

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133353.D
 Acq On : 11 May 2023 14:16
 Operator : CG\JU
 Sample : PB152724BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BS

Quant Time: May 11 15:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	223612	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	918697	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	463797	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	813162	20.000	ng	0.00
76) Chrysene-d12	13.880	240	514101	20.000	ng	0.00
86) Perylene-d12	15.292	264	429053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1868103	126.200	ng	0.02
7) Phenol-d6	6.375	99	2212941	120.443	ng	0.00
23) Nitrobenzene-d5	7.293	82	1424574	83.699	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	555909	119.182	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2240104	80.805	ng	0.00
79) Terphenyl-d14	12.827	244	2539827	85.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.452	88	239001	34.809	ng	98
3) Pyridine	3.140	79	616784	33.822	ng	97
4) n-Nitrosodimethylamine	3.110	42	384133	40.667	ng	98
6) Aniline	6.387	93	779113	32.924	ng	# 18
8) 2-Chlorophenol	6.510	128	703126	46.783	ng	94
9) Benzaldehyde	6.269	77	362432	44.431	ng	98
10) Phenol	6.387	94	793234	39.135	ng	77
11) bis(2-Chloroethyl)ether	6.457	93	668314	43.939	ng	100
12) 1,3-Dichlorobenzene	6.663	146	735252	46.013	ng	98
13) 1,4-Dichlorobenzene	6.740	146	751730	46.940	ng	98
14) 1,2-Dichlorobenzene	6.893	146	716274	48.513	ng	99
15) Benzyl Alcohol	6.875	79	562253	44.301	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1032484	39.082	ng	90
17) 2-Methylphenol	6.993	107	567445	41.232	ng	95
18) Hexachloroethane	7.234	117	256763	46.116	ng	99
19) n-Nitroso-di-n-propyla...	7.145	70	433076	37.862	ng	96
20) 3+4-Methylphenols	7.145	107	663497	40.938	ng	# 76
22) Acetophenone	7.134	105	943102	44.316	ng	# 94
24) Nitrobenzene	7.310	77	706649	40.972	ng	99
25) Isophorone	7.545	82	1303462	40.335	ng	97
26) 2-Nitrophenol	7.628	139	386133	46.417	ng	93
27) 2,4-Dimethylphenol	7.675	122	609169	42.706	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	782528	40.933	ng	99
29) 2,4-Dichlorophenol	7.875	162	570258	43.915	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	590064	43.862	ng	99
31) Naphthalene	8.034	128	1920571	41.813	ng	100
32) Benzoic acid	7.810	122	310714	35.264	ng	96
33) 4-Chloroaniline	8.081	127	471366	25.399	ng	98
34) Hexachlorobutadiene	8.145	225	318472	42.713	ng	99
35) Caprolactam	8.498	113	67082	15.378	ng	91
36) 4-Chloro-3-methylphenol	8.569	107	601989	42.989	ng	99
37) 2-Methylnaphthalene	8.722	142	1263348	40.231	ng	98
38) 1-Methylnaphthalene	8.816	142	1175220	40.005	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	529601	42.469	ng	99
41) Hexachlorocyclopentadiene	8.875	237	568412	78.157	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	361167	41.879	ng	98

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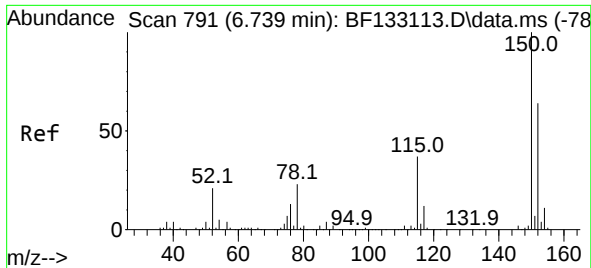
Quant Time: May 11 15:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	384624	38.563	ng	98
46) 1,1'-Biphenyl	9.186	154	1538021	41.820	ng	99
47) 2-Chloronaphthalene	9.210	162	1165475	43.297	ng	100
48) 2-Nitroaniline	9.304	65	377616	42.446	ng	95
49) Acenaphthylene	9.622	152	1784297	41.484	ng	99
50) Dimethylphthalate	9.492	163	1360371	42.065	ng	98
51) 2,6-Dinitrotoluene	9.551	165	315834	43.391	ng	89
52) Acenaphthene	9.792	154	1103477	38.306	ng	99
53) 3-Nitroaniline	9.716	138	286508	33.104	ng	98
54) 2,4-Dinitrophenol	9.828	184	355221	97.090	ng	97
55) Dibenzofuran	9.969	168	1569935	39.952	ng	99
56) 4-Nitrophenol	9.892	139	547010	81.604	ng	91
57) 2,4-Dinitrotoluene	9.957	165	409483	44.113	ng	90
58) Fluorene	10.310	166	1184400	41.140	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	326942	42.282	ng	98
60) Diethylphthalate	10.186	149	1249670	40.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	552644	39.391	ng	95
62) 4-Nitroaniline	10.339	138	368412	46.315	ng	97
63) Azobenzene	10.463	77	1267293	39.163	ng	96
65) 4,6-Dinitro-2-methylph...	10.363	198	236549	47.994	ng	78
66) n-Nitrosodiphenylamine	10.422	169	1079049	40.909	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	355409	40.299	ng	94
68) Hexachlorobenzene	10.857	284	396025	43.823	ng	98
69) Atrazine	10.951	200	362127	47.646	ng	99
70) Pentachlorophenol	11.057	266	433382	67.337	ng	97
71) Phenanthrene	11.269	178	1811540	41.449	ng	99
72) Anthracene	11.322	178	1858941	41.562	ng	99
73) Carbazole	11.475	167	1724839	43.309	ng	99
74) Di-n-butylphthalate	11.810	149	1948454	43.232	ng	99
75) Fluoranthene	12.451	202	1839855	41.946	ng	100
77) Benzidine	12.575	184	674095	77.538	ng	# 93
78) Pyrene	12.680	202	1890159	42.890	ng	99
80) Butylbenzylphthalate	13.304	149	813434	52.129	ng	98
81) Benzo(a)anthracene	13.869	228	1413152	39.972	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	406304	41.602	ng	99
83) Chrysene	13.904	228	1452307	41.090	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	908323	46.376	ng	100
85) Di-n-octyl phthalate	14.474	149	1531161	47.944	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1296307	53.116	ng	98
88) Benzo(b)fluoranthene	14.892	252	1252810	45.897	ng	98
89) Benzo(k)fluoranthene	14.921	252	1220096	45.092	ng	100
90) Benzo(a)pyrene	15.239	252	1063920	42.823	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1079678	53.042	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1100428	54.759	ng	97

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

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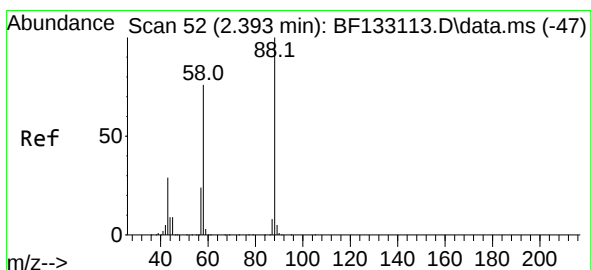
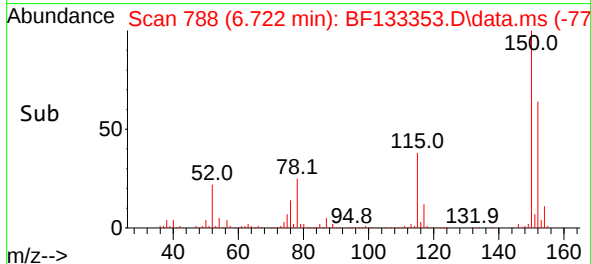
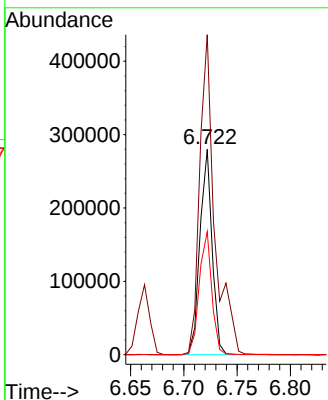
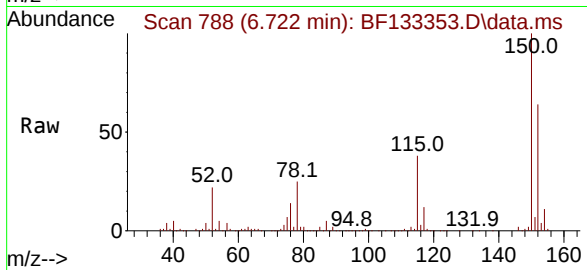




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

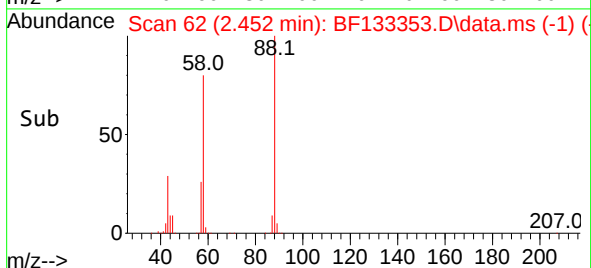
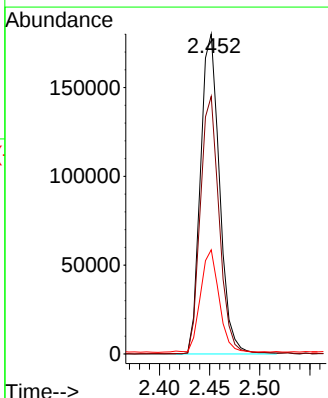
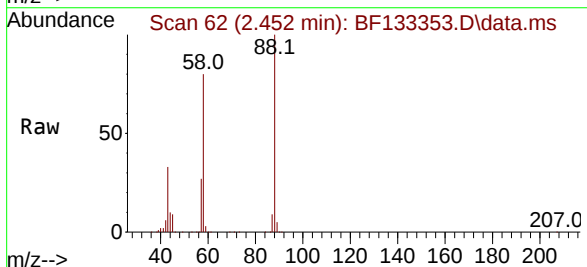
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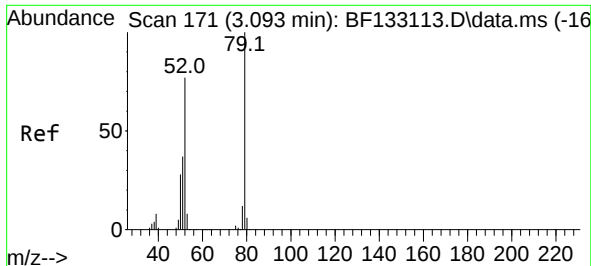
Tgt Ion:152 Resp: 223612
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.8 187.2
 115 60.0 49.9 74.9



#2
 1,4-Dioxane
 Concen: 34.809 ng
 RT: 2.452 min Scan# 62
 Delta R.T. 0.083 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

Tgt Ion: 88 Resp: 239001
 Ion Ratio Lower Upper
 88 100
 58 79.3 64.7 97.1
 43 31.4 26.2 39.2

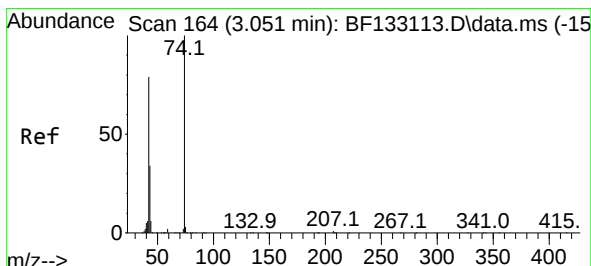
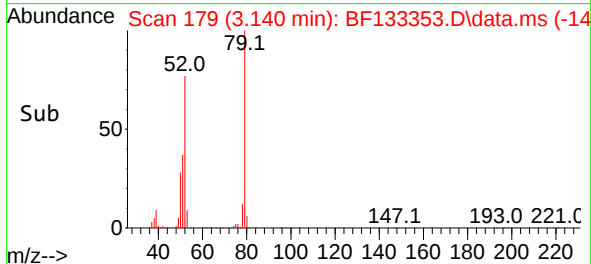
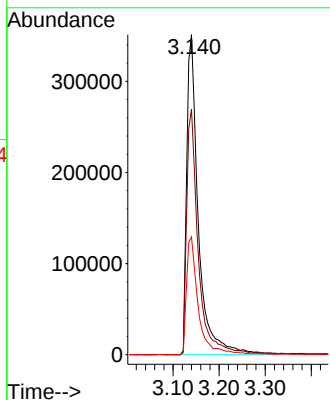
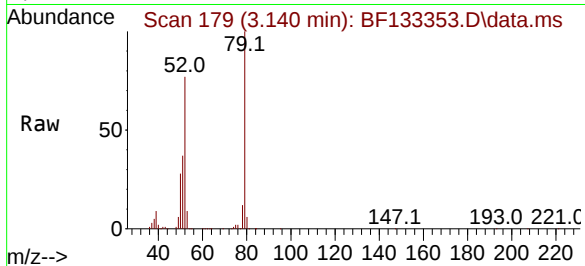




#3
Pyridine
Concen: 33.822 ng
RT: 3.140 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

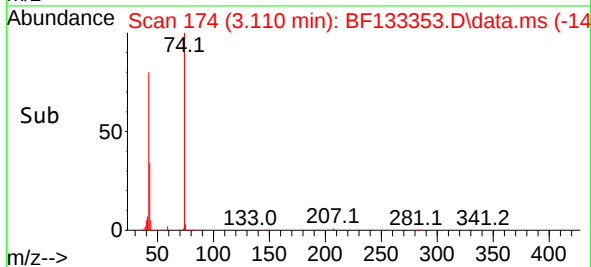
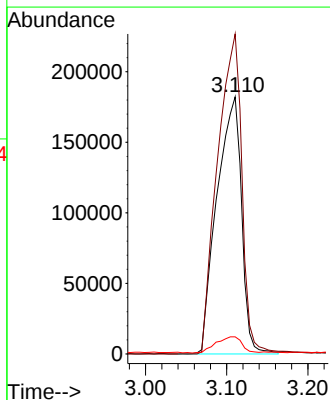
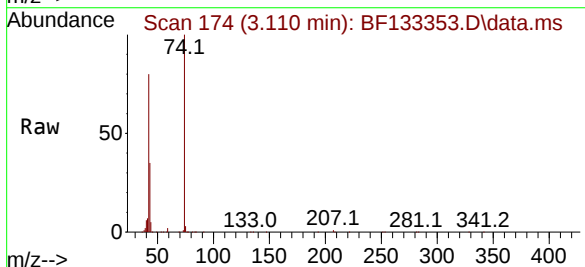
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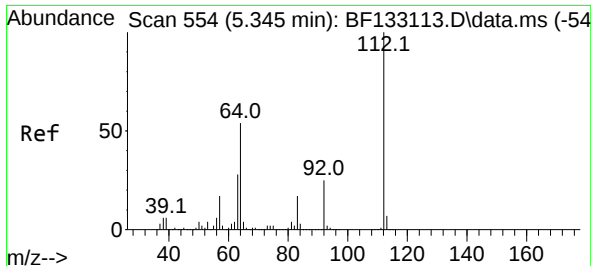
Tgt Ion: 79 Resp: 616784
Ion Ratio Lower Upper
79 100
52 76.8 64.6 96.8
51 36.8 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 40.667 ng
RT: 3.110 min Scan# 174
Delta R.T. 0.077 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion: 42 Resp: 384133
Ion Ratio Lower Upper
42 100
74 124.4 98.0 147.0
44 6.6 5.8 8.8

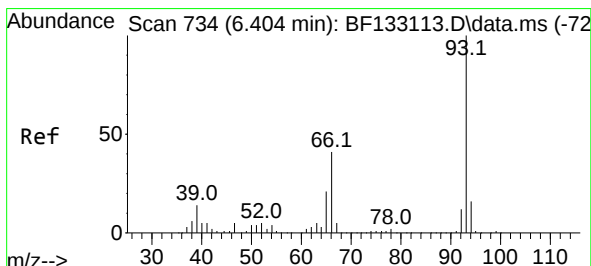
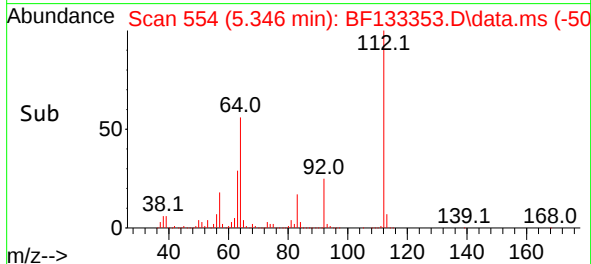
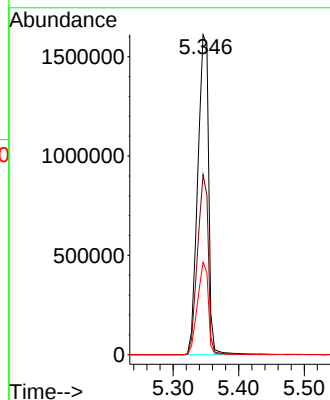
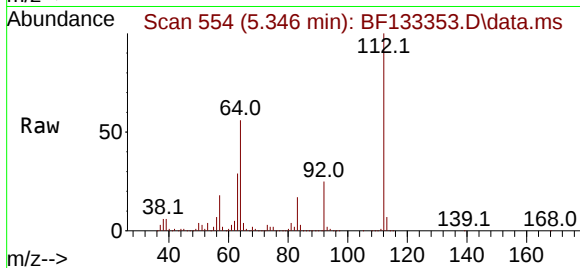




#5
2-Fluorophenol
Concen: 126.200 ng
RT: 5.346 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

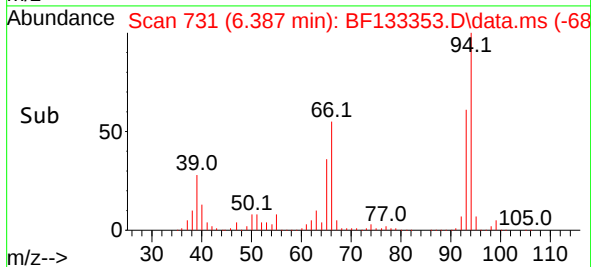
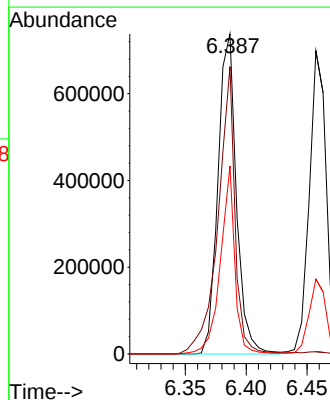
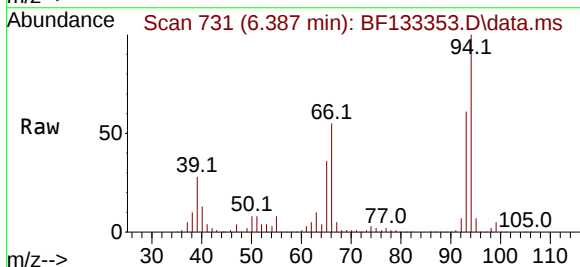
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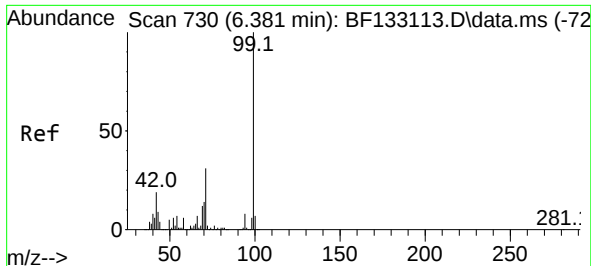
Tgt Ion:112 Resp: 1868103
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 28.9 23.8 35.8



#6
Aniline
Concen: 32.924 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion: 93 Resp: 779113
Ion Ratio Lower Upper
93 100
66 89.8 31.5 47.3#
65 58.7 16.4 24.6#

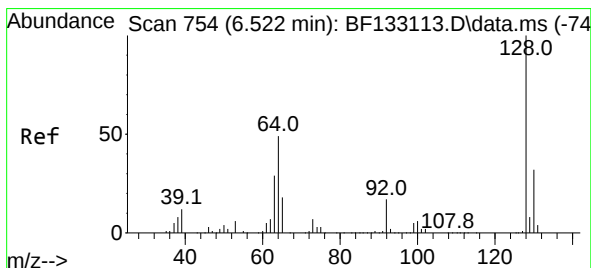
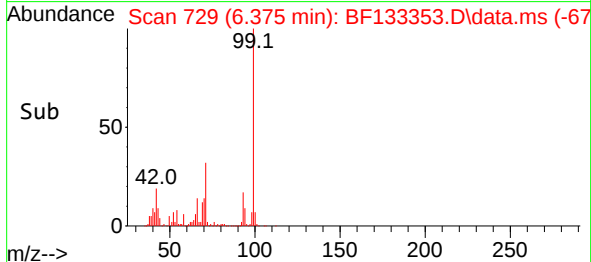
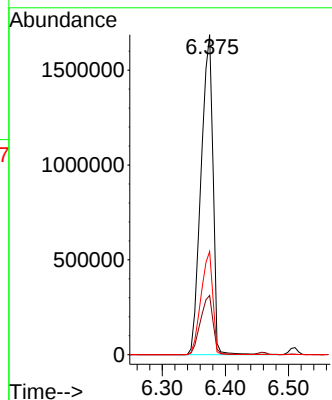
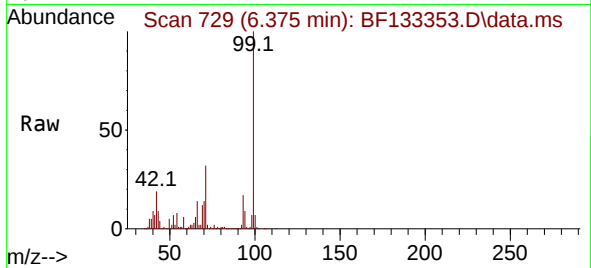




#7
Phenol-d6
Concen: 120.443 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

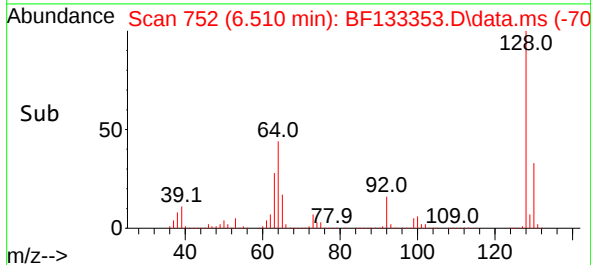
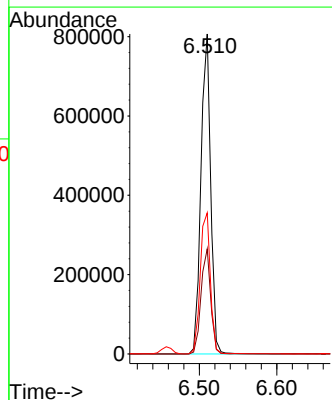
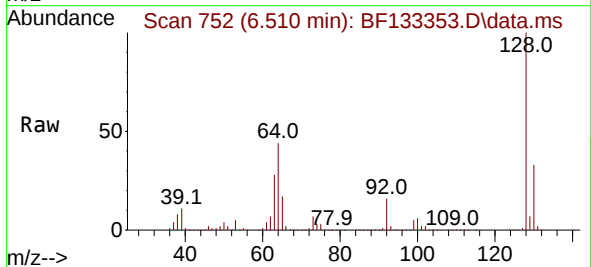
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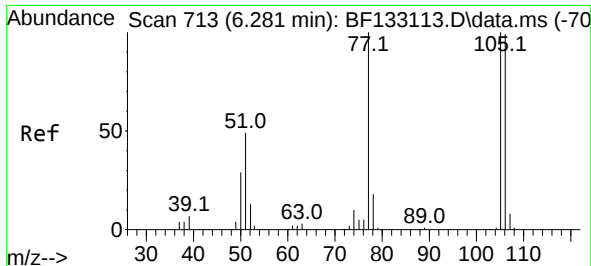
Tgt Ion: 99 Resp: 2212941
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 32.3 25.6 38.4



#8
2-Chlorophenol
Concen: 46.783 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:128 Resp: 703126
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 44.1 30.3 70.3

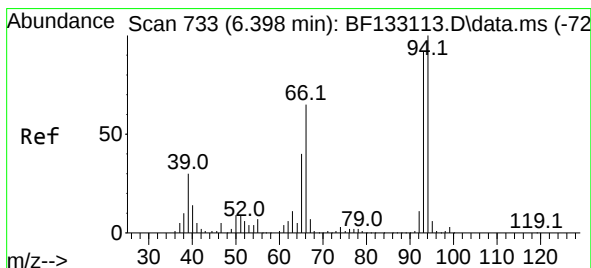
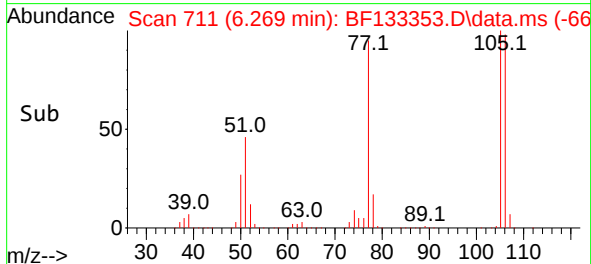
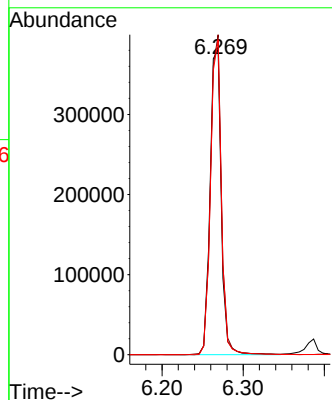
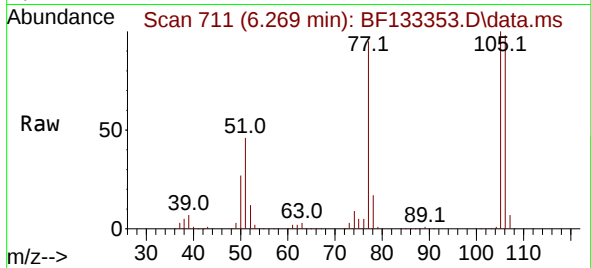




#9
Benzaldehyde
Concen: 44.431 ng
RT: 6.269 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

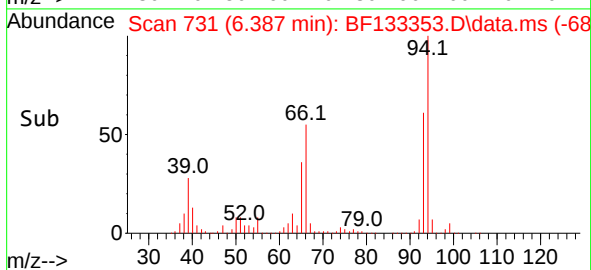
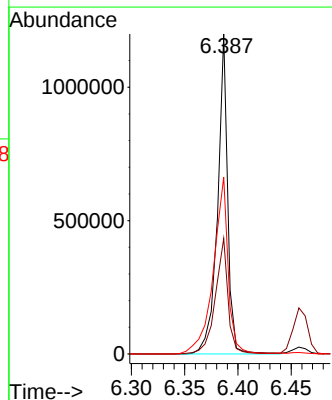
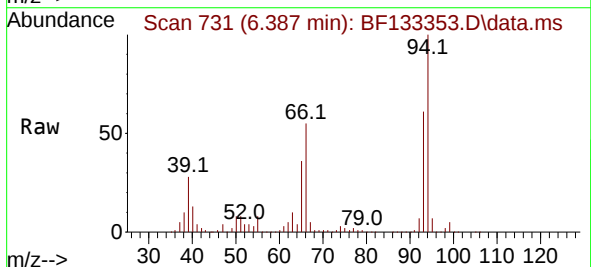
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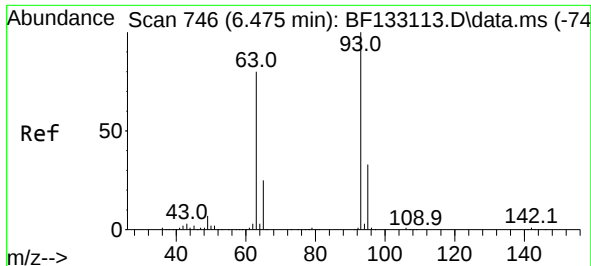
Tgt Ion: 77 Resp: 362432
Ion Ratio Lower Upper
77 100
105 104.8 82.3 122.3
106 103.2 80.8 120.8



#10
Phenol
Concen: 39.135 ng
RT: 6.387 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion: 94 Resp: 793234
Ion Ratio Lower Upper
94 100
65 36.1 8.6 48.6
66 55.2 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 43.939 ng

RT: 6.457 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

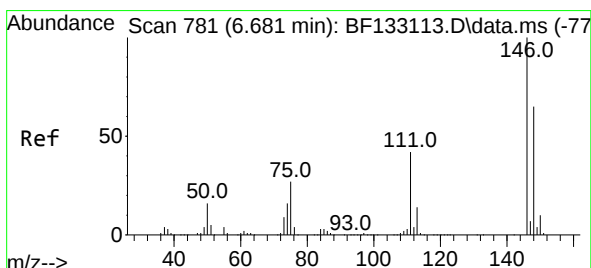
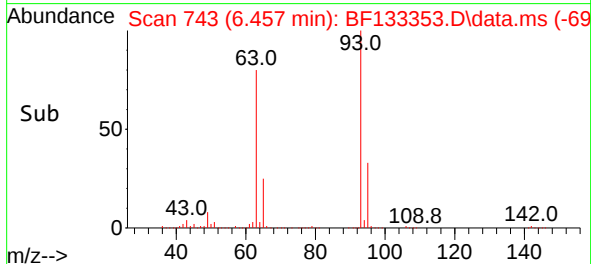
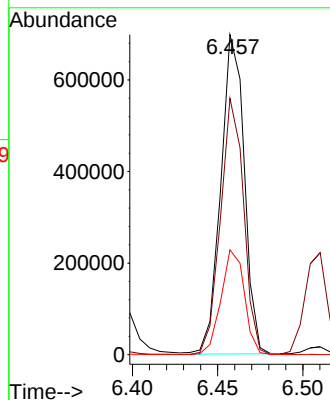
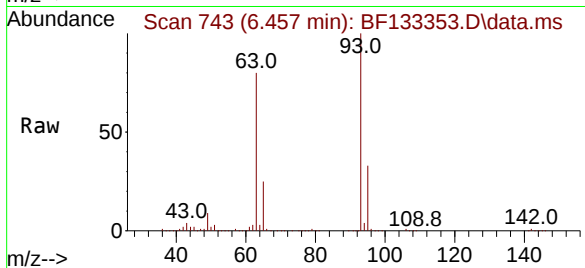
Tgt Ion: 93 Resp: 668314

Ion Ratio Lower Upper

93 100

63 80.1 60.6 100.6

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.013 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

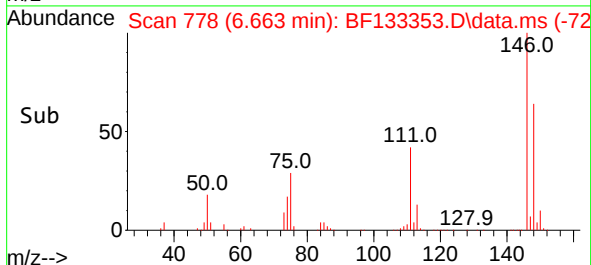
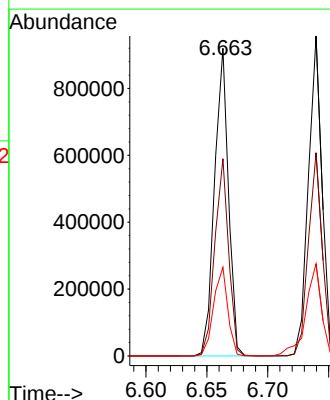
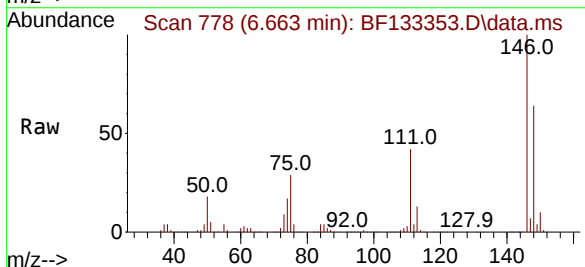
Tgt Ion: 146 Resp: 735252

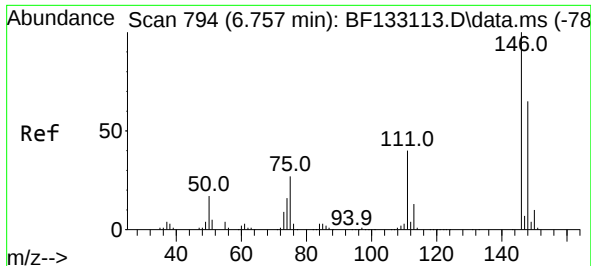
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 28.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.940 ng

RT: 6.740 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

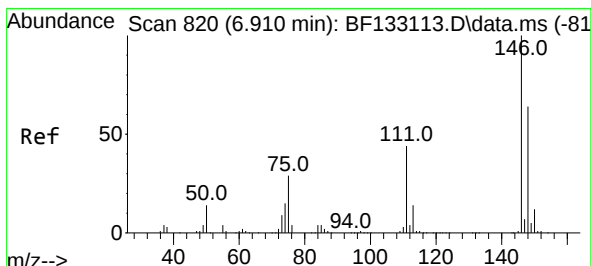
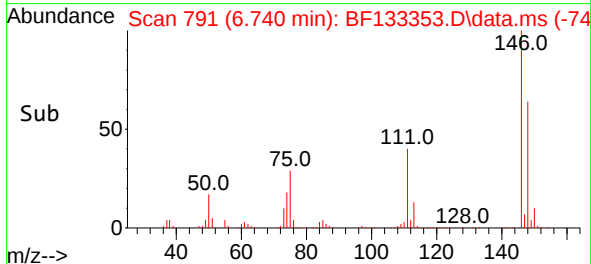
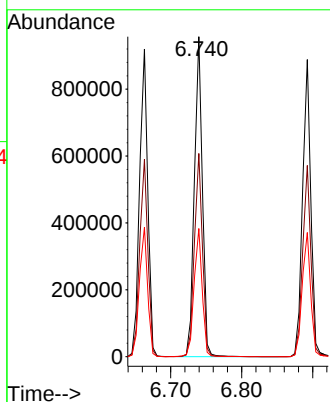
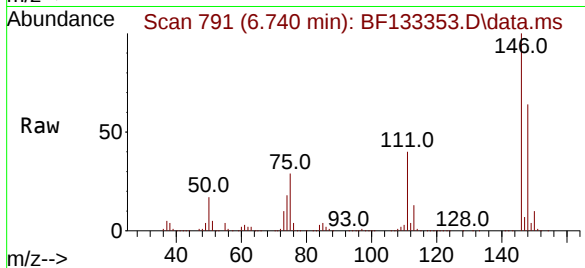
Tgt Ion:146 Resp: 751730

Ion Ratio Lower Upper

146 100

148 63.5 50.3 75.5

111 40.0 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.513 ng

RT: 6.893 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

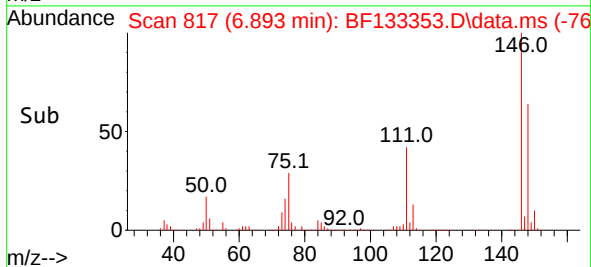
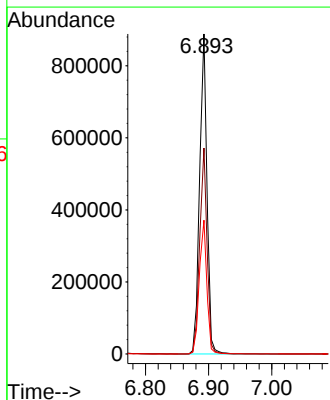
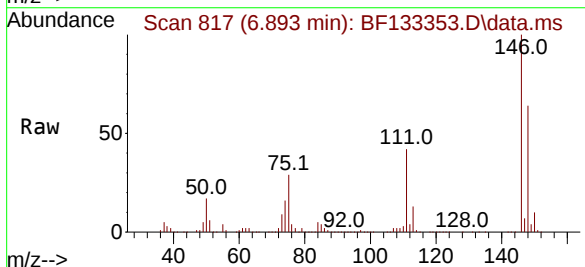
Tgt Ion:146 Resp: 716274

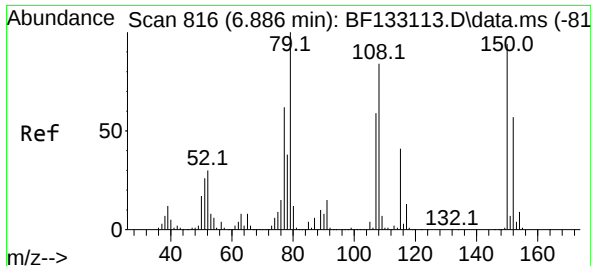
Ion Ratio Lower Upper

146 100

148 64.4 52.2 78.2

111 41.8 32.8 49.2

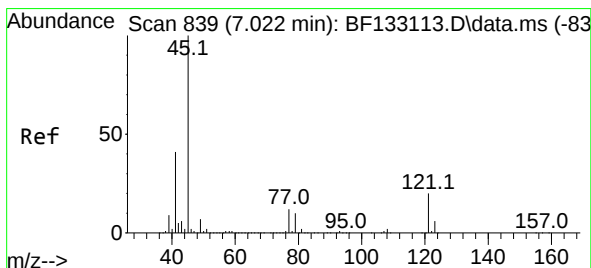
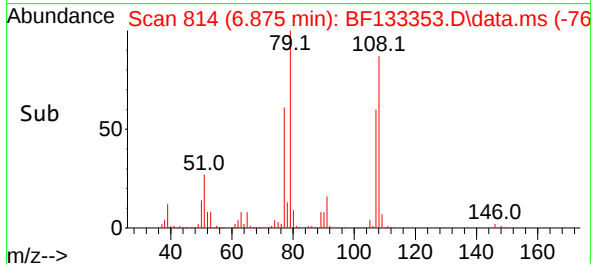
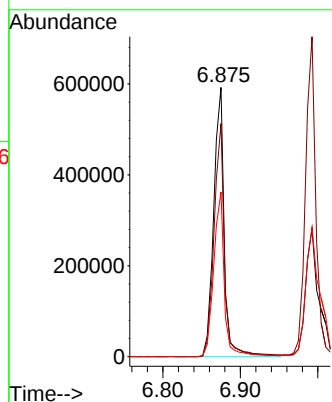
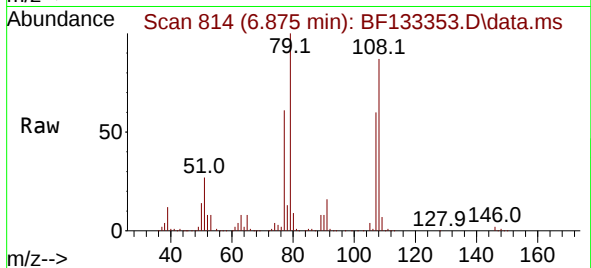




#15
Benzyl Alcohol
Concen: 44.301 ng
RT: 6.875 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

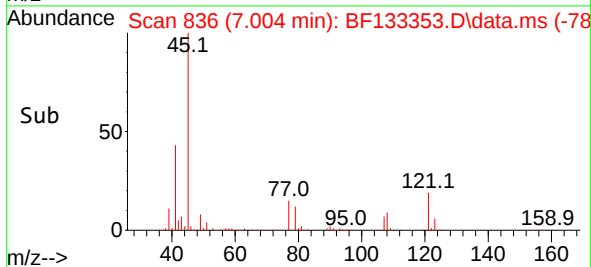
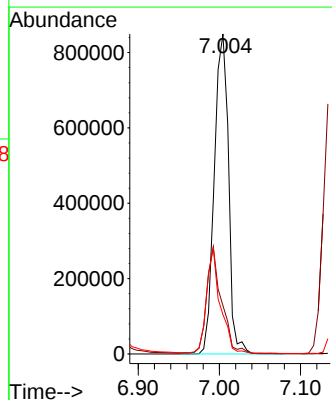
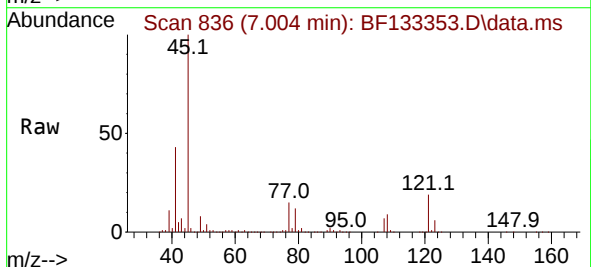
Instrument :
BNA_F
ClientSampleId :
PB152724BS

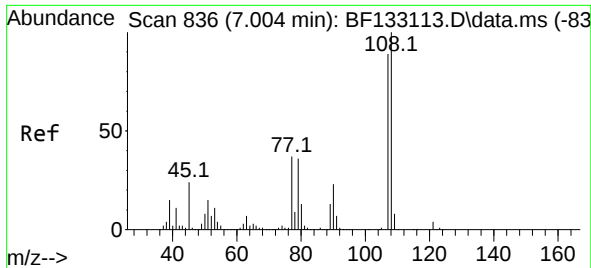
Tgt Ion: 79 Resp: 562253
Ion Ratio Lower Upper
79 100
108 86.6 66.6 99.8
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.082 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion: 45 Resp: 1032484
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.5
79 12.3 0.0 28.7

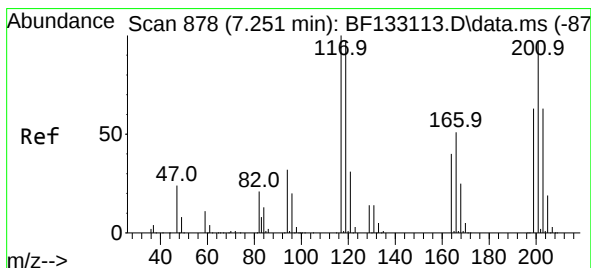
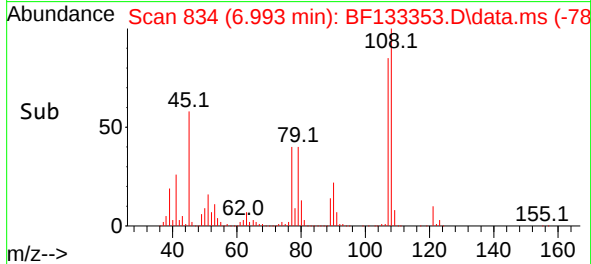
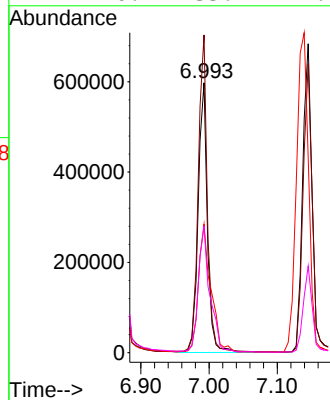
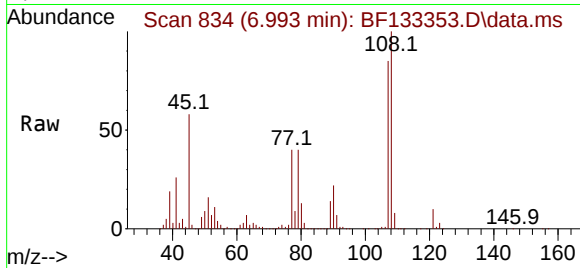




#17
2-Methylphenol
Concen: 41.232 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

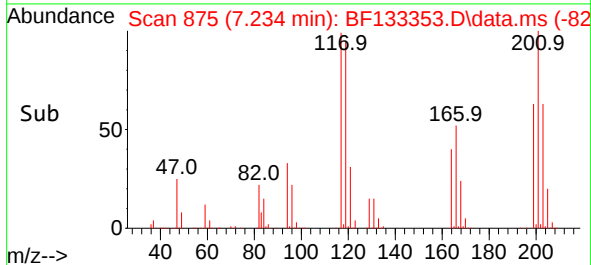
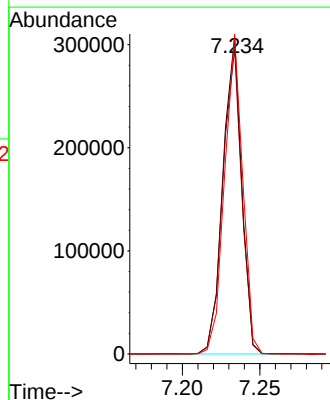
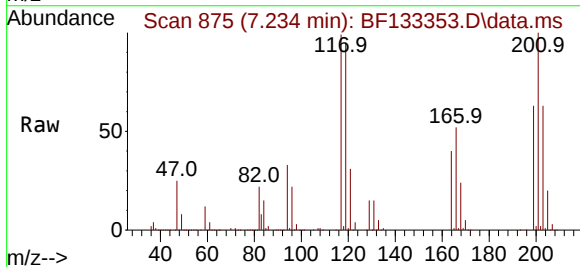
Instrument :
BNA_F
ClientSampleId :
PB152724BS

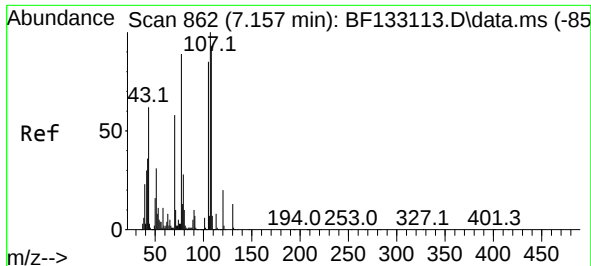
Tgt Ion:107 Resp: 567445
Ion Ratio Lower Upper
107 100
108 117.7 92.4 138.6
77 47.6 33.8 50.8
79 46.9 33.1 49.7



#18
Hexachloroethane
Concen: 46.116 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:117 Resp: 256763
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4
201 100.9 81.7 122.5

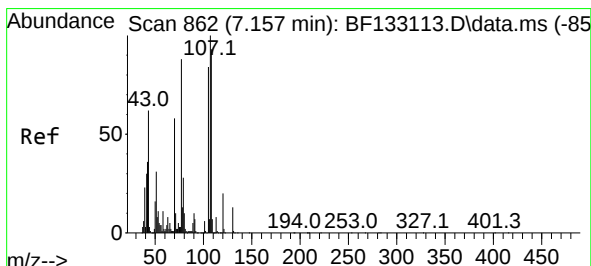
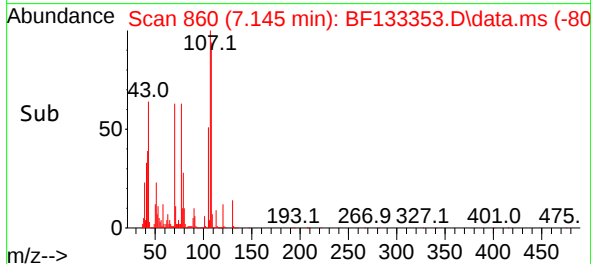
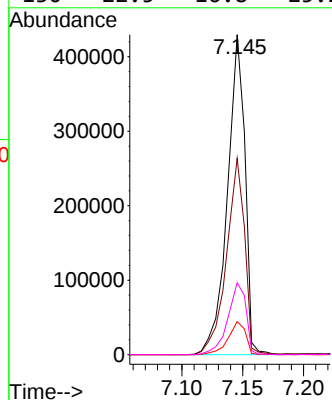
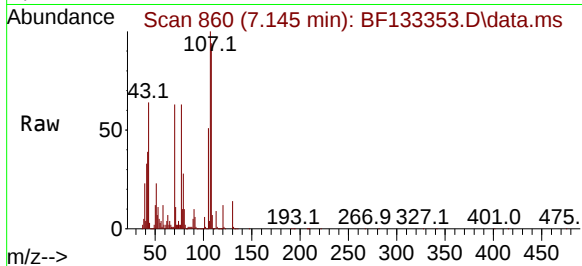




#19
n-Nitroso-di-n-propylamine
Concen: 37.862 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

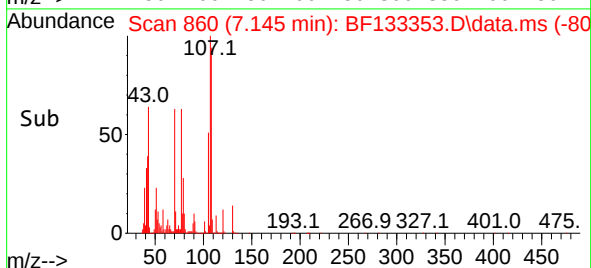
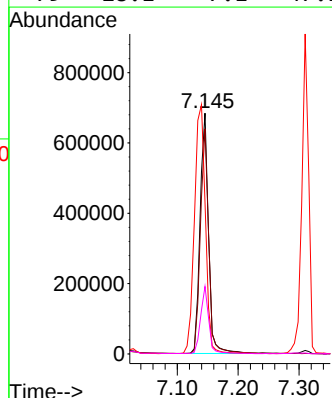
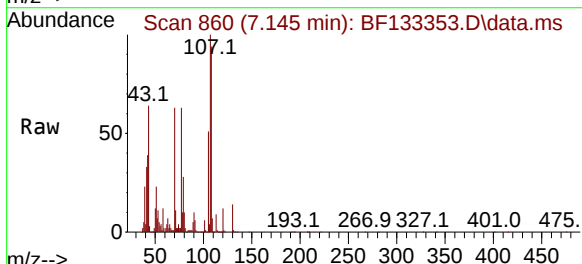
Instrument :
BNA_F
ClientSampleId :
PB152724BS

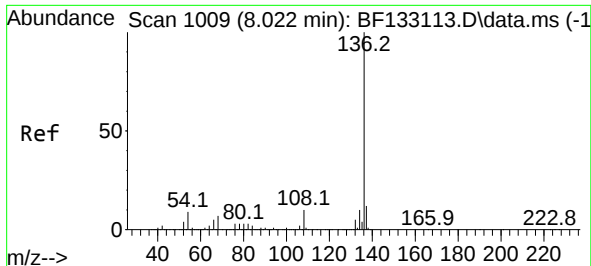
Tgt Ion:	70	Resp:	433076
Ion	Ratio	Lower	Upper
70	100		
42	61.3	51.8	77.6
101	10.3	8.0	12.0
130	22.5	16.8	25.2



#20
3+4-Methylphenols
Concen: 40.938 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:	107	Resp:	663497
Ion	Ratio	Lower	Upper
107	100		
108	93.5	70.5	110.5
77	63.1	91.7	131.7#
79	28.1	7.1	47.1

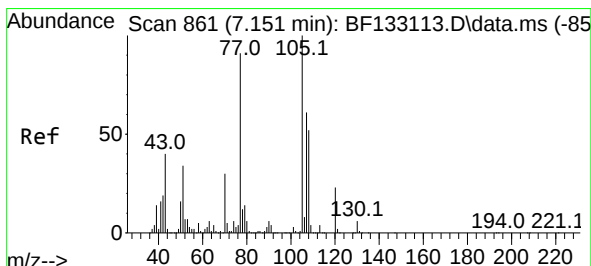
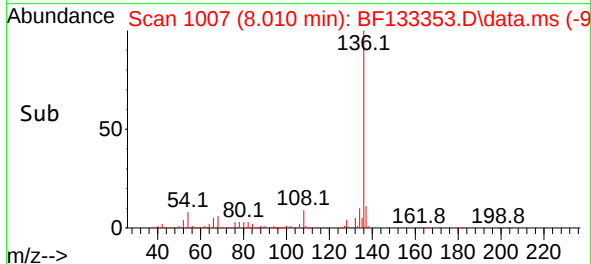
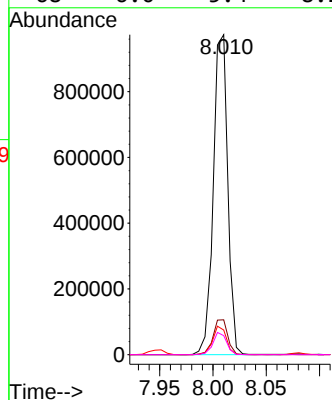
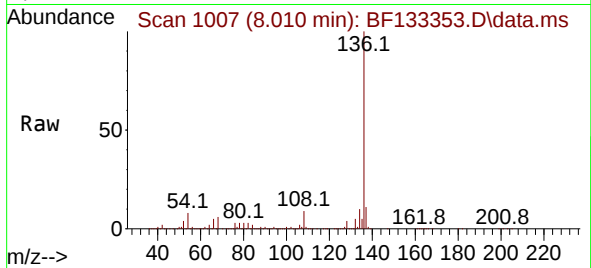




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

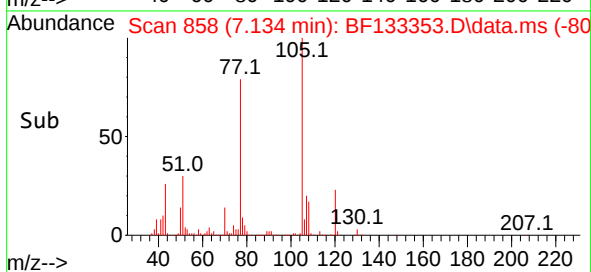
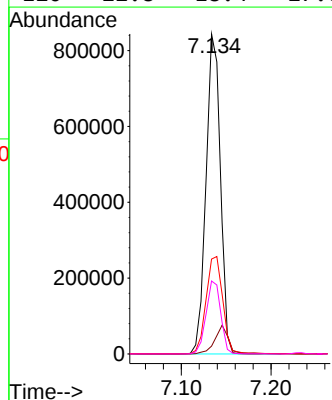
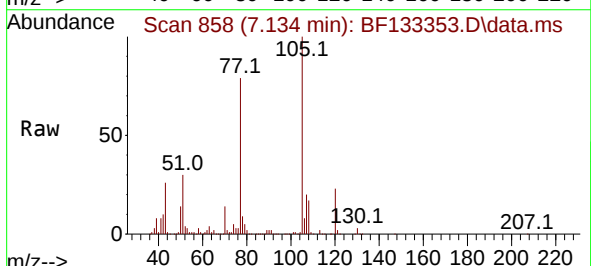
Instrument :
BNA_F
ClientSampleId :
PB152724BS

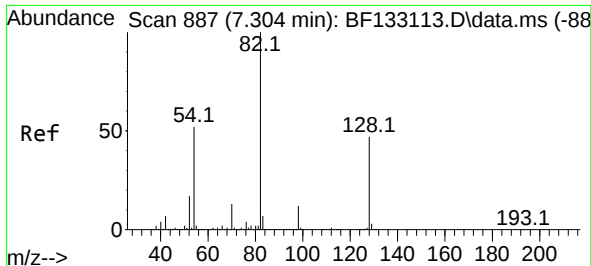
Tgt Ion:136 Resp: 918697
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.7 7.0 10.4
68 6.0 5.4 8.2



#22
Acetophenone
Concen: 44.316 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:105 Resp: 943102
Ion Ratio Lower Upper
105 100
71 2.5 4.6 7.0#
51 29.7 28.2 42.2
120 22.8 18.4 27.6





#23

Nitrobenzene-d5

Concen: 83.699 ng

RT: 7.293 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

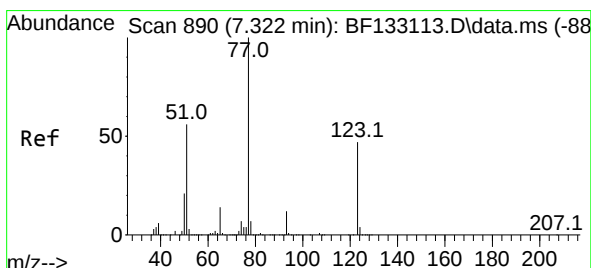
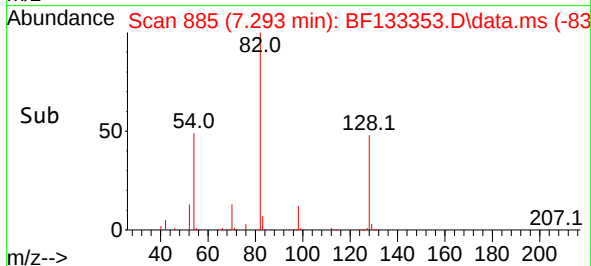
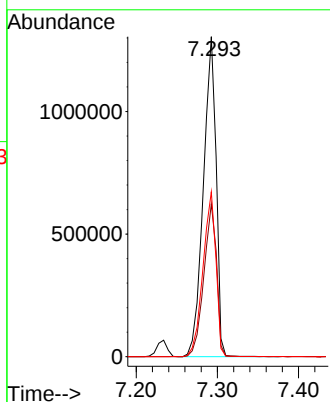
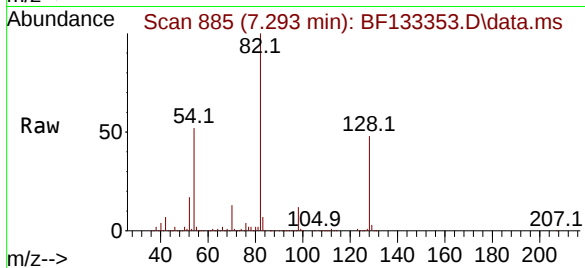
Tgt Ion: 82 Resp: 1424574

Ion Ratio Lower Upper

82 100

128 47.7 37.7 56.5

54 51.5 43.0 64.4



#24

Nitrobenzene

Concen: 40.972 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

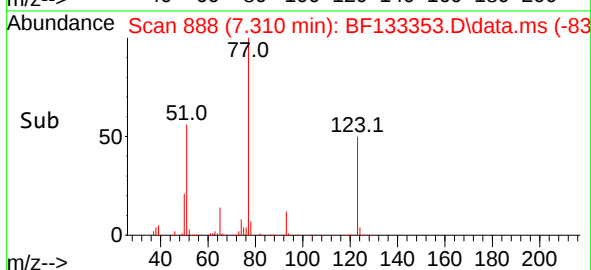
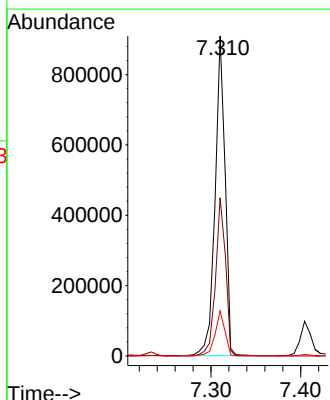
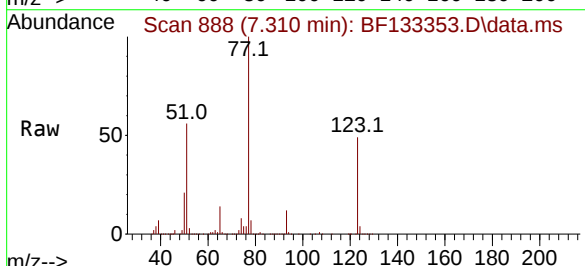
Tgt Ion: 77 Resp: 706649

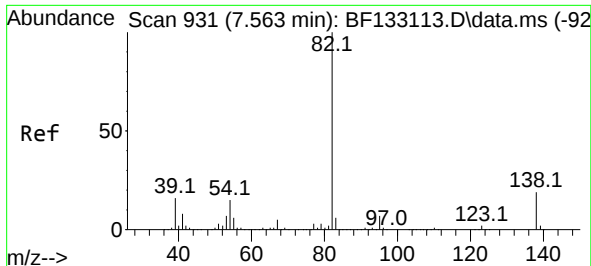
Ion Ratio Lower Upper

77 100

123 49.4 39.9 59.9

65 14.0 10.7 16.1

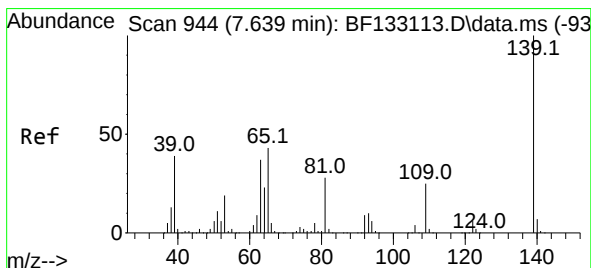
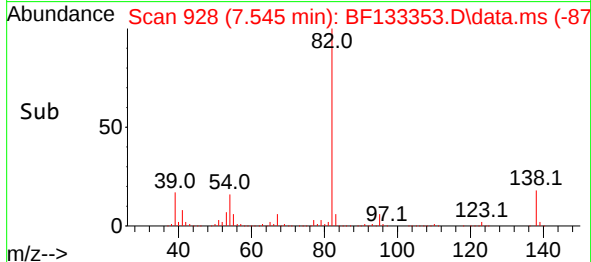
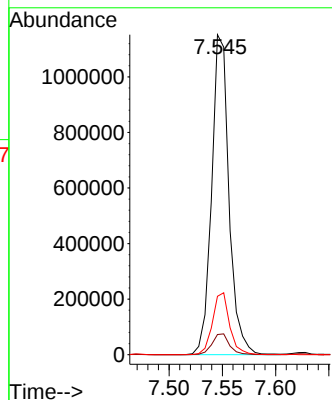
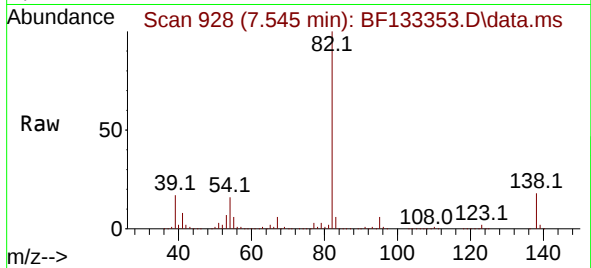




#25
Isophorone
Concen: 40.335 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

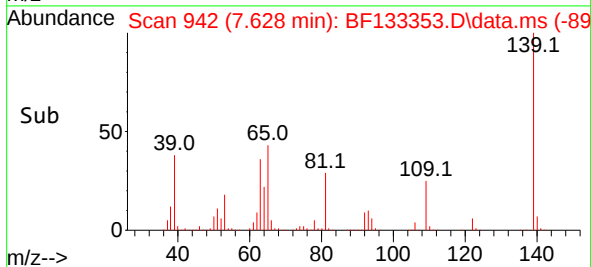
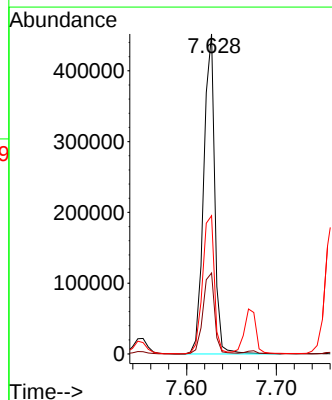
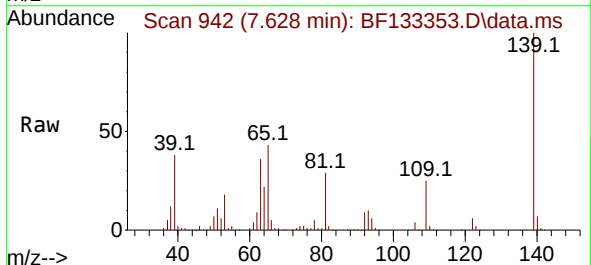
Instrument :
BNA_F
ClientSampleId :
PB152724BS

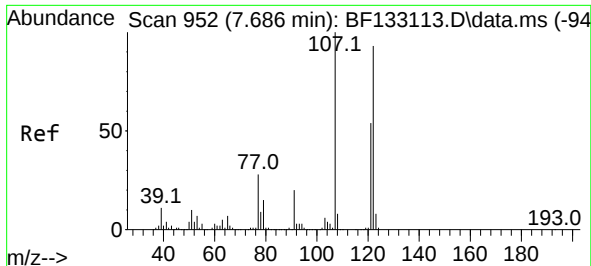
Tgt Ion: 82 Resp: 1303462
Ion Ratio Lower Upper
82 100
95 6.3 5.4 8.0
138 18.3 16.0 24.0



#26
2-Nitrophenol
Concen: 46.417 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:139 Resp: 386133
Ion Ratio Lower Upper
139 100
109 25.3 21.6 32.4
65 43.2 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 42.706 ng

RT: 7.675 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133353.D

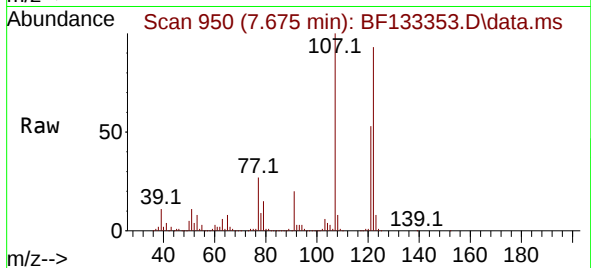
Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS



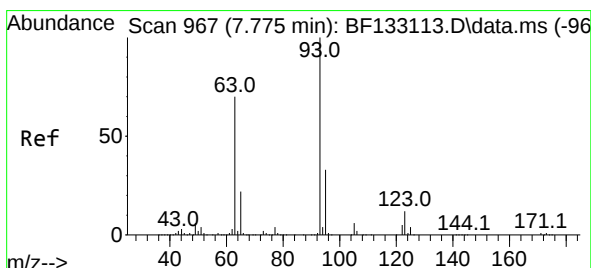
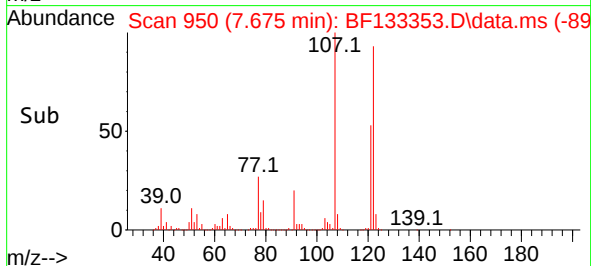
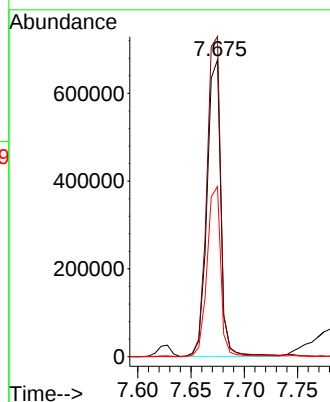
Tgt Ion:122 Resp: 609169

Ion Ratio Lower Upper

122 100

107 107.8 89.7 134.5

121 57.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.933 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

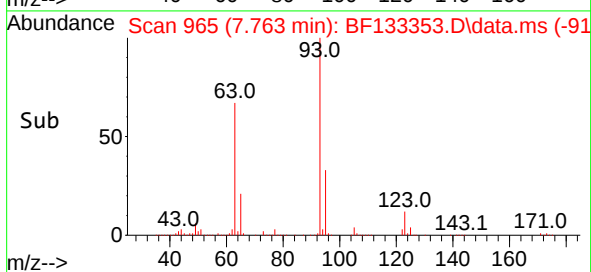
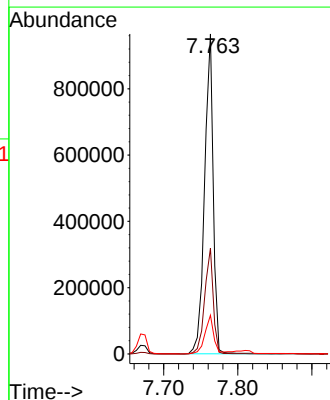
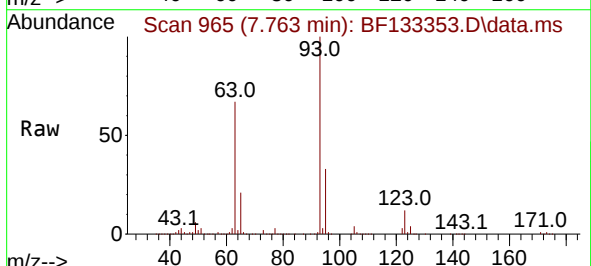
Tgt Ion: 93 Resp: 782528

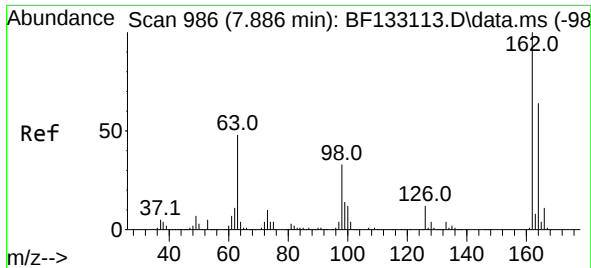
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.1 10.3 15.5

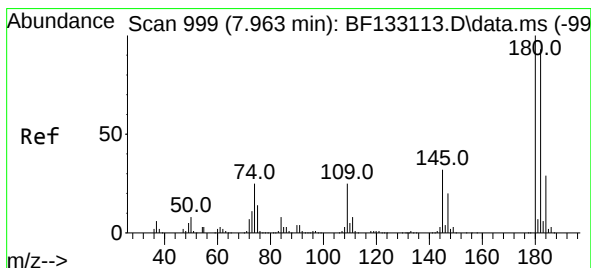
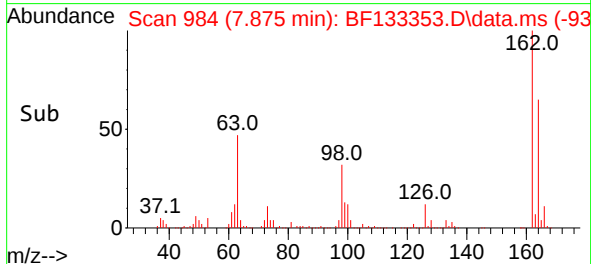
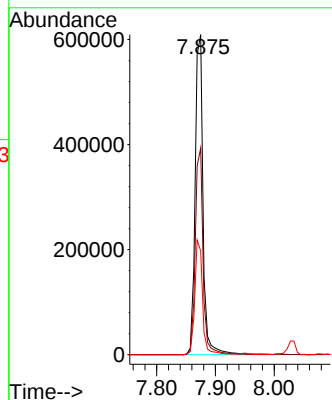
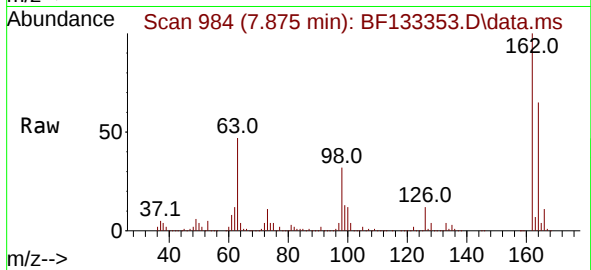




#29
2,4-Dichlorophenol
Concen: 43.915 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

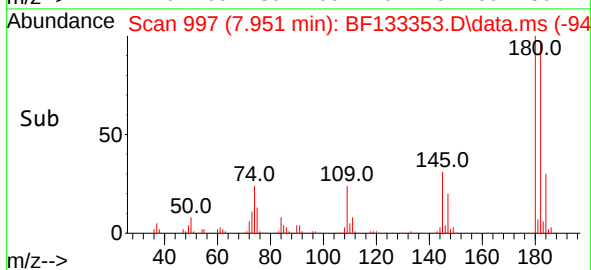
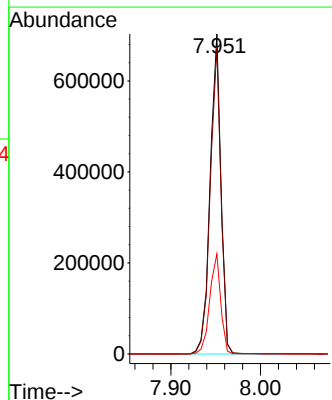
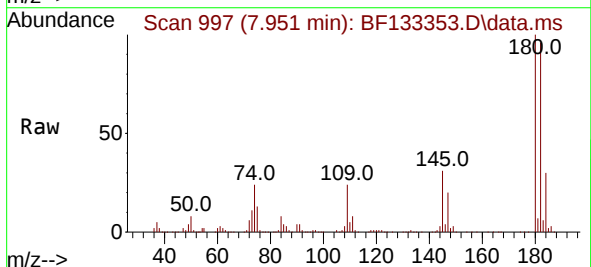
Instrument :
BNA_F
ClientSampleId :
PB152724BS

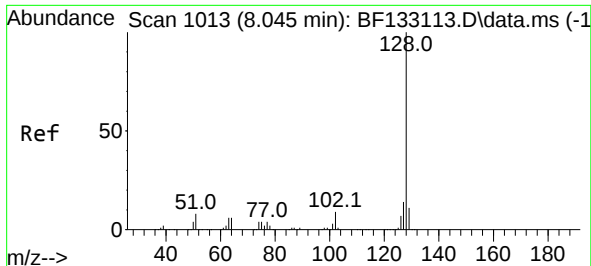
Tgt Ion:162 Resp: 570258
Ion Ratio Lower Upper
162 100
164 64.6 43.9 83.9
98 32.4 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 43.862 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:180 Resp: 590064
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 31.2 25.3 37.9

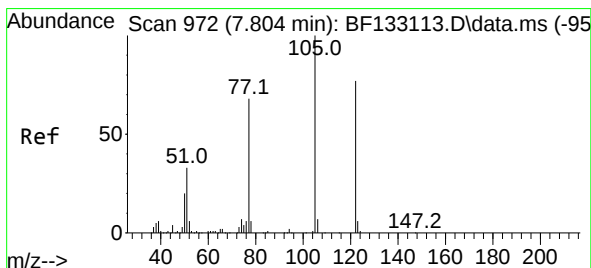
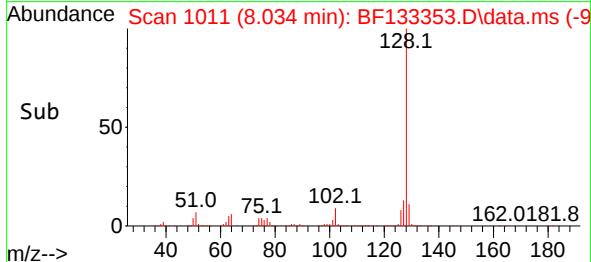
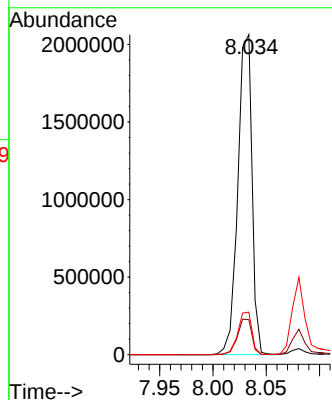
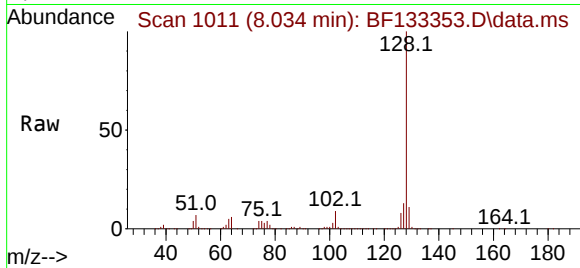




#31
Naphthalene
Concen: 41.813 ng
RT: 8.034 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

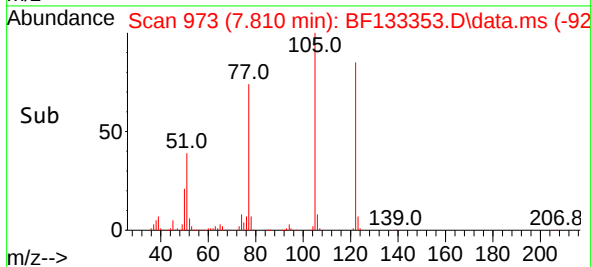
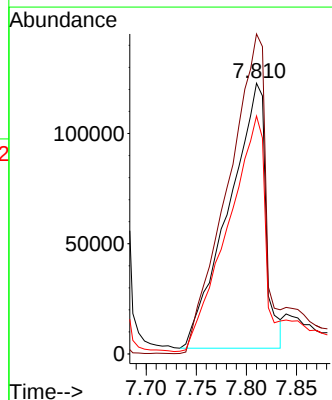
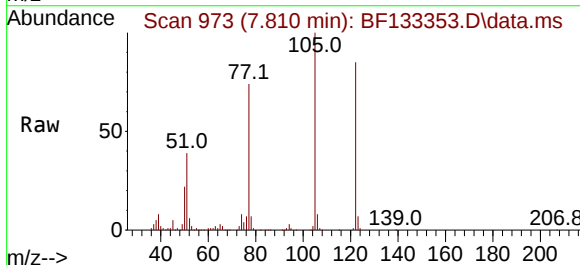
Instrument :
BNA_F
ClientSampleId :
PB152724BS

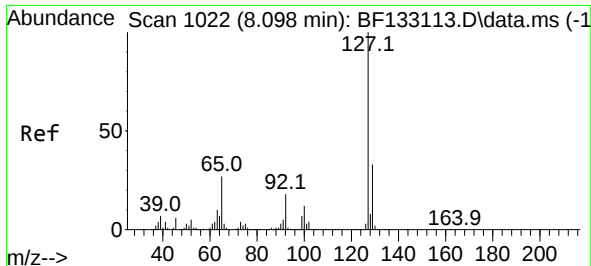
Tgt Ion:128 Resp: 1920571
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 35.264 ng
RT: 7.810 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:122 Resp: 310714
Ion Ratio Lower Upper
122 100
105 118.2 104.2 144.2
77 87.9 69.7 109.7





#33
4-Chloroaniline
Concen: 25.399 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

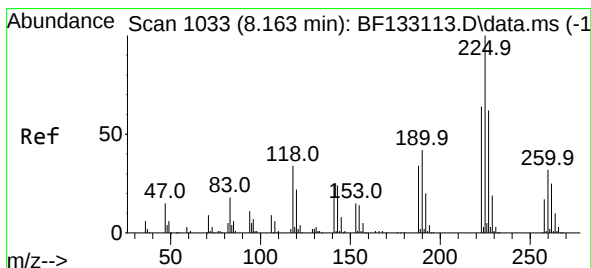
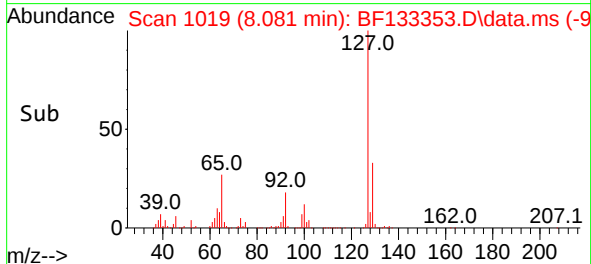
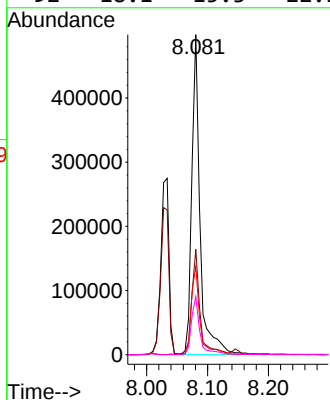
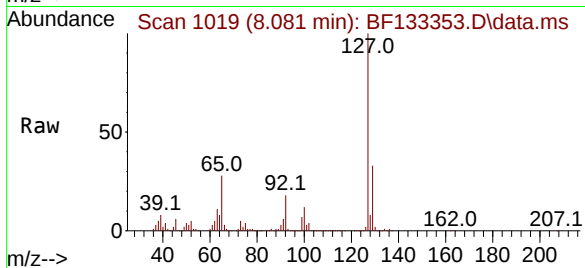
Instrument :

BNA_F

ClientSampleId :

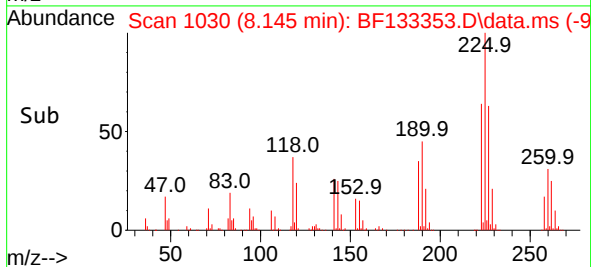
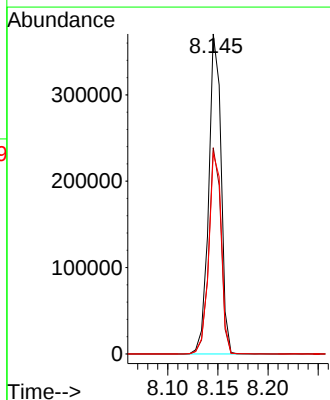
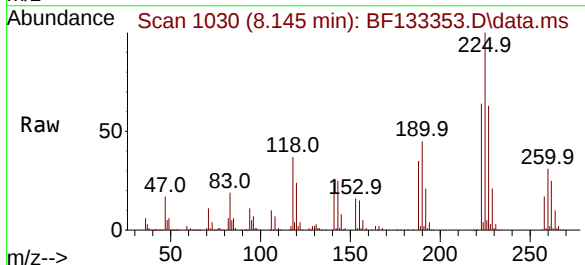
PB152724BS

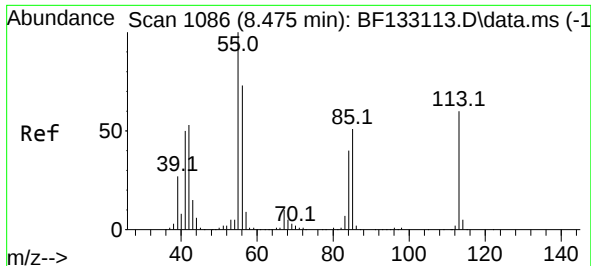
Tgt Ion:127 Resp: 471366
Ion Ratio Lower Upper
127 100
129 32.9 25.8 38.8
65 27.5 23.6 35.4
92 18.1 15.3 22.9



#34
Hexachlorobutadiene
Concen: 42.713 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:225 Resp: 318472
Ion Ratio Lower Upper
225 100
223 64.4 50.9 76.3
227 62.7 50.3 75.5

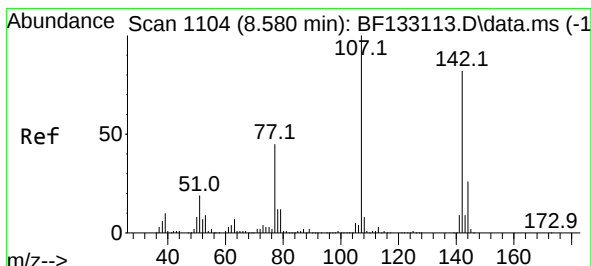
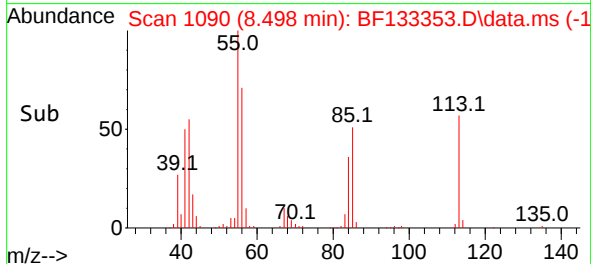
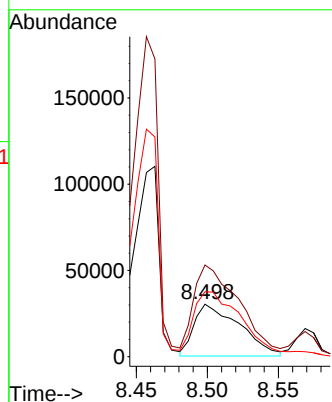
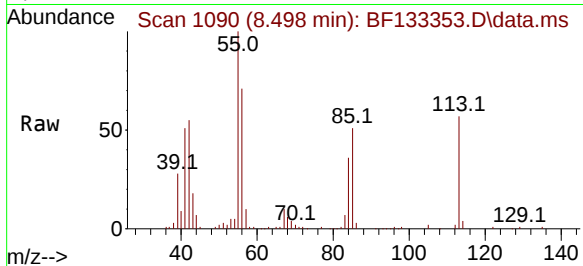




#35
 Caprolactam
 Concen: 15.378 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.035 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

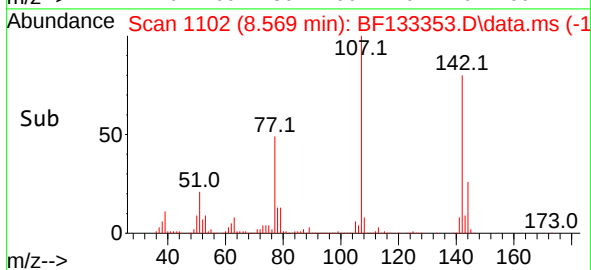
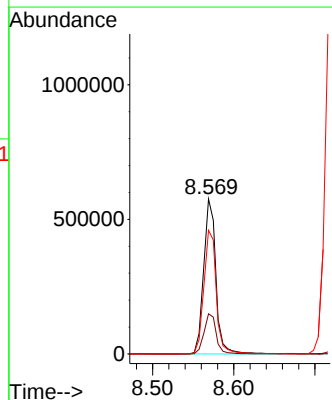
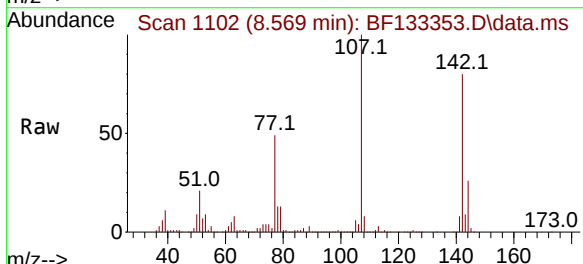
Instrument :
 BNA_F
 ClientSampleId :
 PB152724BS

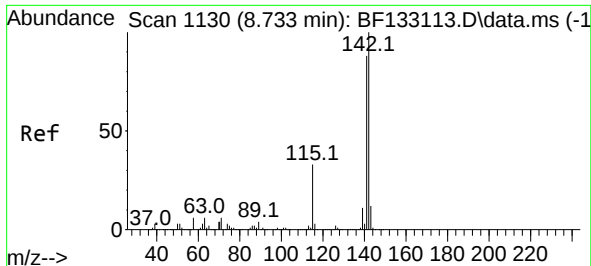
Tgt Ion:113 Resp: 67082
 Ion Ratio Lower Upper
 113 100
 55 174.8 167.1 207.1
 56 123.8 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 42.989 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

Tgt Ion:107 Resp: 601989
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 79.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.231 ng

RT: 8.722 min Scan# 1128

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

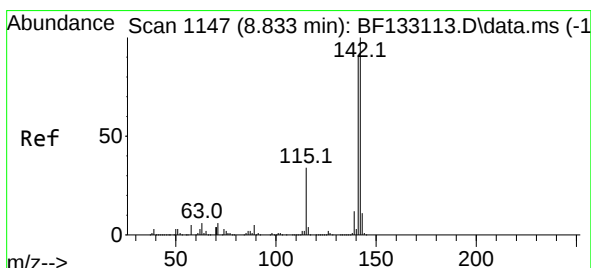
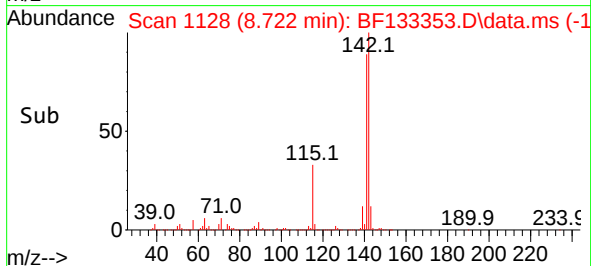
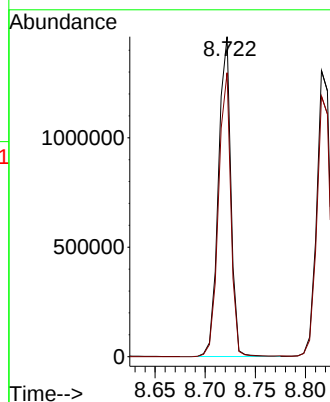
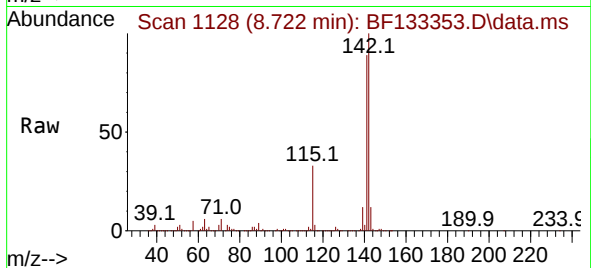
PB152724BS

Tgt Ion:142 Resp: 1263348

Ion Ratio Lower Upper

142 100

141 88.8 69.4 104.0



#38

1-Methylnaphthalene

Concen: 40.005 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF133353.D

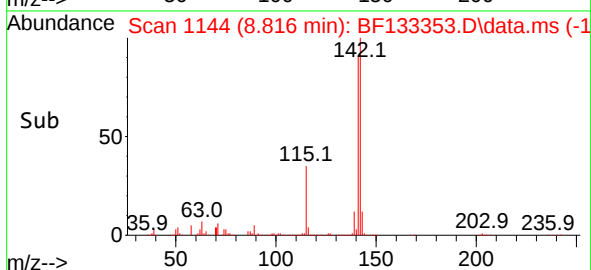
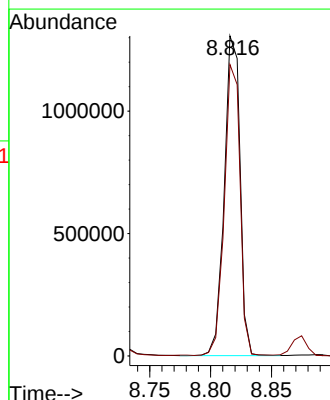
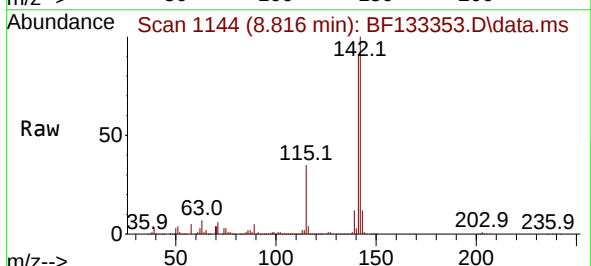
Acq: 11 May 2023 14:16

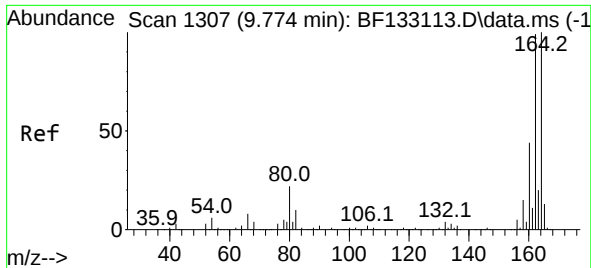
Tgt Ion:142 Resp: 1175220

Ion Ratio Lower Upper

142 100

141 91.0 73.1 109.7

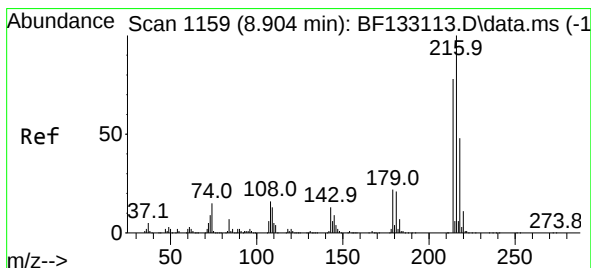
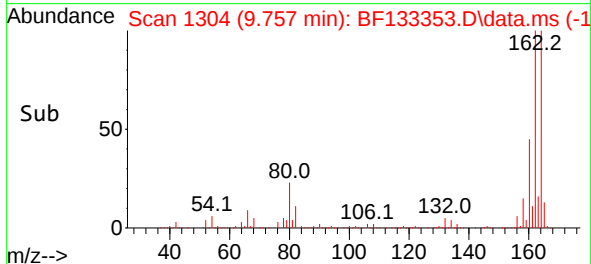
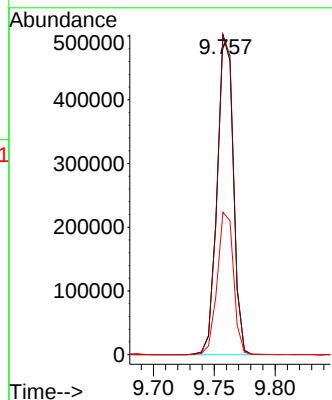
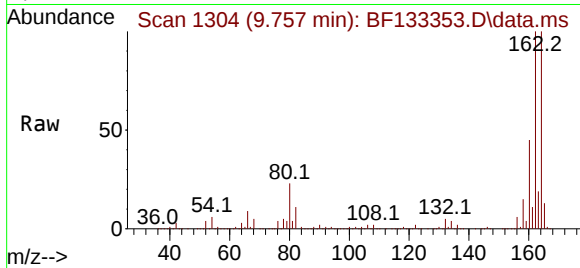




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

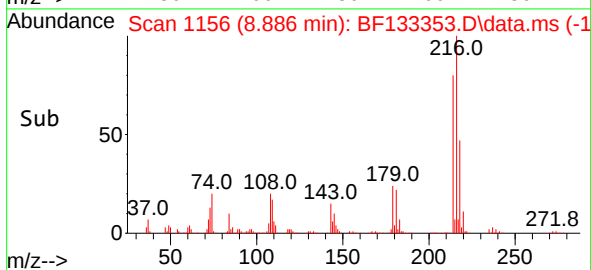
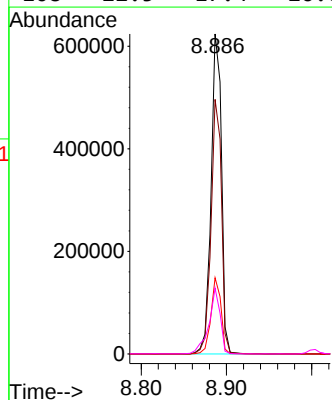
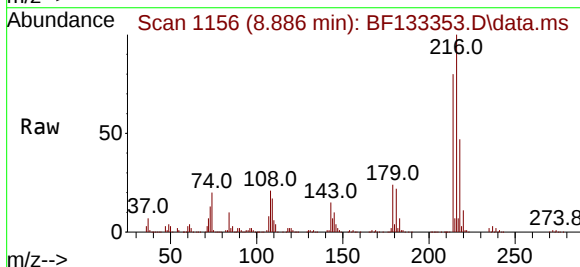
Instrument :
BNA_F
ClientSampleId :
PB152724BS

Tgt Ion:164 Resp: 463797
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.469 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:216 Resp: 529601
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.9 17.4 26.2
108 22.5 17.4 26.0

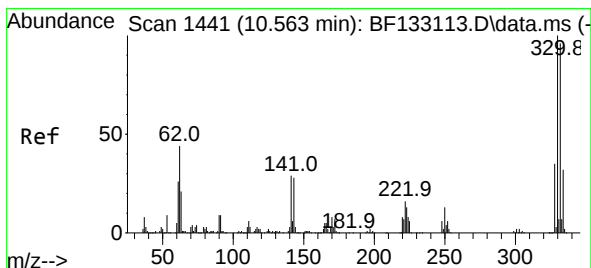
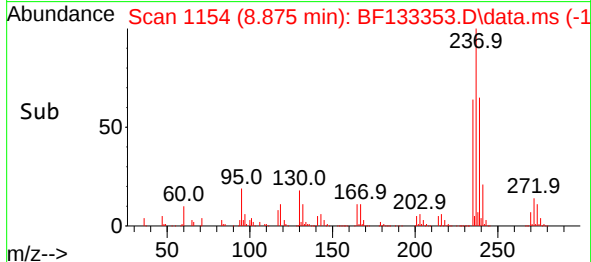
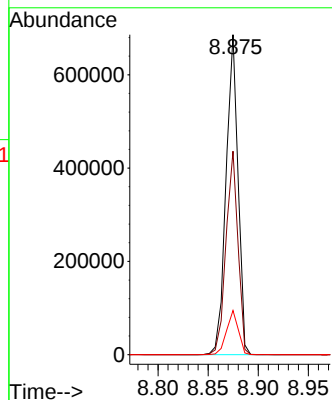
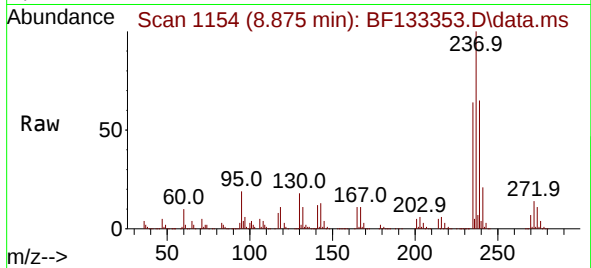




#41
Hexachlorocyclopentadiene
Concen: 78.157 ng
RT: 8.875 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

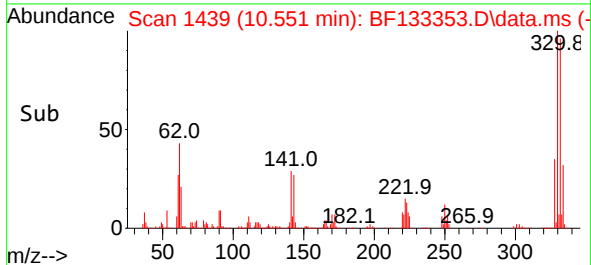
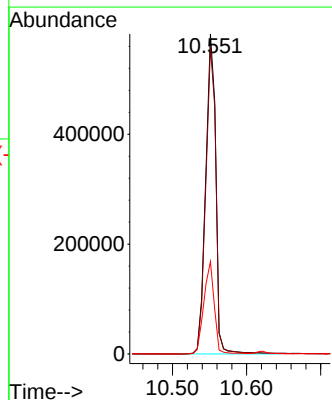
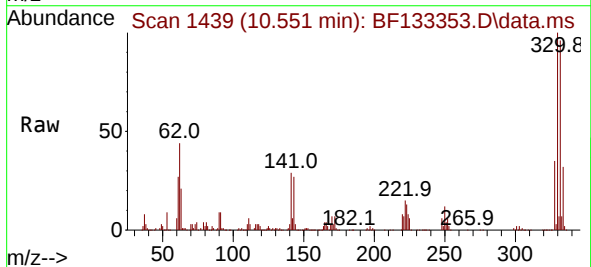
Instrument :
BNA_F
ClientSampleId :
PB152724BS

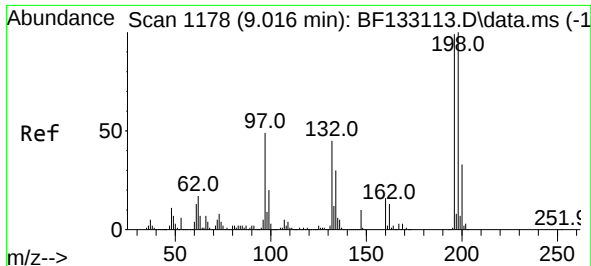
Tgt Ion:237 Resp: 568412
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.8 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 119.182 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:330 Resp: 555909
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.6 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 41.879 ng

RT: 9.004 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

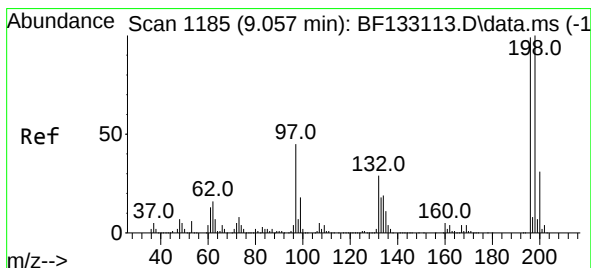
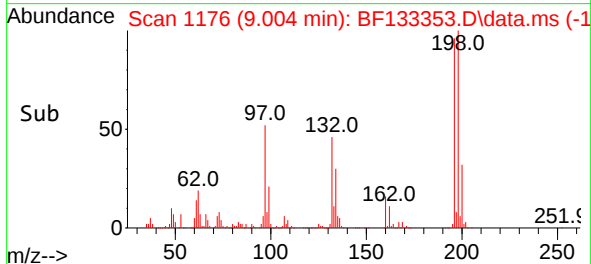
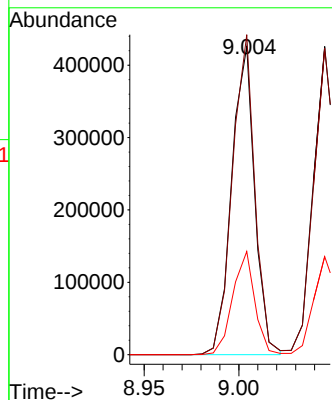
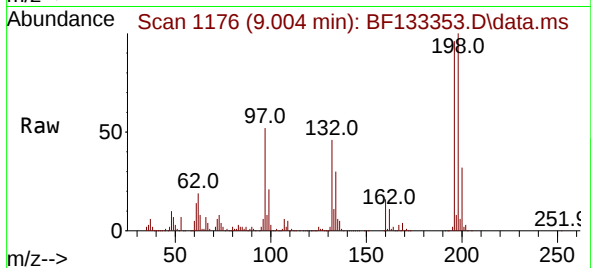
Tgt Ion:196 Resp: 361167

Ion Ratio Lower Upper

196 100

198 103.8 81.0 121.6

200 33.5 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 38.563 ng

RT: 9.045 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Tgt Ion:196 Resp: 384624

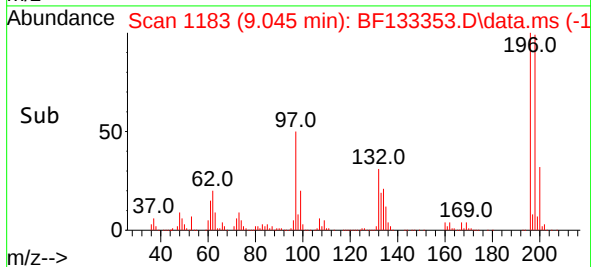
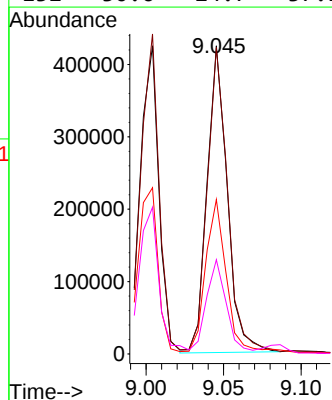
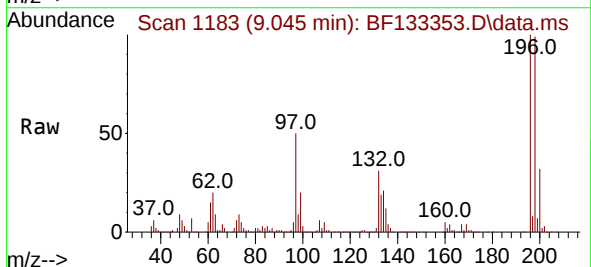
Ion Ratio Lower Upper

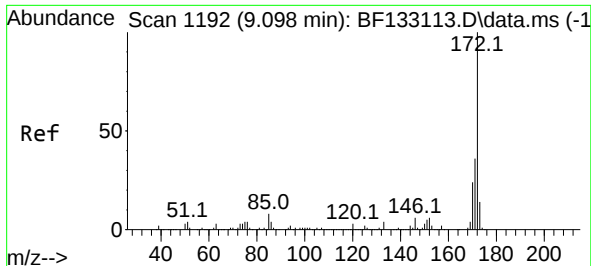
196 100

198 99.4 80.9 121.3

97 50.1 41.3 61.9

132 30.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 80.805 ng

RT: 9.086 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

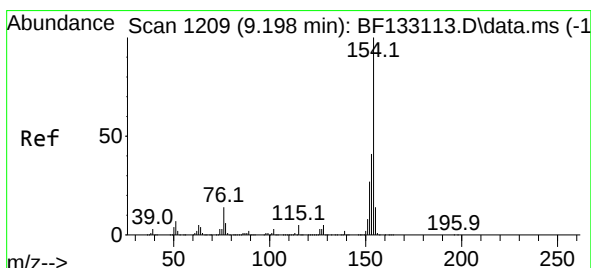
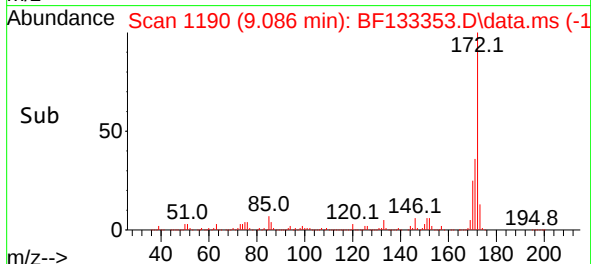
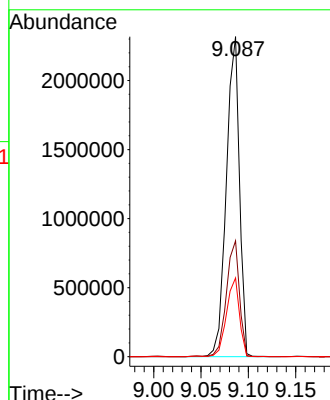
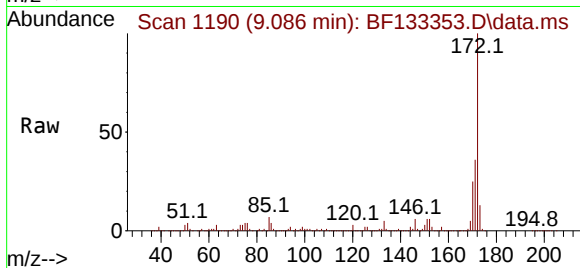
Tgt Ion:172 Resp: 2240104

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.6 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.820 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

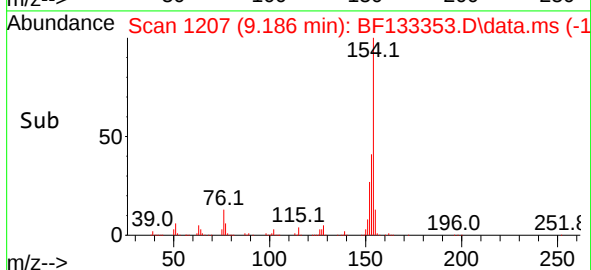
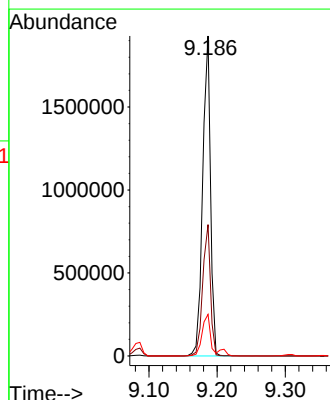
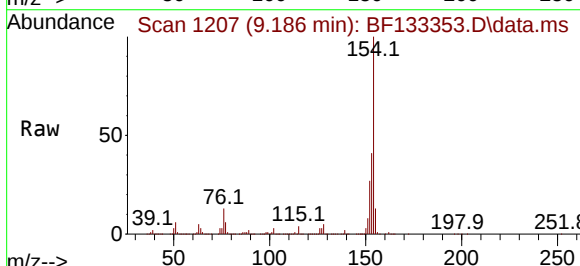
Tgt Ion:154 Resp: 1538021

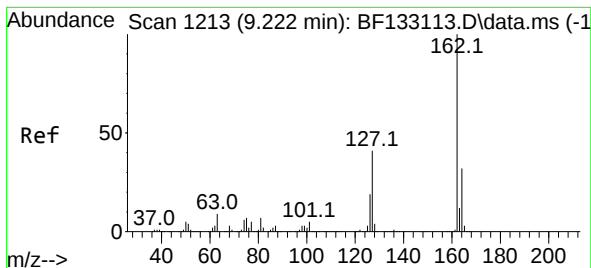
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 13.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 43.297 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

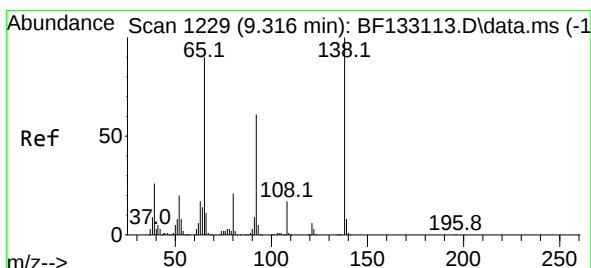
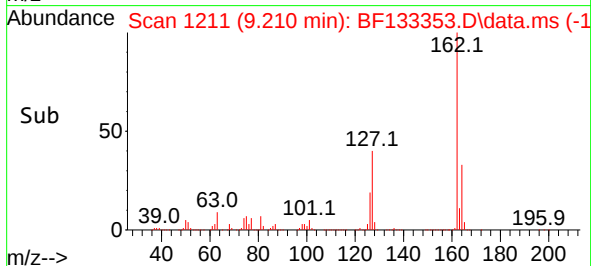
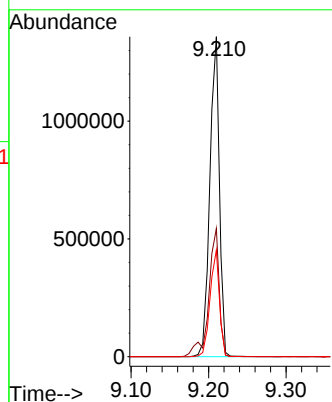
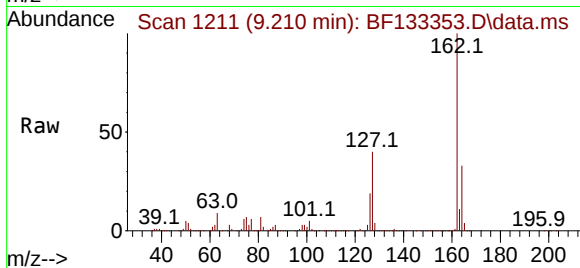
Tgt Ion:162 Resp: 1165475

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 33.3 26.8 40.2



#48

2-Nitroaniline

Concen: 42.446 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

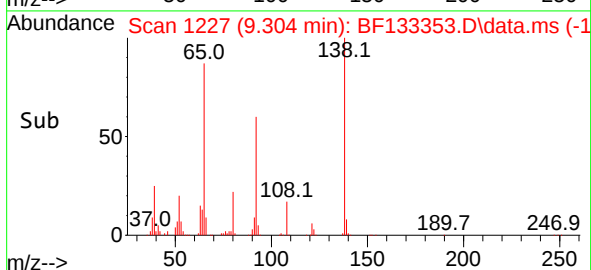
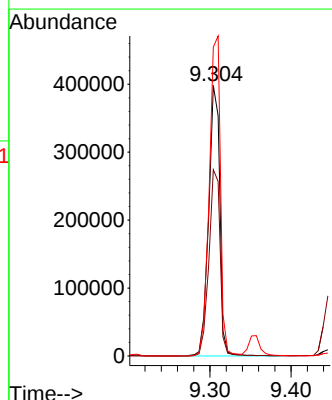
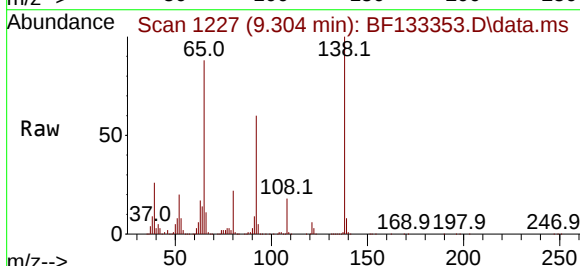
Tgt Ion: 65 Resp: 377616

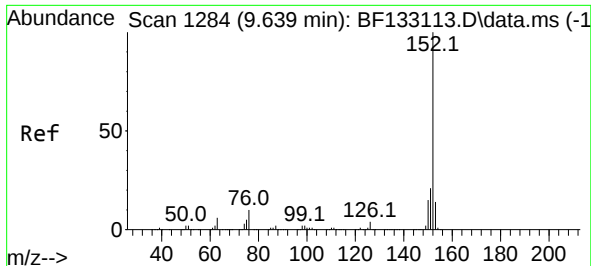
Ion Ratio Lower Upper

65 100

92 68.9 55.4 83.0

138 114.2 98.2 147.2





#49

Acenaphthylene

Concen: 41.484 ng

RT: 9.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

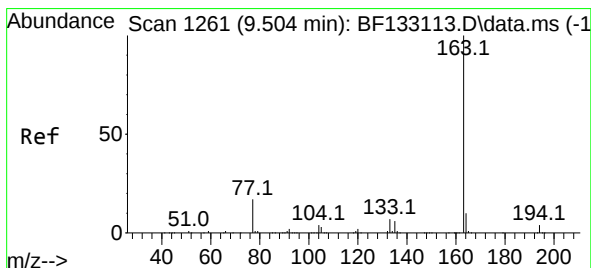
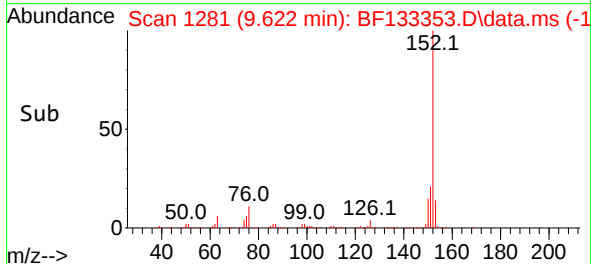
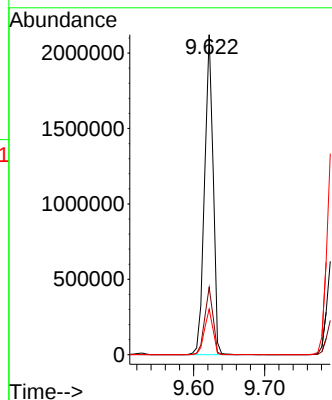
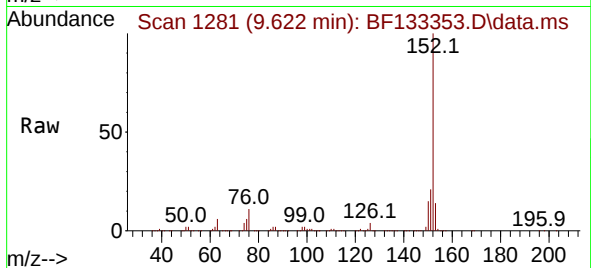
Tgt Ion:152 Resp: 1784297

Ion Ratio Lower Upper

152 100

151 21.1 16.6 24.8

153 14.3 11.5 17.3



#50

Dimethylphthalate

Concen: 42.065 ng

RT: 9.492 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

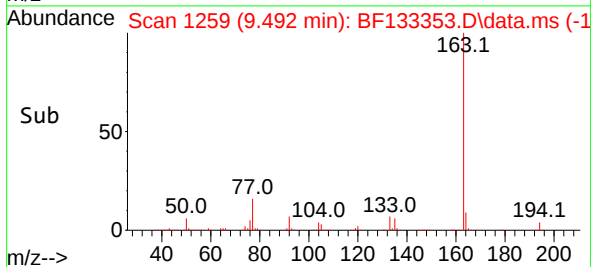
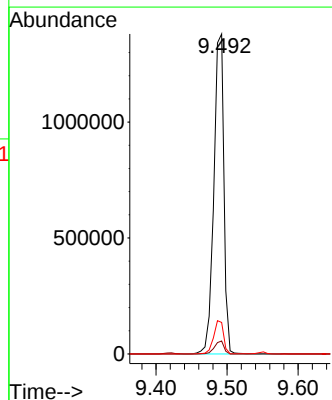
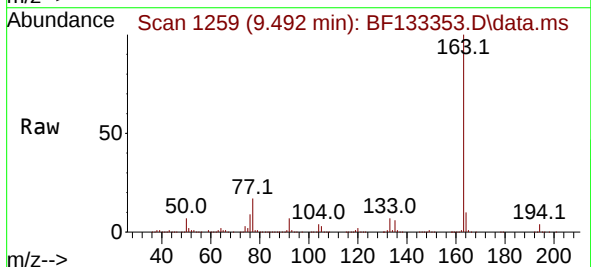
Tgt Ion:163 Resp: 1360371

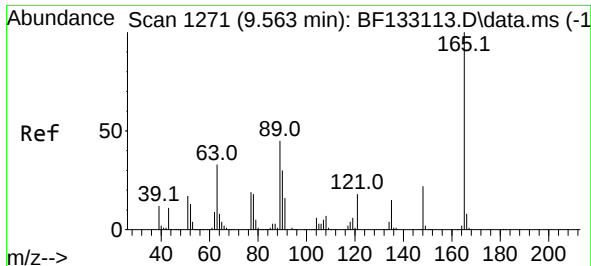
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 9.9 8.5 12.7

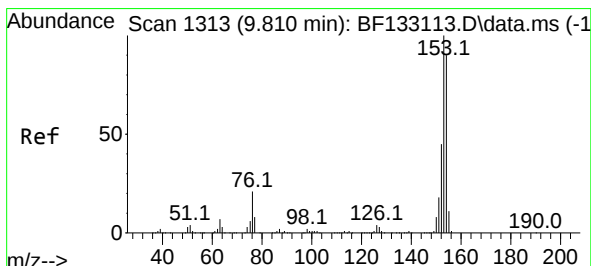
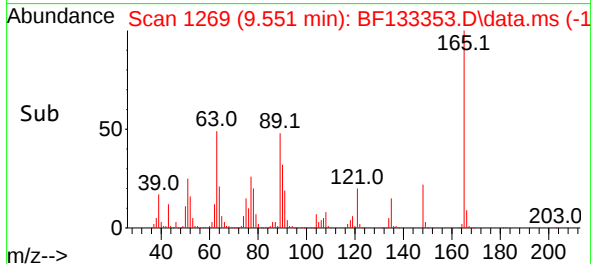
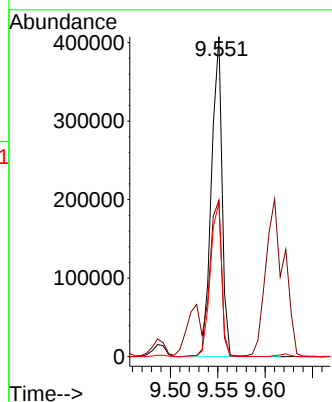
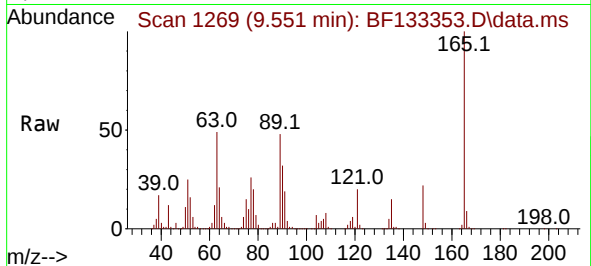




#51
2,6-Dinitrotoluene
Concen: 43.391 ng
RT: 9.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

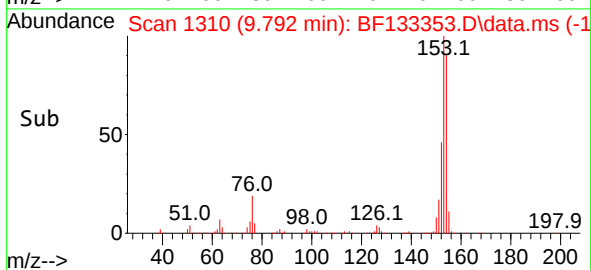
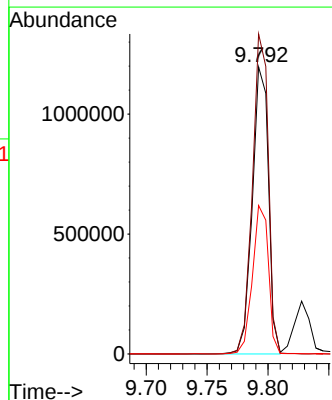
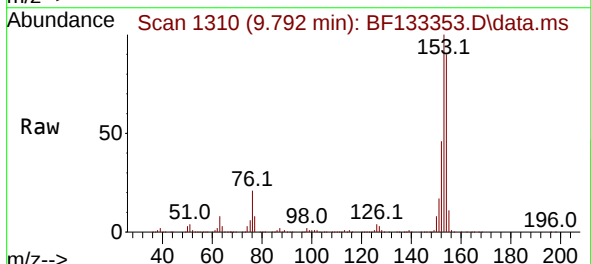
Instrument :
BNA_F
ClientSampleId :
PB152724BS

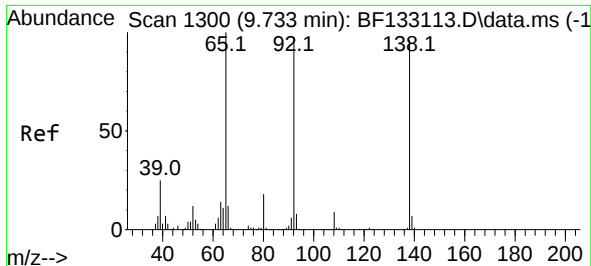
Tgt Ion:165 Resp: 315834
Ion Ratio Lower Upper
165 100
63 48.9 45.9 68.9
89 48.1 44.0 66.0



#52
Acenaphthene
Concen: 38.306 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:154 Resp: 1103477
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.6
152 51.8 40.4 60.6

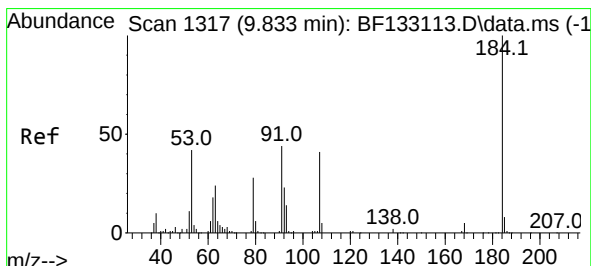
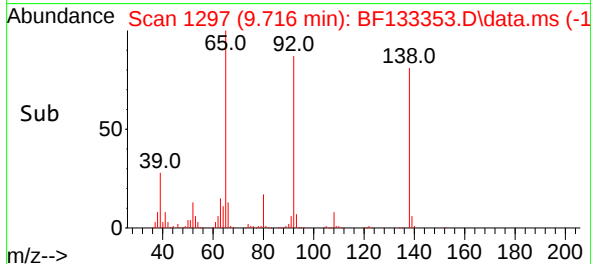
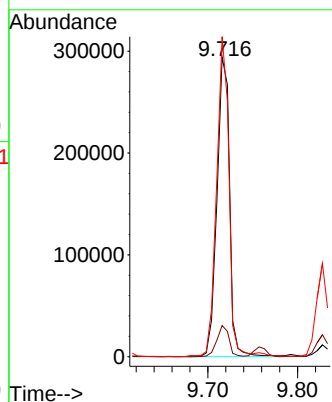
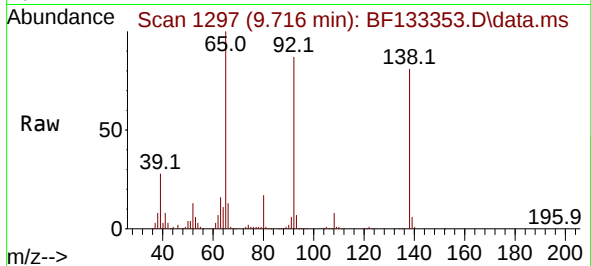




#53
3-Nitroaniline
Concen: 33.104 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

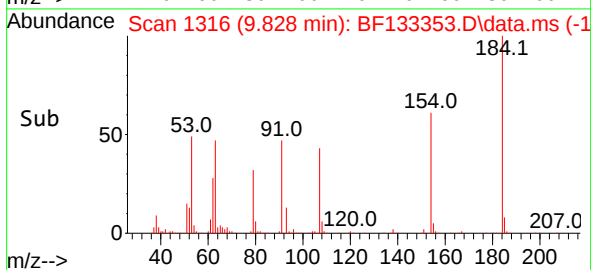
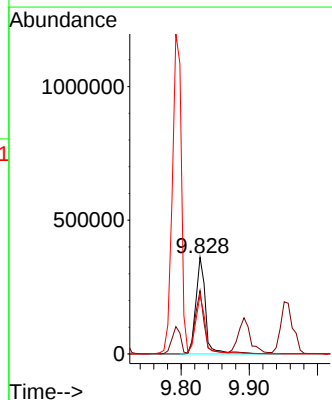
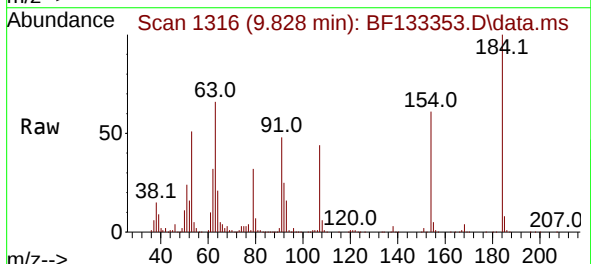
Instrument :
BNA_F
ClientSampleId :
PB152724BS

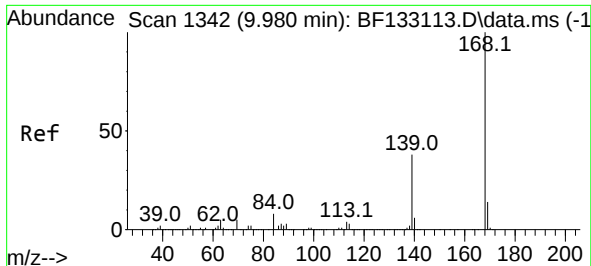
Tgt Ion:138 Resp: 286508
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 106.8 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 97.090 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:184 Resp: 355221
Ion Ratio Lower Upper
184 100
63 65.6 49.8 74.8
154 61.0 49.5 74.3

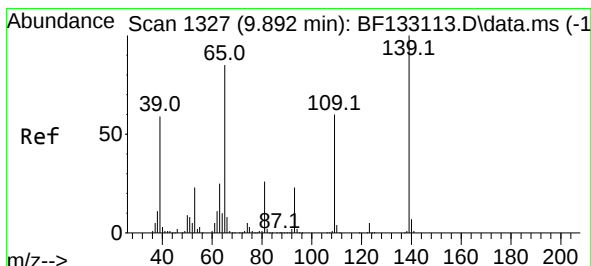
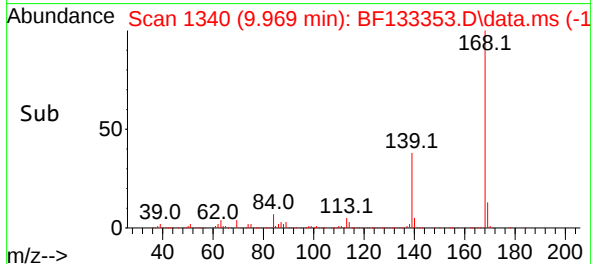
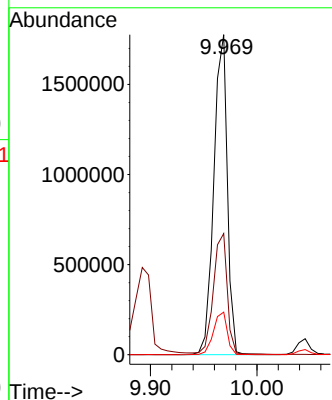
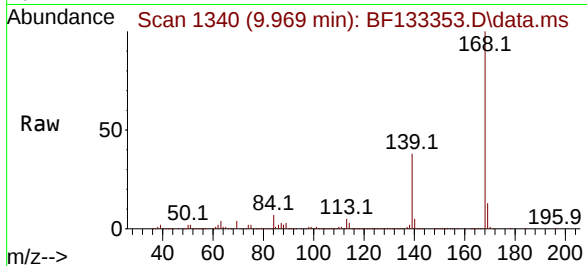




#55
Dibenzenofuran
Concen: 39.952 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

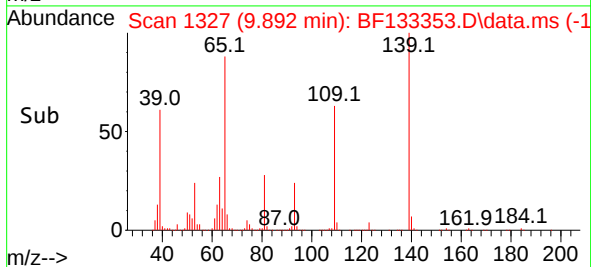
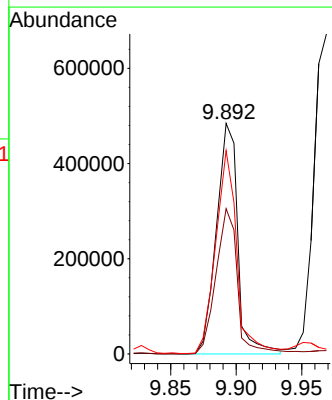
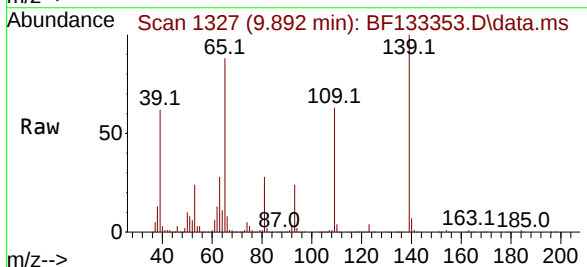
Instrument :
BNA_F
ClientSampleId :
PB152724BS

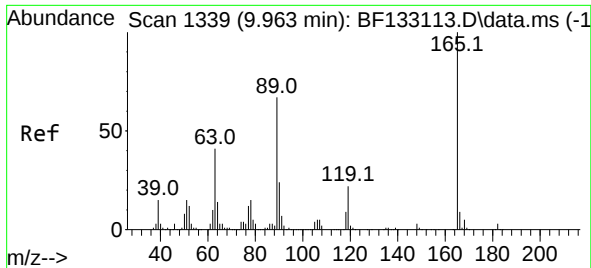
Tgt Ion:168 Resp: 1569935
Ion Ratio Lower Upper
168 100
139 37.8 29.8 44.8
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 81.604 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:139 Resp: 547010
Ion Ratio Lower Upper
139 100
109 63.0 39.4 79.4
65 88.2 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.113 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

Tgt Ion:165 Resp: 409483

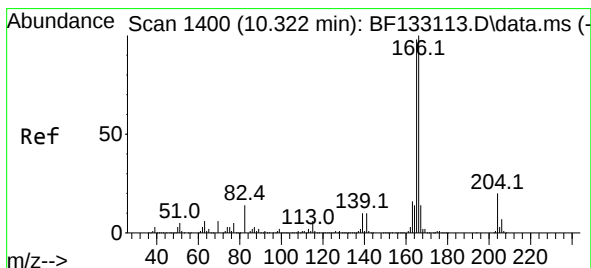
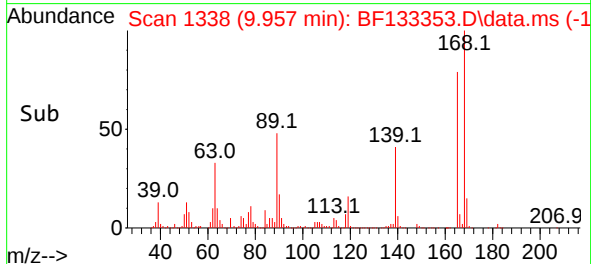
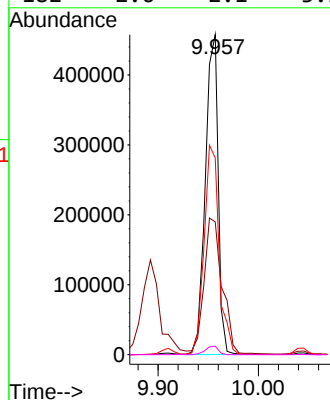
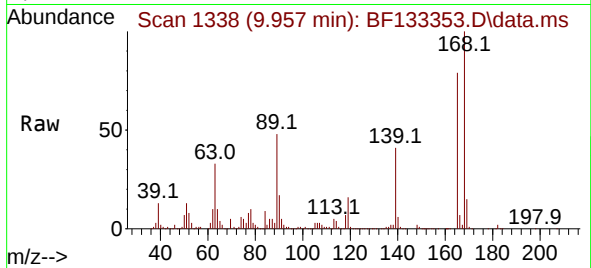
Ion Ratio Lower Upper

165 100

63 41.5 37.7 56.5

89 61.5 57.0 85.4

182 2.6 2.1 3.1



#58

Fluorene

Concen: 41.140 ng

RT: 10.310 min Scan# 1398

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

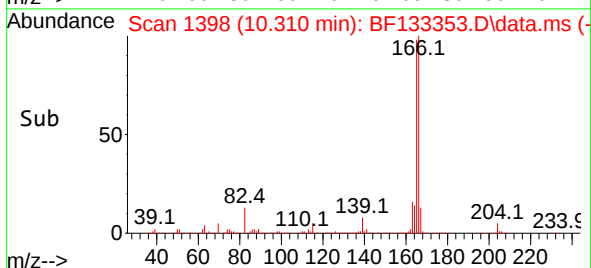
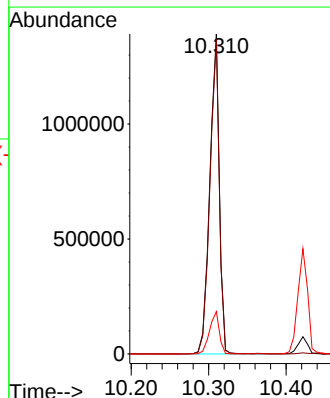
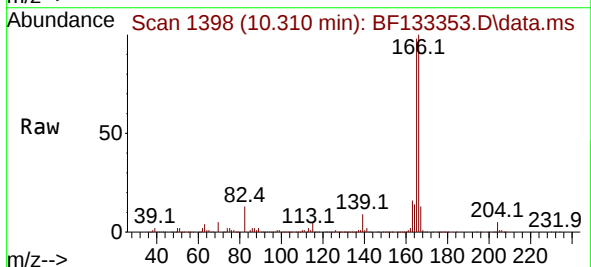
Tgt Ion:166 Resp: 1184400

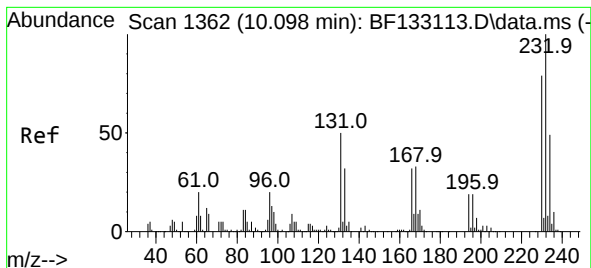
Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

167 13.3 11.0 16.4

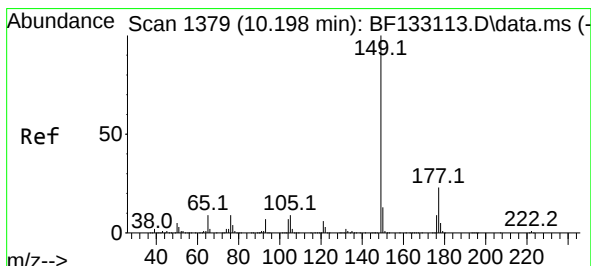
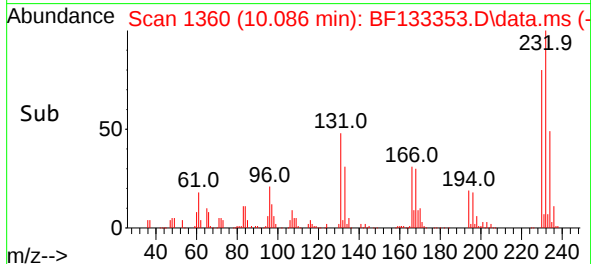
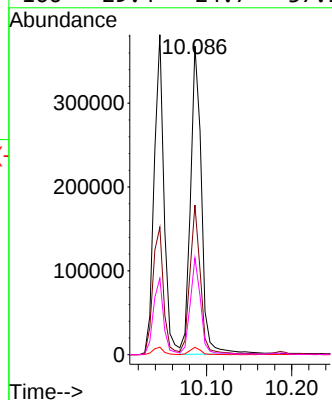
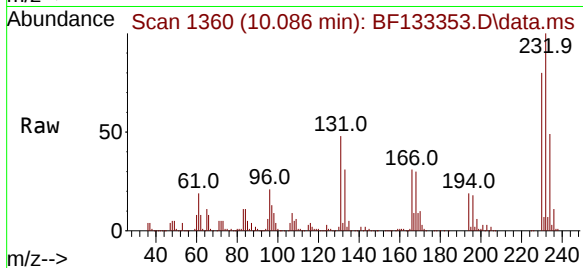




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.282 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

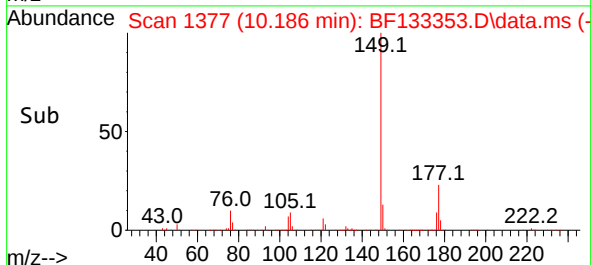
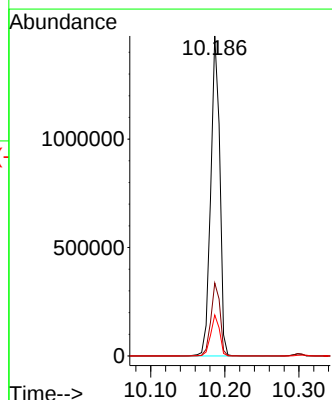
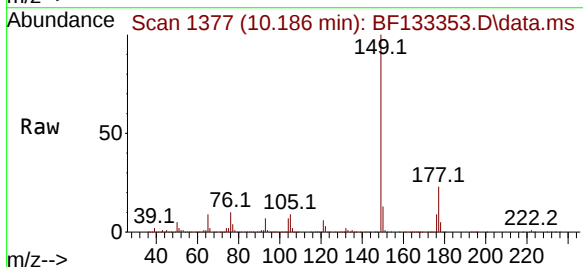
Instrument :
BNA_F
ClientSampleId :
PB152724BS

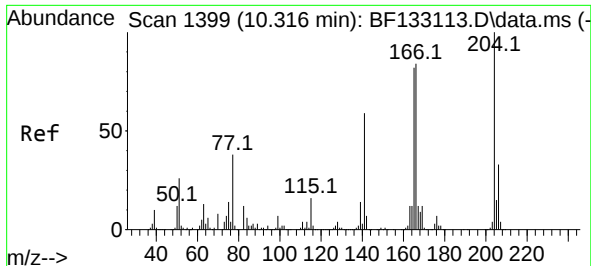
Tgt Ion:232 Resp: 326942
Ion Ratio Lower Upper
232 100
131 46.4 38.0 57.0
130 2.4 1.8 2.8
166 29.4 24.7 37.1



#60
Diethylphthalate
Concen: 40.910 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:149 Resp: 1249670
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.8 10.2 15.4

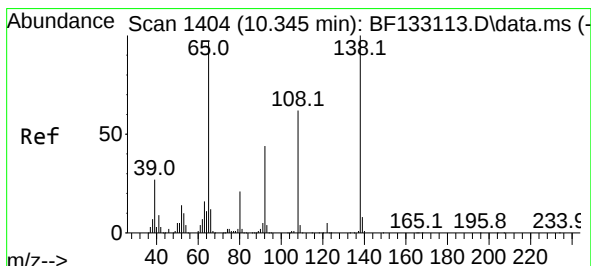
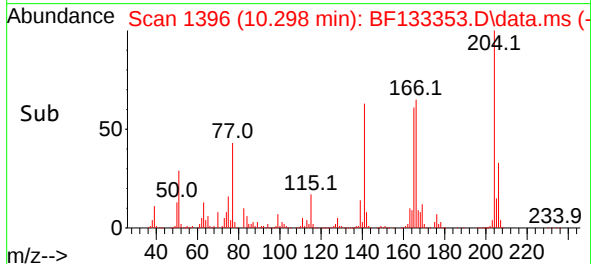
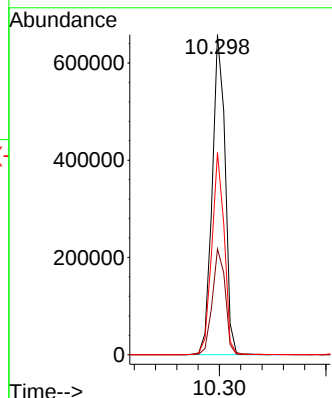
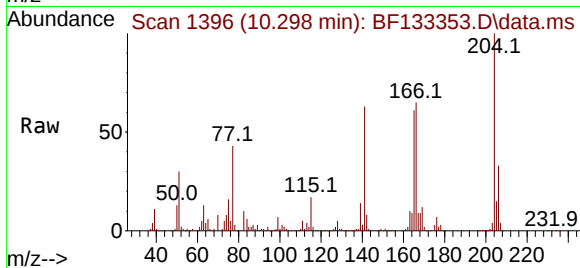




#61
4-Chlorophenyl-phenylether
Concen: 39.391 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

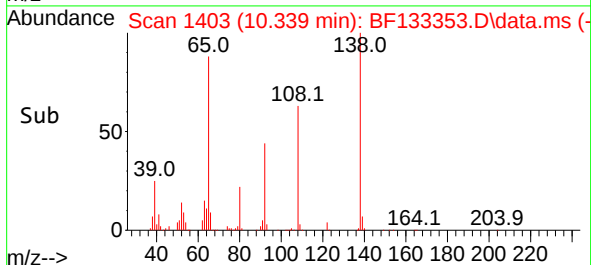
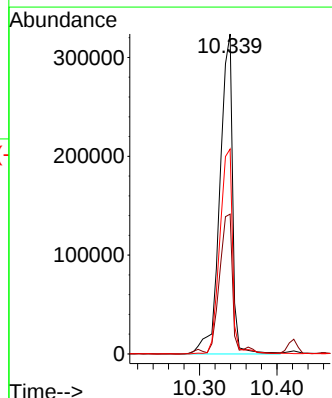
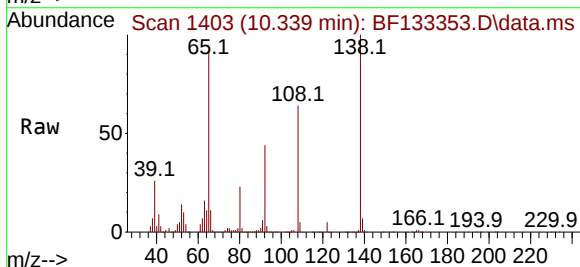
Instrument :
BNA_F
ClientSampleId :
PB152724BS

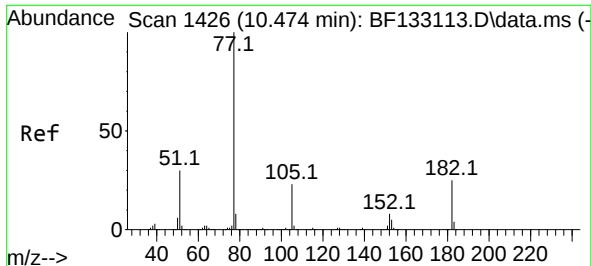
Tgt Ion:204 Resp: 552644
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 63.2 46.1 69.1



#62
4-Nitroaniline
Concen: 46.315 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:138 Resp: 368412
Ion Ratio Lower Upper
138 100
92 43.7 27.7 67.7
108 64.1 45.2 85.2

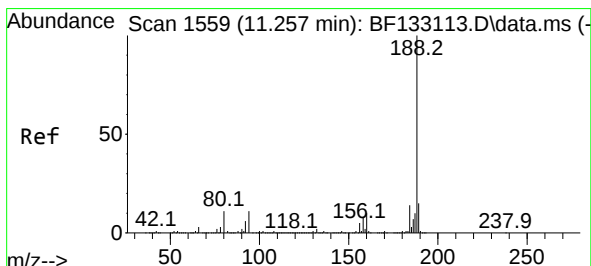
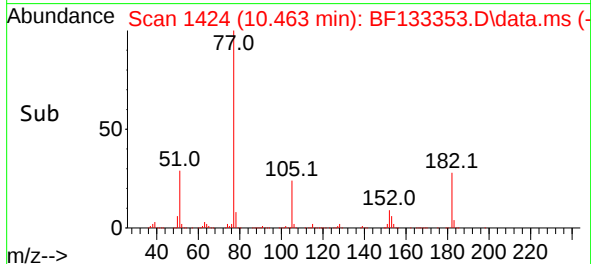
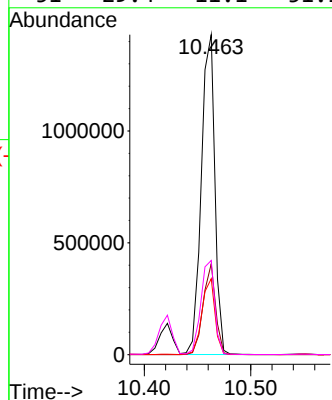
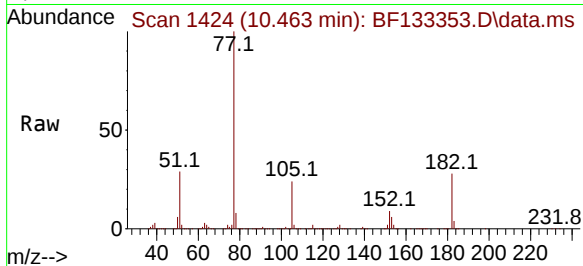




#63
Azobenzene
Concen: 39.163 ng
RT: 10.463 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

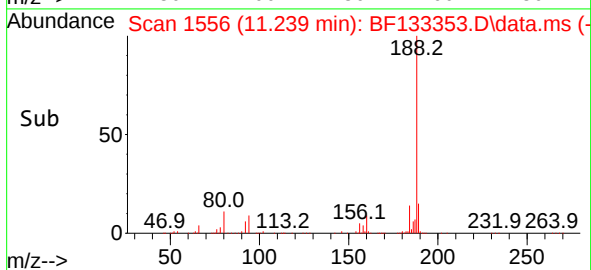
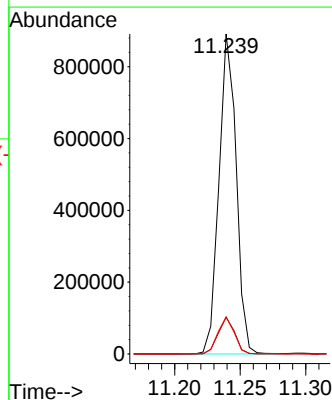
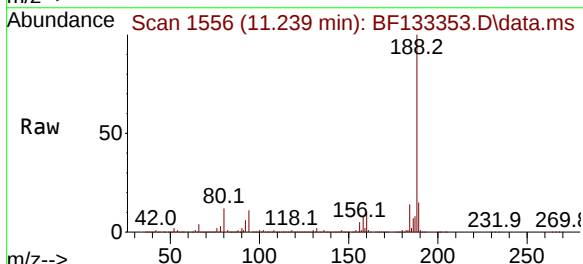
Instrument :
BNA_F
ClientSampleId :
PB152724BS

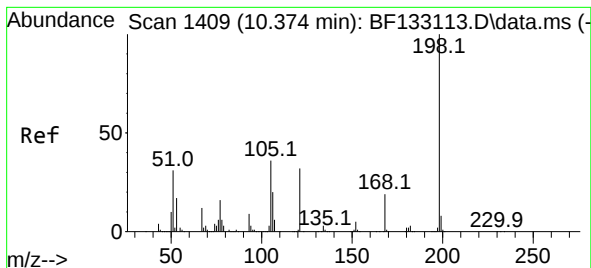
Tgt Ion: 77 Resp: 1267293
Ion Ratio Lower Upper
77 100
182 28.4 5.9 45.9
105 23.7 2.3 42.3
51 29.4 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion: 188 Resp: 813162
Ion Ratio Lower Upper
188 100
94 11.5 9.7 14.5
80 11.6 10.4 15.6

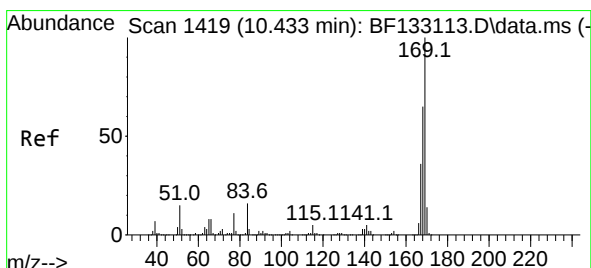
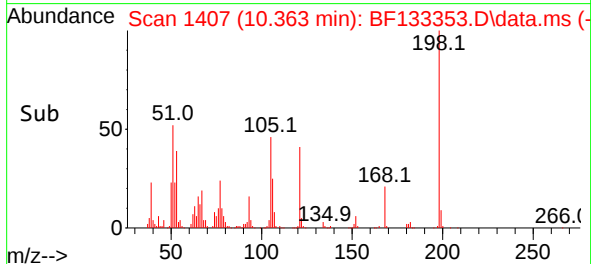
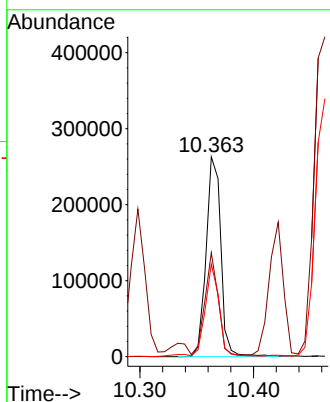
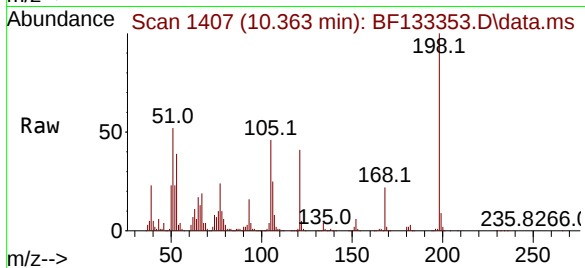




#65
4,6-Dinitro-2-methylphenol
Concen: 47.994 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

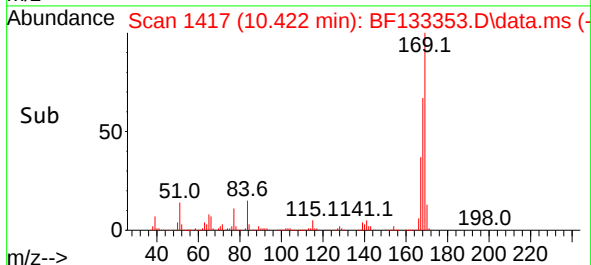
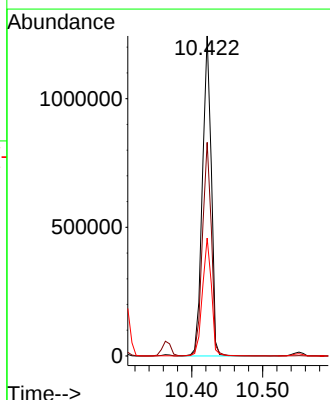
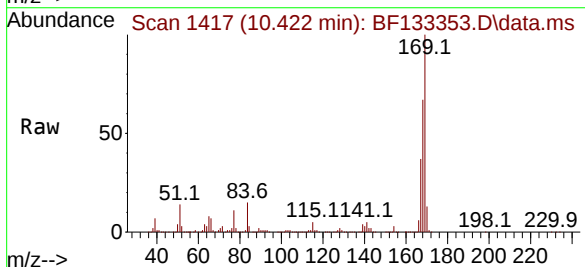
Instrument :
BNA_F
ClientSampleId :
PB152724BS

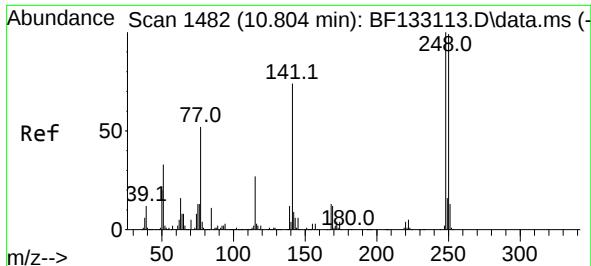
Tgt Ion:198 Resp: 236549
Ion Ratio Lower Upper
198 100
51 52.0 15.5 55.5
105 46.4 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 40.909 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

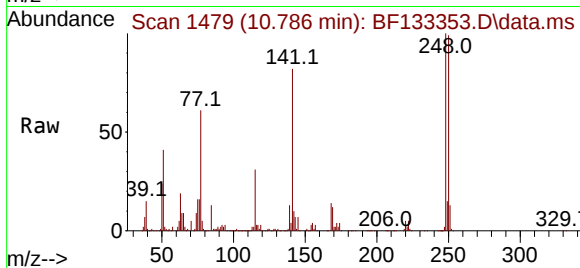
Tgt Ion:169 Resp: 1079049
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.8 29.7 44.5



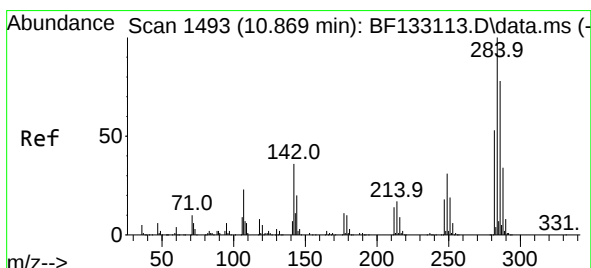
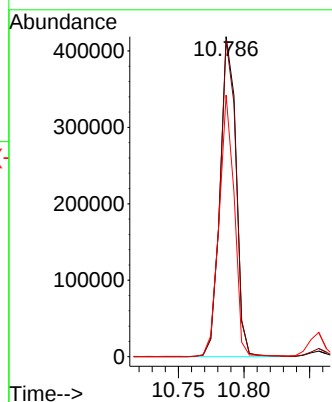
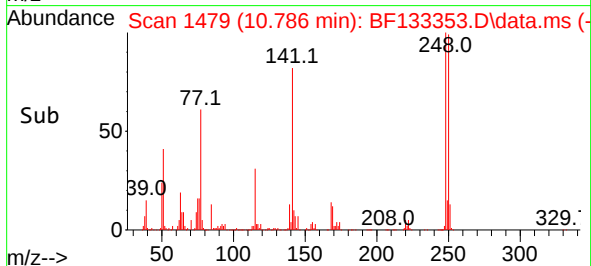


#67
4-Bromophenyl-phenylether
Concen: 40.299 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Instrument :
BNA_F
ClientSampleId :
PB152724BS

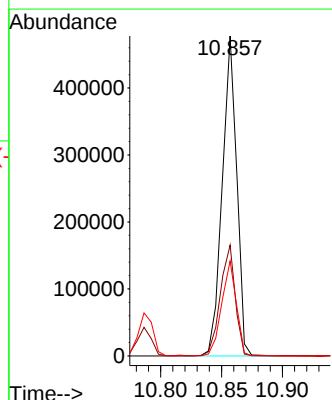
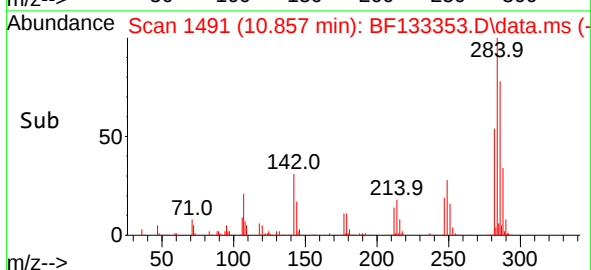
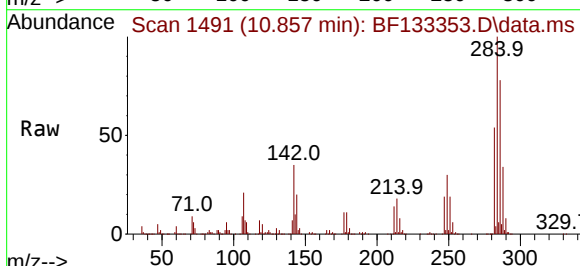


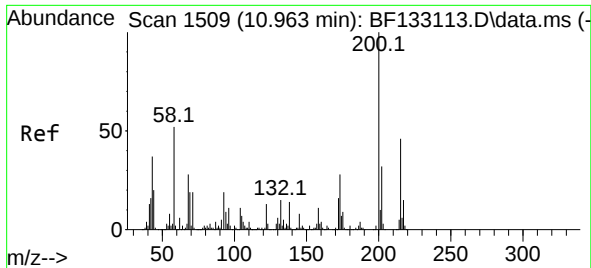
Tgt Ion:248 Resp: 355409
Ion Ratio Lower Upper
248 100
250 98.9 78.7 118.1
141 81.7 56.3 84.5



#68
Hexachlorobenzene
Concen: 43.823 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:284 Resp: 396025
Ion Ratio Lower Upper
284 100
142 34.7 26.0 39.0
249 29.7 23.7 35.5

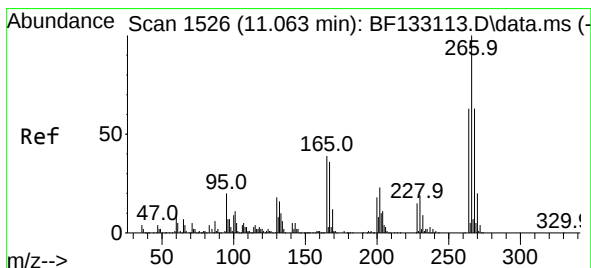
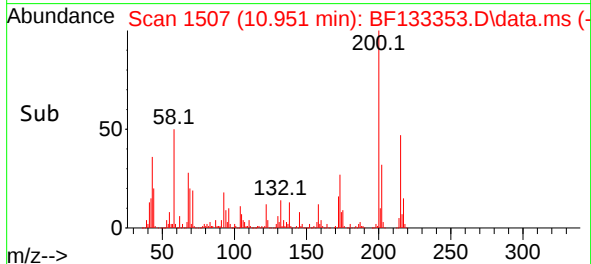
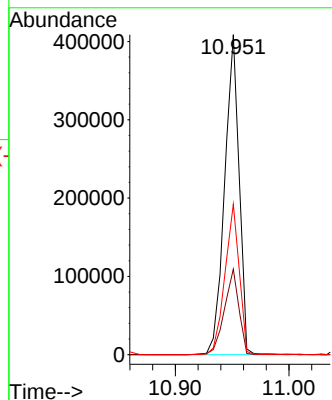
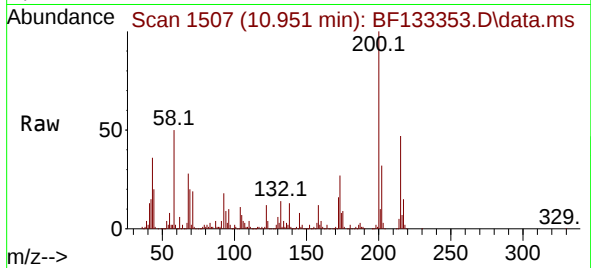




#69
Atrazine
Concen: 47.646 ng
RT: 10.951 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

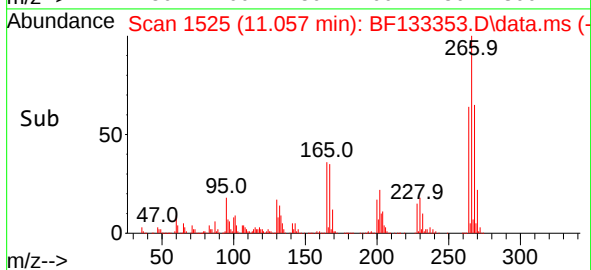
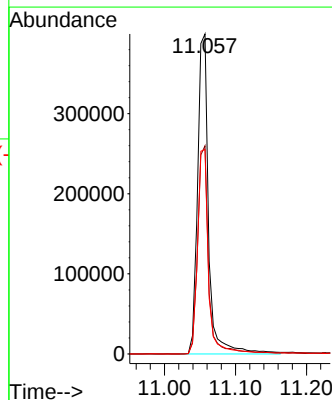
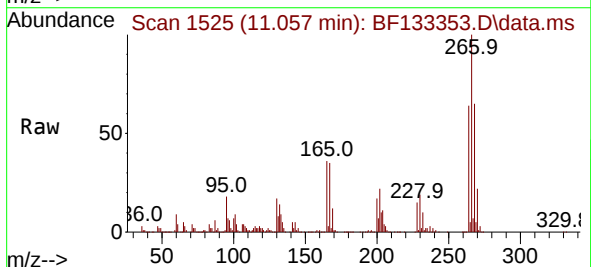
Instrument :
BNA_F
ClientSampleId :
PB152724BS

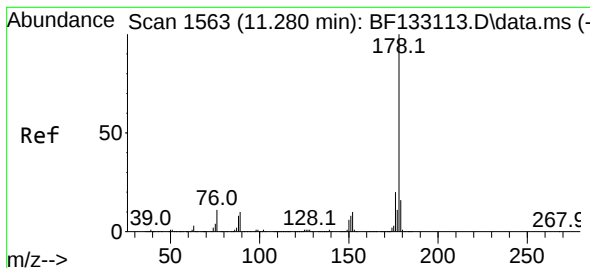
Tgt Ion:200 Resp: 362127
Ion Ratio Lower Upper
200 100
173 26.8 6.2 46.2
215 47.0 26.3 66.3



#70
Pentachlorophenol
Concen: 67.337 ng
RT: 11.057 min Scan# 1525
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:266 Resp: 433382
Ion Ratio Lower Upper
266 100
268 65.1 48.8 73.2
264 63.9 50.6 76.0





#71

Phenanthrene

Concen: 41.449 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

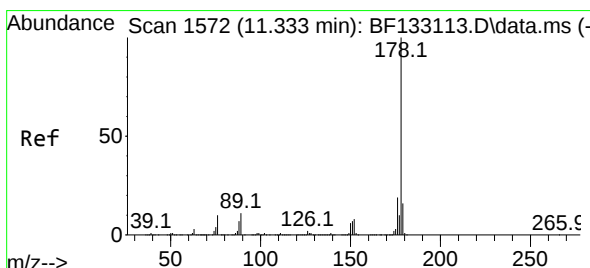
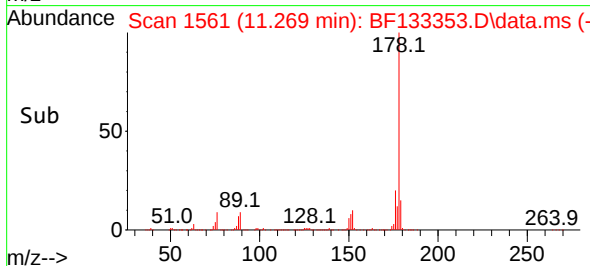
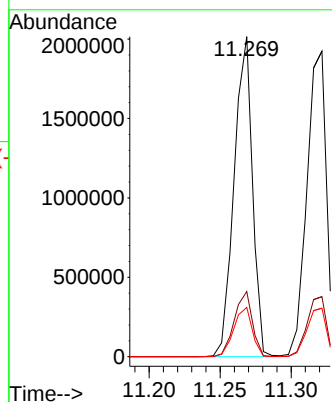
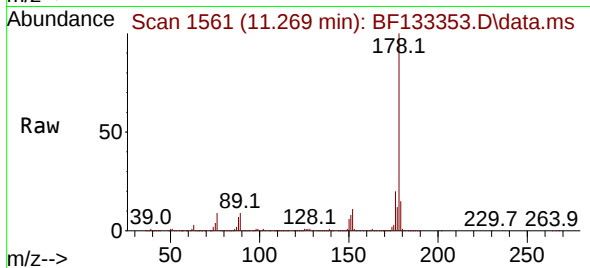
Tgt Ion:178 Resp: 1811540

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 41.562 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

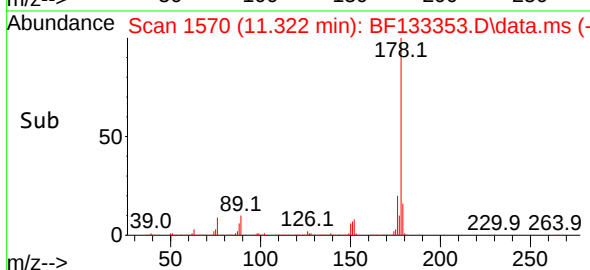
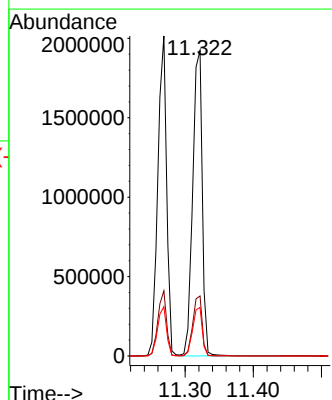
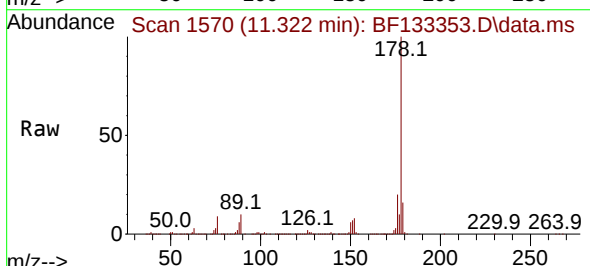
Tgt Ion:178 Resp: 1858941

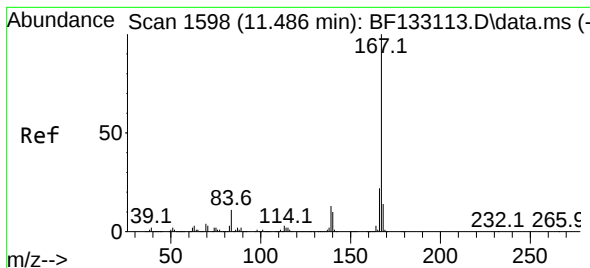
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.9 12.4 18.6





#73

Carbazole

Concen: 43.309 ng

RT: 11.475 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

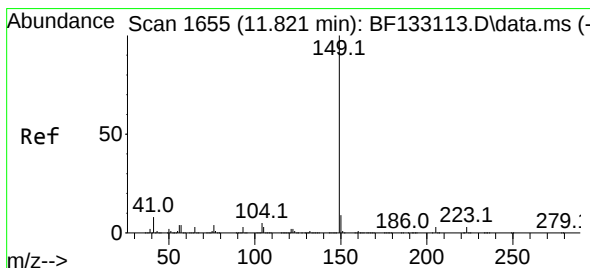
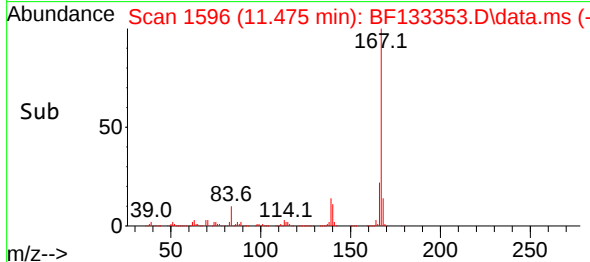
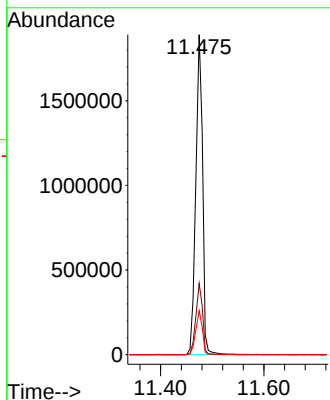
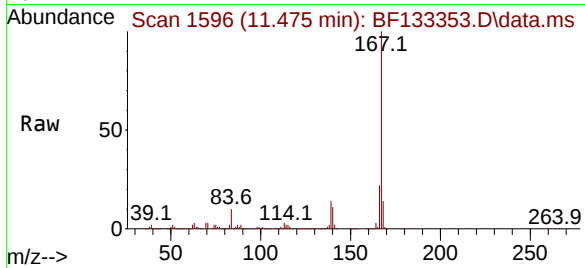
Tgt Ion:167 Resp: 1724839

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.232 ng

RT: 11.810 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

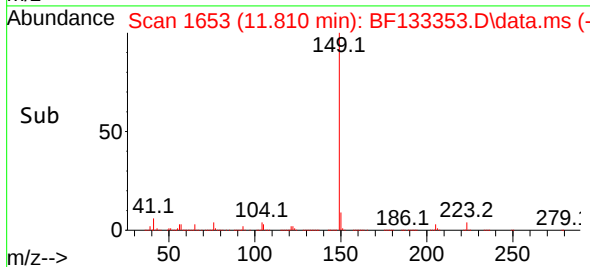
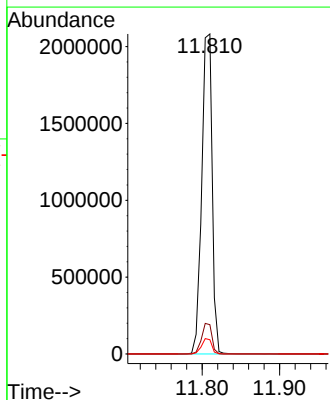
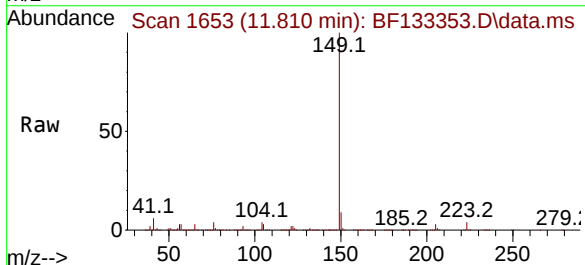
Tgt Ion:149 Resp: 1948454

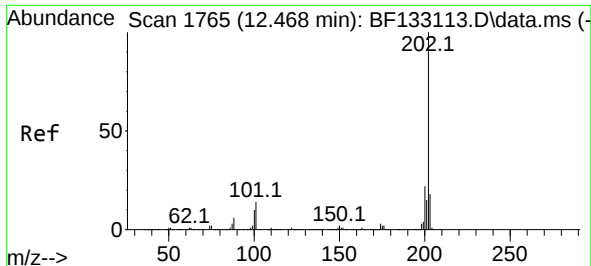
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.4 4.0 6.0

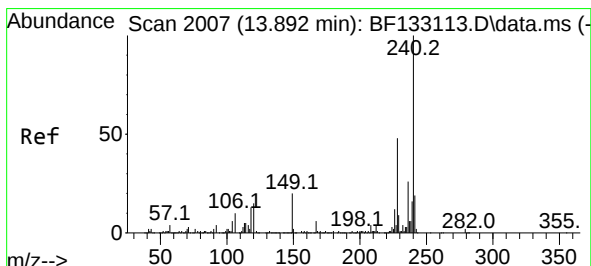
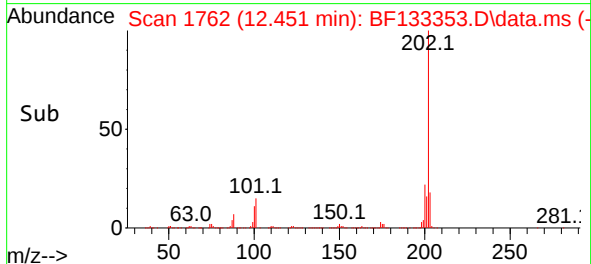
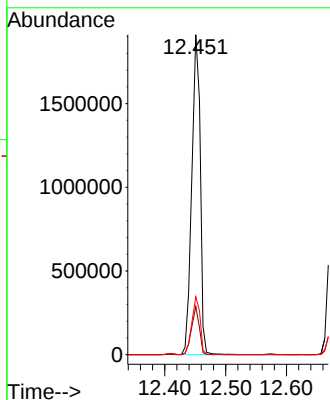
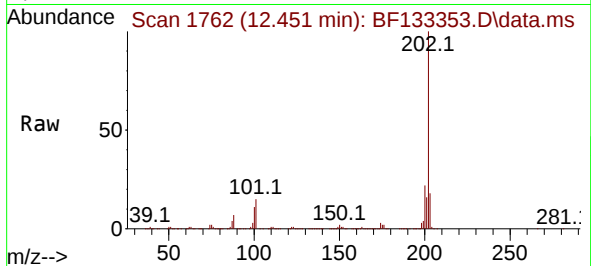




#75
Fluoranthene
Concen: 41.946 ng
RT: 12.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

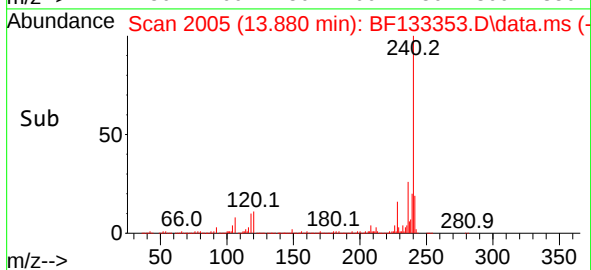
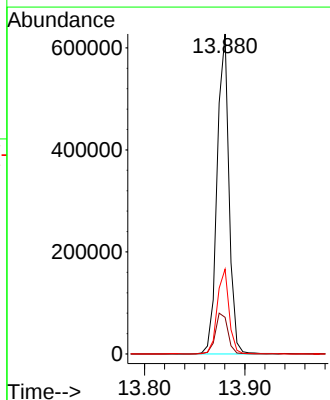
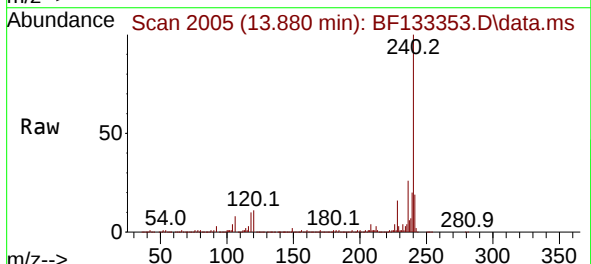
Instrument :
BNA_F
ClientSampleId :
PB152724BS

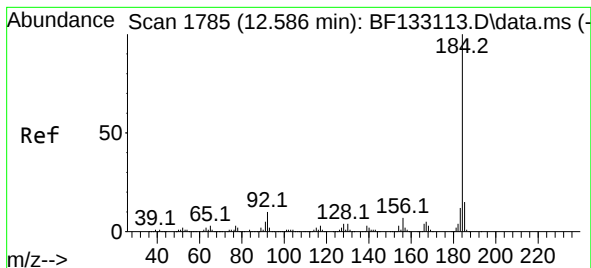
Tgt Ion:202 Resp: 1839855
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:240 Resp: 514101
Ion Ratio Lower Upper
240 100
120 11.4 10.5 15.7
236 26.5 21.5 32.3





#77

Benzidine

Concen: 77.538 ng

RT: 12.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

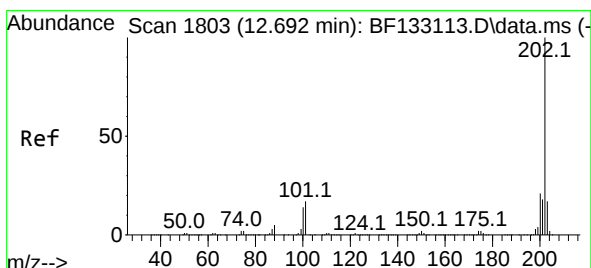
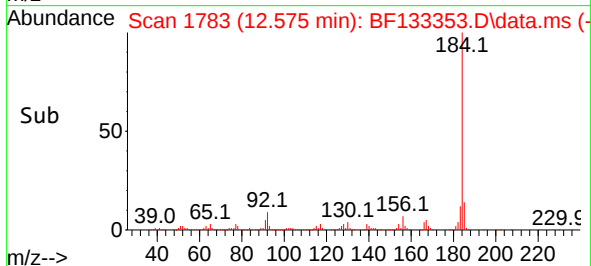
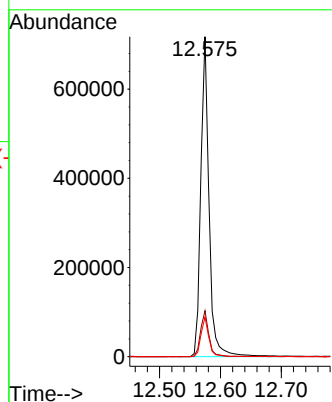
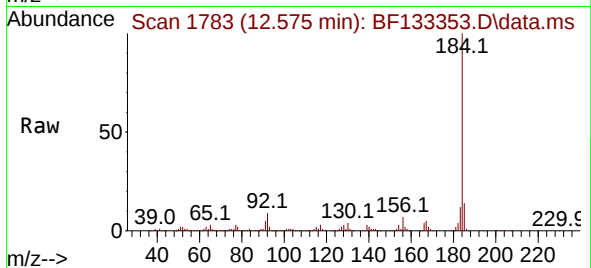
Tgt Ion:184 Resp: 674095

Ion Ratio Lower Upper

184 100

185 14.3 15.4 23.2#

183 12.4 9.4 14.0



#78

Pyrene

Concen: 42.890 ng

RT: 12.680 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

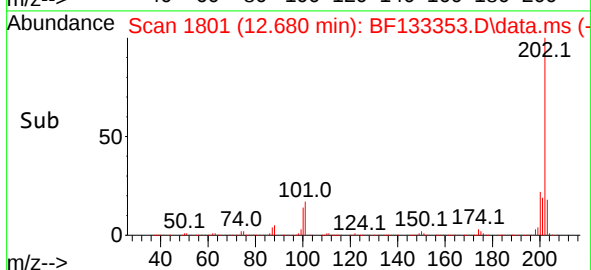
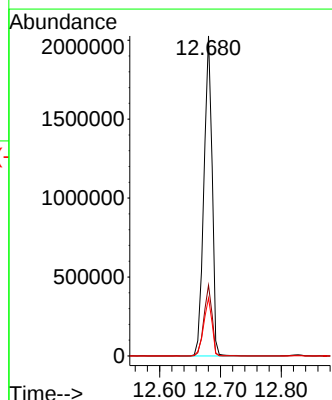
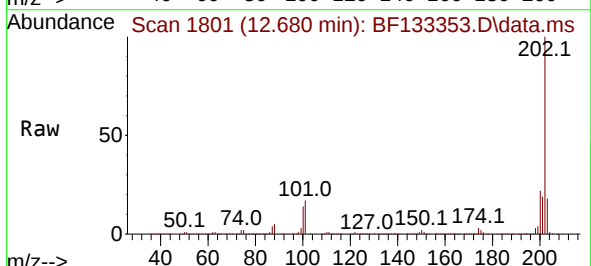
Tgt Ion:202 Resp: 1890159

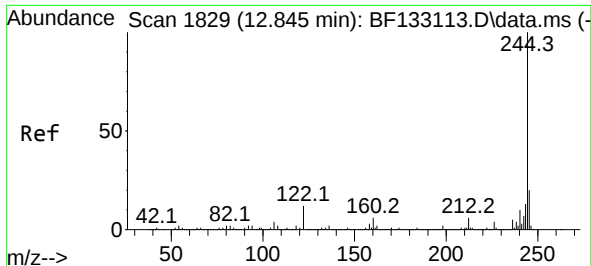
Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

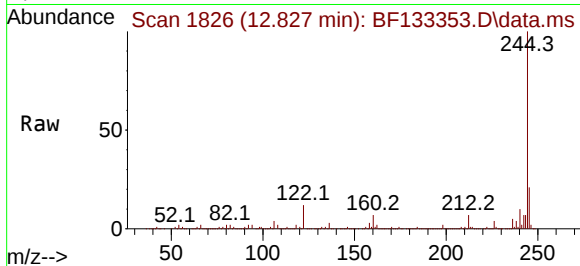
203 18.1 14.1 21.1



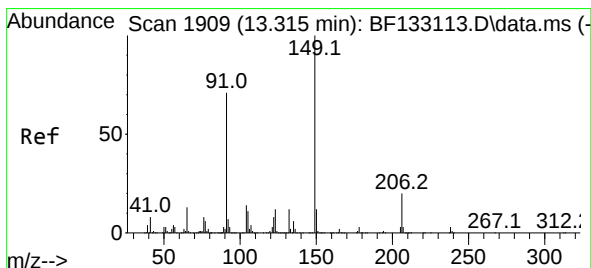
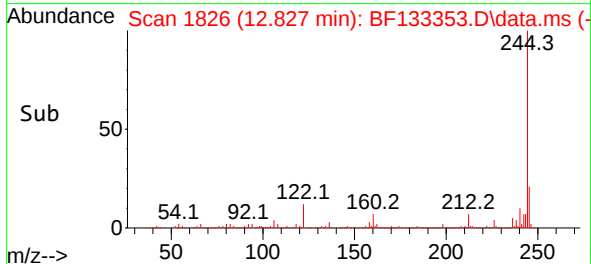
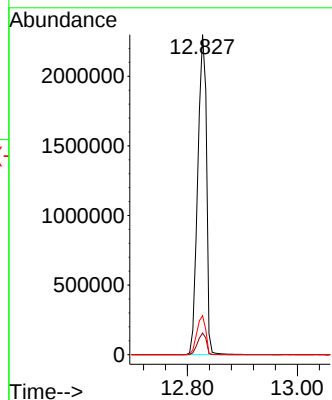


#79
 Terphenyl-d14
 Concen: 85.204 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB152724BS

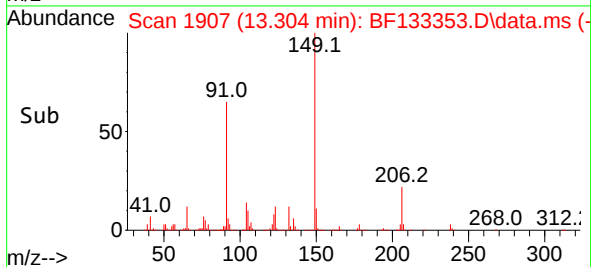
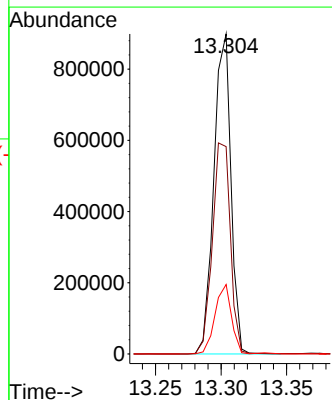
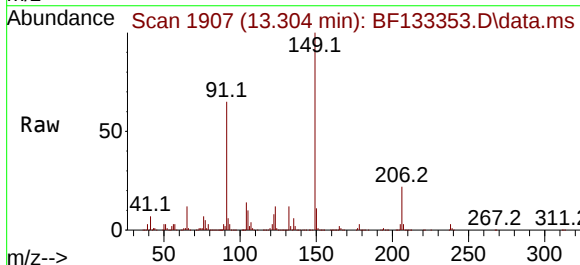


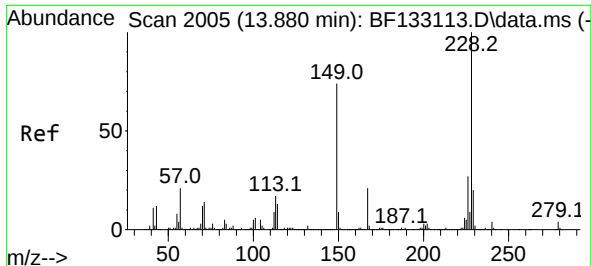
Tgt Ion:244 Resp: 2539827
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 52.129 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133353.D
 Acq: 11 May 2023 14:16

Tgt Ion:149 Resp: 813434
 Ion Ratio Lower Upper
 149 100
 91 64.8 53.8 80.6
 206 21.7 17.5 26.3

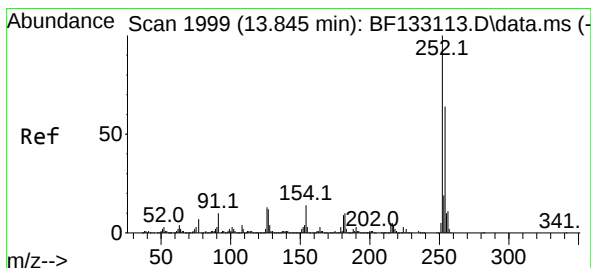
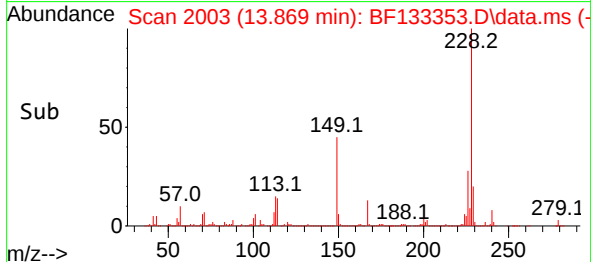
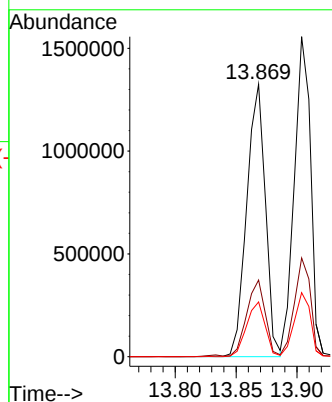
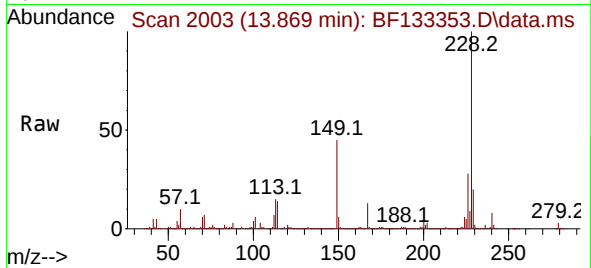




#81
Benzo(a)anthracene
Concen: 39.972 ng
RT: 13.869 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

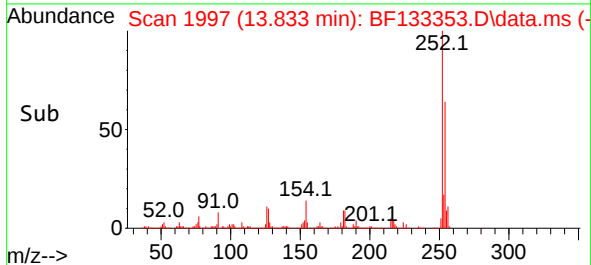
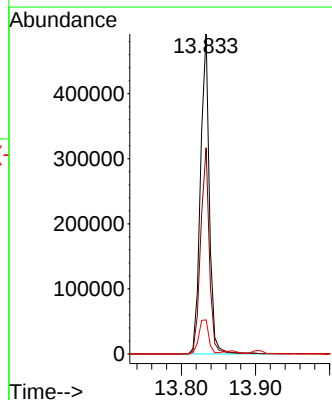
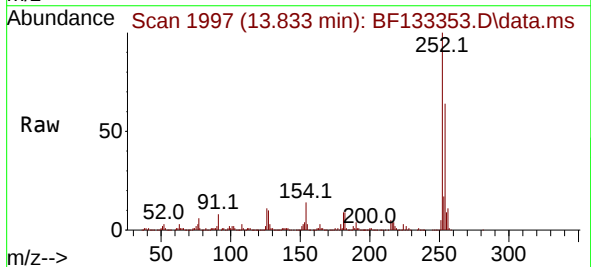
Instrument :
BNA_F
ClientSampleId :
PB152724BS

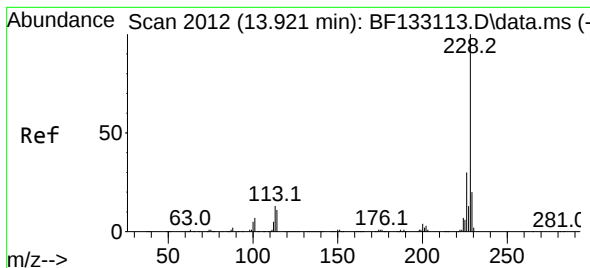
Tgt Ion:228 Resp: 1413152
Ion Ratio Lower Upper
228 100
226 28.1 22.2 33.4
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.602 ng
RT: 13.833 min Scan# 1997
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:252 Resp: 406304
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 10.6 9.5 14.3





#83

Chrysene

Concen: 41.090 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

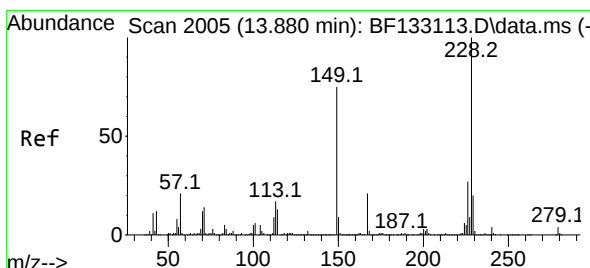
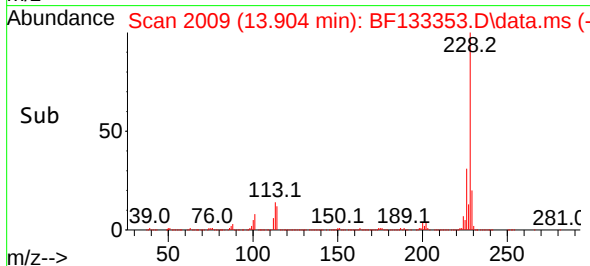
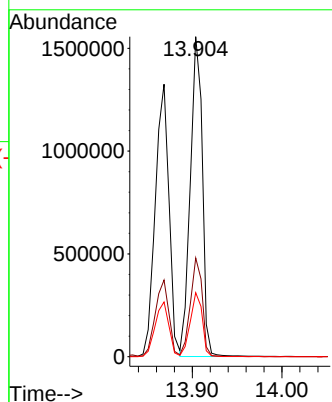
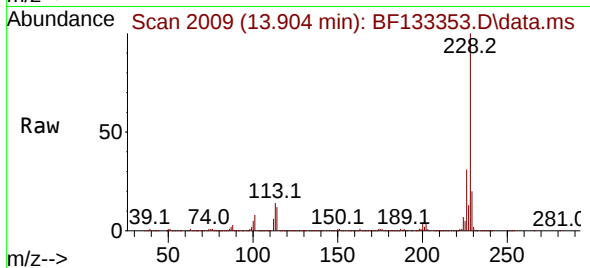
Tgt Ion:228 Resp: 1452307

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 20.0 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.376 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

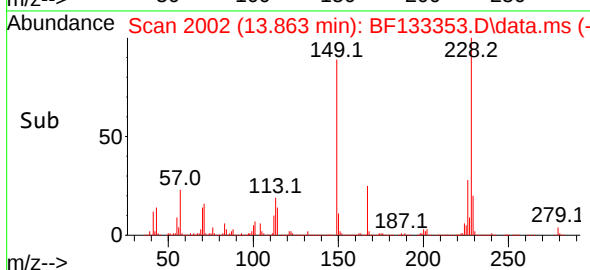
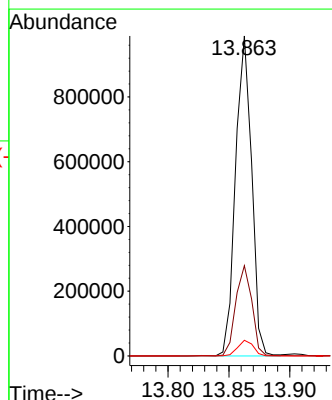
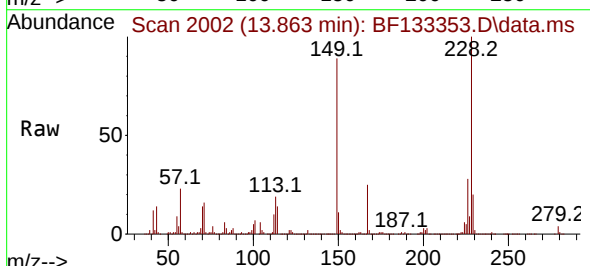
Tgt Ion:149 Resp: 908323

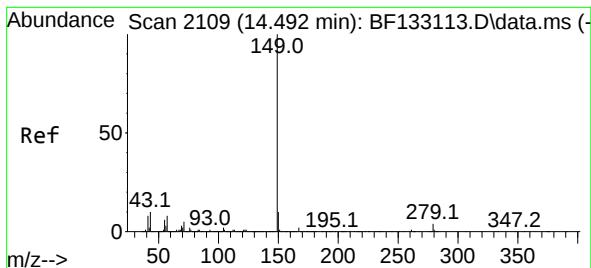
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.9 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 47.944 ng

RT: 14.474 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

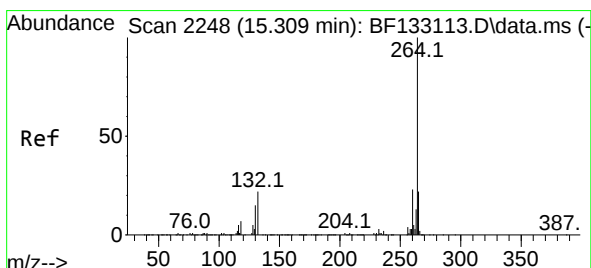
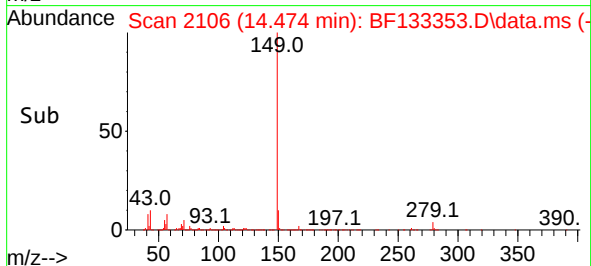
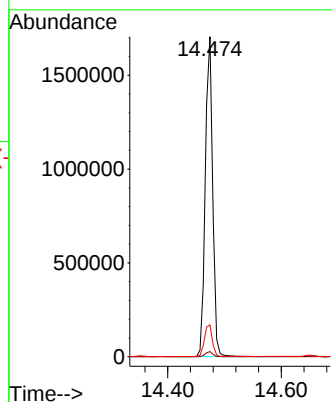
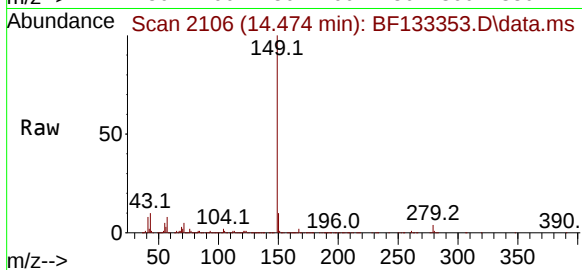
Tgt Ion:149 Resp: 1531161

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

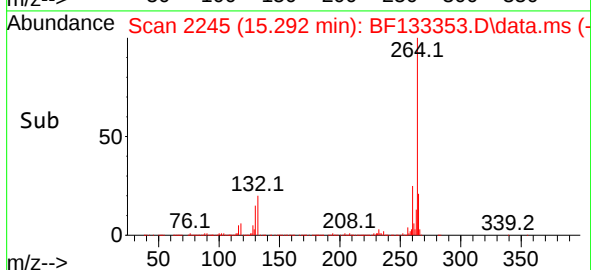
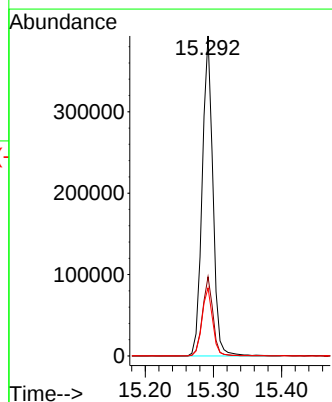
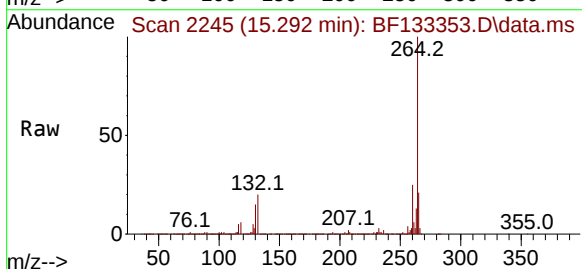
Tgt Ion:264 Resp: 429053

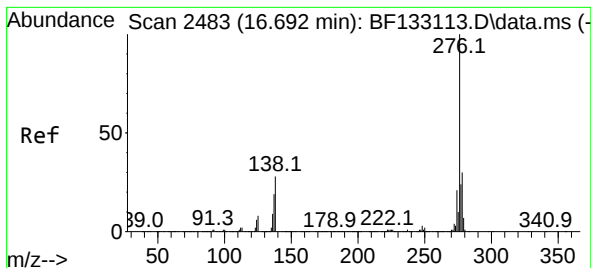
Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.116 ng

RT: 16.674 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

Instrument :

BNA_F

ClientSampleId :

PB152724BS

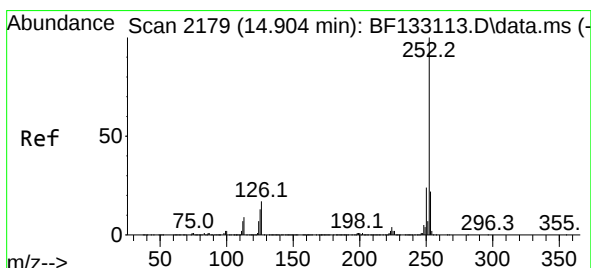
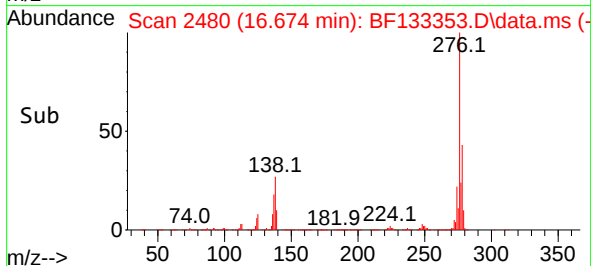
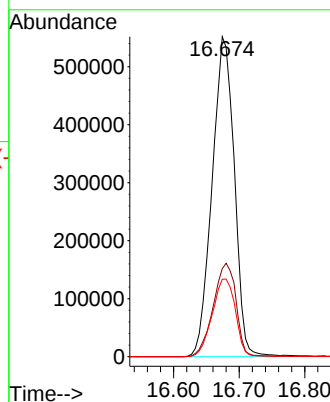
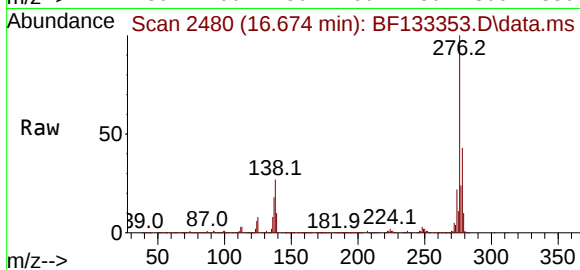
Tgt Ion:276 Resp: 1296307

Ion Ratio Lower Upper

276 100

138 30.1 25.5 38.3

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.897 ng

RT: 14.892 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BF133353.D

Acq: 11 May 2023 14:16

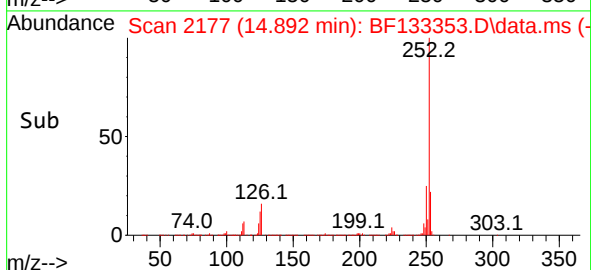
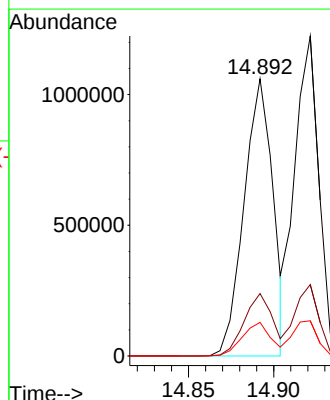
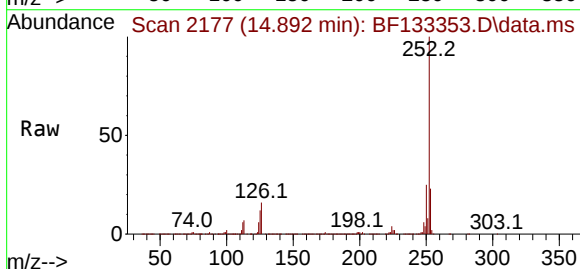
Tgt Ion:252 Resp: 1252810

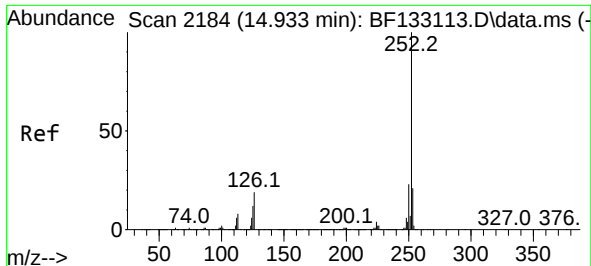
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 12.1 8.9 13.3

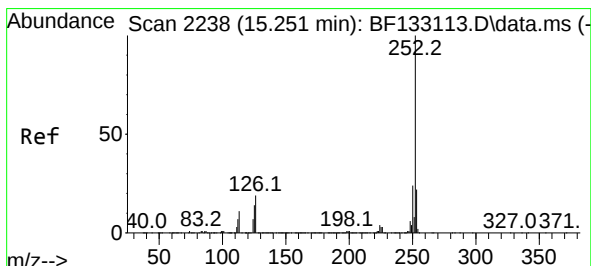
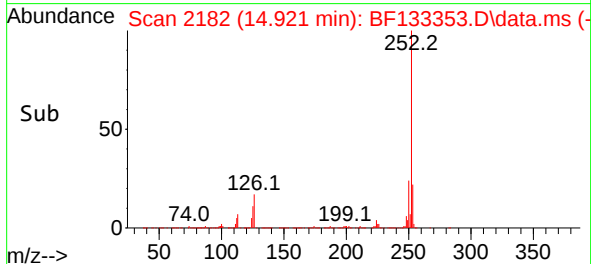
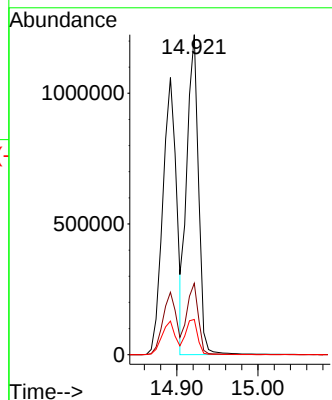
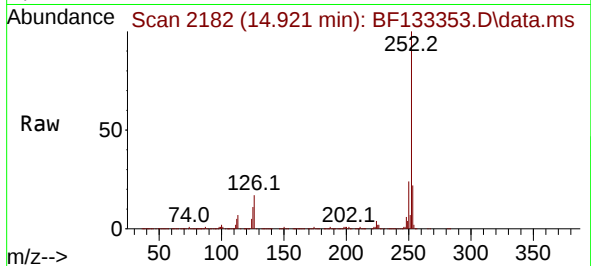




#89
Benzo(k)fluoranthene
Concen: 45.092 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

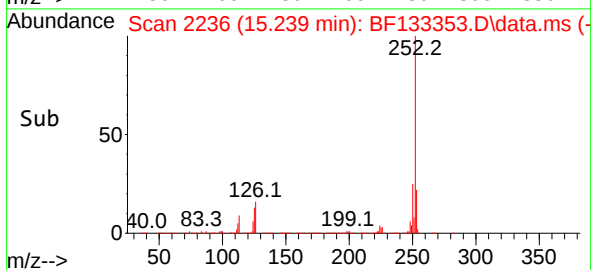
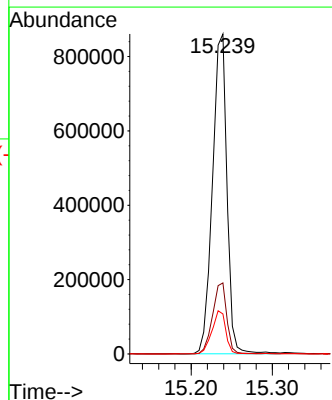
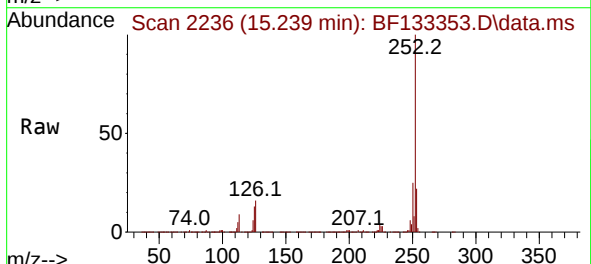
Instrument :
BNA_F
ClientSampleId :
PB152724BS

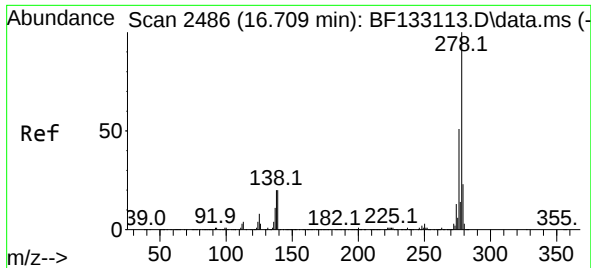
Tgt Ion:252 Resp: 1220096
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 42.823 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:252 Resp: 1063920
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.5 10.5 15.7

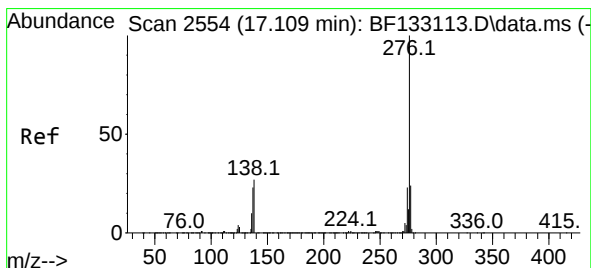
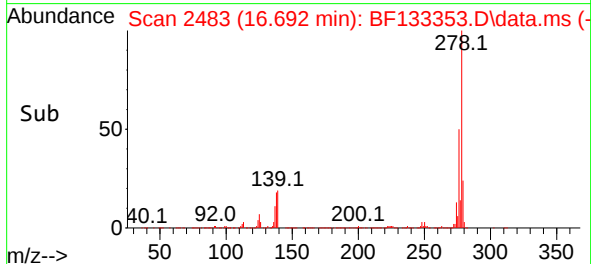
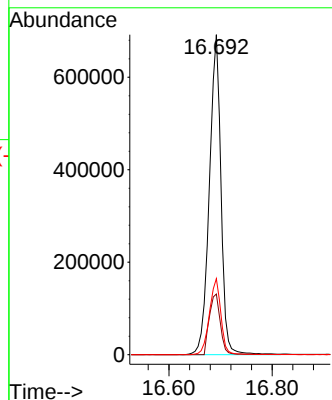
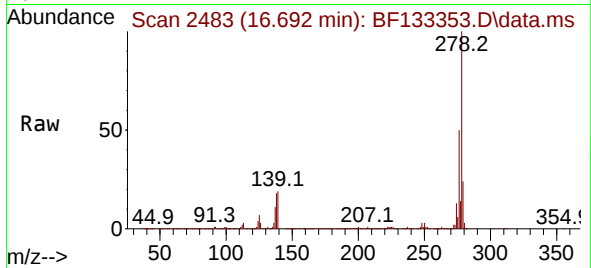




#91
Dibenzo(a,h)anthracene
Concen: 53.042 ng
RT: 16.692 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Instrument :
BNA_F
ClientSampleId :
PB152724BS

Tgt Ion:278 Resp: 1079678
Ion Ratio Lower Upper
278 100
139 18.9 16.6 24.8
279 23.8 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 54.759 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BF133353.D
Acq: 11 May 2023 14:16

Tgt Ion:276 Resp: 1100428
Ion Ratio Lower Upper
276 100
277 23.6 19.4 29.0
138 25.6 22.7 34.1

