.869	228	1279602	35.837	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	402235	40.779	ng	100
83) Chrysene	13.904	228	1312182	36.759	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	856759	43.311	ng	99
85) Di-n-octyl phthalate	14.474	149	1319051	40.895	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1206309	41.231	ng	99
88) Benzo(b)fluoranthene	14.892	252	1146602	35.040	ng	97
89) Benzo(k)fluoranthene	14.921	252	1017566	31.370	ng	98
90) Benzo(a)pyrene	15.239	252	1039110	34.888	ng	99
91) Dibenzo(a,h)anthracene	16.698	278	997479	40.877	ng	99
92) Benzo(g,h,i)perylene	17.104	276	1029792	42.746	ng	97

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

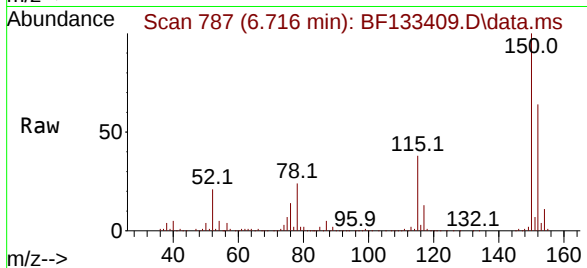
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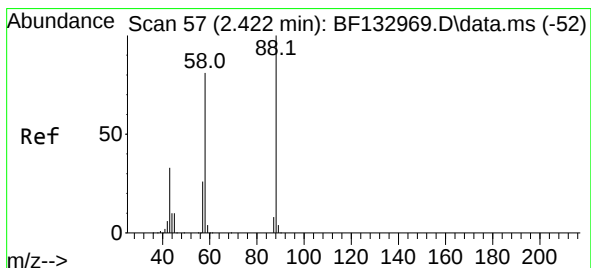
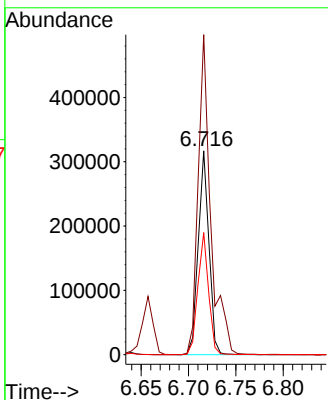
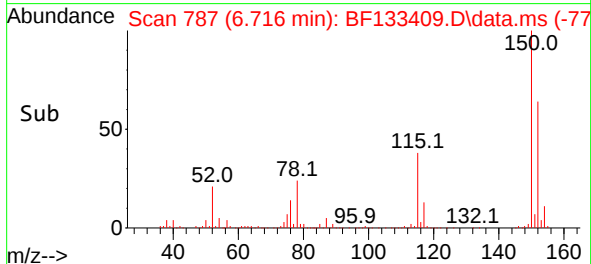


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.716 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

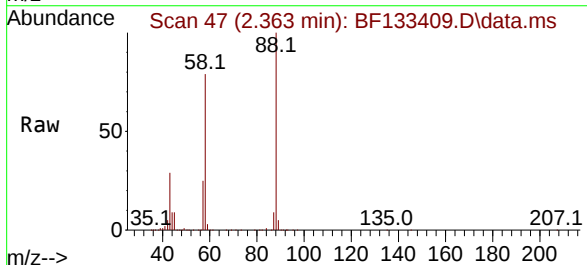
Instrument :
 BNA_F
 ClientSampleId :



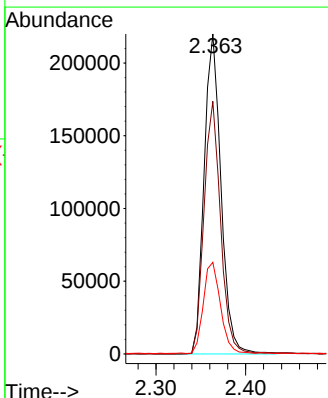
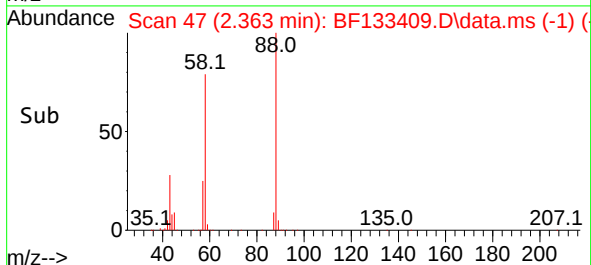
Tgt Ion:152 Resp: 248809
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.8 187.2
 115 59.9 49.9 74.9

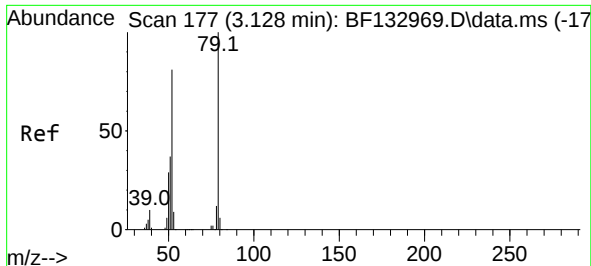


#2
 1,4-Dioxane
 Concen: 37.638 ng
 RT: 2.363 min Scan# 47
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28



Tgt Ion: 88 Resp: 287548
 Ion Ratio Lower Upper
 88 100
 58 77.3 64.7 97.1
 43 28.7 26.2 39.2

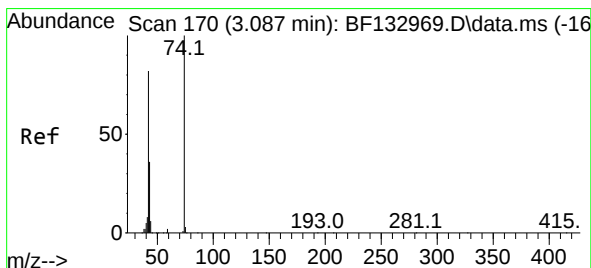
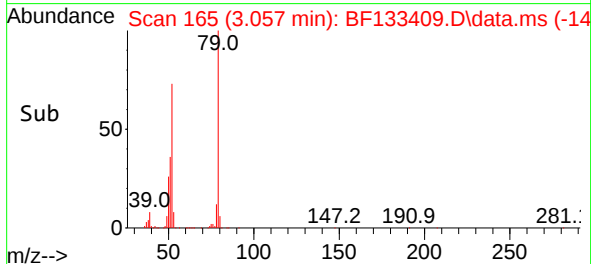
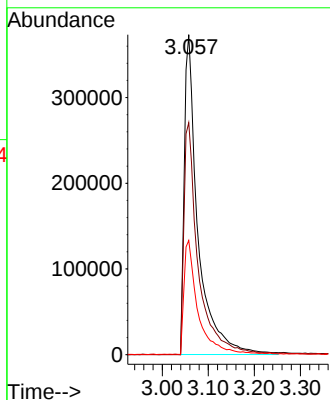
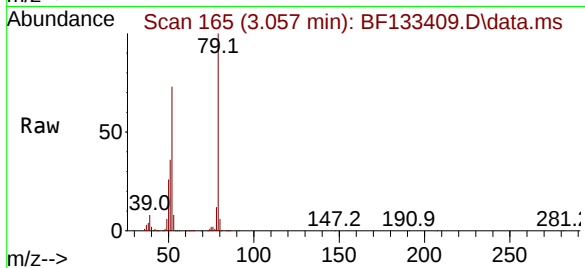




#3
Pyridine
Concen: 37.888 ng
RT: 3.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

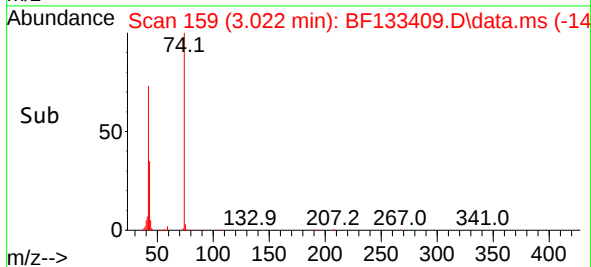
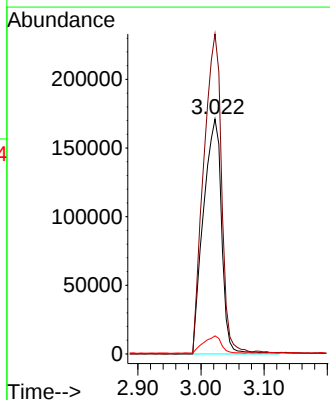
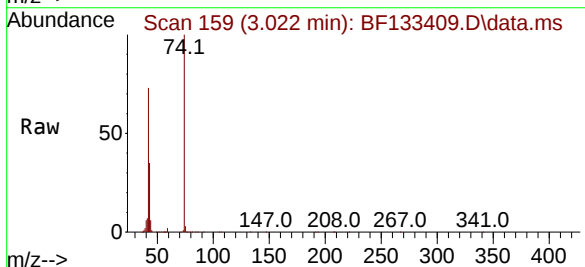
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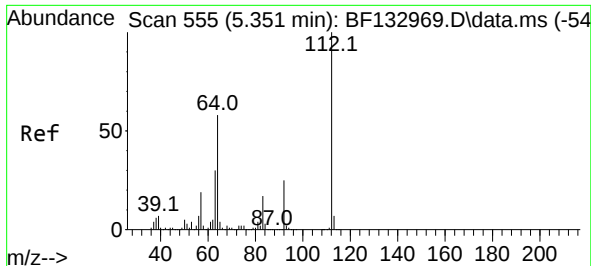
Tgt Ion: 79 Resp: 768799
Ion Ratio Lower Upper
79 100
52 72.5 64.6 96.8
51 35.7 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 32.520 ng
RT: 3.022 min Scan# 159
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion: 42 Resp: 341788
Ion Ratio Lower Upper
42 100
74 136.3 98.0 147.0
44 7.7 5.8 8.8

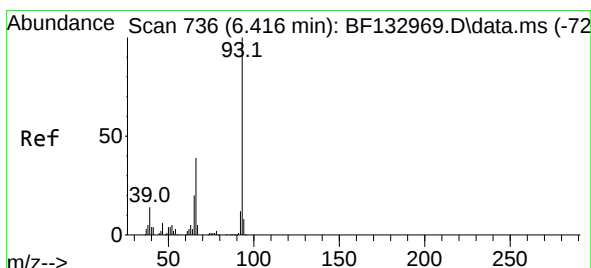
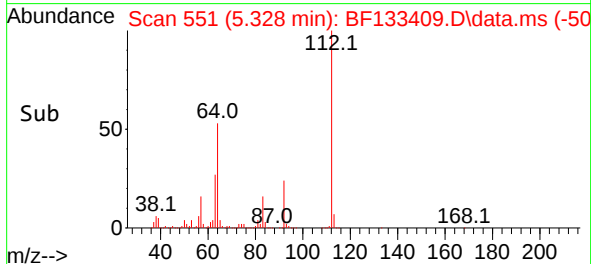
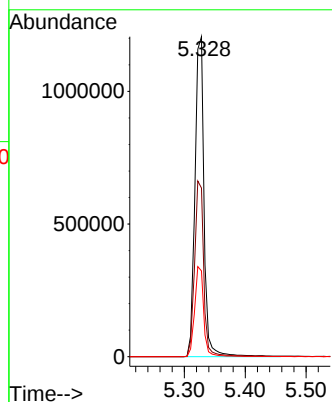
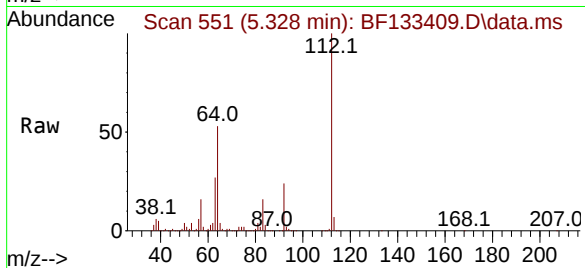




#5
2-Fluorophenol
Concen: 75.814 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

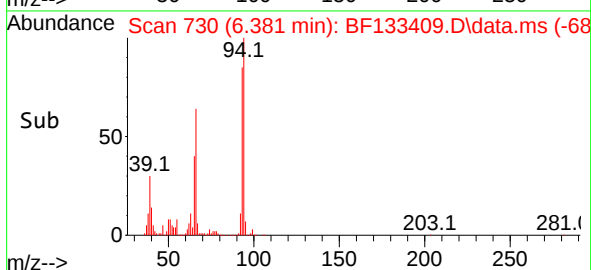
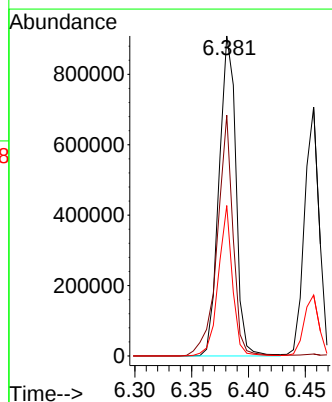
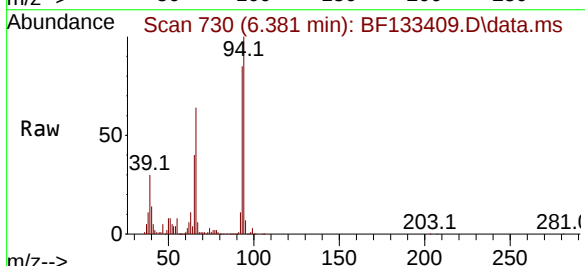
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BNA_F
ClientSampleId :

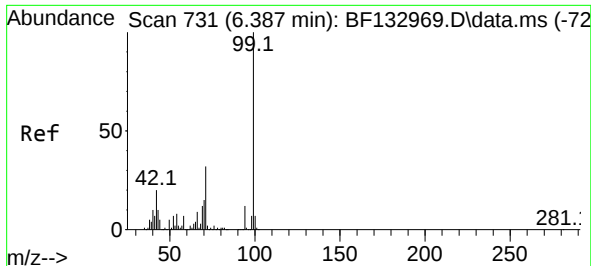
Tgt Ion:112 Resp: 1248708
Ion Ratio Lower Upper
112 100
64 52.7 46.8 70.2
63 26.8 23.8 35.8



#6
Aniline
Concen: 35.641 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion: 93 Resp: 938461
Ion Ratio Lower Upper
93 100
66 75.3 31.5 47.3#
65 47.0 16.4 24.6#





#7

Phenol-d6

Concen: 73.635 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

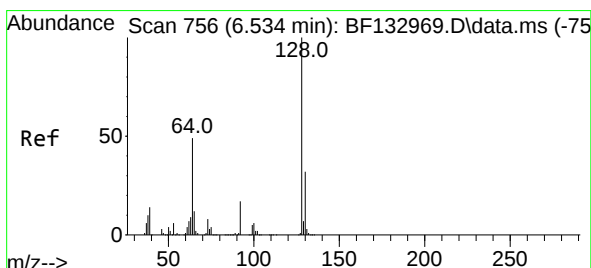
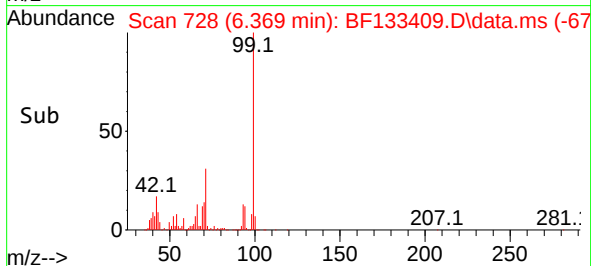
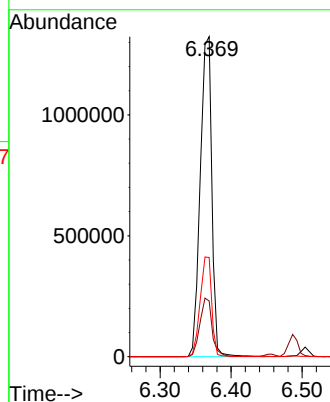
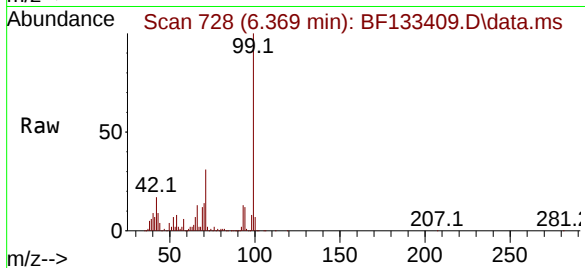
Tgt Ion: 99 Resp: 1505377

Ion Ratio Lower Upper

99 100

42 17.4 16.3 24.5

71 31.0 25.6 38.4



#8

2-Chlorophenol

Concen: 38.556 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

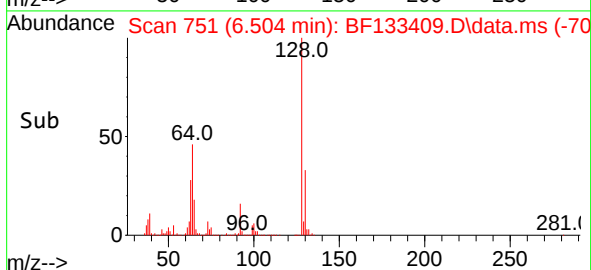
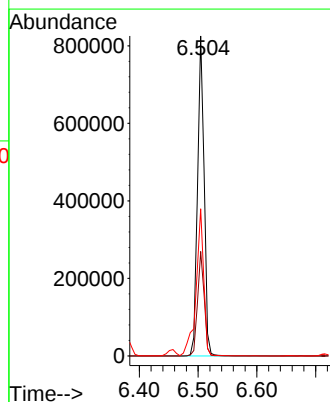
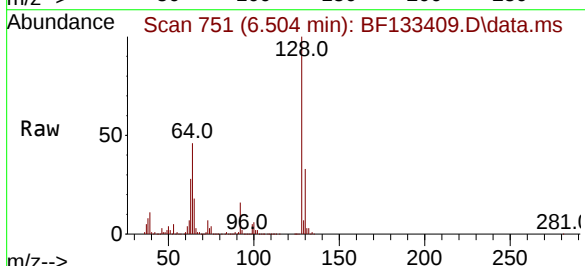
Tgt Ion:128 Resp: 644775

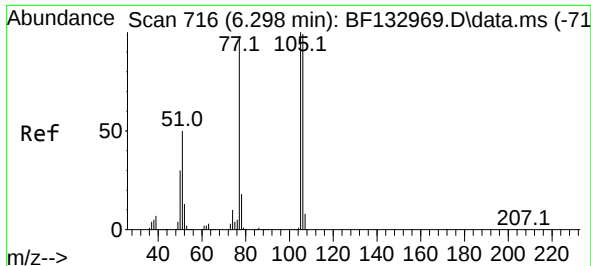
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 46.0 30.3 70.3

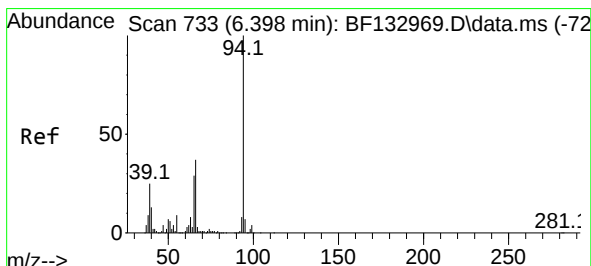
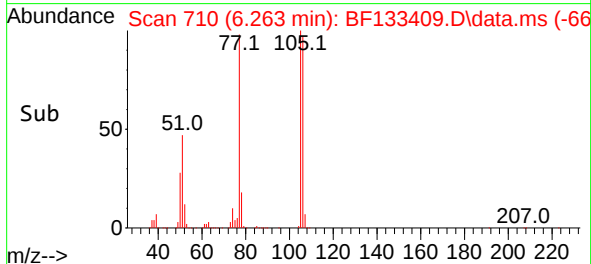
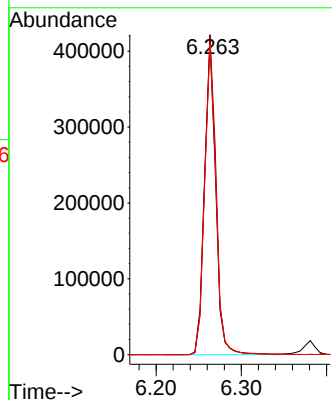
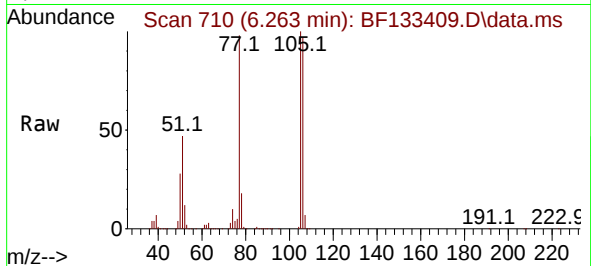




#9
Benzaldehyde
Concen: 40.465 ng
RT: 6.263 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

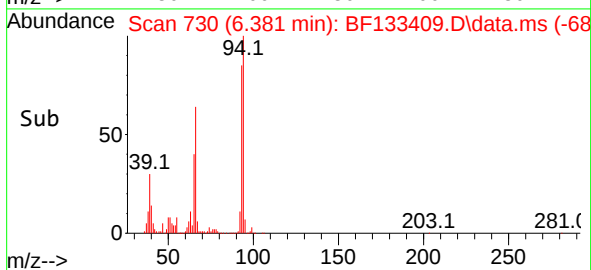
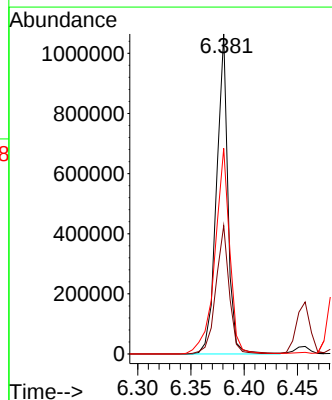
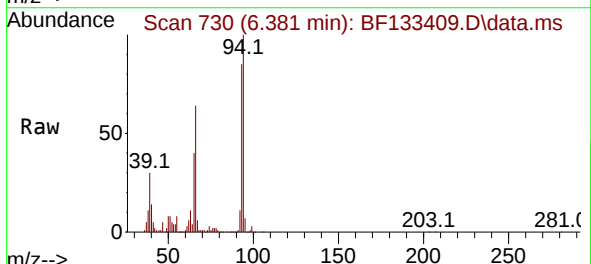
Instrument :
BNA_F
ClientSampleId :

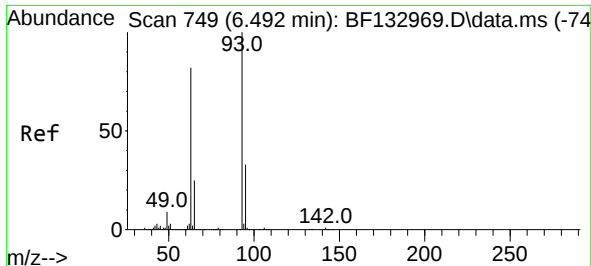
Tgt Ion: 77 Resp: 380076
Ion Ratio Lower Upper
77 100
105 101.6 82.3 122.3
106 98.6 80.8 120.8



#10
Phenol
Concen: 35.056 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion: 94 Resp: 790613
Ion Ratio Lower Upper
94 100
65 40.1 8.6 48.6
66 64.3 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 36.817 ng

RT: 6.457 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

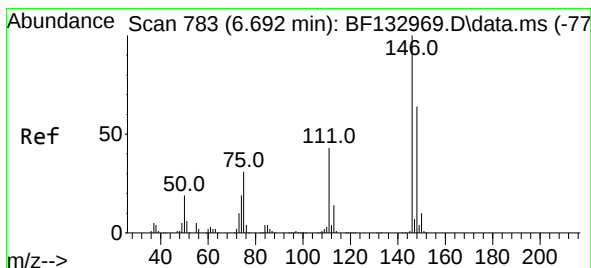
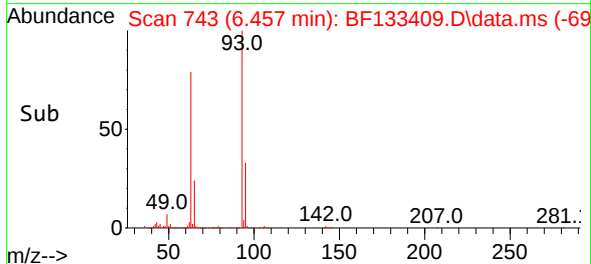
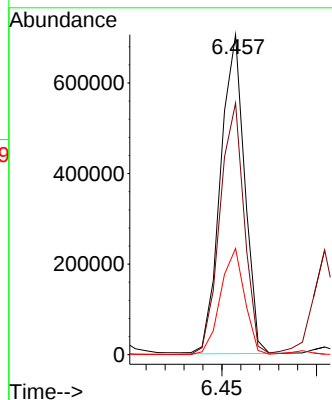
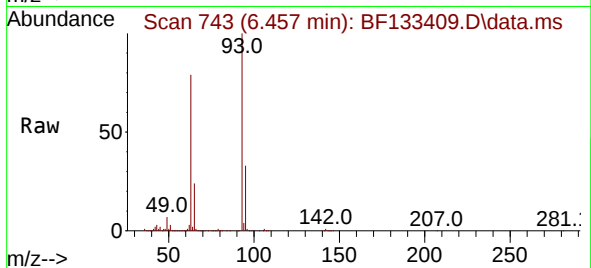
Tgt Ion: 93 Resp: 623086

Ion Ratio Lower Upper

93 100

63 78.6 60.6 100.6

95 33.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 37.869 ng

RT: 6.657 min Scan# 777

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

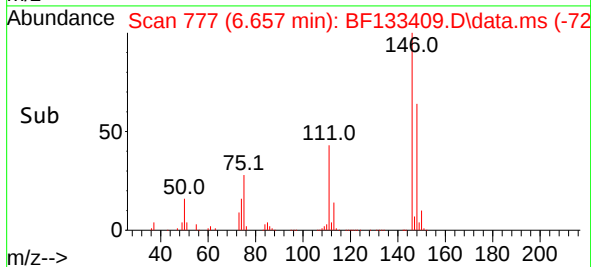
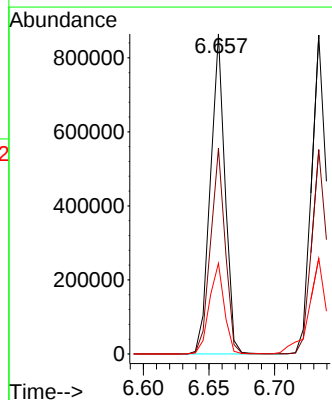
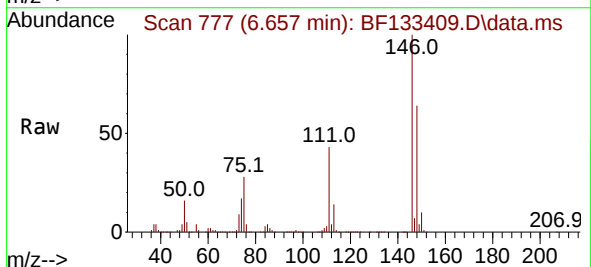
Tgt Ion:146 Resp: 673311

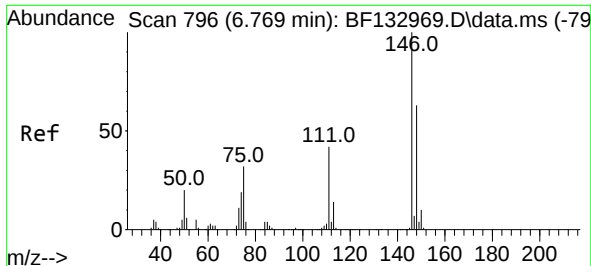
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.4

75 28.4 24.8 37.2

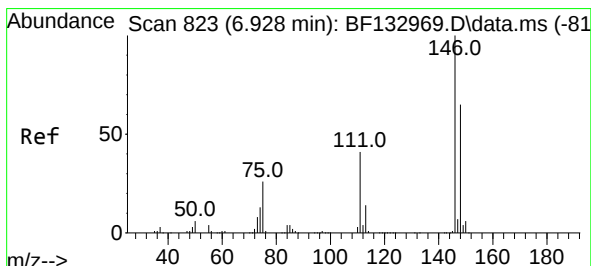
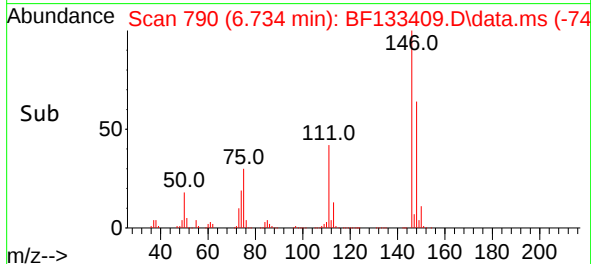
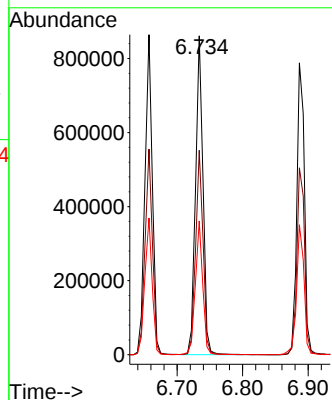
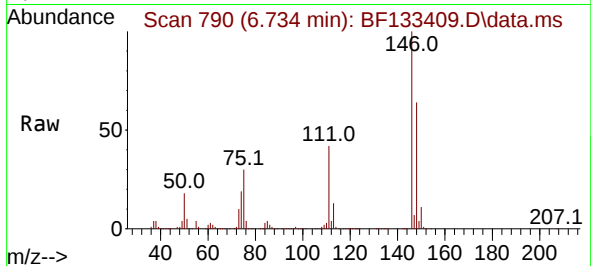




#13
1,4-Dichlorobenzene
Concen: 38.043 ng
RT: 6.734 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

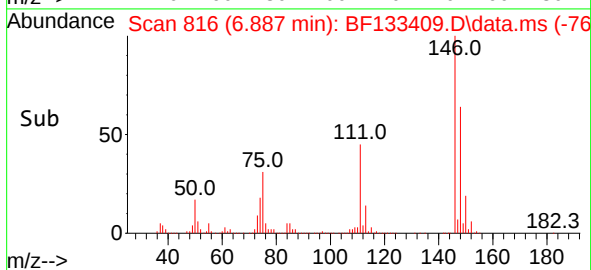
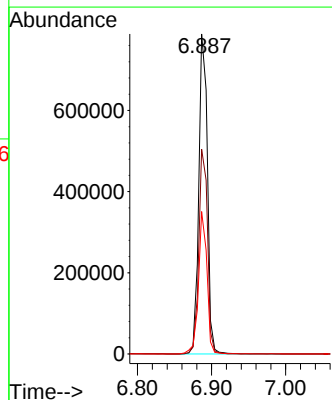
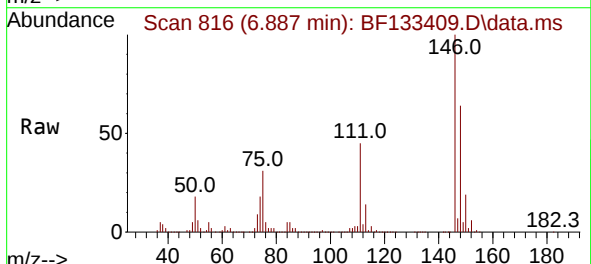
Instrument :
BNA_F
ClientSampleId :

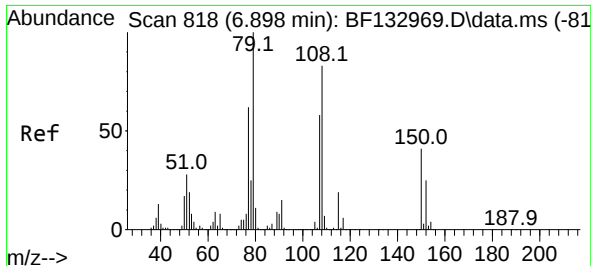
Tgt Ion:146 Resp: 677906
Ion Ratio Lower Upper
146 100
148 64.1 50.3 75.5
111 41.9 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 38.451 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:146 Resp: 631679
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.2
111 44.5 32.8 49.2

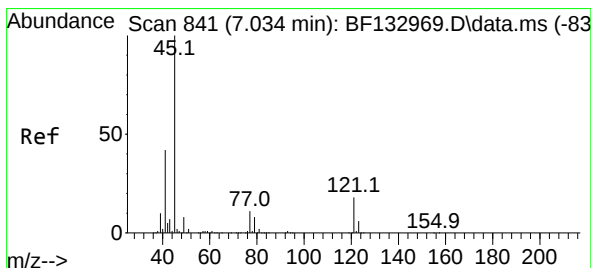
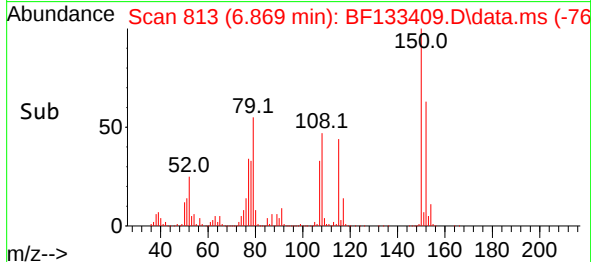
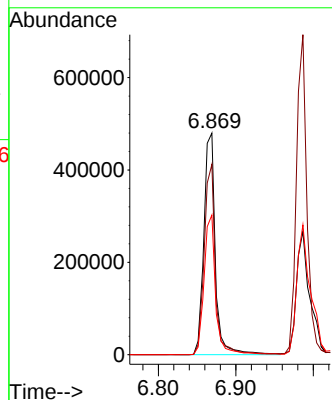
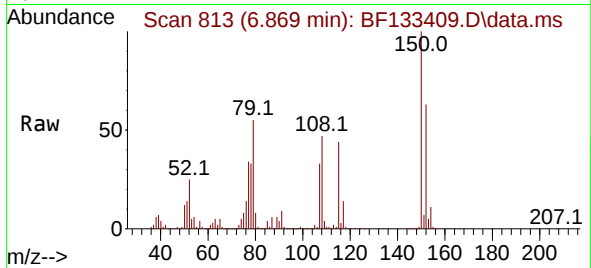




#15
Benzyl Alcohol
Concen: 35.233 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

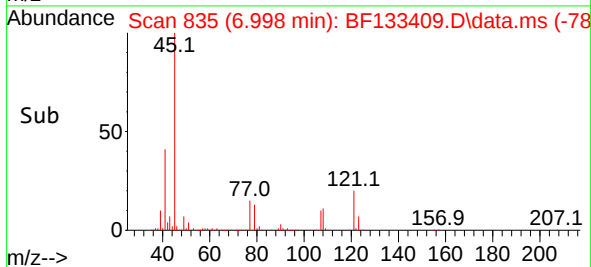
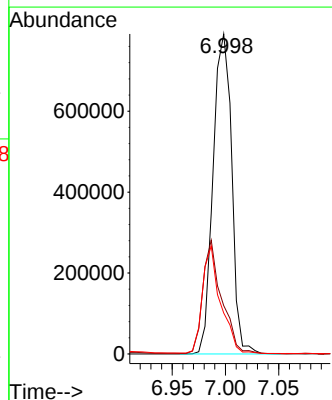
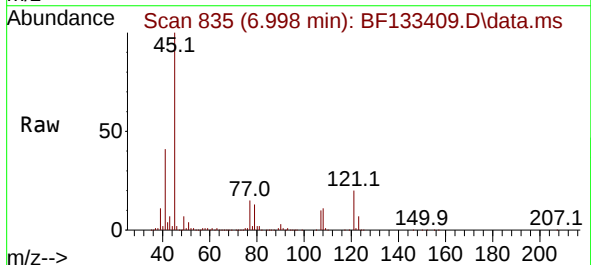
Instrument :
BNA_F
ClientSampleId :

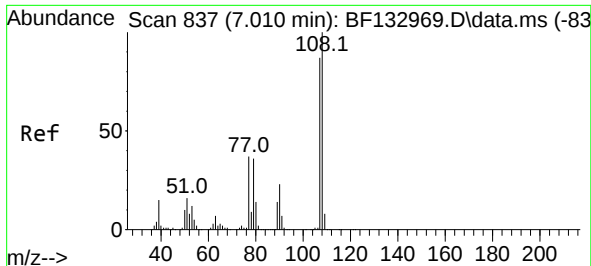
Tgt Ion: 79 Resp: 497556
Ion Ratio Lower Upper
79 100
108 85.8 66.6 99.8
77 63.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.682 ng
RT: 6.998 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

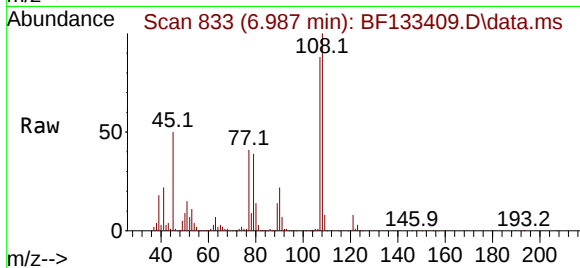
Tgt Ion: 45 Resp: 960690
Ion Ratio Lower Upper
45 100
77 15.1 0.0 31.5
79 12.8 0.0 28.7



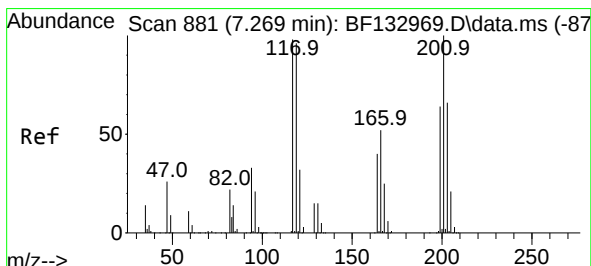
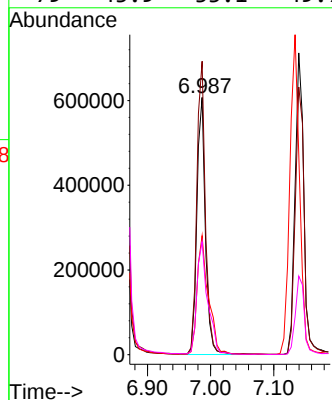
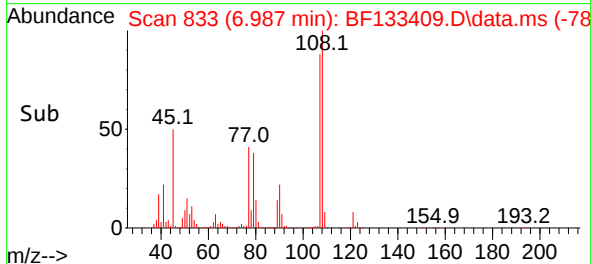


#17
2-Methylphenol
Concen: 37.263 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Instrument :
BNA_F
ClientSampleId :

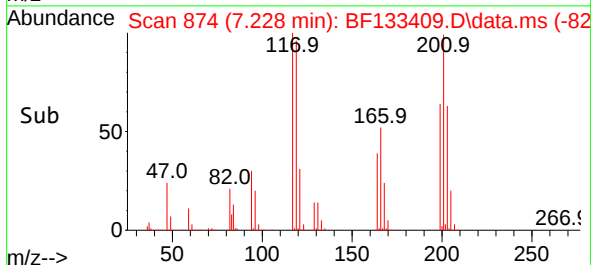
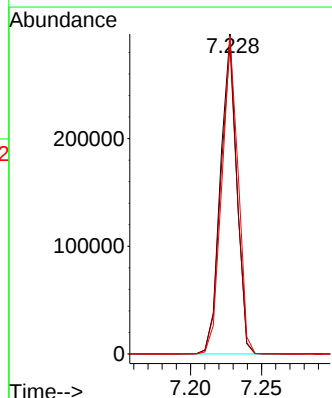
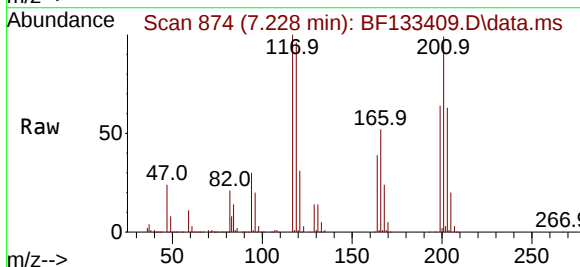


Tgt Ion:	107	Resp:	570618
Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.4	138.6
77	46.3	33.8	50.8
79	43.9	33.1	49.7



#18
Hexachloroethane
Concen: 38.110 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:	117	Resp:	236096
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.4
201	99.4	81.7	122.5

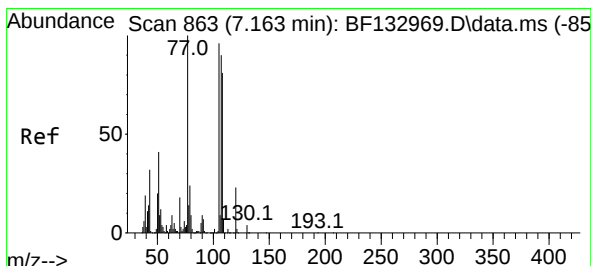
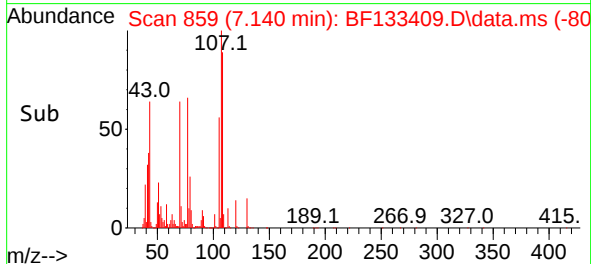
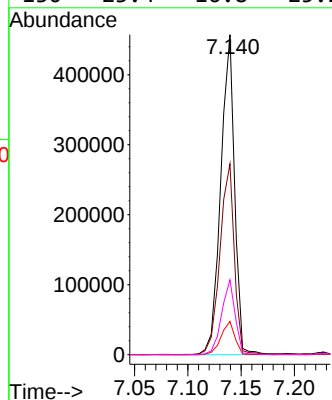
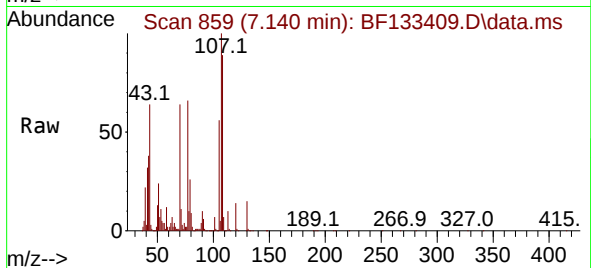




#19
n-Nitroso-di-n-propylamine
Concen: 32.453 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

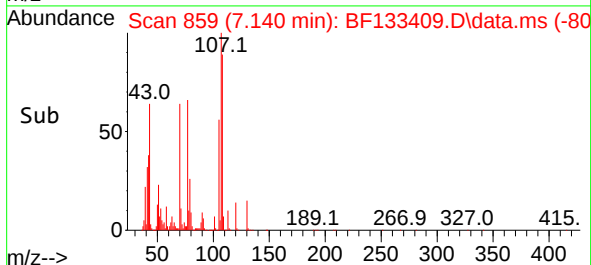
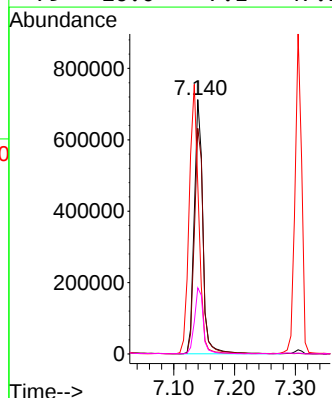
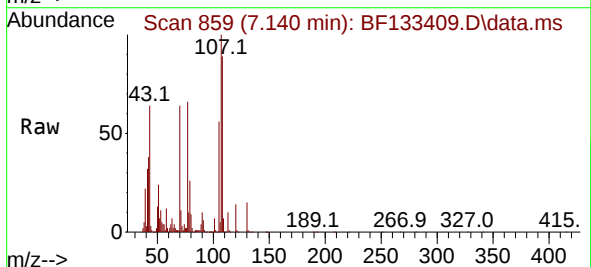
Instrument :
BNA_F
ClientSampleId :

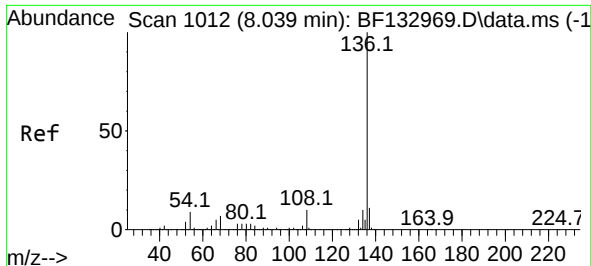
Tgt Ion: 70 Resp: 413036
Ion Ratio Lower Upper
70 100
42 59.7 51.8 77.6
101 10.4 8.0 12.0
130 23.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.523 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

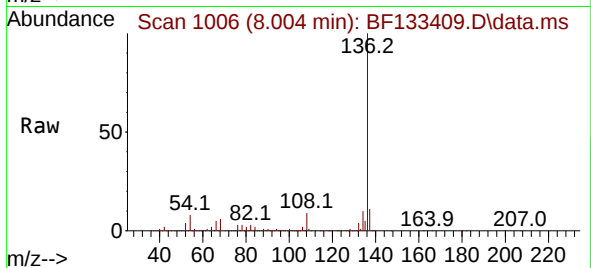
Tgt Ion: 107 Resp: 694706
Ion Ratio Lower Upper
107 100
108 88.7 70.5 110.5
77 66.4 91.7 131.7#
79 26.0 7.1 47.1



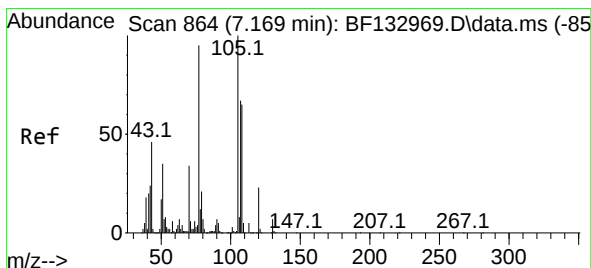
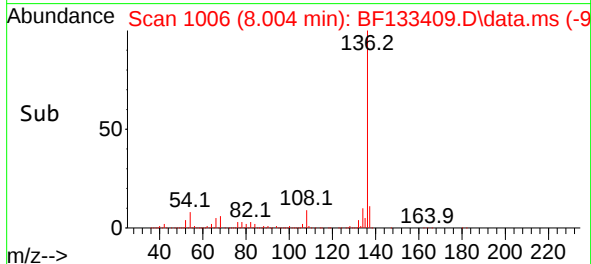
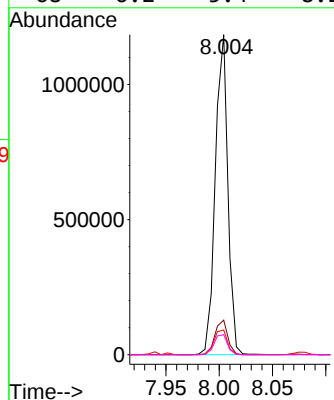


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Instrument :
BNA_F
ClientSampleId :

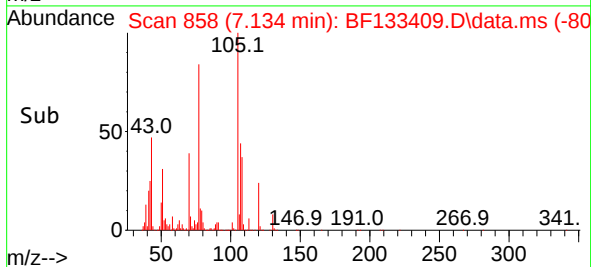
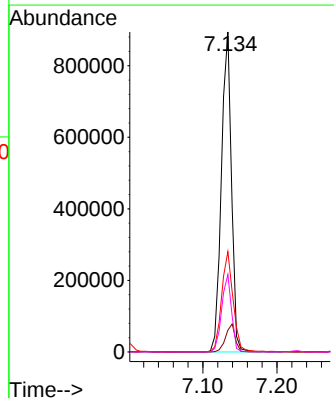
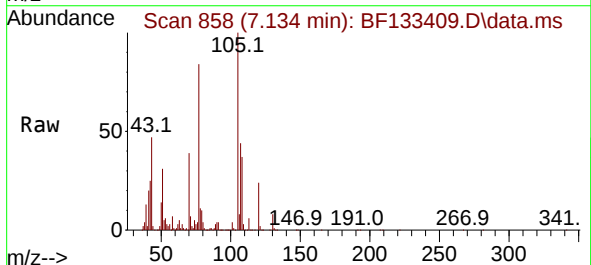


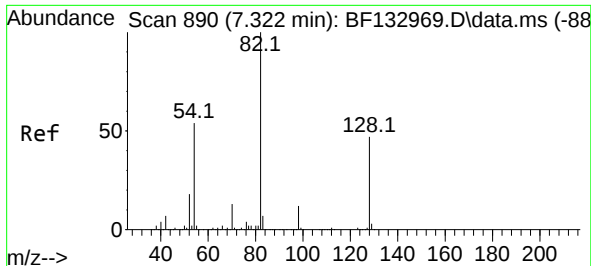
Tgt Ion:136 Resp: 970985
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.7 7.0 10.4
68 6.2 5.4 8.2



#22
Acetophenone
Concen: 37.537 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:105 Resp: 844309
Ion Ratio Lower Upper
105 100
71 6.8 4.6 7.0
51 31.4 28.2 42.2
120 24.2 18.4 27.6





#23

Nitrobenzene-d5

Concen: 74.100 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

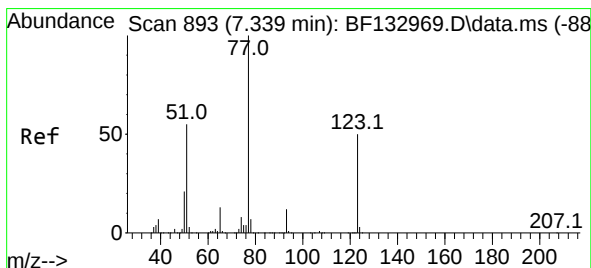
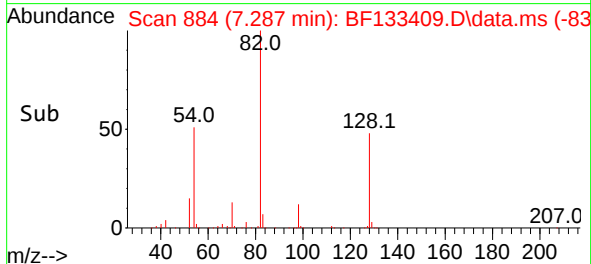
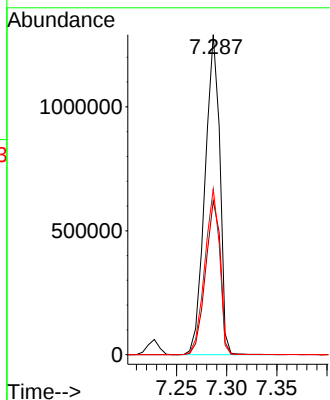
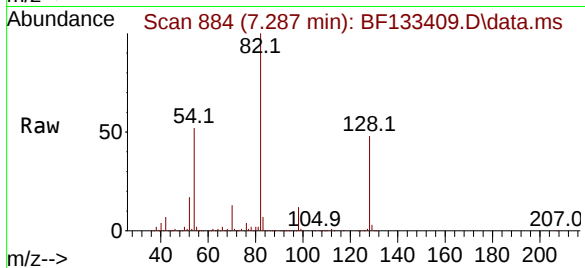
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1332982

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.7	56.5
54	51.8	43.0	64.4



#24

Nitrobenzene

Concen: 37.278 ng

RT: 7.304 min Scan# 887

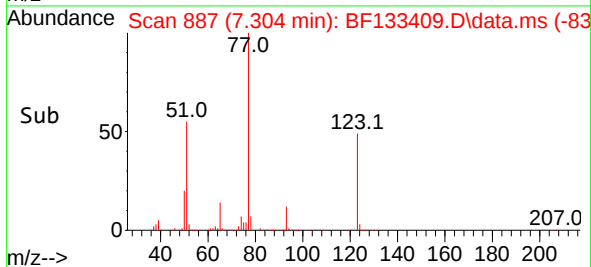
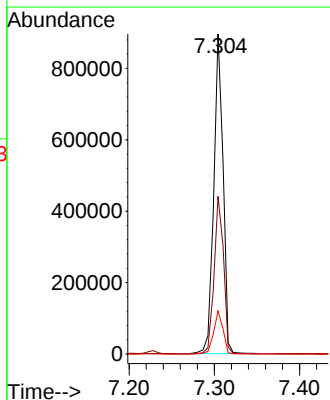
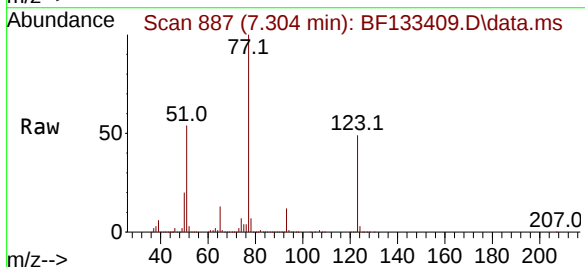
Delta R.T. -0.006 min

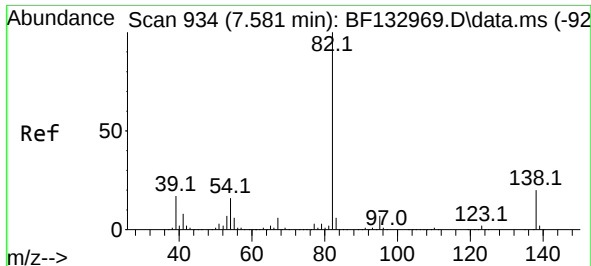
Lab File: BF133409.D

Acq: 17 May 2023 12:28

Tgt Ion: 77 Resp: 679535

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.9	59.9
65	13.4	10.7	16.1

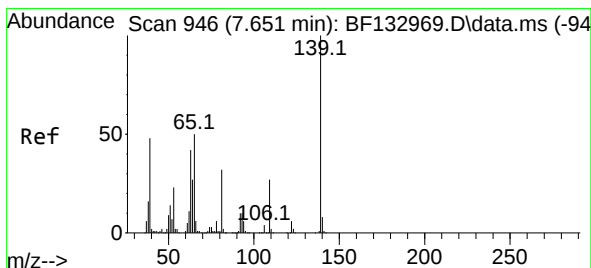
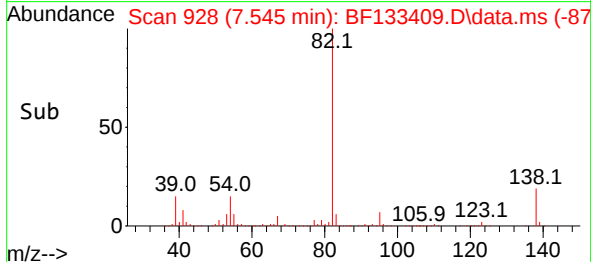
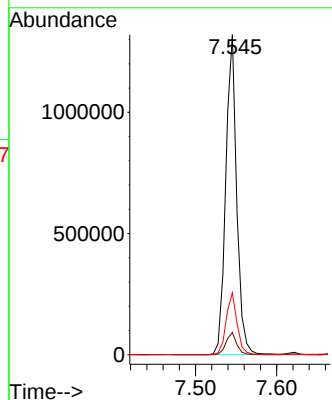
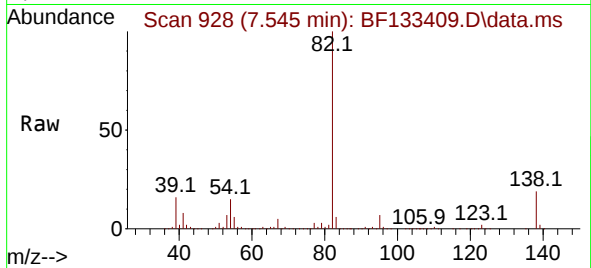




#25
Isophorone
Concen: 36.420 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

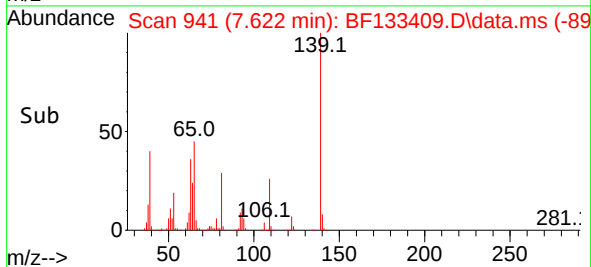
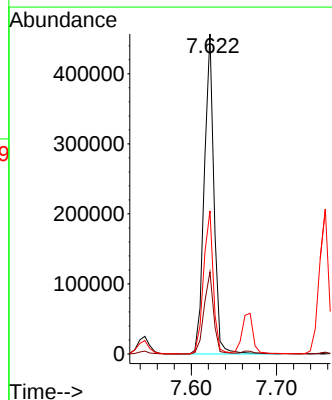
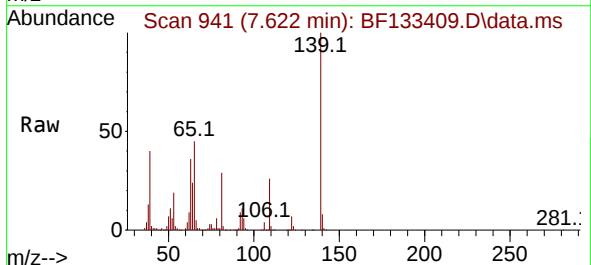
Instrument :
BNA_F
ClientSampleId :

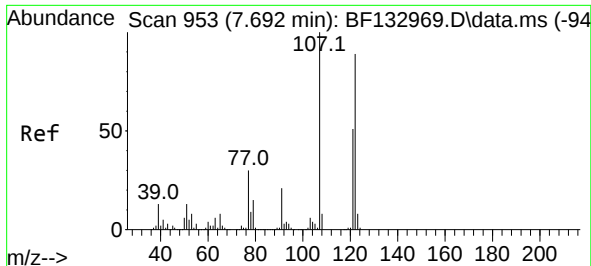
Tgt Ion: 82 Resp: 1243901
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 41.137 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion: 139 Resp: 361685
Ion Ratio Lower Upper
139 100
109 25.6 21.6 32.4
65 44.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 37.649 ng

RT: 7.669 min Scan# 94

Delta R.T. 0.000 min

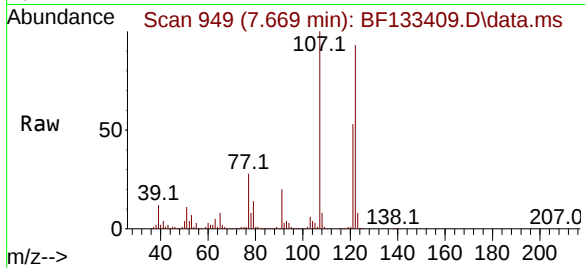
Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :



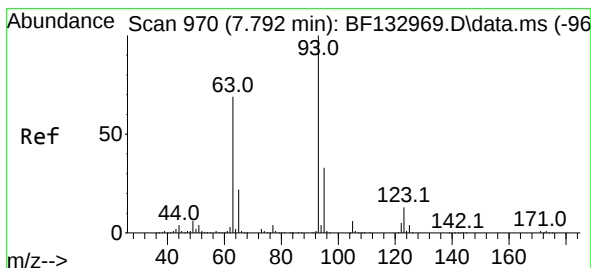
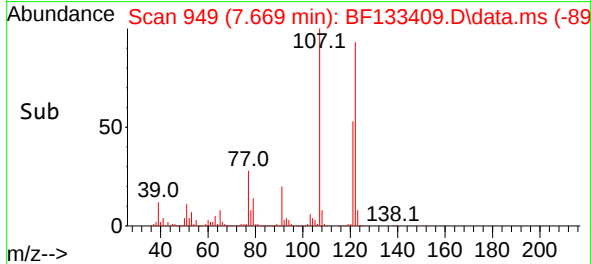
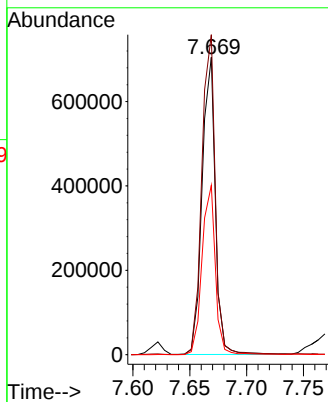
Tgt Ion:122 Resp: 567611

Ion Ratio Lower Upper

122 100

107 107.6 89.7 134.5

121 56.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.342 ng

RT: 7.757 min Scan# 964

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

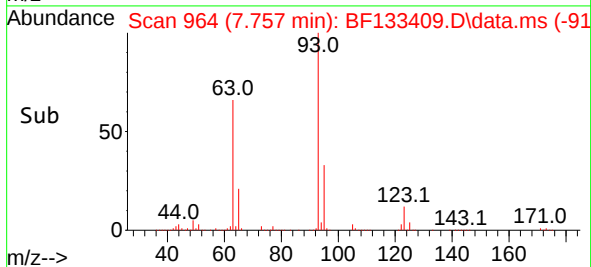
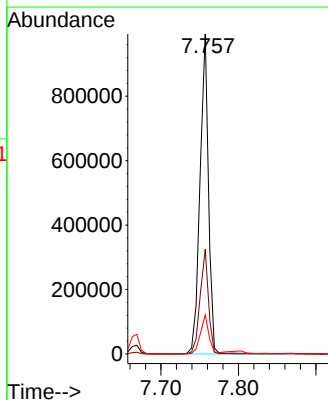
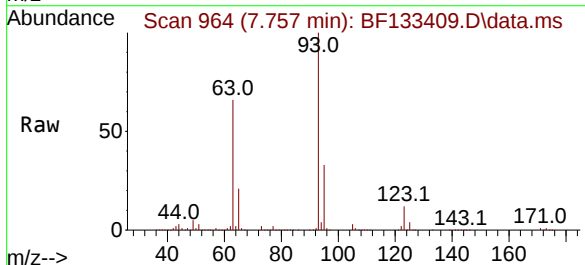
Tgt Ion: 93 Resp: 754511

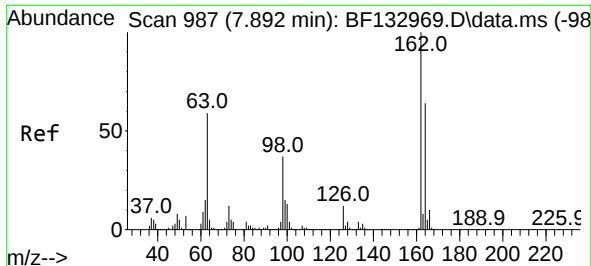
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.2 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 39.174 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

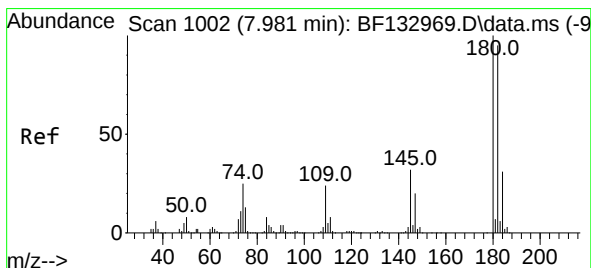
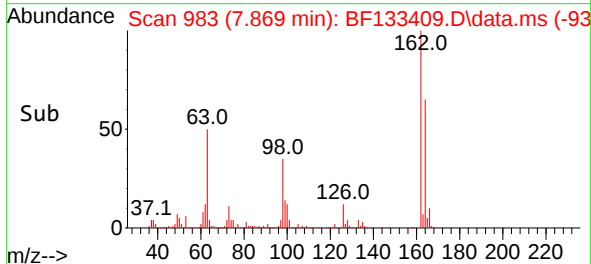
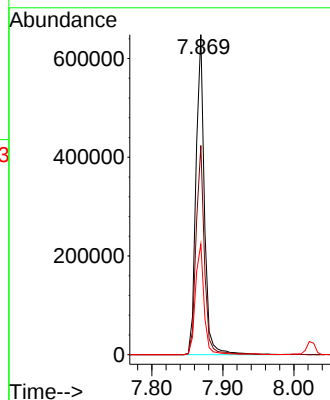
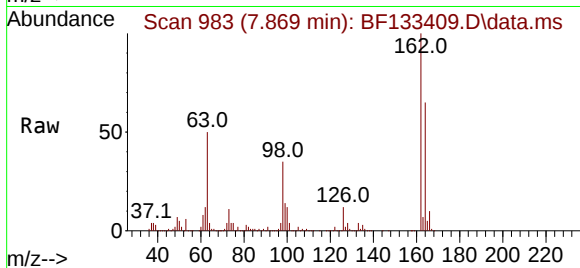
Tgt Ion:162 Resp: 537643

Ion Ratio Lower Upper

162 100

164 65.3 43.9 83.9

98 34.6 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 38.789 ng

RT: 7.945 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

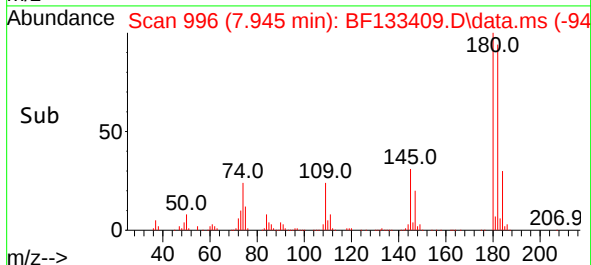
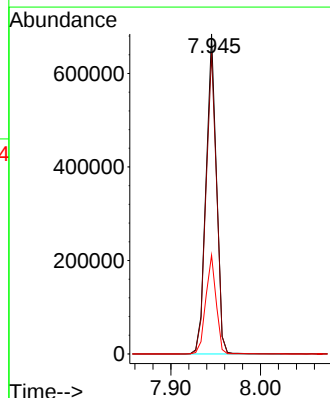
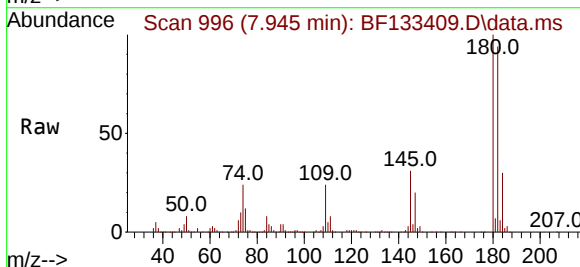
Tgt Ion:180 Resp: 551519

Ion Ratio Lower Upper

180 100

182 94.0 75.9 113.9

145 30.9 25.3 37.9

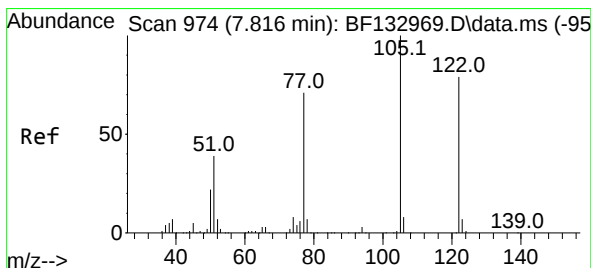
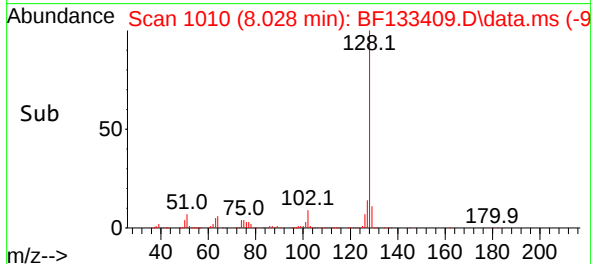
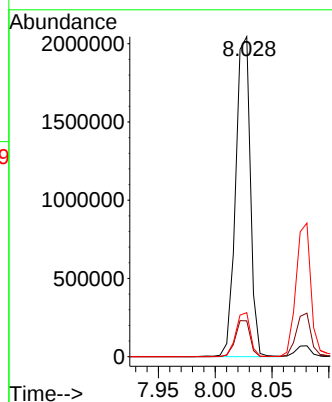
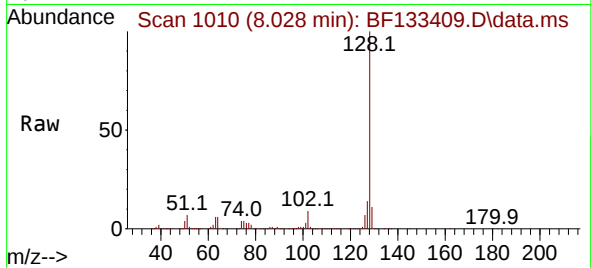




#31
Naphthalene
Concen: 37.806 ng
RT: 8.028 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

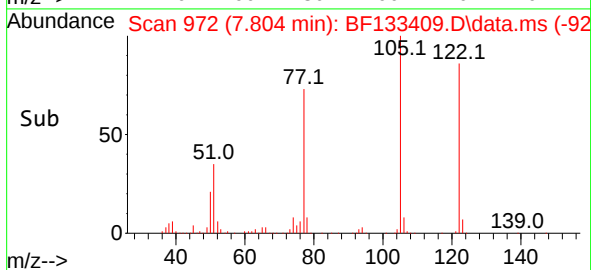
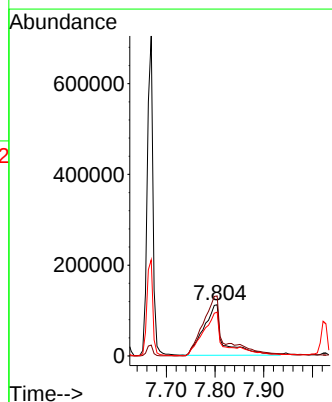
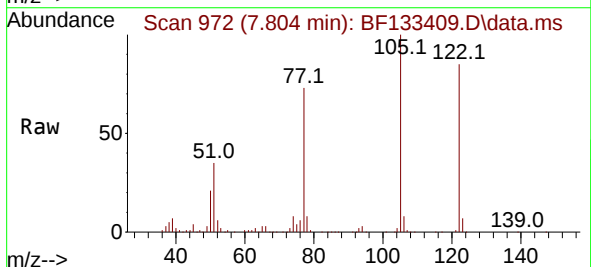
Instrument :
BNA_F
ClientSampleId :

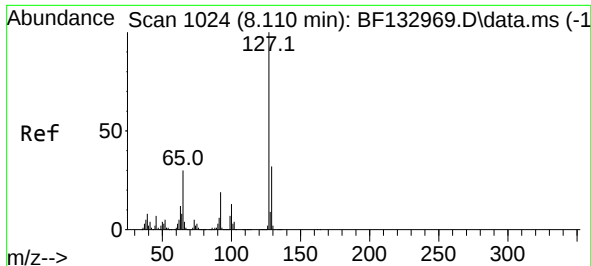
Tgt Ion:128 Resp: 1835343
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 34.241 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:122 Resp: 318864
Ion Ratio Lower Upper
122 100
105 117.1 104.2 144.2
77 85.6 69.7 109.7





#33

4-Chloroaniline

Concen: 40.602 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 796385

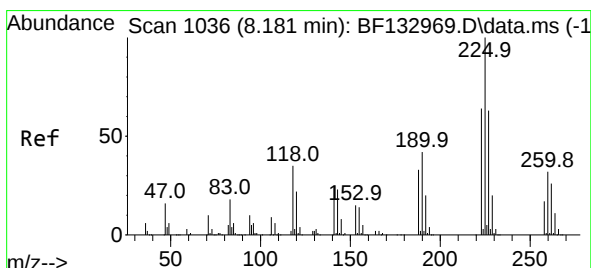
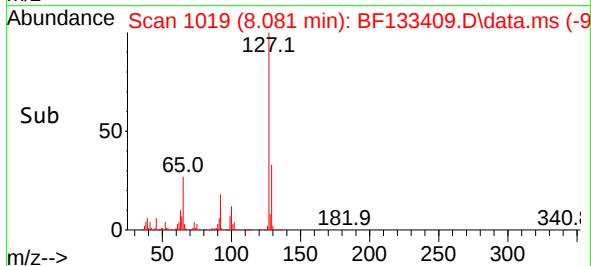
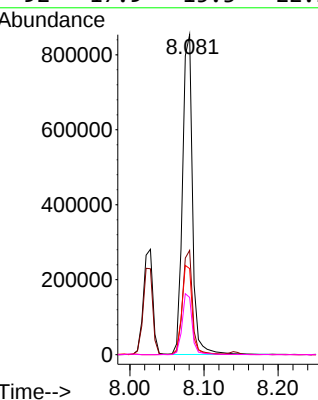
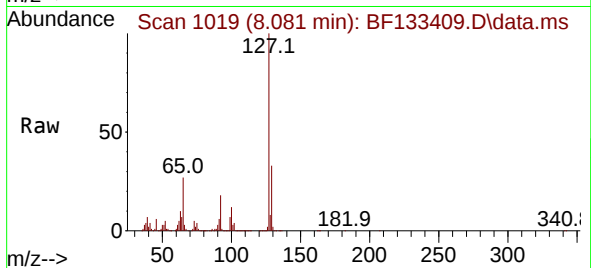
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.8

65 26.9 23.6 35.4

92 17.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 38.261 ng

RT: 8.140 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

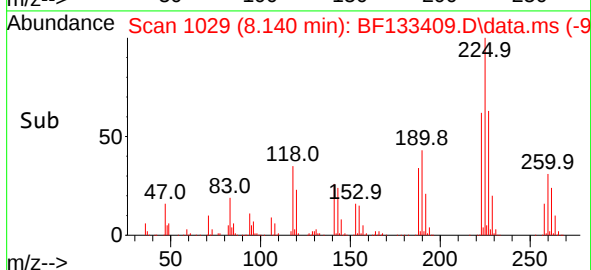
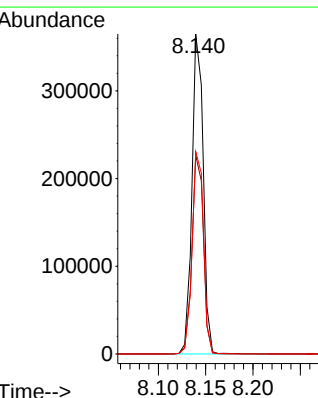
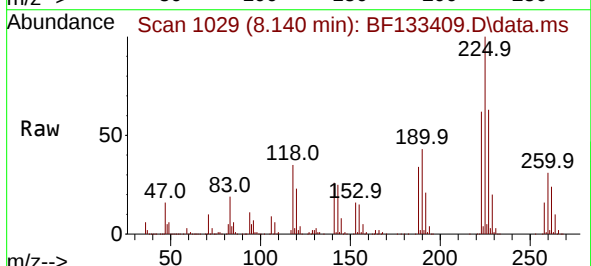
Tgt Ion:225 Resp: 301521

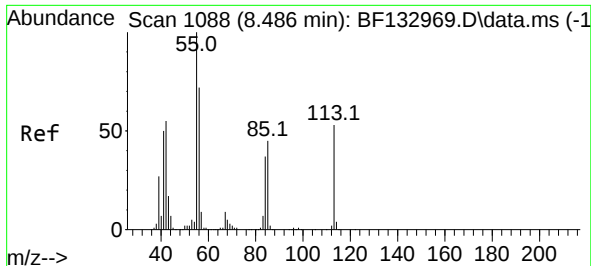
Ion Ratio Lower Upper

225 100

223 62.0 50.9 76.3

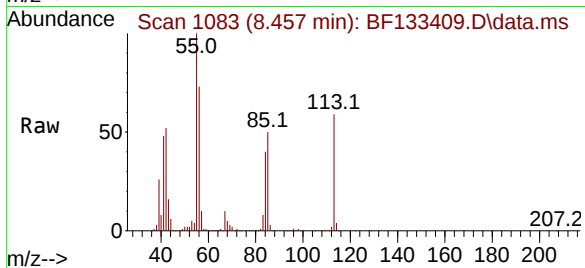
227 63.3 50.3 75.5



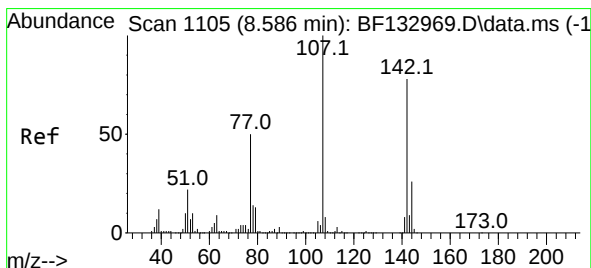
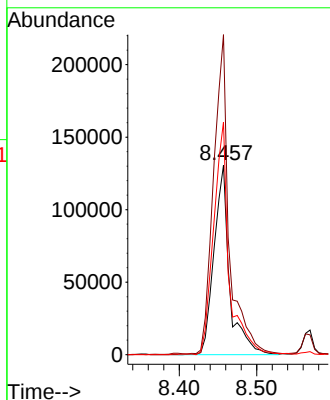
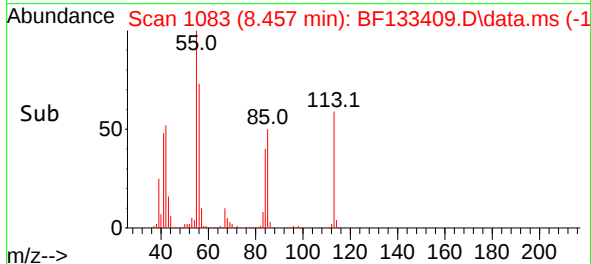


#35
 Caprolactam
 Concen: 39.675 ng
 RT: 8.457 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Instrument :
 BNA_F
 ClientSampleId :

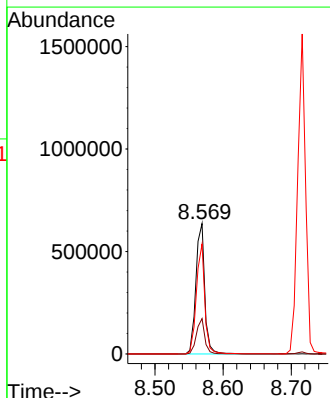
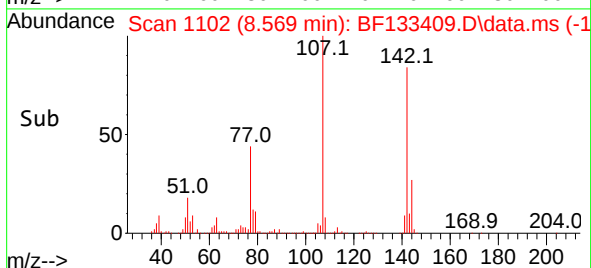
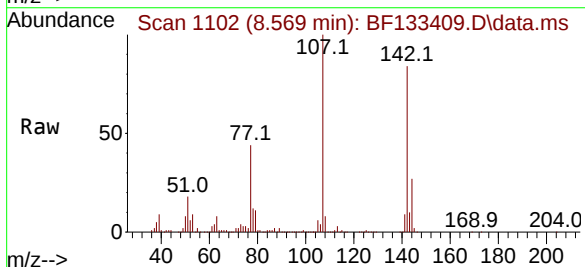


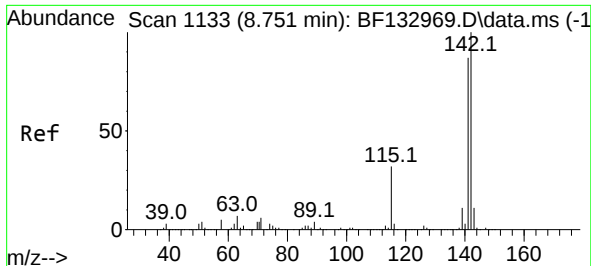
Tgt Ion:113 Resp: 182925
 Ion Ratio Lower Upper
 113 100
 55 168.9 167.1 207.1
 56 122.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.853 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Tgt Ion:107 Resp: 575034
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.6 30.8
 142 84.3 62.8 94.2





#37

2-Methylnaphthalene

Concen: 37.975 ng

RT: 8.716 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

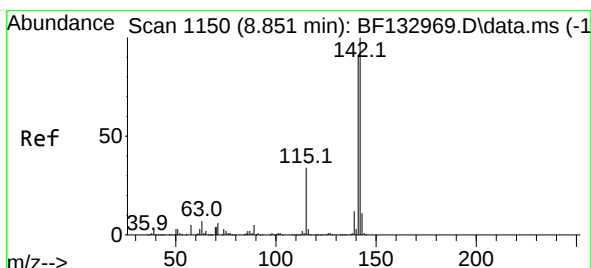
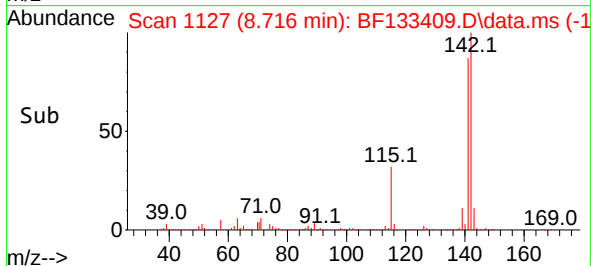
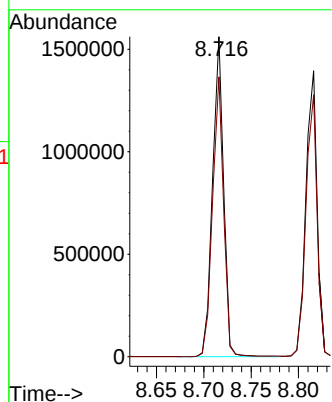
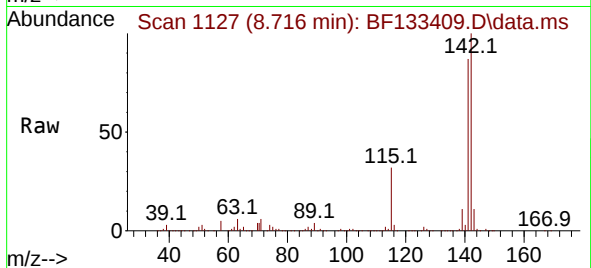
ClientSampleId :

Tgt Ion:142 Resp: 1260392

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 37.170 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133409.D

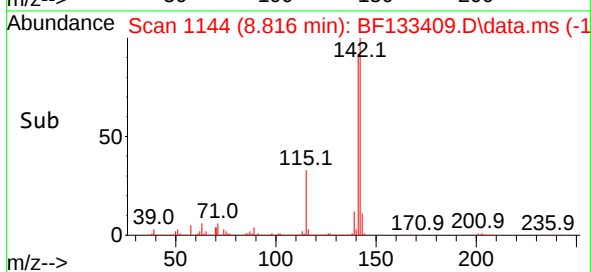
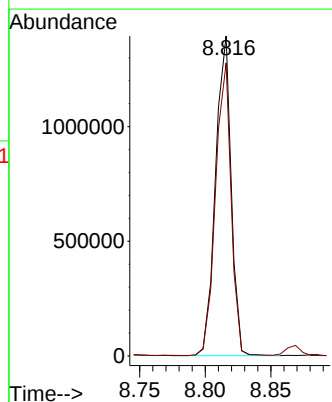
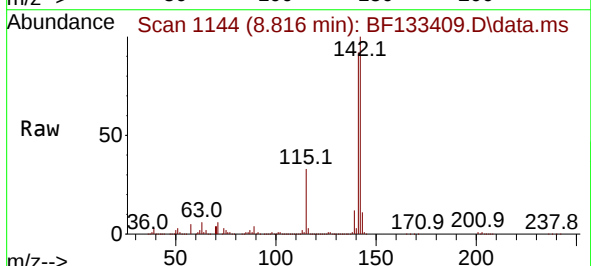
Acq: 17 May 2023 12:28

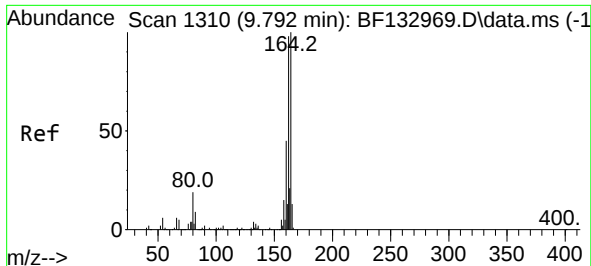
Tgt Ion:142 Resp: 1154080

Ion Ratio Lower Upper

142 100

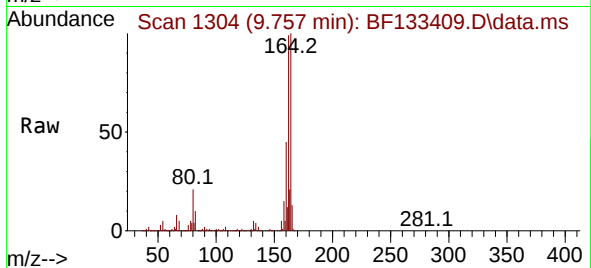
141 91.6 73.1 109.7



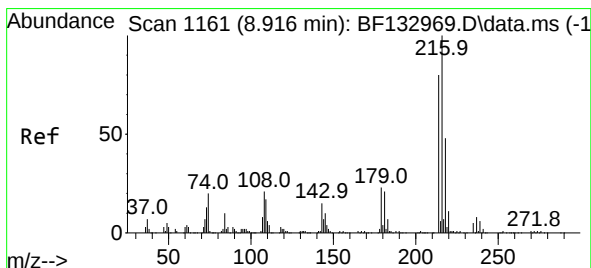
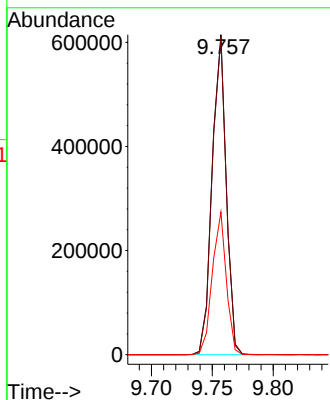
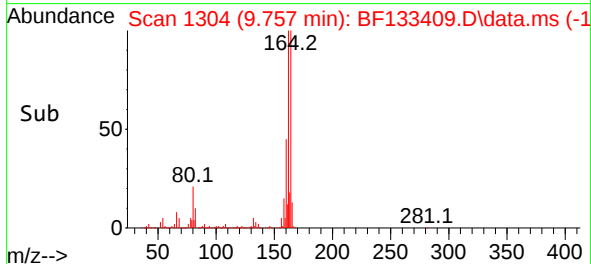


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11304
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

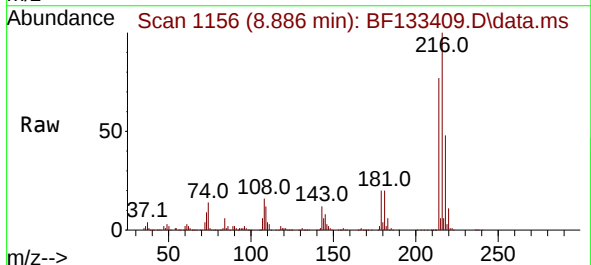
Instrument :
BNA_F
ClientSampleId :



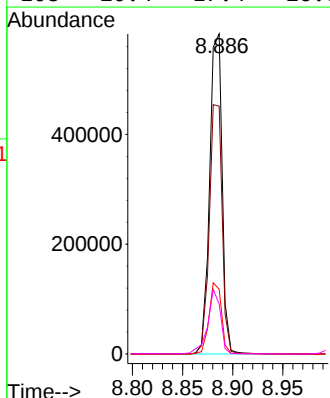
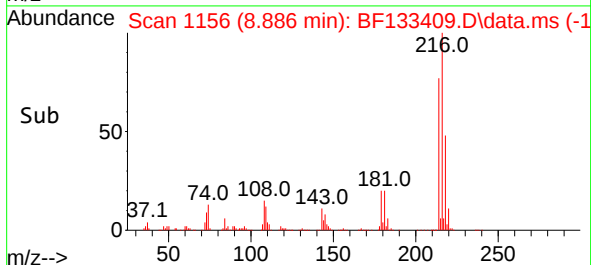
Tgt Ion:164 Resp: 493120
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.6 35.8 53.6

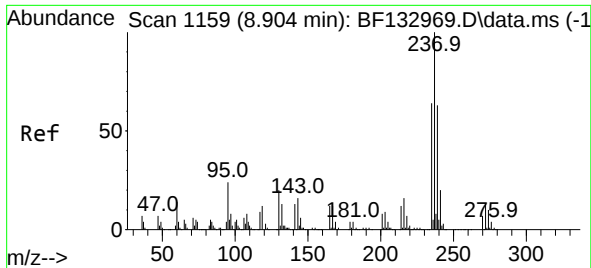


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.435 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28



Tgt Ion:216 Resp: 509588
Ion Ratio Lower Upper
216 100
214 79.6 63.5 95.3
179 22.0 17.4 26.2
108 20.4 17.4 26.0

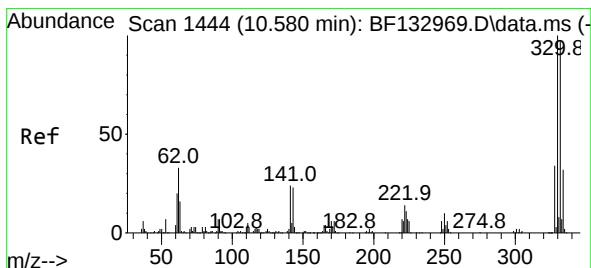
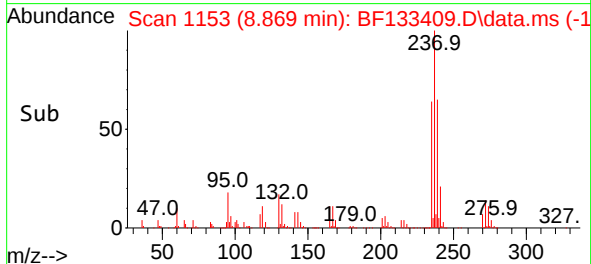
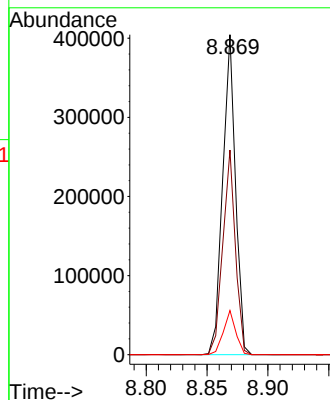
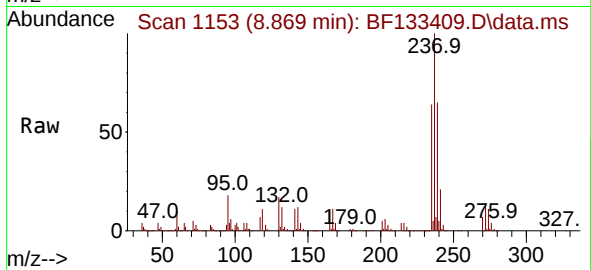




#41
Hexachlorocyclopentadiene
Concen: 38.433 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

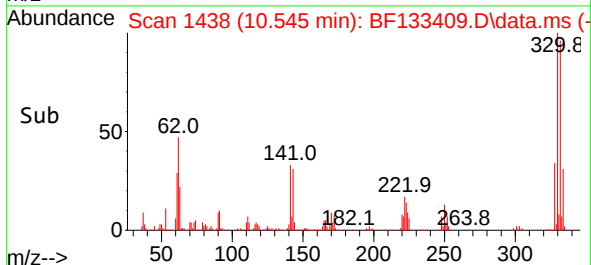
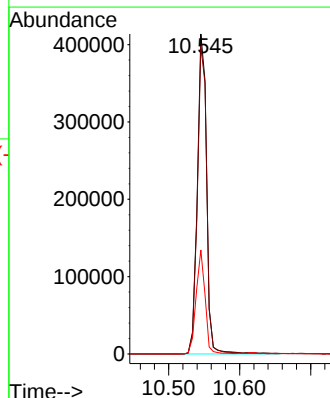
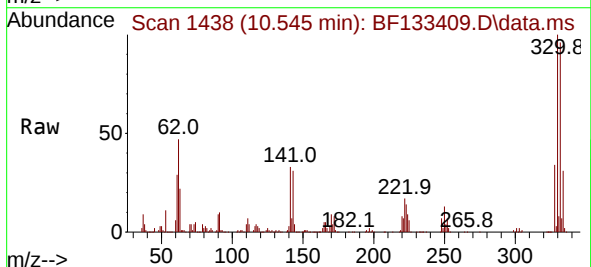
Instrument :
BNA_F
ClientSampleId :

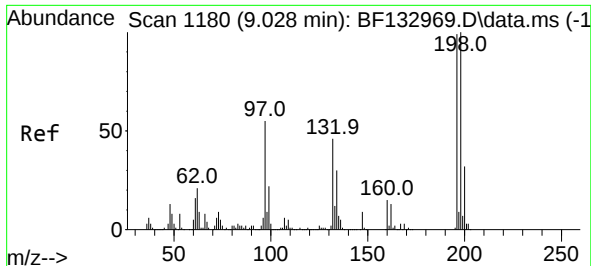
Tgt Ion:237 Resp: 297181
Ion Ratio Lower Upper
237 100
235 64.0 43.5 83.5
272 13.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 76.007 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:330 Resp: 376938
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 31.4 25.8 38.8

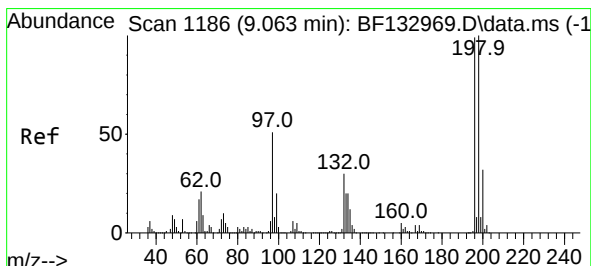
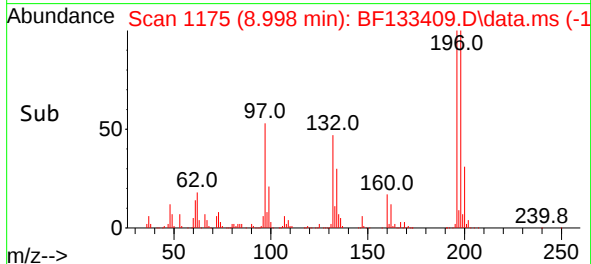
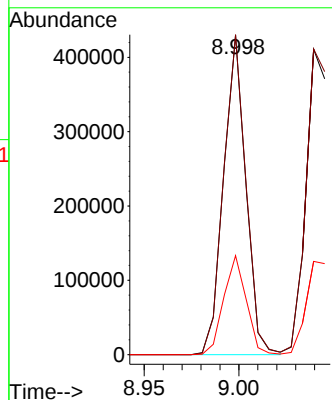
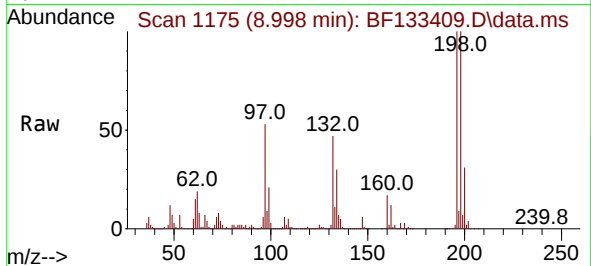




#43
2,4,6-Trichlorophenol
Concen: 38.320 ng
RT: 8.998 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

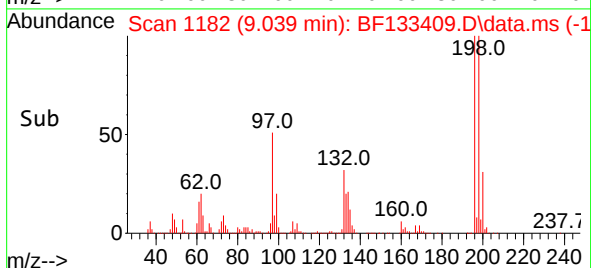
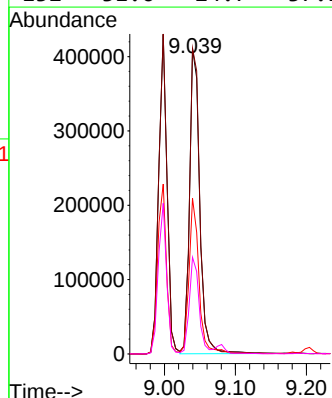
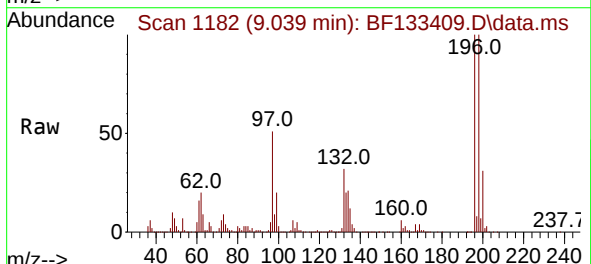
Instrument :
BNA_F
ClientSampleId :

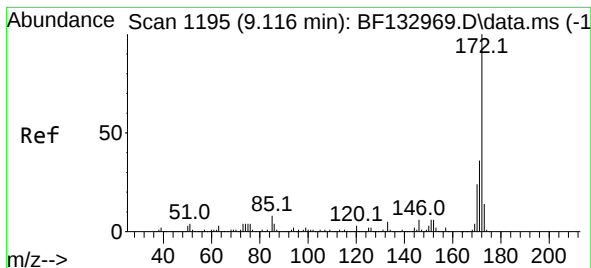
Tgt Ion:196 Resp: 351364
Ion Ratio Lower Upper
196 100
198 100.1 81.0 121.6
200 31.0 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 38.697 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:196 Resp: 410358
Ion Ratio Lower Upper
196 100
198 100.2 80.9 121.3
97 51.0 41.3 61.9
132 31.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 75.275 ng

RT: 9.081 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

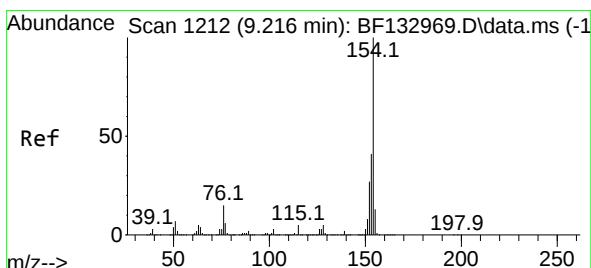
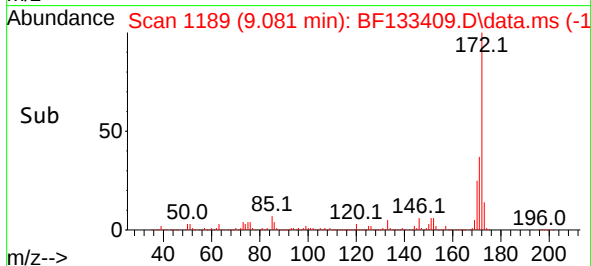
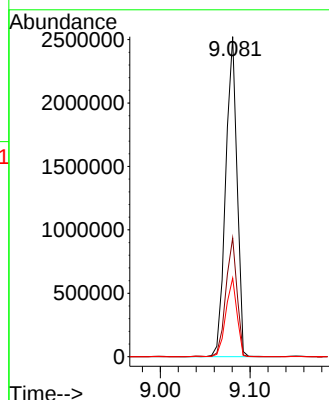
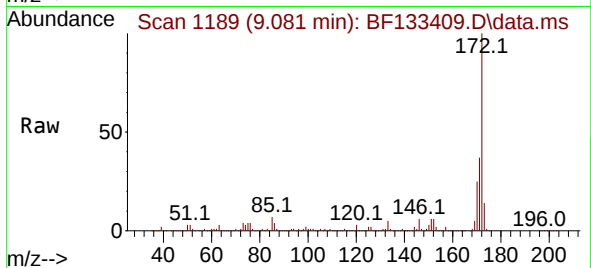
Tgt Ion:172 Resp: 2218748

Ion Ratio Lower Upper

172 100

171 37.1 28.8 43.2

170 24.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 37.746 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

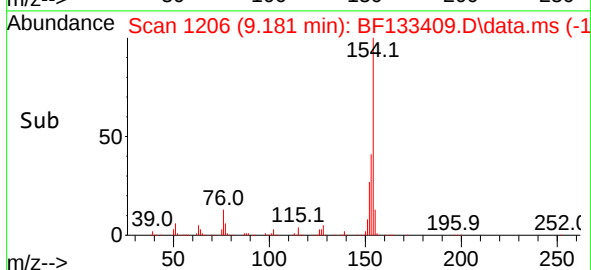
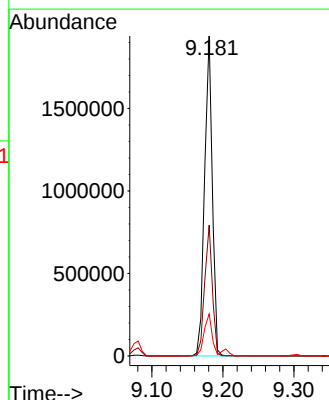
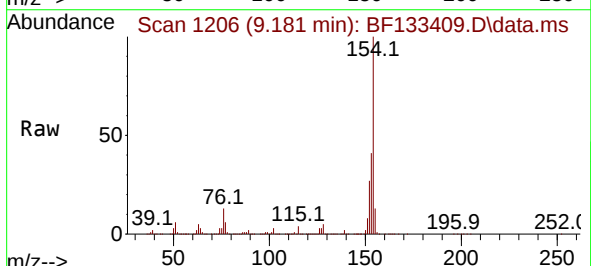
Tgt Ion:154 Resp: 1475955

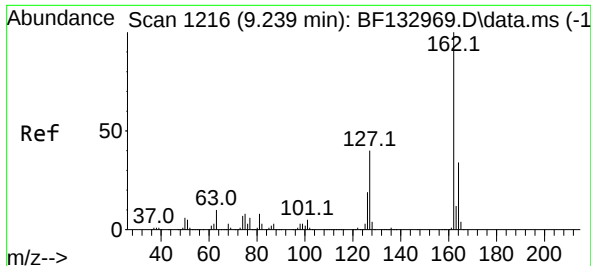
Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

76 13.1 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.212 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

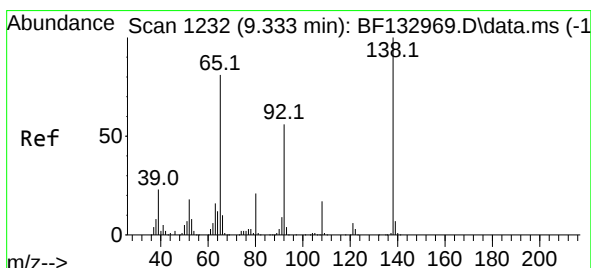
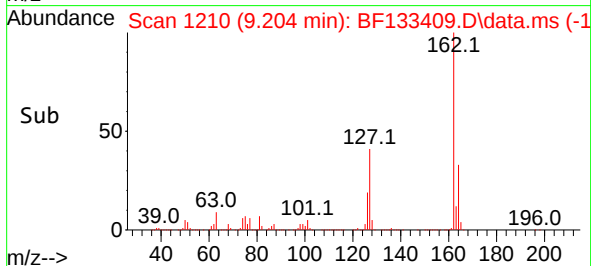
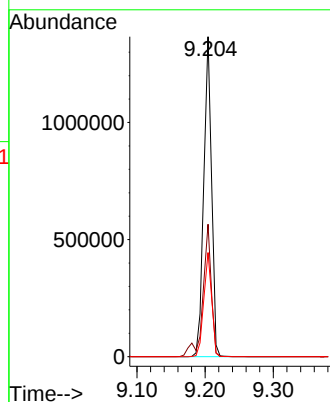
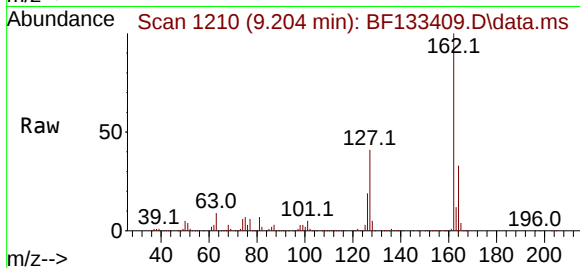
Tgt Ion:162 Resp: 1093638

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

164 32.5 26.8 40.2



#48

2-Nitroaniline

Concen: 37.830 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

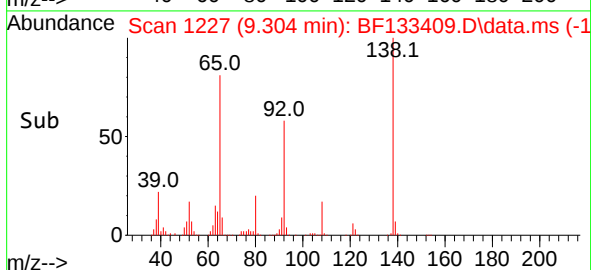
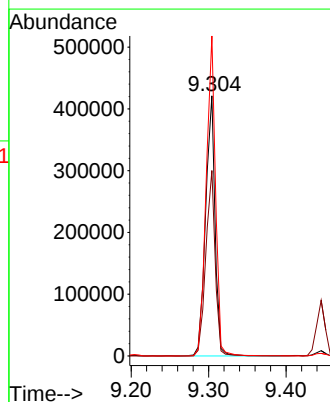
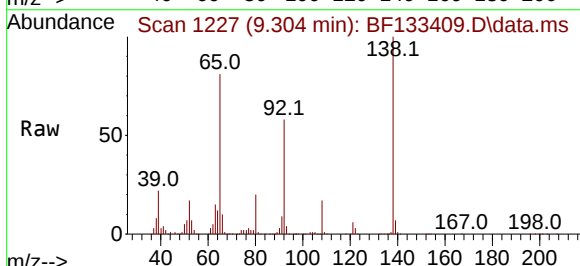
Tgt Ion: 65 Resp: 357825

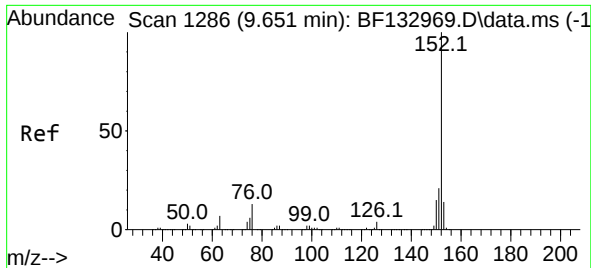
Ion Ratio Lower Upper

65 100

92 71.2 55.4 83.0

138 123.0 98.2 147.2





#49

Acenaphthylene

Concen: 37.651 ng

RT: 9.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

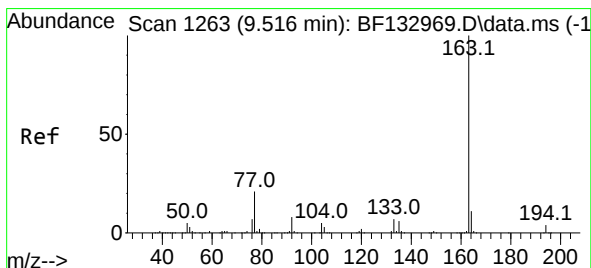
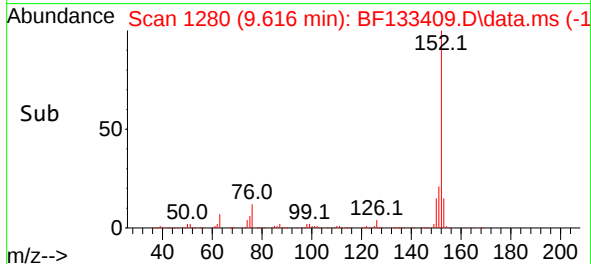
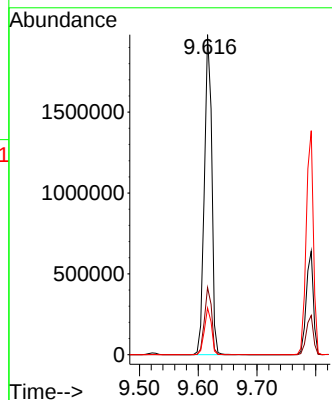
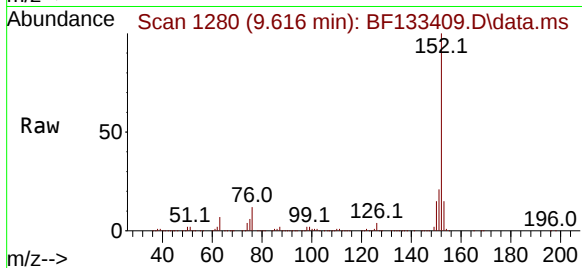
Tgt Ion:152 Resp: 1721831

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

153 14.6 11.5 17.3



#50

Dimethylphthalate

Concen: 38.642 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

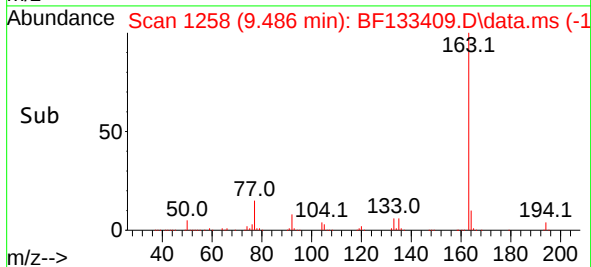
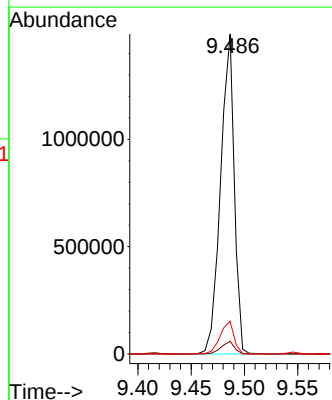
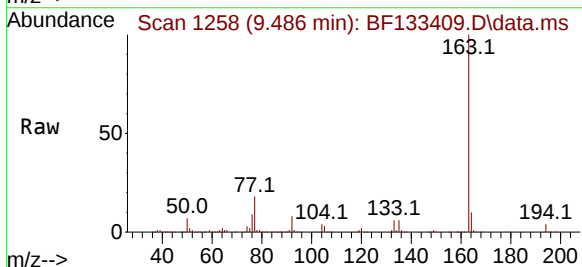
Tgt Ion:163 Resp: 1328691

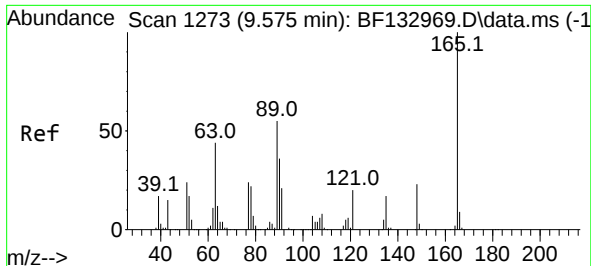
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.5 12.7

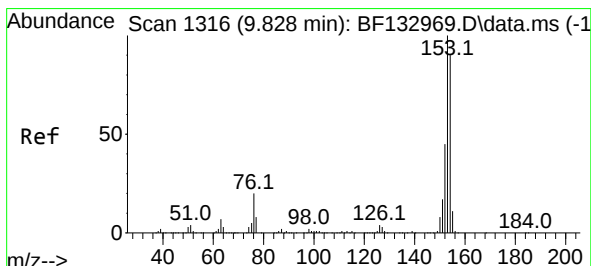
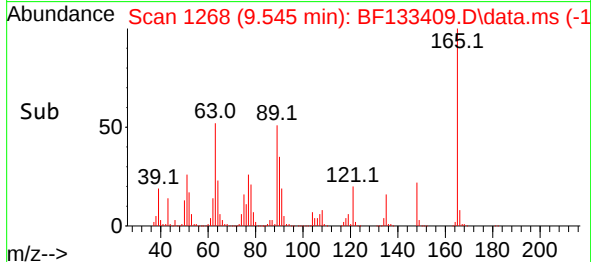
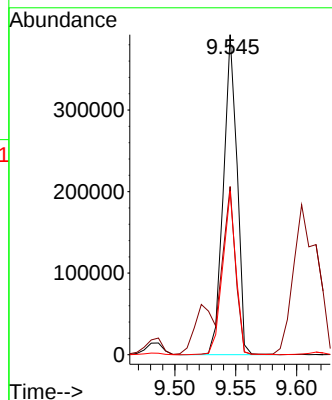
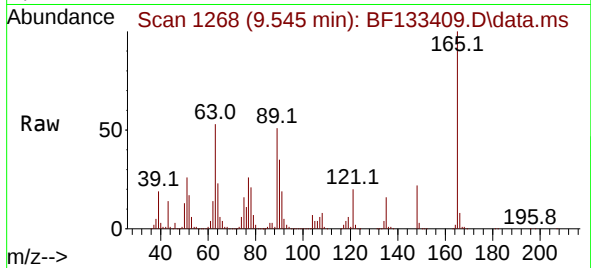




#51
2,6-Dinitrotoluene
Concen: 39.584 ng
RT: 9.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

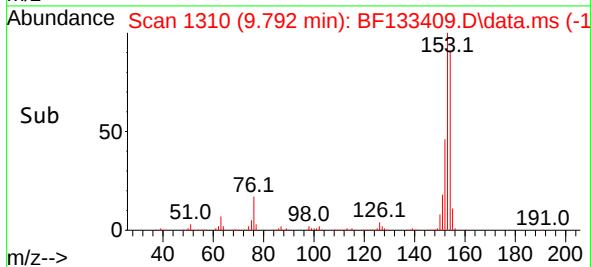
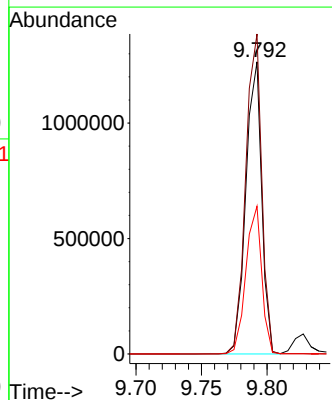
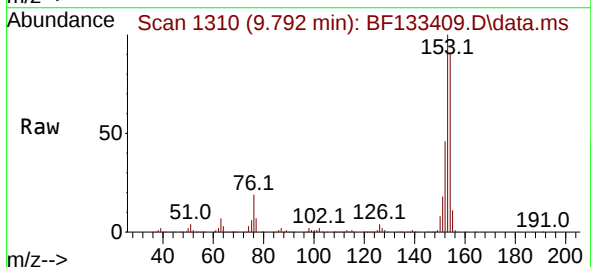
Instrument :
BNA_F
ClientSampleId :

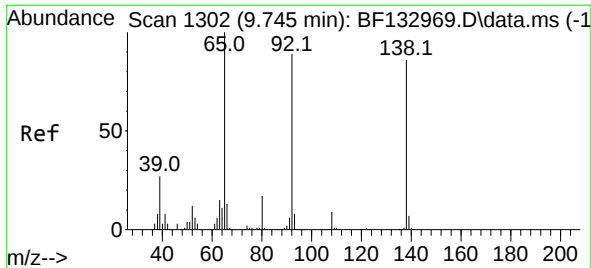
Tgt Ion:165 Resp: 306344
Ion Ratio Lower Upper
165 100
63 52.6 45.9 68.9
89 51.1 44.0 66.0



#52
Acenaphthene
Concen: 34.702 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

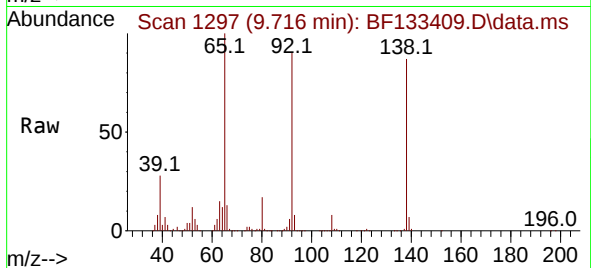
Tgt Ion:154 Resp: 1062865
Ion Ratio Lower Upper
154 100
153 109.5 89.0 133.6
152 50.6 40.4 60.6



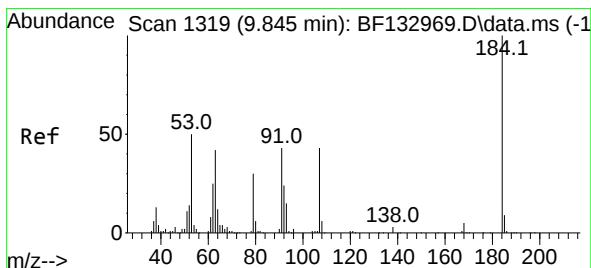
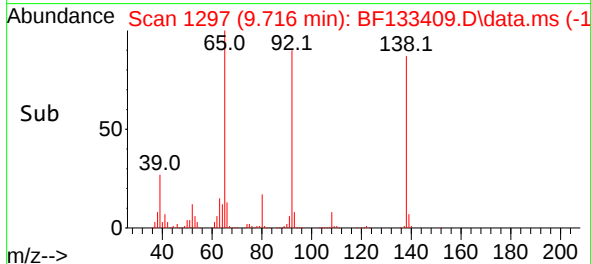
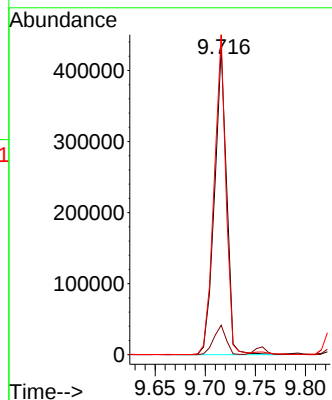


#53
3-Nitroaniline
Concen: 39.509 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Instrument :
BNA_F
ClientSampleId :

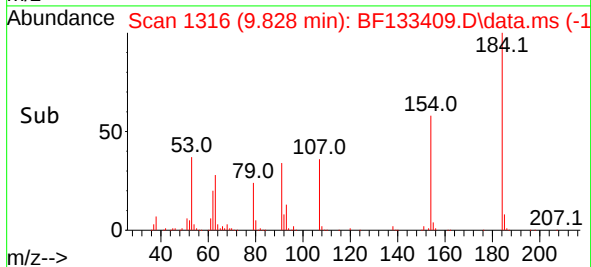
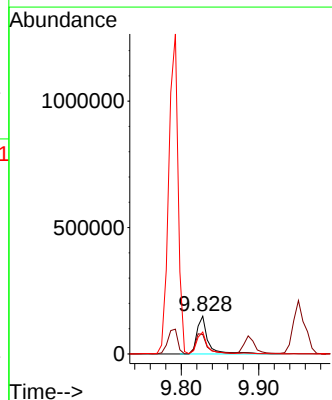
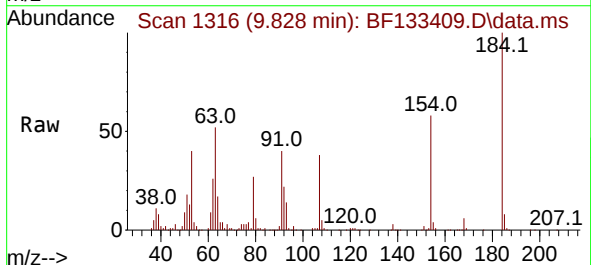


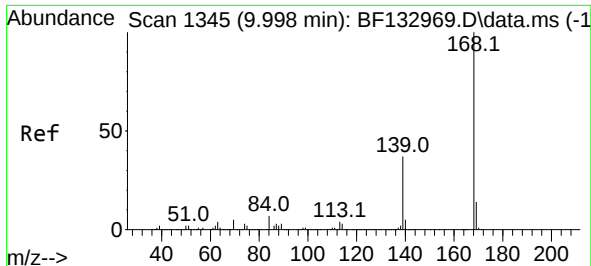
Tgt Ion:138 Resp: 363552
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 104.2 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 38.241 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:184 Resp: 148759
Ion Ratio Lower Upper
184 100
63 51.7 49.8 74.8
154 57.9 49.5 74.3

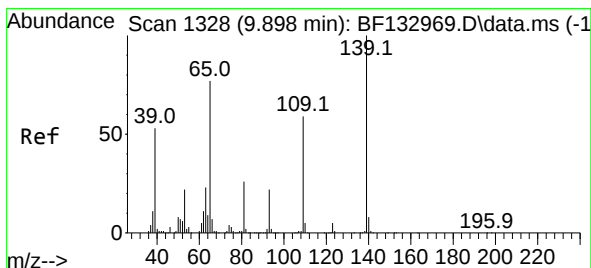
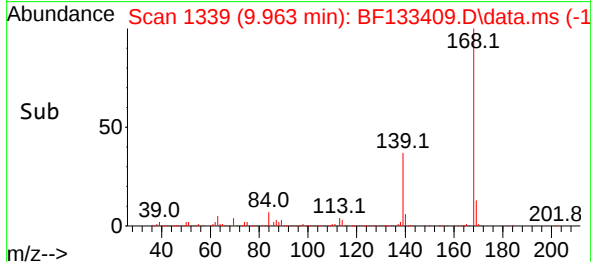
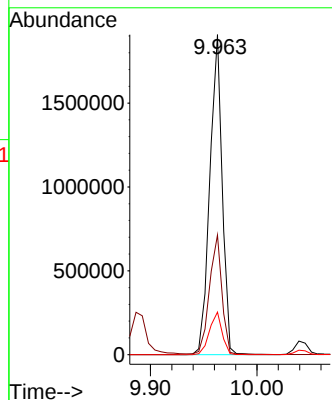
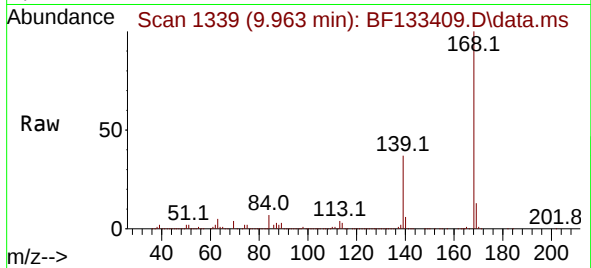




#55
Dibenzenofuran
Concen: 36.935 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

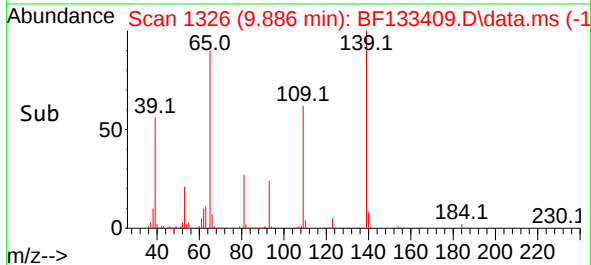
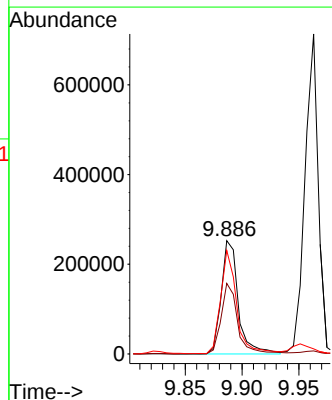
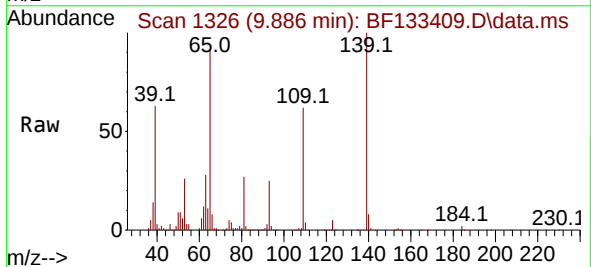
Instrument :
BNA_F
ClientSampleId :

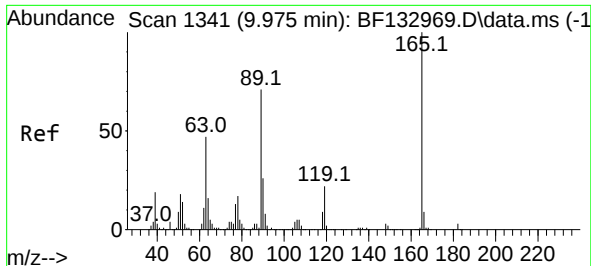
Tgt Ion:168 Resp: 1543139
Ion Ratio Lower Upper
168 100
139 37.4 29.8 44.8
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 37.088 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:139 Resp: 264329
Ion Ratio Lower Upper
139 100
109 62.2 39.4 79.4
65 91.3 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 38.965 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 384561

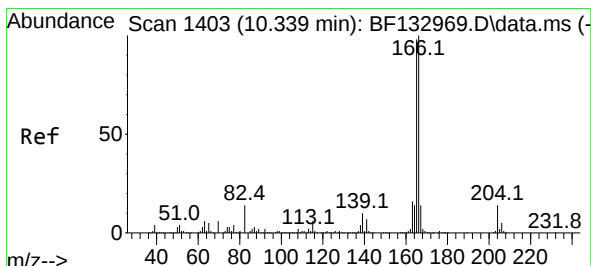
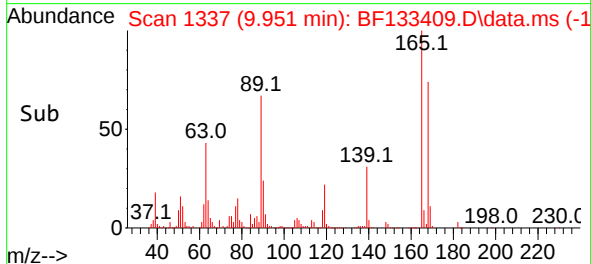
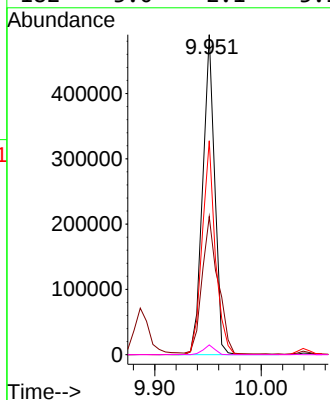
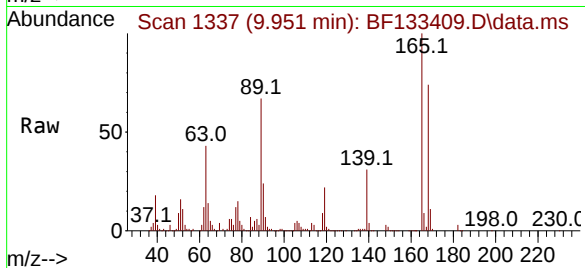
Ion Ratio Lower Upper

165 100

63 43.2 37.7 56.5

89 66.9 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 38.026 ng

RT: 10.304 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

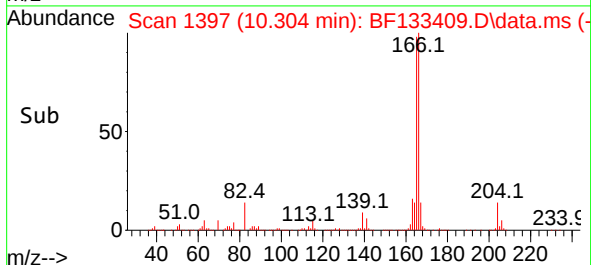
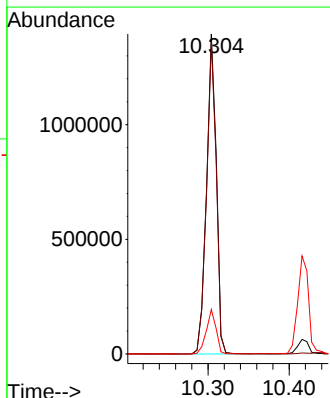
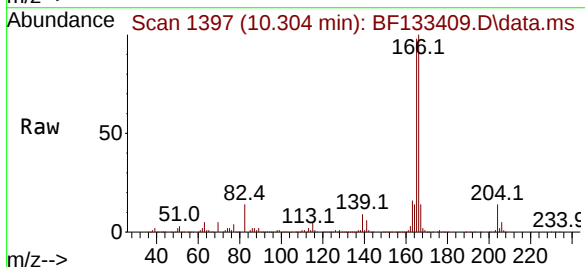
Tgt Ion:166 Resp: 1163961

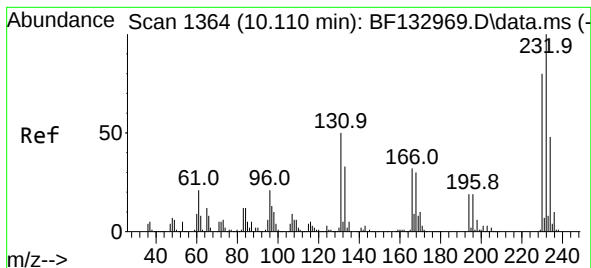
Ion Ratio Lower Upper

166 100

165 97.5 78.6 117.8

167 13.9 11.0 16.4

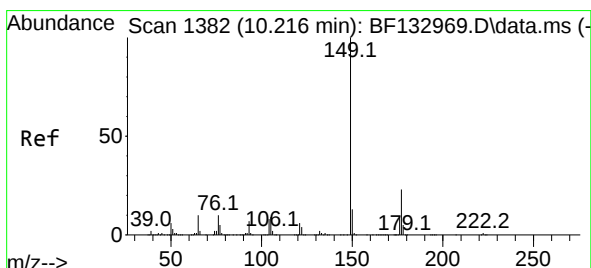
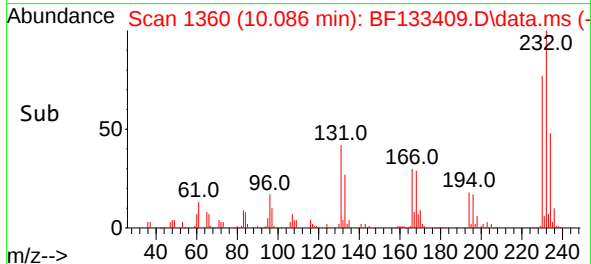
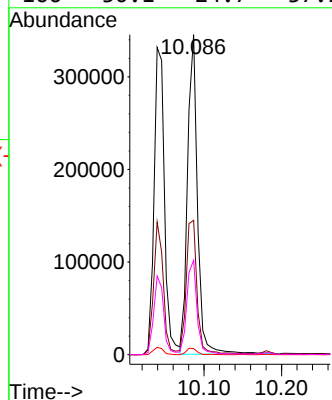
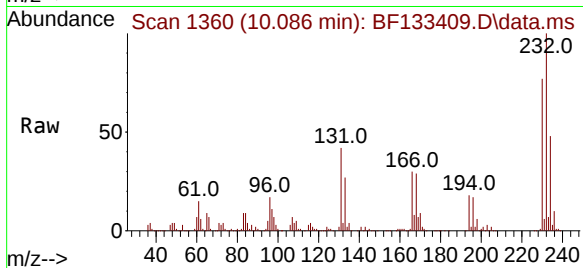




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.329 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

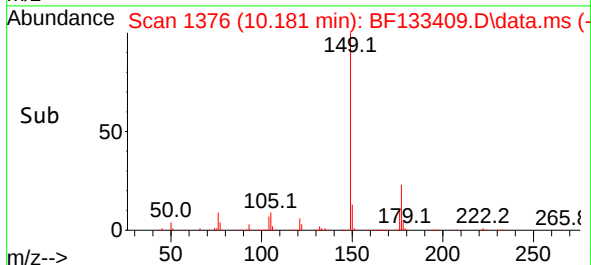
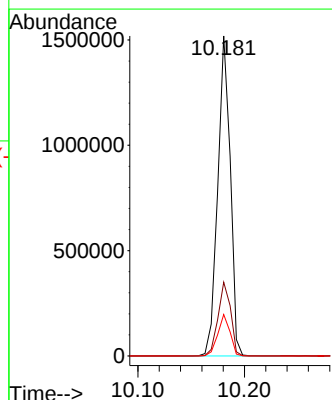
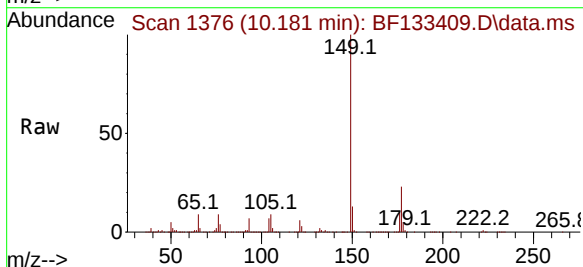
Instrument :
BNA_F
ClientSampleId :

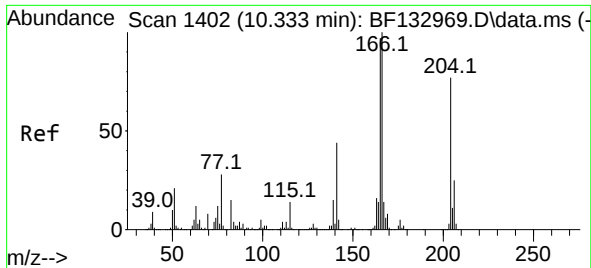
Tgt Ion:232 Resp: 306892
Ion Ratio Lower Upper
232 100
131 45.3 38.0 57.0
130 2.2 1.8 2.8
166 30.1 24.7 37.1



#60
Diethylphthalate
Concen: 37.889 ng
RT: 10.181 min Scan# 1376
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:149 Resp: 1230564
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 13.0 10.2 15.4

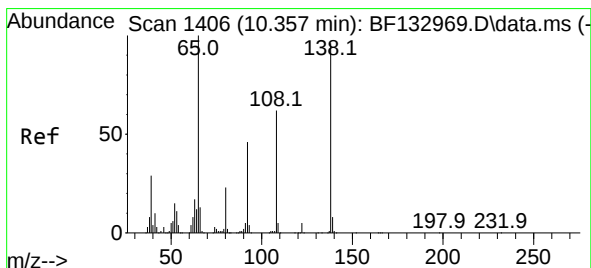
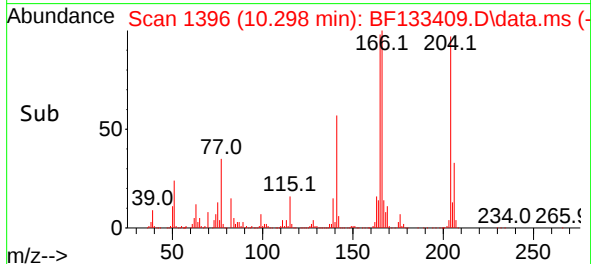
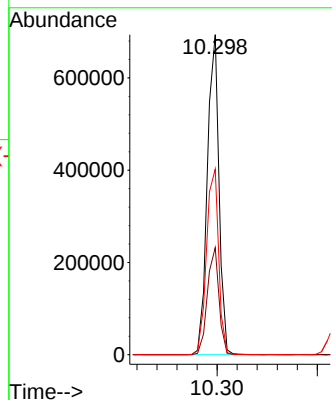
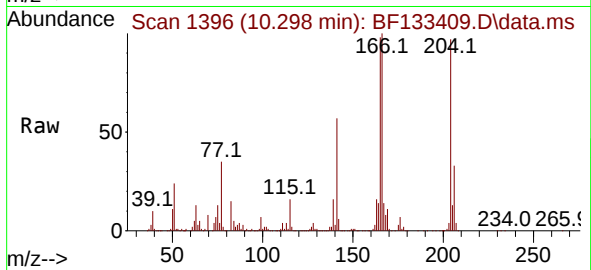




#61
4-Chlorophenyl-phenylether
Concen: 37.769 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

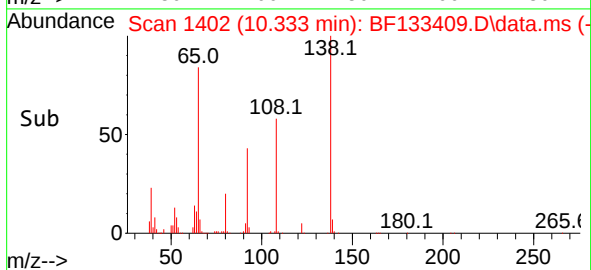
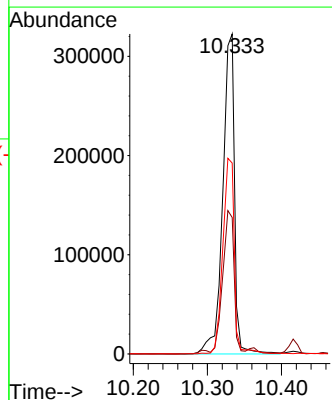
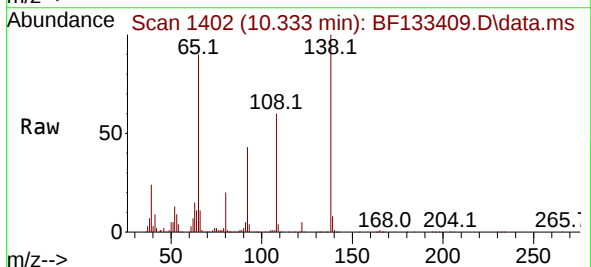
Instrument :
BNA_F
ClientSampleId :

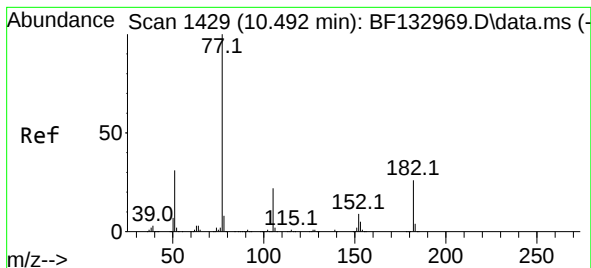
Tgt Ion:204 Resp: 563394
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 58.0 46.1 69.1



#62
4-Nitroaniline
Concen: 42.285 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:138 Resp: 357619
Ion Ratio Lower Upper
138 100
92 42.6 27.7 67.7
108 59.6 45.2 85.2





#63

Azobenzene

Concen: 35.395 ng

RT: 10.457 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1217760

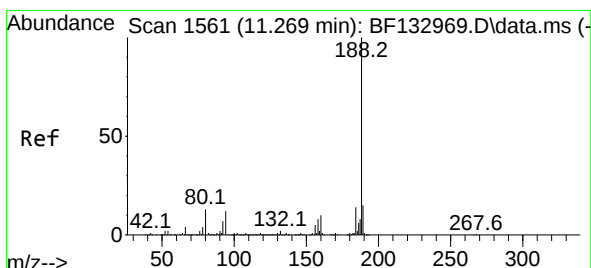
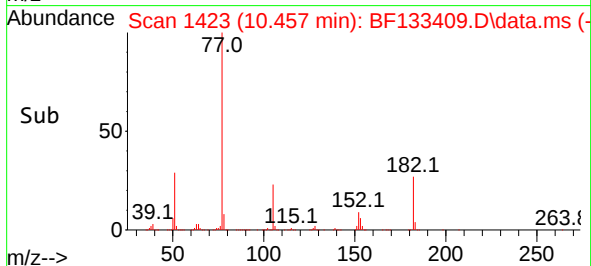
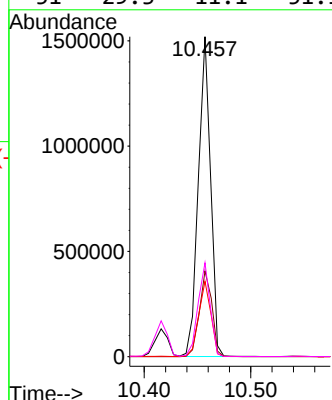
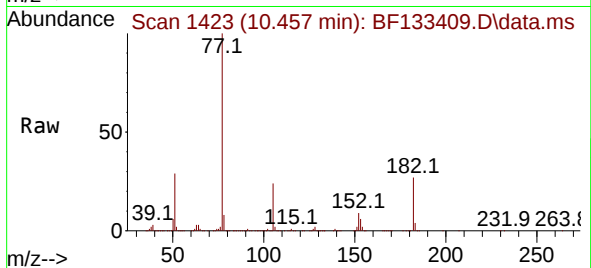
Ion Ratio Lower Upper

77 100

182 26.7 5.9 45.9

105 23.5 2.3 42.3

51 29.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

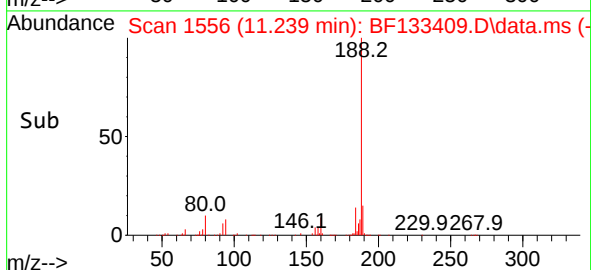
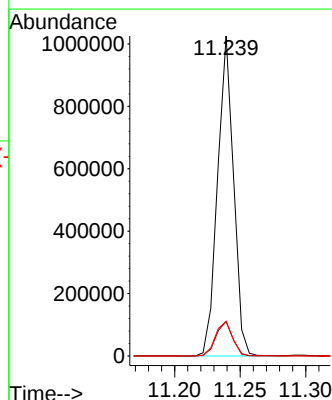
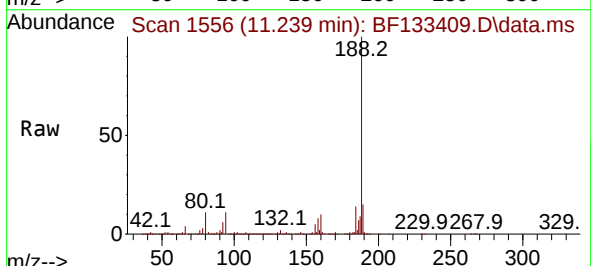
Tgt Ion:188 Resp: 869761

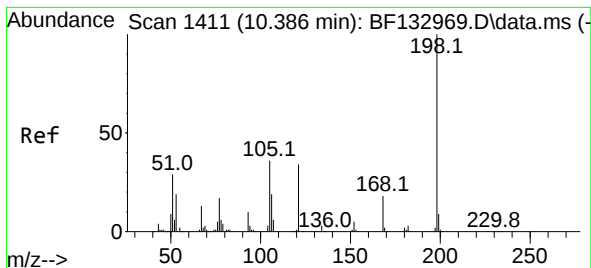
Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 10.8 10.4 15.6

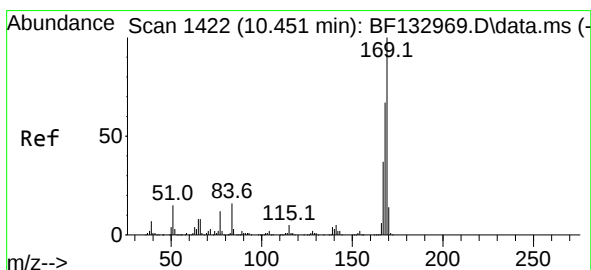
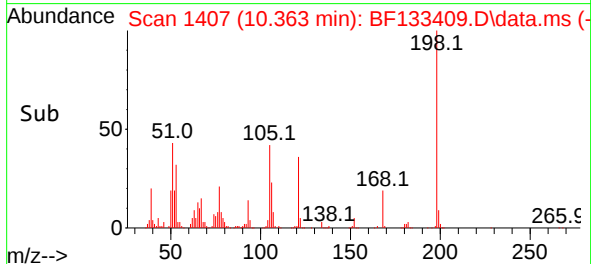
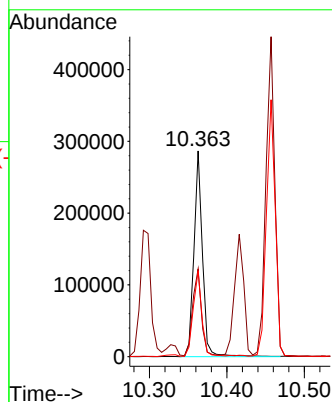
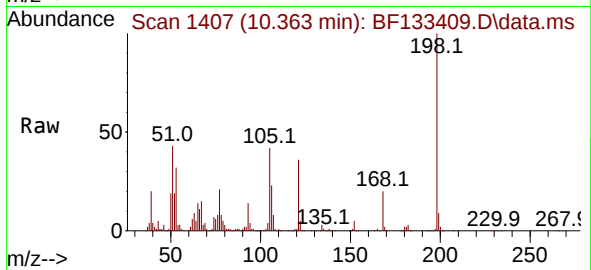




#65
4,6-Dinitro-2-methylphenol
Concen: 41.618 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

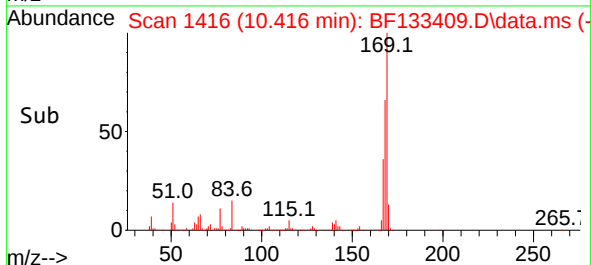
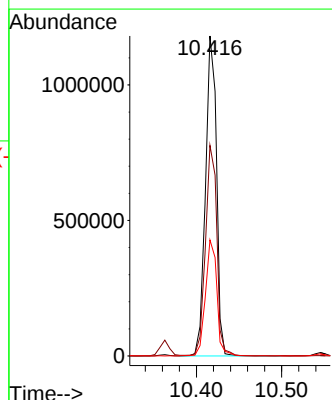
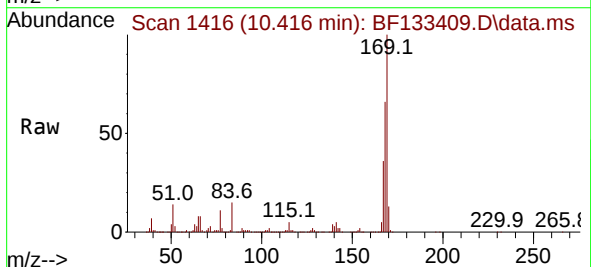
Instrument :
BNA_F
ClientSampleId :

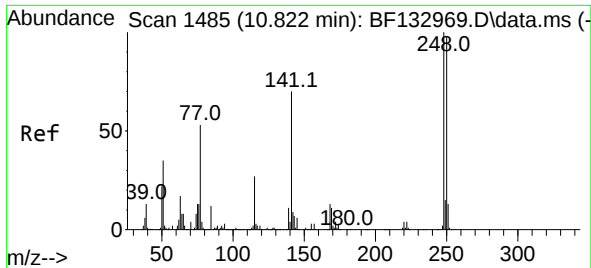
Tgt Ion:198 Resp: 219404
Ion Ratio Lower Upper
198 100
51 42.6 15.5 55.5
105 41.6 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 37.392 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

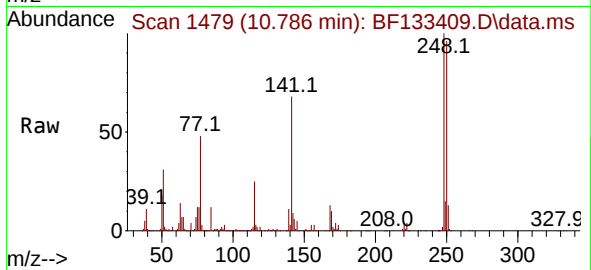
Tgt Ion:169 Resp: 1054929
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.8
167 36.2 29.7 44.5



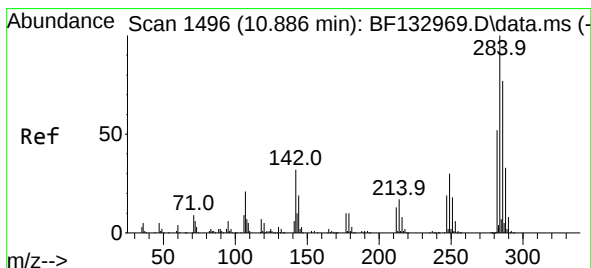
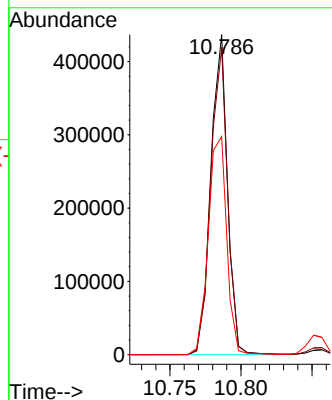
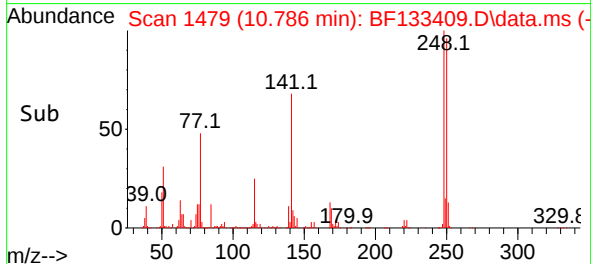


#67
4-Bromophenyl-phenylether
Concen: 37.808 ng
RT: 10.786 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Instrument :
BNA_F
ClientSampleId :

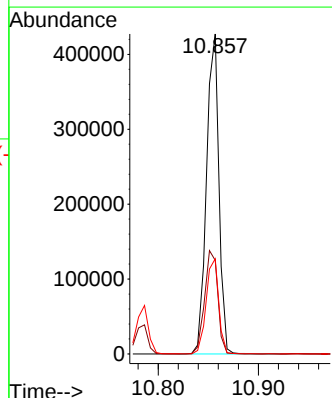
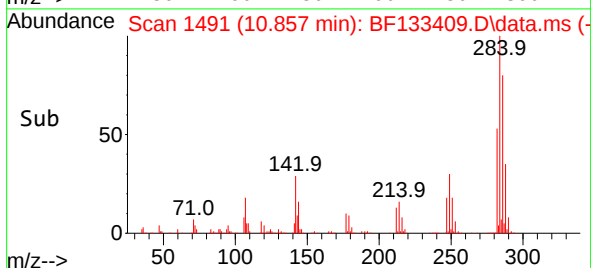
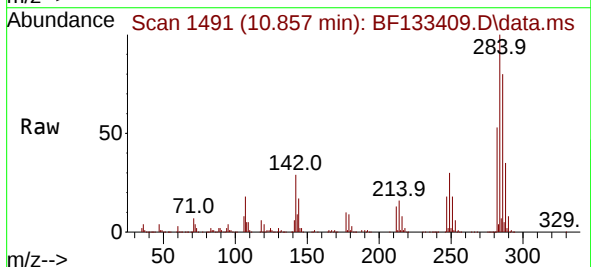


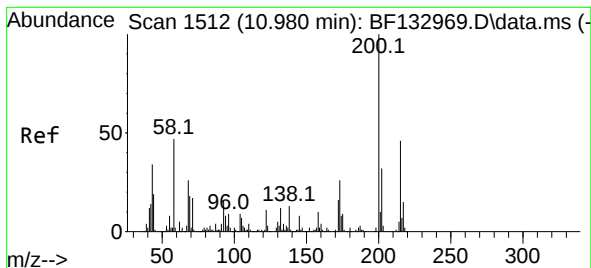
Tgt Ion:248 Resp: 356645
Ion Ratio Lower Upper
248 100
250 96.0 78.7 118.1
141 68.2 56.3 84.5



#68
Hexachlorobenzene
Concen: 38.215 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:284 Resp: 369382
Ion Ratio Lower Upper
284 100
142 29.2 26.0 39.0
249 29.8 23.7 35.5





#69

Atrazine

Concen: 39.911 ng

RT: 10.945 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

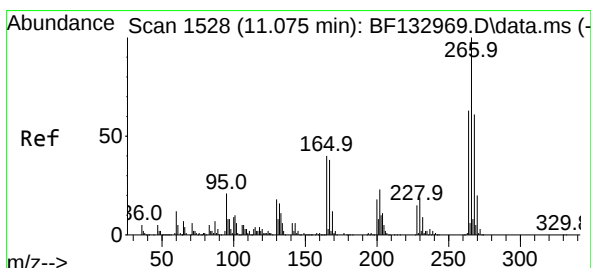
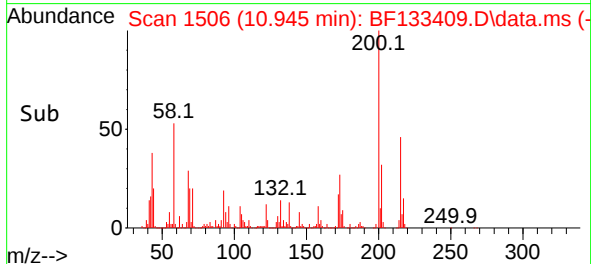
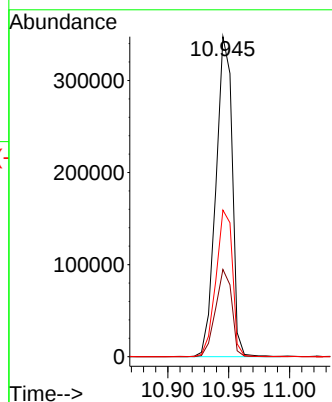
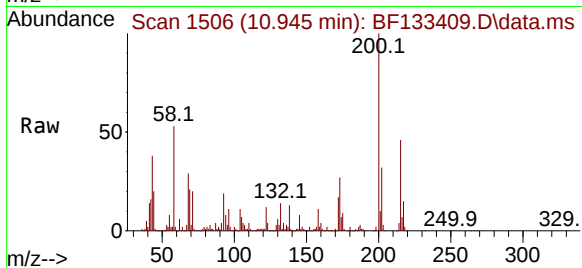
Tgt Ion:200 Resp: 324449

Ion Ratio Lower Upper

200 100

173 27.3 6.2 46.2

215 45.8 26.3 66.3



#70

Pentachlorophenol

Concen: 39.256 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

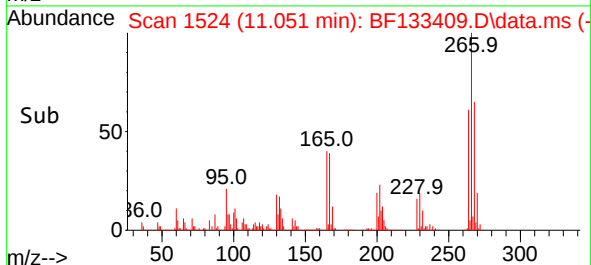
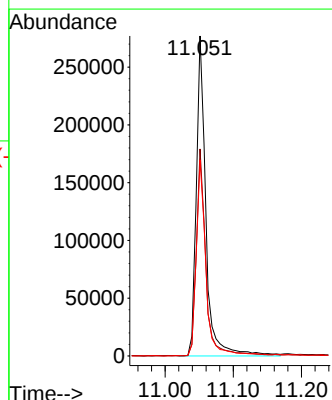
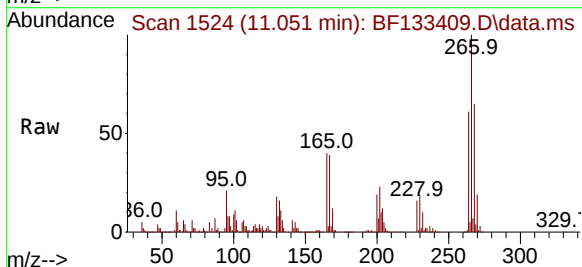
Tgt Ion:266 Resp: 270241

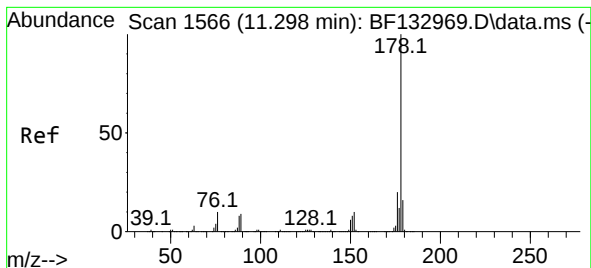
Ion Ratio Lower Upper

266 100

268 64.7 48.8 73.2

264 61.3 50.6 76.0





#71

Phenanthrene

Concen: 36.896 ng

RT: 11.263 min Scan# 1560

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

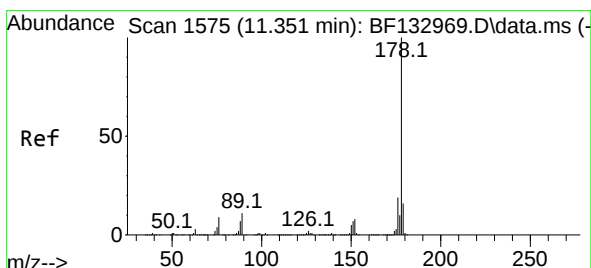
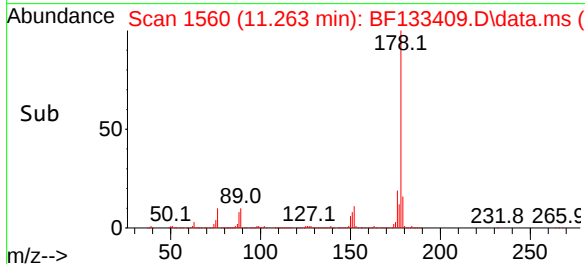
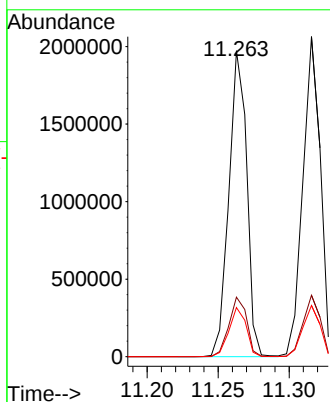
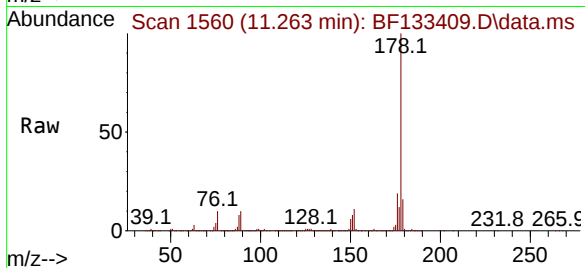
Tgt Ion:178 Resp: 1724770

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 16.0 12.5 18.7



#72

Anthracene

Concen: 37.189 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

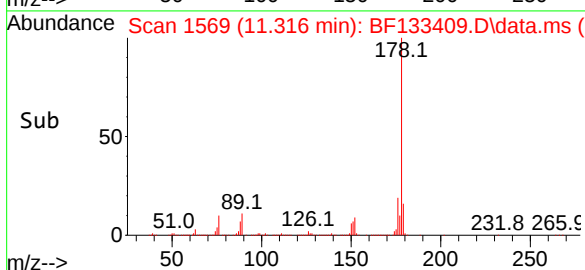
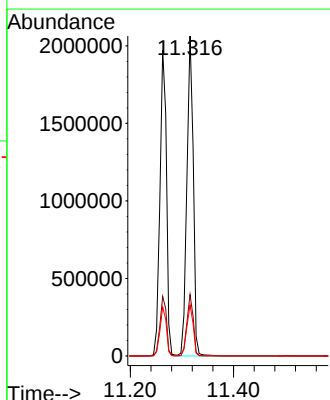
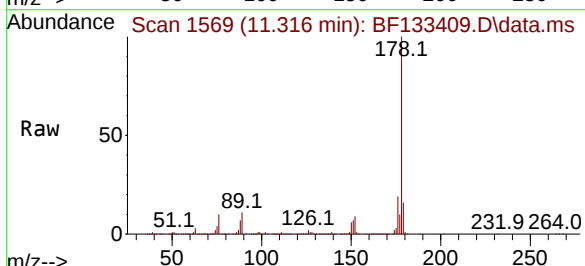
Tgt Ion:178 Resp: 1779129

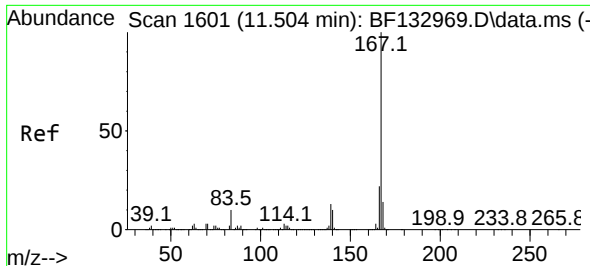
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 16.0 12.4 18.6



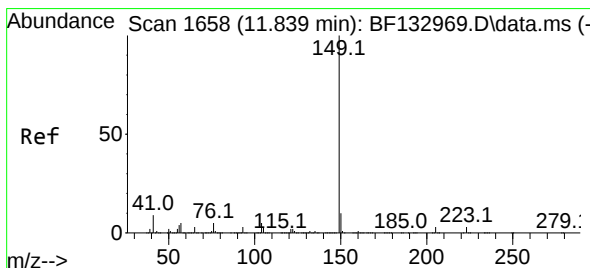
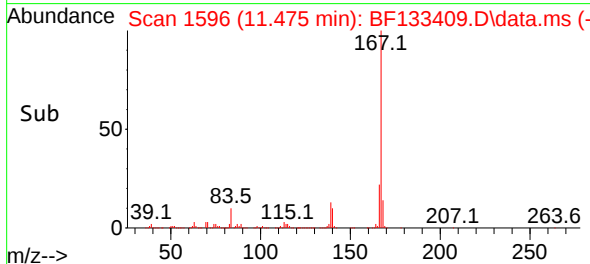
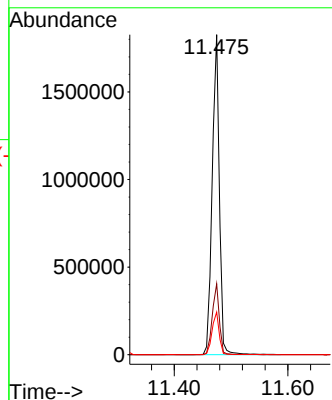
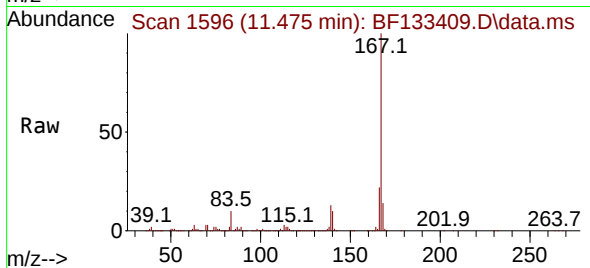


#73
 Carbazole
 Concen: 37.245 ng
 RT: 11.475 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 1586599

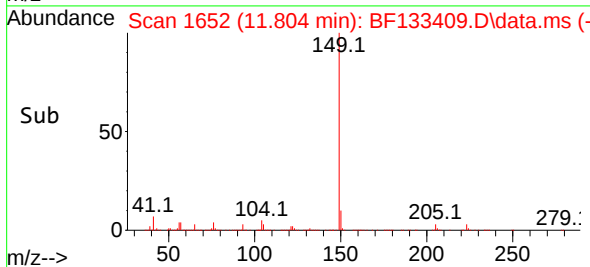
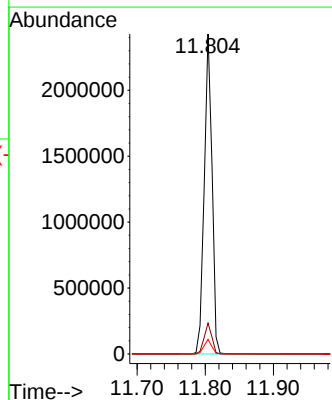
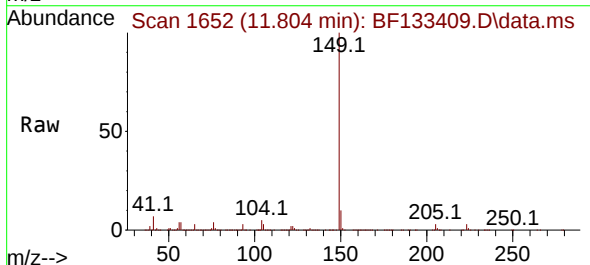
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.3	10.6	16.0

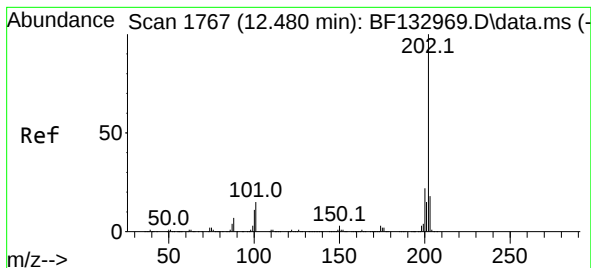


#74
 Di-n-butylphthalate
 Concen: 39.974 ng
 RT: 11.804 min Scan# 1652
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Tgt Ion:149 Resp: 1927044

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.5	4.0	6.0





#75

Fluoranthene

Concen: 37.172 ng

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

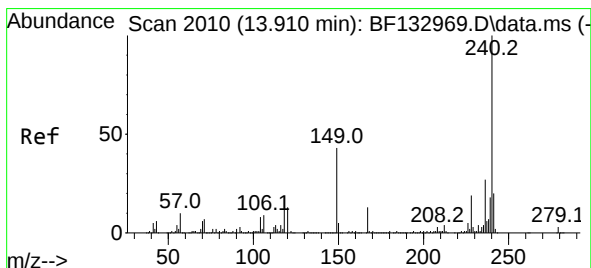
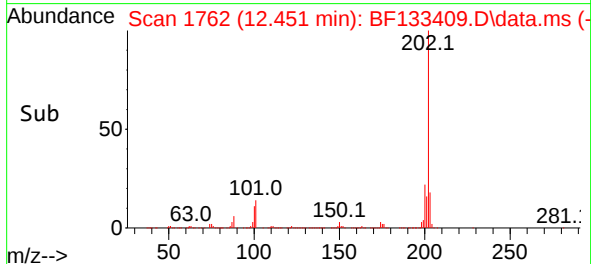
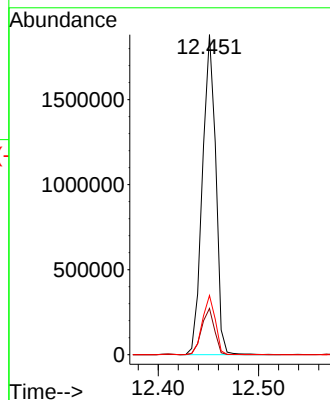
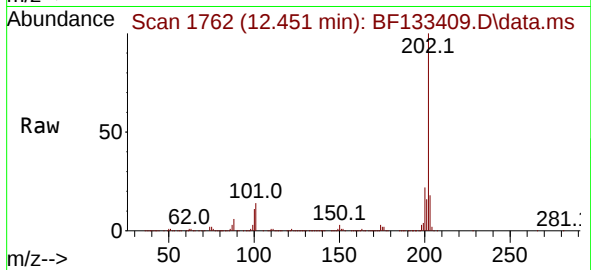
Tgt Ion:202 Resp: 1743945

Ion Ratio Lower Upper

202 100

101 14.5 0.0 35.3

203 18.5 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

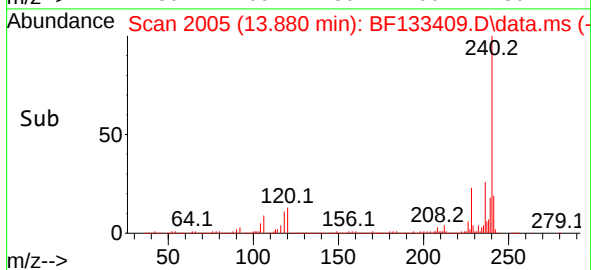
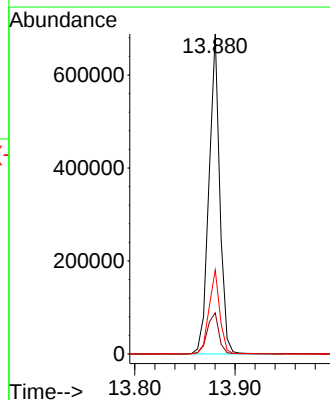
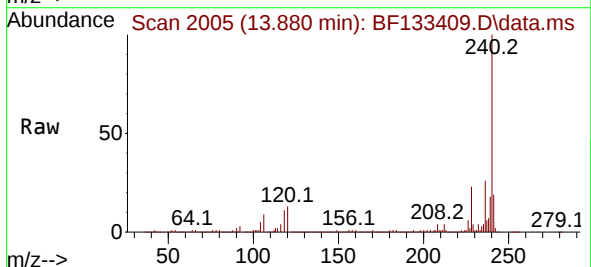
Tgt Ion:240 Resp: 519229

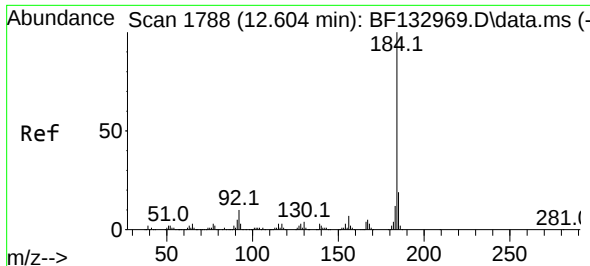
Ion Ratio Lower Upper

240 100

120 12.8 10.5 15.7

236 26.3 21.5 32.3

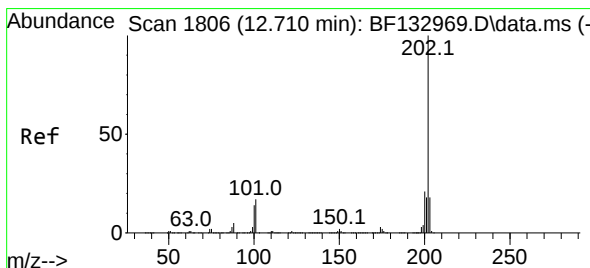
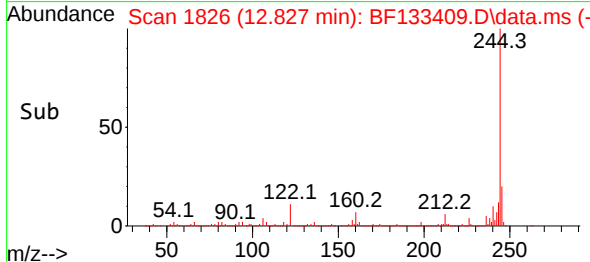
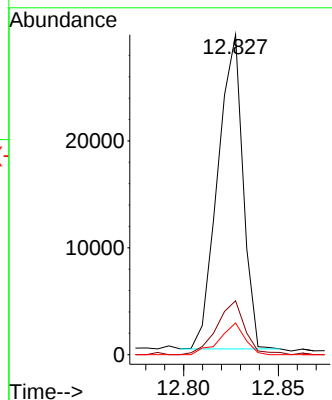
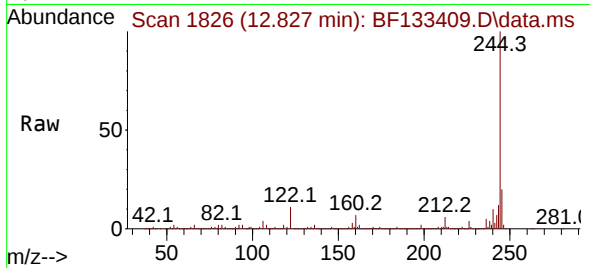




#77
Benzidine
Concen: 3.095 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

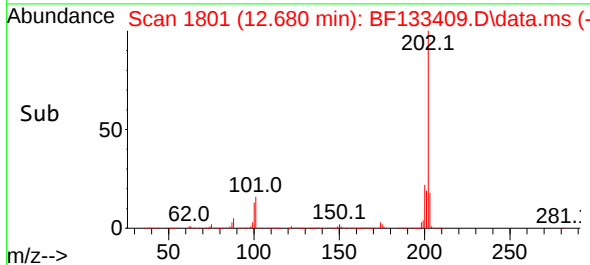
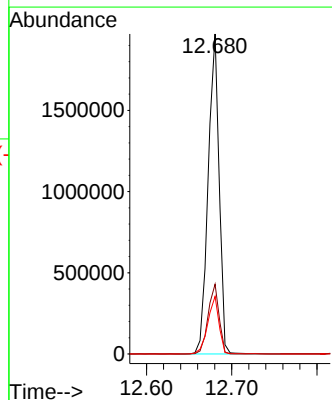
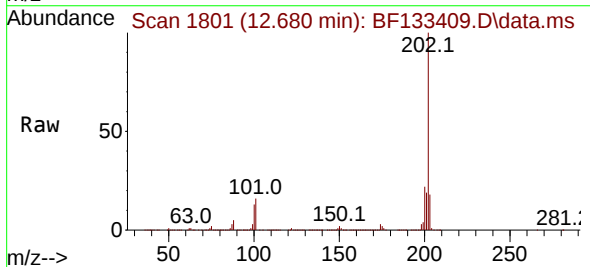
Instrument :
BNA_F
ClientSampleId :

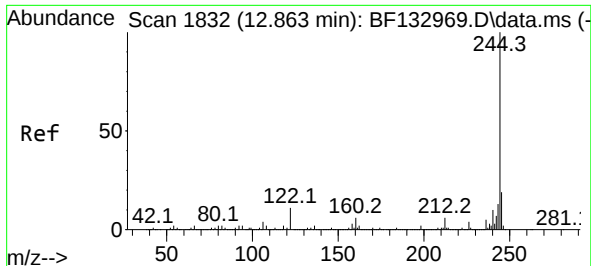
Tgt Ion:184 Resp: 27172
Ion Ratio Lower Upper
184 100
185 16.8 15.4 23.2
183 9.9 9.4 14.0



#78
Pyrene
Concen: 39.503 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

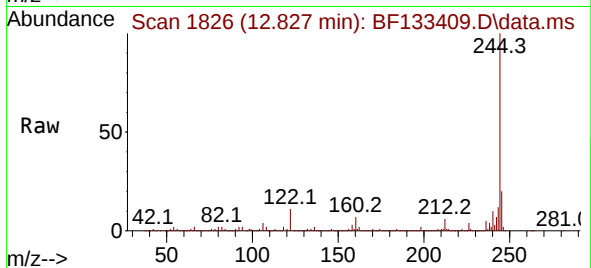
Tgt Ion:202 Resp: 1758292
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.0 14.1 21.1



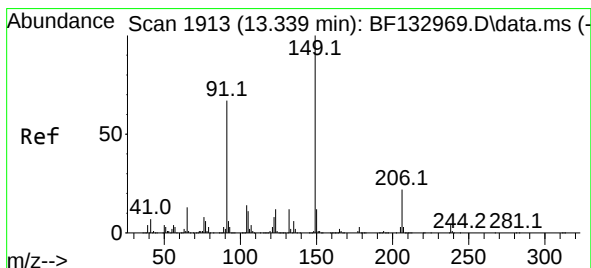
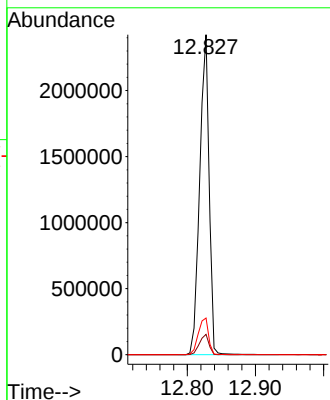
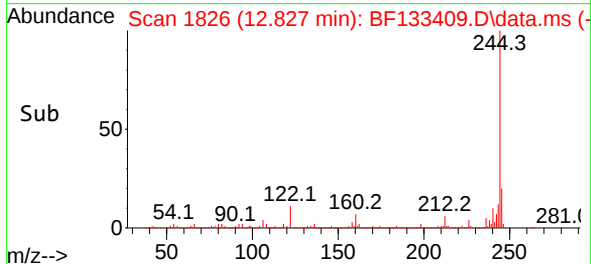


#79
 Terphenyl-d14
 Concen: 77.273 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Instrument :
 BNA_F
 ClientSampleId :

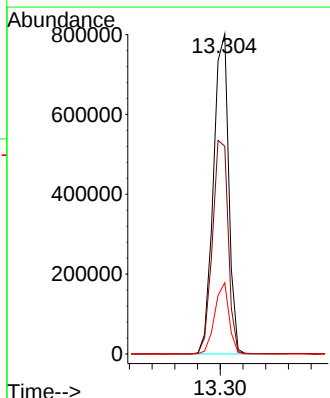
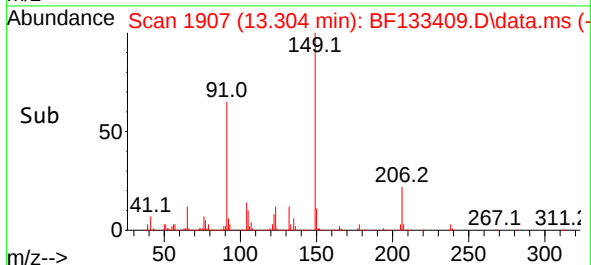
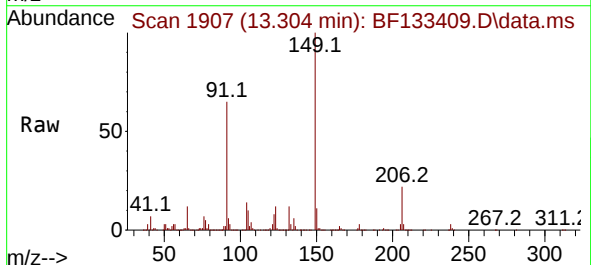


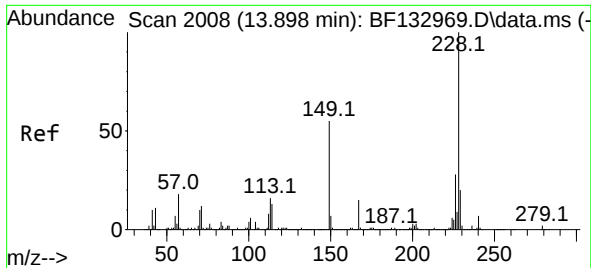
Tgt Ion:244 Resp: 2326380
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.5 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 47.567 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133409.D
 Acq: 17 May 2023 12:28

Tgt Ion:149 Resp: 749653
 Ion Ratio Lower Upper
 149 100
 91 64.9 53.8 80.6
 206 22.3 17.5 26.3

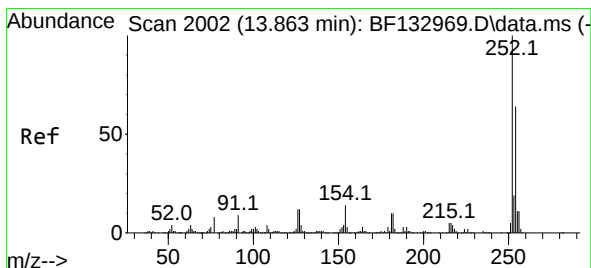
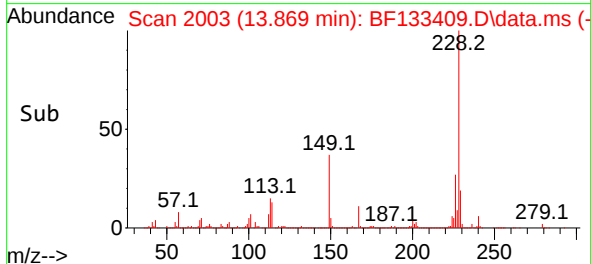
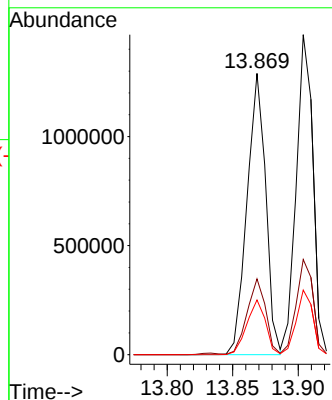
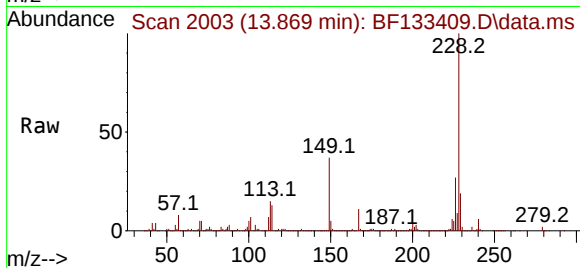




#81
Benzo(a)anthracene
Concen: 35.837 ng
RT: 13.869 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

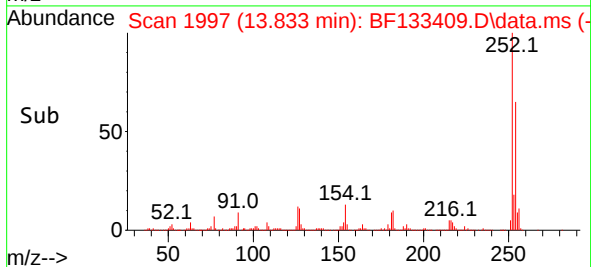
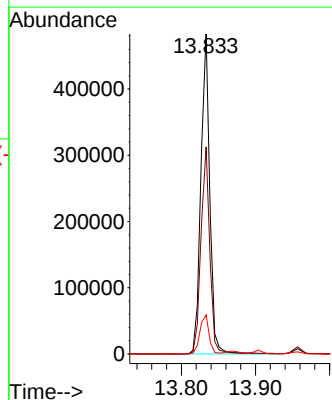
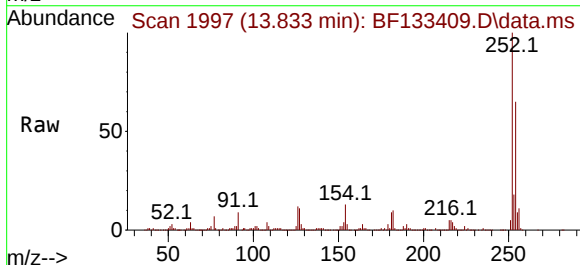
Instrument :
BNA_F
ClientSampleId :

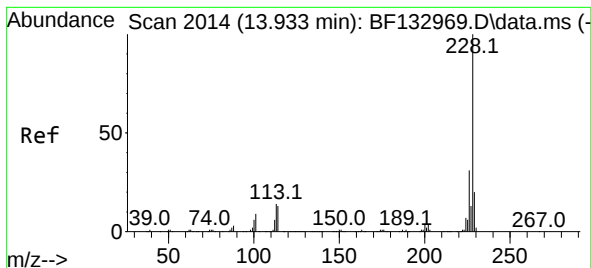
Tgt Ion:228 Resp: 1279602
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.5 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 40.779 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:252 Resp: 402235
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 12.2 9.5 14.3





#83

Chrysene

Concen: 36.759 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

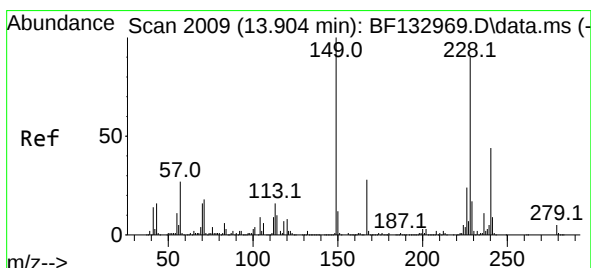
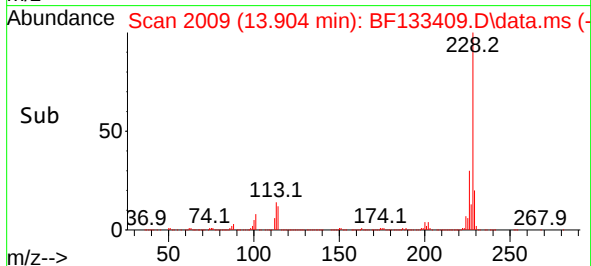
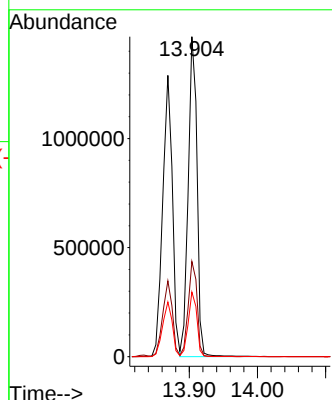
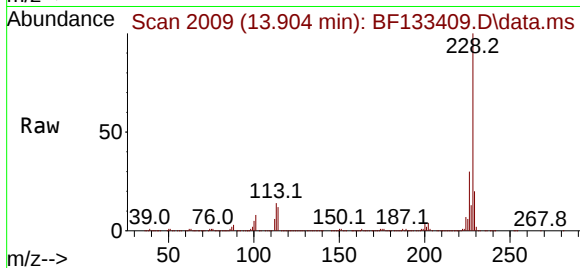
Tgt Ion:228 Resp: 1312182

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.311 ng

RT: 13.863 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

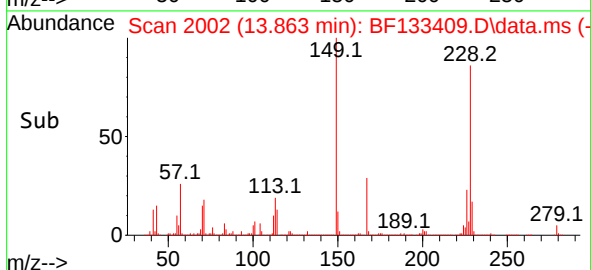
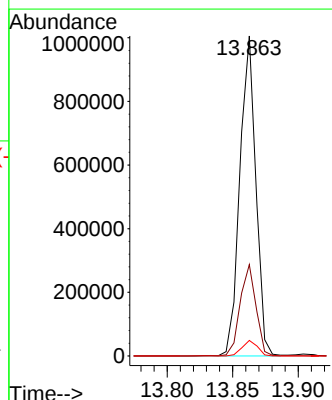
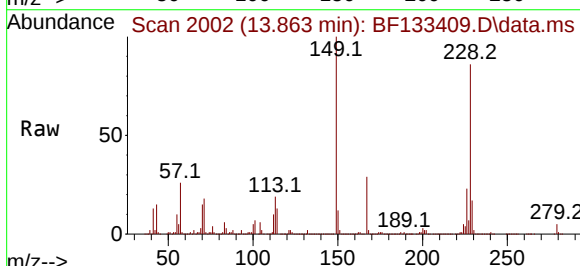
Tgt Ion:149 Resp: 856759

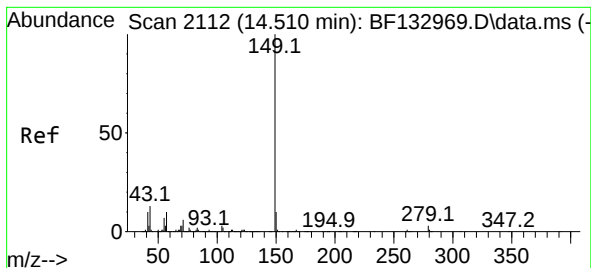
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.9 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 40.895 ng

RT: 14.474 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

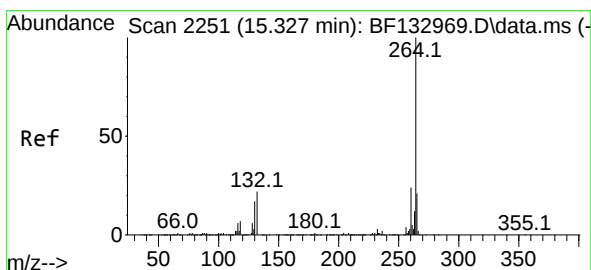
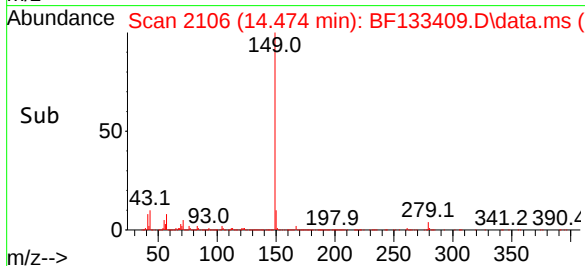
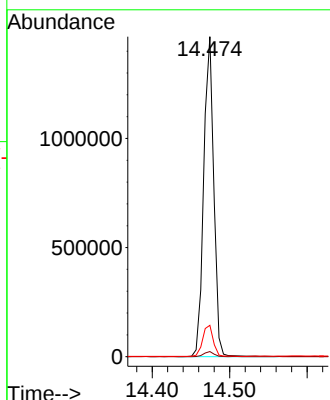
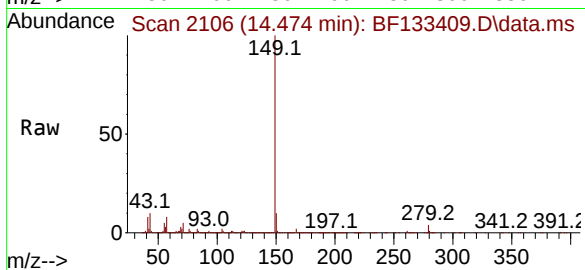
Tgt Ion:149 Resp: 1319051

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

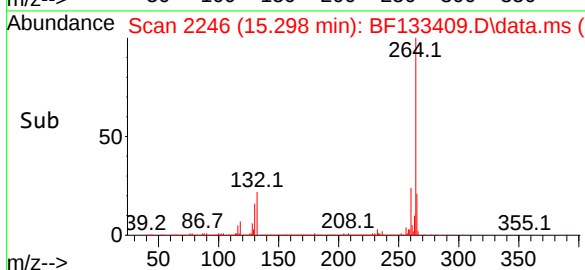
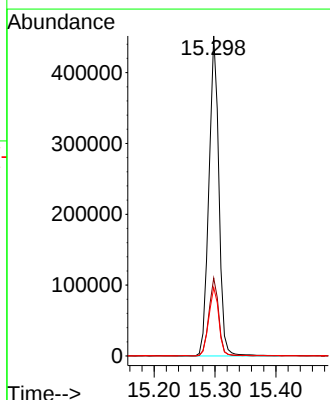
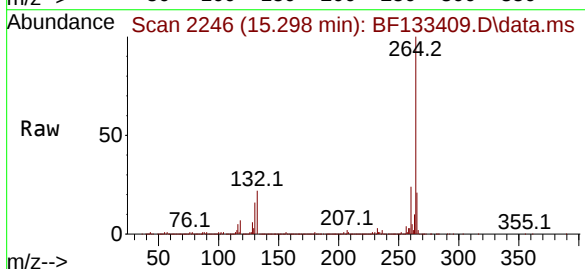
Tgt Ion:264 Resp: 514355

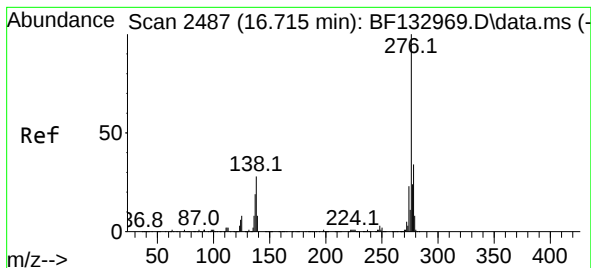
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.231 ng

RT: 16.686 min Scan# 2487

Delta R.T. -0.012 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

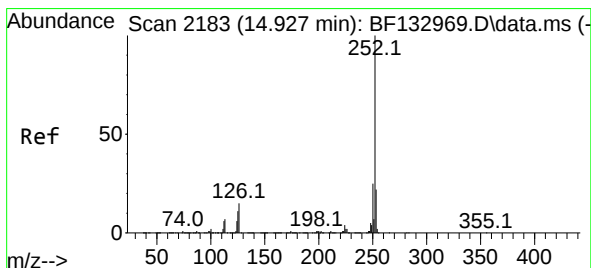
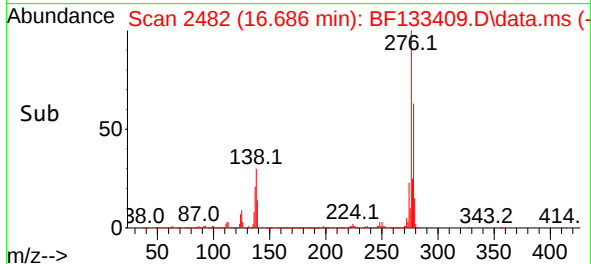
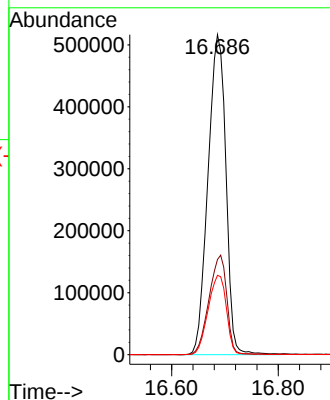
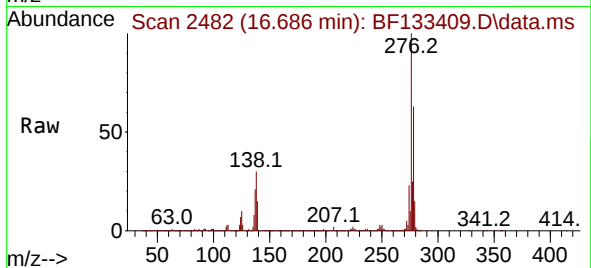
Tgt Ion:276 Resp: 1206309

Ion Ratio Lower Upper

276 100

138 30.9 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 35.040 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

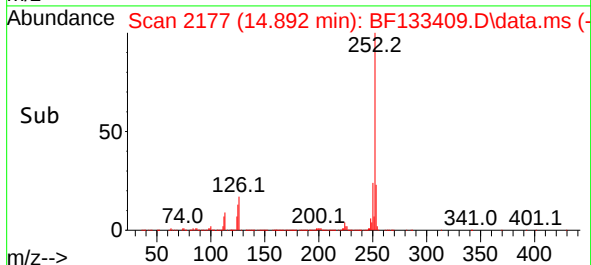
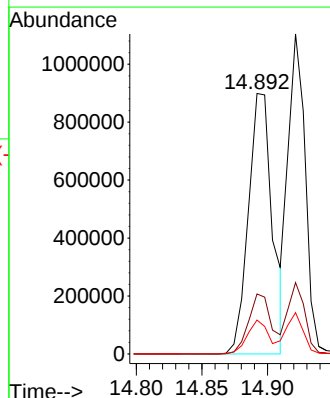
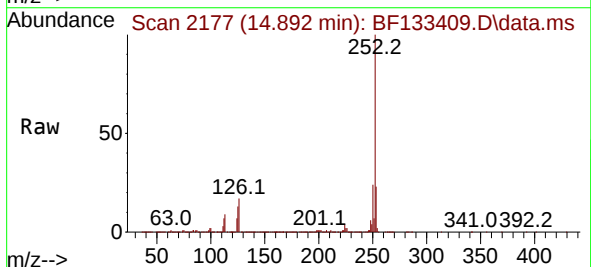
Tgt Ion:252 Resp: 1146602

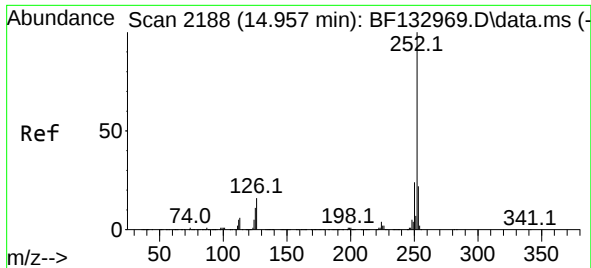
Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 13.0 8.9 13.3

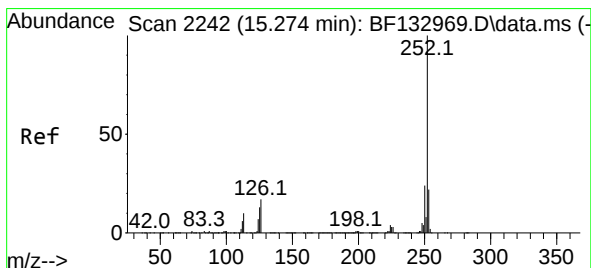
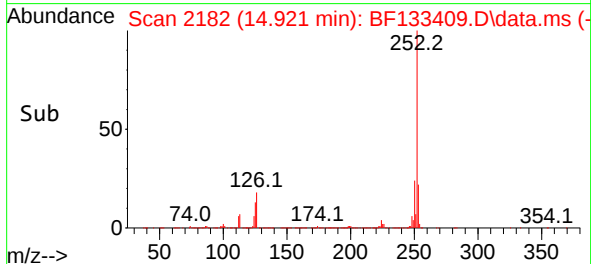
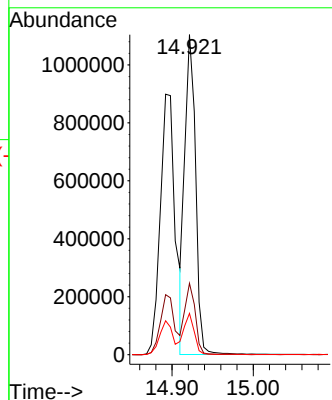
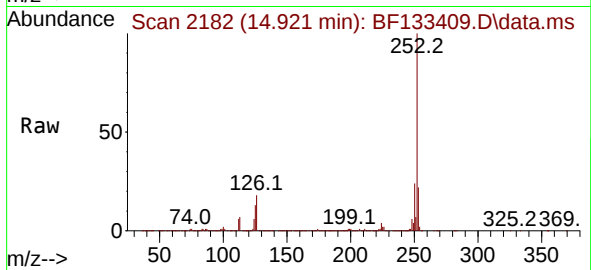




#89
Benzo(k)fluoranthene
Concen: 31.370 ng
RT: 14.921 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

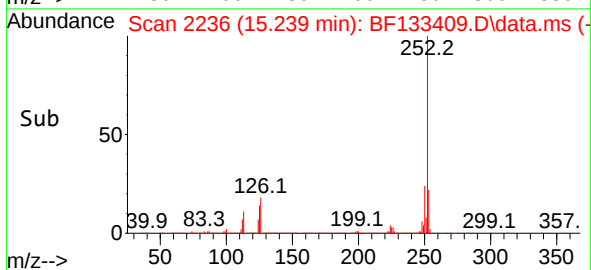
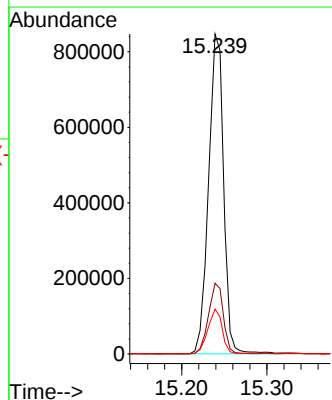
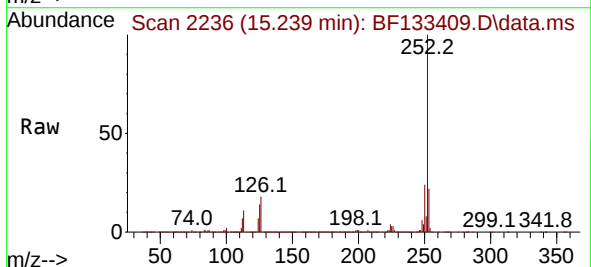
Instrument :
BNA_F
ClientSampleId :

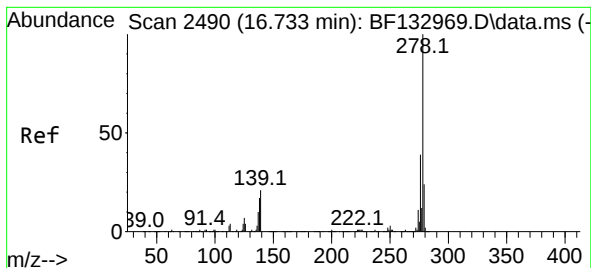
Tgt Ion:252 Resp: 1017566
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 34.888 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.006 min
Lab File: BF133409.D
Acq: 17 May 2023 12:28

Tgt Ion:252 Resp: 1039110
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 14.0 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 40.877 ng

RT: 16.698 min Scan# 2490

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Instrument :

BNA_F

ClientSampleId :

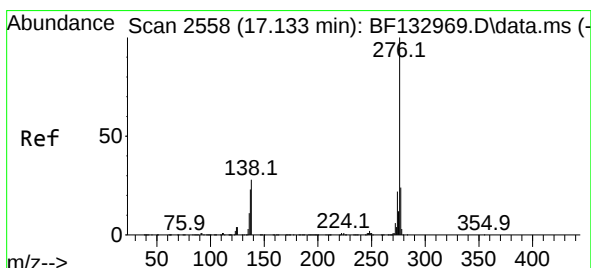
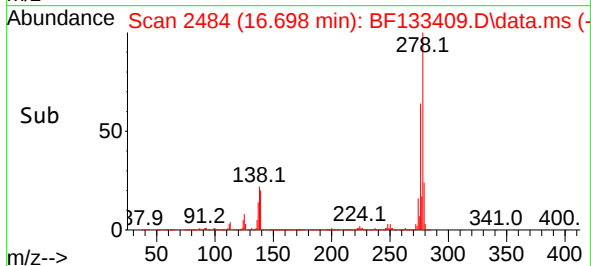
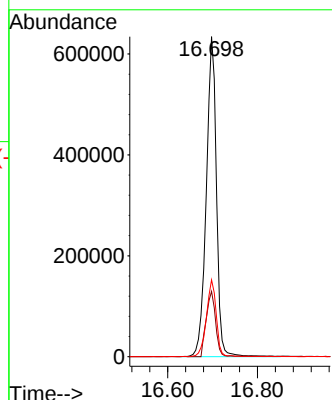
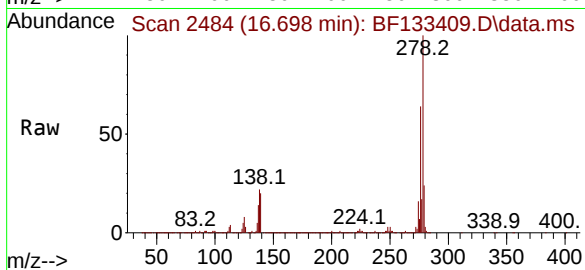
Tgt Ion:278 Resp: 997479

Ion Ratio Lower Upper

278 100

139 20.4 16.6 24.8

279 24.0 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 42.746 ng

RT: 17.104 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BF133409.D

Acq: 17 May 2023 12:28

Tgt Ion:276 Resp: 1029792

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 26.6 22.7 34.1

