

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133318.D
 Acq On : 09 May 2023 15:35
 Operator : CG\JU
 Sample : 02665-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02MSD

Quant Time: May 10 01:47:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 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	176906	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	736851	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	382676	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	689320	20.000	ng	0.00
76) Chrysene-d12	13.874	240	332290	20.000	ng	0.00
86) Perylene-d12	15.292	264	392449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1111181	94.884	ng	0.01
7) Phenol-d6	6.369	99	1362267	93.719	ng	0.00
23) Nitrobenzene-d5	7.287	82	827023	60.582	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	335656	87.216	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1479135	64.665	ng	0.00
79) Terphenyl-d14	12.827	244	1428672	74.152	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.458	88	252498	46.484	ng	97
3) Pyridine	3.146	79	629850	43.657	ng	96
4) n-Nitrosodimethylamine	3.110	42	348296	46.609	ng	99
6) Aniline	6.381	93	560641	29.946	ng	# 2
8) 2-Chlorophenol	6.510	128	610105	51.311	ng	93
9) Benzaldehyde	6.269	77	430976	Below Cal		97
10) Phenol	6.381	94	734119	45.781	ng	79
11) bis(2-Chloroethyl)ether	6.457	93	579902	48.192	ng	98
12) 1,3-Dichlorobenzene	6.663	146	644451	50.978	ng	98
13) 1,4-Dichlorobenzene	6.740	146	650245	51.323	ng	97
14) 1,2-Dichlorobenzene	6.893	146	617748	52.887	ng	99
15) Benzyl Alcohol	6.869	79	515709	51.362	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	922853	44.155	ng	94
17) 2-Methylphenol	6.987	107	499933	45.917	ng	97
18) Hexachloroethane	7.234	117	231156	52.478	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	391793	43.296	ng	95
20) 3+4-Methylphenols	7.140	107	607735	47.397	ng	# 89
22) Acetophenone	7.134	105	820587	48.075	ng	# 95
24) Nitrobenzene	7.310	77	627470	45.360	ng	97
25) Isophorone	7.545	82	1149037	44.332	ng	98
26) 2-Nitrophenol	7.622	139	344021	51.561	ng	97
27) 2,4-Dimethylphenol	7.669	122	555859	48.585	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	689357	44.958	ng	99
29) 2,4-Dichlorophenol	7.869	162	497886	47.804	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	512060	47.457	ng	98
31) Naphthalene	8.028	128	1708228	46.369	ng	98
32) Benzoic acid	7.792	122	241131	34.121	ng	97
33) 4-Chloroaniline	8.081	127	179289	12.045	ng	96
34) Hexachlorobutadiene	8.145	225	282787	47.286	ng	99
35) Caprolactam	8.463	113	136771	39.090	ng	88
36) 4-Chloro-3-methylphenol	8.575	107	546505	48.659	ng	98
37) 2-Methylnaphthalene	8.722	142	1138375	45.197	ng	99
38) 1-Methylnaphthalene	8.816	142	1086943	46.132	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	464243	45.120	ng	99
41) Hexachlorocyclopentadiene	8.875	237	470773	78.454	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	334494	47.008	ng	99

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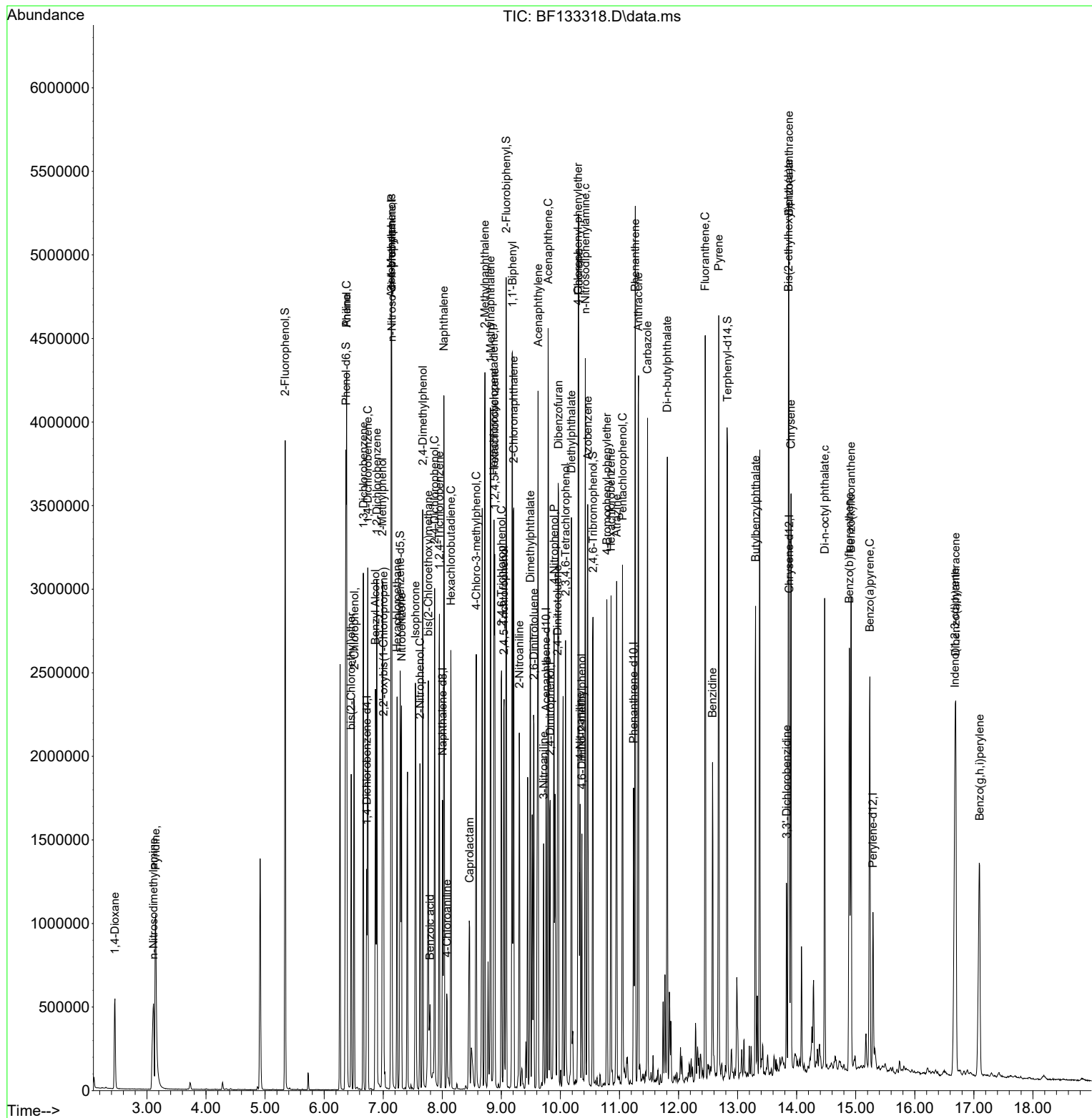
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	360373	43.791	ng	97
46) 1,1'-Biphenyl	9.186	154	1394694	45.962	ng	98
47) 2-Chloronaphthalene	9.210	162	1047755	47.175	ng	99
48) 2-Nitroaniline	9.304	65	351897	47.940	ng	92
49) Acenaphthylene	9.622	152	1650837	46.518	ng	100
50) Dimethylphthalate	9.492	163	1244817	46.652	ng	98
51) 2,6-Dinitrotoluene	9.551	165	289199	48.154	ng	88
52) Acenaphthene	9.792	154	1023610	43.066	ng	98
53) 3-Nitroaniline	9.716	138	207770	29.096	ng	99
54) 2,4-Dinitrophenol	9.828	184	233120	77.224	ng	96
55) Dibenzofuran	9.969	168	1456344	44.918	ng	100
56) 4-Nitrophenol	9.892	139	481625	87.081	ng	91
57) 2,4-Dinitrotoluene	9.951	165	382138	49.894	ng	99
58) Fluorene	10.310	166	1113664	46.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	293942	46.073	ng	99
60) Diethylphthalate	10.186	149	1169588	46.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	514565	44.452	ng	95
62) 4-Nitroaniline	10.333	138	320382	48.815	ng	96
63) Azobenzene	10.463	77	1326651	49.688	ng	94
65) 4,6-Dinitro-2-methylph...	10.363	198	182433	43.664	ng	88
66) n-Nitrosodiphenylamine	10.422	169	1007065	45.039	ng	98
67) 4-Bromophenyl-phenylether	10.786	248	327526	43.810	ng	# 90
68) Hexachlorobenzene	10.857	284	352874	46.063	ng	97
69) Atrazine	10.951	200	352473	54.708	ng	98
70) Pentachlorophenol	11.051	266	366729	67.217	ng	99
71) Phenanthrene	11.269	178	1945160	52.502	ng	99
72) Anthracene	11.322	178	1739187	45.870	ng	99
73) Carbazole	11.475	167	1553009	46.000	ng	100
74) Di-n-butylphthalate	11.810	149	1840869	48.183	ng	99
75) Fluoranthene	12.451	202	1822088	49.004	ng	99
77) Benzidine	12.575	184	692884	123.307	ng	# 93
78) Pyrene	12.680	202	1843408	64.715	ng	99
80) Butylbenzylphthalate	13.304	149	656523	65.094	ng	98
81) Benzo(a)anthracene	13.869	228	1141196	49.942	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	233378	36.971	ng	99
83) Chrysene	13.904	228	1144058	50.079	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	742147	58.624	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1271622	61.604	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1304591	58.441	ng	97
88) Benzo(b)fluoranthene	14.892	252	1210961	48.502	ng	98
89) Benzo(k)fluoranthene	14.921	252	1142691	46.170	ng	100
90) Benzo(a)pyrene	15.239	252	1121912	49.368	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1053332	56.574	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1014130	55.171	ng	97

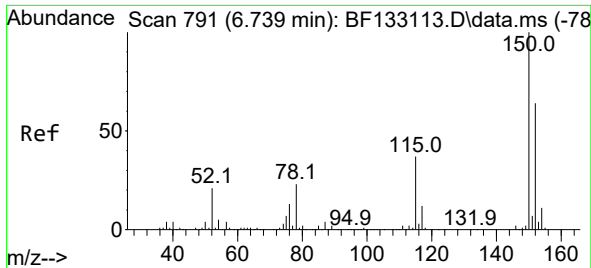
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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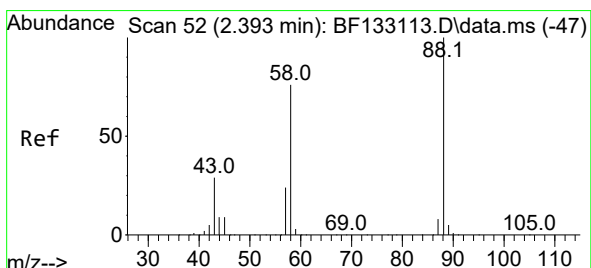
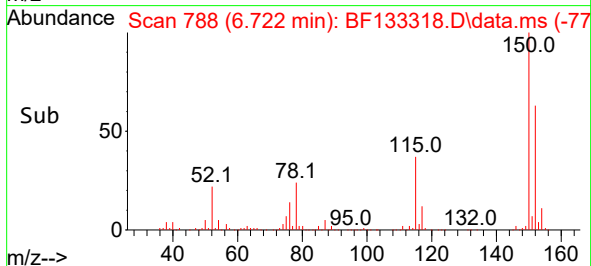
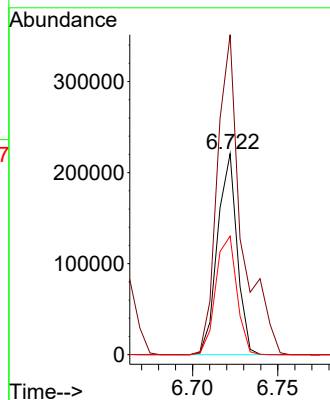
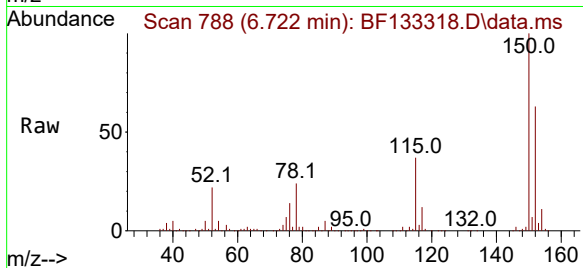




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133318.D
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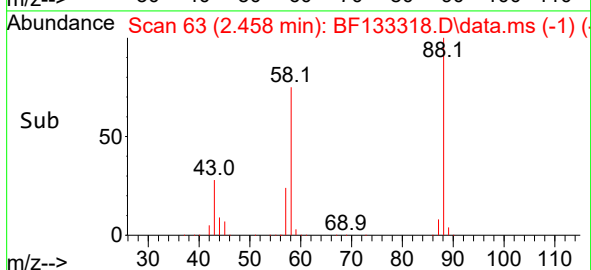
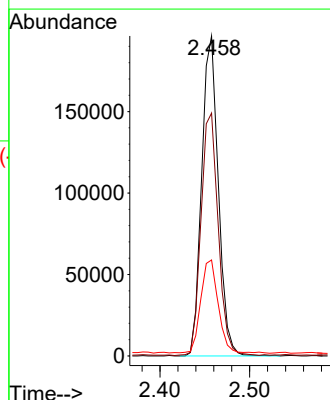
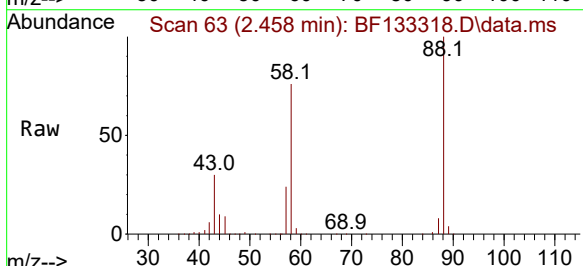
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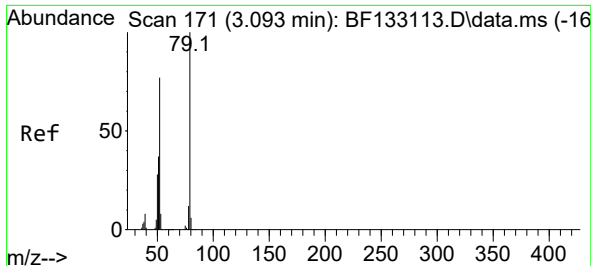
Tgt Ion:152 Resp: 176906
Ion Ratio Lower Upper
152 100
150 159.3 124.8 187.2
115 59.1 49.9 74.9



#2
1,4-Dioxane
Concen: 46.484 ng
RT: 2.458 min Scan# 63
Delta R.T. 0.088 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 88 Resp: 252498
Ion Ratio Lower Upper
88 100
58 78.3 64.7 97.1
43 30.9 26.2 39.2

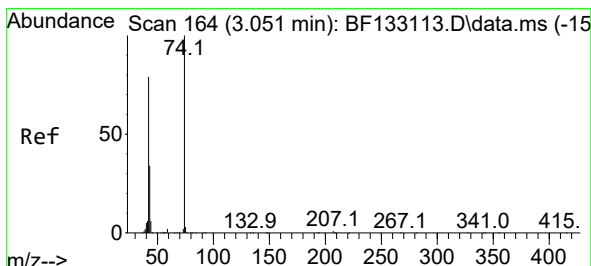
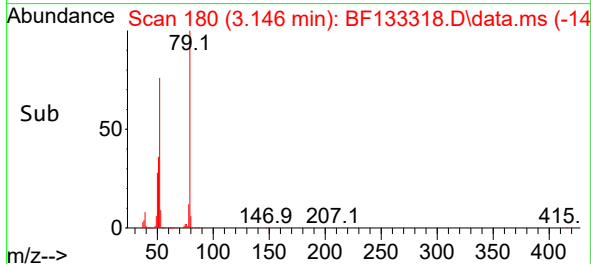
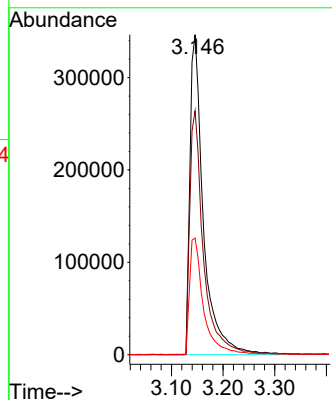
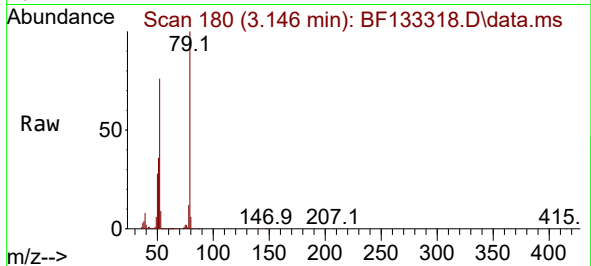




#3
Pyridine
Concen: 43.657 ng
RT: 3.146 min Scan# 171
Delta R.T. 0.083 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

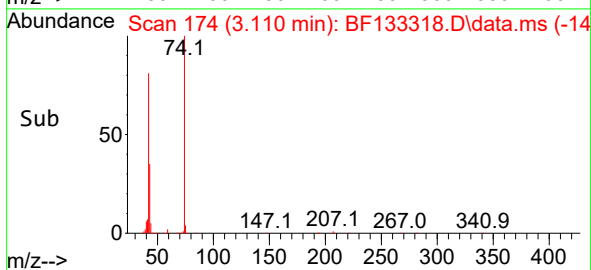
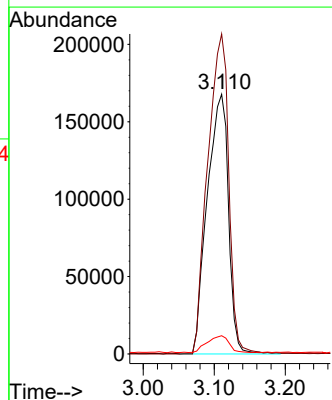
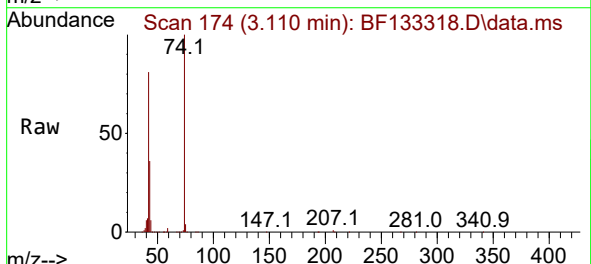
Instrument :
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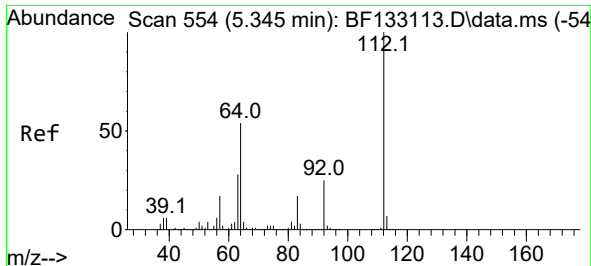
Tgt Ion: 79 Resp: 629850
Ion Ratio Lower Upper
79 100
52 76.2 64.6 96.8
51 36.5 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 46.609 ng
RT: 3.110 min Scan# 174
Delta R.T. 0.077 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 42 Resp: 348296
Ion Ratio Lower Upper
42 100
74 123.2 98.0 147.0
44 7.0 5.8 8.8

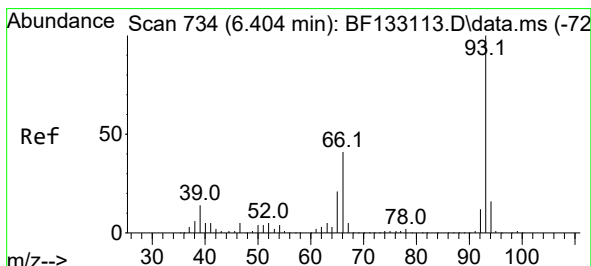
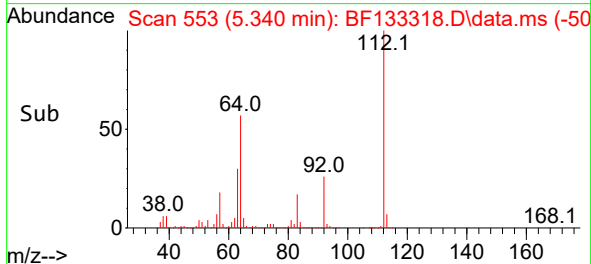
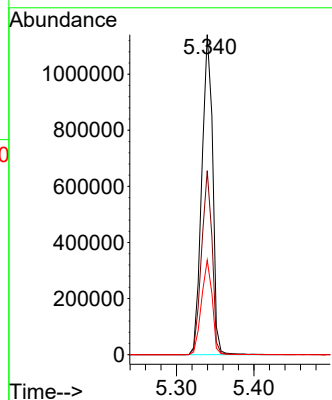
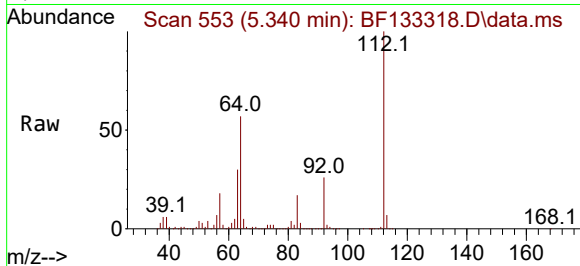




#5
2-Fluorophenol
Concen: 94.884 ng
RT: 5.340 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

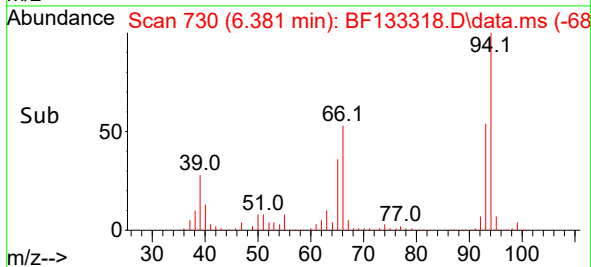
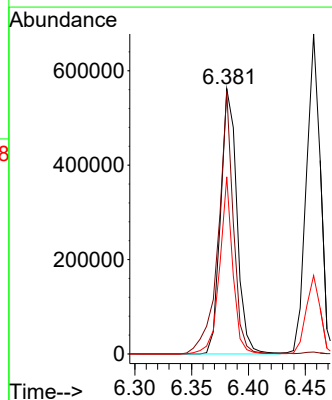
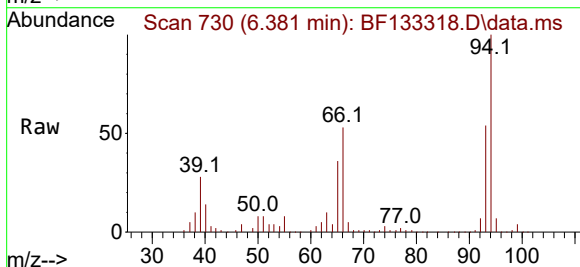
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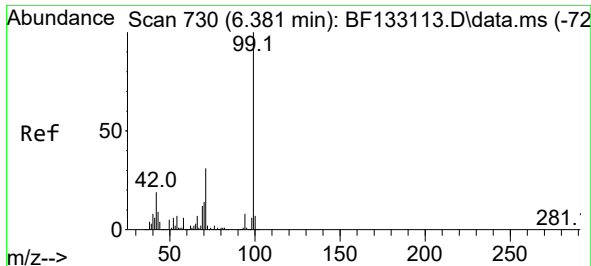
Tgt Ion:112 Resp: 1111181
Ion Ratio Lower Upper
112 100
64 57.5 46.8 70.2
63 29.6 23.8 35.8



#6
Aniline
Concen: 29.946 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 93 Resp: 560641
Ion Ratio Lower Upper
93 100
66 99.0 31.5 47.3#
65 66.8 16.4 24.6#





#7

Phenol-d6

Concen: 93.719 ng

RT: 6.369 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

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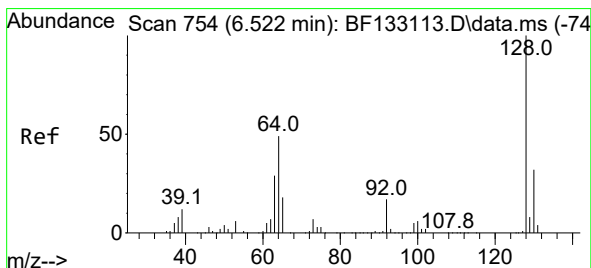
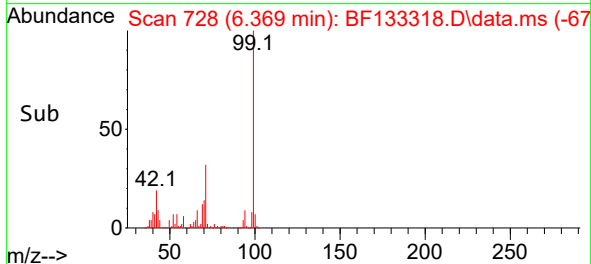
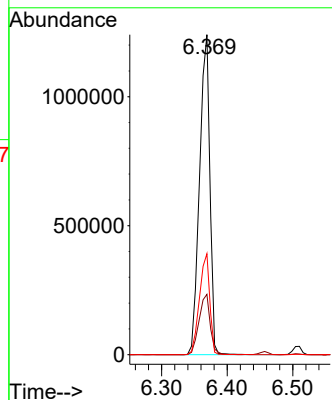
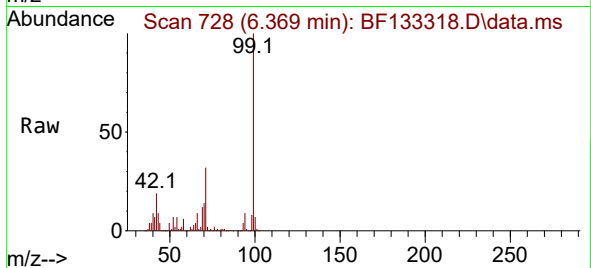
Tgt Ion: 99 Resp: 1362267

Ion Ratio Lower Upper

99 100

42 18.9 16.3 24.5

71 31.5 25.6 38.4



#8

2-Chlorophenol

Concen: 51.311 ng

RT: 6.510 min Scan# 752

Delta R.T. 0.000 min

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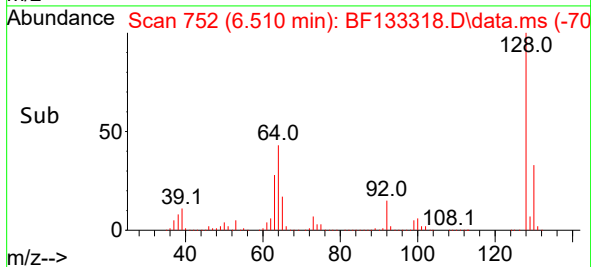
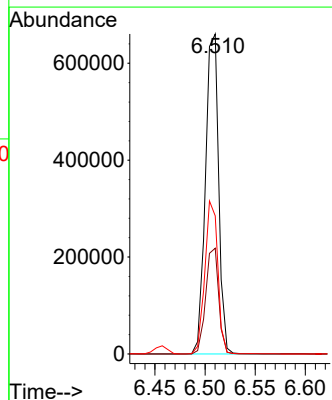
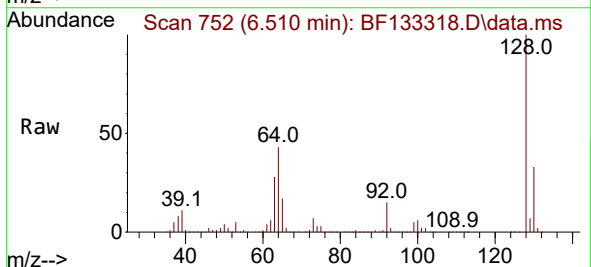
Tgt Ion:128 Resp: 610105

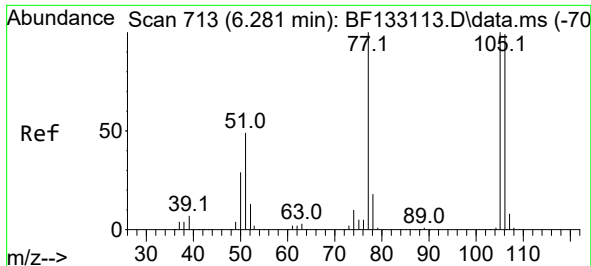
Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

64 43.2 30.3 70.3

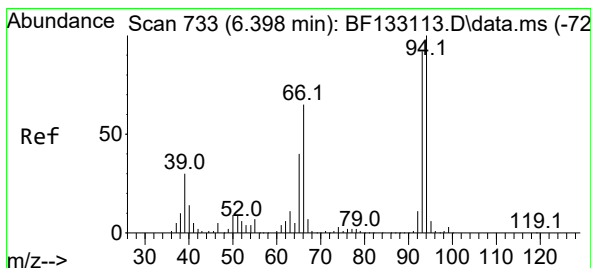
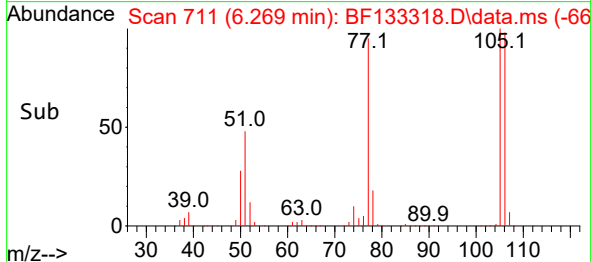
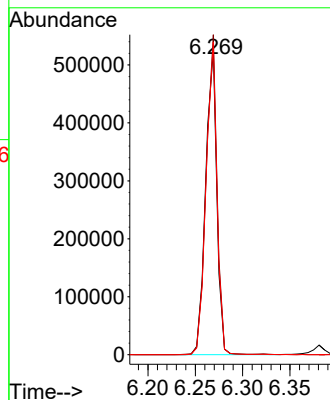
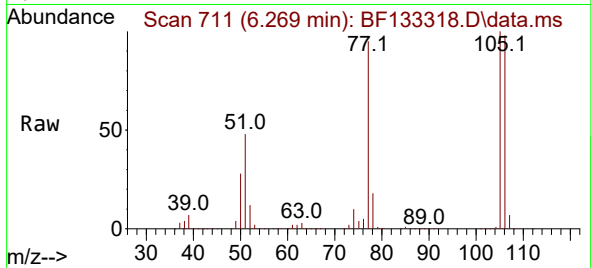




#9
Benzaldehyde
Concen: Below Cal
RT: 6.269 min Scan# 711
Delta R.T. 0.000 min
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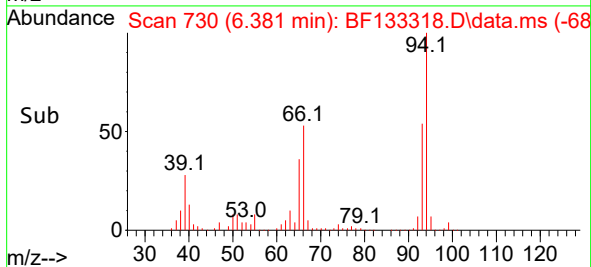
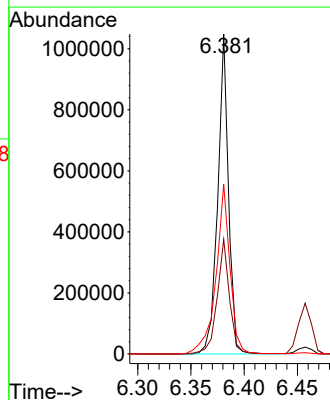
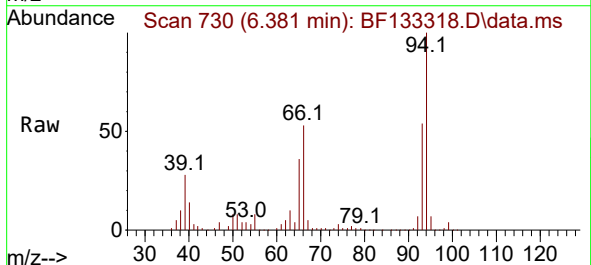
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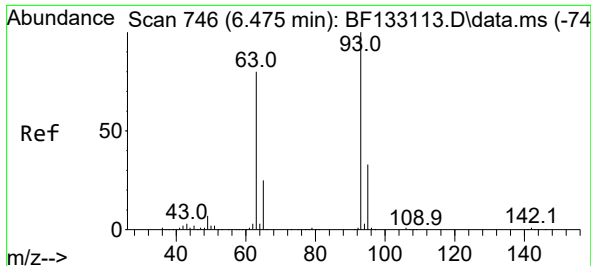
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Ion Ratio Lower Upper
77 100
105 105.4 82.3 122.3
106 103.0 80.8 120.8



#10
Phenol
Concen: 45.781 ng
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 94 Resp: 734119
Ion Ratio Lower Upper
94 100
65 35.8 8.6 48.6
66 53.0 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 48.192 ng

RT: 6.457 min Scan# 746

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

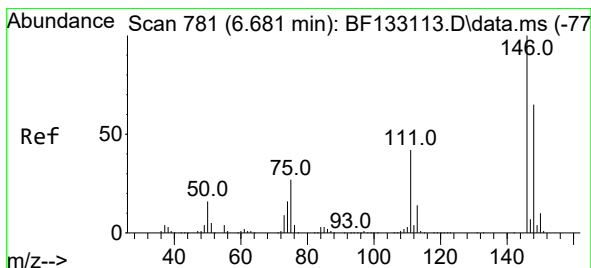
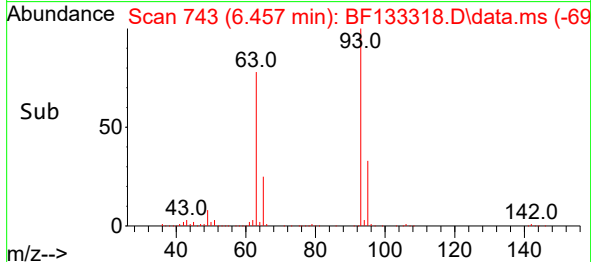
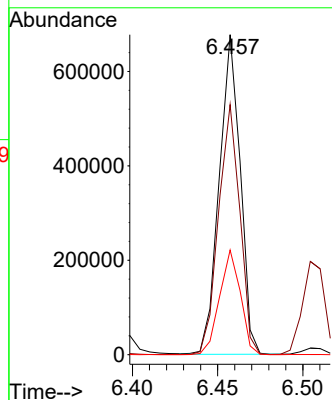
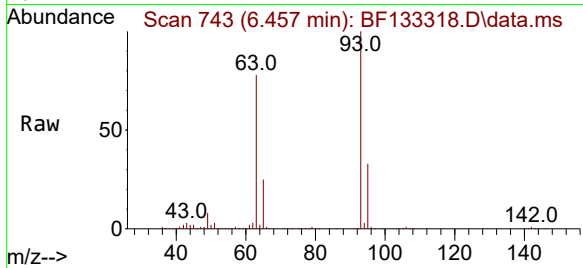
Tgt Ion: 93 Resp: 579902

Ion Ratio Lower Upper

93 100

63 78.2 60.6 100.6

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 50.978 ng

RT: 6.663 min Scan# 778

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

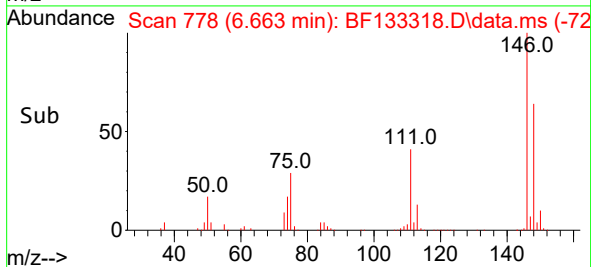
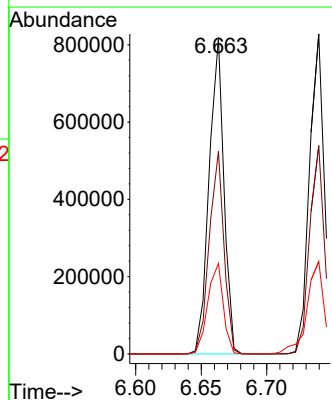
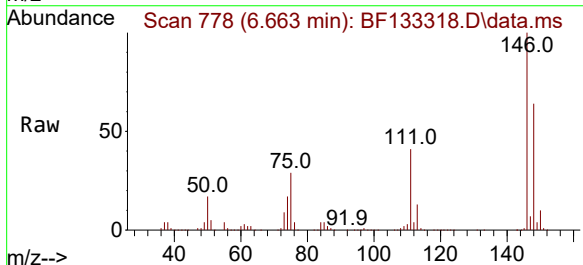
Tgt Ion: 146 Resp: 644451

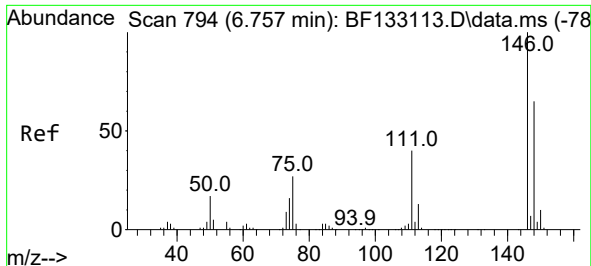
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 28.6 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.323 ng

RT: 6.740 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

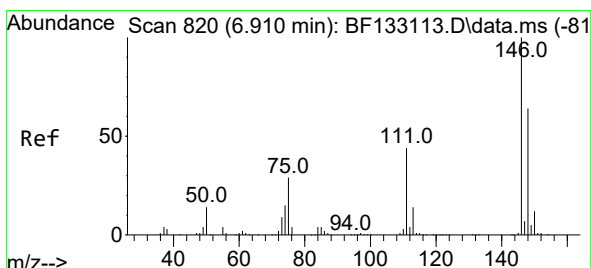
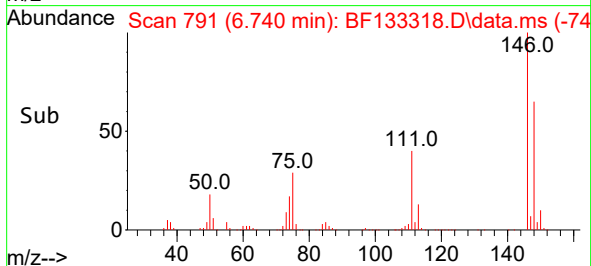
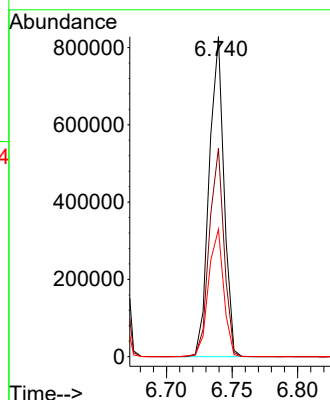
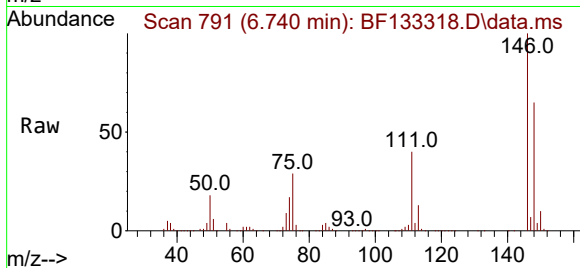
Tgt Ion:146 Resp: 650245

Ion Ratio Lower Upper

146 100

148 65.1 50.3 75.5

111 39.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 52.887 ng

RT: 6.893 min Scan# 817

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

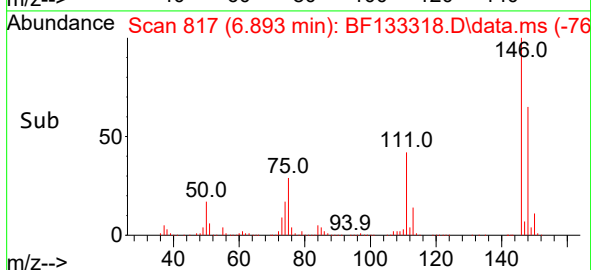
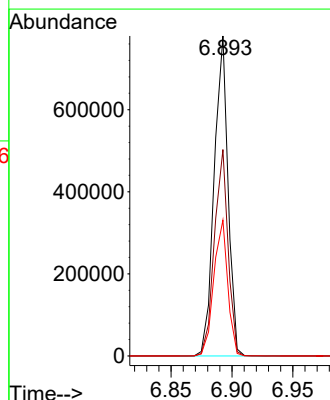
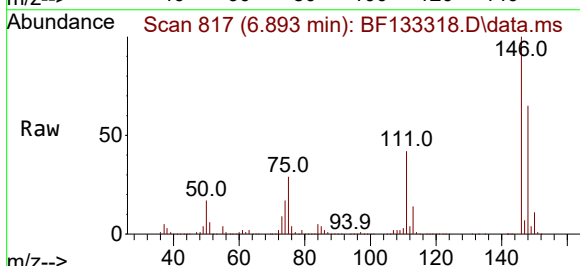
Tgt Ion:146 Resp: 617748

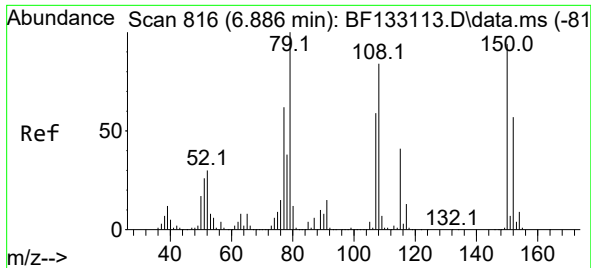
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

111 42.5 32.8 49.2

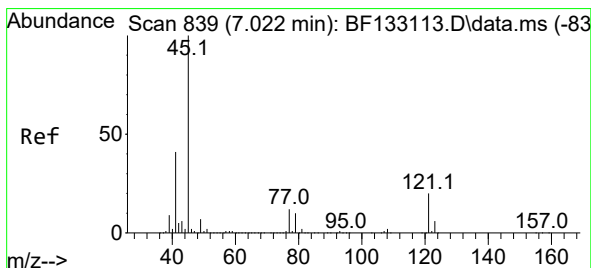
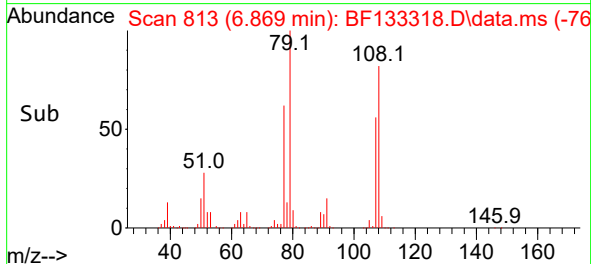
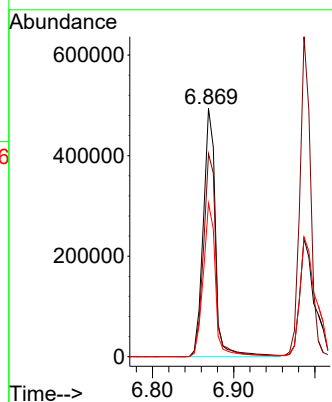
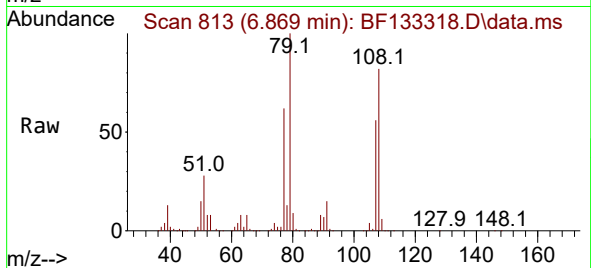




#15
Benzyl Alcohol
Concen: 51.362 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

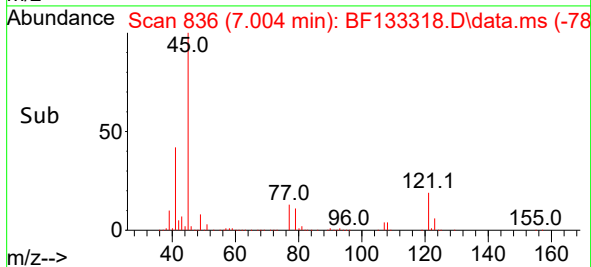
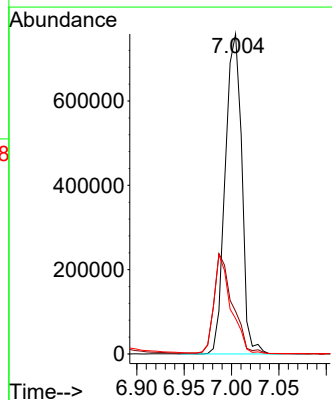
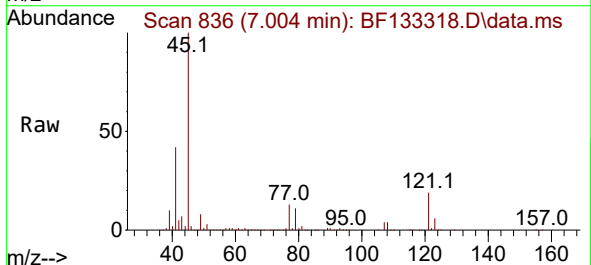
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

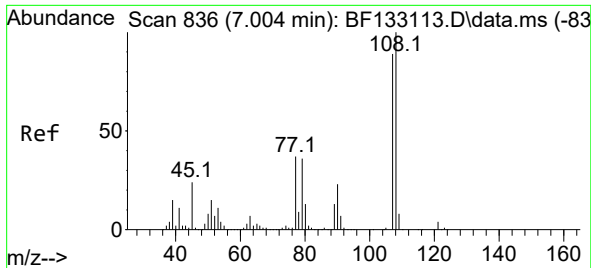
Tgt Ion: 79 Resp: 515709
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 61.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.155 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 45 Resp: 922853
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.5
79 11.1 0.0 28.7

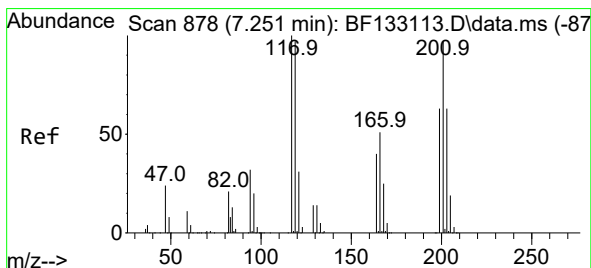
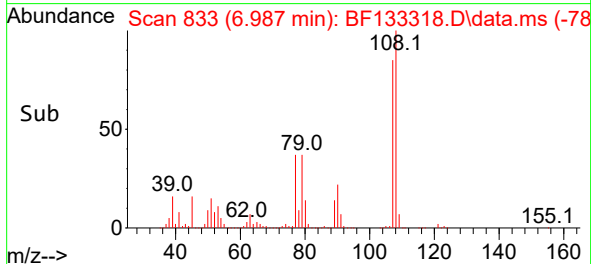
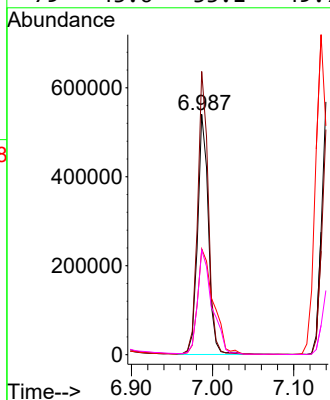
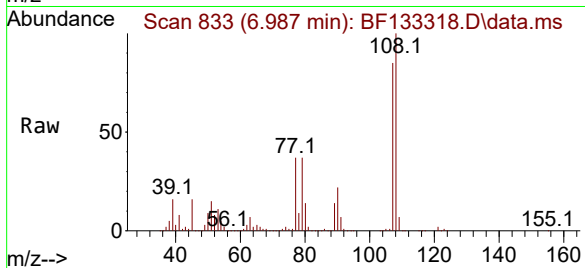




#17
2-Methylphenol
Concen: 45.917 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

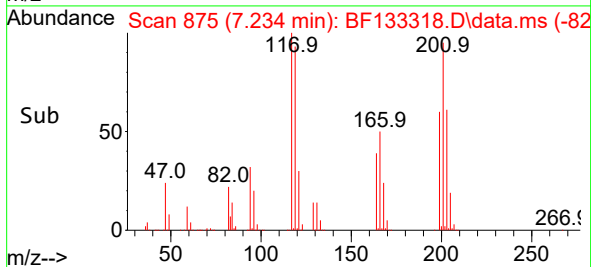
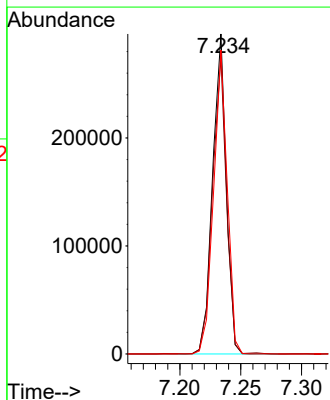
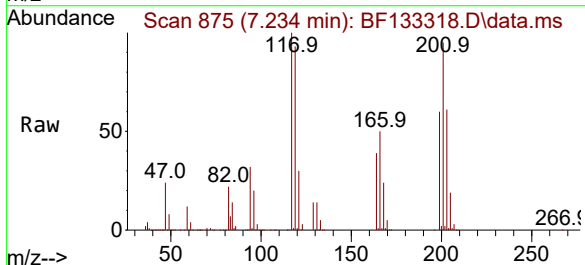
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

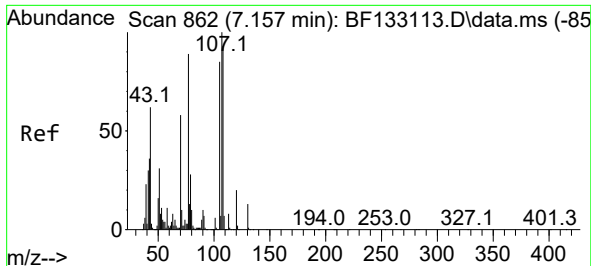
Tgt Ion:107 Resp: 499933
Ion Ratio Lower Upper
107 100
108 117.9 92.4 138.6
77 44.0 33.8 50.8
79 43.6 33.1 49.7



#18
Hexachloroethane
Concen: 52.478 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:117 Resp: 231156
Ion Ratio Lower Upper
117 100
119 92.8 78.2 117.4
201 95.0 81.7 122.5

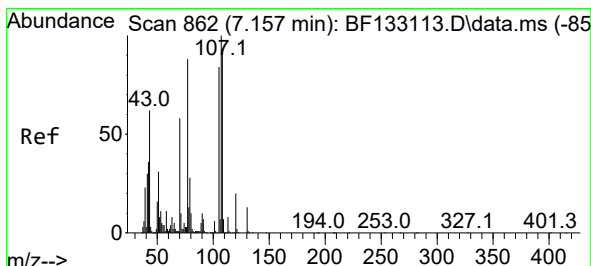
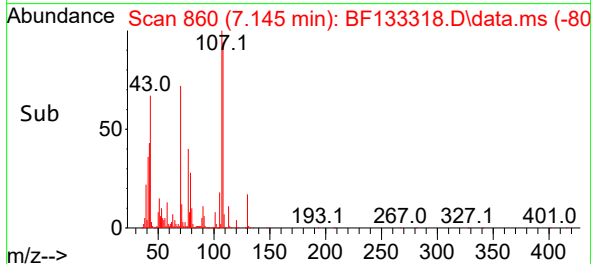
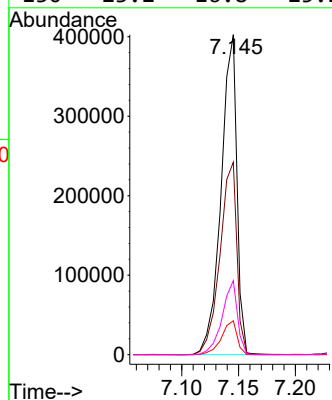
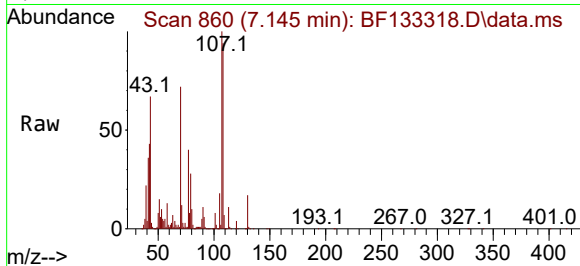




#19
n-Nitroso-di-n-propylamine
Concen: 43.296 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

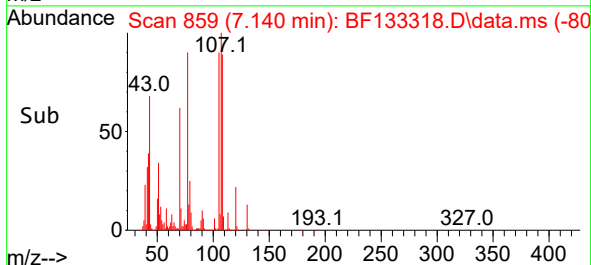
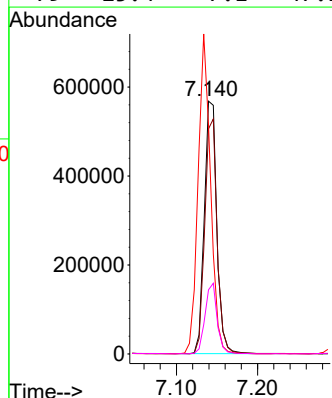
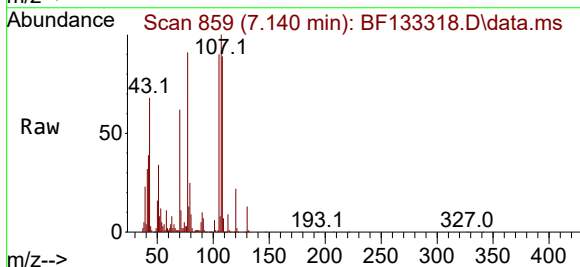
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

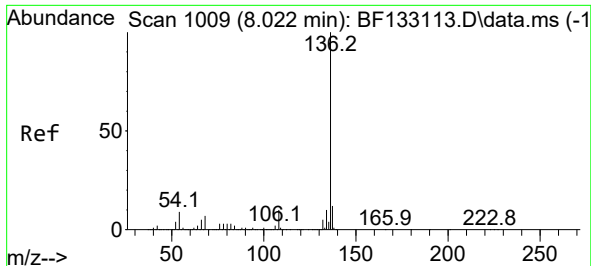
Tgt Ion: 70 Resp: 391793
Ion Ratio Lower Upper
70 100
42 60.1 51.8 77.6
101 10.6 8.0 12.0
130 23.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 47.397 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 107 Resp: 607735
Ion Ratio Lower Upper
107 100
108 89.1 70.5 110.5
77 90.5 91.7 131.7#
79 25.4 7.1 47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

Tgt Ion:136 Resp: 736851

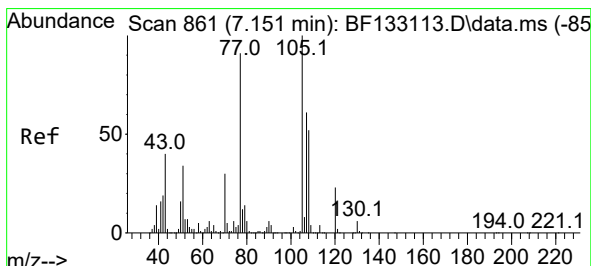
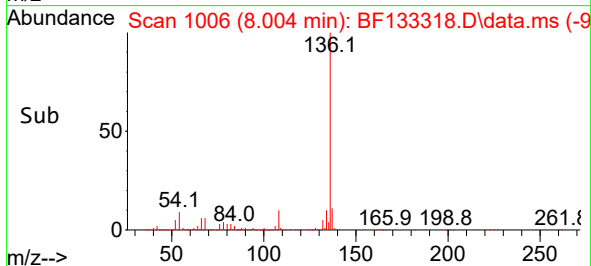
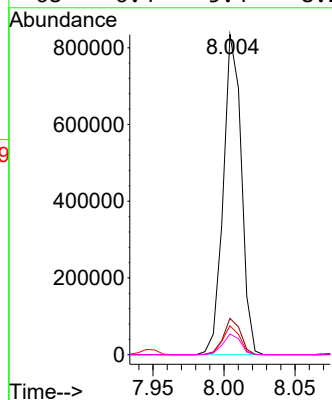
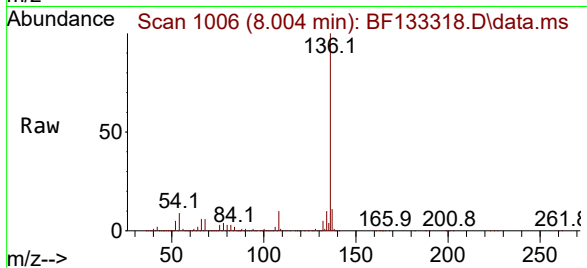
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 9.0 7.0 10.4

68 6.4 5.4 8.2



#22

Acetophenone

Concen: 48.075 ng

RT: 7.134 min Scan# 858

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Tgt Ion:105 Resp: 820587

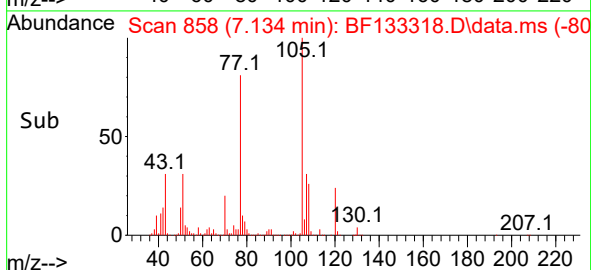
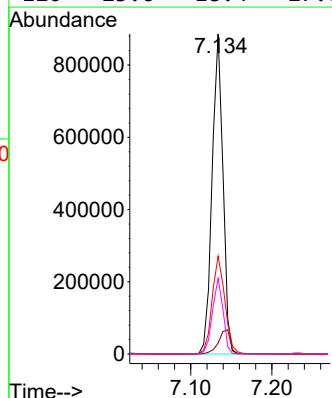
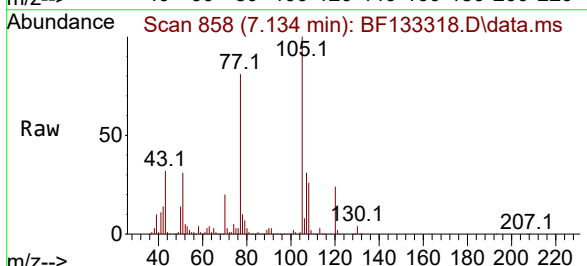
Ion Ratio Lower Upper

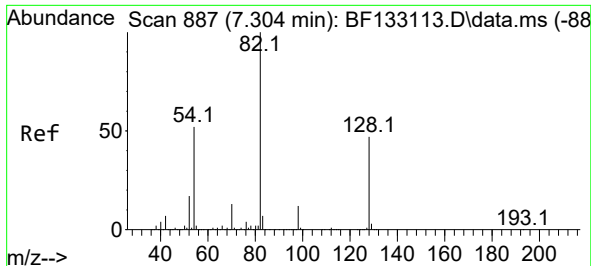
105 100

71 3.4 4.6 7.0#

51 30.6 28.2 42.2

120 23.6 18.4 27.6





#23

Nitrobenzene-d5

Concen: 60.582 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133318.D

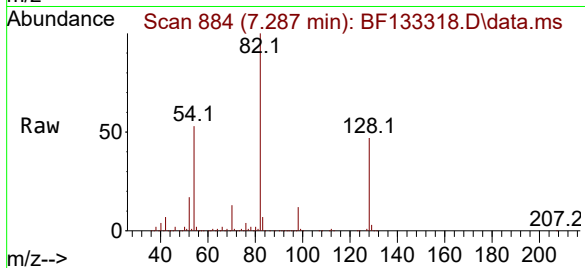
Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD



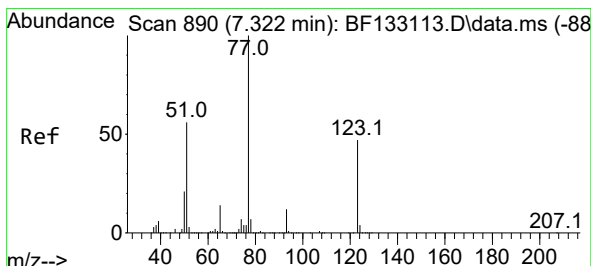
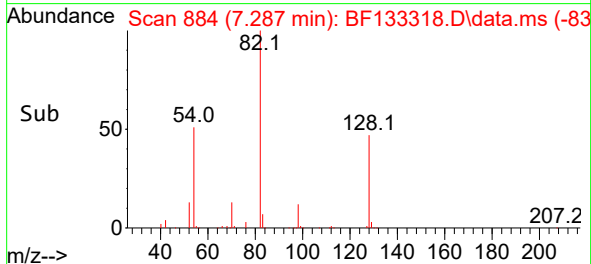
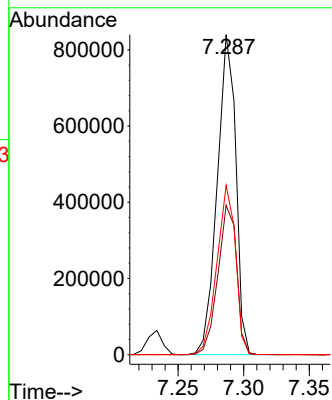
Tgt Ion: 82 Resp: 827023

Ion Ratio Lower Upper

82 100

128 46.7 37.7 56.5

54 52.9 43.0 64.4



#24

Nitrobenzene

Concen: 45.360 ng

RT: 7.310 min Scan# 888

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

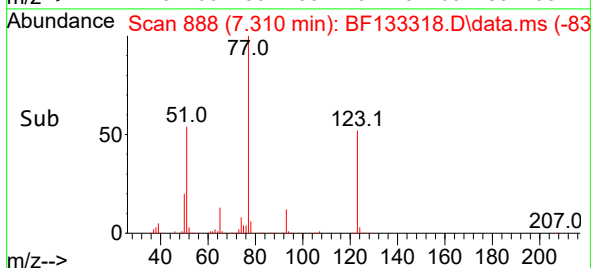
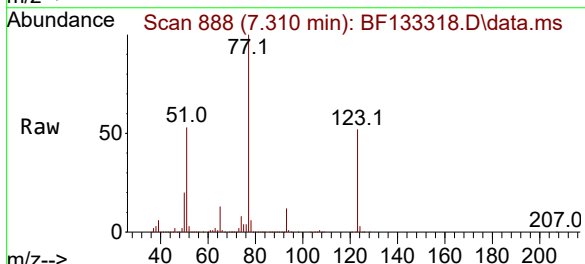
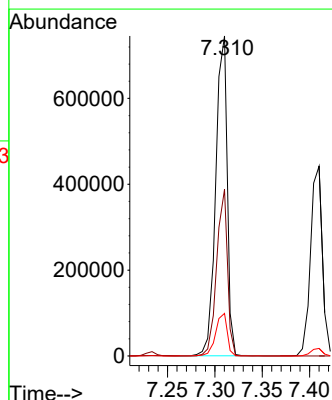
Tgt Ion: 77 Resp: 627470

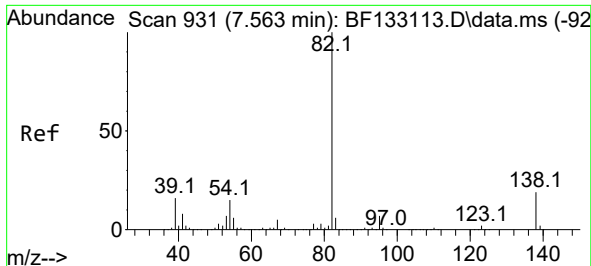
Ion Ratio Lower Upper

77 100

123 52.1 39.9 59.9

65 13.3 10.7 16.1

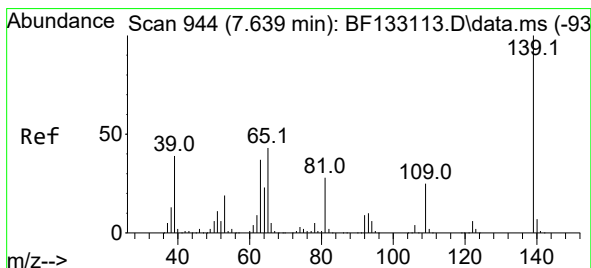
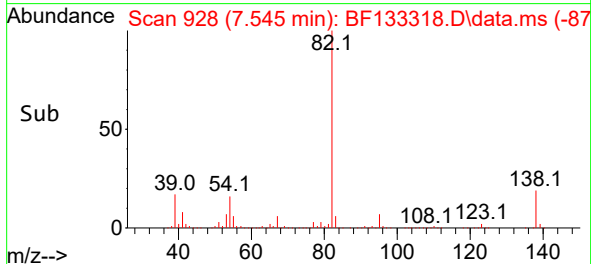
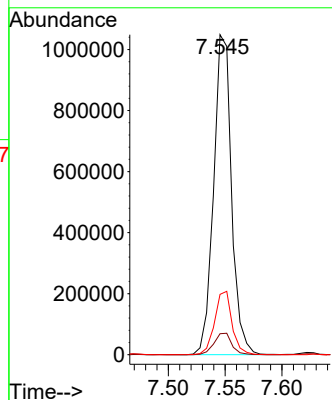
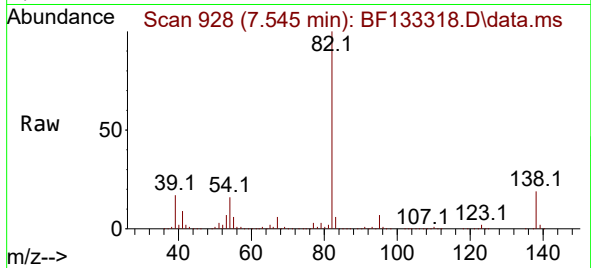




#25
Isophorone
Concen: 44.332 ng
RT: 7.545 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

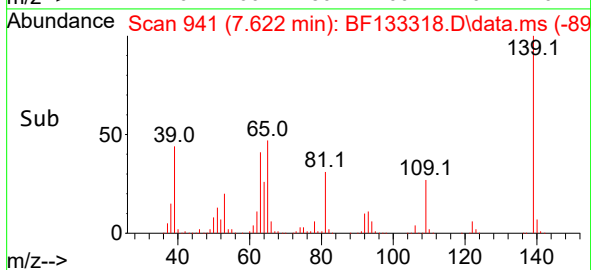
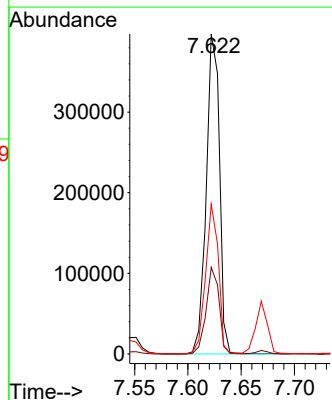
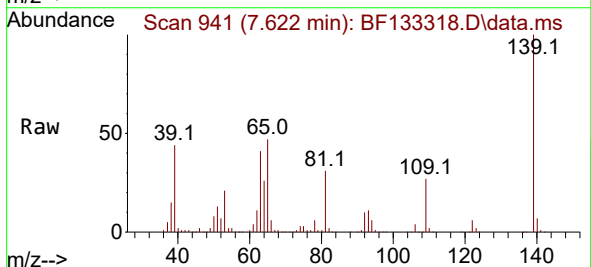
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

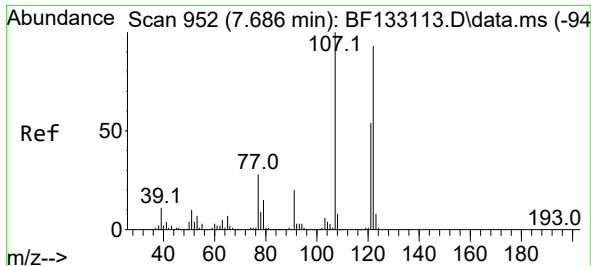
Tgt Ion: 82 Resp: 1149037
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 18.9 16.0 24.0



#26
2-Nitrophenol
Concen: 51.561 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:139 Resp: 344021
Ion Ratio Lower Upper
139 100
109 27.0 21.6 32.4
65 46.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 48.585 ng

RT: 7.669 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF133318.D

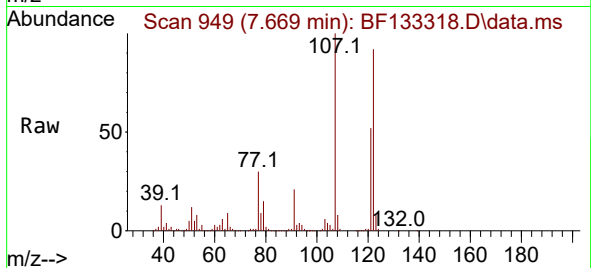
Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD



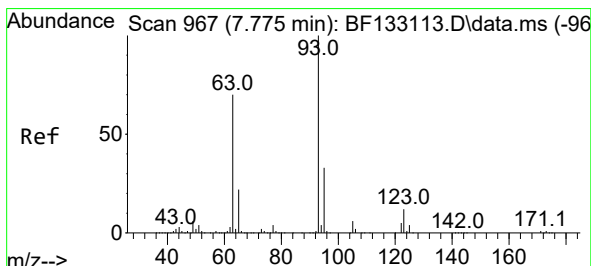
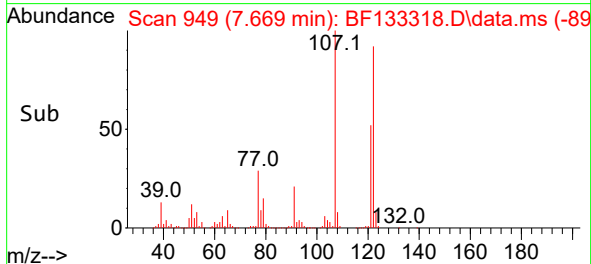
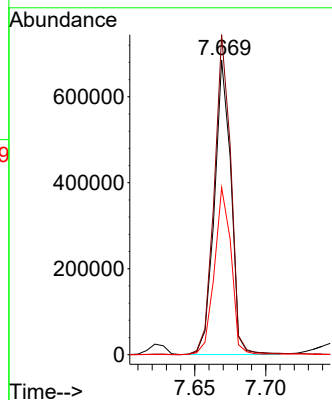
Tgt Ion:122 Resp: 555859

Ion Ratio Lower Upper

122 100

107 108.6 89.7 134.5

121 56.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.958 ng

RT: 7.763 min Scan# 965

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

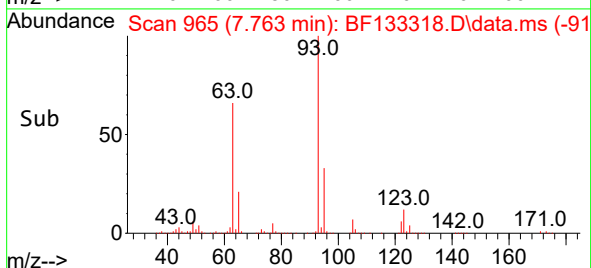
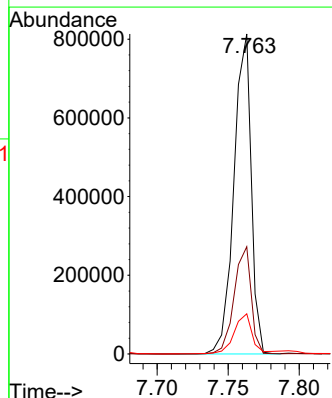
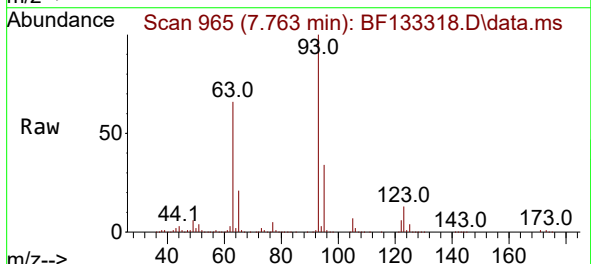
Tgt Ion: 93 Resp: 689357

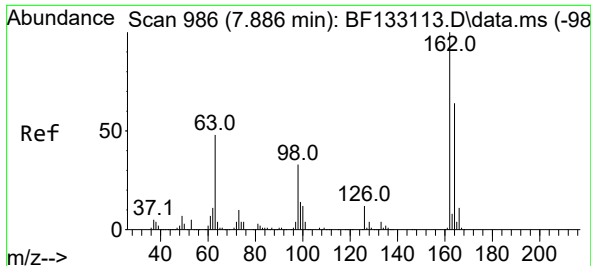
Ion Ratio Lower Upper

93 100

95 33.5 26.4 39.6

123 12.6 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.804 ng

RT: 7.869 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

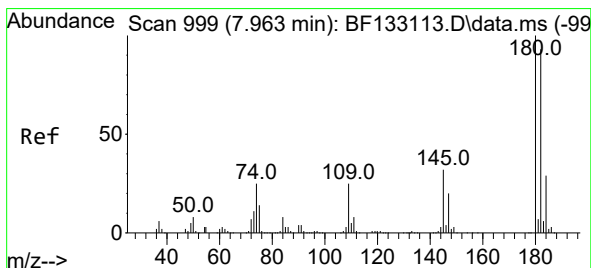
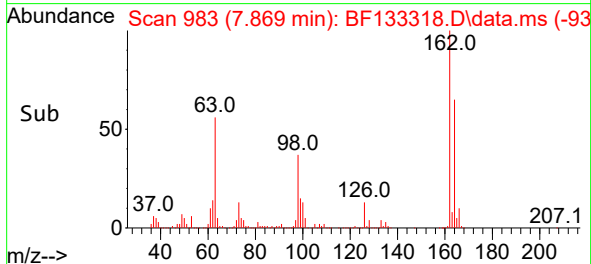
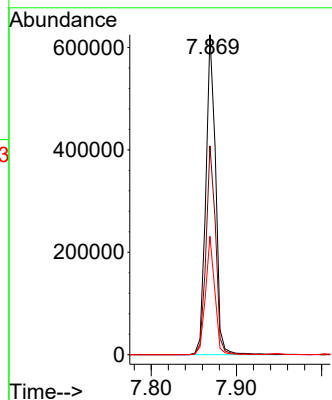
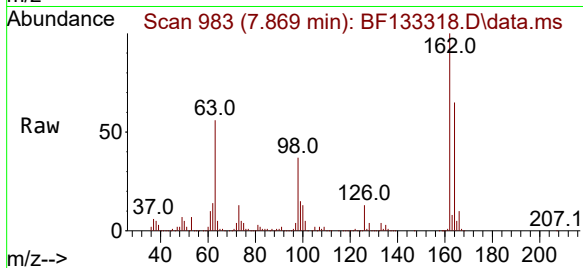
Tgt Ion:162 Resp: 497886

Ion Ratio Lower Upper

162 100

164 65.2 43.9 83.9

98 37.0 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 47.457 ng

RT: 7.951 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

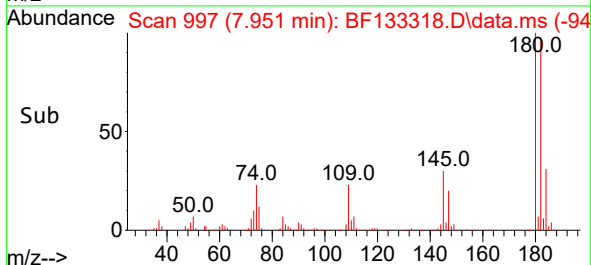
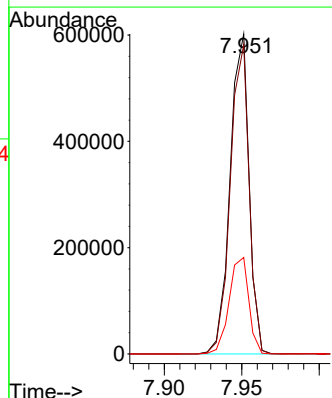
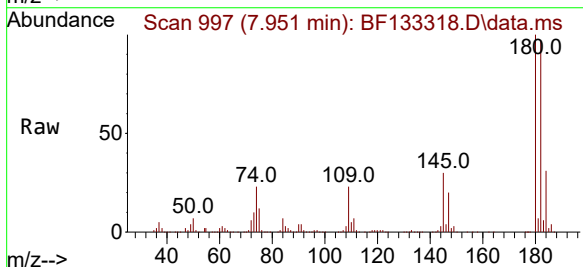
Tgt Ion:180 Resp: 512060

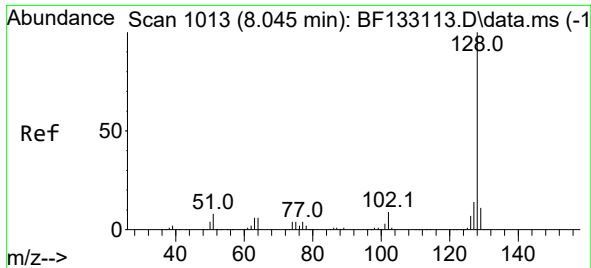
Ion Ratio Lower Upper

180 100

182 96.7 75.9 113.9

145 30.2 25.3 37.9

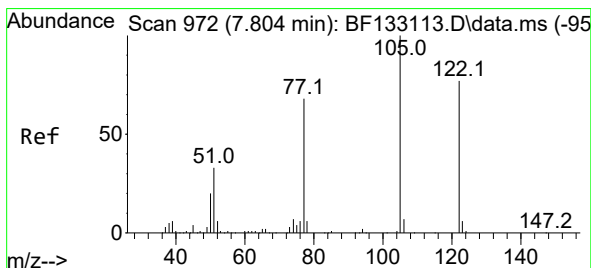
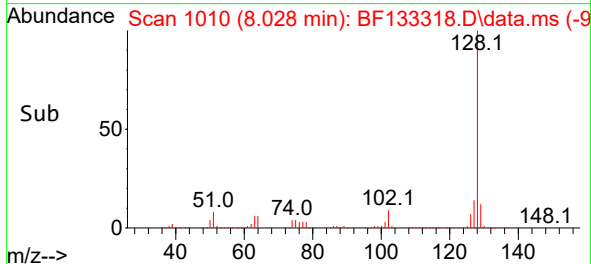
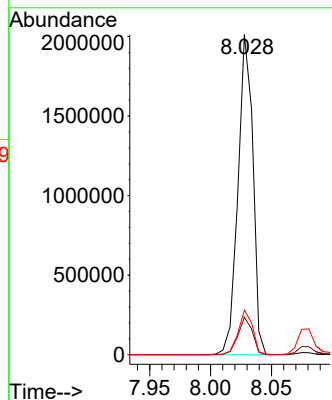
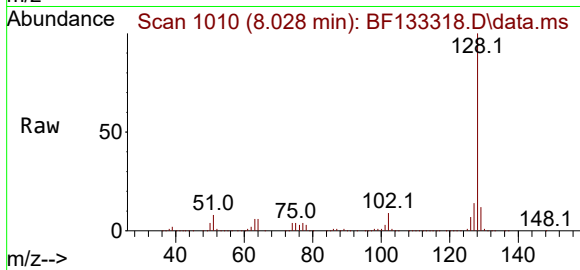




#31
Naphthalene
Concen: 46.369 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

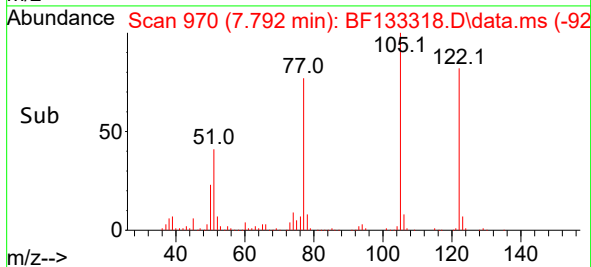
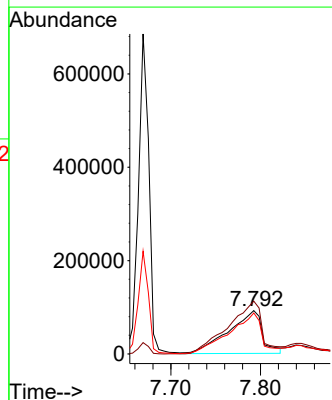
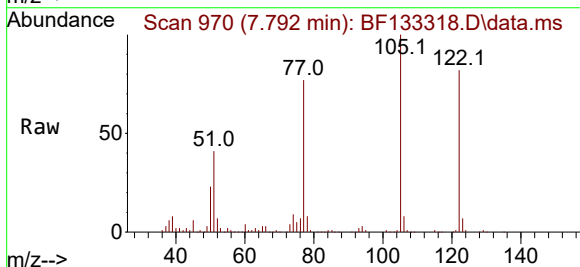
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

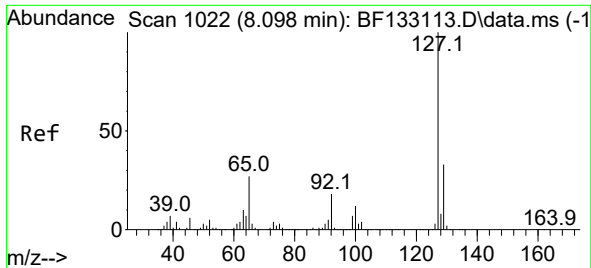
Tgt Ion:128 Resp: 1708228
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 34.121 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.012 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:122 Resp: 241131
Ion Ratio Lower Upper
122 100
105 121.8 104.2 144.2
77 94.3 69.7 109.7

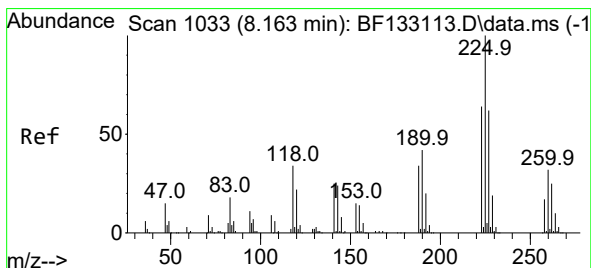
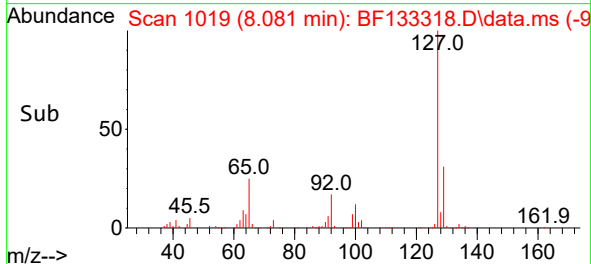
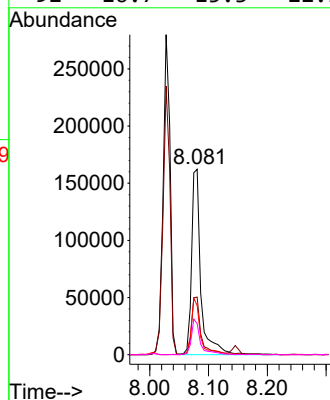
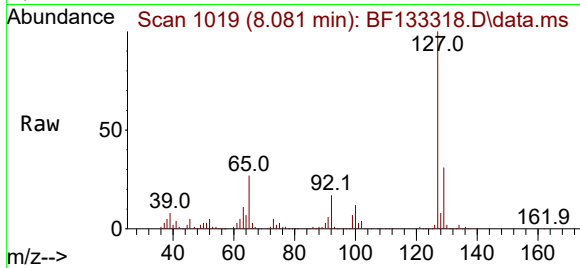




#33
4-Chloroaniline
Concen: 12.045 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

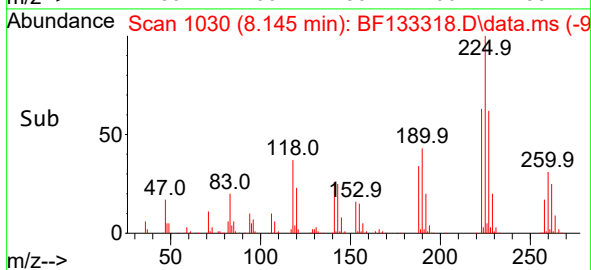
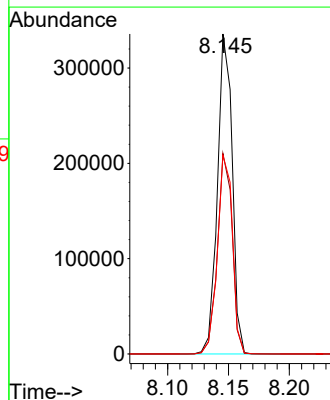
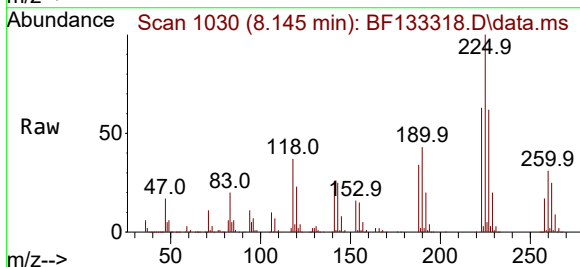
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

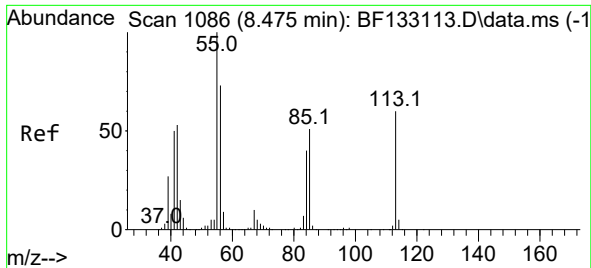
Tgt Ion:	127	Resp:	179289
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	26.5	23.6	35.4
92	16.7	15.3	22.9



#34
Hexachlorobutadiene
Concen: 47.286 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:	225	Resp:	282787
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.9	76.3
227	62.1	50.3	75.5

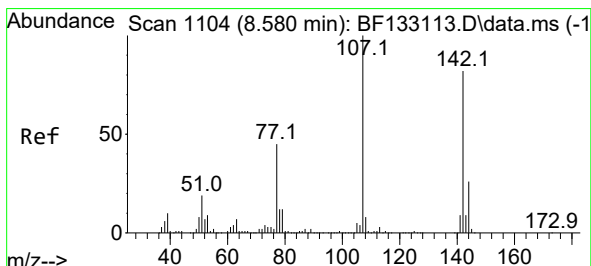
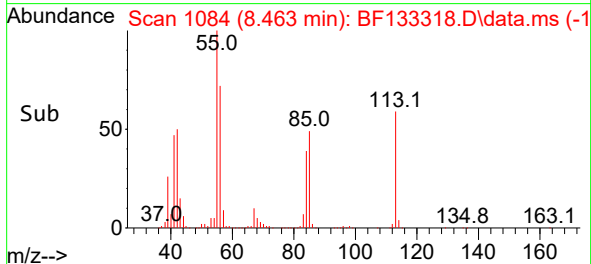
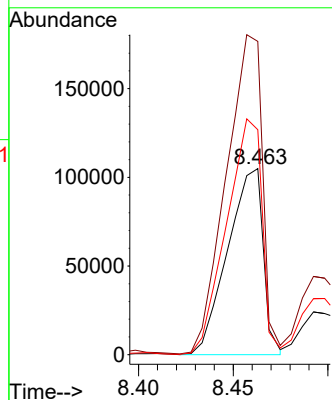
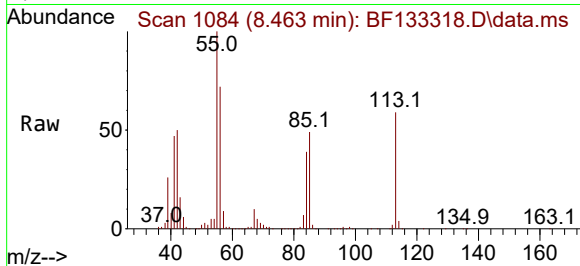




#35
 Caprolactam
 Concen: 39.090 ng
 RT: 8.463 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

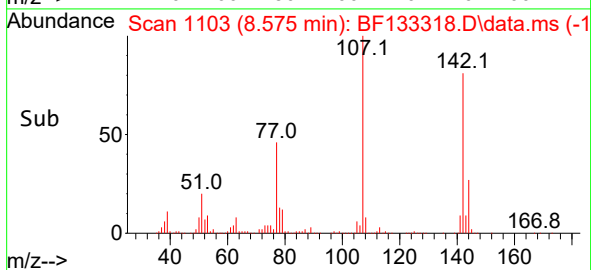
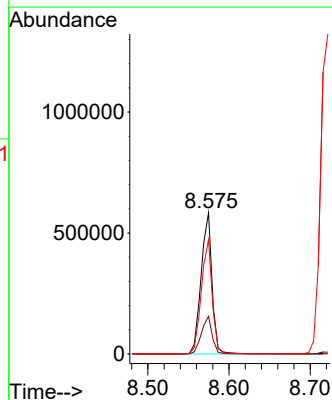
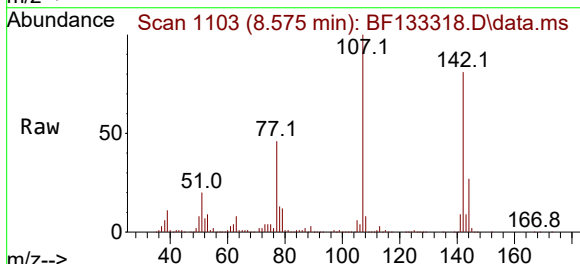
Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02MSD

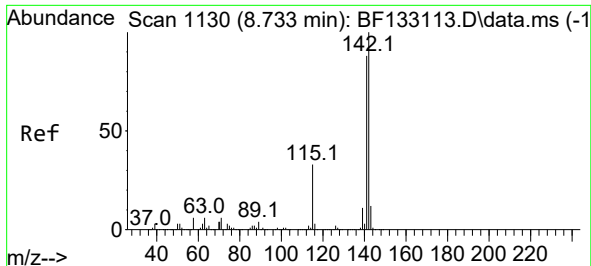
Tgt Ion:113 Resp: 136771
 Ion Ratio Lower Upper
 113 100
 55 168.4 167.1 207.1
 56 120.9 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.659 ng
 RT: 8.575 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

Tgt Ion:107 Resp: 546505
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.6 30.8
 142 80.7 62.8 94.2

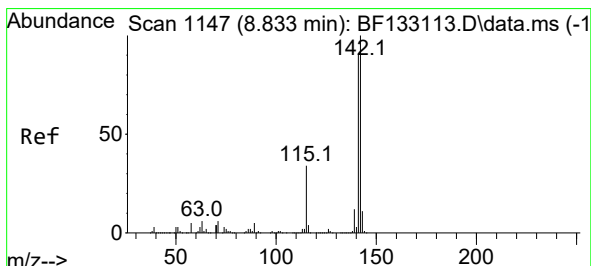
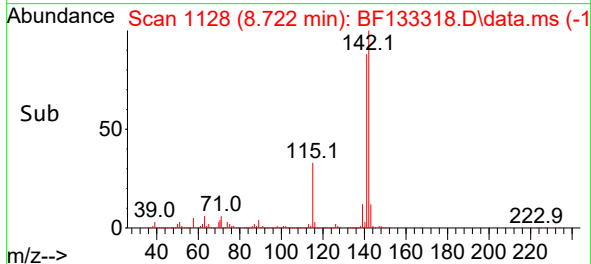
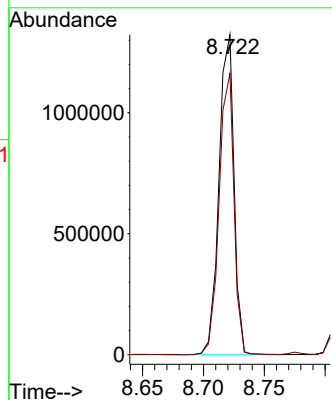
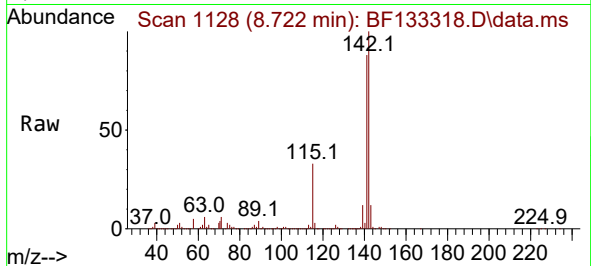




#37
2-Methylnaphthalene
Concen: 45.197 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

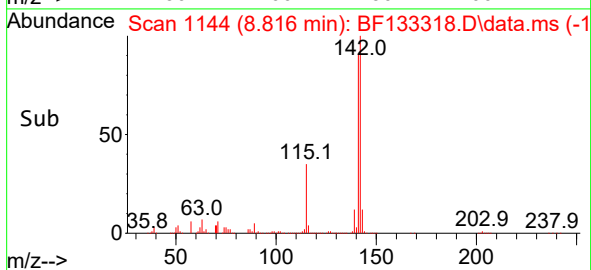
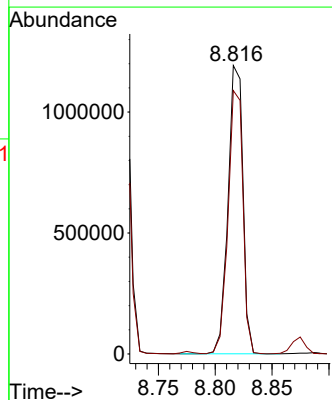
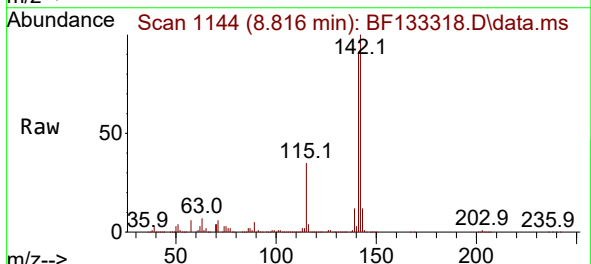
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

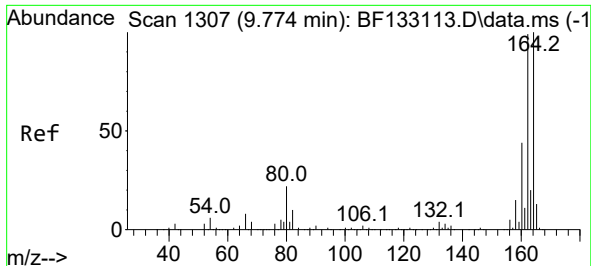
Tgt Ion:142 Resp: 1138375
Ion Ratio Lower Upper
142 100
141 88.0 69.4 104.0



#38
1-Methylnaphthalene
Concen: 46.132 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:142 Resp: 1086943
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7

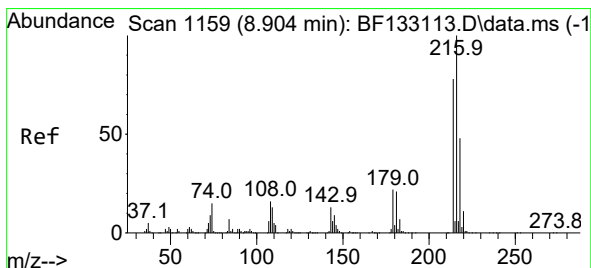
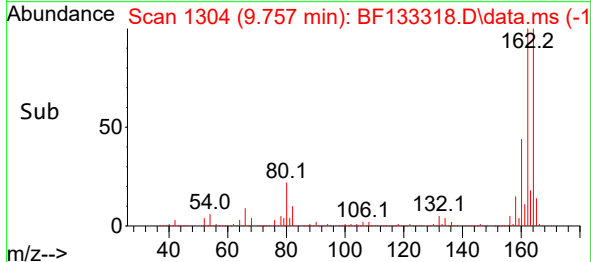
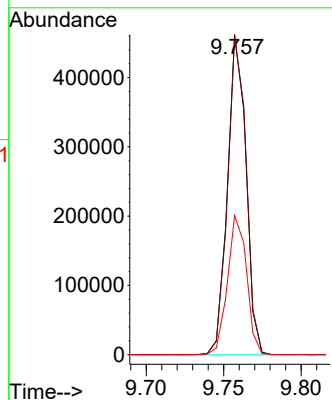
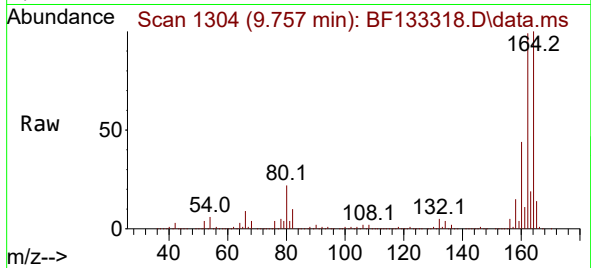




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

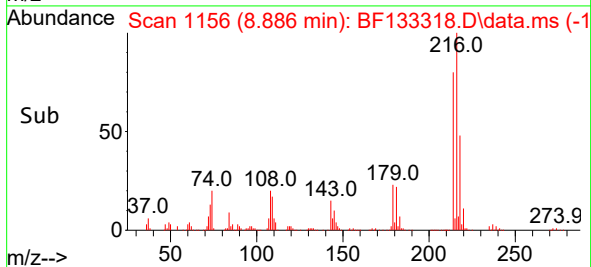
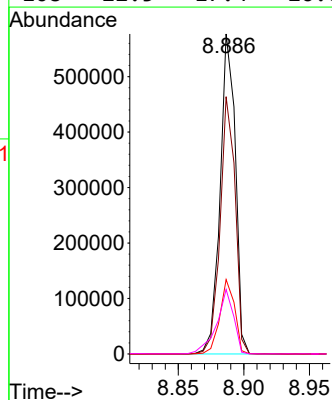
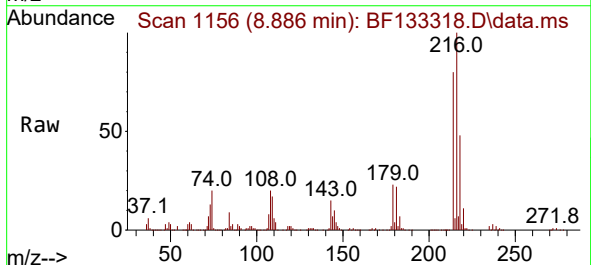
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BNA_F
ClientSampleId :
TR-612-COMP-02MSD

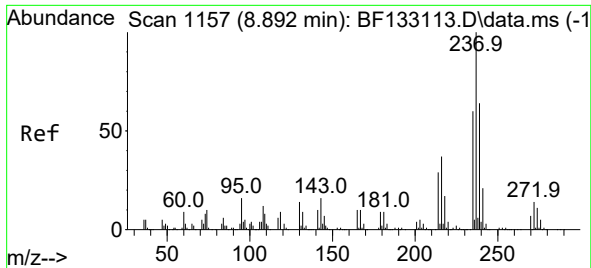
Tgt Ion:164 Resp: 382676
Ion Ratio Lower Upper
164 100
162 99.5 78.7 118.1
160 43.5 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.120 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:216 Resp: 464243
Ion Ratio Lower Upper
216 100
214 79.2 63.5 95.3
179 22.7 17.4 26.2
108 22.5 17.4 26.0

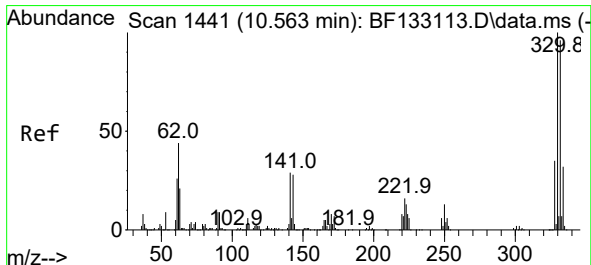
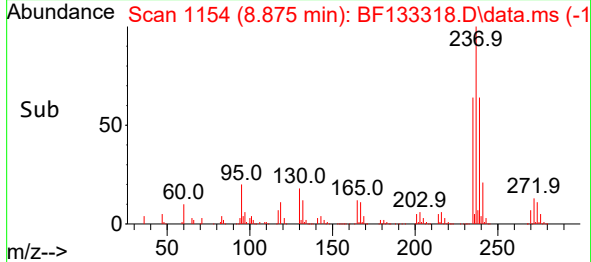
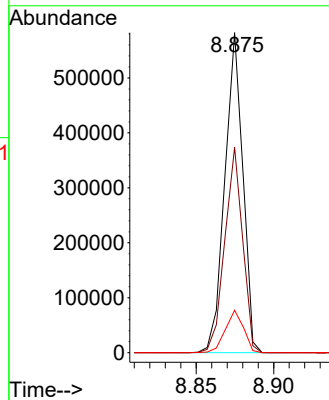
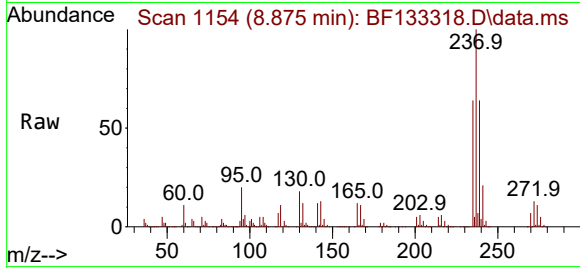




#41
Hexachlorocyclopentadiene
Concen: 78.454 ng
RT: 8.875 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

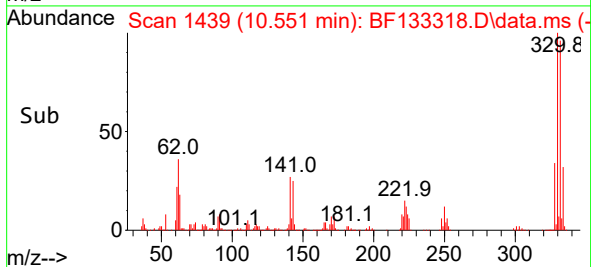
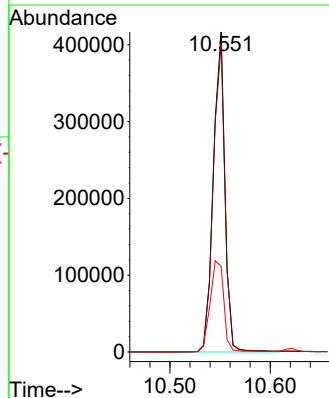
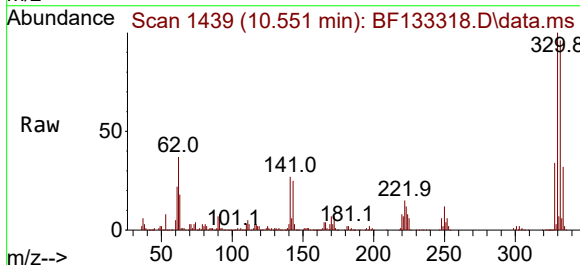
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BNA_F
ClientSampleId :
TR-612-COMP-02MSD

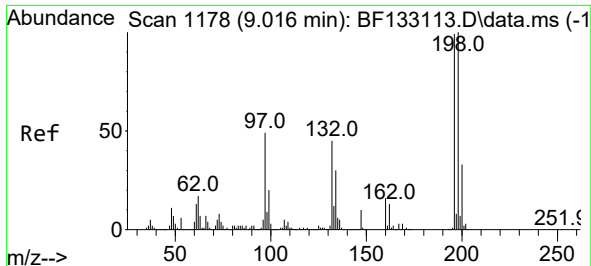
Tgt Ion: 237 Resp: 470773
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 13.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 87.216 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 330 Resp: 335656
Ion Ratio Lower Upper
330 100
332 98.3 77.1 115.7
141 33.6 25.8 38.8

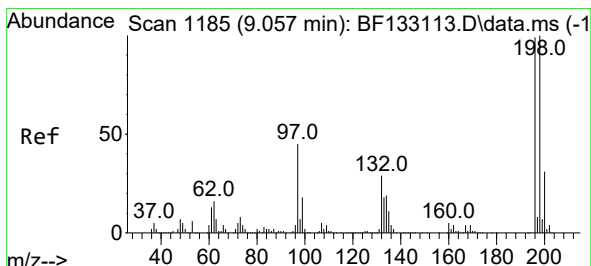
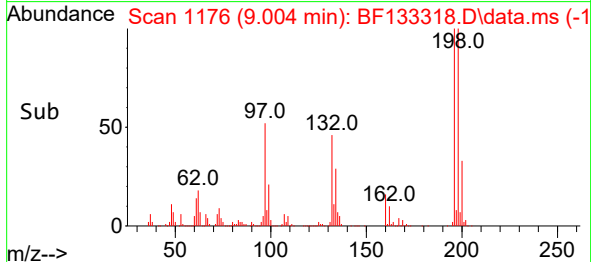
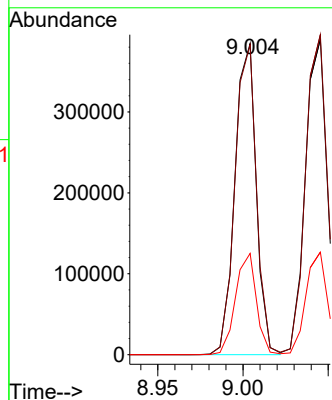
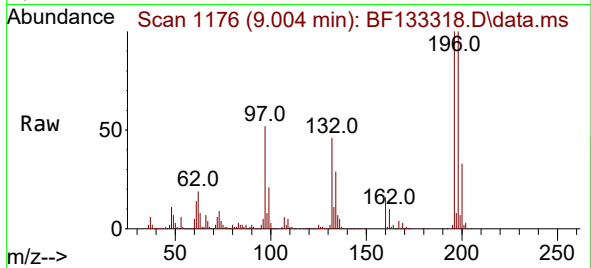




#43
2,4,6-Trichlorophenol
Concen: 47.008 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

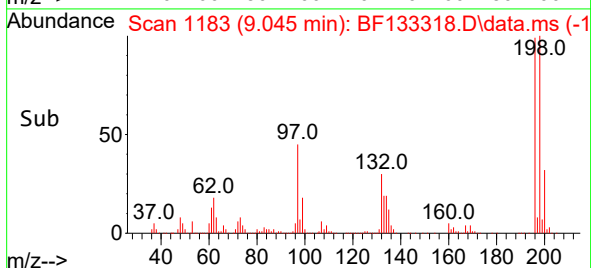
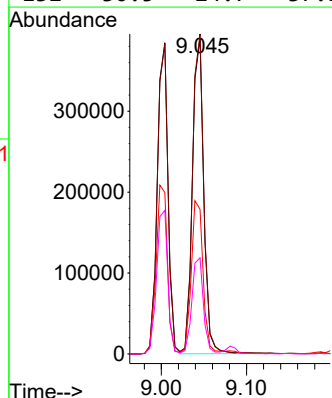
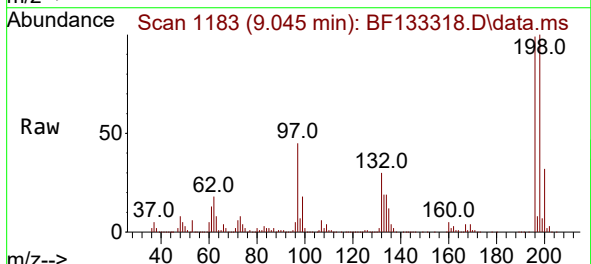
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

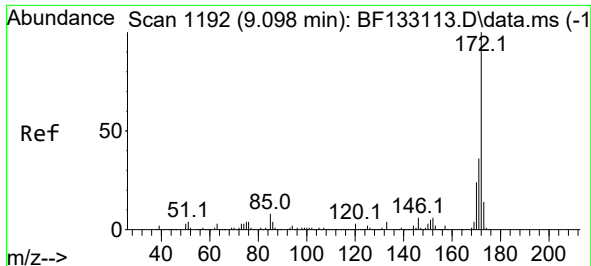
Tgt Ion:196 Resp: 334494
Ion Ratio Lower Upper
196 100
198 99.6 81.0 121.6
200 32.6 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 43.791 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:196 Resp: 360373
Ion Ratio Lower Upper
196 100
198 101.4 80.9 121.3
97 45.8 41.3 61.9
132 30.5 24.7 37.1

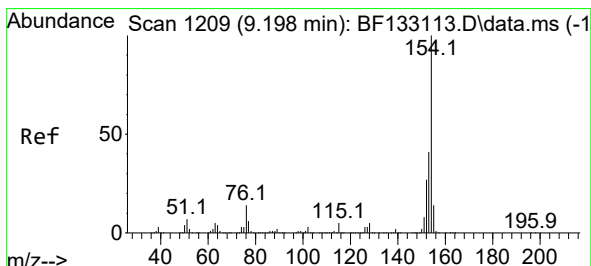
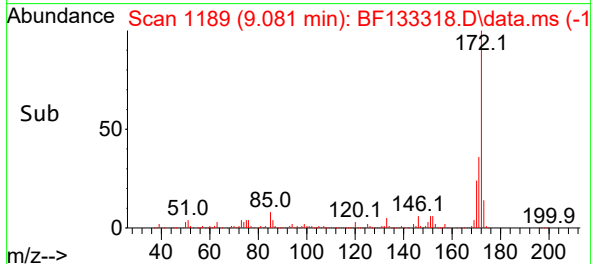
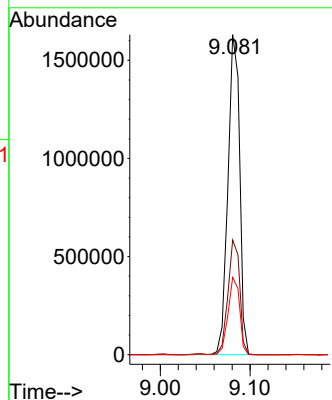
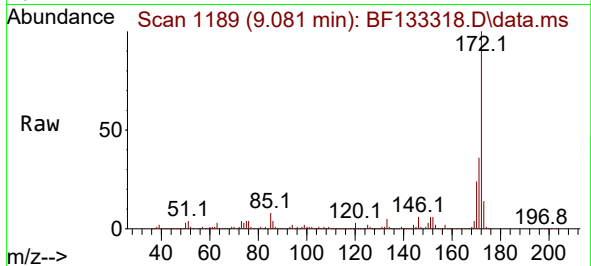




#45
2-Fluorobiphenyl
Concen: 64.665 ng
RT: 9.081 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

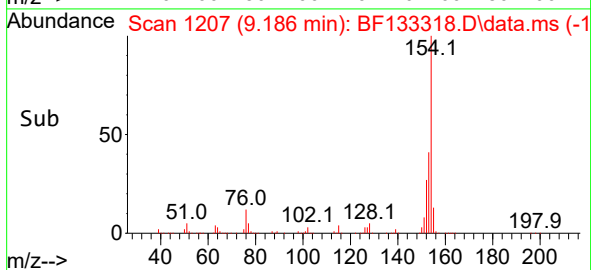
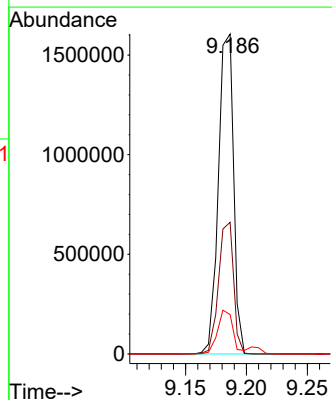
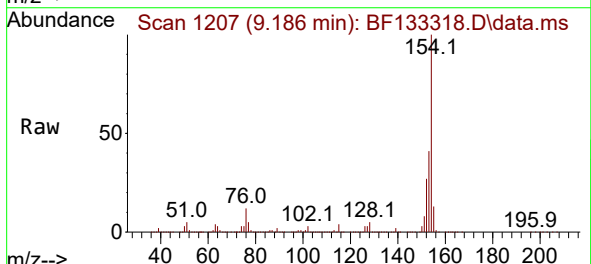
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

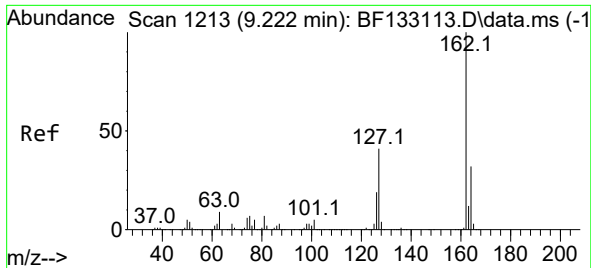
Tgt Ion:172 Resp: 1479135
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 45.962 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:154 Resp: 1394694
Ion Ratio Lower Upper
154 100
153 41.2 21.0 61.0
76 12.3 0.0 34.5

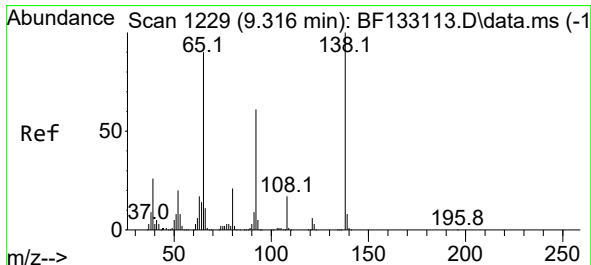
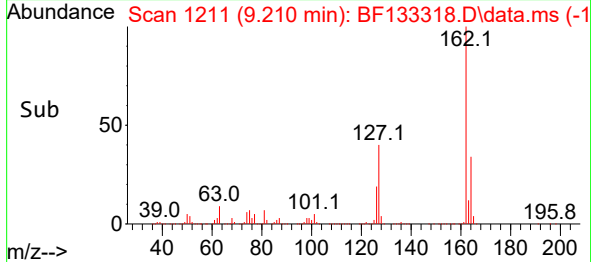
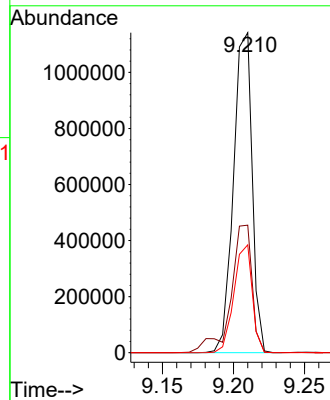
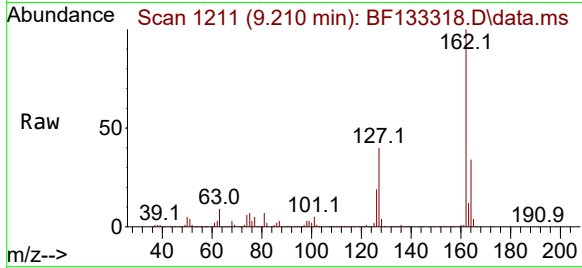




#47
2-Chloronaphthalene
Concen: 47.175 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

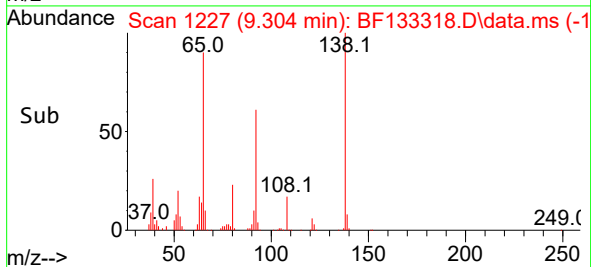
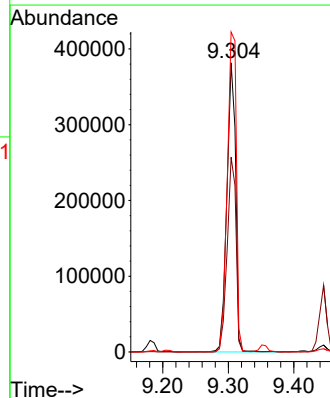
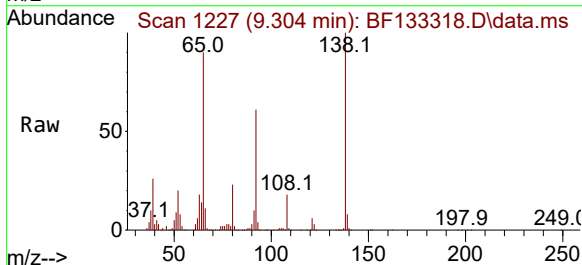
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

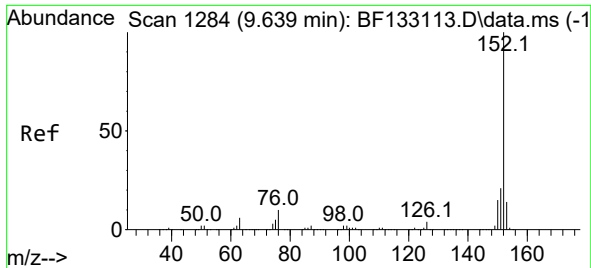
Tgt Ion:162 Resp: 1047755
Ion Ratio Lower Upper
162 100
127 39.9 32.3 48.5
164 33.7 26.8 40.2



#48
2-Nitroaniline
Concen: 47.940 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion: 65 Resp: 351897
Ion Ratio Lower Upper
65 100
92 67.3 55.4 83.0
138 110.7 98.2 147.2

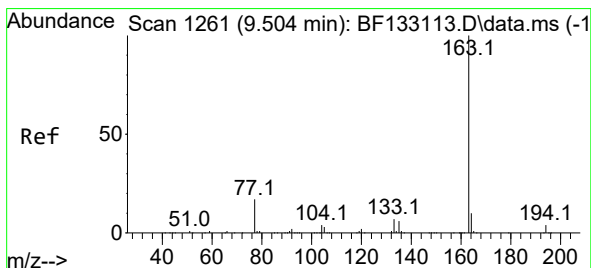
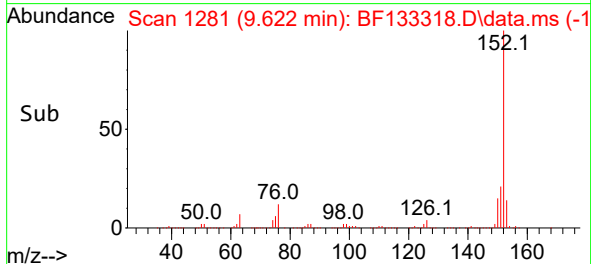
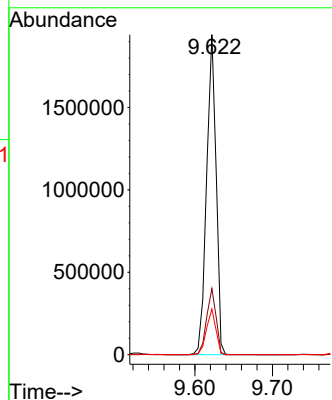
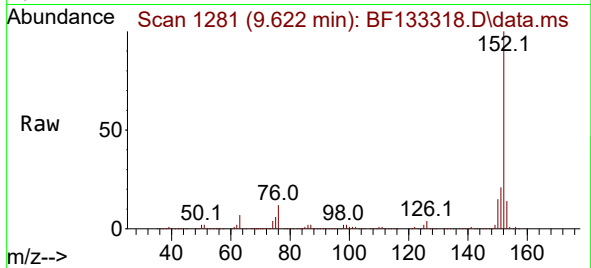




#49
Acenaphthylene
Concen: 46.518 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

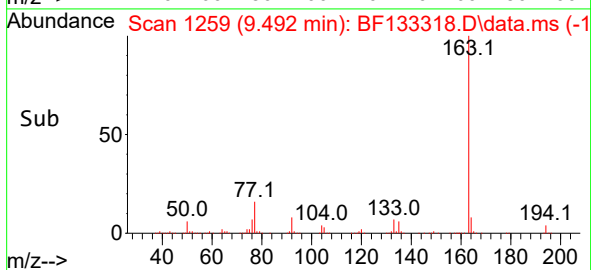
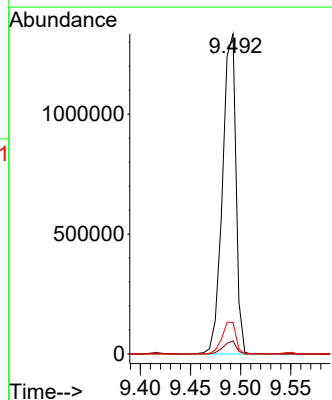
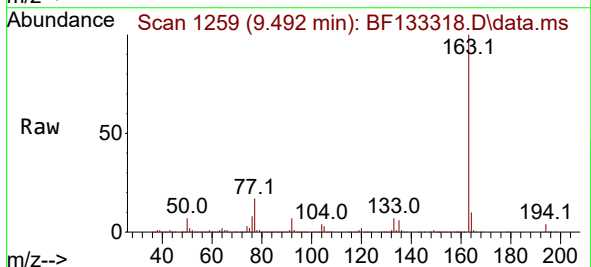
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

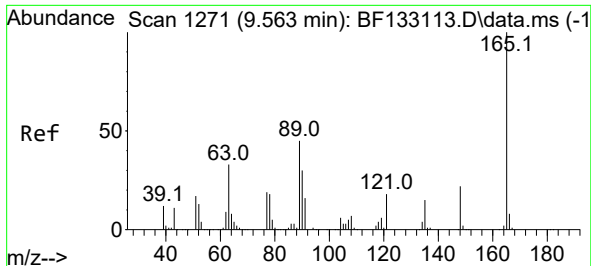
Tgt Ion:152 Resp: 1650837
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.2 11.5 17.3



#50
Dimethylphthalate
Concen: 46.652 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:163 Resp: 1244817
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 48.154 ng

RT: 9.551 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

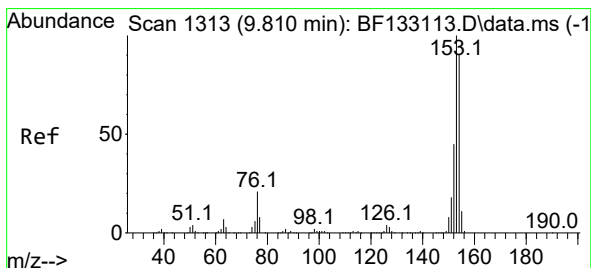
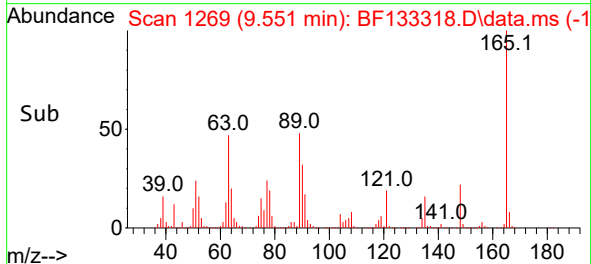
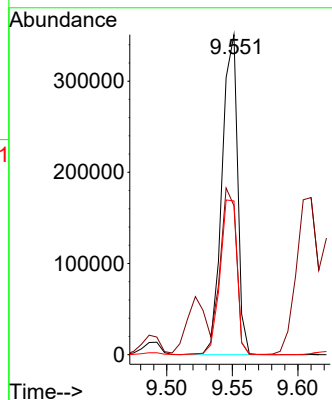
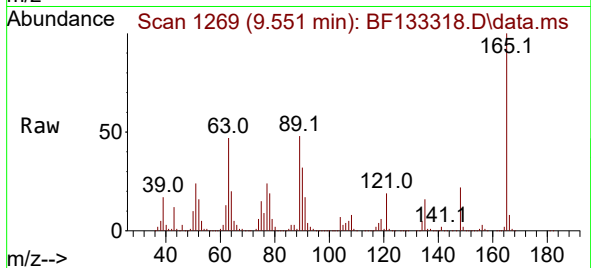
Tgt Ion:165 Resp: 289199

Ion Ratio Lower Upper

165 100

63 46.6 45.9 68.9

89 48.0 44.0 66.0



#52

Acenaphthene

Concen: 43.066 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

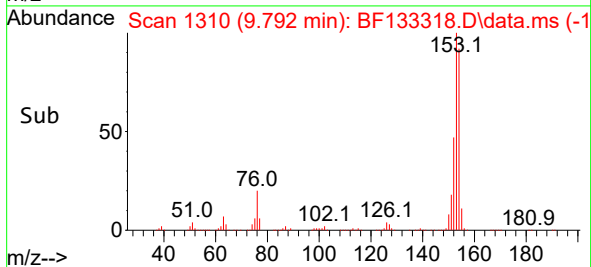
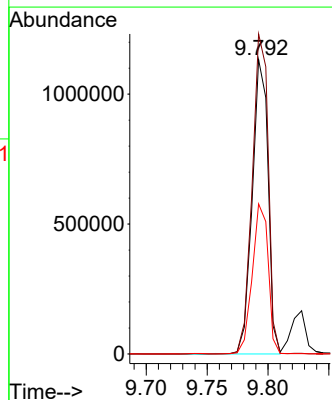
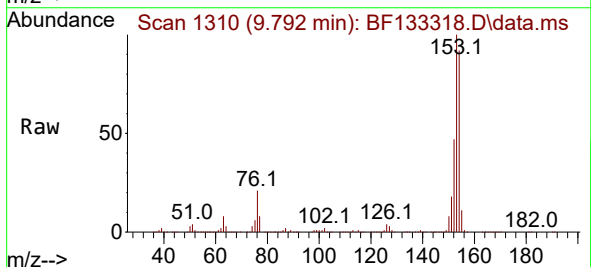
Tgt Ion:154 Resp: 1023610

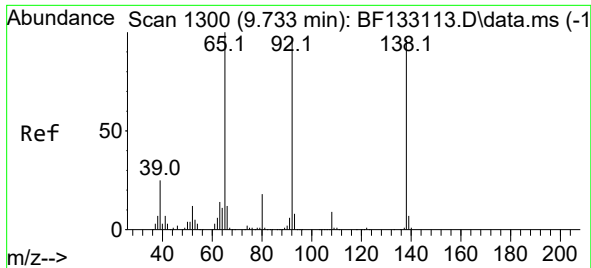
Ion Ratio Lower Upper

154 100

153 108.7 89.0 133.6

152 51.0 40.4 60.6

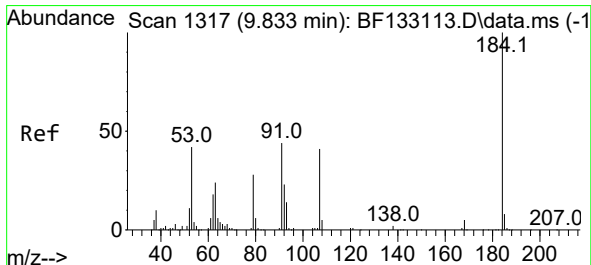
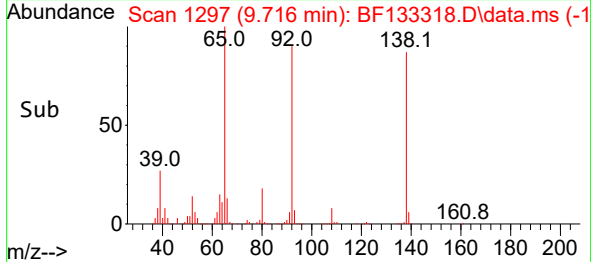
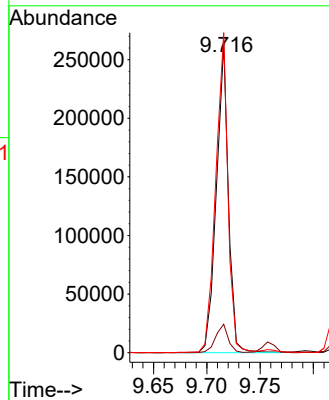
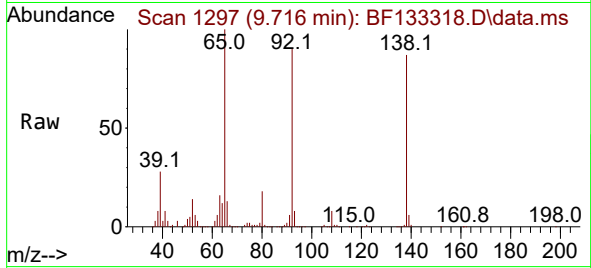




#53
3-Nitroaniline
Concen: 29.096 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

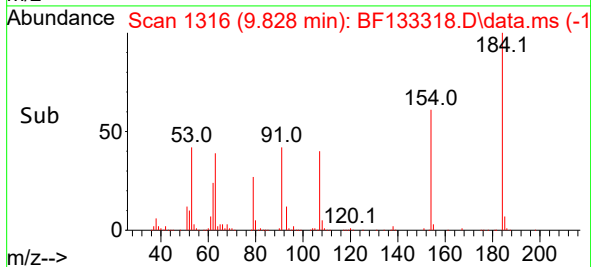
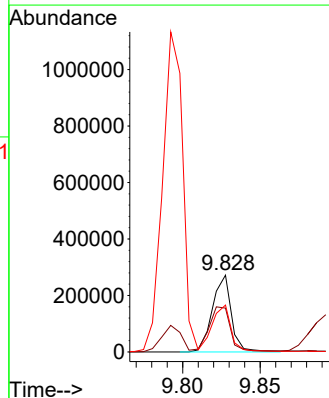
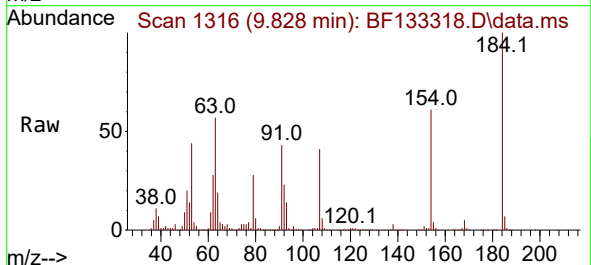
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

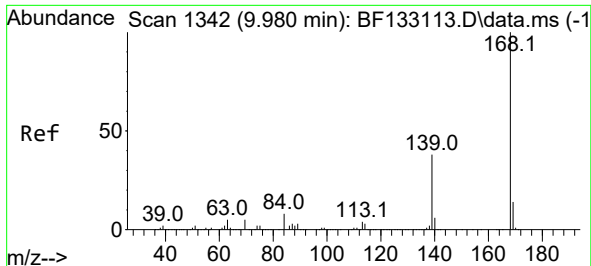
Tgt Ion:138 Resp: 207770
Ion Ratio Lower Upper
138 100
108 9.2 8.0 12.0
92 103.5 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 77.224 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:184 Resp: 233120
Ion Ratio Lower Upper
184 100
63 57.2 49.8 74.8
154 61.1 49.5 74.3

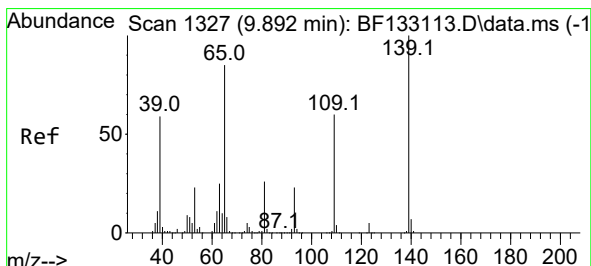
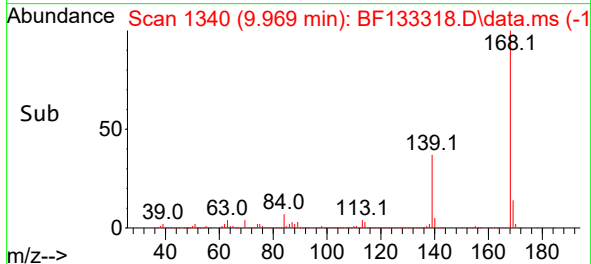
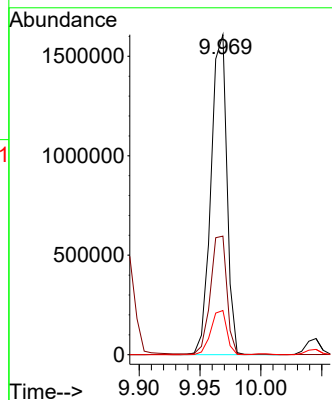
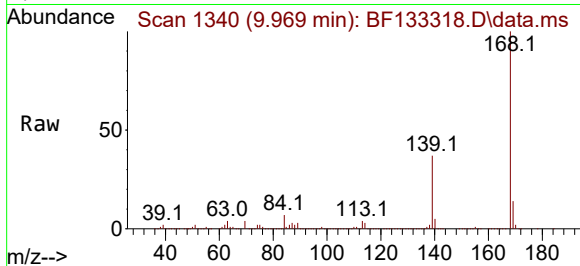




#55
Dibenzenofuran
Concen: 44.918 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

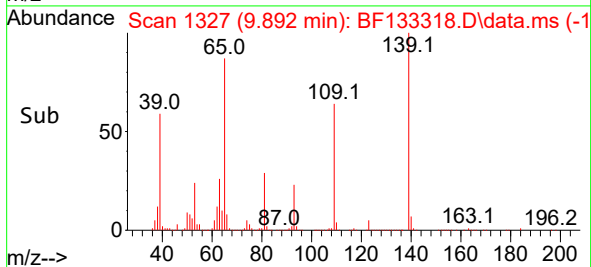
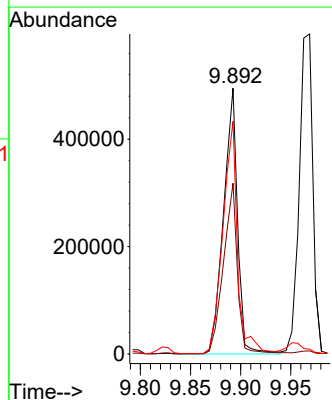
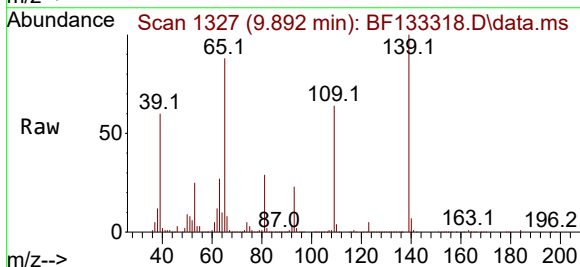
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

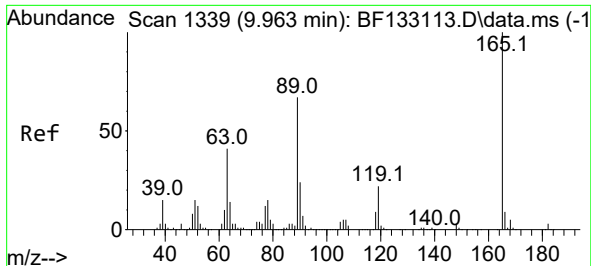
Tgt Ion:168 Resp: 1456344
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.8
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 87.081 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:139 Resp: 481625
Ion Ratio Lower Upper
139 100
109 64.2 39.4 79.4
65 87.5 57.5 97.5

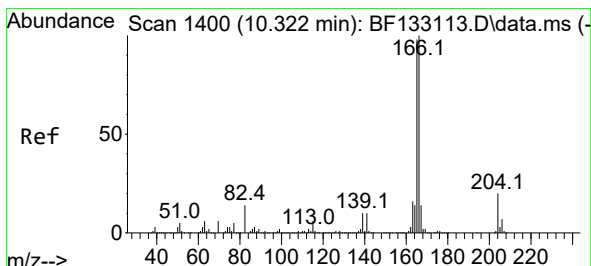
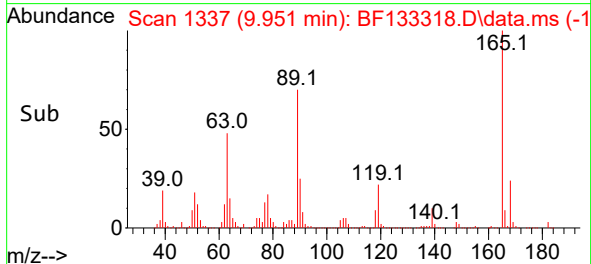
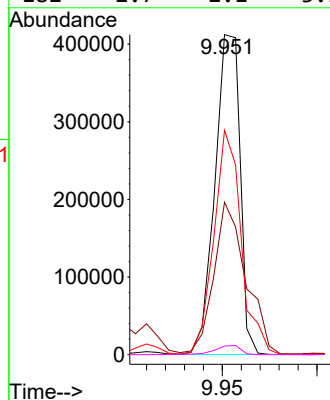
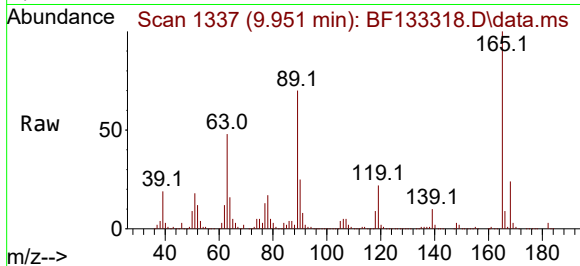




#57
2,4-Dinitrotoluene
Concen: 49.894 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

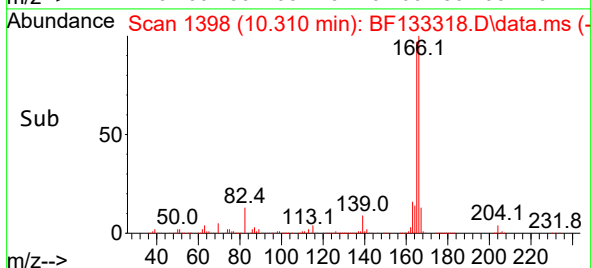
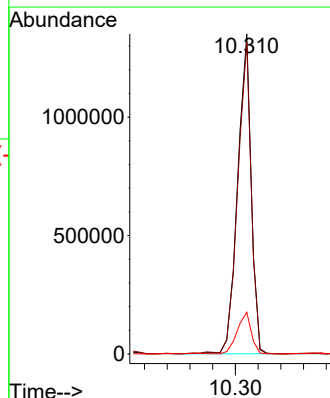
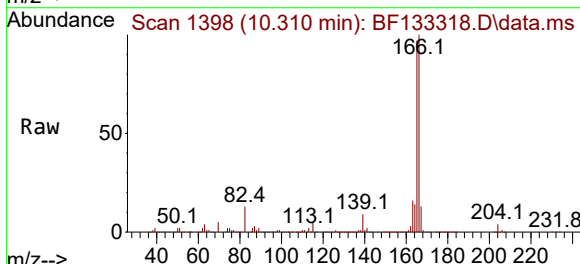
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

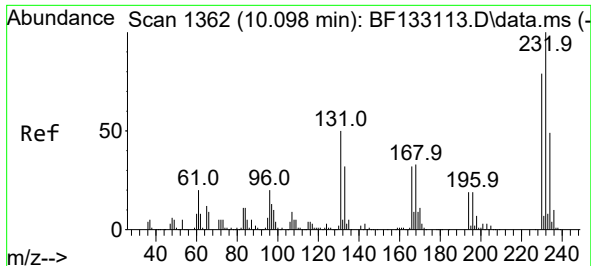
Tgt Ion:165 Resp: 382138
Ion Ratio Lower Upper
165 100
63 47.6 37.7 56.5
89 70.1 57.0 85.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.883 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:166 Resp: 1113664
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.0 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.073 ng

RT: 10.086 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

Tgt Ion:232 Resp: 293942

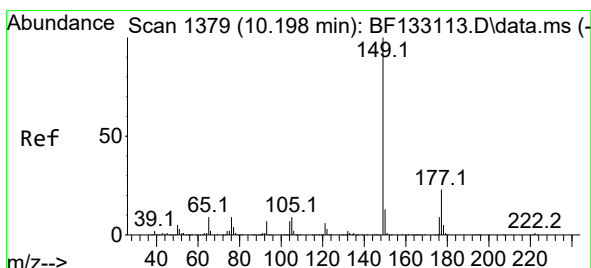
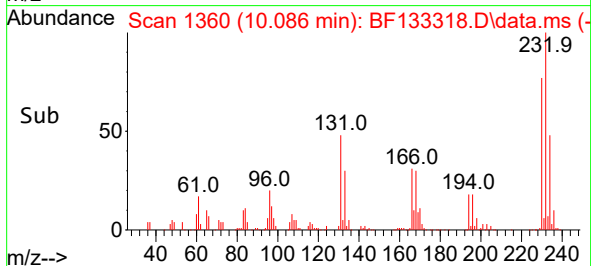
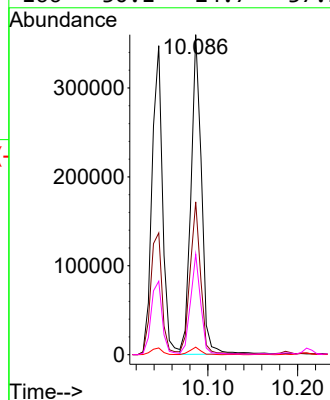
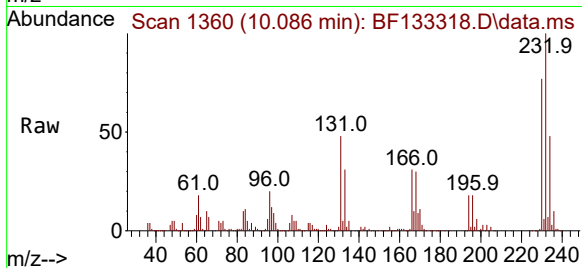
Ion Ratio Lower Upper

232 100

131 47.6 38.0 57.0

130 2.4 1.8 2.8

166 30.1 24.7 37.1



#60

Diethylphthalate

Concen: 46.405 ng

RT: 10.186 min Scan# 1377

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

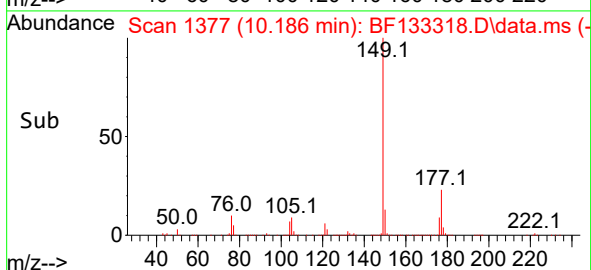
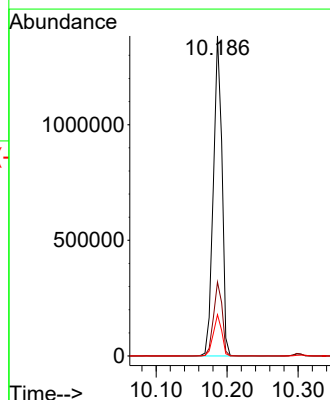
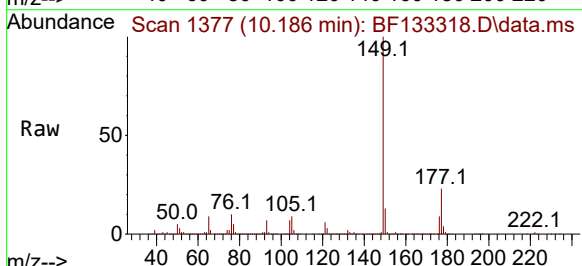
Tgt Ion:149 Resp: 1169588

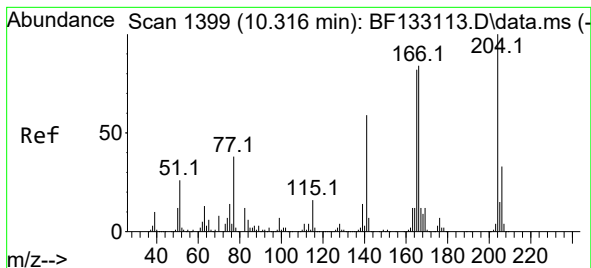
Ion Ratio Lower Upper

149 100

177 23.1 18.2 27.4

150 12.9 10.2 15.4

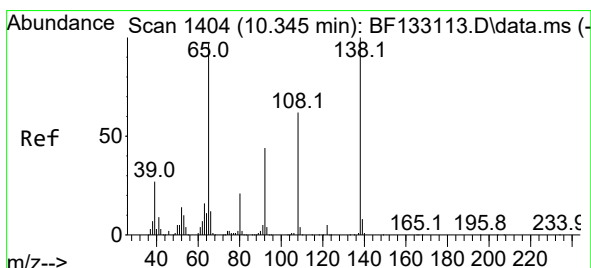
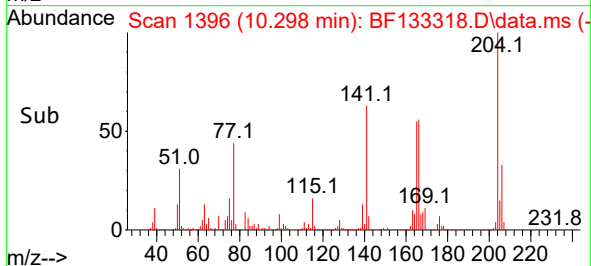
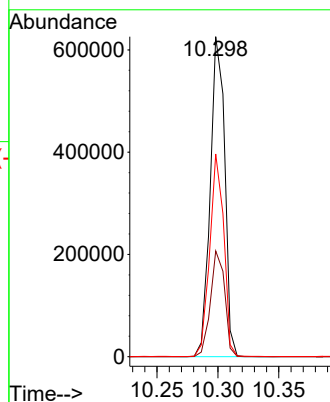
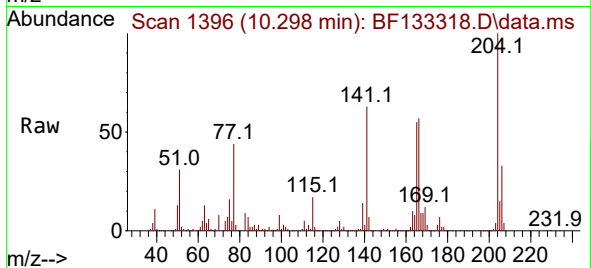




#61
4-Chlorophenyl-phenylether
Concen: 44.452 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

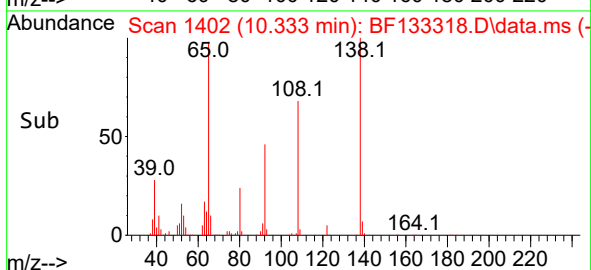
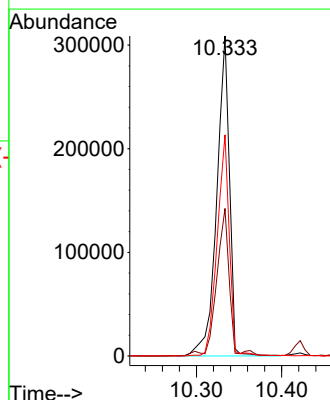
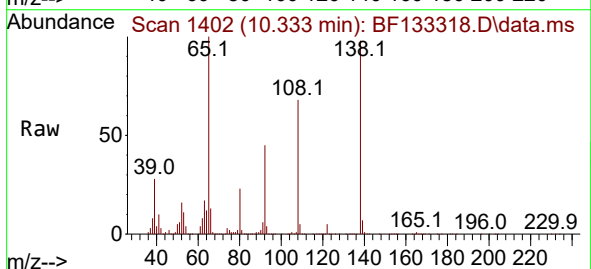
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

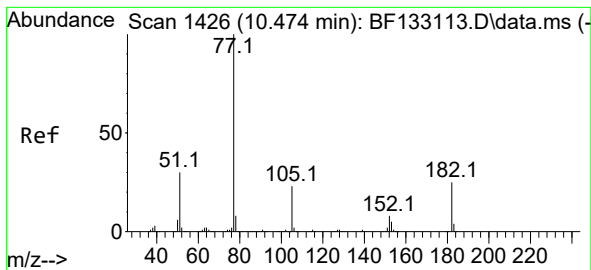
Tgt Ion:204 Resp: 514565
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 63.4 46.1 69.1



#62
4-Nitroaniline
Concen: 48.815 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:138 Resp: 320382
Ion Ratio Lower Upper
138 100
92 46.1 27.7 67.7
108 69.1 45.2 85.2





#63

Azobenzene

Concen: 49.688 ng

RT: 10.463 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

Tgt Ion: 77 Resp: 1326651

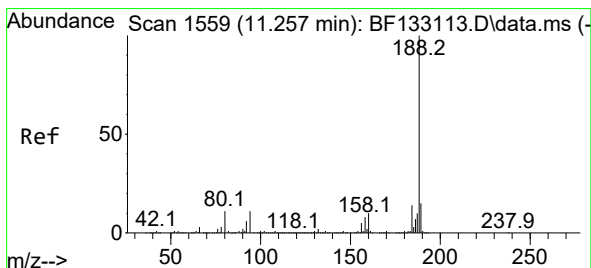
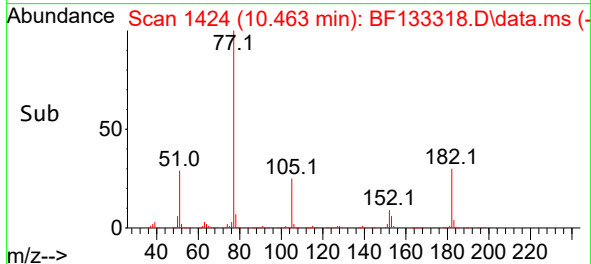
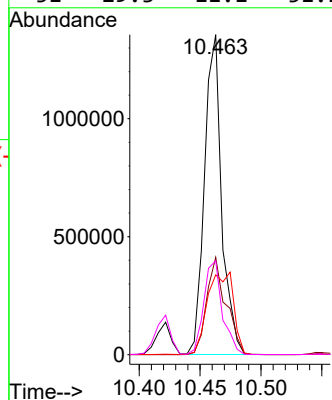
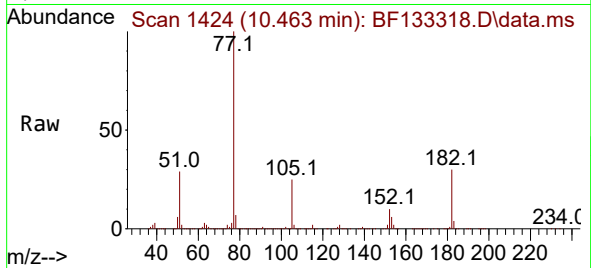
Ion Ratio Lower Upper

77 100

182 30.4 5.9 45.9

105 25.0 2.3 42.3

51 29.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

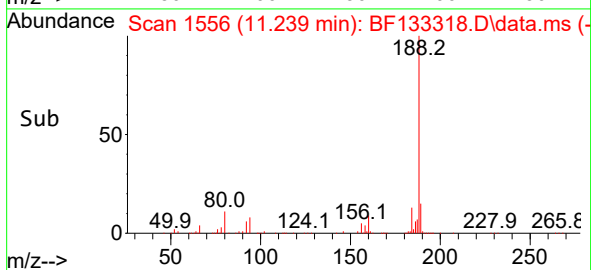
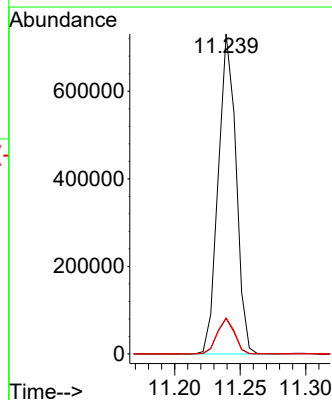
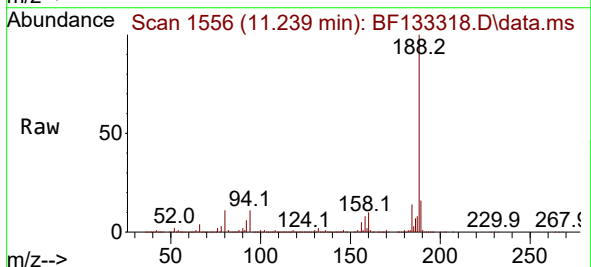
Tgt Ion:188 Resp: 689320

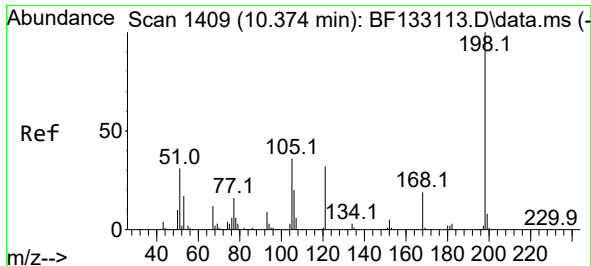
Ion Ratio Lower Upper

188 100

94 11.0 9.7 14.5

80 11.3 10.4 15.6

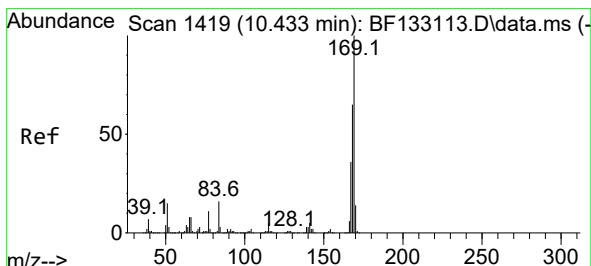
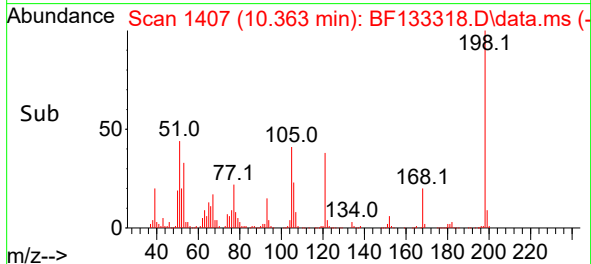
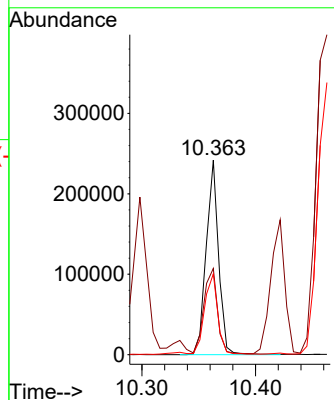
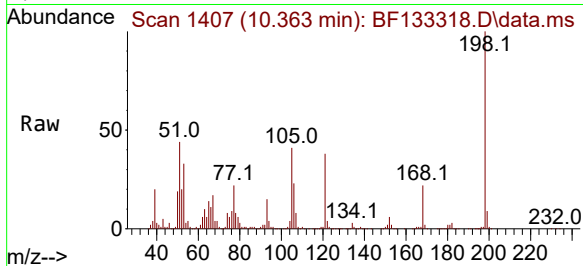




#65
4,6-Dinitro-2-methylphenol
Concen: 43.664 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

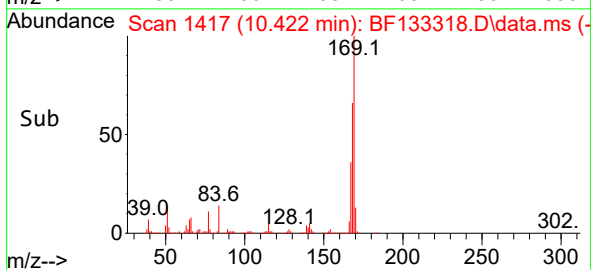
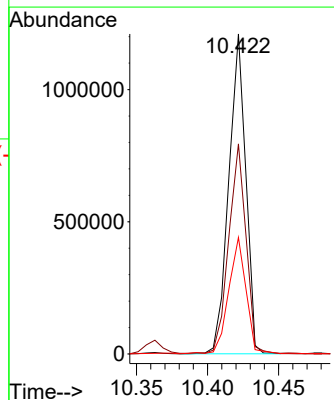
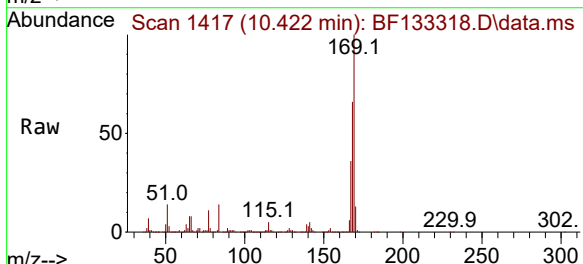
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

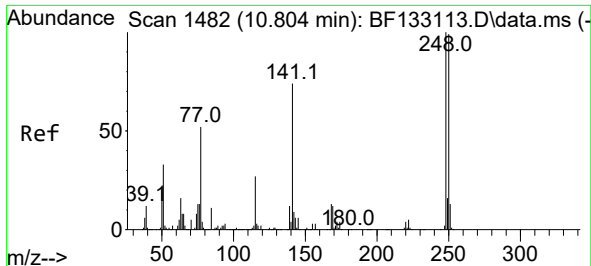
Tgt Ion:198 Resp: 182433
Ion Ratio Lower Upper
198 100
51 44.3 15.5 55.5
105 41.5 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 45.039 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:169 Resp: 1007065
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.8
167 36.4 29.7 44.5

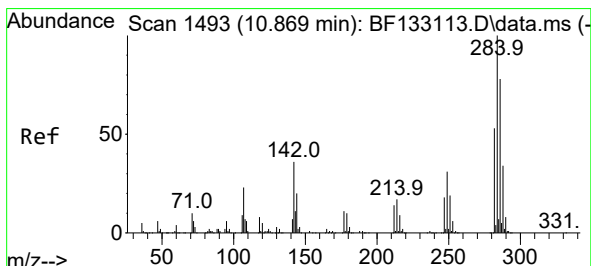
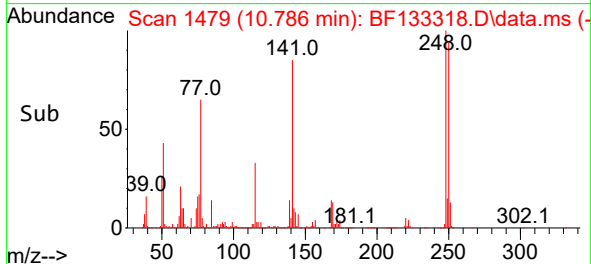
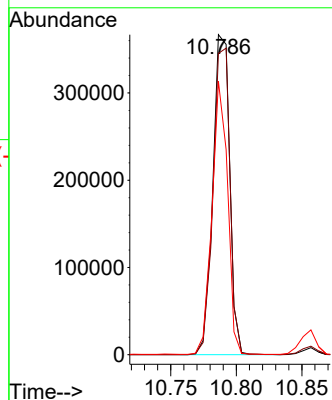
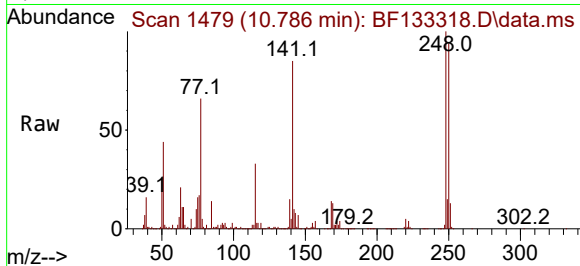




#67
4-Bromophenyl-phenylether
Concen: 43.810 ng
RT: 10.786 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

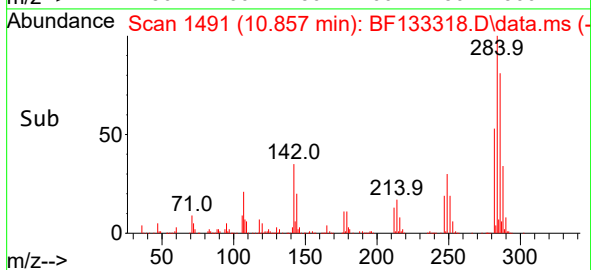
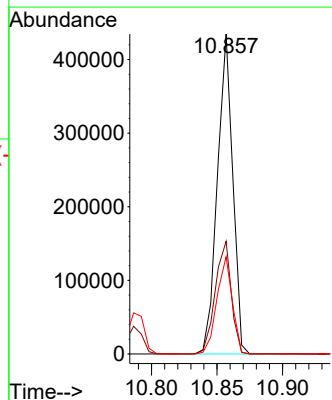
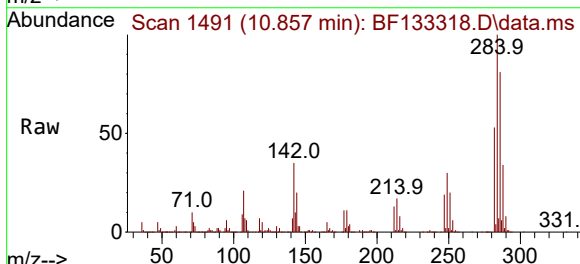
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

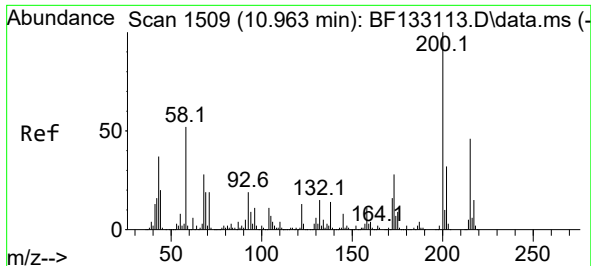
Tgt Ion:248 Resp: 327526
Ion Ratio Lower Upper
248 100
250 94.2 78.7 118.1
141 85.4 56.3 84.5#



#68
Hexachlorobenzene
Concen: 46.063 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:284 Resp: 352874
Ion Ratio Lower Upper
284 100
142 35.2 26.0 39.0
249 30.4 23.7 35.5

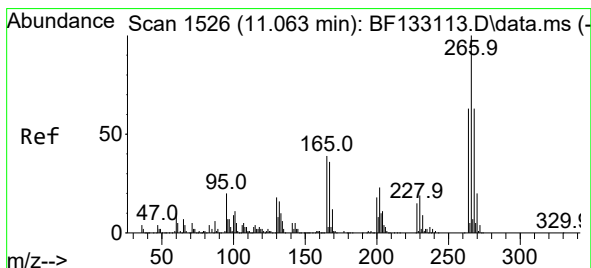
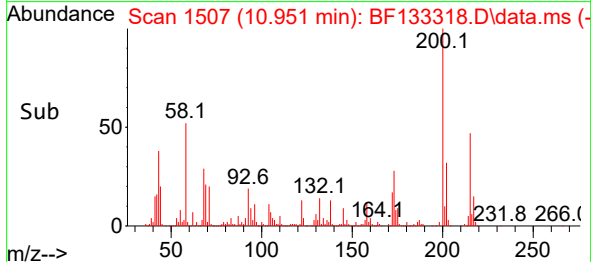
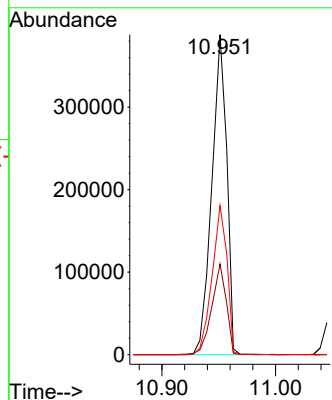
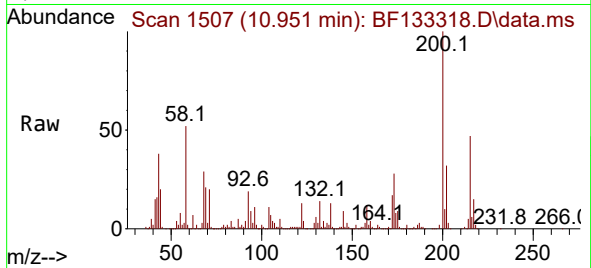




#69
 Atrazine
 Concen: 54.708 ng
 RT: 10.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

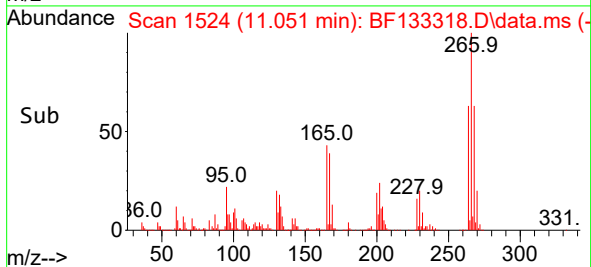
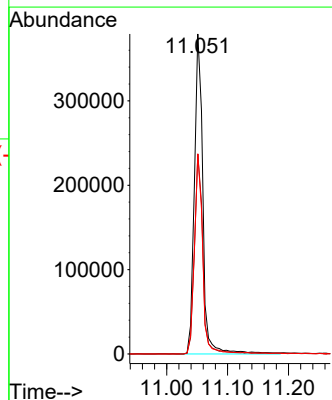
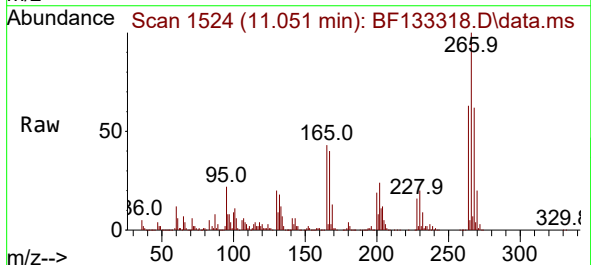
Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02MSD

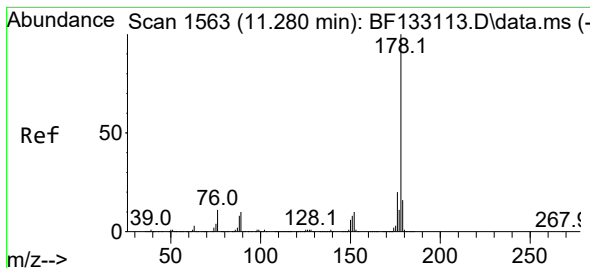
Tgt Ion:200 Resp: 352473
 Ion Ratio Lower Upper
 200 100
 173 28.3 6.2 46.2
 215 46.6 26.3 66.3



#70
 Pentachlorophenol
 Concen: 67.217 ng
 RT: 11.051 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

Tgt Ion:266 Resp: 366729
 Ion Ratio Lower Upper
 266 100
 268 62.5 48.8 73.2
 264 62.5 50.6 76.0





#71

Phenanthrene

Concen: 52.502 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

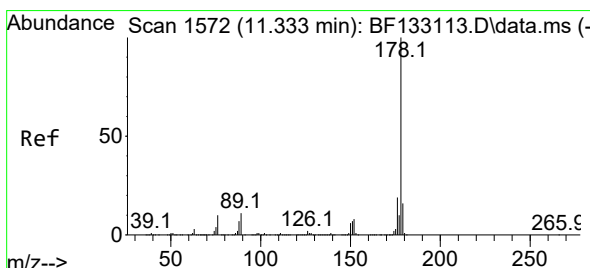
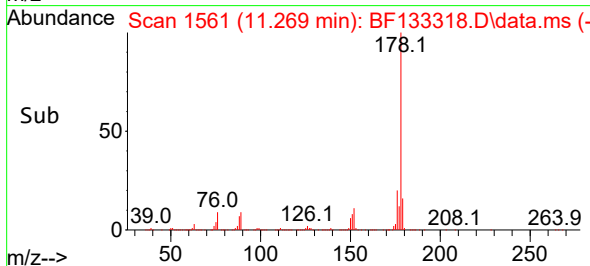
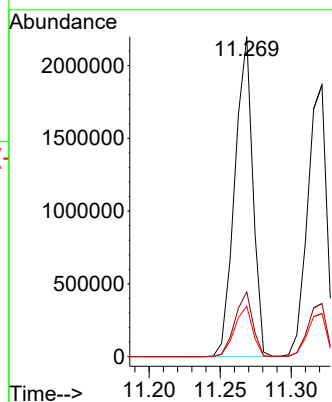
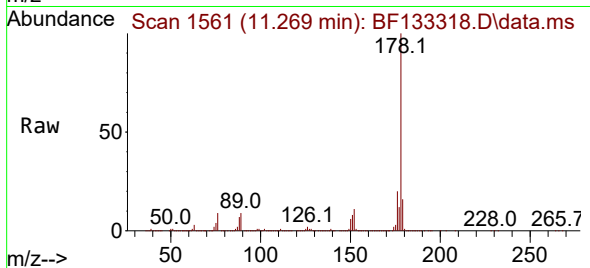
Tgt Ion:178 Resp: 1945160

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.7 12.5 18.7



#72

Anthracene

Concen: 45.870 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

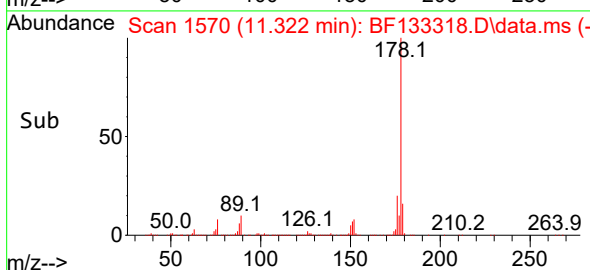
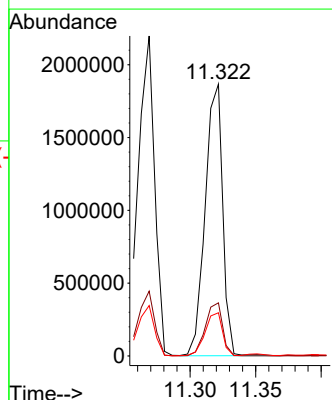
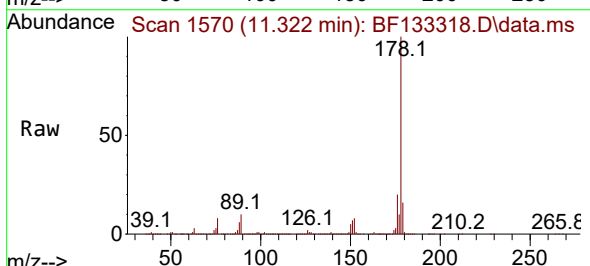
Tgt Ion:178 Resp: 1739187

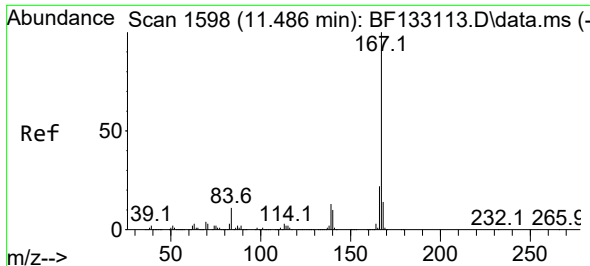
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.9 12.4 18.6

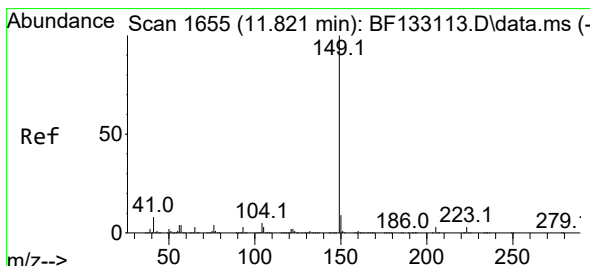
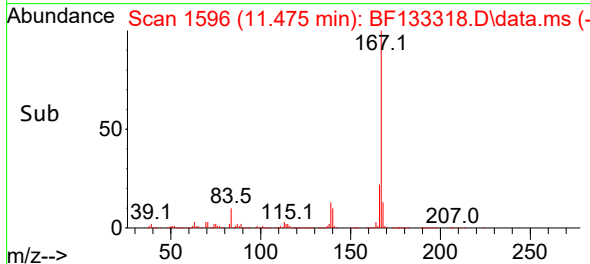
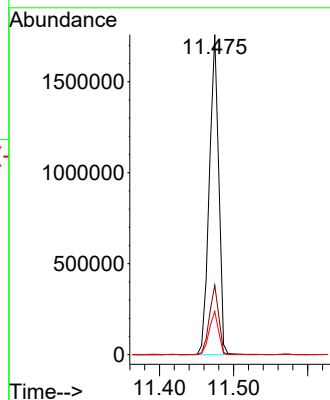
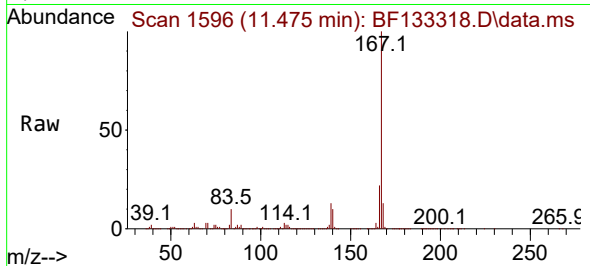




#73
Carbazole
Concen: 46.000 ng
RT: 11.475 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

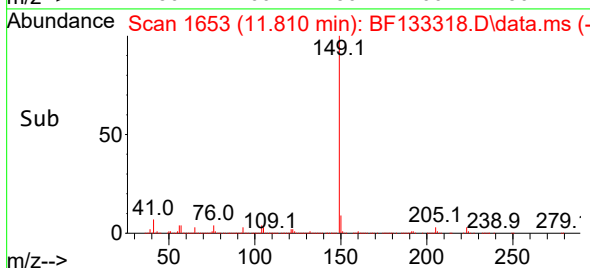
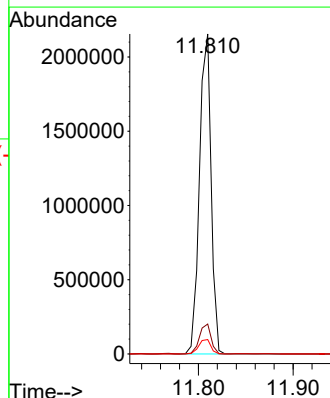
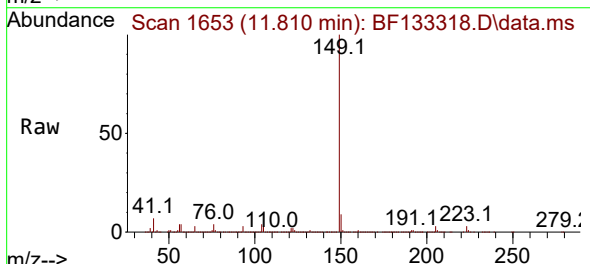
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

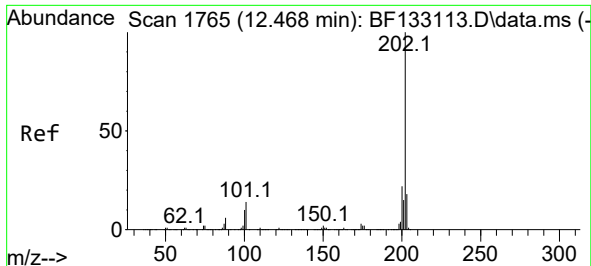
Tgt Ion:167 Resp: 1553009
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 13.5 10.6 16.0



#74
Di-n-butylphthalate
Concen: 48.183 ng
RT: 11.810 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:149 Resp: 1840869
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 4.5 4.0 6.0

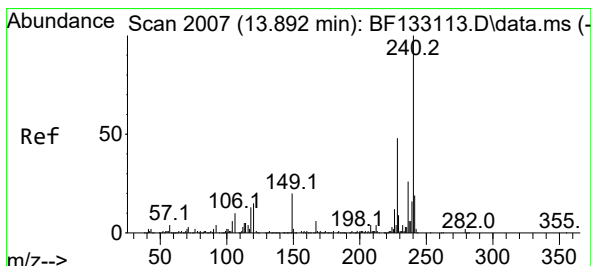
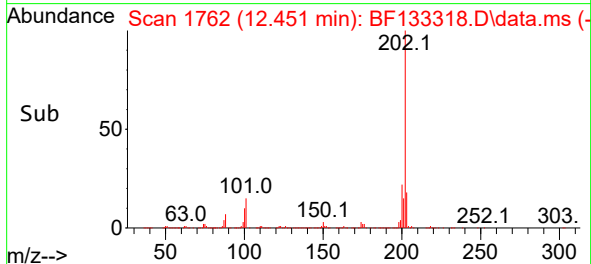
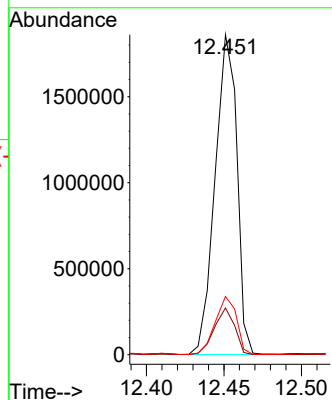
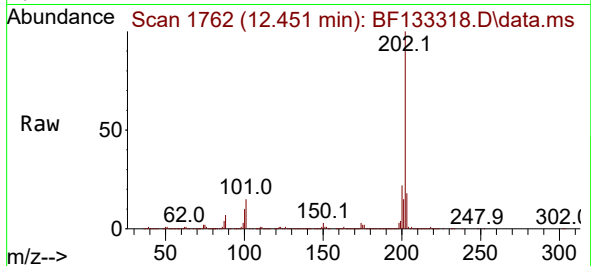




#75
Fluoranthene
Concen: 49.004 ng
RT: 12.451 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

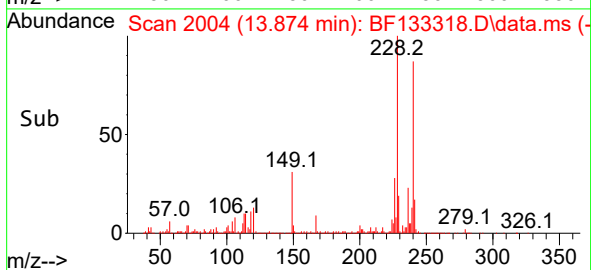
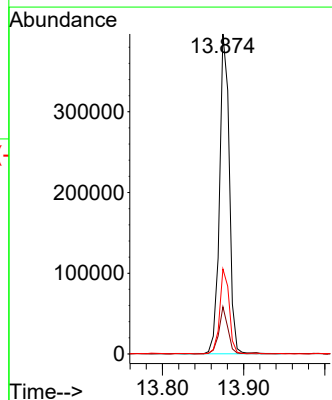
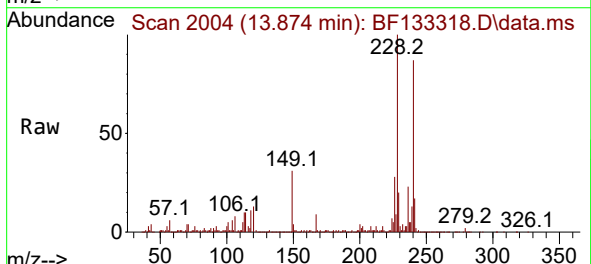
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

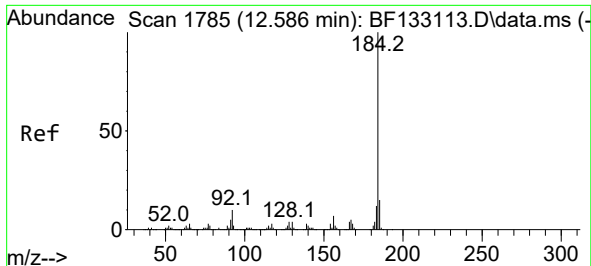
Tgt Ion:202 Resp: 1822088
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.3
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:240 Resp: 332290
Ion Ratio Lower Upper
240 100
120 14.7 10.5 15.7
236 26.6 21.5 32.3

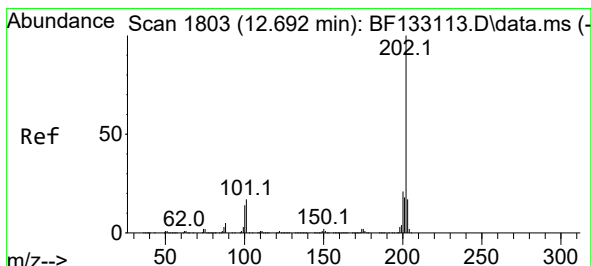
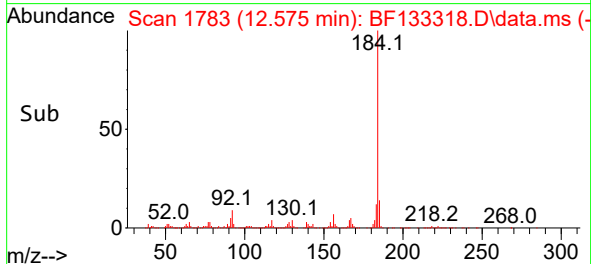
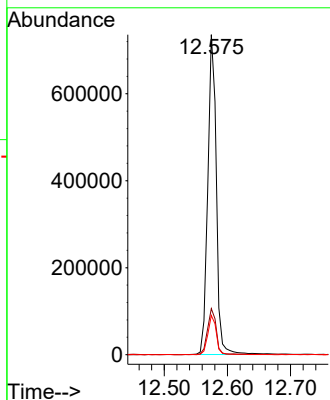
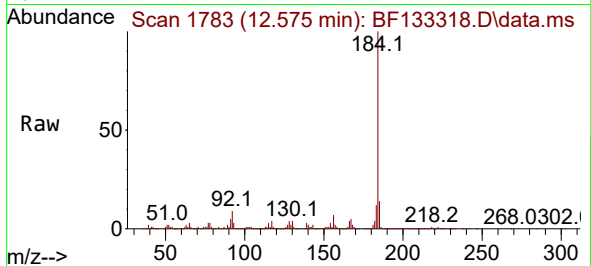




#77
Benzidine
Concen: 123.307 ng
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

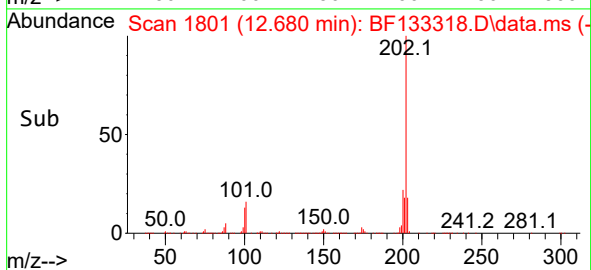
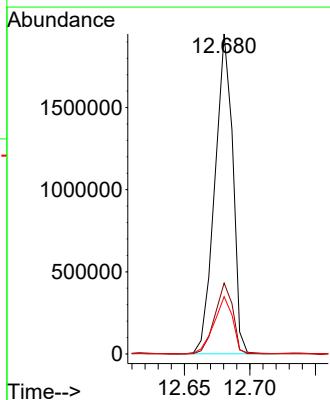
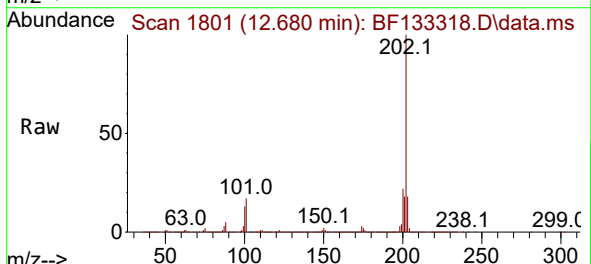
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

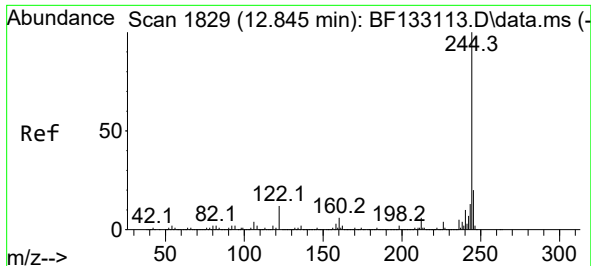
Tgt Ion:184 Resp: 692884
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2#
183 12.3 9.4 14.0



#78
Pyrene
Concen: 64.715 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:202 Resp: 1843408
Ion Ratio Lower Upper
202 100
200 22.2 17.1 25.7
203 17.9 14.1 21.1

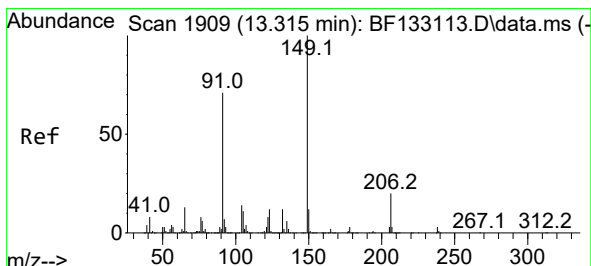
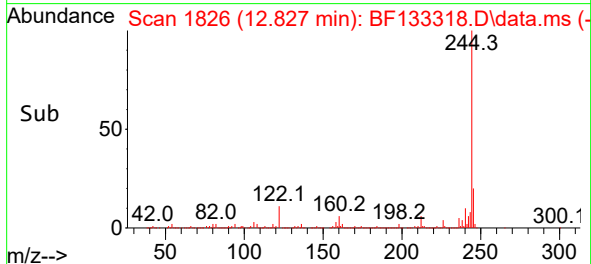
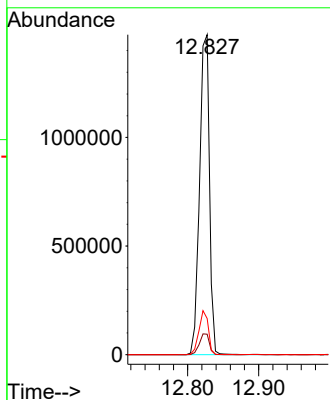
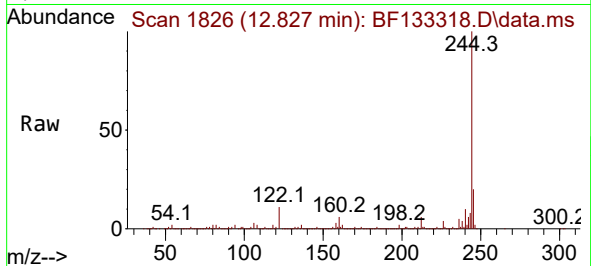




#79
 Terphenyl-d14
 Concen: 74.152 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

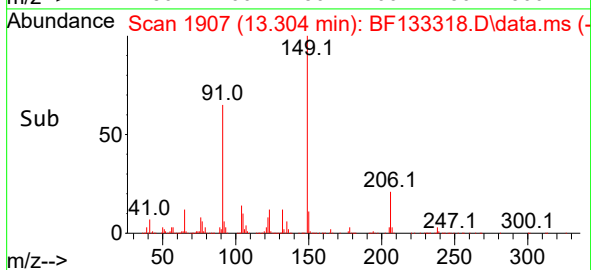
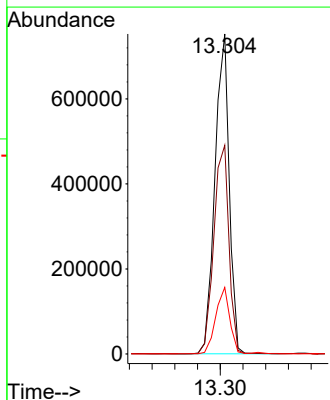
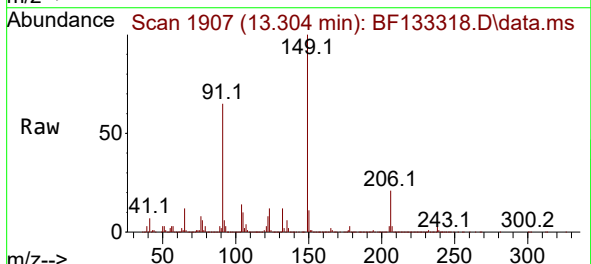
Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02MSD

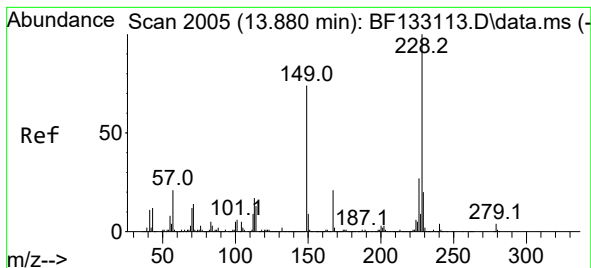
Tgt Ion:244 Resp: 1428672
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.3 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 65.094 ng
 RT: 13.304 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: BF133318.D
 Acq: 09 May 2023 15:35

Tgt Ion:149 Resp: 656523
 Ion Ratio Lower Upper
 149 100
 91 65.2 53.8 80.6
 206 20.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.942 ng

RT: 13.869 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

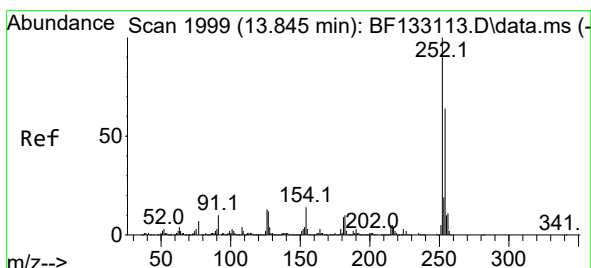
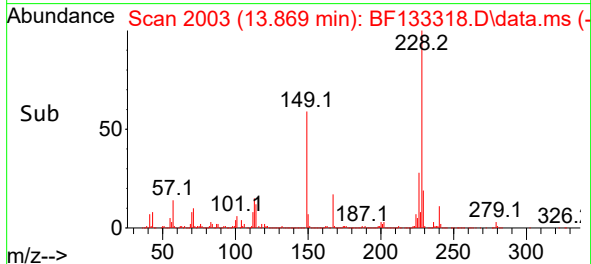
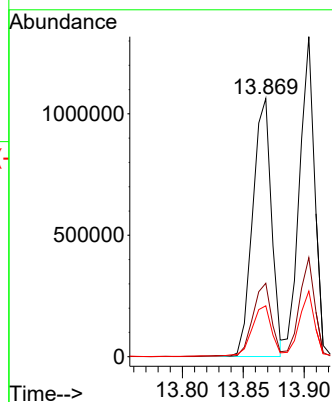
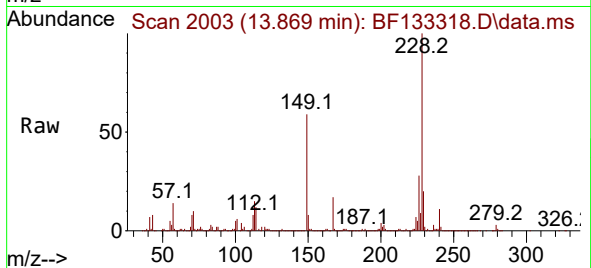
Tgt Ion:228 Resp: 1141196

Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.4

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 36.971 ng

RT: 13.827 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

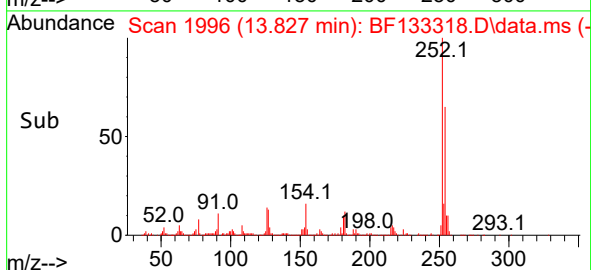
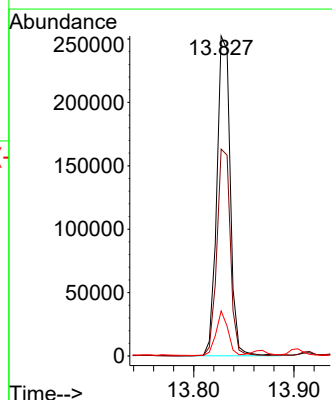
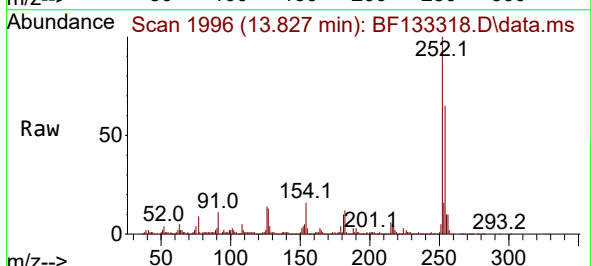
Tgt Ion:252 Resp: 233378

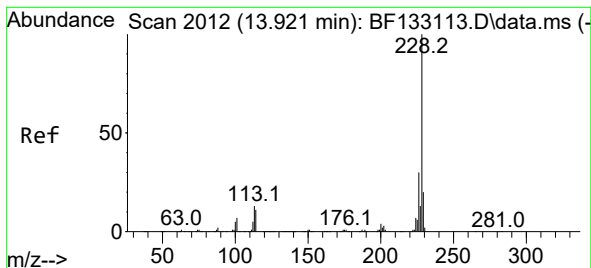
Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

126 14.1 9.5 14.3





#83

Chrysene

Concen: 50.079 ng

RT: 13.904 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

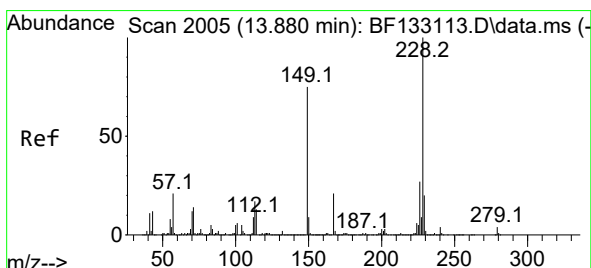
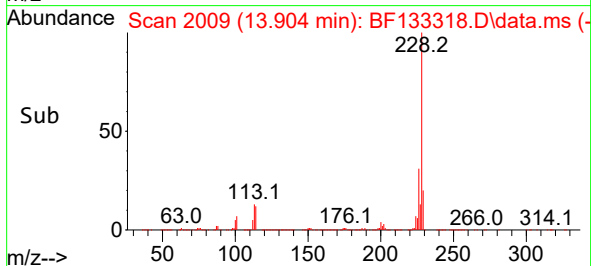
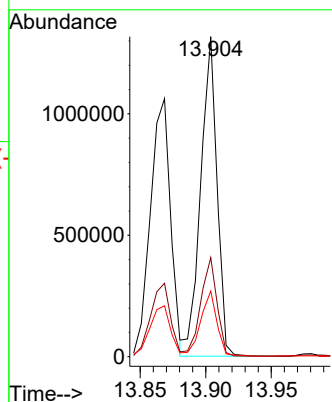
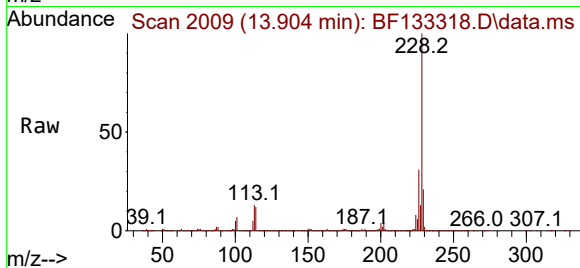
Tgt Ion:228 Resp: 1144058

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

229 20.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.624 ng

RT: 13.863 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

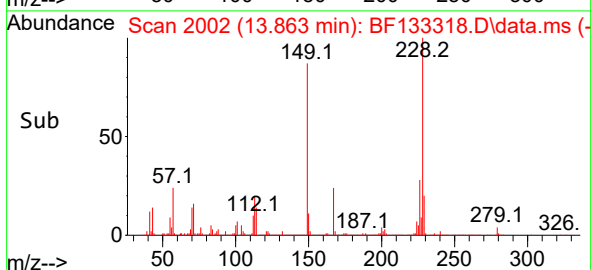
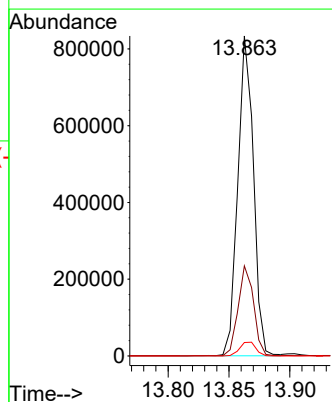
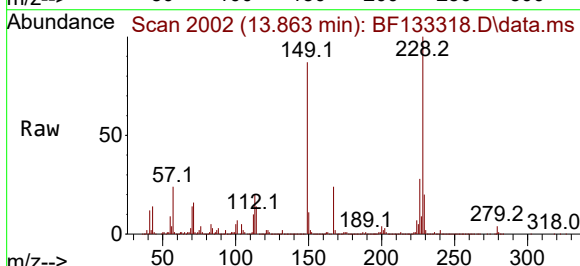
Tgt Ion:149 Resp: 742147

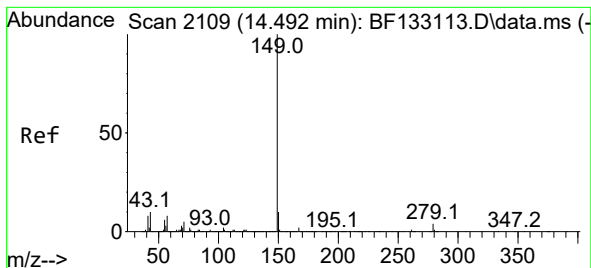
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

279 4.2 4.2 6.4#





#85

Di-n-octyl phthalate

Concen: 61.604 ng

RT: 14.474 min Scan# 2109

Delta R.T. -0.006 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

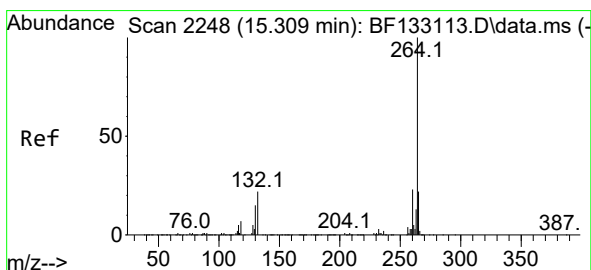
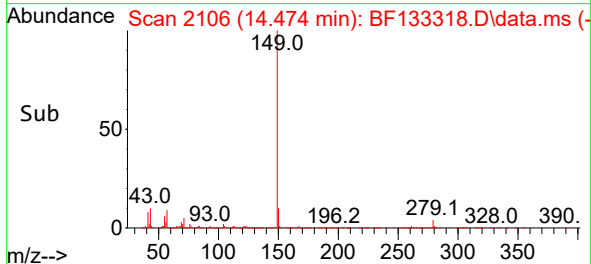
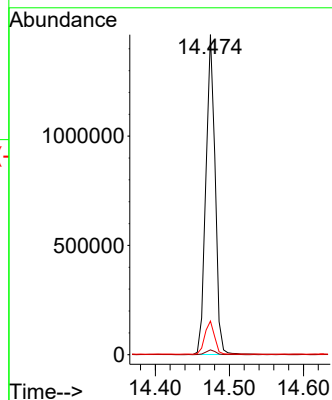
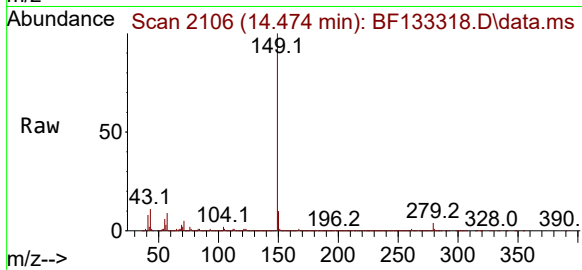
Tgt Ion:149 Resp: 1271622

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.8 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: BF133318.D

Acq: 09 May 2023 15:35

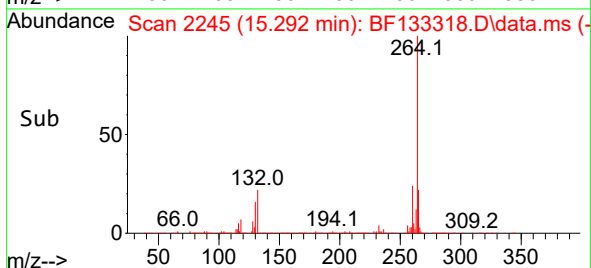
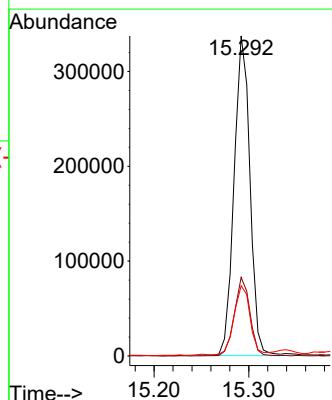
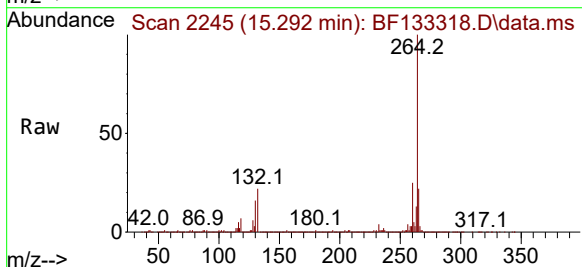
Tgt Ion:264 Resp: 392449

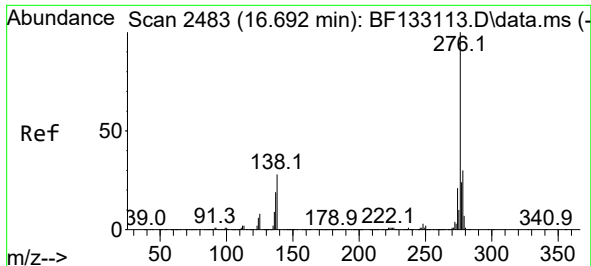
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.0 17.0 25.4

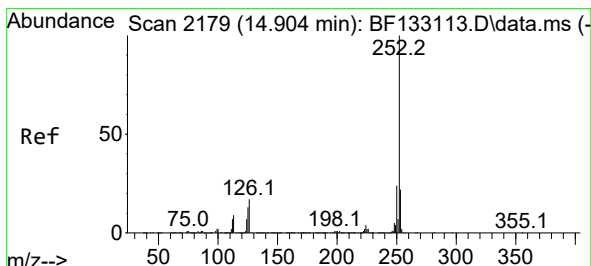
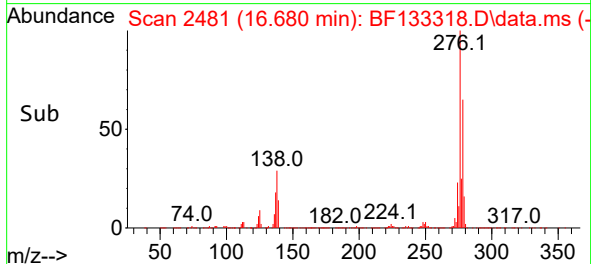
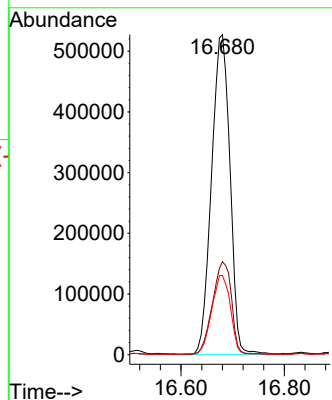
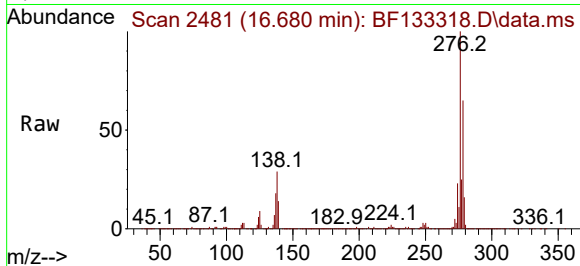




#87
Indeno(1,2,3-cd)pyrene
Concen: 58.441 ng
RT: 16.680 min Scan# 2483
Delta R.T. 0.006 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

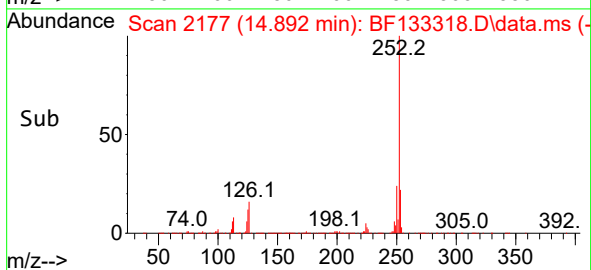
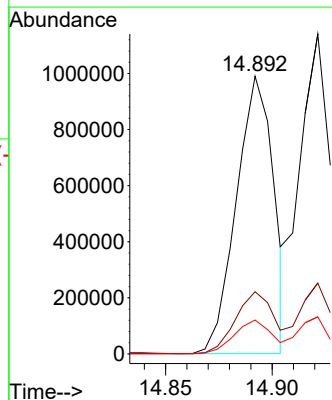
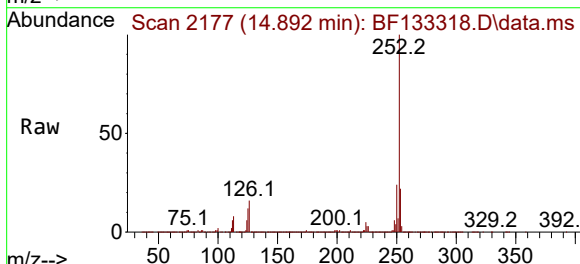
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

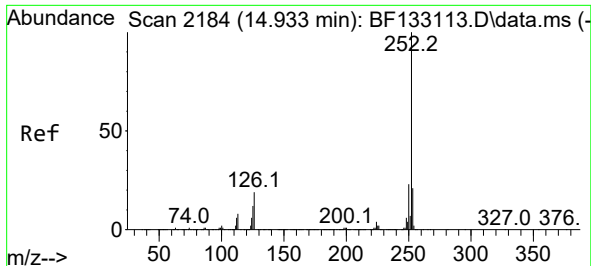
Tgt Ion:276 Resp: 1304591
Ion Ratio Lower Upper
276 100
138 29.7 25.5 38.3
277 25.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 48.502 ng
RT: 14.892 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:252 Resp: 1210961
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.2 8.9 13.3

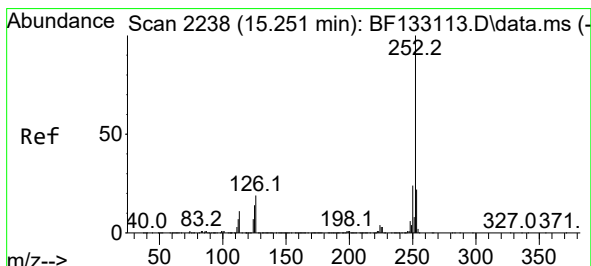
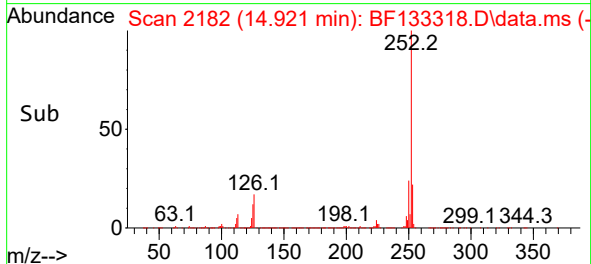
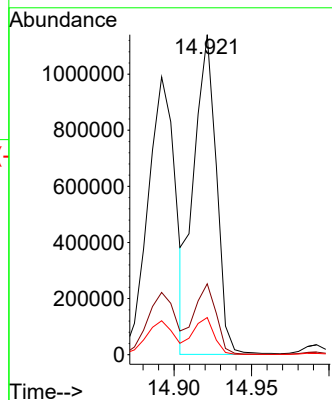
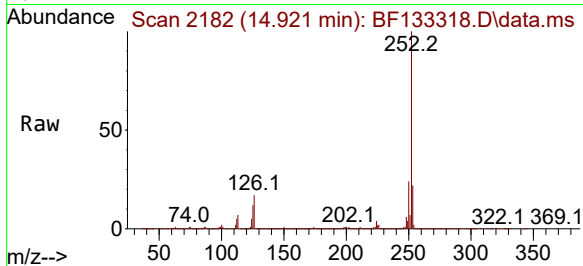




#89
Benzo(k)fluoranthene
Concen: 46.170 ng
RT: 14.921 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

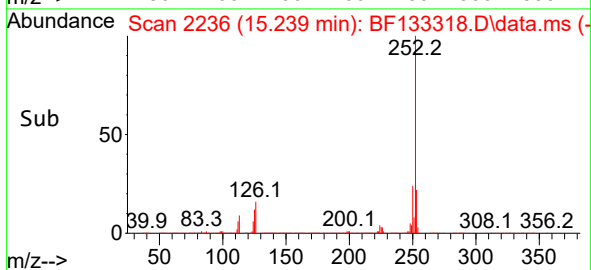
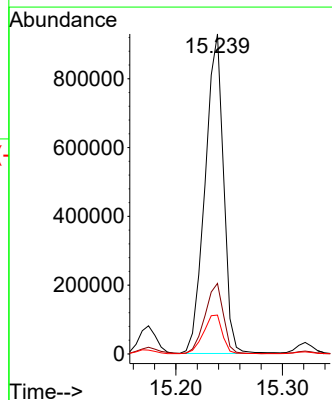
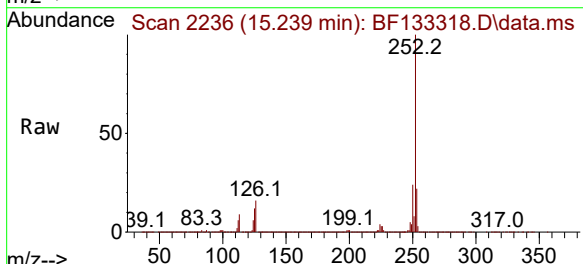
Instrument :
BNA_F
ClientSampleId :
TR-612-COMP-02MSD

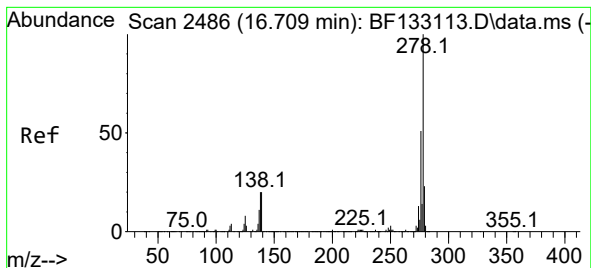
Tgt Ion:252 Resp: 1142691
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.6 9.0 13.4



#90
Benzo(a)pyrene
Concen: 49.368 ng
RT: 15.239 min Scan# 2236
Delta R.T. 0.000 min
Lab File: BF133318.D
Acq: 09 May 2023 15:35

Tgt Ion:252 Resp: 1121912
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.2 10.5 15.7





#91

Dibenzo(a,h)anthracene

Concen: 56.574 ng

RT: 16.692 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Instrument :

BNA_F

ClientSampleId :

TR-612-COMP-02MSD

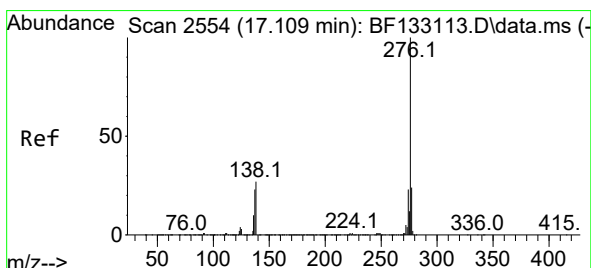
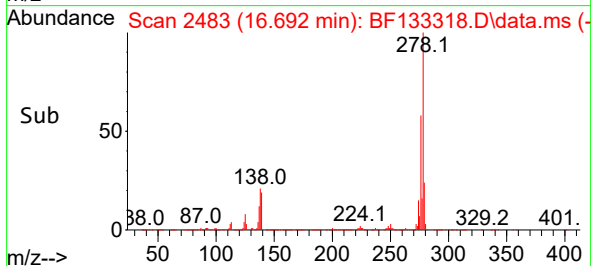
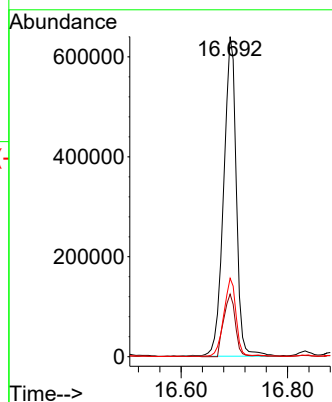
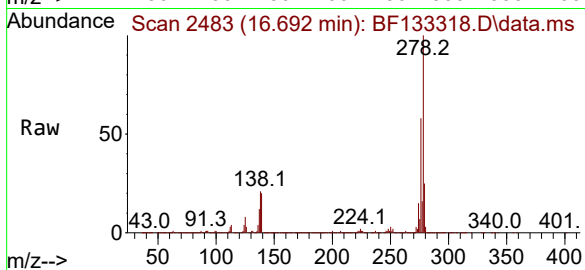
Tgt Ion:278 Resp: 1053332

Ion Ratio Lower Upper

278 100

139 19.5 16.6 24.8

279 24.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.171 ng

RT: 17.098 min Scan# 2552

Delta R.T. 0.012 min

Lab File: BF133318.D

Acq: 09 May 2023 15:35

Tgt Ion:276 Resp: 1014130

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 25.6 22.7 34.1

