

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133232.D
 Acq On : 04 May 2023 15:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 04 16:53:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	191150	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	755579	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	384725	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	707053	20.000	ng	0.00
76) Chrysene-d12	13.880	240	445522	20.000	ng	0.00
86) Perylene-d12	15.298	264	375696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	989240	78.177	ng	0.00
7) Phenol-d6	6.369	99	1199927	76.399	ng	0.00
23) Nitrobenzene-d5	7.298	82	1082565	77.336	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	297785	76.964	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1801261	78.329	ng	0.00
79) Terphenyl-d14	12.833	244	1976666	76.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	227222	38.714	ng	98
3) Pyridine	3.069	79	632954	40.603	ng	98
4) n-Nitrosodimethylamine	3.028	42	304081	37.659	ng	99
6) Aniline	6.393	93	777832	38.451	ng	100
8) 2-Chlorophenol	6.516	128	499821	38.903	ng	93
9) Benzaldehyde	6.275	77	284538	38.882	ng	99
10) Phenol	6.381	94	646782	37.329	ng	89
11) bis(2-Chloroethyl)ether	6.469	93	483906	37.218	ng	99
12) 1,3-Dichlorobenzene	6.669	146	520173	38.081	ng	98
13) 1,4-Dichlorobenzene	6.745	146	520218	38.000	ng	98
14) 1,2-Dichlorobenzene	6.898	146	507997	40.250	ng	96
15) Benzyl Alcohol	6.875	79	422883	38.978	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	806274	35.703	ng	98
17) 2-Methylphenol	6.993	107	455787	38.743	ng	99
18) Hexachloroethane	7.240	117	184977	38.865	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	345341	35.319	ng	94
20) 3+4-Methylphenols	7.145	107	530354	38.280	ng	94
22) Acetophenone	7.140	105	666188	38.062	ng	# 99
24) Nitrobenzene	7.316	77	546936	38.558	ng	100
25) Isophorone	7.551	82	988439	37.190	ng	97
26) 2-Nitrophenol	7.628	139	281733	41.179	ng	97
27) 2,4-Dimethylphenol	7.675	122	452772	38.594	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	589166	37.471	ng	99
29) 2,4-Dichlorophenol	7.875	162	424610	39.758	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	427710	38.657	ng	99
31) Naphthalene	8.034	128	1466016	38.808	ng	100
32) Benzoic acid	7.792	122	238146	32.863	ng	99
33) 4-Chloroaniline	8.087	127	628824	41.199	ng	99
34) Hexachlorobutadiene	8.157	225	236701	38.599	ng	98
35) Caprolactam	8.463	113	149401	41.642	ng	# 87
36) 4-Chloro-3-methylphenol	8.569	107	444472	38.593	ng	99
37) 2-Methylnaphthalene	8.728	142	994941	38.523	ng	98
38) 1-Methylnaphthalene	8.822	142	935227	38.709	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	396405	38.322	ng	99
41) Hexachlorocyclopentadiene	8.881	237	214321	35.526	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	279207	39.030	ng	98

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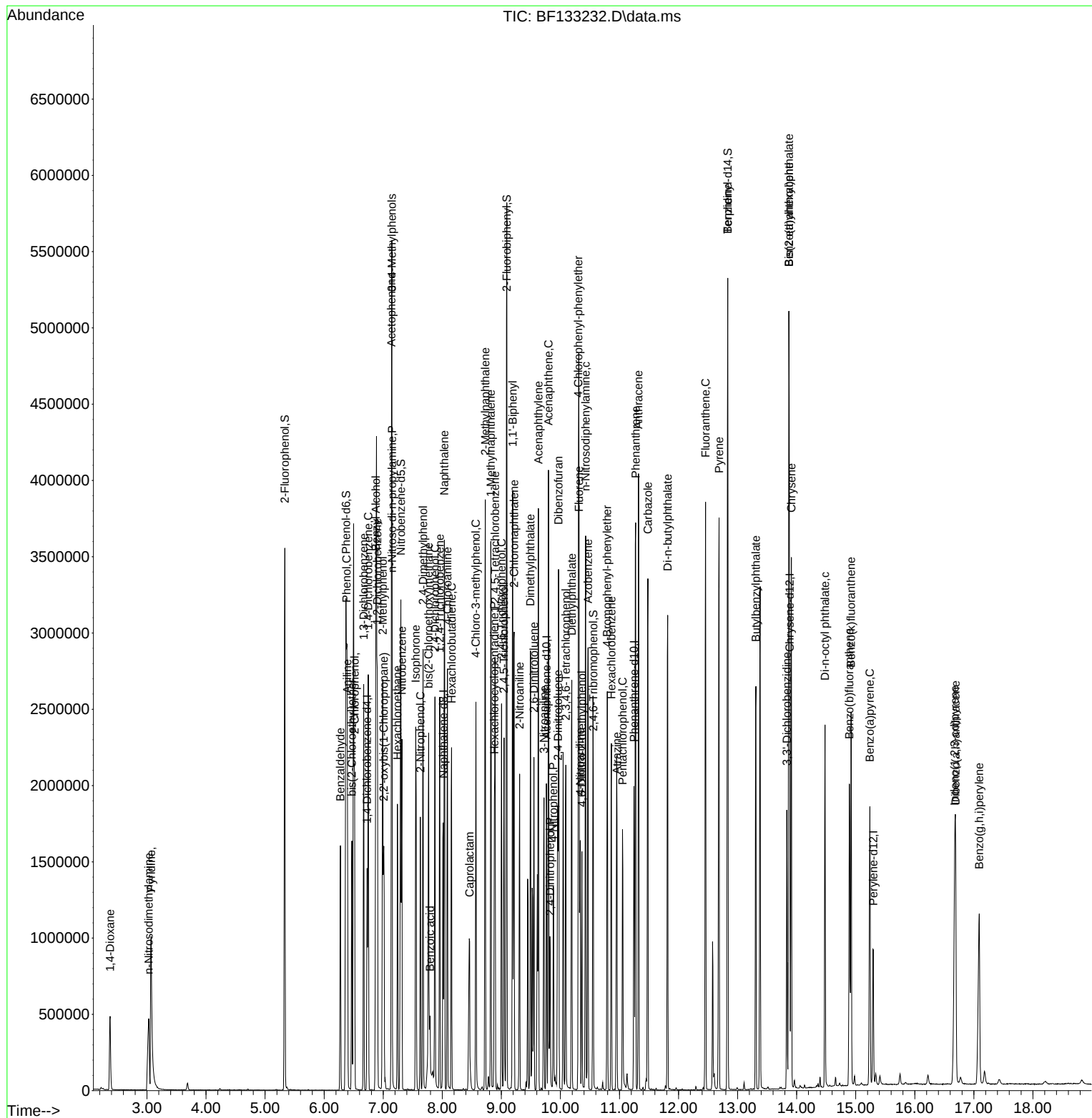
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	324713	39.248	ng	98
46) 1,1'-Biphenyl	9.192	154	1167279	38.263	ng	99
47) 2-Chloronaphthalene	9.216	162	871793	39.043	ng	98
48) 2-Nitroaniline	9.310	65	295956	40.104	ng	99
49) Acenaphthylene	9.628	152	1393822	39.066	ng	100
50) Dimethylphthalate	9.492	163	1057419	39.417	ng	100
51) 2,6-Dinitrotoluene	9.551	165	243973	40.407	ng	98
52) Acenaphthene	9.798	154	865566	36.223	ng	99
53) 3-Nitroaniline	9.722	138	295591	41.173	ng	98
54) 2,4-Dinitrophenol	9.828	184	120185	39.601	ng	94
55) Dibenzofuran	9.969	168	1273102	39.057	ng	98
56) 4-Nitrophenol	9.881	139	211775	38.086	ng	87
57) 2,4-Dinitrotoluene	9.957	165	325620	42.288	ng	88
58) Fluorene	10.316	166	933911	39.107	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	248552	38.751	ng	99
60) Diethylphthalate	10.192	149	1008791	39.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	446109	38.333	ng	96
62) 4-Nitroaniline	10.334	138	295984	44.857	ng	97
63) Azobenzene	10.469	77	1018753	37.953	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	180898	42.211	ng	82
66) n-Nitrosodiphenylamine	10.428	169	856914	37.363	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	282340	36.819	ng	93
68) Hexachlorobenzene	10.863	284	287470	36.584	ng	100
69) Atrazine	10.957	200	264856	40.078	ng	99
70) Pentachlorophenol	11.051	266	201491	36.005	ng	98
71) Phenanthrene	11.275	178	1432983	37.708	ng	100
72) Anthracene	11.322	178	1485969	38.209	ng	99
73) Carbazole	11.480	167	1336391	38.591	ng	100
74) Di-n-butylphthalate	11.816	149	1553994	39.654	ng	99
75) Fluoranthene	12.457	202	1464733	38.405	ng	98
77) Benzidine	12.833	184	25285	3.356	ng	94
78) Pyrene	12.686	202	1500391	39.286	ng	99
80) Butylbenzylphthalate	13.310	149	622842	46.059	ng	99
81) Benzo(a)anthracene	13.869	228	1134121	37.018	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	350070	41.362	ng	98
83) Chrysene	13.910	228	1136799	37.114	ng	99
84) Bis(2-ethylhexyl)phtha...	13.869	149	654737	38.574	ng	99
85) Di-n-octyl phthalate	14.480	149	1030684	37.241	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	975176	45.632	ng	99
88) Benzo(b)fluoranthene	14.892	252	952420	39.848	ng	99
89) Benzo(k)fluoranthene	14.921	252	855643	36.114	ng	99
90) Benzo(a)pyrene	15.239	252	840514	38.635	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	813417	45.636	ng	98
92) Benzo(g,h,i)perylene	17.092	276	824694	46.866	ng	98

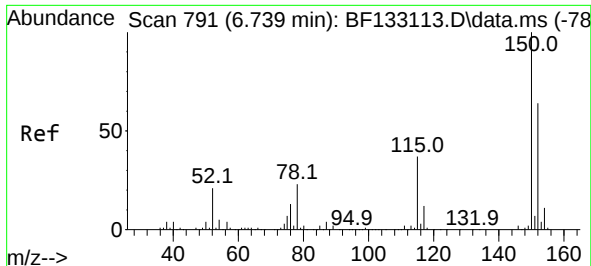
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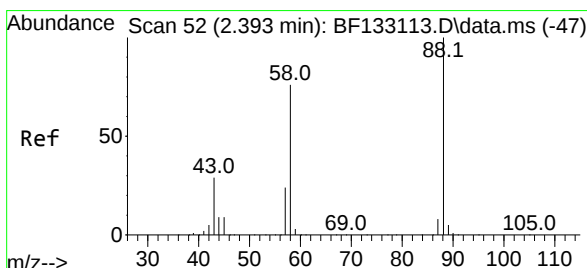
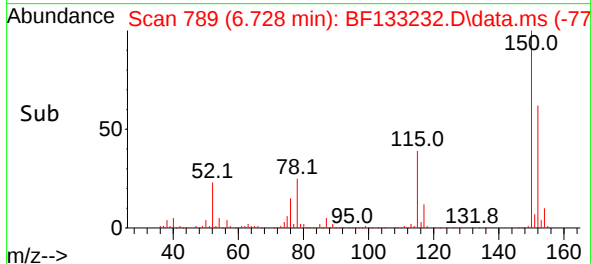
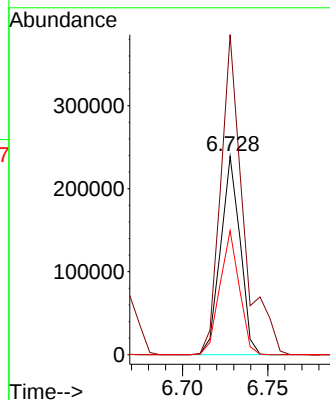
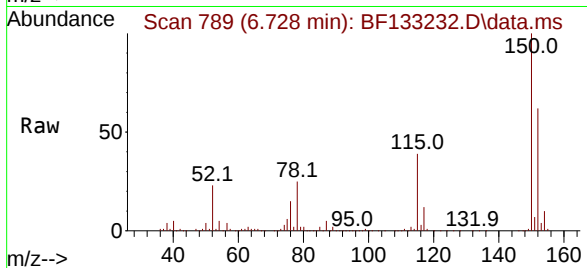




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

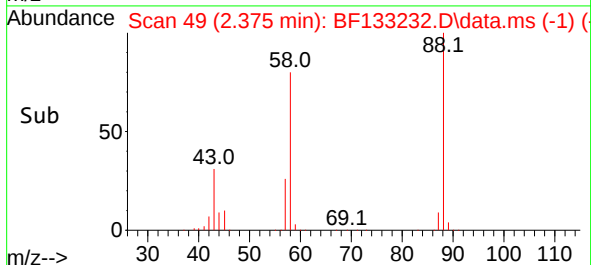
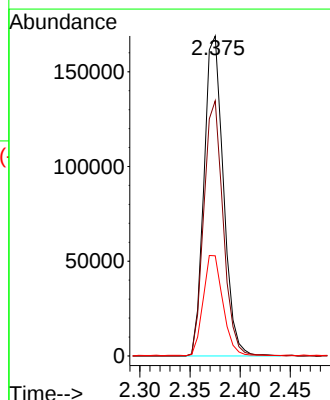
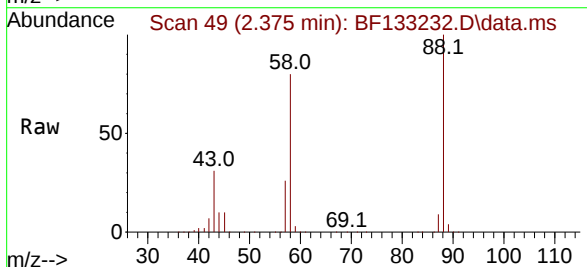
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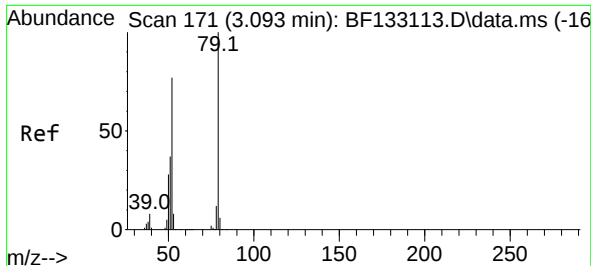
Tgt Ion:152 Resp: 191150
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.8 187.2
 115 62.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 38.714 ng
 RT: 2.375 min Scan# 49
 Delta R.T. -0.018 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

Tgt Ion: 88 Resp: 227222
 Ion Ratio Lower Upper
 88 100
 58 79.4 64.7 97.1
 43 31.8 26.2 39.2

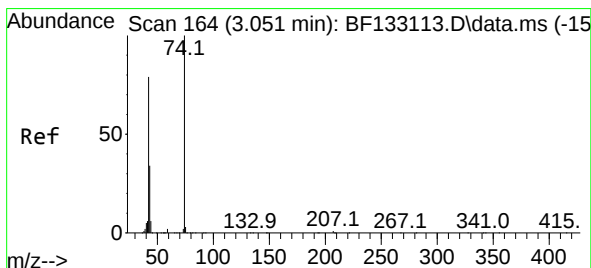
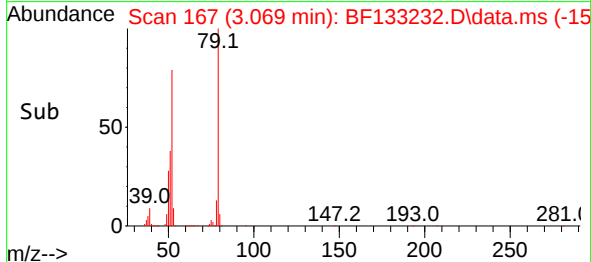
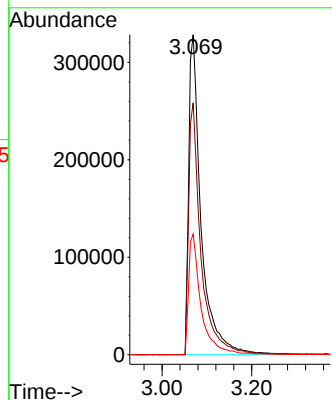
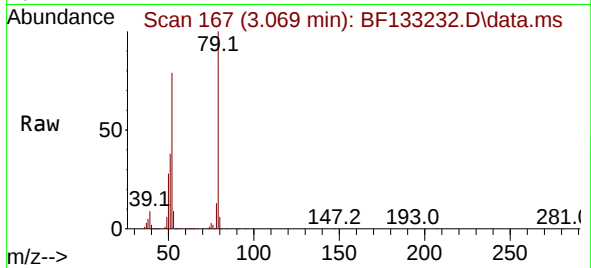




#3
Pyridine
Concen: 40.603 ng
RT: 3.069 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

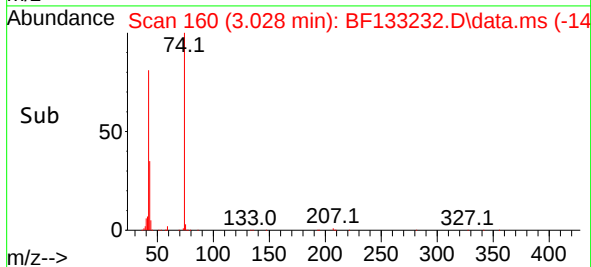
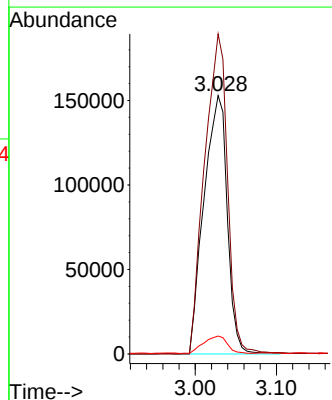
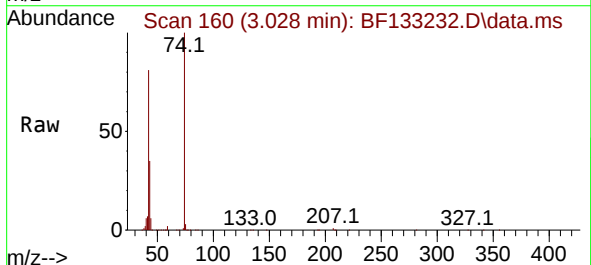
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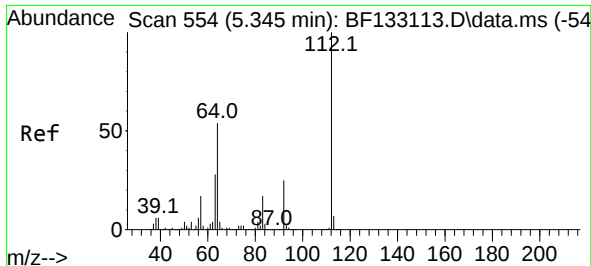
Tgt Ion: 79 Resp: 632954
Ion Ratio Lower Upper
79 100
52 78.7 64.6 96.8
51 37.7 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 37.659 ng
RT: 3.028 min Scan# 160
Delta R.T. -0.023 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 42 Resp: 304081
Ion Ratio Lower Upper
42 100
74 123.9 98.0 147.0
44 7.0 5.8 8.8

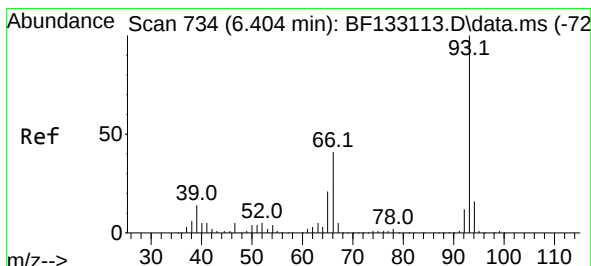
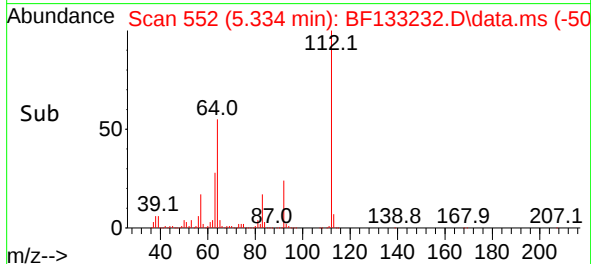
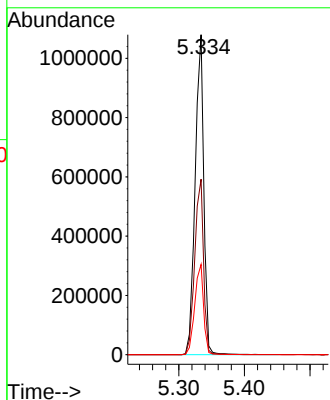
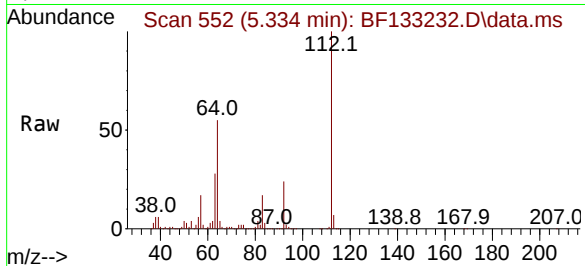




#5
2-Fluorophenol
Concen: 78.177 ng
RT: 5.334 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

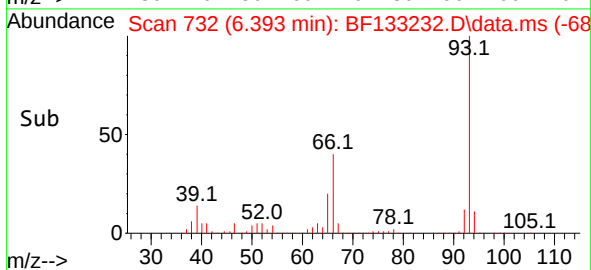
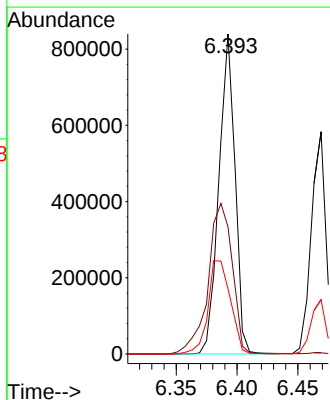
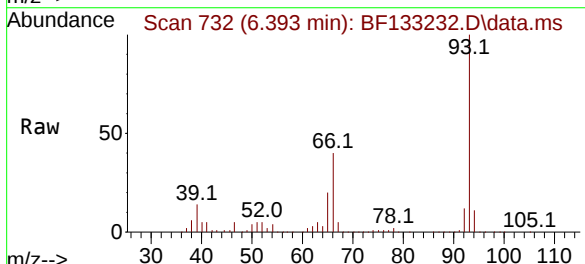
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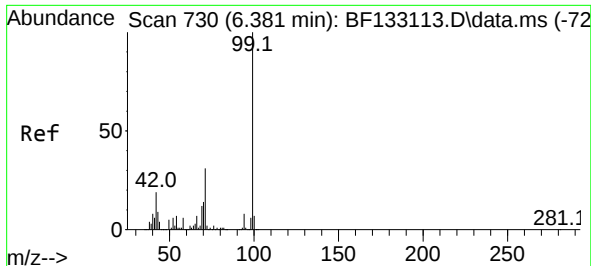
Tgt Ion:112 Resp: 989240
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 23.8 35.8



#6
Aniline
Concen: 38.451 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 93 Resp: 777832
Ion Ratio Lower Upper
93 100
66 39.8 31.5 47.3
65 20.4 16.4 24.6

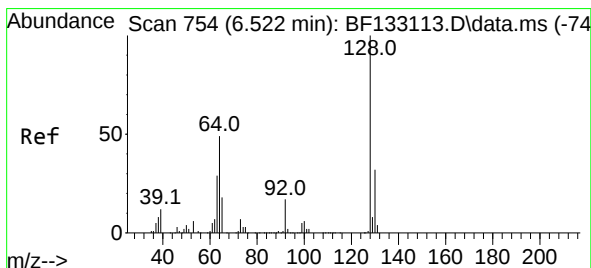
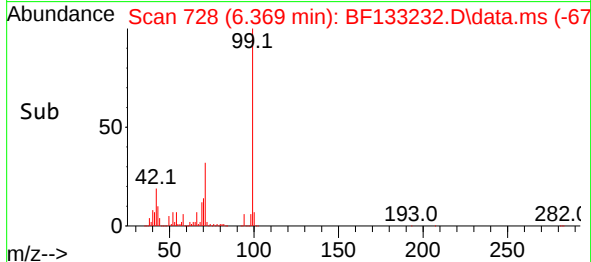
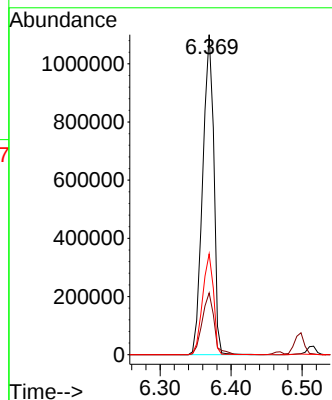
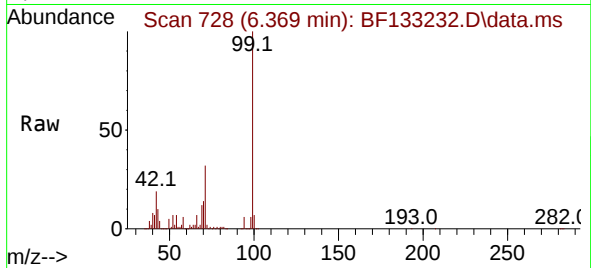




#7
Phenol-d6
Concen: 76.399 ng
RT: 6.369 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

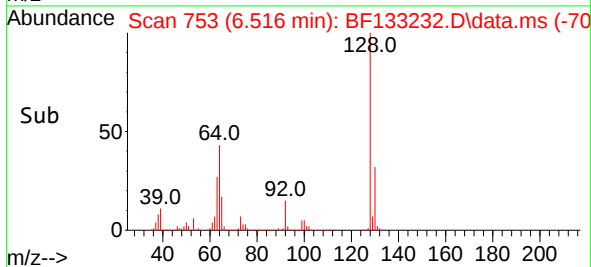
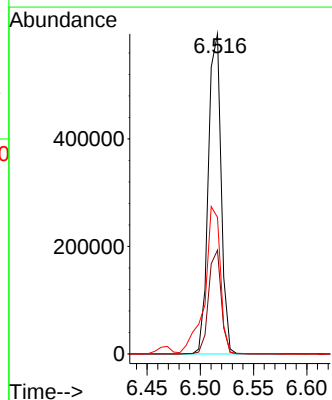
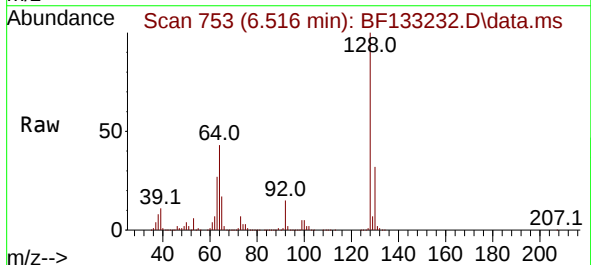
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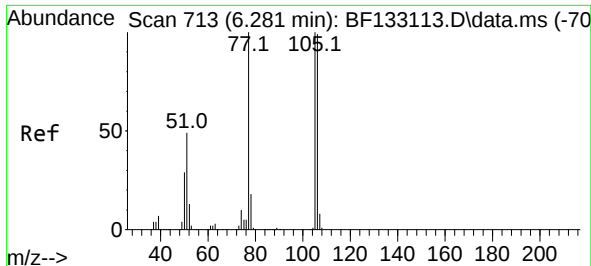
Tgt Ion: 99 Resp: 1199927
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 38.903 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 128 Resp: 499821
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 42.7 30.3 70.3

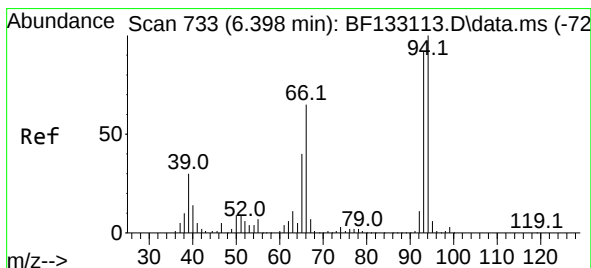
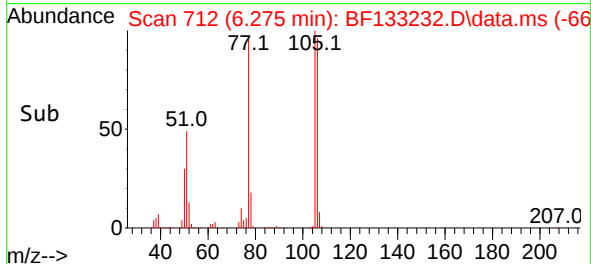
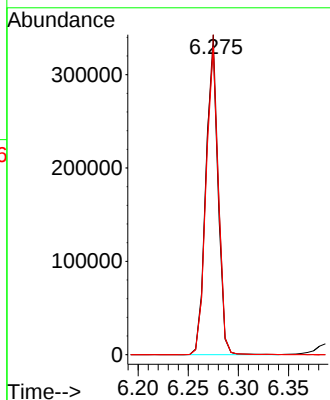
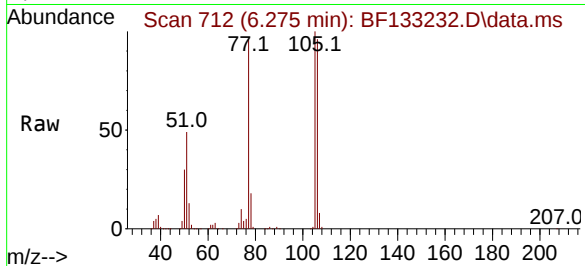




#9
Benzaldehyde
Concen: 38.882 ng
RT: 6.275 min Scan# 713
Delta R.T. 0.000 min
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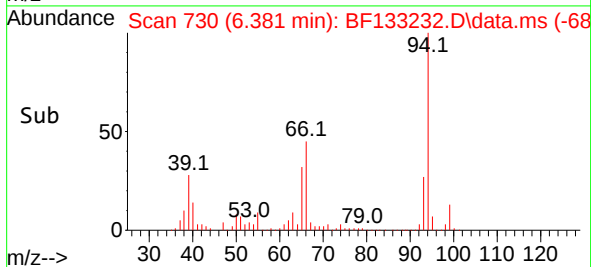
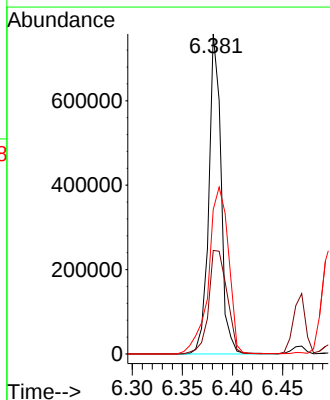
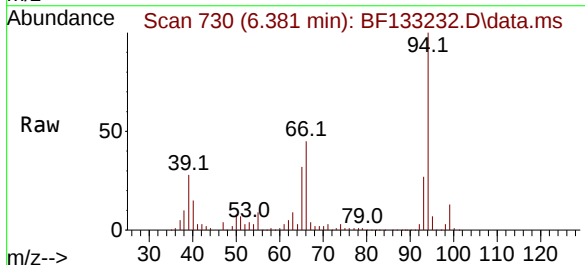
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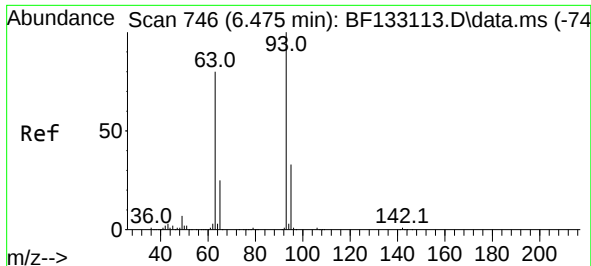
Tgt Ion: 77 Resp: 284538
Ion Ratio Lower Upper
77 100
105 104.1 82.3 122.3
106 100.0 80.8 120.8



#10
Phenol
Concen: 37.329 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 94 Resp: 646782
Ion Ratio Lower Upper
94 100
65 32.4 8.6 48.6
66 45.2 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 37.218 ng

RT: 6.469 min Scan# 746

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

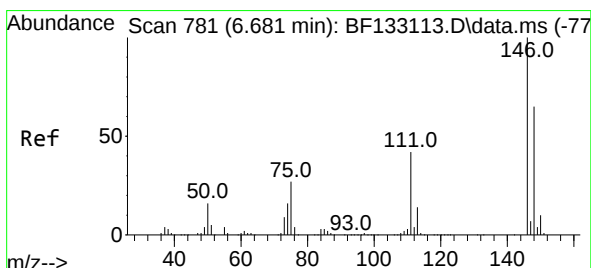
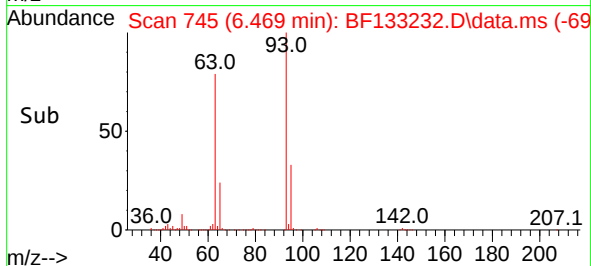
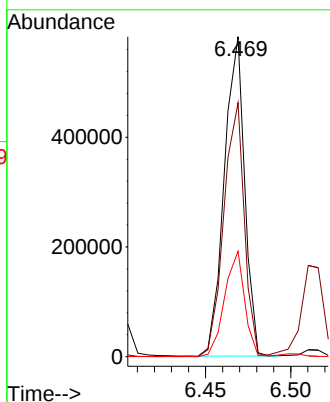
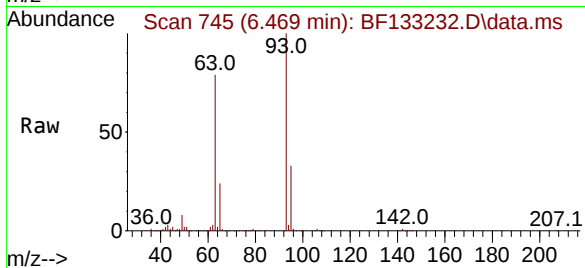
Tgt Ion: 93 Resp: 483906

Ion Ratio Lower Upper

93 100

63 79.3 60.6 100.6

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.081 ng

RT: 6.669 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

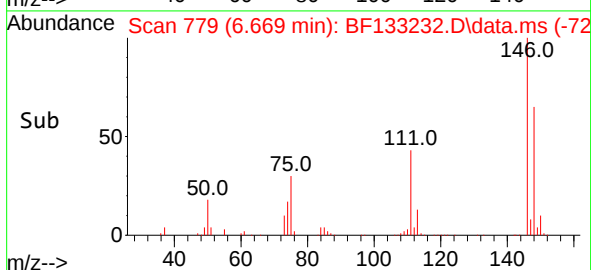
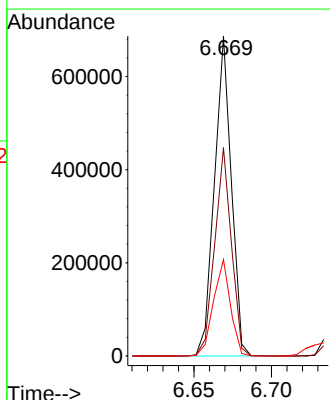
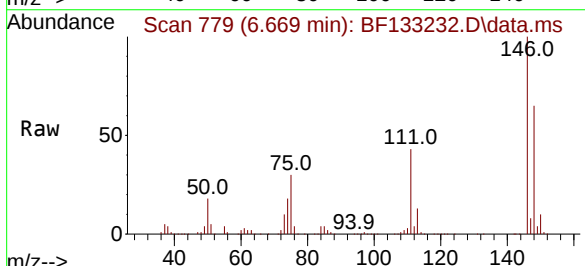
Tgt Ion:146 Resp: 520173

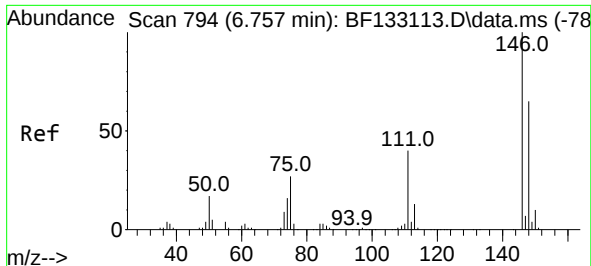
Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.4

75 30.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 38.000 ng

RT: 6.745 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

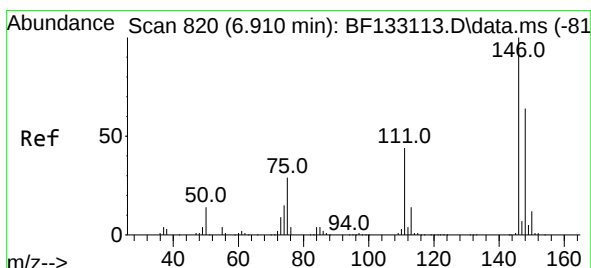
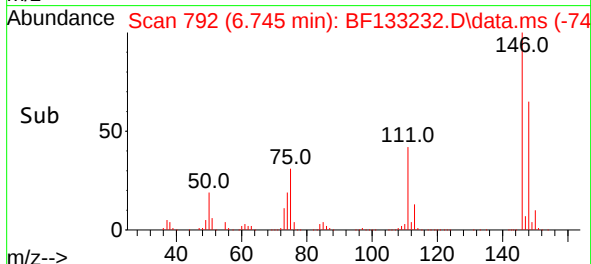
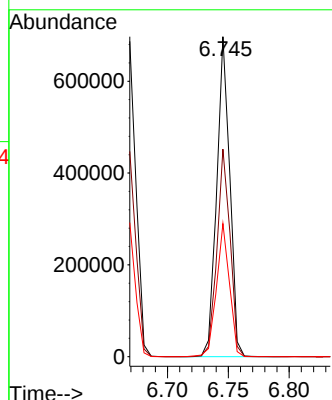
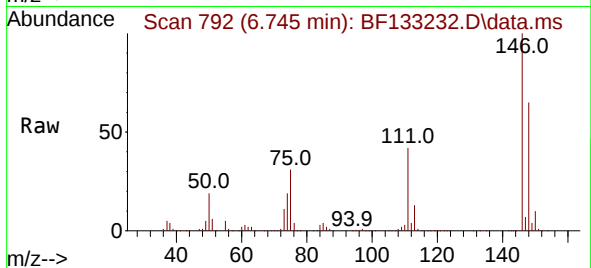
Tgt Ion:146 Resp: 520218

Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

111 41.6 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.250 ng

RT: 6.898 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

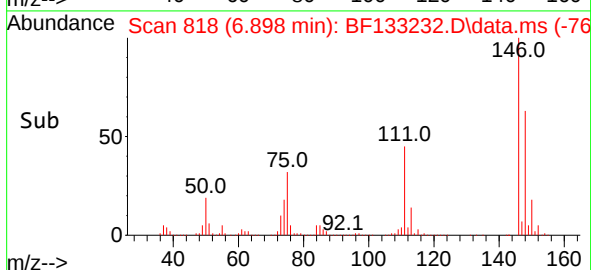
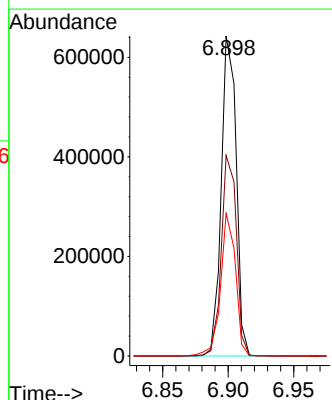
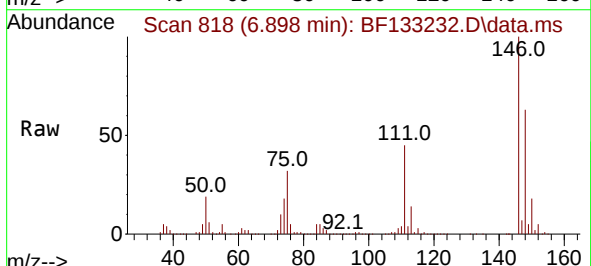
Tgt Ion:146 Resp: 507997

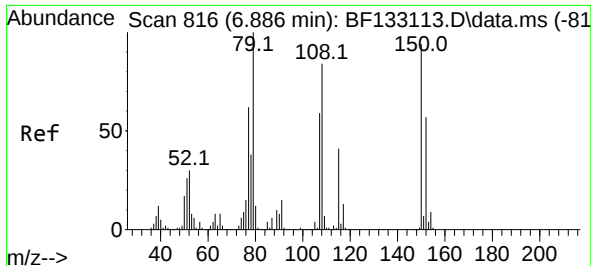
Ion Ratio Lower Upper

146 100

148 62.7 52.2 78.2

111 44.5 32.8 49.2

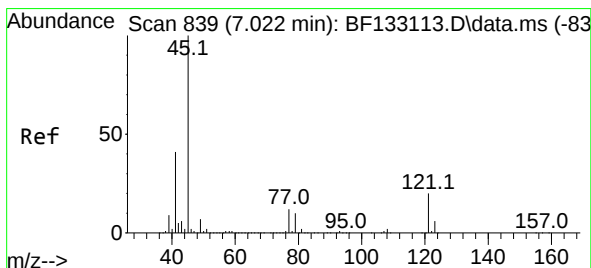
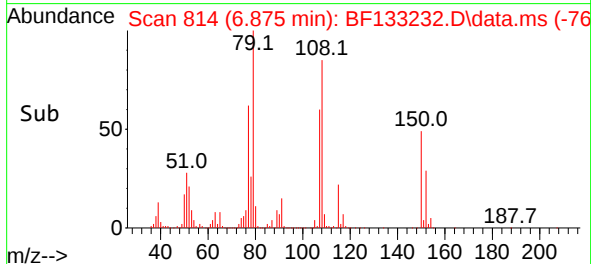
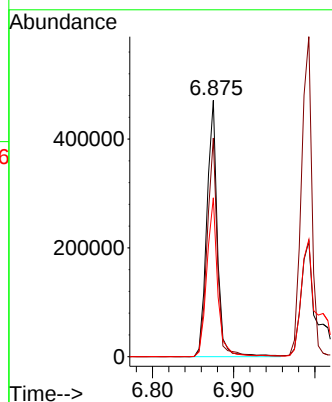
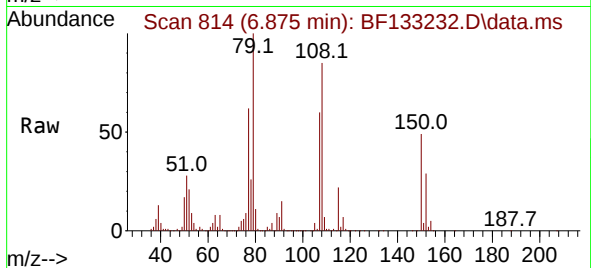




#15
Benzyl Alcohol
Concen: 38.978 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

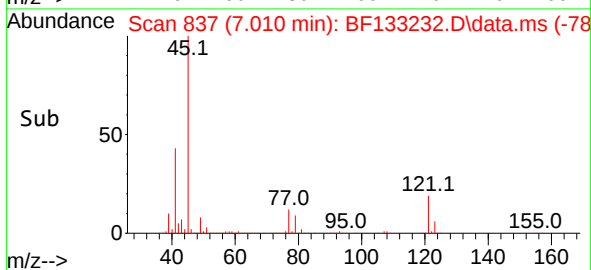
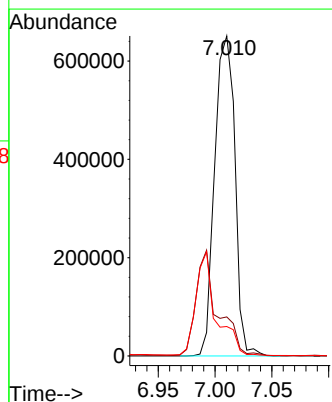
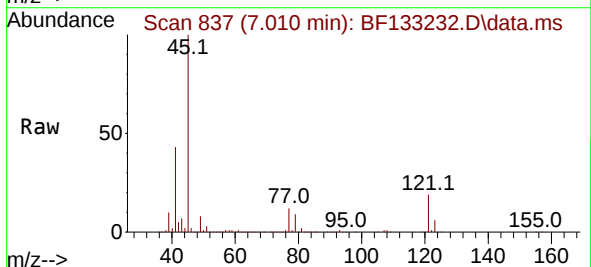
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

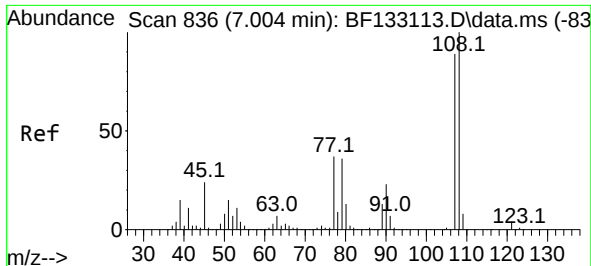
Tgt Ion: 79 Resp: 422883
Ion Ratio Lower Upper
79 100
108 85.3 66.6 99.8
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.703 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 45 Resp: 806274
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.5
79 9.2 0.0 28.7

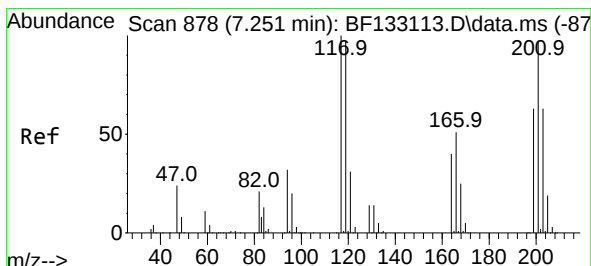
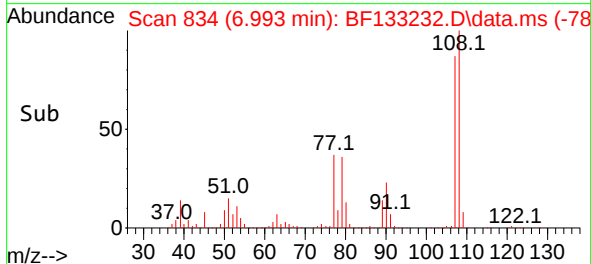
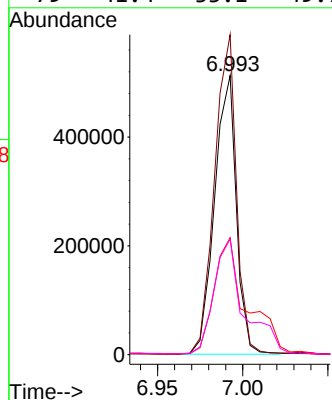
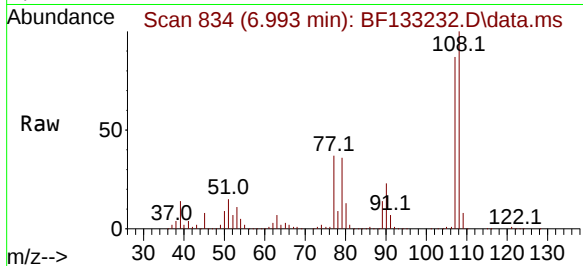




#17
2-Methylphenol
Concen: 38.743 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

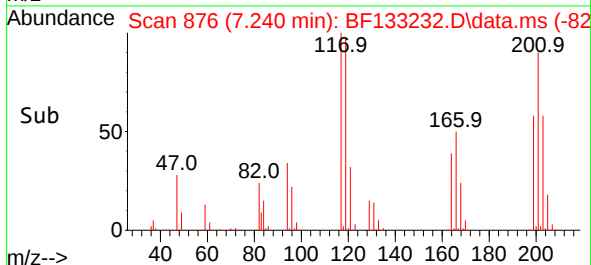
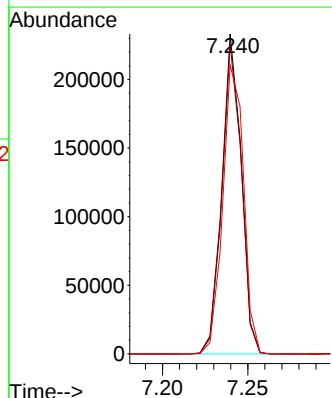
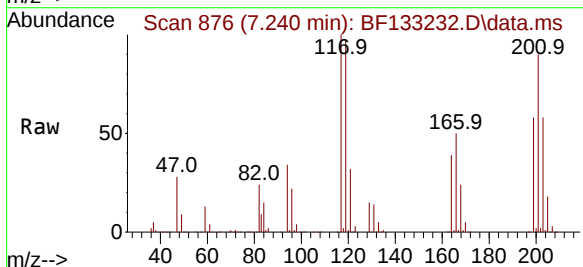
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

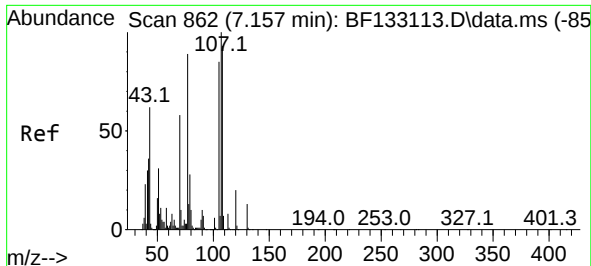
Tgt Ion:	107	Resp:	455787
Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.4	138.6
77	41.9	33.8	50.8
79	41.4	33.1	49.7



#18
Hexachloroethane
Concen: 38.865 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:	117	Resp:	184977
Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.2	117.4
201	90.4	81.7	122.5

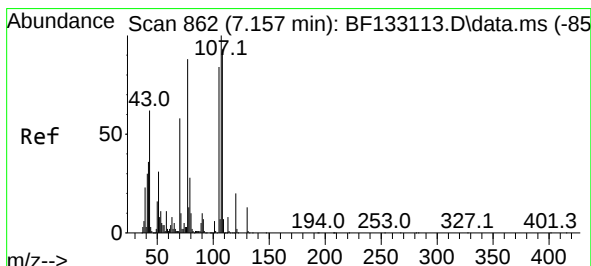
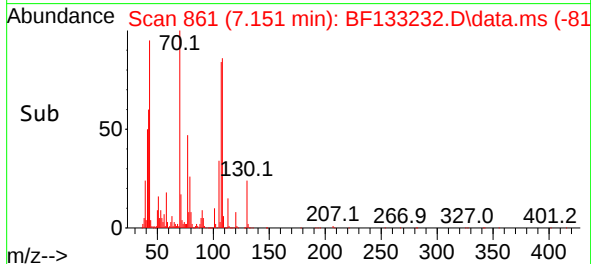
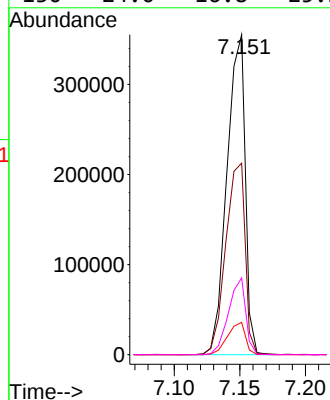
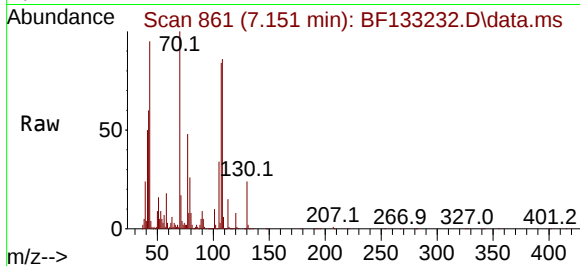




#19
n-Nitroso-di-n-propylamine
Concen: 35.319 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

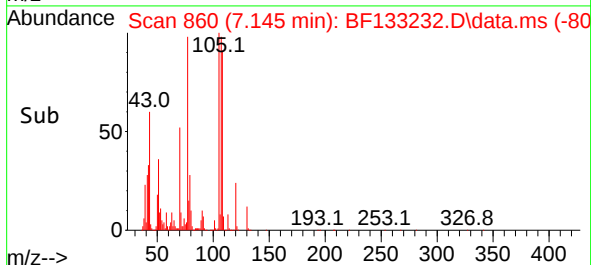
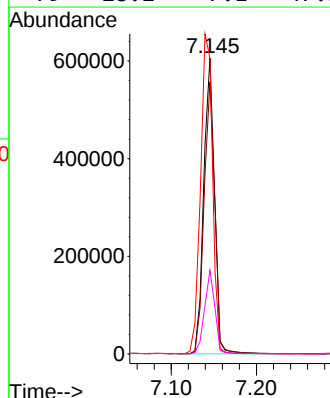
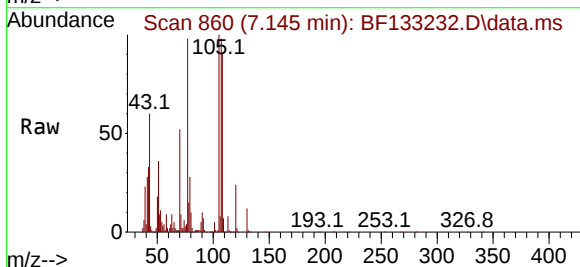
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

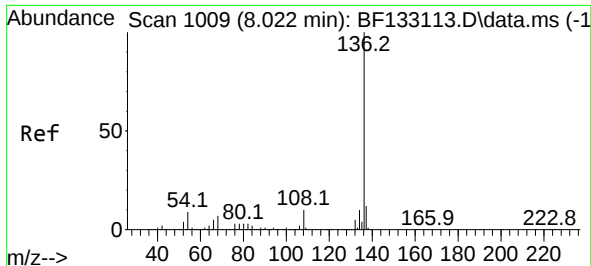
Tgt Ion: 70 Resp: 345341
Ion Ratio Lower Upper
70 100
42 59.9 51.8 77.6
101 10.1 8.0 12.0
130 24.0 16.8 25.2



#20
3+4-Methylphenols
Concen: 38.280 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 107 Resp: 530354
Ion Ratio Lower Upper
107 100
108 92.0 70.5 110.5
77 100.0 91.7 131.7
79 28.2 7.1 47.1

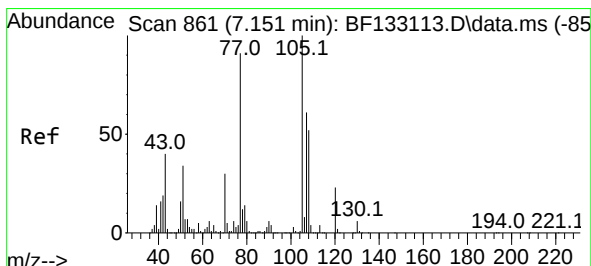
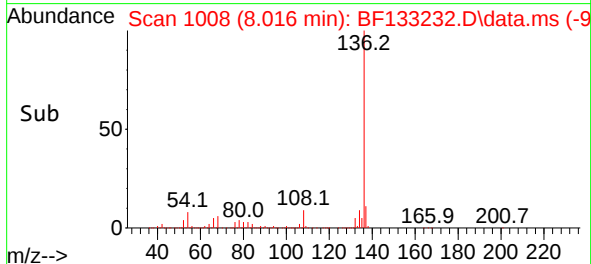
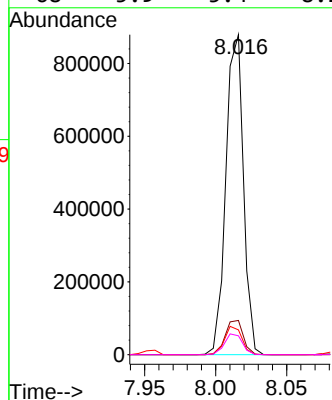
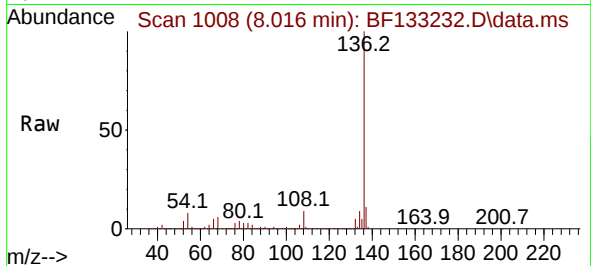




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

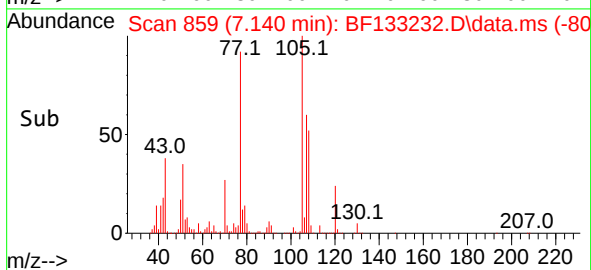
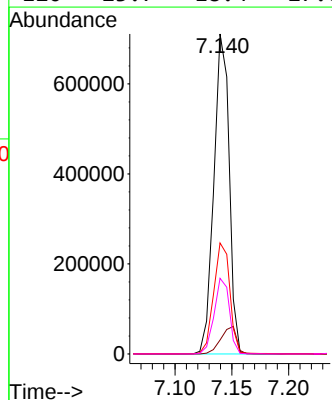
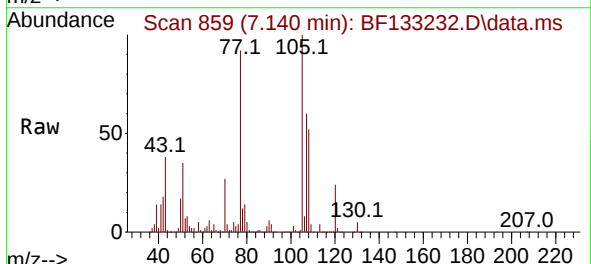
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

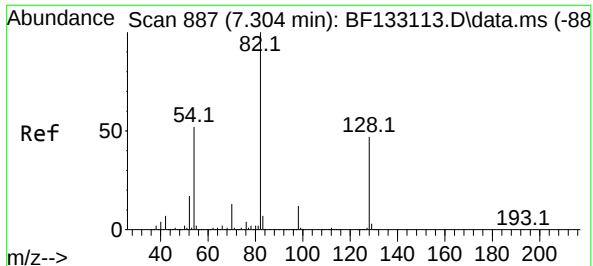
Tgt Ion:136	Resp: 755579
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 7.8	7.0 10.4
68 5.9	5.4 8.2



#22
Acetophenone
Concen: 38.062 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt	Ion:105	Resp:	666188
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.6	7.0#
51	34.7	28.2	42.2
120	23.7	18.4	27.6





#23

Nitrobenzene-d5

Concen: 77.336 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

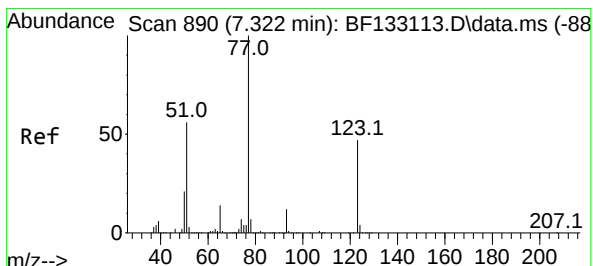
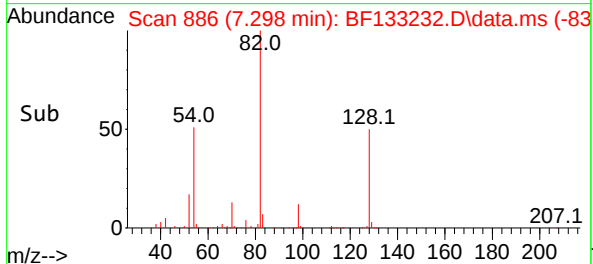
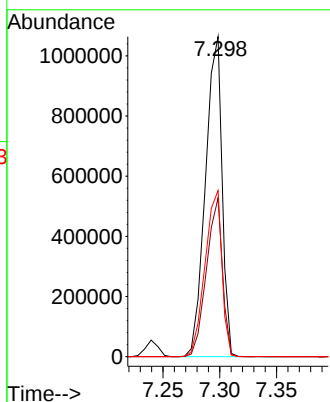
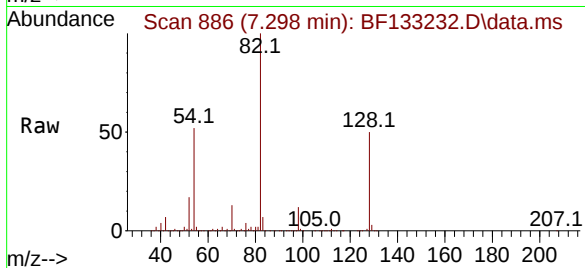
Tgt Ion: 82 Resp: 1082565

Ion Ratio Lower Upper

82 100

128 49.5 37.7 56.5

54 51.9 43.0 64.4



#24

Nitrobenzene

Concen: 38.558 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

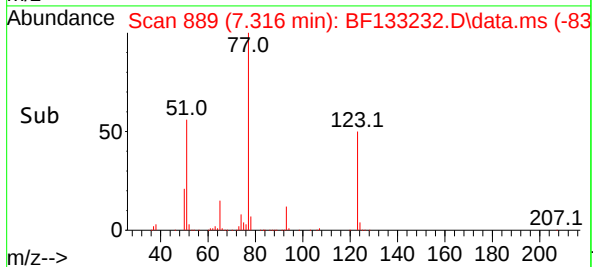
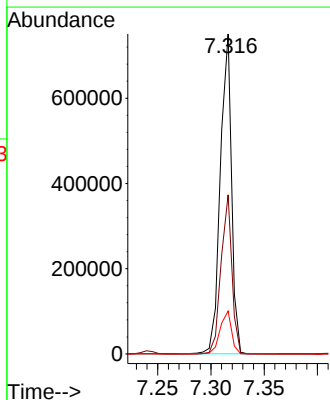
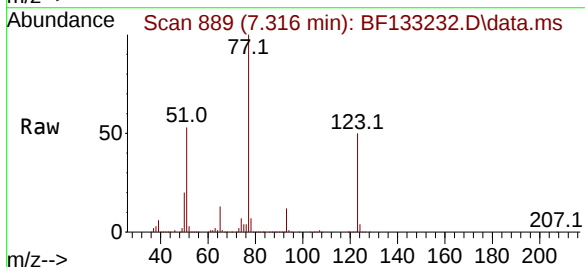
Tgt Ion: 77 Resp: 546936

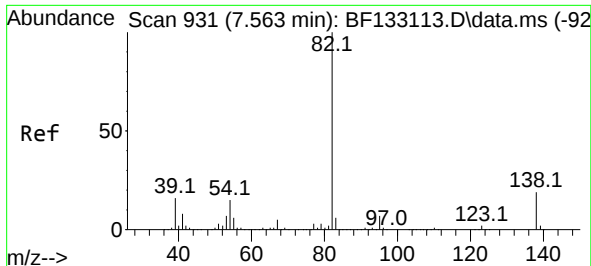
Ion Ratio Lower Upper

77 100

123 49.7 39.9 59.9

65 13.4 10.7 16.1

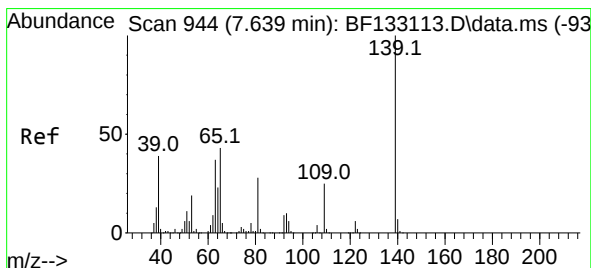
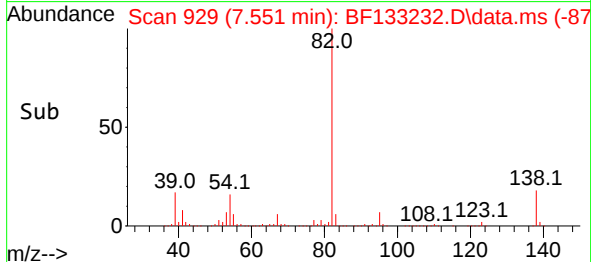
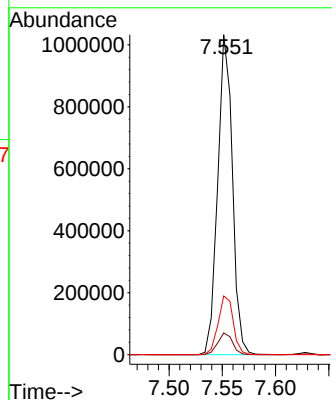
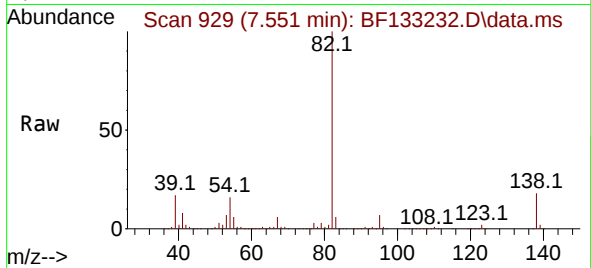




#25
Isophorone
Concen: 37.190 ng
RT: 7.551 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

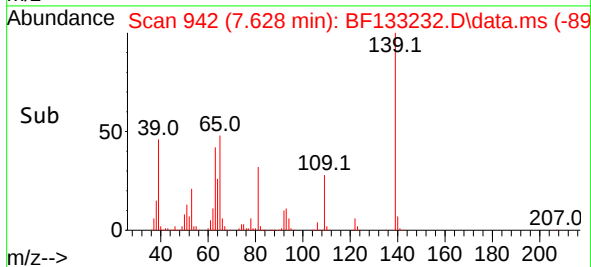
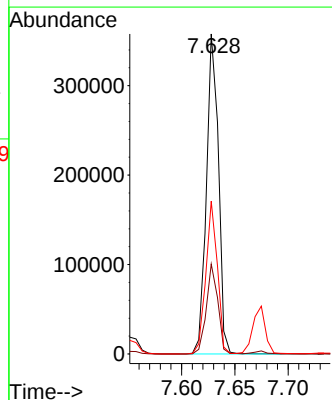
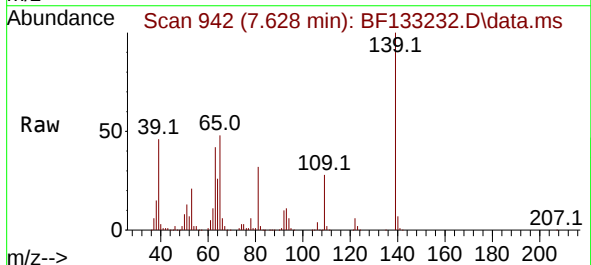
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

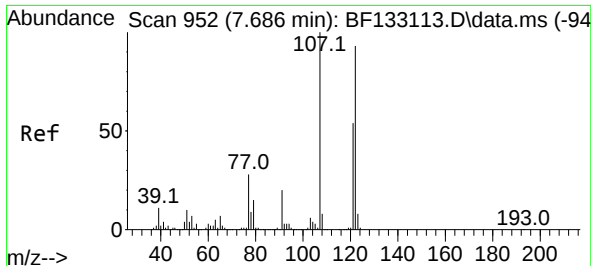
Tgt Ion: 82 Resp: 988439
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.4 16.0 24.0



#26
2-Nitrophenol
Concen: 41.179 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 139 Resp: 281733
Ion Ratio Lower Upper
139 100
109 28.1 21.6 32.4
65 47.7 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 38.594 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133232.D

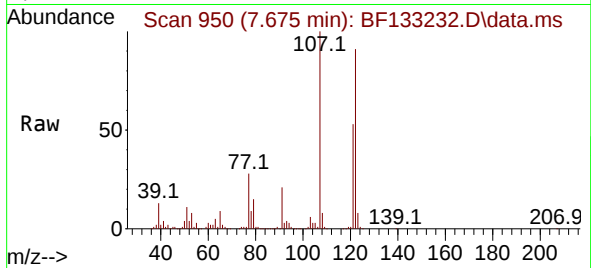
Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



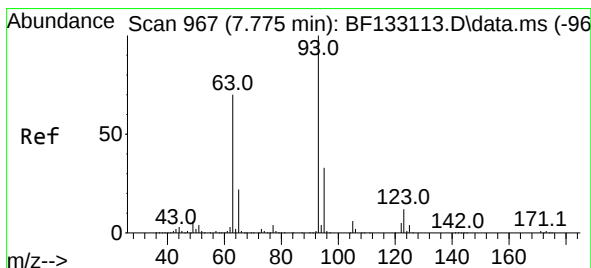
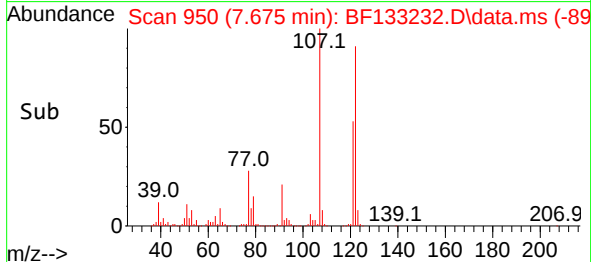
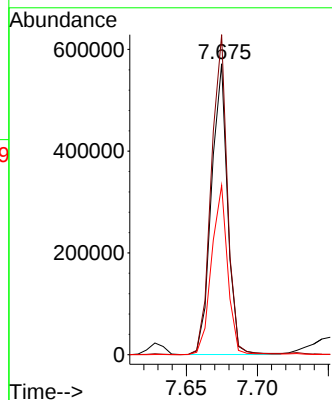
Tgt Ion:122 Resp: 452772

Ion Ratio Lower Upper

122 100

107 110.0 89.7 134.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.471 ng

RT: 7.769 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

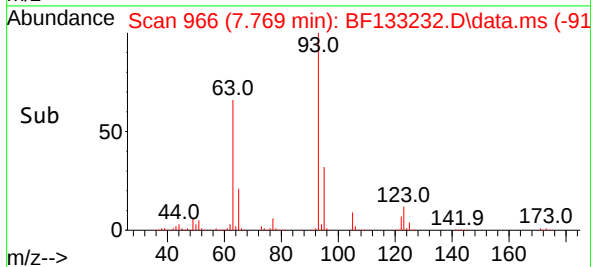
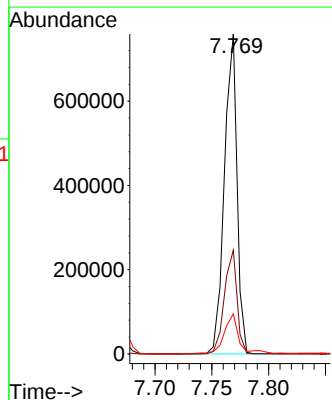
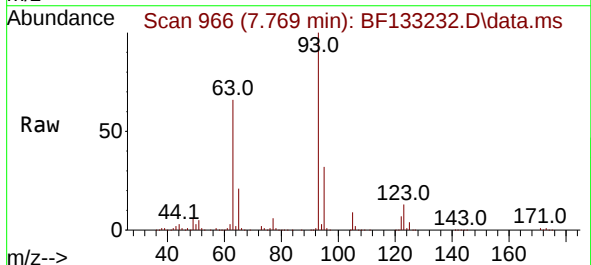
Tgt Ion: 93 Resp: 589166

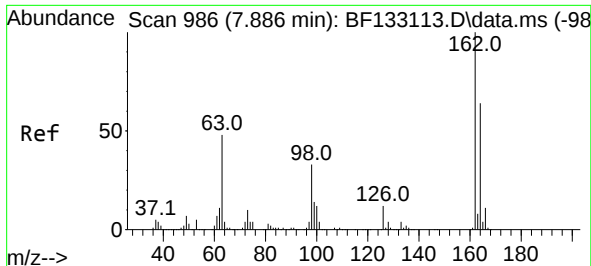
Ion Ratio Lower Upper

93 100

95 32.4 26.4 39.6

123 12.6 10.3 15.5

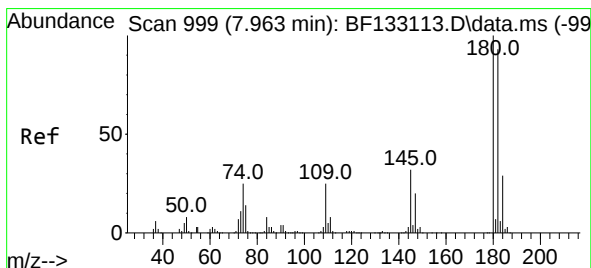
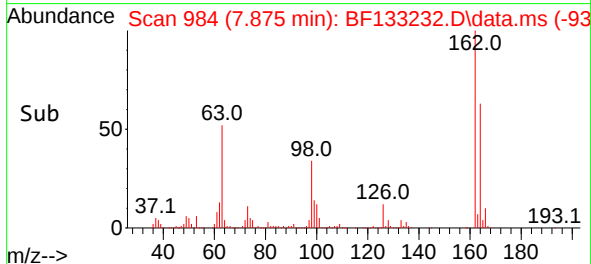
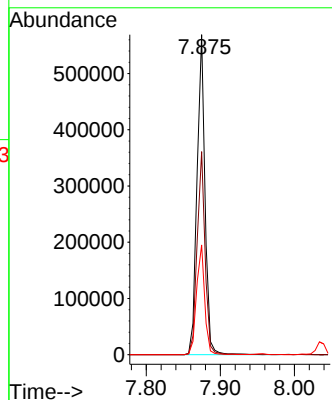
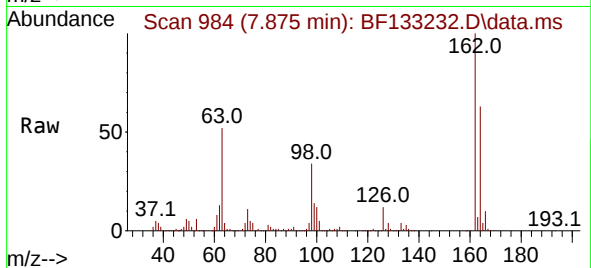




#29
2,4-Dichlorophenol
Concen: 39.758 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

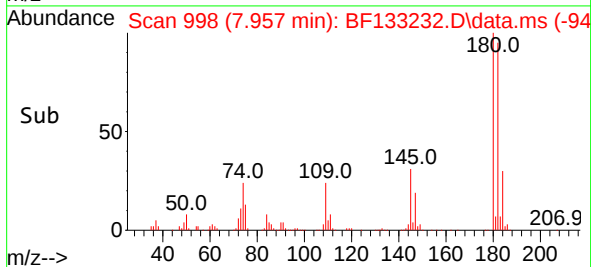
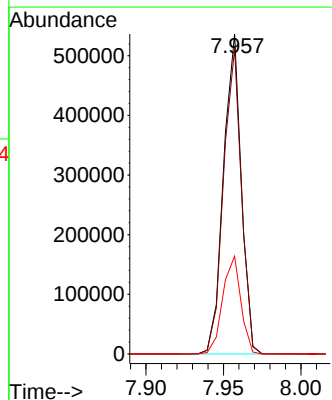
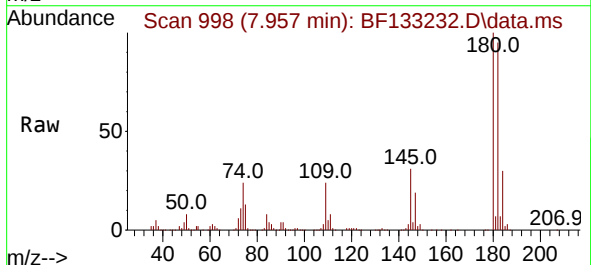
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

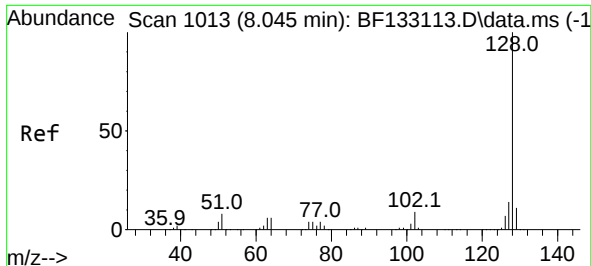
Tgt Ion:162 Resp: 424610
Ion Ratio Lower Upper
162 100
164 63.4 43.9 83.9
98 34.3 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 38.657 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:180 Resp: 427710
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 30.5 25.3 37.9

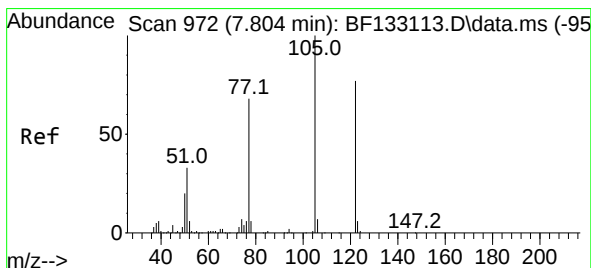
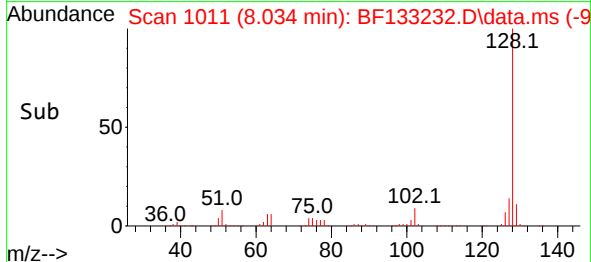
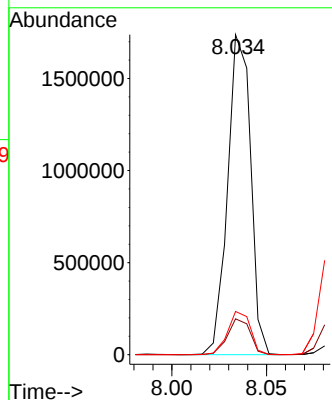
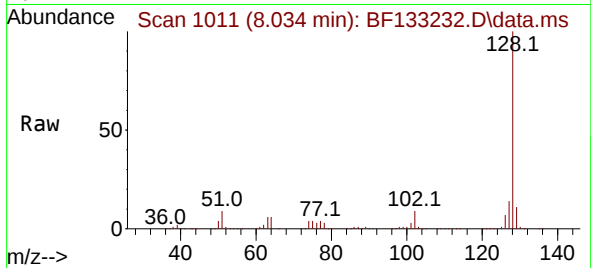




#31
Naphthalene
Concen: 38.808 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

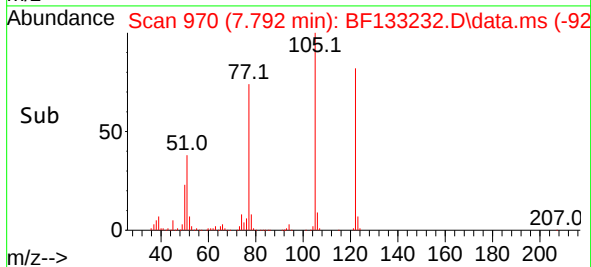
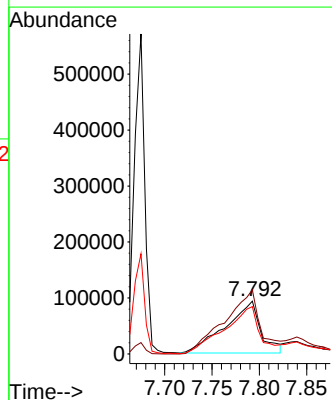
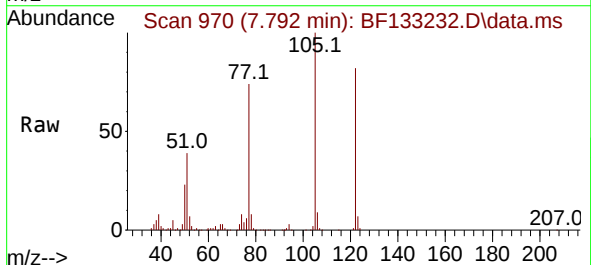
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

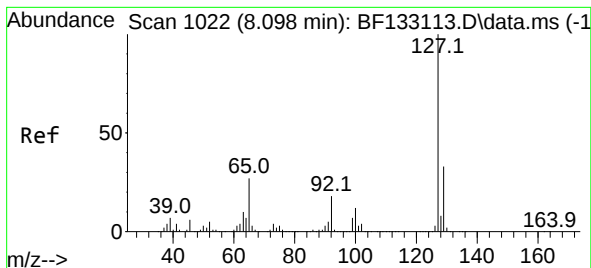
Tgt Ion:128 Resp: 1466016
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 32.863 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:122 Resp: 238146
Ion Ratio Lower Upper
122 100
105 121.7 104.2 144.2
77 89.7 69.7 109.7





#33

4-Chloroaniline

Concen: 41.199 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 628824

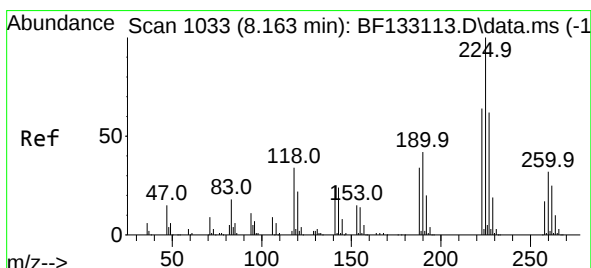
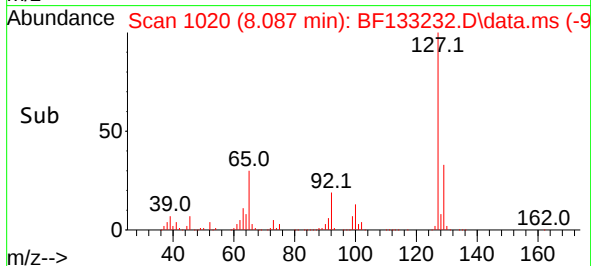
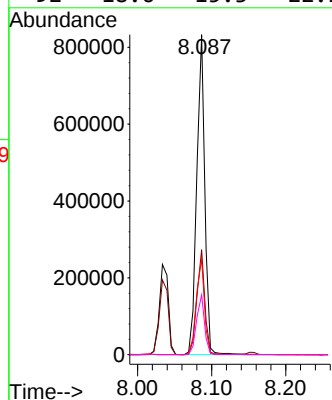
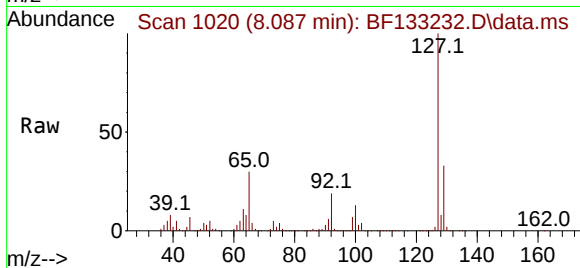
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.8

65 29.9 23.6 35.4

92 18.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 38.599 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

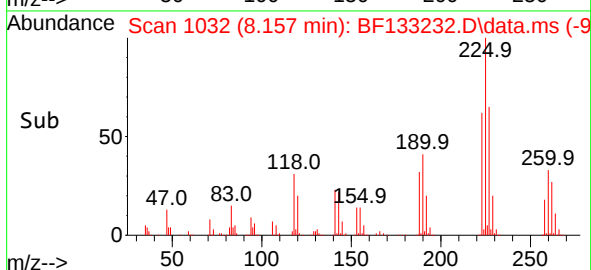
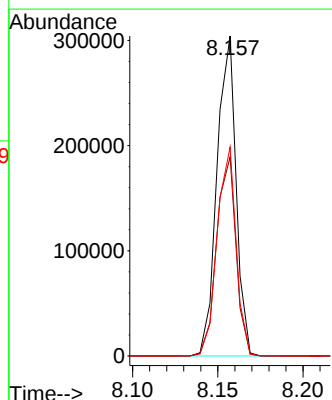
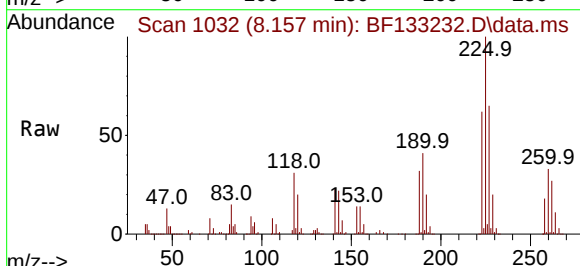
Tgt Ion:225 Resp: 236701

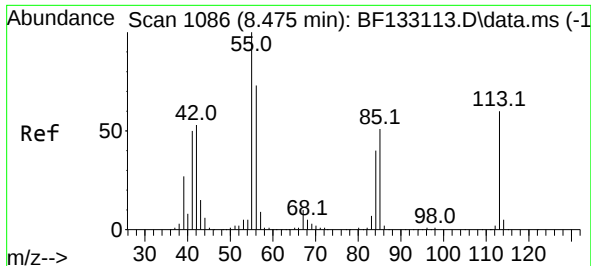
Ion Ratio Lower Upper

225 100

223 62.2 50.9 76.3

227 65.3 50.3 75.5

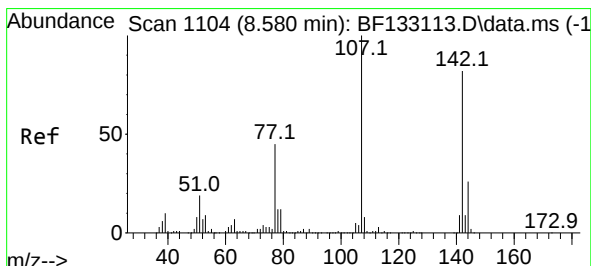
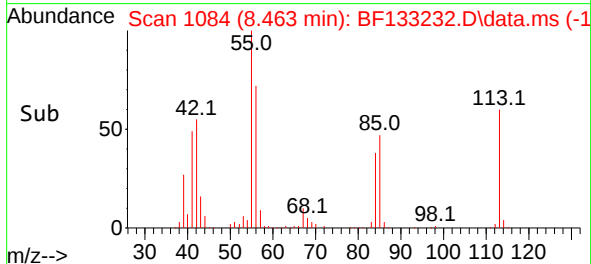
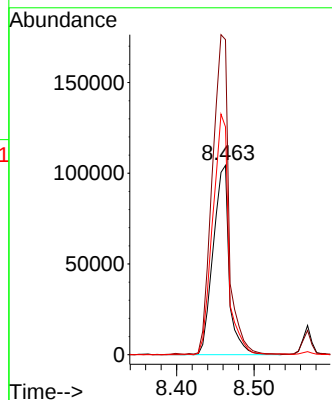
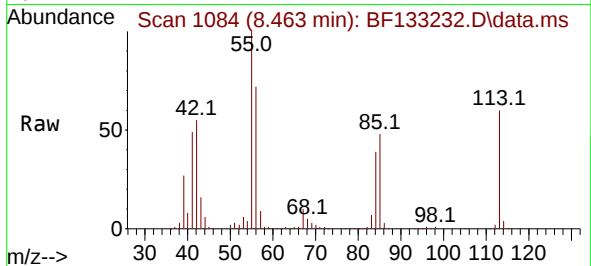




#35
Caprolactam
Concen: 41.642 ng
RT: 8.463 min Scan# 1086
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

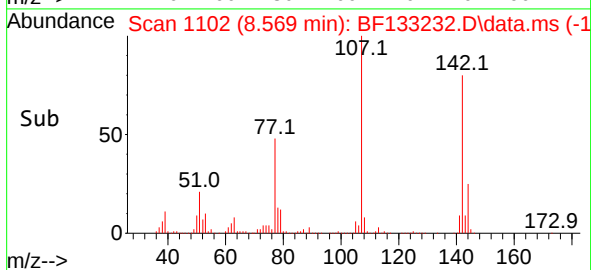
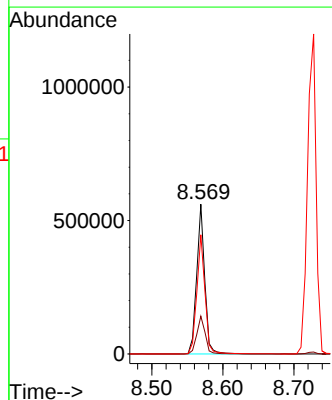
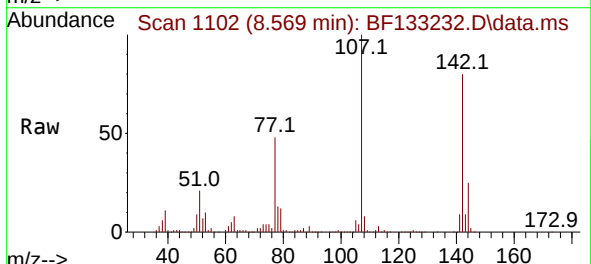
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

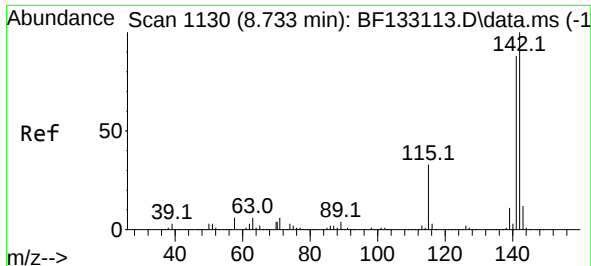
Tgt Ion:113 Resp: 149401
Ion Ratio Lower Upper
113 100
55 166.4 167.1 207.1#
56 120.3 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 38.593 ng
RT: 8.569 min Scan# 1102
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:107 Resp: 444472
Ion Ratio Lower Upper
107 100
144 25.2 20.6 30.8
142 79.6 62.8 94.2

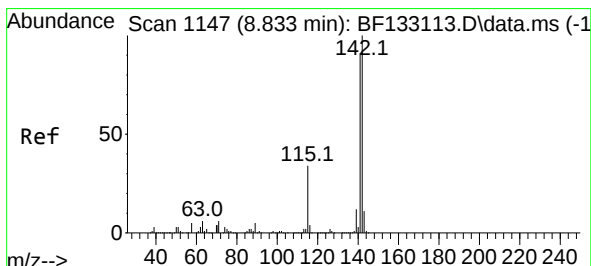
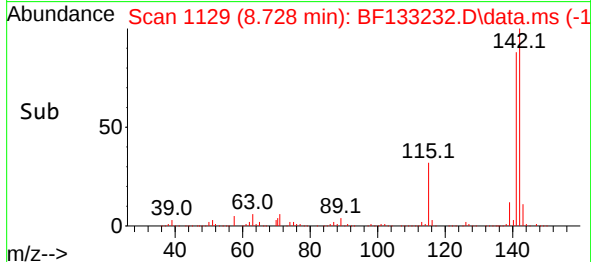
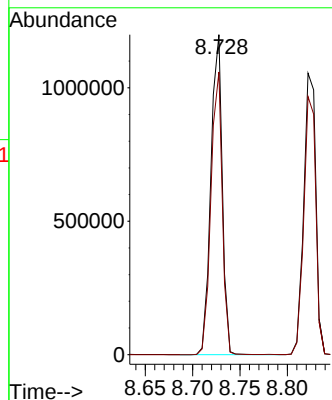
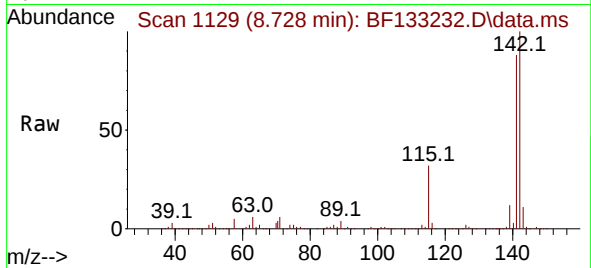




#37
2-Methylnaphthalene
Concen: 38.523 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

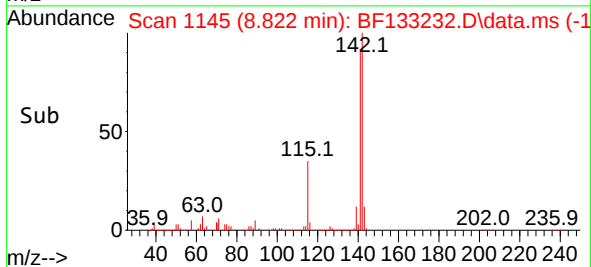
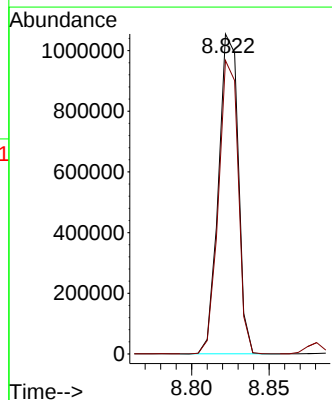
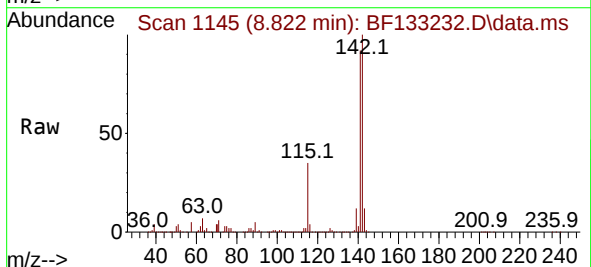
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

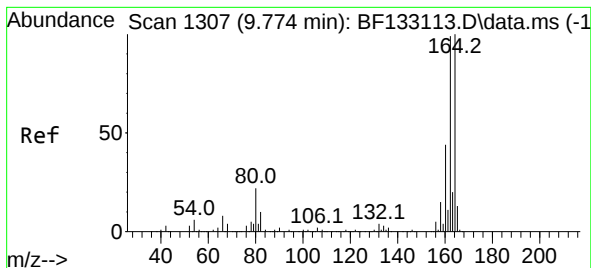
Tgt Ion:142 Resp: 994941
Ion Ratio Lower Upper
142 100
141 88.3 69.4 104.0



#38
1-Methylnaphthalene
Concen: 38.709 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:142 Resp: 935227
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

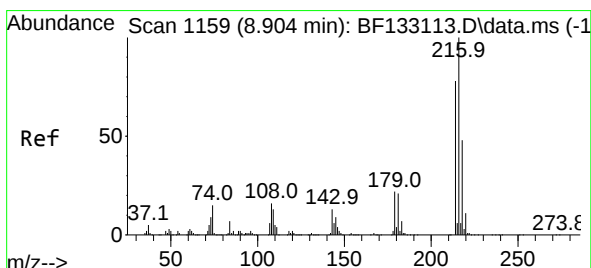
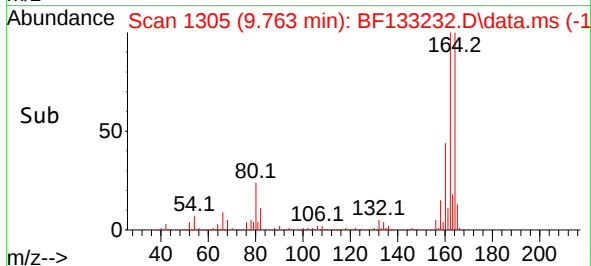
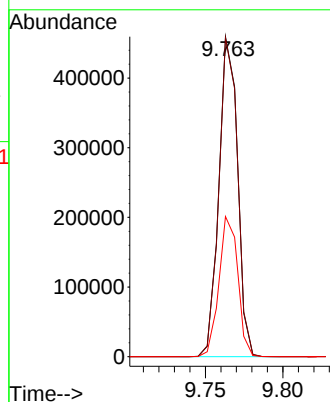
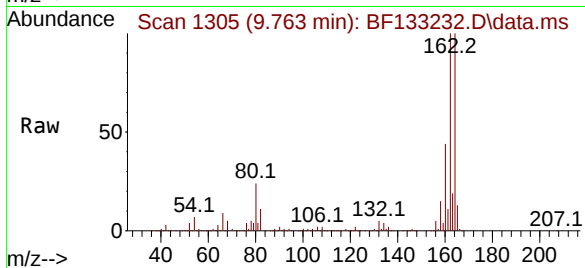
Tgt Ion:164 Resp: 384725

Ion Ratio Lower Upper

164 100

162 99.7 78.7 118.1

160 43.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.322 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Tgt Ion:216 Resp: 396405

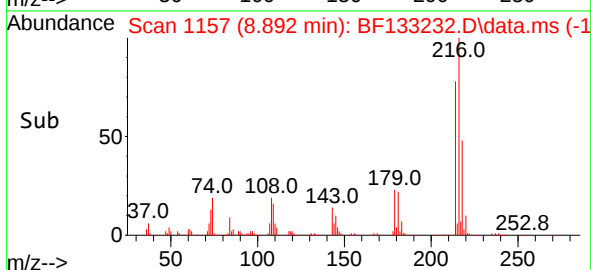
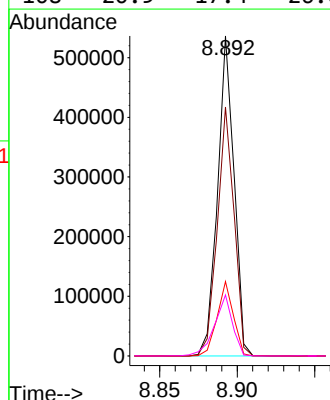
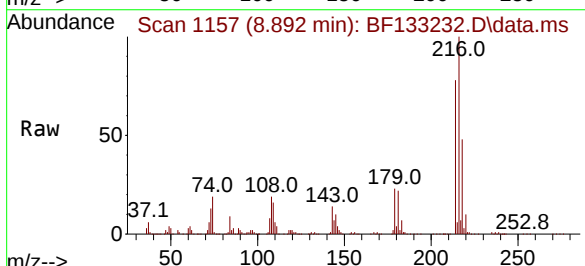
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 23.0 17.4 26.2

108 20.9 17.4 26.0

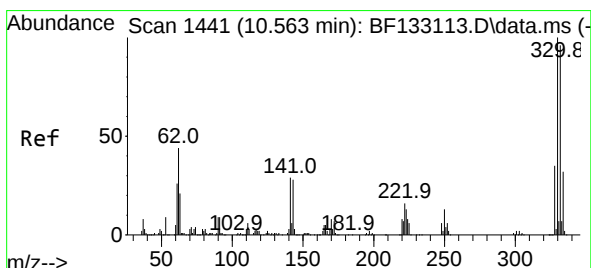
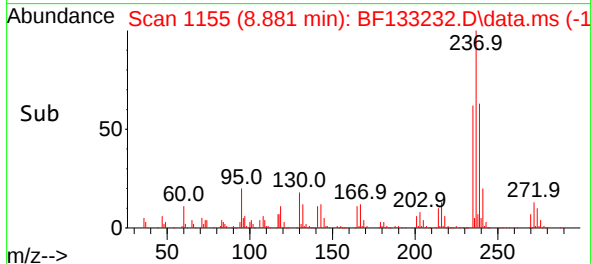
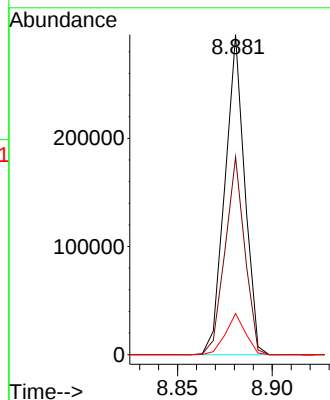
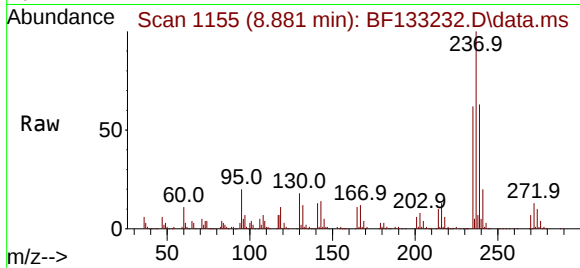




#41
Hexachlorocyclopentadiene
Concen: 35.526 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

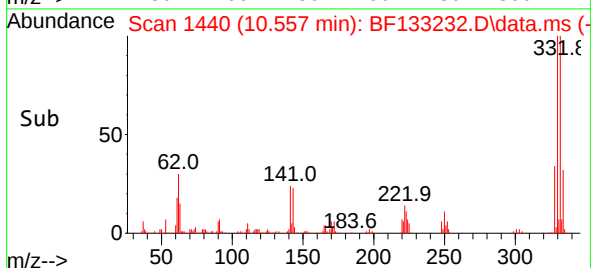
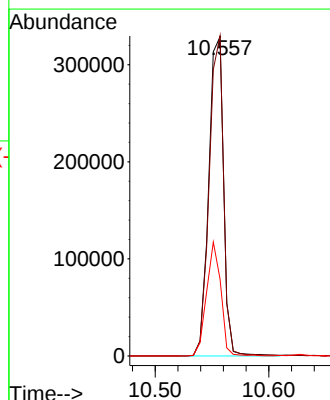
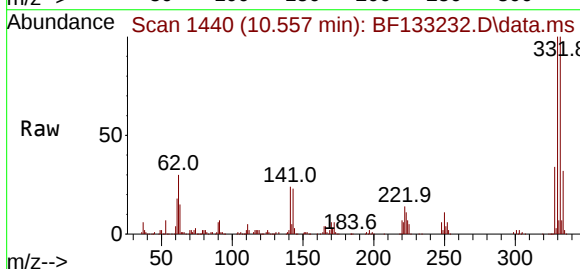
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

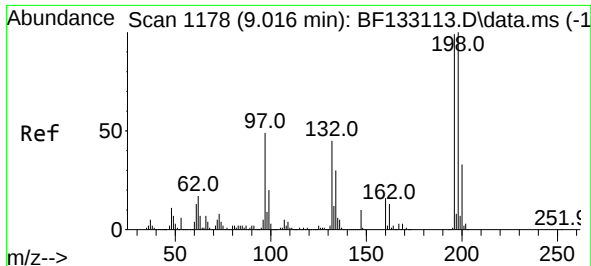
Tgt Ion: 237 Resp: 214321
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 12.9 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 76.964 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion: 330 Resp: 297785
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 34.4 25.8 38.8

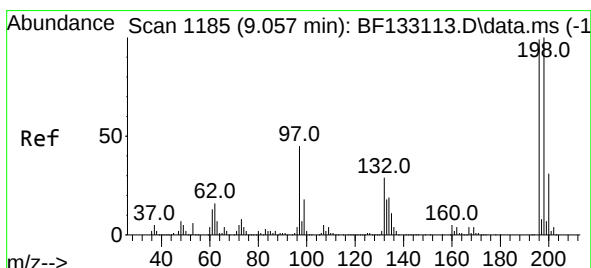
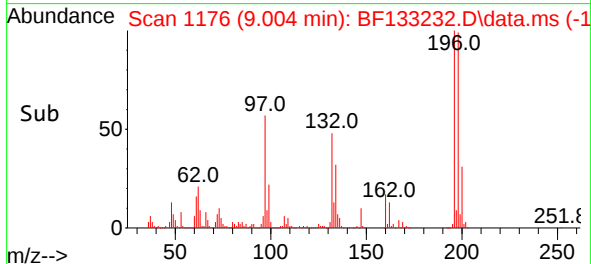
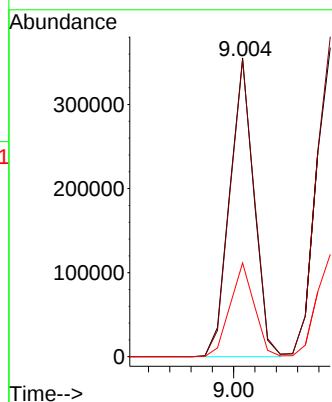
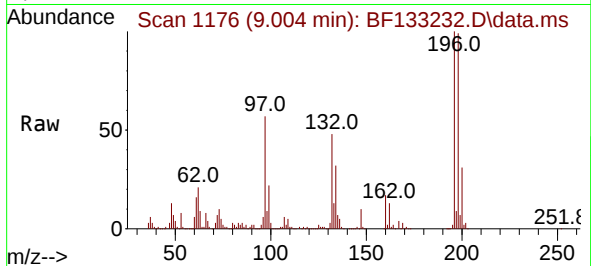




#43
2,4,6-Trichlorophenol
Concen: 39.030 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

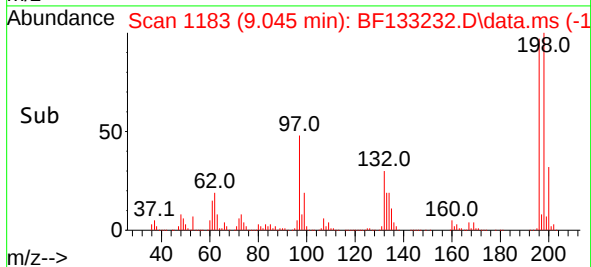
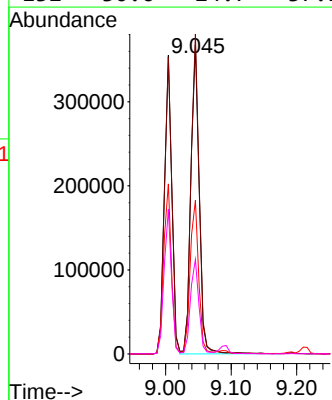
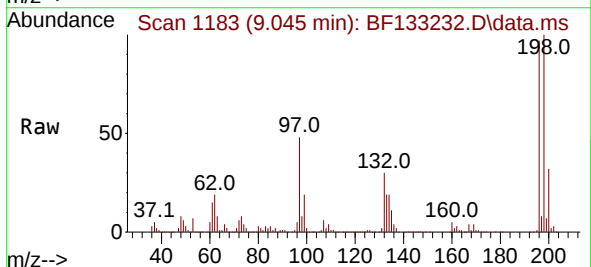
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

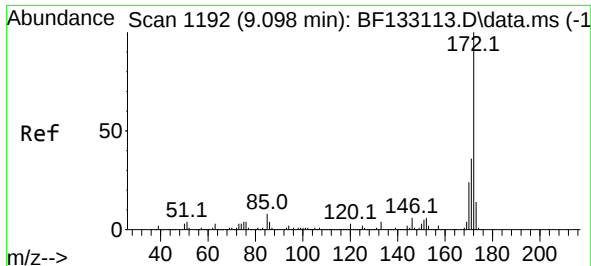
Tgt Ion:196 Resp: 279207
Ion Ratio Lower Upper
196 100
198 99.4 81.0 121.6
200 31.4 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.248 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:196 Resp: 324713
Ion Ratio Lower Upper
196 100
198 103.5 80.9 121.3
97 49.7 41.3 61.9
132 30.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 78.329 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

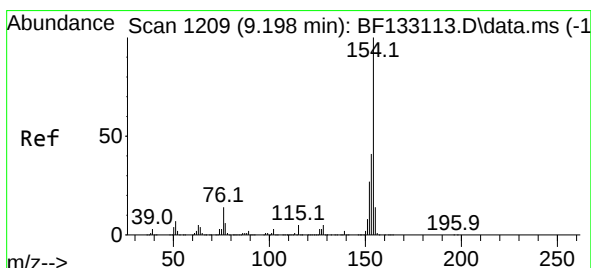
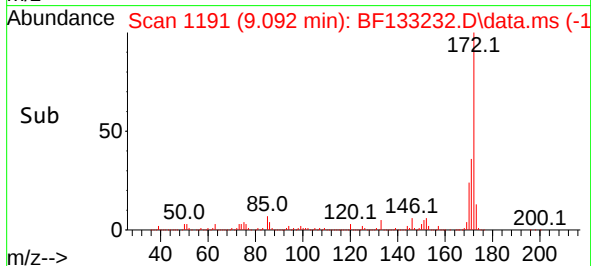
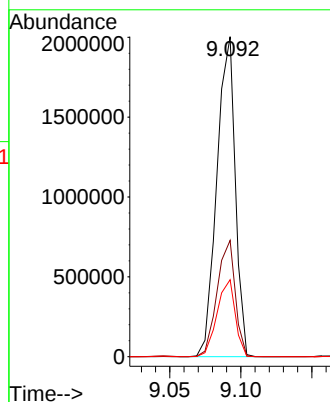
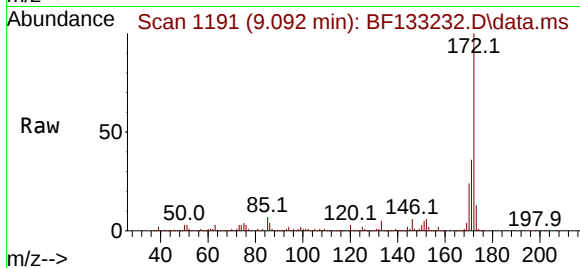
Tgt Ion:172 Resp: 1801261

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.0 19.4 29.2



#46

1,1'-Biphenyl

Concen: 38.263 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

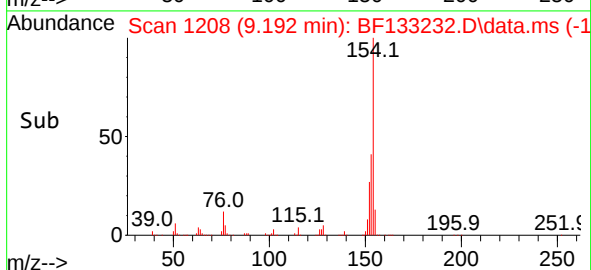
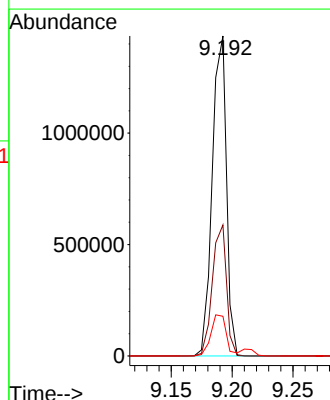
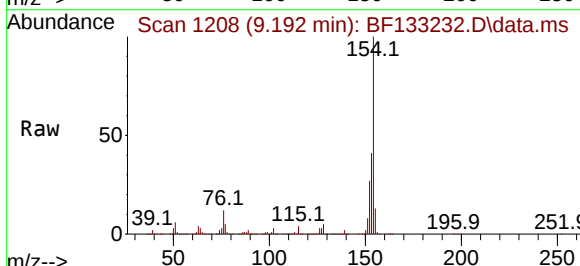
Tgt Ion:154 Resp: 1167279

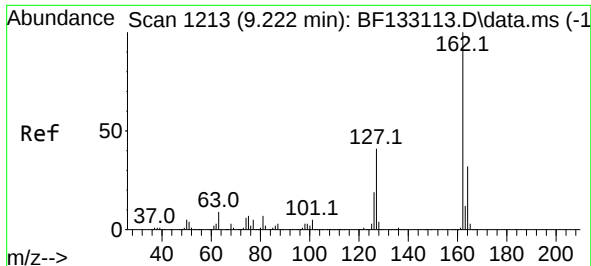
Ion Ratio Lower Upper

154 100

153 41.0 21.0 61.0

76 12.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 39.043 ng

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

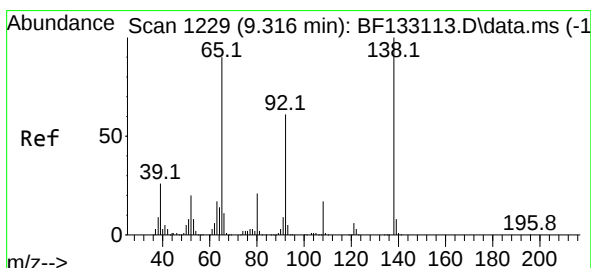
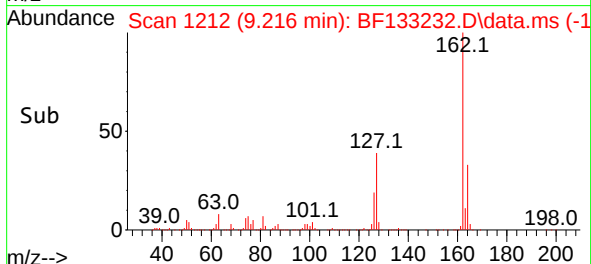
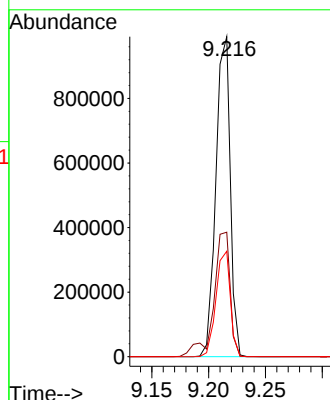
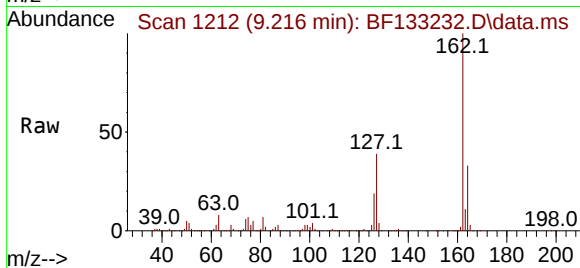
Tgt Ion:162 Resp: 871793

Ion Ratio Lower Upper

162 100

127 38.9 32.3 48.5

164 32.9 26.8 40.2



#48

2-Nitroaniline

Concen: 40.104 ng

RT: 9.310 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

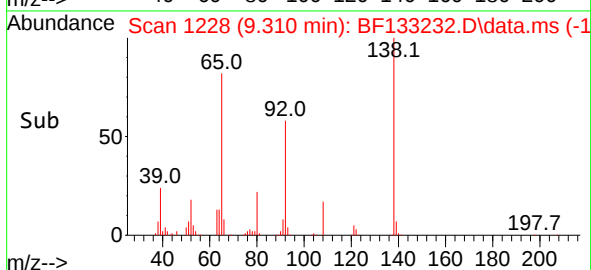
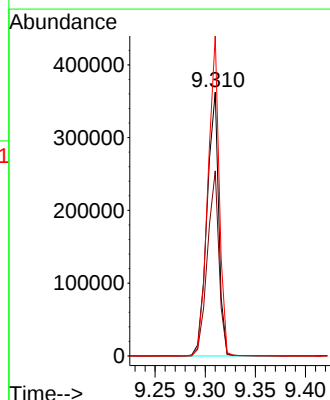
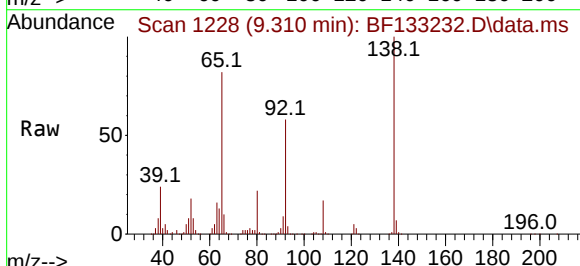
Tgt Ion: 65 Resp: 295956

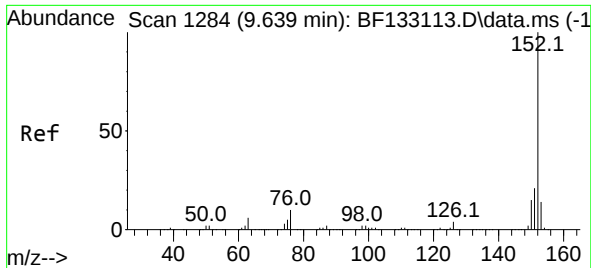
Ion Ratio Lower Upper

65 100

92 70.2 55.4 83.0

138 121.3 98.2 147.2

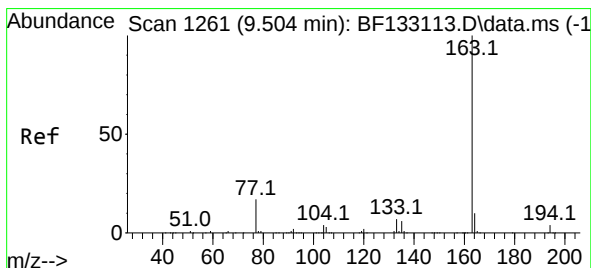
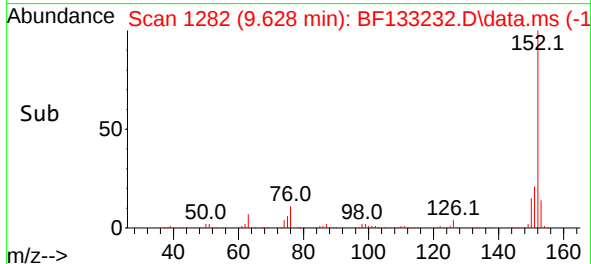
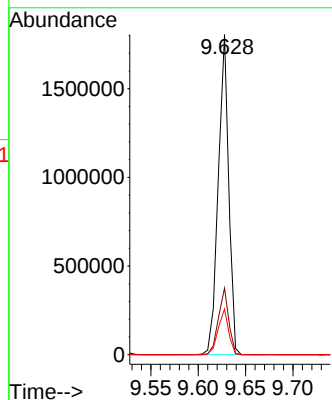
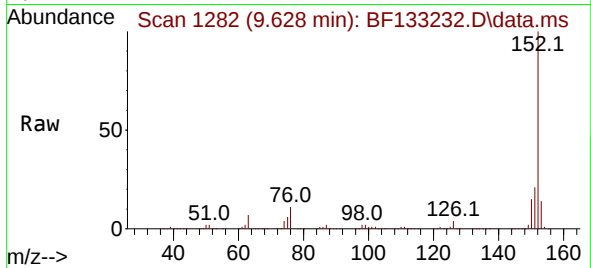




#49
Acenaphthylene
Concen: 39.066 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

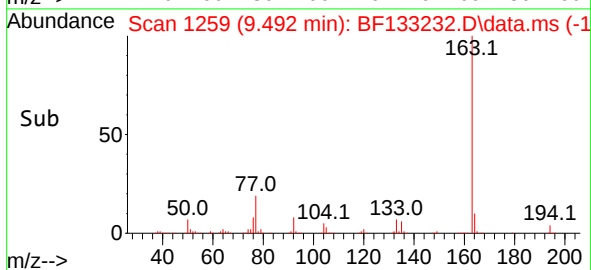
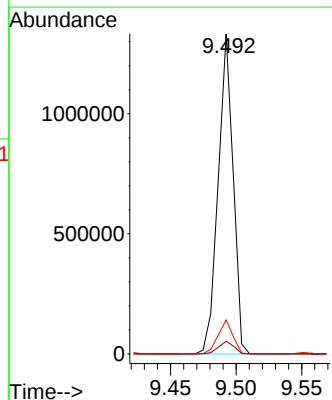
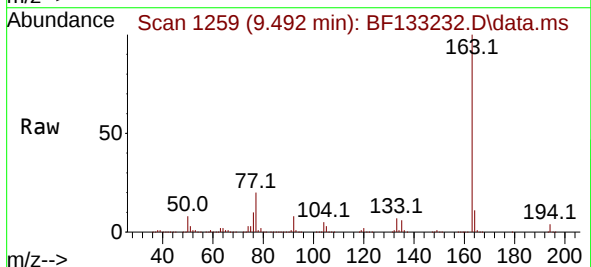
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

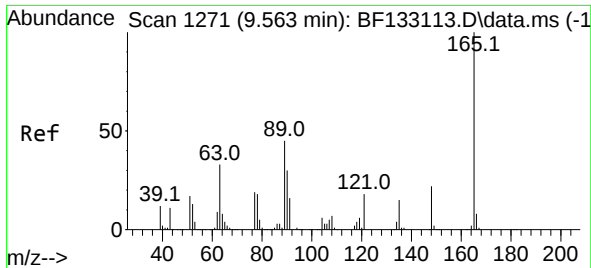
Tgt Ion:152 Resp: 1393822
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 14.3 11.5 17.3



#50
Dimethylphthalate
Concen: 39.417 ng
RT: 9.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:163 Resp: 1057419
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.6 8.5 12.7

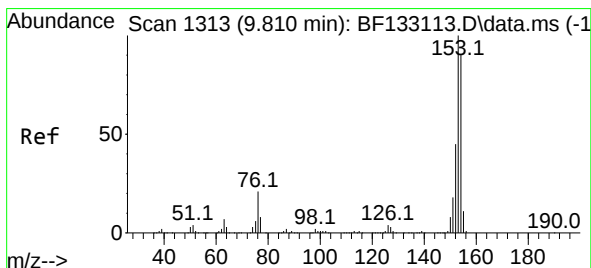
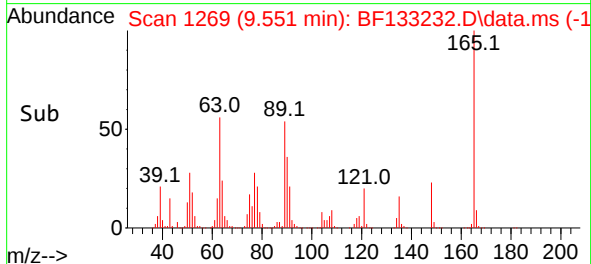
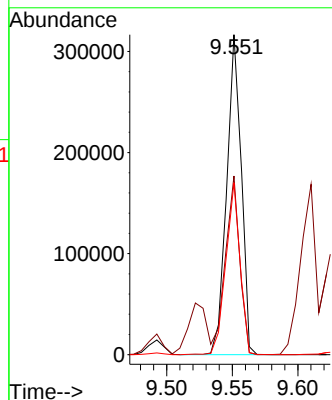
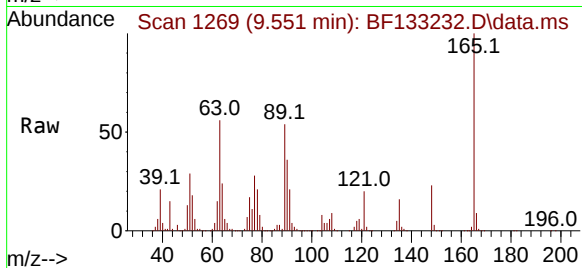




#51
2,6-Dinitrotoluene
Concen: 40.407 ng
RT: 9.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

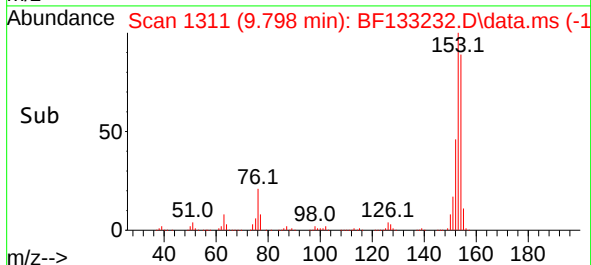
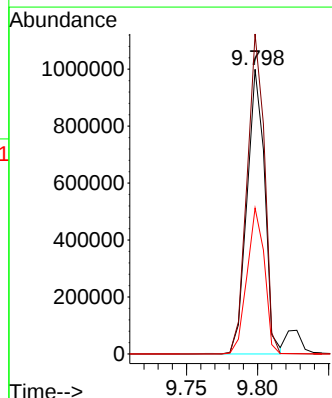
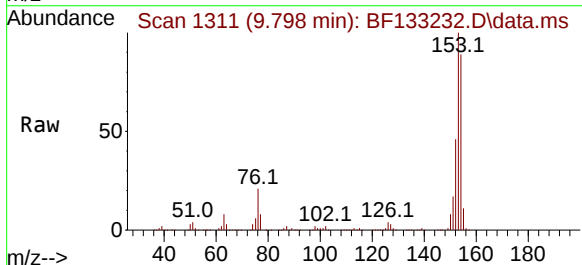
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

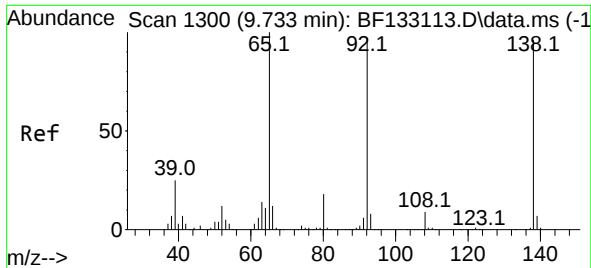
Tgt Ion:165 Resp: 243973
Ion Ratio Lower Upper
165 100
63 55.9 45.9 68.9
89 53.7 44.0 66.0



#52
Acenaphthene
Concen: 36.223 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:154 Resp: 865566
Ion Ratio Lower Upper
154 100
153 112.4 89.0 133.6
152 51.3 40.4 60.6

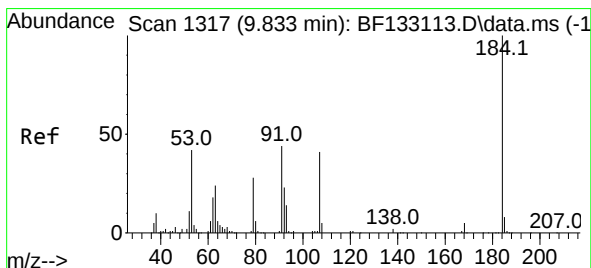
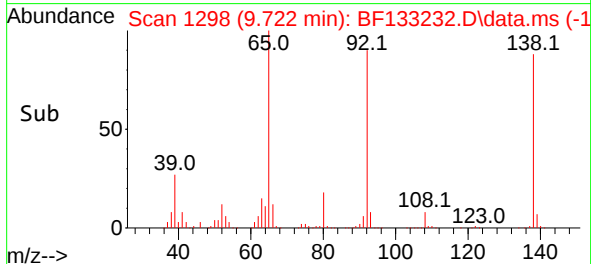
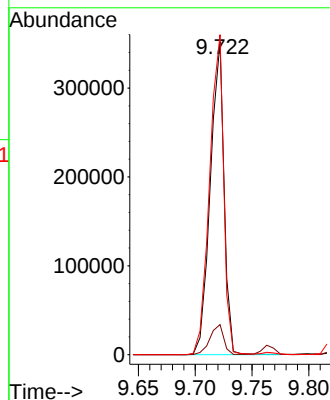
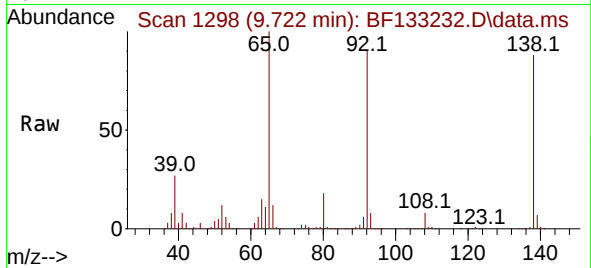




#53
3-Nitroaniline
Concen: 41.173 ng
RT: 9.722 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

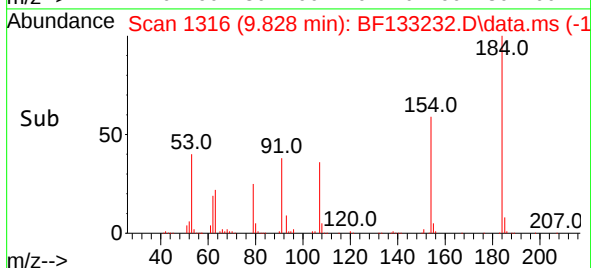
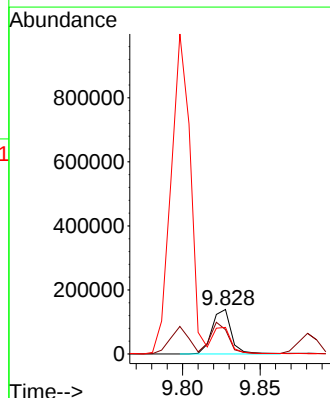
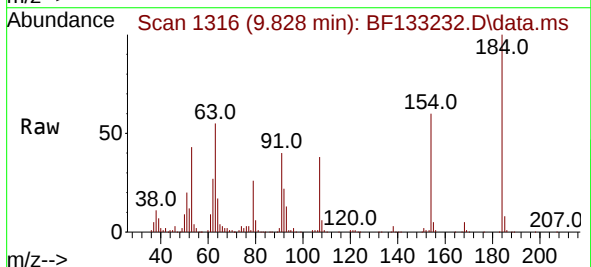
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

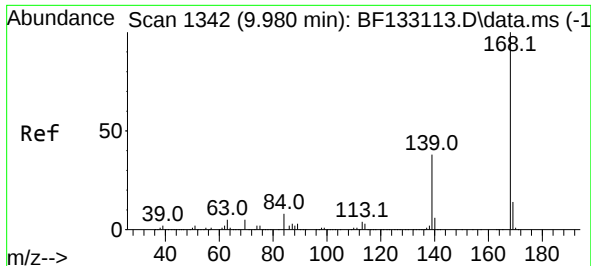
Tgt Ion:138 Resp: 295591
Ion Ratio Lower Upper
138 100
108 9.6 8.0 12.0
92 102.2 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 39.601 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:184 Resp: 120185
Ion Ratio Lower Upper
184 100
63 54.8 49.8 74.8
154 59.7 49.5 74.3

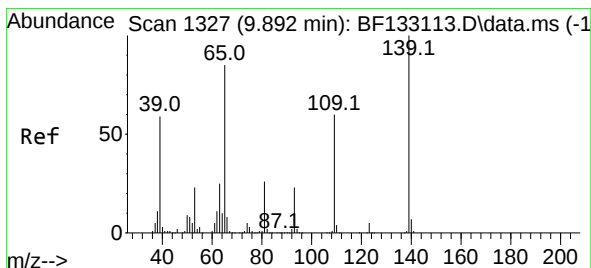
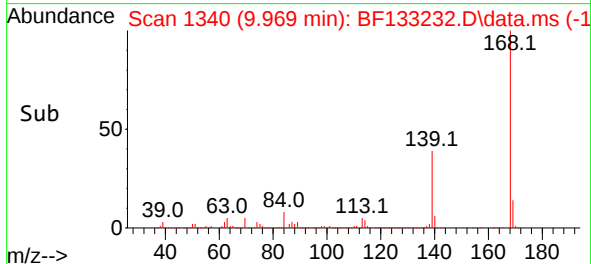
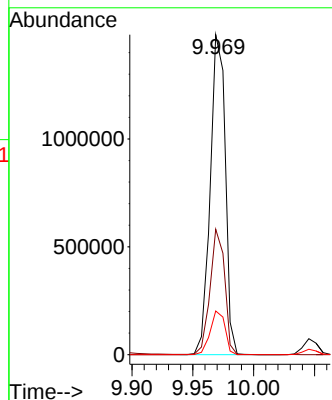
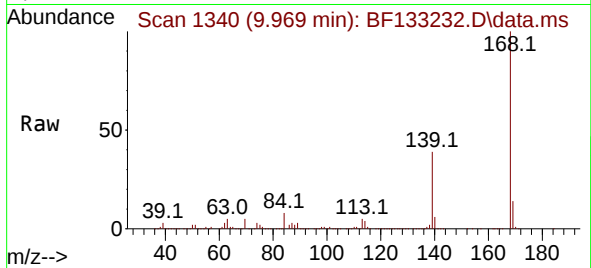




#55
Dibenzenofuran
Concen: 39.057 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

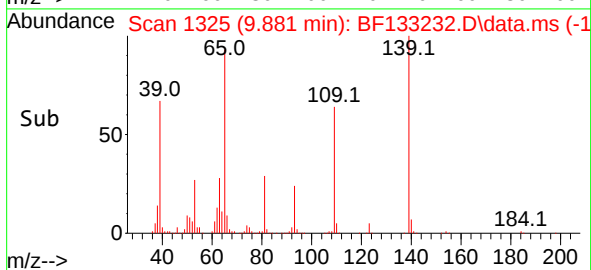
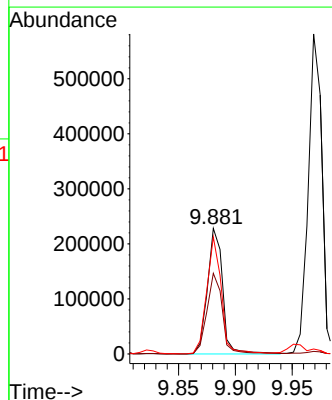
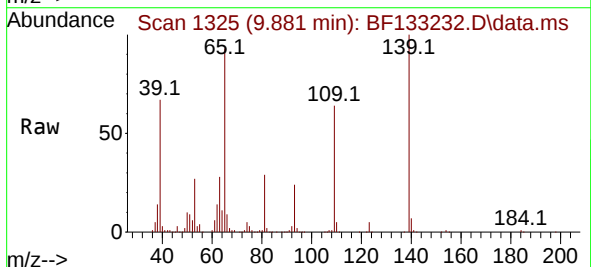
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

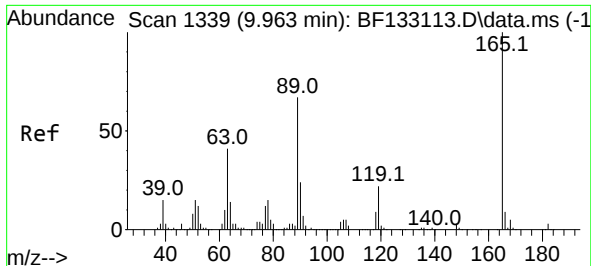
Tgt Ion:168 Resp: 1273102
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.8
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 38.086 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:139 Resp: 211775
Ion Ratio Lower Upper
139 100
109 64.2 39.4 79.4
65 93.1 57.5 97.5

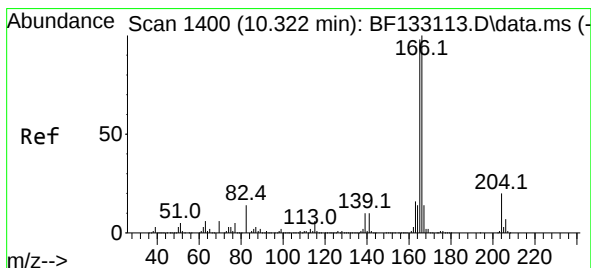
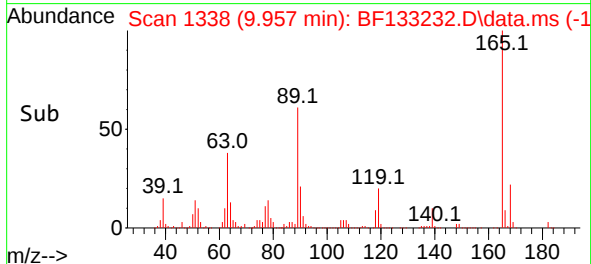
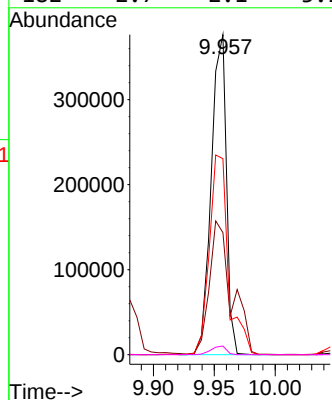
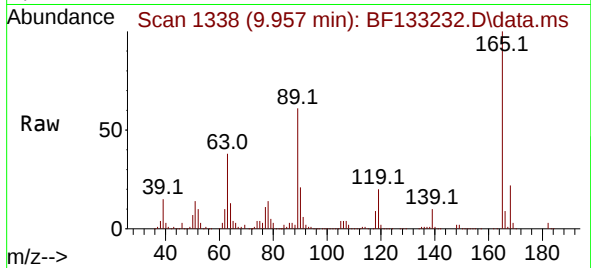




#57
2,4-Dinitrotoluene
Concen: 42.288 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

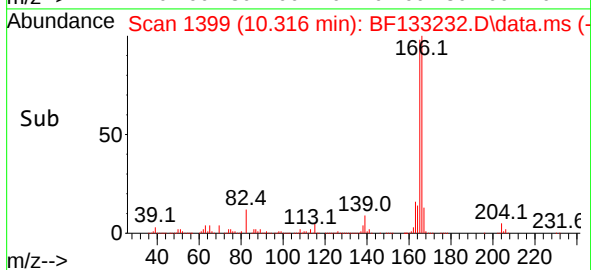
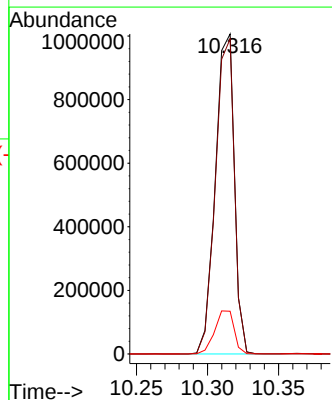
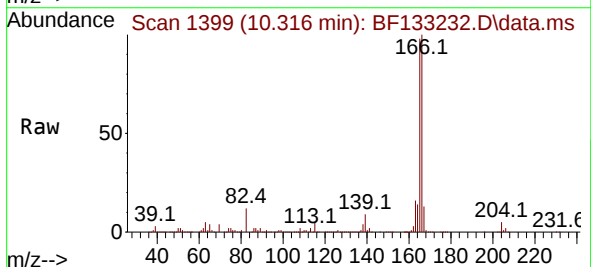
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

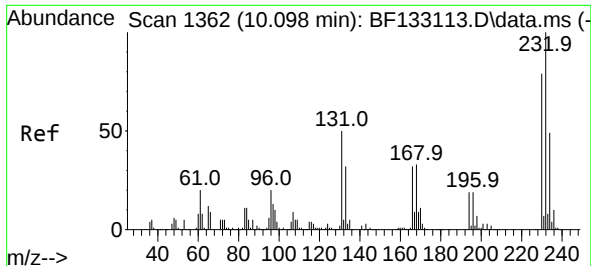
Tgt Ion:165 Resp: 325620
Ion Ratio Lower Upper
165 100
63 38.2 37.7 56.5
89 61.2 57.0 85.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 39.107 ng
RT: 10.316 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:166 Resp: 933911
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.751 ng

RT: 10.092 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 248552

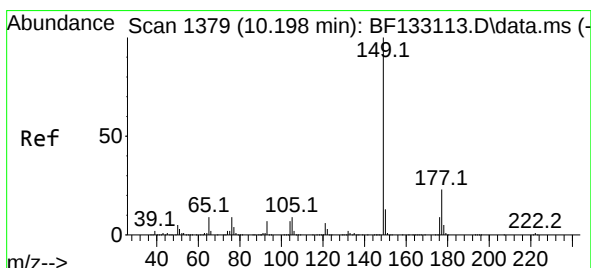
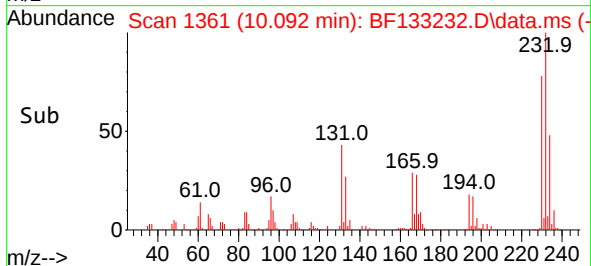
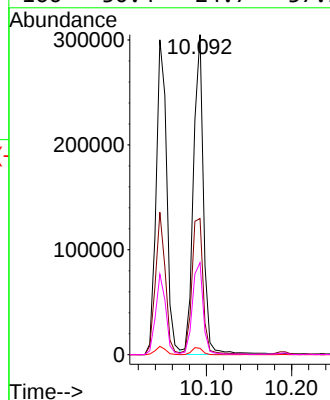
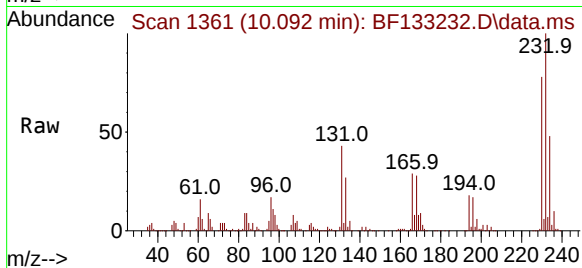
Ion Ratio Lower Upper

232 100

131 48.0 38.0 57.0

130 2.4 1.8 2.8

166 30.4 24.7 37.1



#60

Diethylphthalate

Concen: 39.812 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

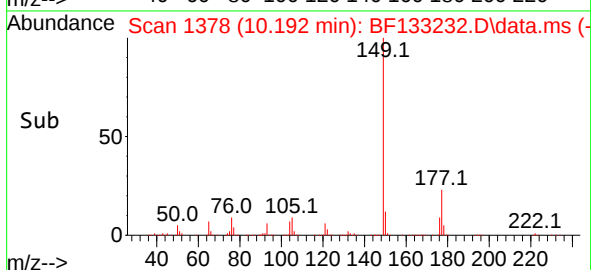
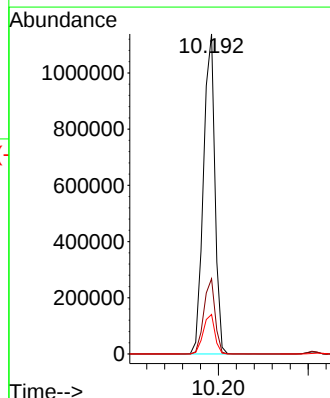
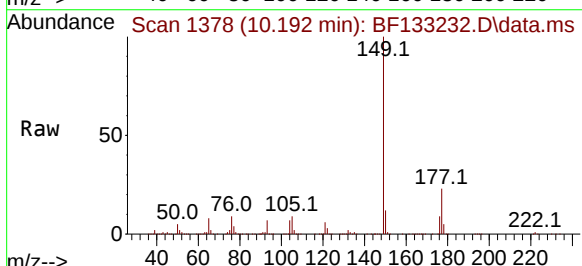
Tgt Ion:149 Resp: 1008791

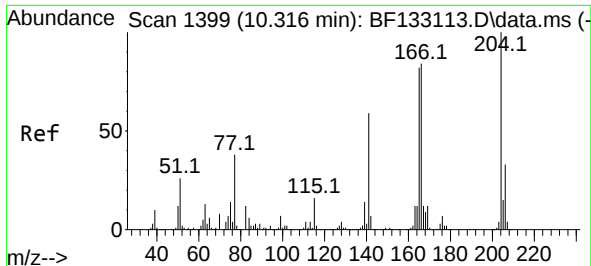
Ion Ratio Lower Upper

149 100

177 23.5 18.2 27.4

150 12.4 10.2 15.4

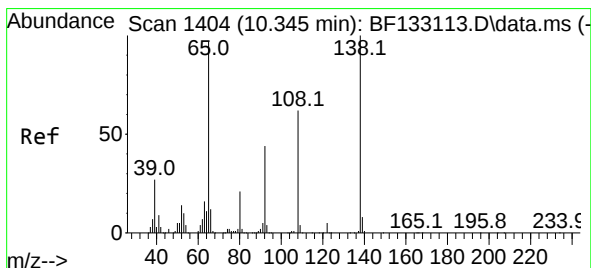
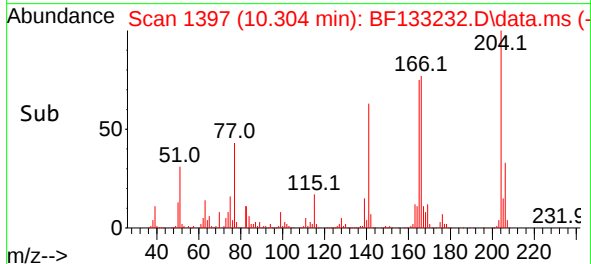
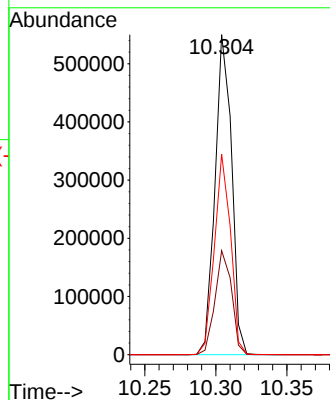
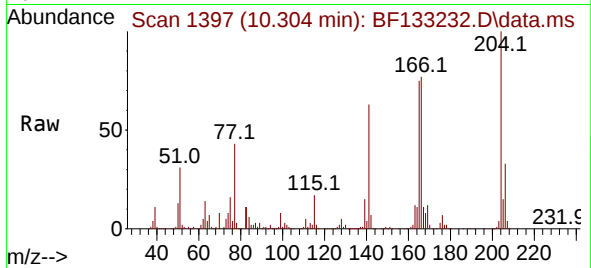




#61
4-Chlorophenyl-phenylether
Concen: 38.333 ng
RT: 10.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

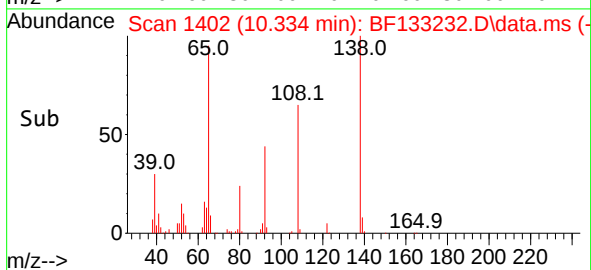
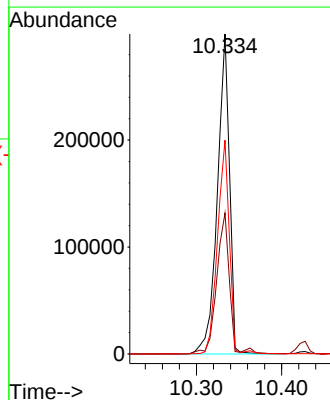
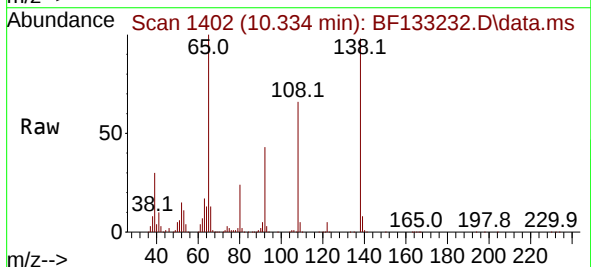
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

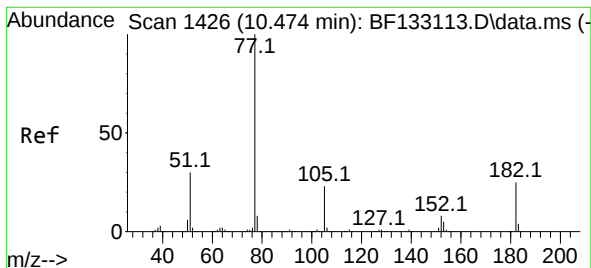
Tgt Ion:204 Resp: 446109
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 62.7 46.1 69.1



#62
4-Nitroaniline
Concen: 44.857 ng
RT: 10.334 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:138 Resp: 295984
Ion Ratio Lower Upper
138 100
92 44.0 27.7 67.7
108 66.8 45.2 85.2





#63

Azobenzene

Concen: 37.953 ng

RT: 10.469 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1018753

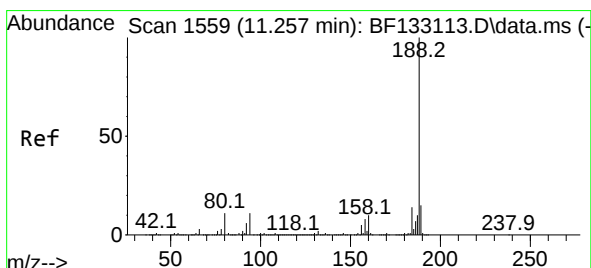
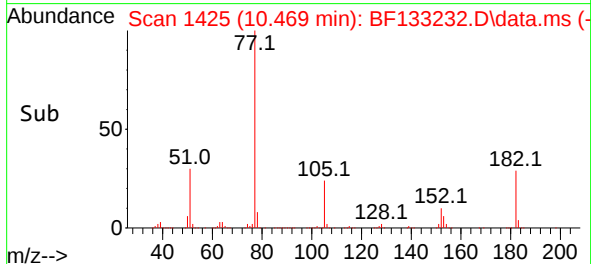
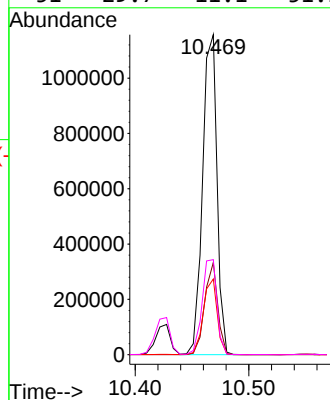
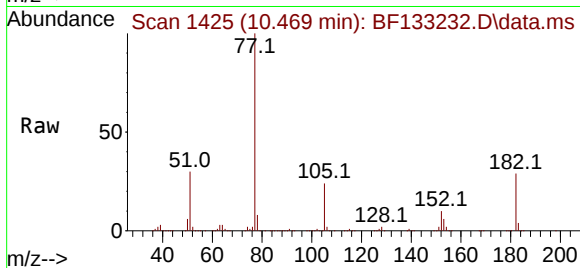
Ion Ratio Lower Upper

77 100

182 28.8 5.9 45.9

105 23.7 2.3 42.3

51 29.7 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

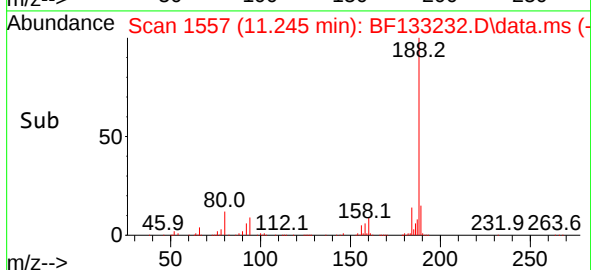
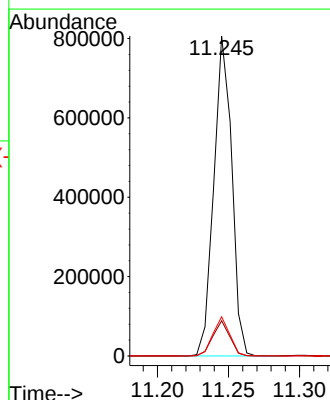
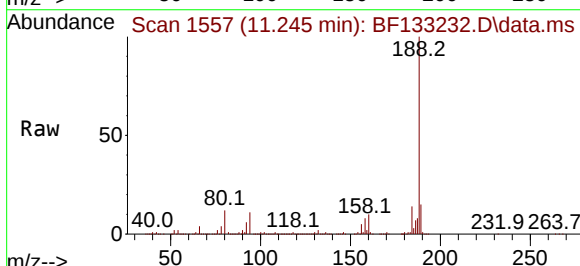
Tgt Ion: 188 Resp: 707053

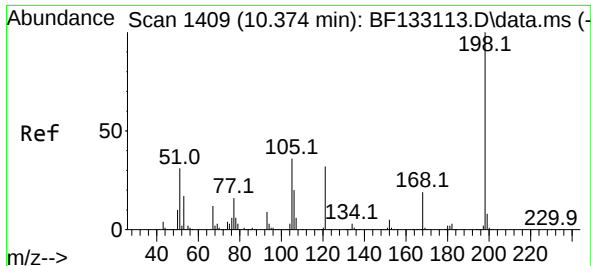
Ion Ratio Lower Upper

188 100

94 11.0 9.7 14.5

80 12.2 10.4 15.6

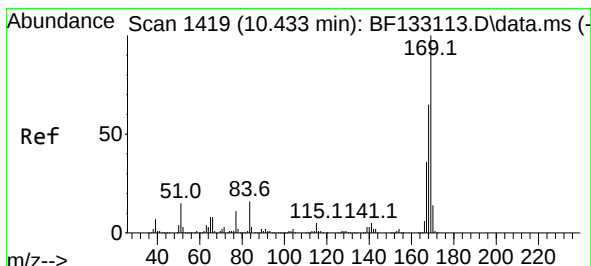
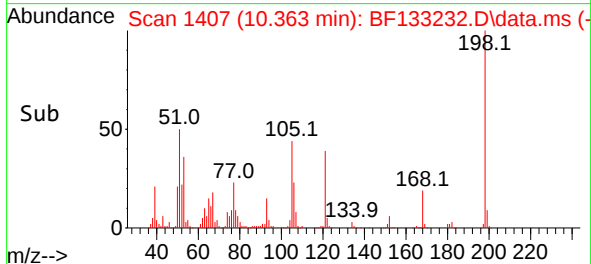
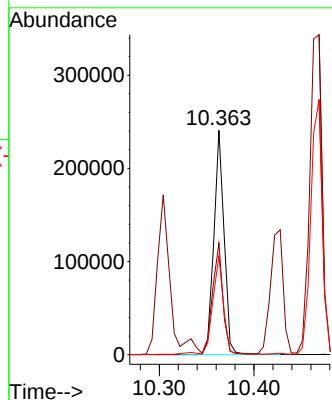
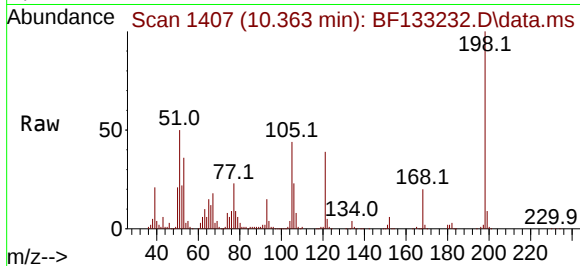




#65
4,6-Dinitro-2-methylphenol
Concen: 42.211 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

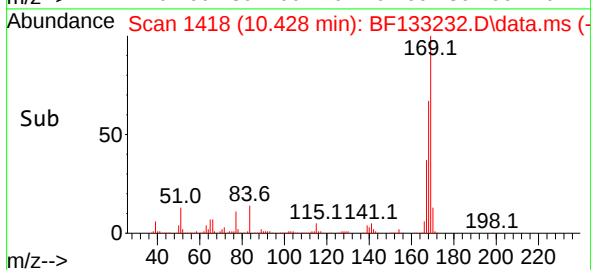
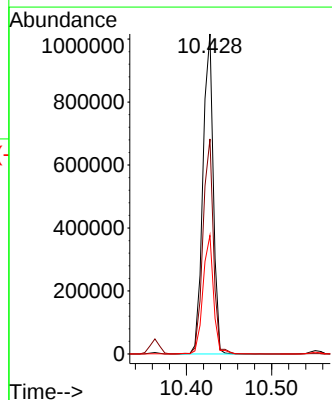
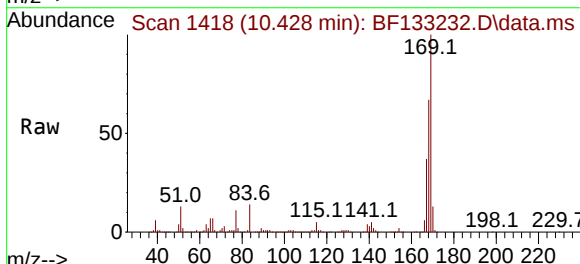
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

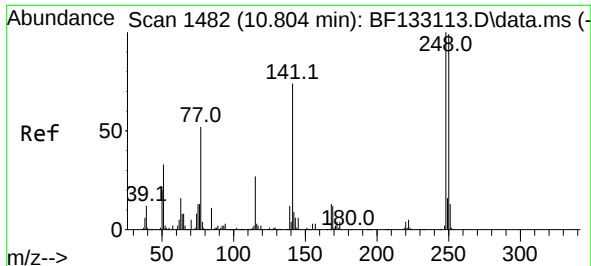
Tgt Ion:198 Resp: 180898
Ion Ratio Lower Upper
198 100
51 49.7 15.5 55.5
105 43.9 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 37.363 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:169 Resp: 856914
Ion Ratio Lower Upper
169 100
168 67.2 53.8 80.8
167 37.0 29.7 44.5

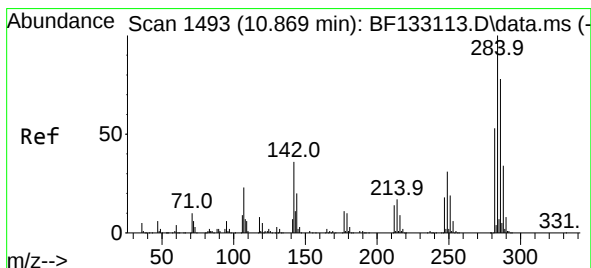
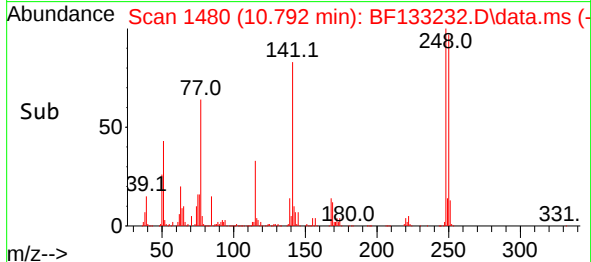
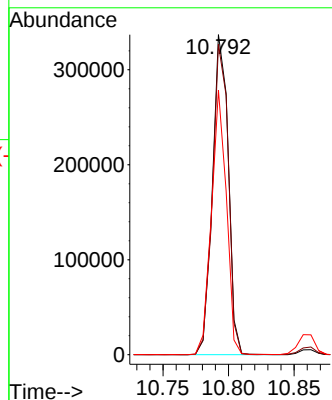
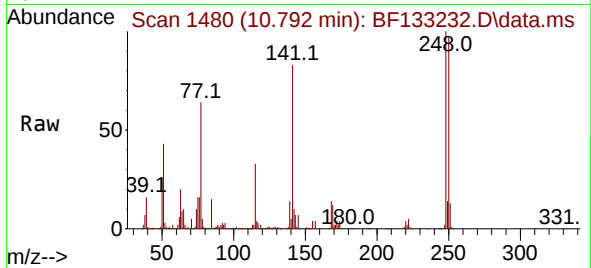




#67
4-Bromophenyl-phenylether
Concen: 36.819 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

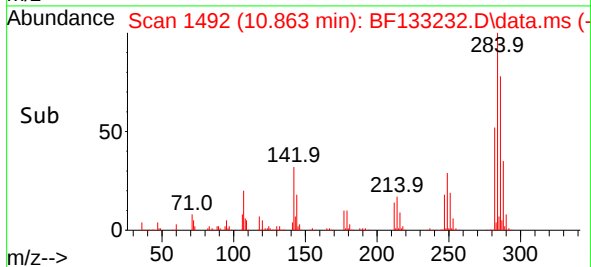
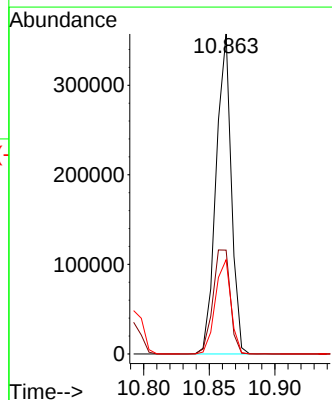
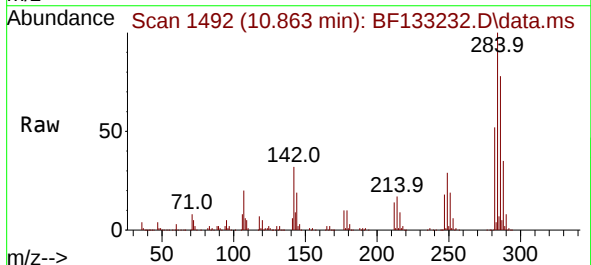
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

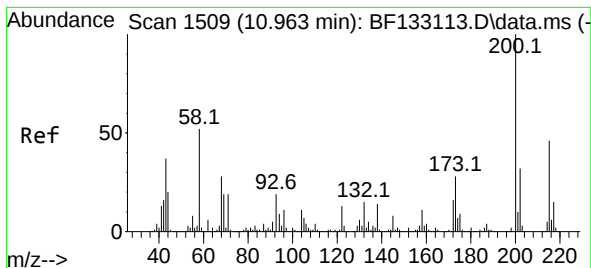
Tgt Ion:248 Resp: 282340
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 82.7 56.3 84.5



#68
Hexachlorobenzene
Concen: 36.584 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:284 Resp: 287470
Ion Ratio Lower Upper
284 100
142 32.5 26.0 39.0
249 29.4 23.7 35.5





#69

Atrazine

Concen: 40.078 ng

RT: 10.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

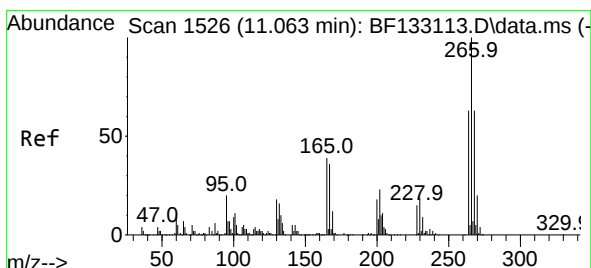
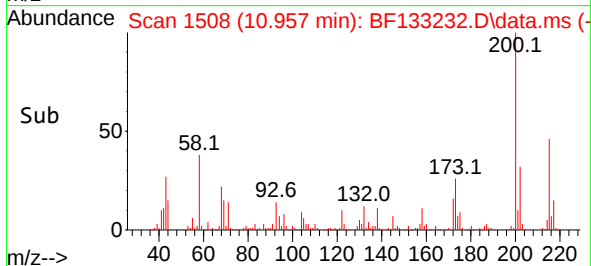
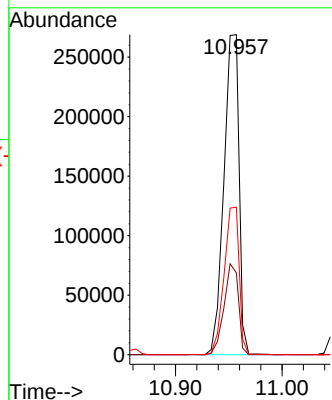
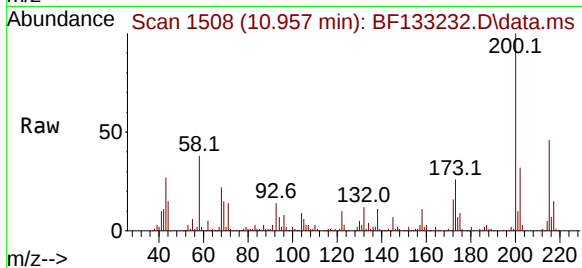
Tgt Ion:200 Resp: 264856

Ion Ratio Lower Upper

200 100

173 25.6 6.2 46.2

215 46.1 26.3 66.3



#70

Pentachlorophenol

Concen: 36.005 ng

RT: 11.051 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

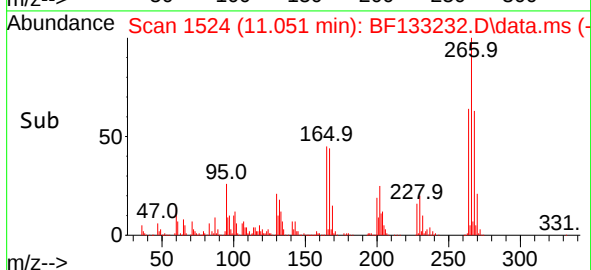
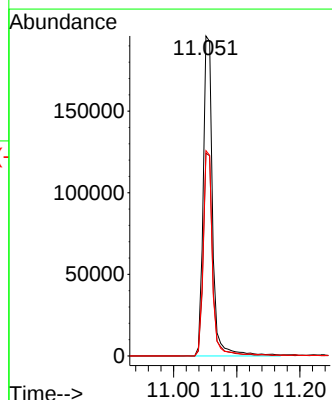
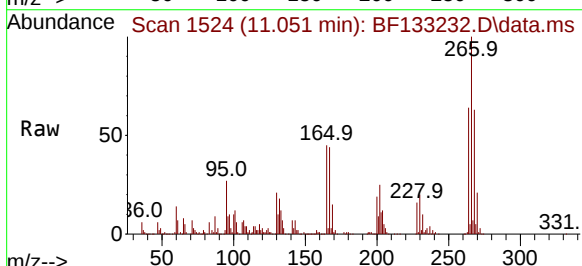
Tgt Ion:266 Resp: 201491

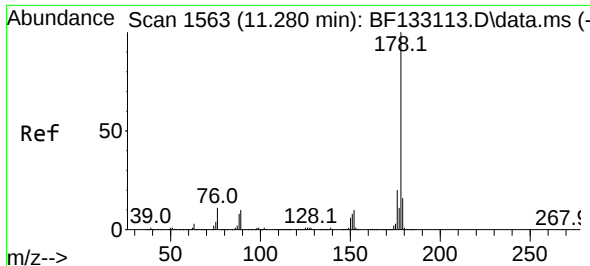
Ion Ratio Lower Upper

266 100

268 63.3 48.8 73.2

264 64.1 50.6 76.0

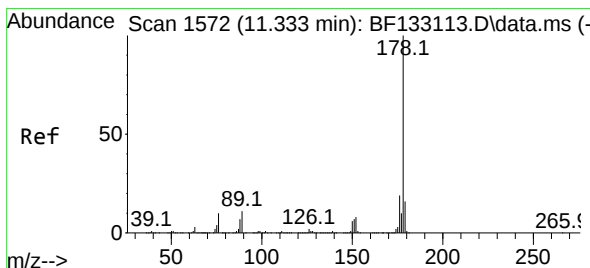
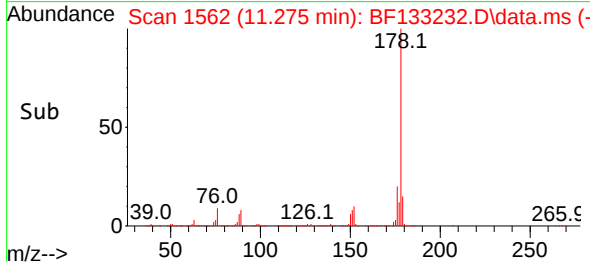
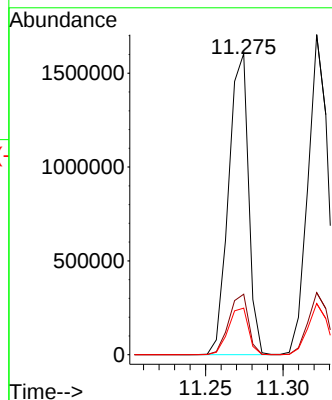
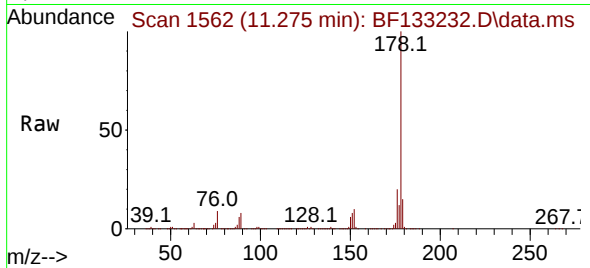




#71
Phenanthrene
Concen: 37.708 ng
RT: 11.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

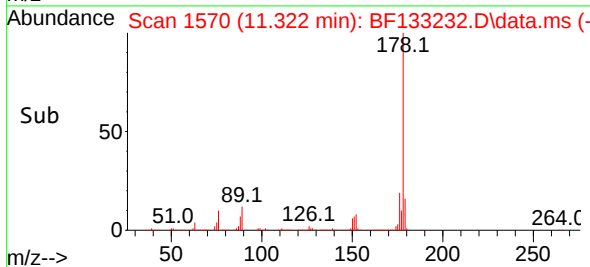
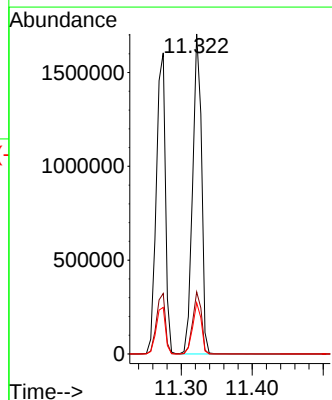
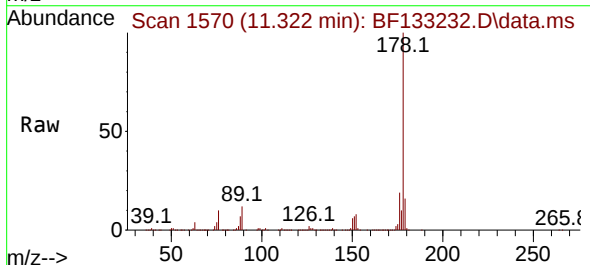
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

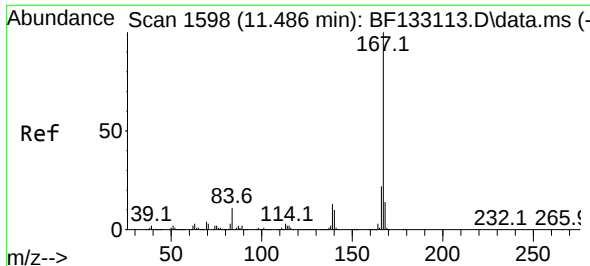
Tgt Ion:178 Resp: 1432983
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.4 12.5 18.7



#72
Anthracene
Concen: 38.209 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:178 Resp: 1485969
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.0 12.4 18.6

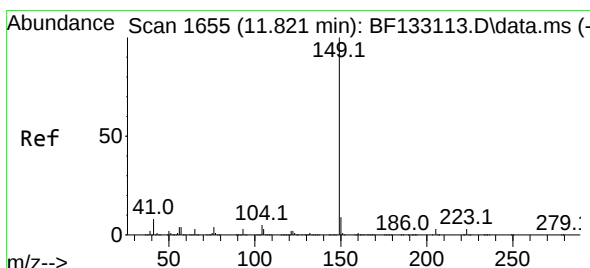
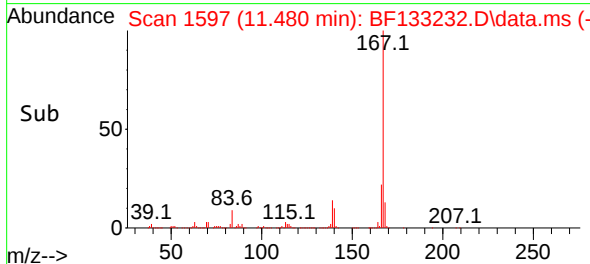
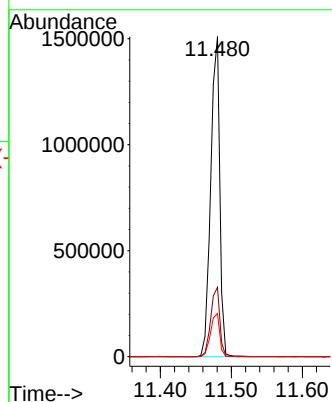
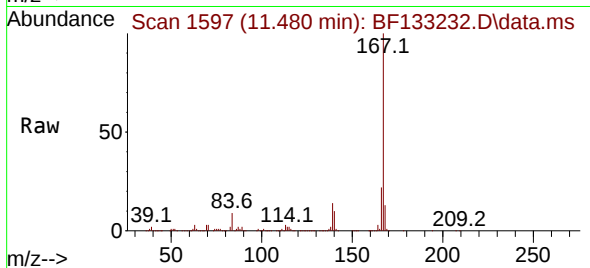




#73
 Carbazole
 Concen: 38.591 ng
 RT: 11.480 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

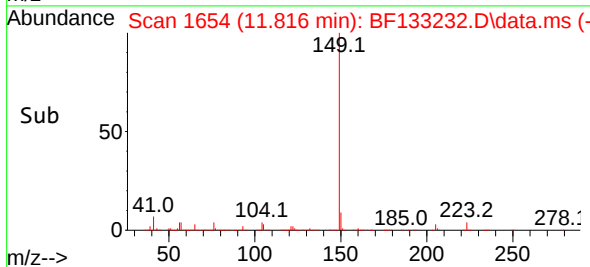
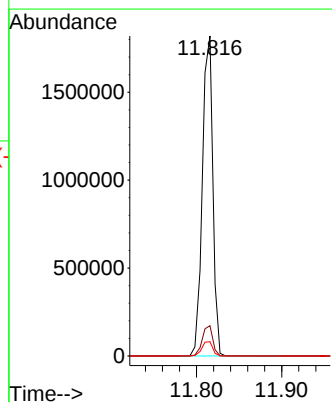
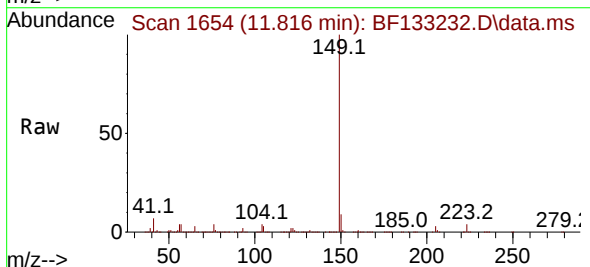
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

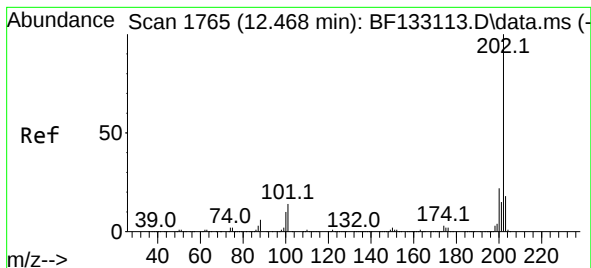
Tgt Ion:167 Resp: 1336391
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 39.654 ng
 RT: 11.816 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

Tgt Ion:149 Resp: 1553994
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.5 4.0 6.0





#75

Fluoranthene

Concen: 38.405 ng

RT: 12.457 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

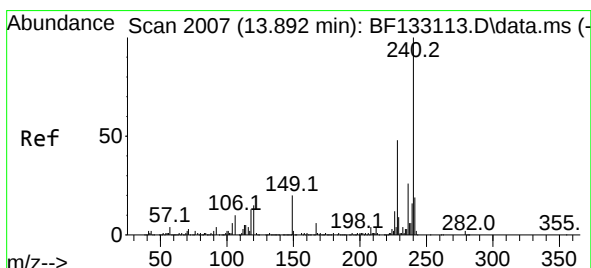
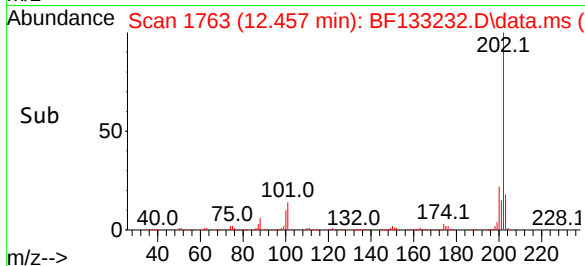
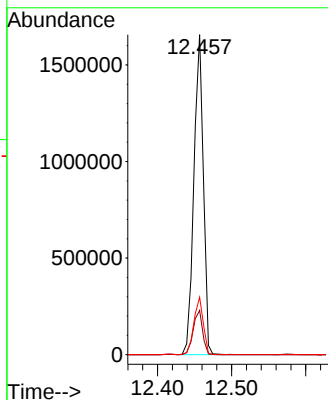
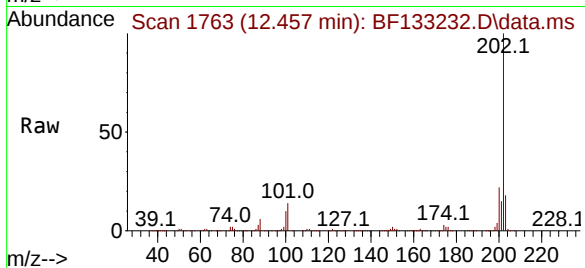
Tgt Ion:202 Resp: 1464733

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.3

203 18.0 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: BF133232.D

Acq: 04 May 2023 15:56

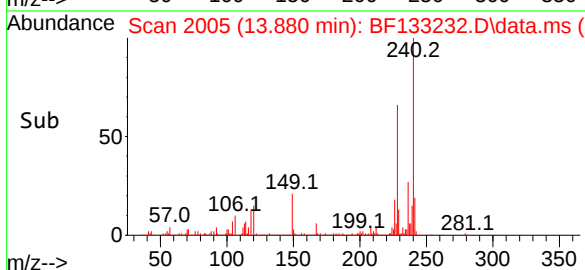
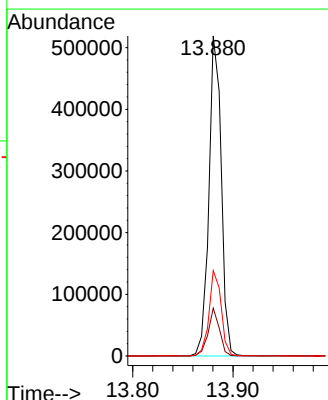
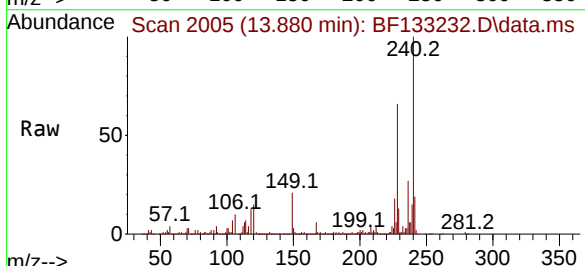
Tgt Ion:240 Resp: 445522

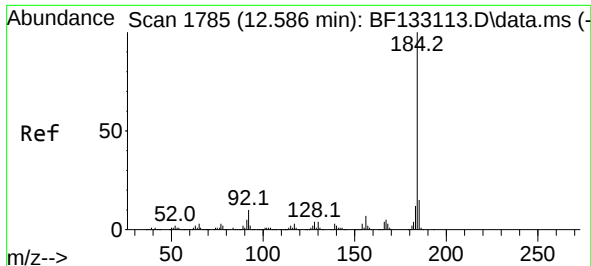
Ion Ratio Lower Upper

240 100

120 14.9 10.5 15.7

236 26.7 21.5 32.3

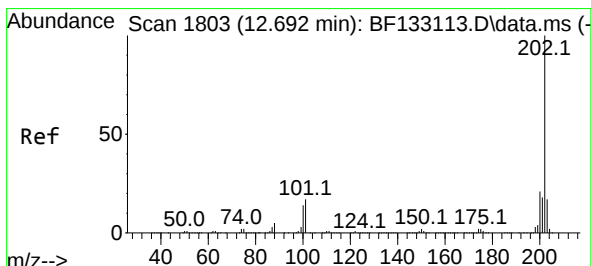
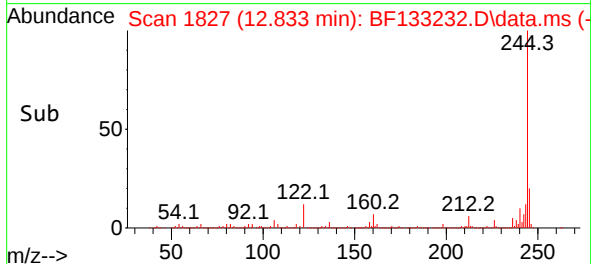
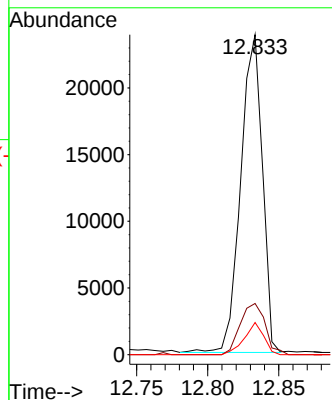
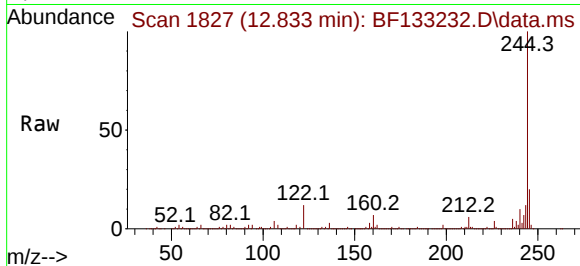




#77
Benzidine
Concen: 3.356 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.253 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

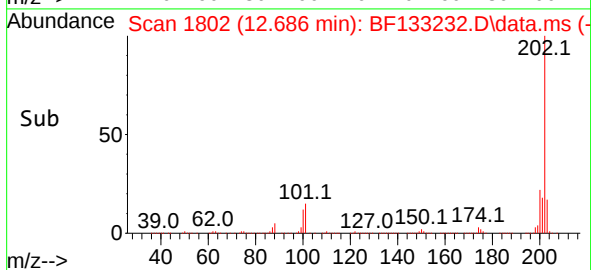
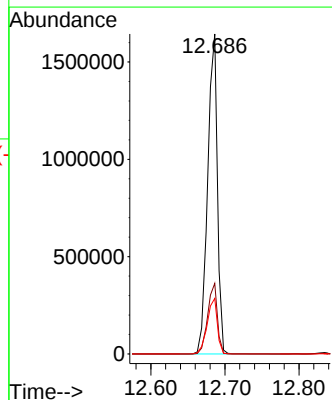
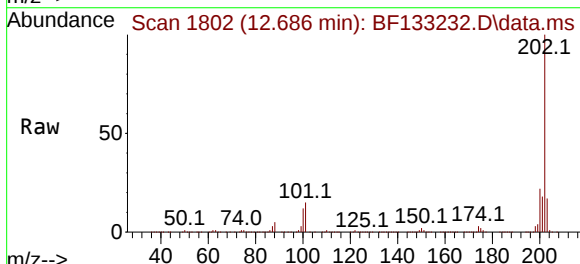
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

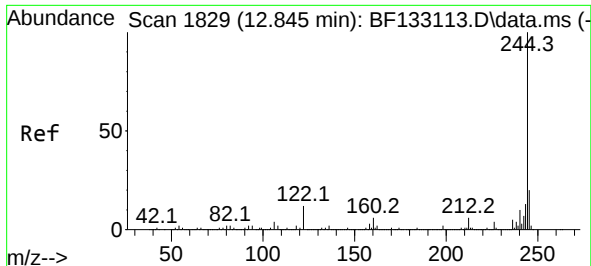
Tgt Ion:184 Resp: 25285
Ion Ratio Lower Upper
184 100
185 16.0 15.4 23.2
183 10.0 9.4 14.0



#78
Pyrene
Concen: 39.286 ng
RT: 12.686 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:202 Resp: 1500391
Ion Ratio Lower Upper
202 100
200 22.1 17.1 25.7
203 17.4 14.1 21.1

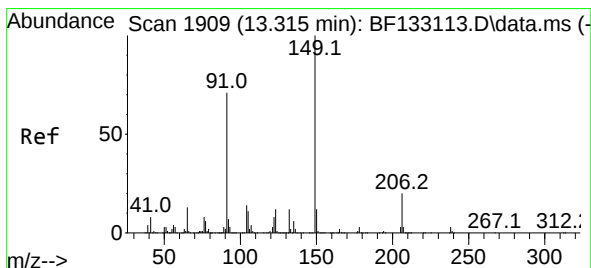
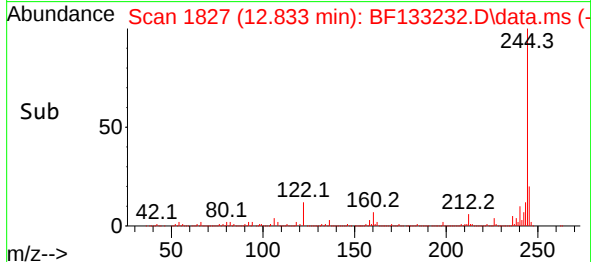
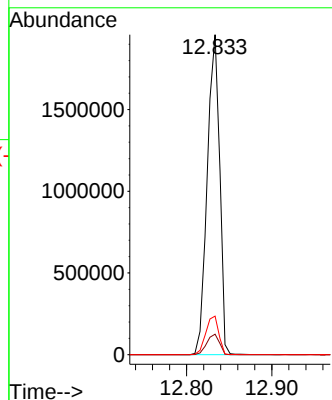
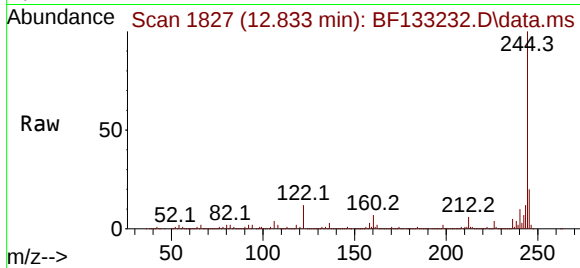




#79
 Terphenyl-d14
 Concen: 76.519 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

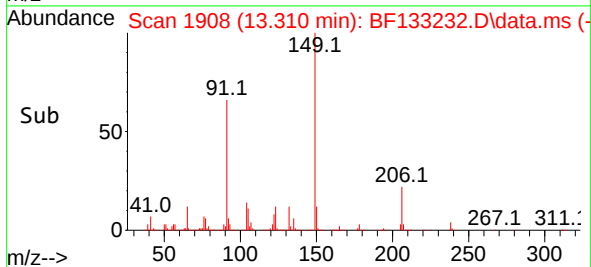
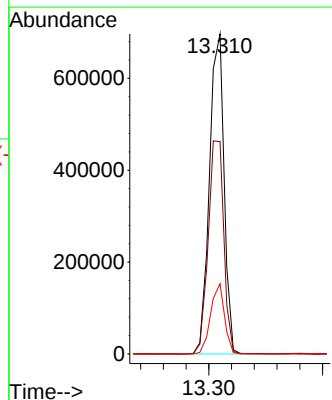
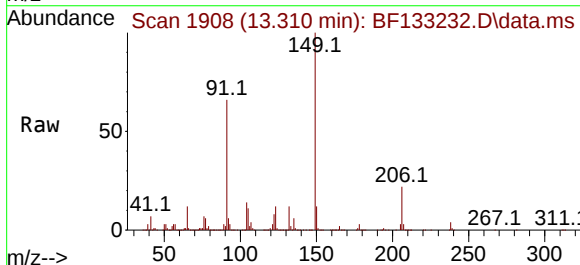
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

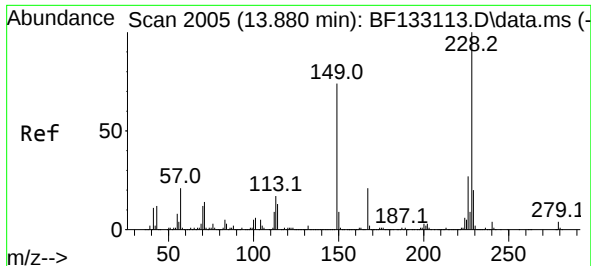
Tgt Ion:244 Resp: 1976666
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.0 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 46.059 ng
 RT: 13.310 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: BF133232.D
 Acq: 04 May 2023 15:56

Tgt Ion:149 Resp: 622842
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.8 80.6
 206 21.9 17.5 26.3

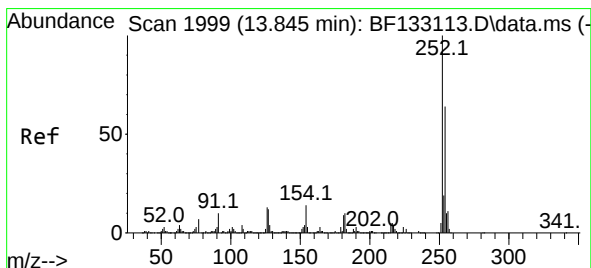
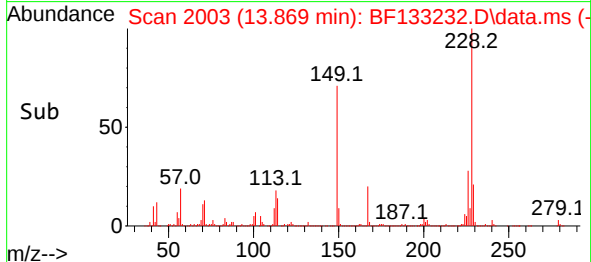
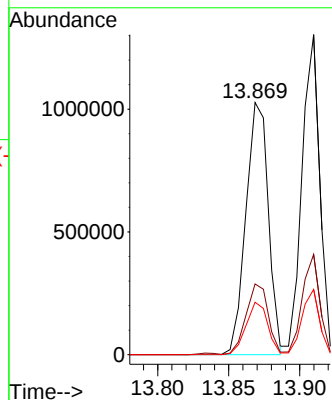
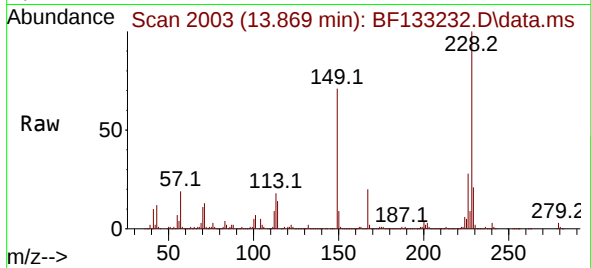




#81
Benzo(a)anthracene
Concen: 37.018 ng
RT: 13.869 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

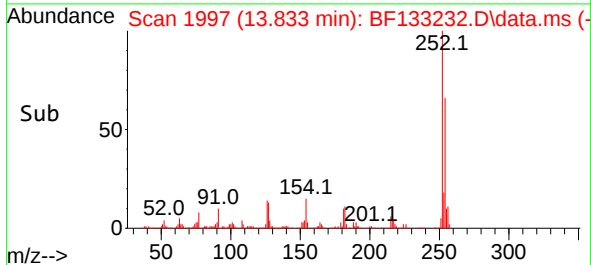
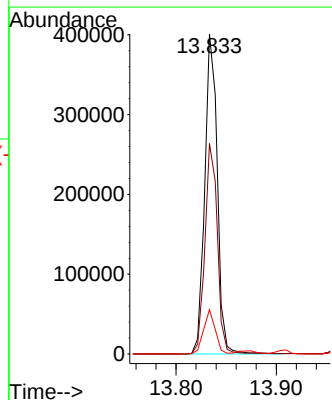
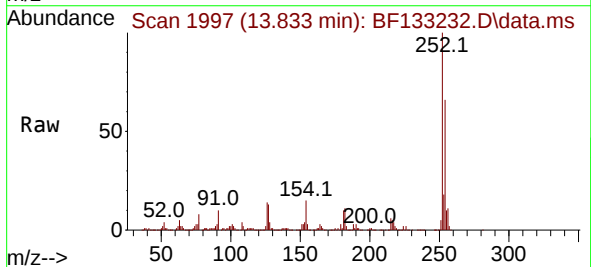
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

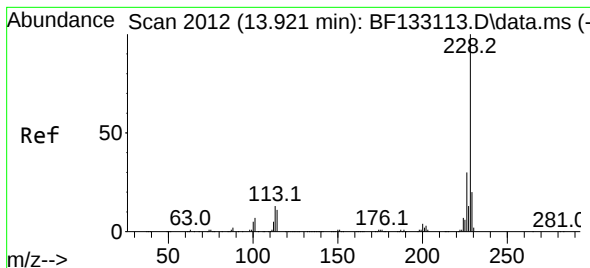
Tgt Ion:228 Resp: 1134121
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.362 ng
RT: 13.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:252 Resp: 350070
Ion Ratio Lower Upper
252 100
254 65.8 51.5 77.3
126 13.9 9.5 14.3





#83

Chrysene

Concen: 37.114 ng

RT: 13.910 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

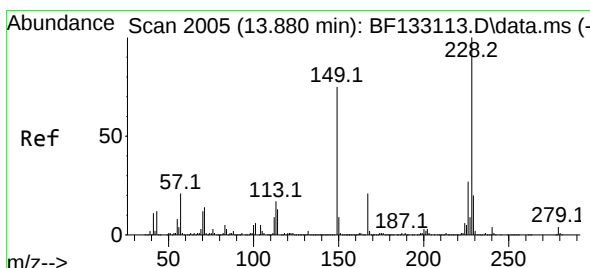
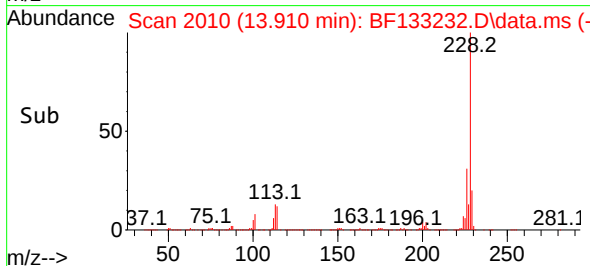
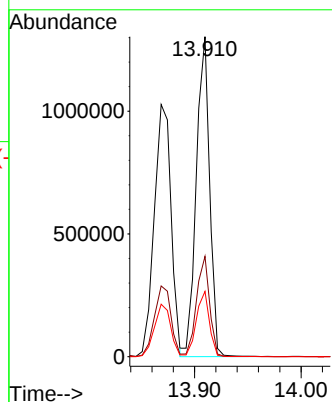
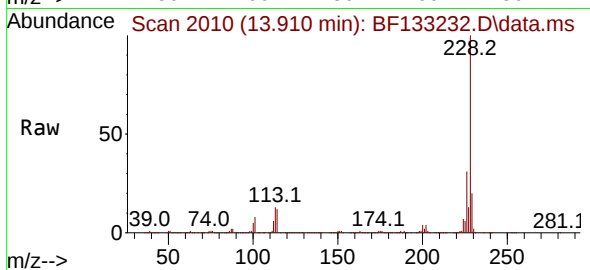
Tgt Ion:228 Resp: 1136799

Ion Ratio Lower Upper

228 100

226 31.3 24.7 37.1

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.574 ng

RT: 13.869 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

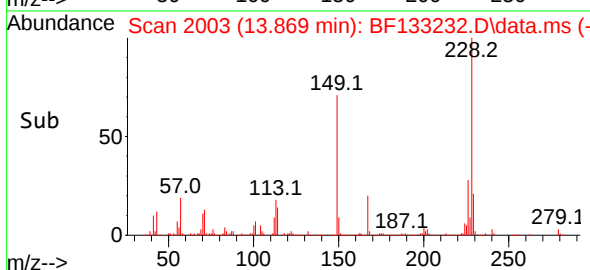
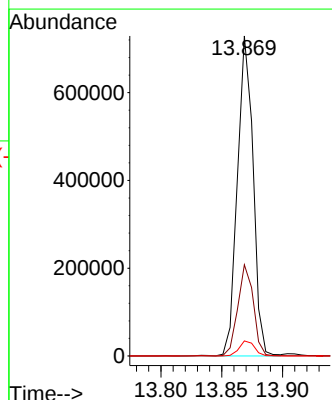
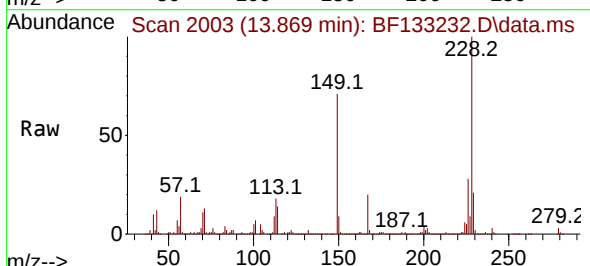
Tgt Ion:149 Resp: 654737

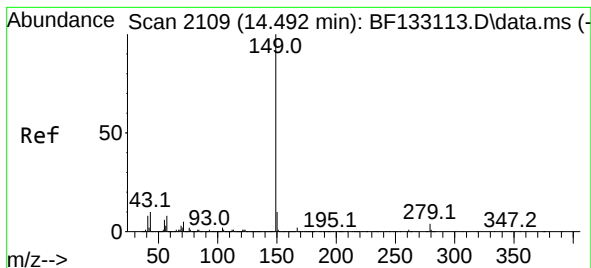
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 37.241 ng

RT: 14.480 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

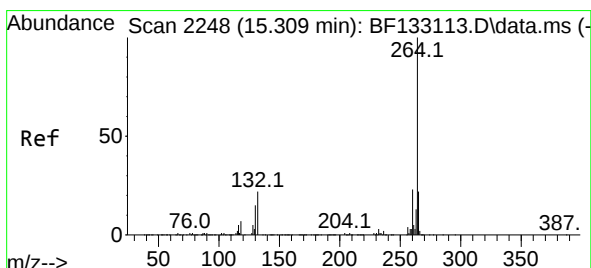
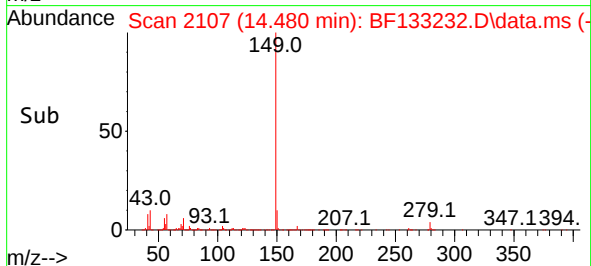
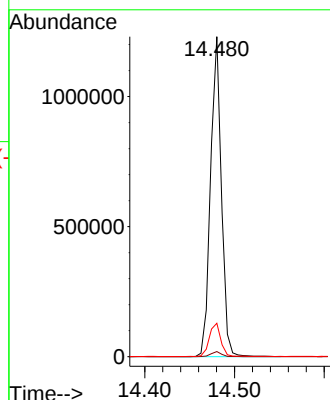
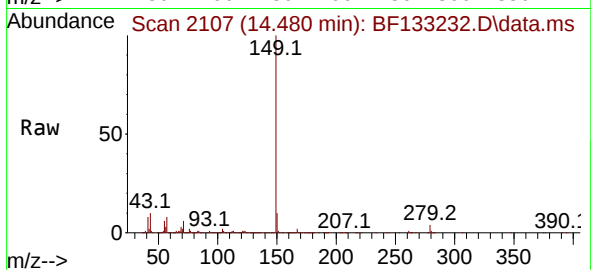
Tgt Ion:149 Resp: 1030684

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

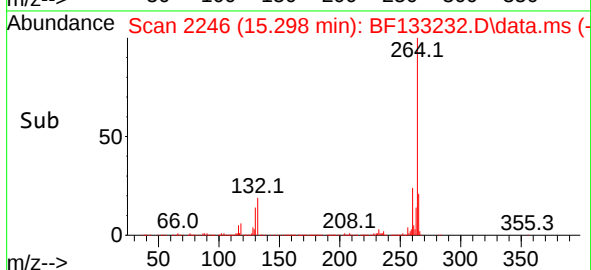
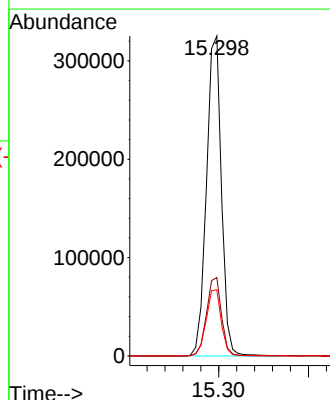
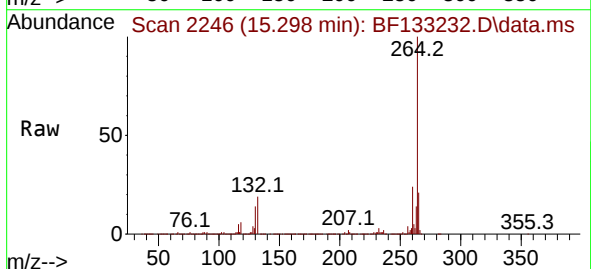
Tgt Ion:264 Resp: 375696

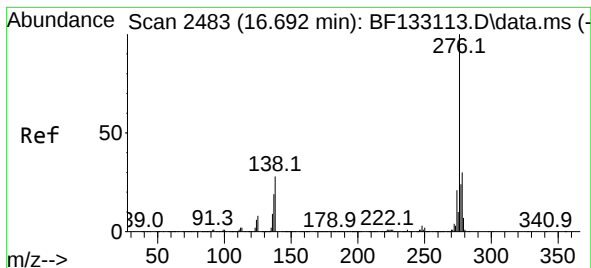
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 20.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.632 ng

RT: 16.674 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

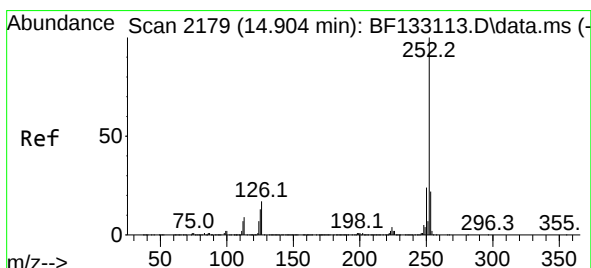
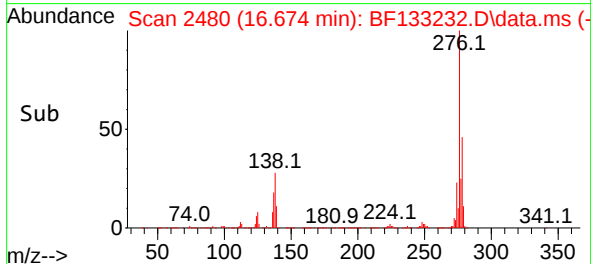
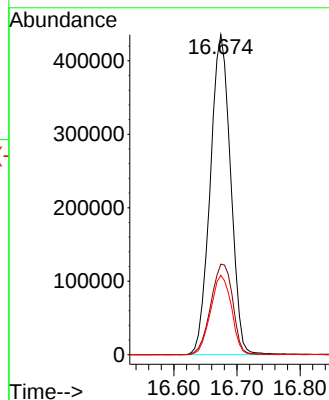
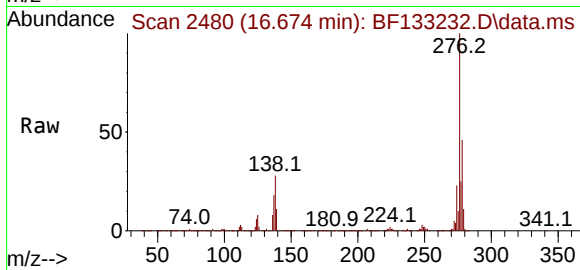
Tgt Ion:276 Resp: 975176

Ion Ratio Lower Upper

276 100

138 30.6 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.848 ng

RT: 14.892 min Scan# 2177

Delta R.T. -0.006 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

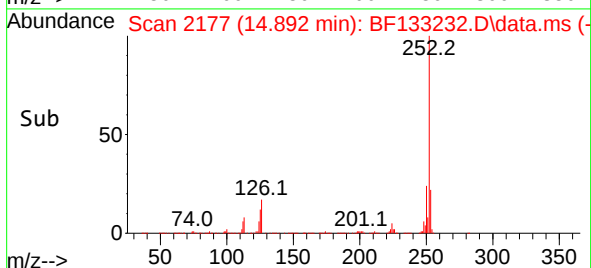
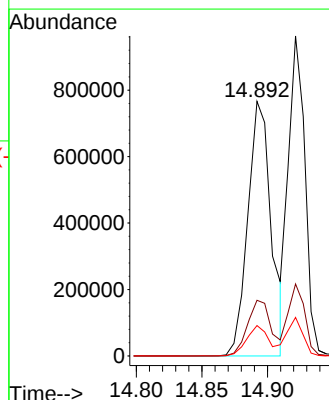
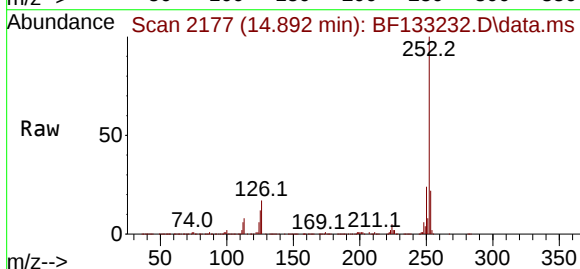
Tgt Ion:252 Resp: 952420

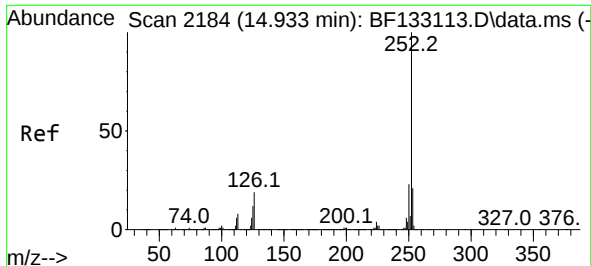
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 36.114 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

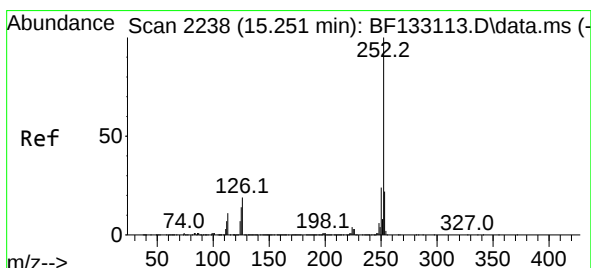
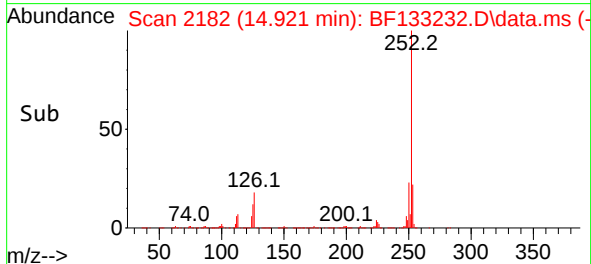
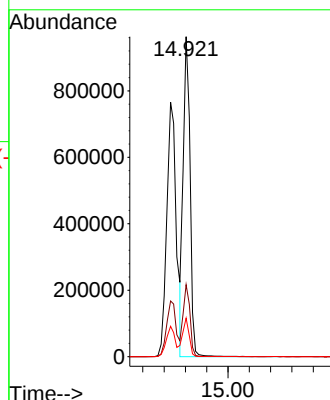
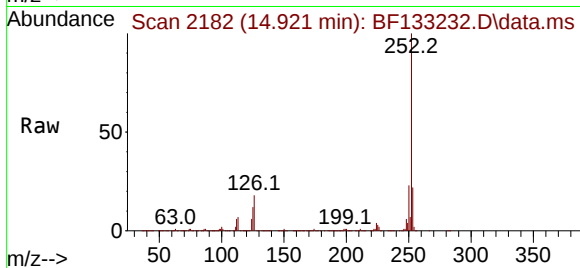
Tgt Ion:252 Resp: 855643

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 12.0 9.0 13.4



#90

Benzo(a)pyrene

Concen: 38.635 ng

RT: 15.239 min Scan# 2236

Delta R.T. 0.000 min

Lab File: BF133232.D

Acq: 04 May 2023 15:56

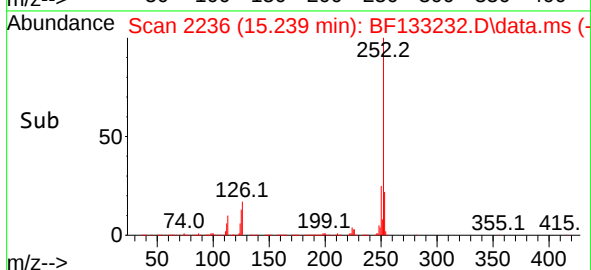
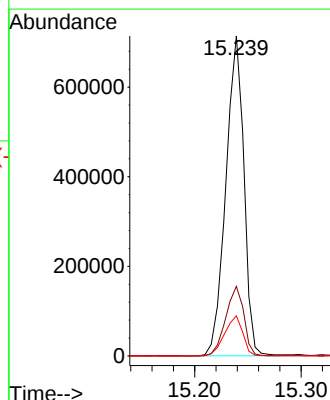
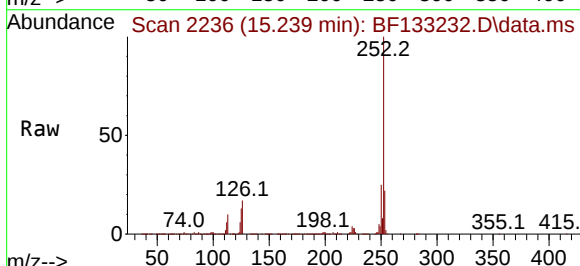
Tgt Ion:252 Resp: 840514

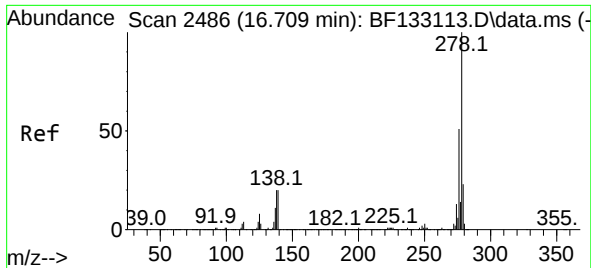
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.6 10.5 15.7

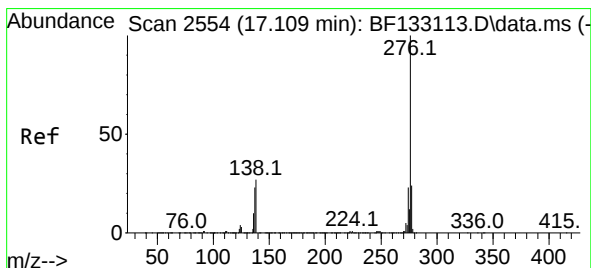
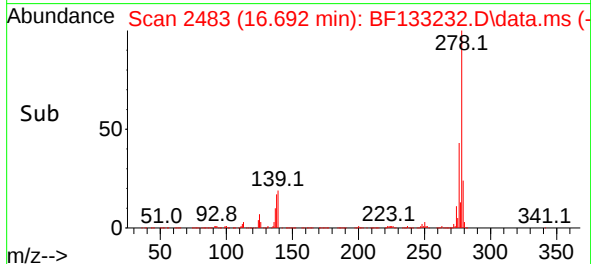
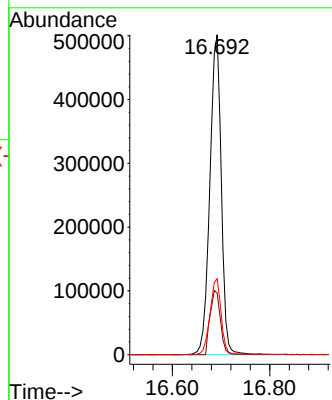
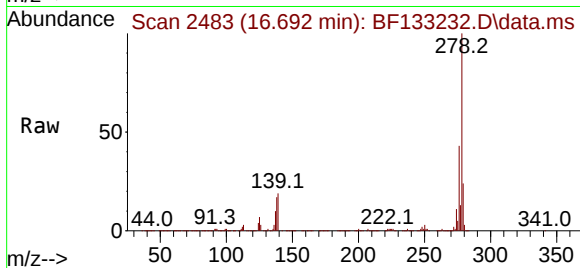




#91
Dibenzo(a,h)anthracene
Concen: 45.636 ng
RT: 16.692 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 813417
Ion Ratio Lower Upper
278 100
139 19.2 16.6 24.8
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.866 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF133232.D
Acq: 04 May 2023 15:56

Tgt Ion:276 Resp: 824694
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 26.3 22.7 34.1

