

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133092.D
 Acq On : 27 Apr 2023 11:14
 Operator : CG\JU
 Sample : PB152384BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152384BS

Quant Time: Apr 28 02:04:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	210908	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	850691	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	443617	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	808689	20.000	ng	0.00
76) Chrysene-d12	13.898	240	565734	20.000	ng	0.00
86) Perylene-d12	15.316	264	518473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1435940	102.848	ng	0.02
7) Phenol-d6	6.387	99	1765195	101.861	ng	0.00
23) Nitrobenzene-d5	7.304	82	1066587	67.676	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	475202	106.514	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1873680	70.662	ng	0.00
79) Terphenyl-d14	12.845	244	2139665	65.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.499	88	257795	39.808	ng	96
3) Pyridine	3.193	79	633305	36.820	ng	96
4) n-Nitrosodimethylamine	3.152	42	333121	37.391	ng	94
6) Aniline	6.398	93	761321	34.110	ng	# 18
8) 2-Chlorophenol	6.528	128	622175	43.890	ng	96
9) Benzaldehyde	6.281	77	341589	44.378	ng	98
10) Phenol	6.398	94	772939	40.431	ng	# 72
11) bis(2-Chloroethyl)ether	6.475	93	596727	41.595	ng	99
12) 1,3-Dichlorobenzene	6.681	146	668649	44.365	ng	97
13) 1,4-Dichlorobenzene	6.757	146	672578	44.527	ng	98
14) 1,2-Dichlorobenzene	6.910	146	620801	44.580	ng	97
15) Benzyl Alcohol	6.887	79	498207	41.619	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	964395	38.704	ng	94
17) 2-Methylphenol	7.004	107	559252	43.084	ng	97
18) Hexachloroethane	7.251	117	231396	44.063	ng	99
19) n-Nitroso-di-n-propyla...	7.163	70	416793	38.633	ng	94
20) 3+4-Methylphenols	7.157	107	633513	41.442	ng	# 88
22) Acetophenone	7.151	105	861719	43.729	ng	# 97
24) Nitrobenzene	7.328	77	650856	40.754	ng	96
25) Isophorone	7.563	82	1210790	40.463	ng	99
26) 2-Nitrophenol	7.640	139	367090	47.656	ng	95
27) 2,4-Dimethylphenol	7.687	122	592832	44.883	ng	99
28) bis(2-Chloroethoxy)met...	7.781	93	716154	40.455	ng	100
29) 2,4-Dichlorophenol	7.887	162	528470	43.950	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	551372	44.262	ng	98
31) Naphthalene	8.045	128	1797835	42.270	ng	99
32) Benzoic acid	7.822	122	435460	53.373	ng	96
33) 4-Chloroaniline	8.092	127	361657	21.045	ng	99
34) Hexachlorobutadiene	8.163	225	295994	42.871	ng	100
35) Caprolactam	8.522	113	63289	15.668	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	578194	44.591	ng	98
37) 2-Methylnaphthalene	8.739	142	1184084	40.721	ng	98
38) 1-Methylnaphthalene	8.834	142	1176244	43.241	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	496064	41.590	ng	100
41) Hexachlorocyclopentadiene	8.892	237	672270	96.643	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	352429	42.725	ng	99

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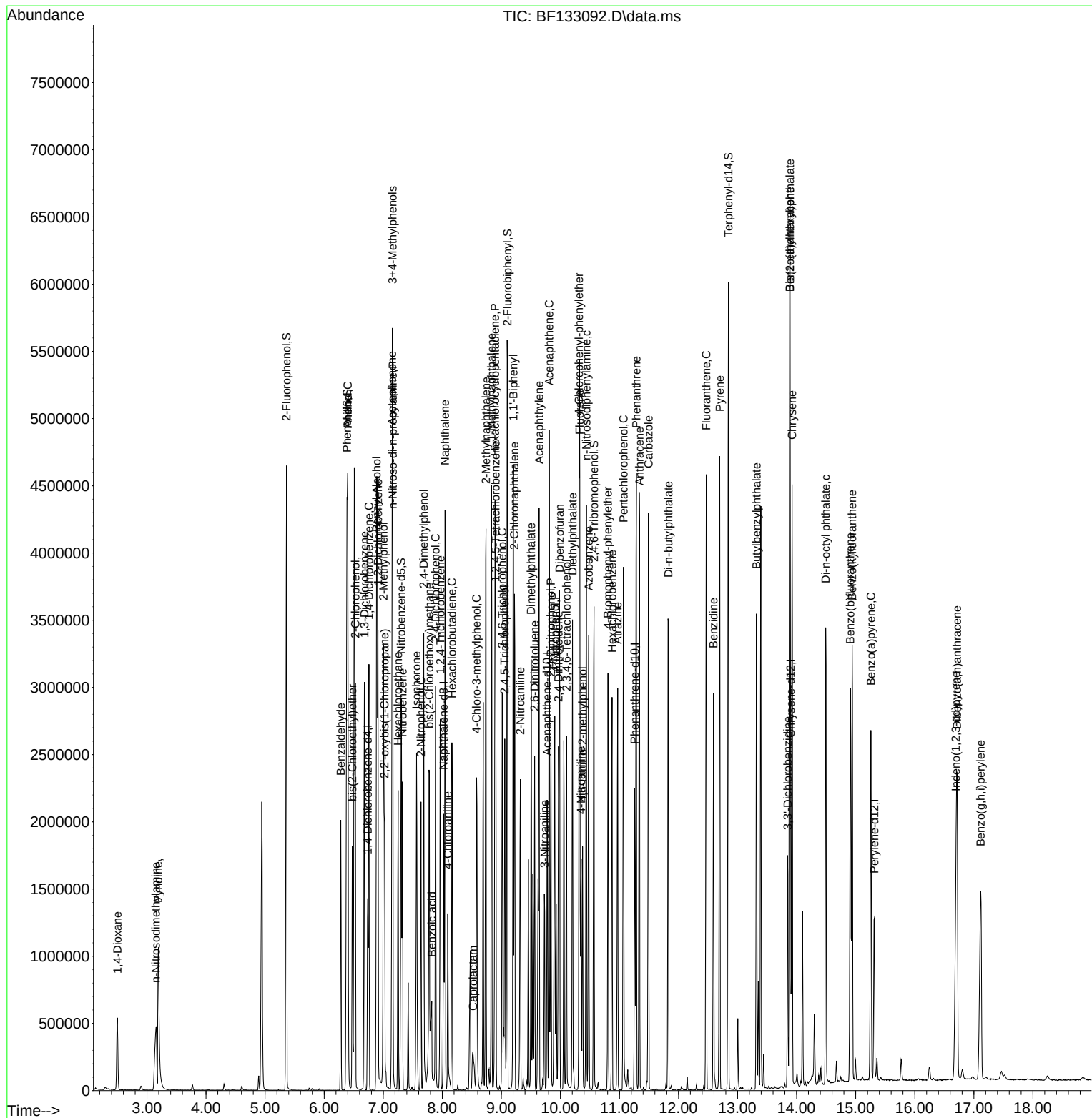
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	390781	40.963	ng	99
46) 1,1'-Biphenyl	9.204	154	1470476	41.802	ng	98
47) 2-Chloronaphthalene	9.222	162	1104337	42.892	ng	99
48) 2-Nitroaniline	9.322	65	347691	40.860	ng	95
49) Acenaphthylene	9.639	152	1708354	41.525	ng	100
50) Dimethylphthalate	9.504	163	1281480	41.428	ng	99
51) 2,6-Dinitrotoluene	9.563	165	308715	44.342	ng	93
52) Acenaphthene	9.810	154	1075729	39.041	ng	99
53) 3-Nitroaniline	9.734	138	252155	30.460	ng	94
54) 2,4-Dinitrophenol	9.839	184	370370	105.835	ng	97
55) Dibenzofuran	9.986	168	1534243	40.820	ng	98
56) 4-Nitrophenol	9.904	139	579557	90.393	ng	95
57) 2,4-Dinitrotoluene	9.969	165	405280	45.647	ng	90
58) Fluorene	10.328	166	1140967	41.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	323672	43.764	ng	98
60) Diethylphthalate	10.204	149	1197139	40.973	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	550744	41.041	ng	96
62) 4-Nitroaniline	10.351	138	354721	46.622	ng	95
63) Azobenzene	10.481	77	1205997	38.964	ng	95
65) 4,6-Dinitro-2-methylph...	10.375	198	241897	49.350	ng	84
66) n-Nitrosodiphenylamine	10.439	169	1059065	40.373	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	355948	40.584	ng	96
68) Hexachlorobenzene	10.875	284	396834	44.155	ng	98
69) Atrazine	10.969	200	348260	46.075	ng	97
70) Pentachlorophenol	11.069	266	492840	76.998	ng	98
71) Phenanthrene	11.286	178	1768693	40.693	ng	100
72) Anthracene	11.339	178	1818665	40.886	ng	100
73) Carbazole	11.492	167	1665681	42.055	ng	99
74) Di-n-butylphthalate	11.828	149	1884611	42.046	ng	99
75) Fluoranthene	12.469	202	1860656	42.654	ng	98
77) Benzidine	12.592	184	1028369	107.493	ng	# 93
78) Pyrene	12.698	202	1913657	39.460	ng	99
80) Butylbenzylphthalate	13.322	149	814856	47.454	ng	100
81) Benzo(a)anthracene	13.886	228	1567028	40.280	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	371851	34.600	ng	97
83) Chrysene	13.922	228	1573810	40.464	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	923213	42.834	ng	98
85) Di-n-octyl phthalate	14.492	149	1727080	49.143	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1357661	46.035	ng	100
88) Benzo(b)fluoranthene	14.910	252	1561245	47.332	ng	98
89) Benzo(k)fluoranthene	14.939	252	1299101	39.731	ng	99
90) Benzo(a)pyrene	15.257	252	1212286	40.379	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	1108569	45.068	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1137014	46.821	ng	99

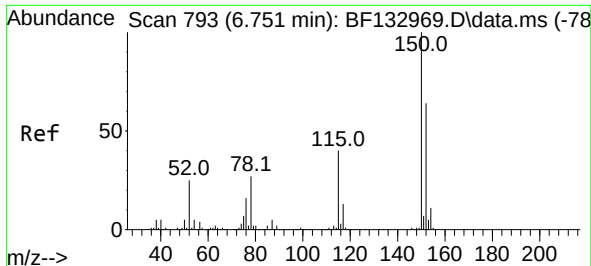
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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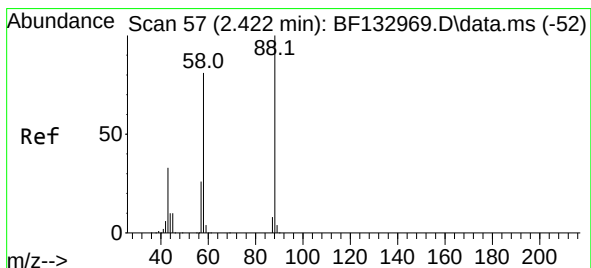
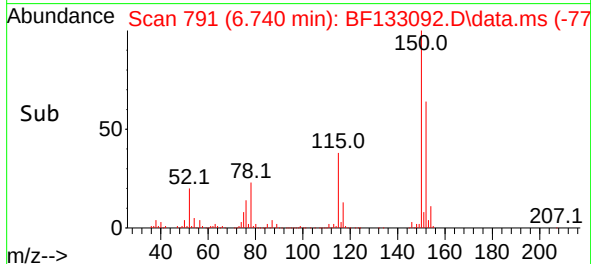
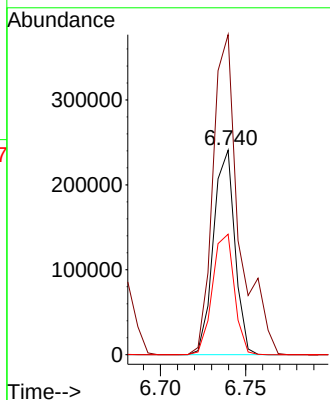
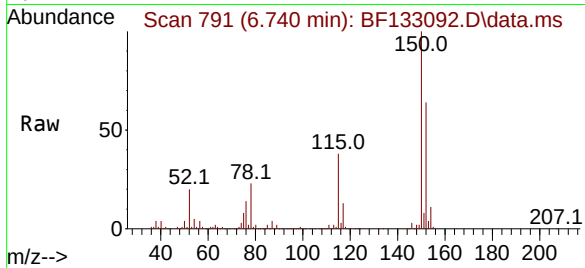




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14

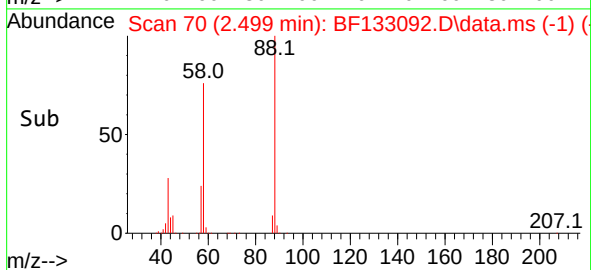
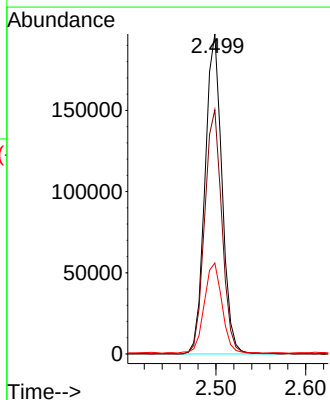
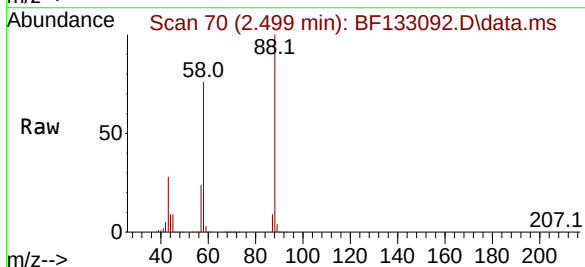
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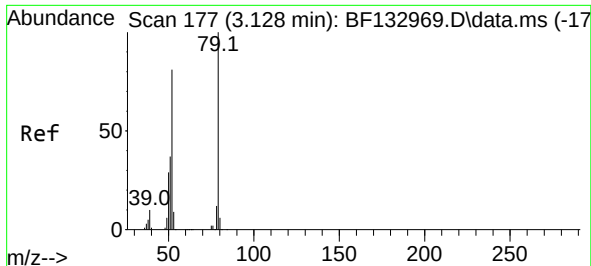
Tgt Ion:152 Resp: 210908
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.8 187.2
 115 58.9 49.9 74.9



#2
 1,4-Dioxane
 Concen: 39.808 ng
 RT: 2.499 min Scan# 70
 Delta R.T. 0.106 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14

Tgt Ion: 88 Resp: 257795
 Ion Ratio Lower Upper
 88 100
 58 78.1 64.7 97.1
 43 29.7 26.2 39.2

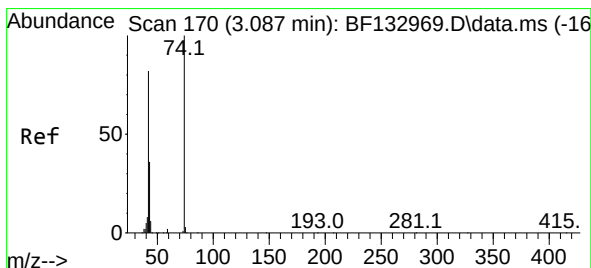
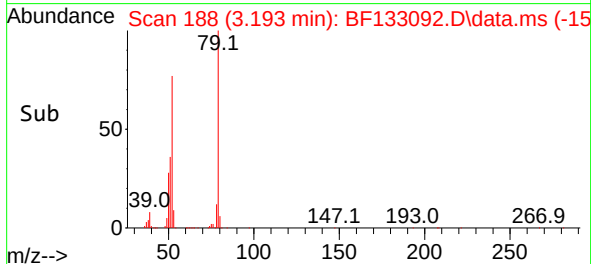
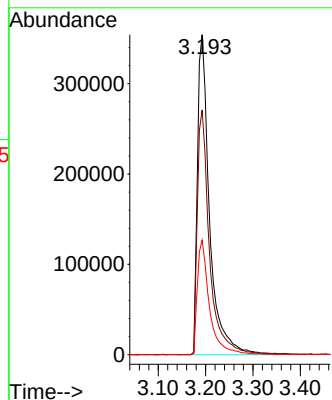
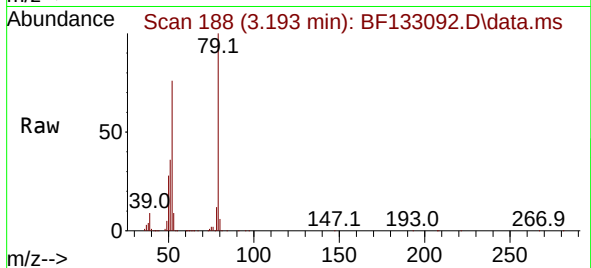




#3
Pyridine
Concen: 36.820 ng
RT: 3.193 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

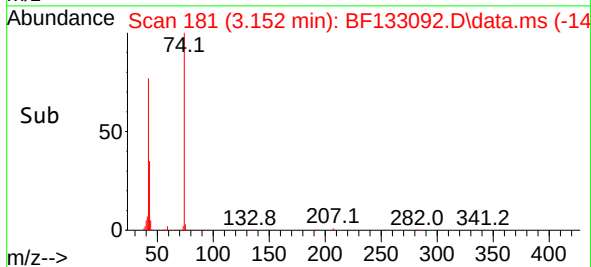
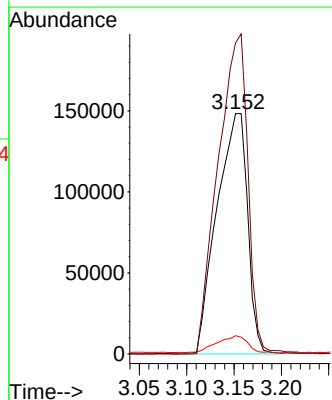
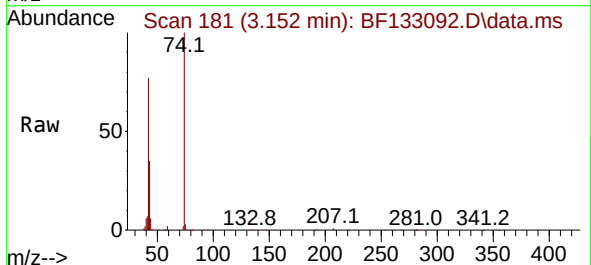
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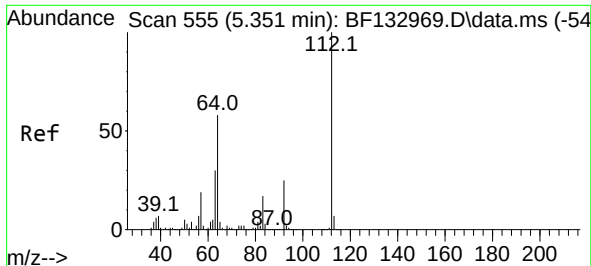
Tgt Ion: 79 Resp: 633305
Ion Ratio Lower Upper
79 100
52 76.5 64.6 96.8
51 35.8 30.0 45.0



#4
n-Nitrosodimethylamine
Concen: 37.391 ng
RT: 3.152 min Scan# 181
Delta R.T. 0.100 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion: 42 Resp: 333121
Ion Ratio Lower Upper
42 100
74 129.4 98.0 147.0
44 7.6 5.8 8.8

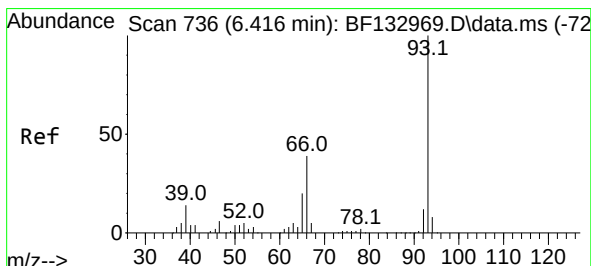
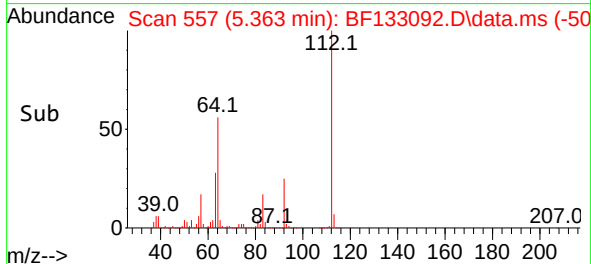
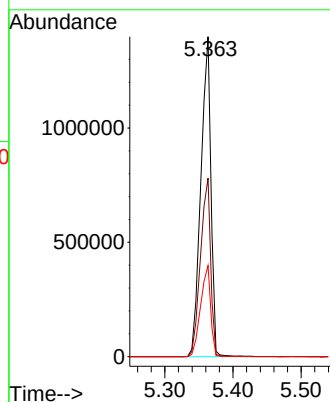
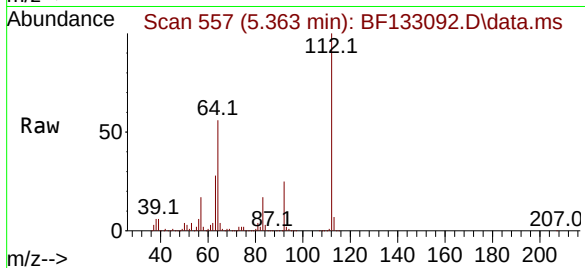




#5
2-Fluorophenol
Concen: 102.848 ng
RT: 5.363 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

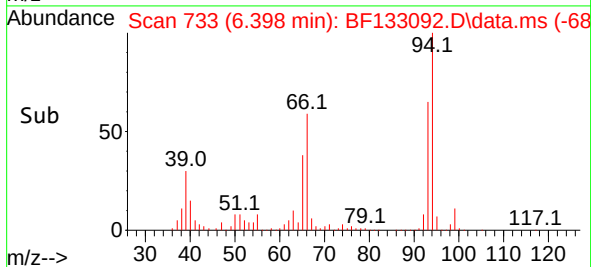
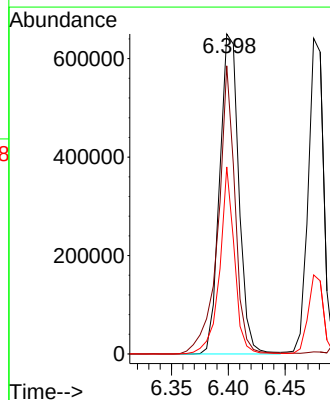
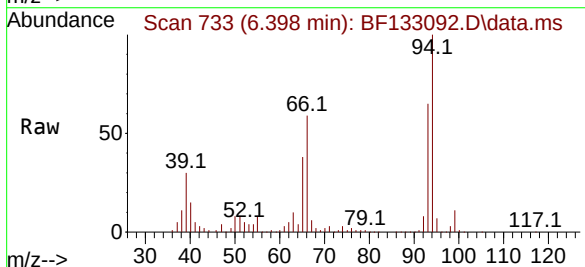
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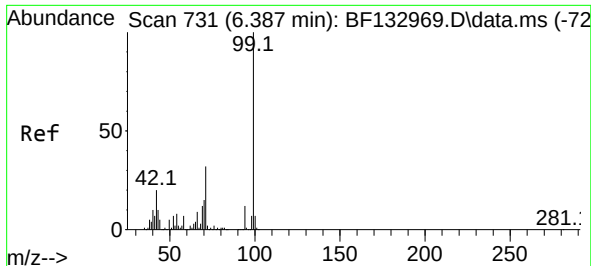
Tgt Ion:112 Resp: 1435940
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 34.110 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion: 93 Resp: 761321
Ion Ratio Lower Upper
93 100
66 90.0 31.5 47.3#
65 58.4 16.4 24.6#

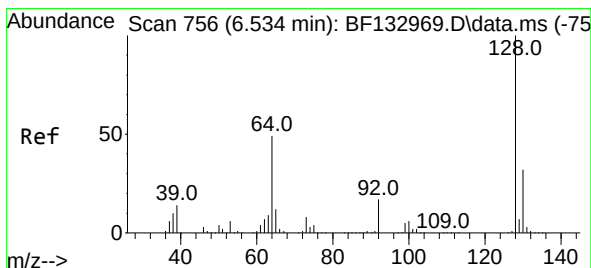
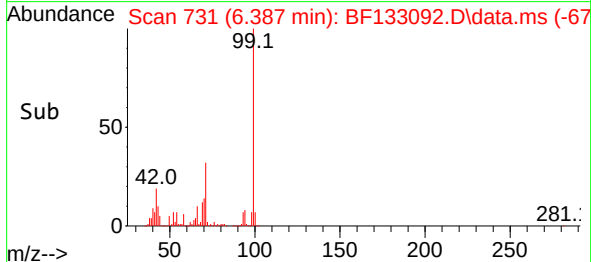
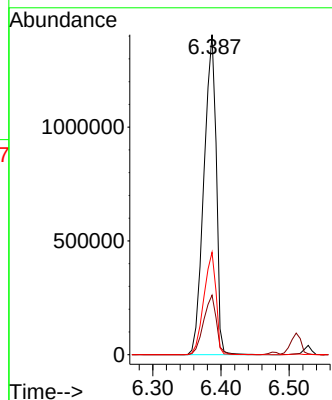
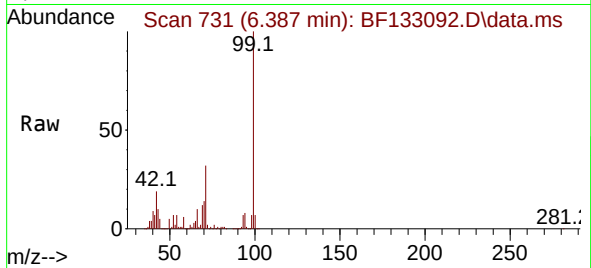




#7
Phenol-d6
Concen: 101.861 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

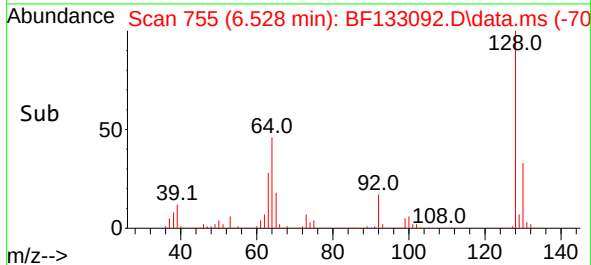
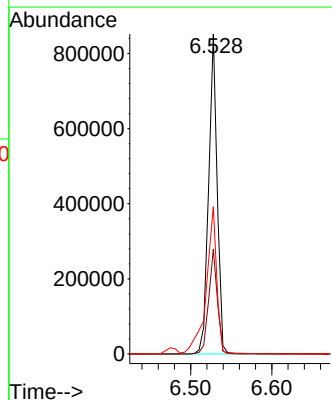
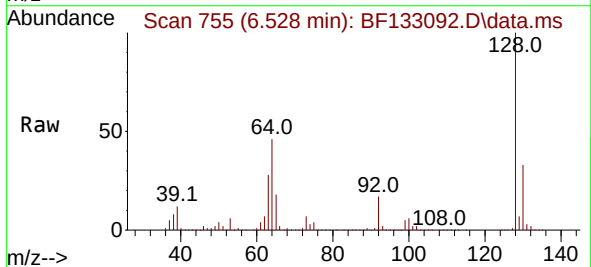
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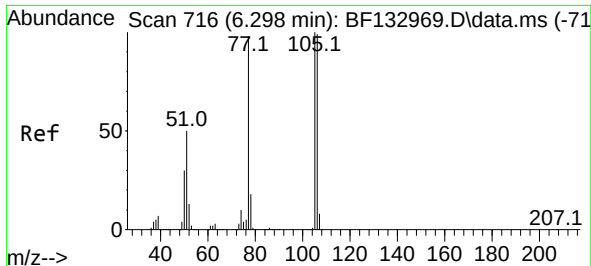
Tgt Ion: 99 Resp: 1765195
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 32.0 25.6 38.4



#8
2-Chlorophenol
Concen: 43.890 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:128 Resp: 622175
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 46.0 30.3 70.3

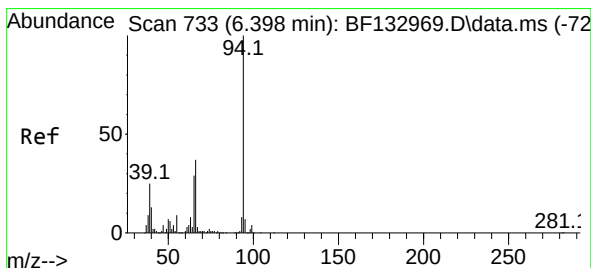
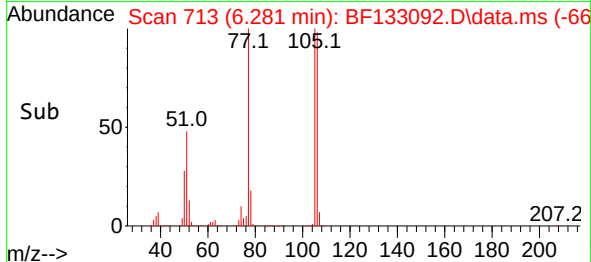
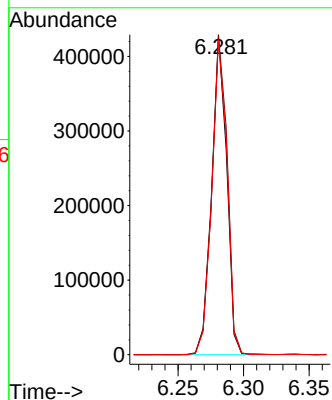
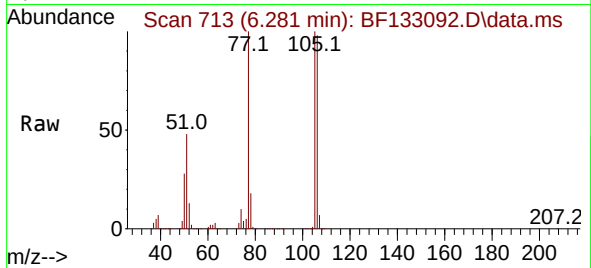




#9
Benzaldehyde
Concen: 44.378 ng
RT: 6.281 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF133092.D
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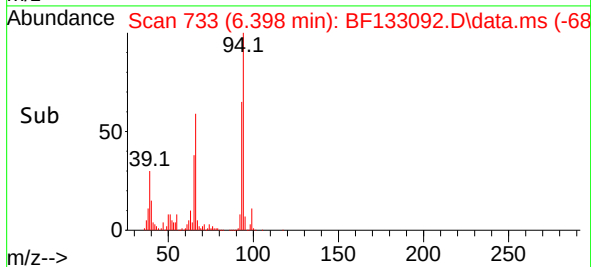
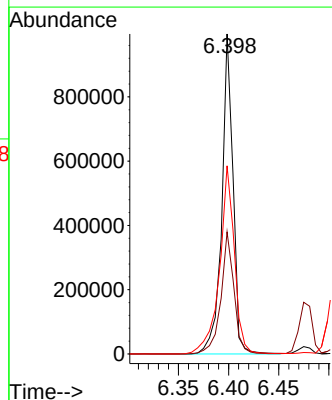
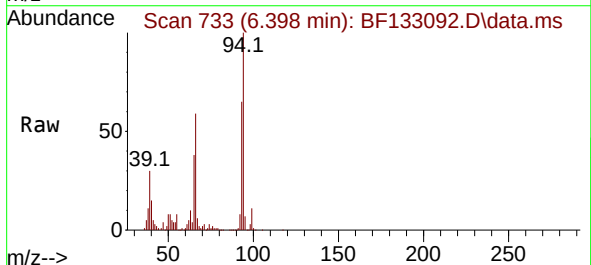
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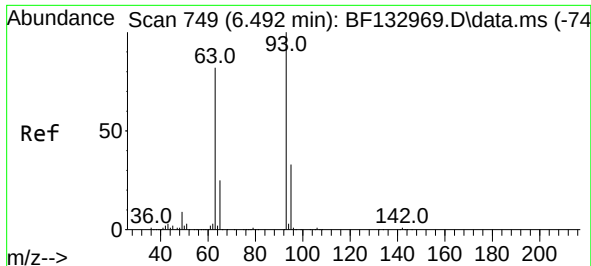
Tgt Ion: 77 Resp: 341589
Ion Ratio Lower Upper
77 100
105 100.2 82.3 122.3
106 98.4 80.8 120.8



#10
Phenol
Concen: 40.431 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion: 94 Resp: 772939
Ion Ratio Lower Upper
94 100
65 38.2 8.6 48.6
66 58.8 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 41.595 ng

RT: 6.475 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

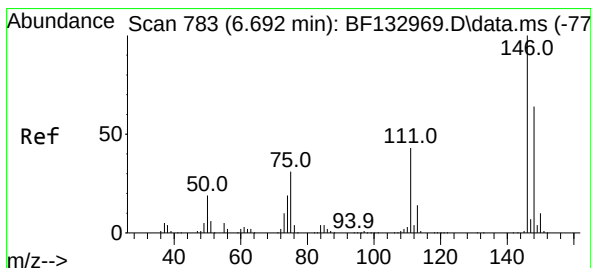
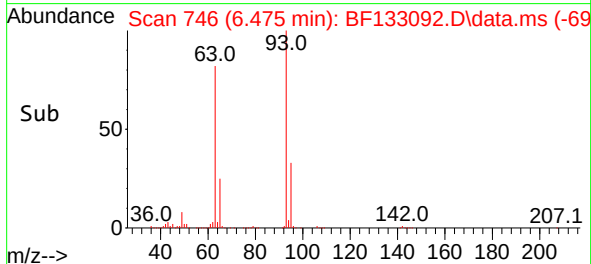
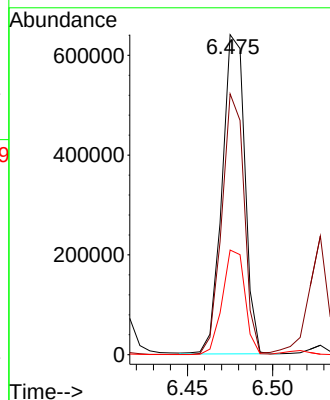
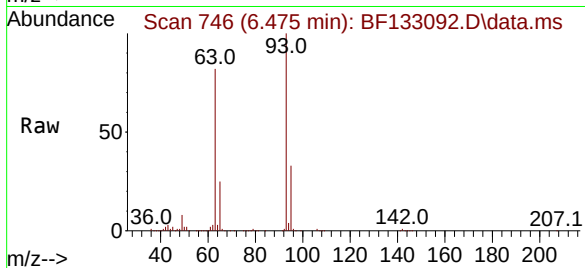
Tgt Ion: 93 Resp: 596727

Ion Ratio Lower Upper

93 100

63 81.5 60.6 100.6

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.365 ng

RT: 6.681 min Scan# 781

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

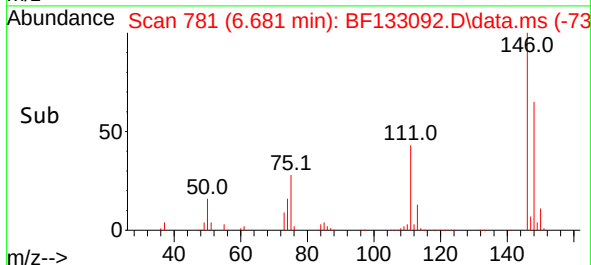
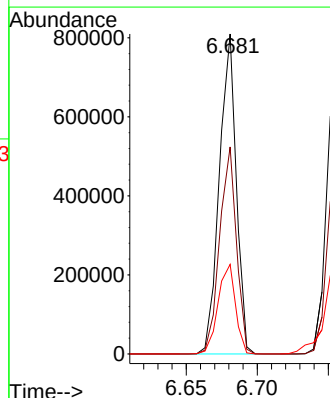
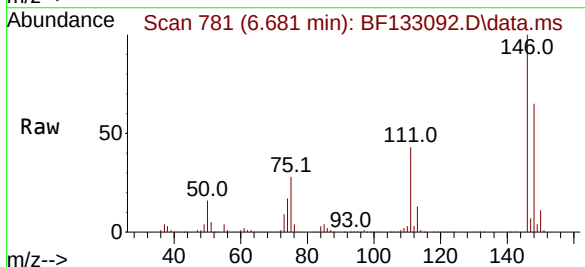
Tgt Ion:146 Resp: 668649

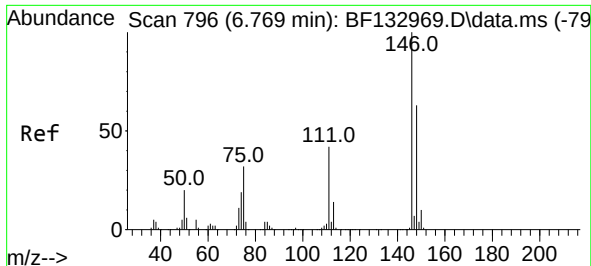
Ion Ratio Lower Upper

146 100

148 64.7 51.0 76.4

75 28.0 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 44.527 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

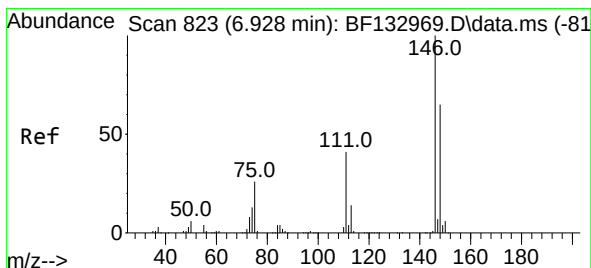
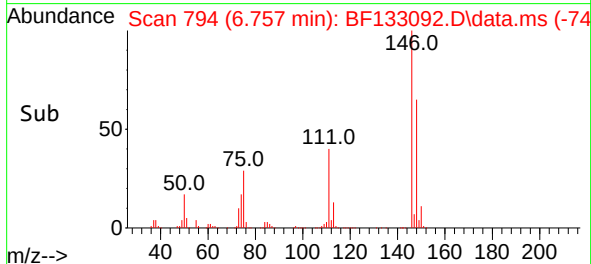
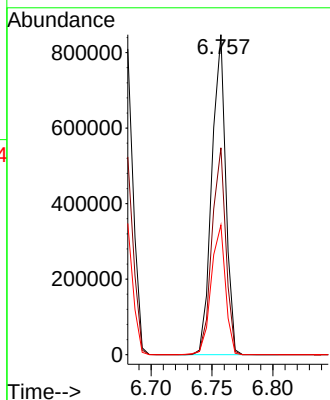
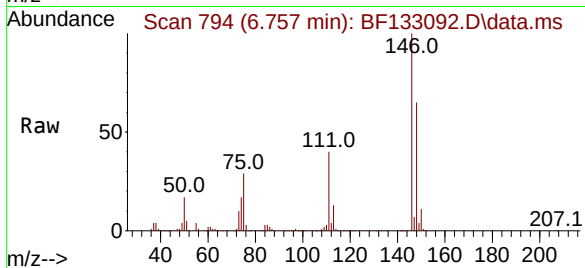
Tgt Ion:146 Resp: 672578

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

111 40.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 44.580 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

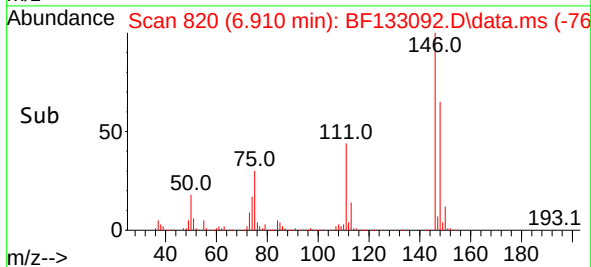
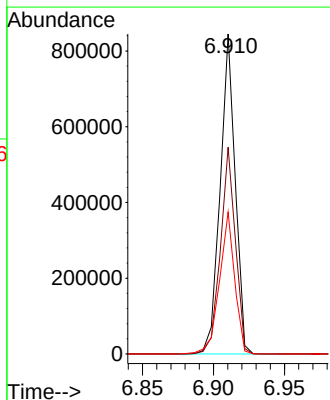
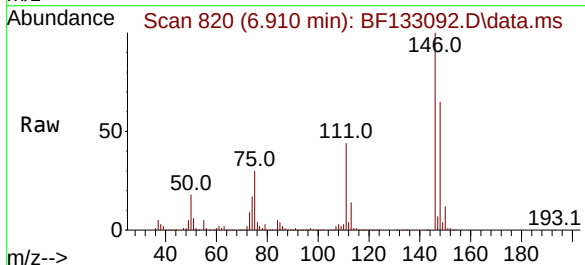
Tgt Ion:146 Resp: 620801

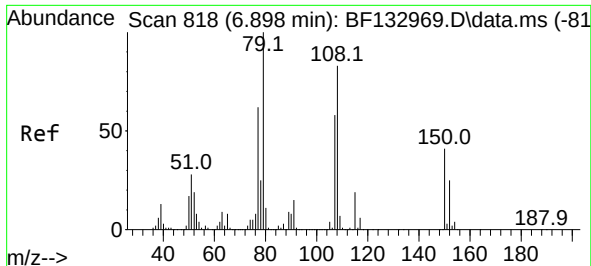
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

111 44.3 32.8 49.2

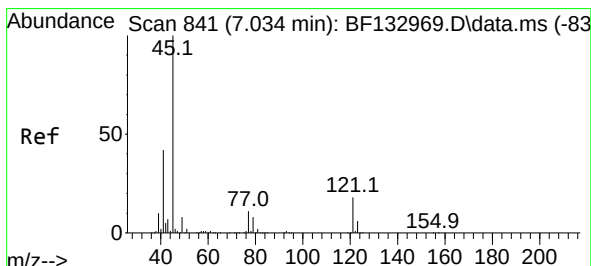
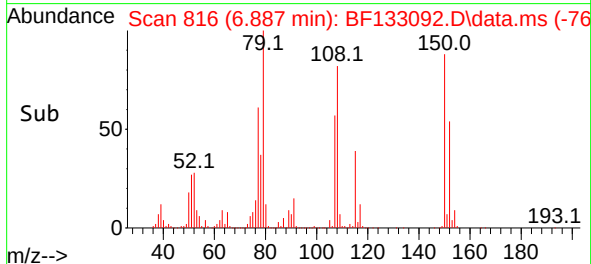
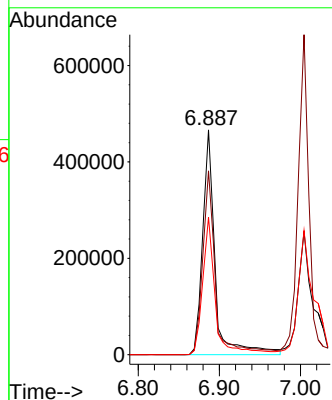
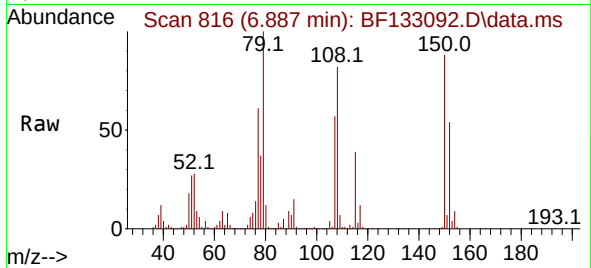




#15
Benzyl Alcohol
Concen: 41.619 ng
RT: 6.887 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

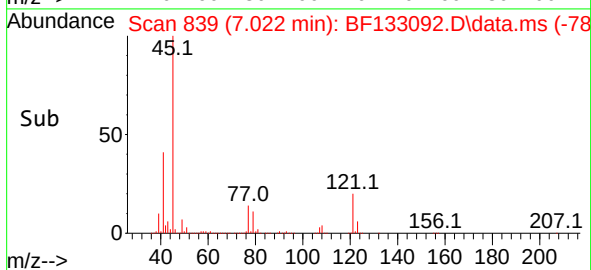
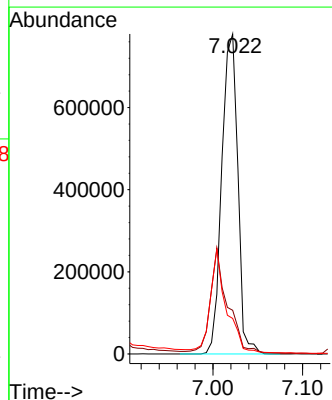
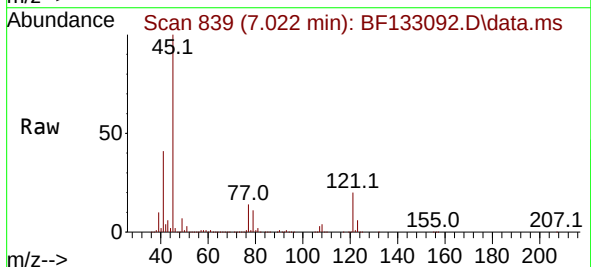
Instrument :
BNA_F
ClientSampleId :
PB152384BS

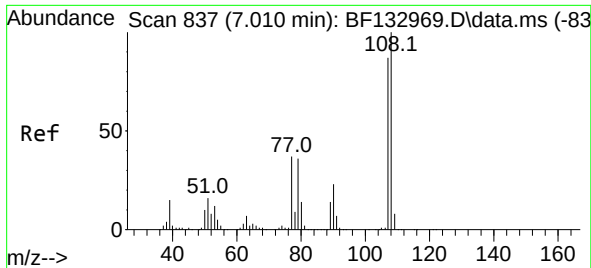
Tgt Ion: 79 Resp: 498207
Ion Ratio Lower Upper
79 100
108 81.8 66.6 99.8
77 61.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.704 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion: 45 Resp: 964395
Ion Ratio Lower Upper
45 100
77 13.6 0.0 31.5
79 11.1 0.0 28.7

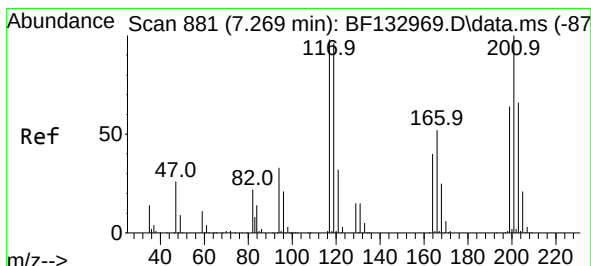
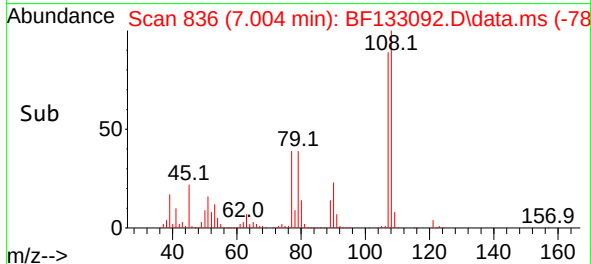
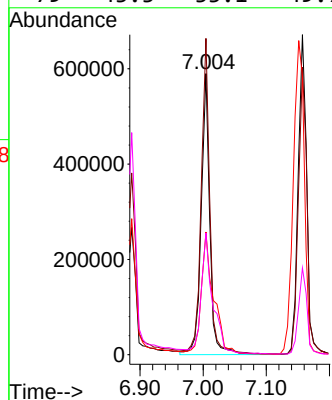
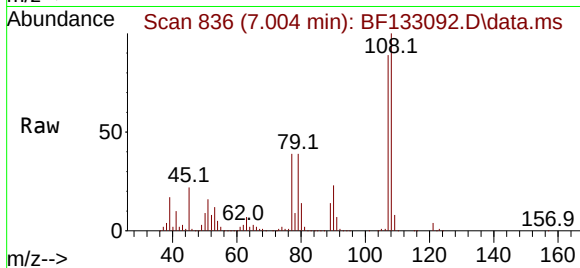




#17
2-Methylphenol
Concen: 43.084 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

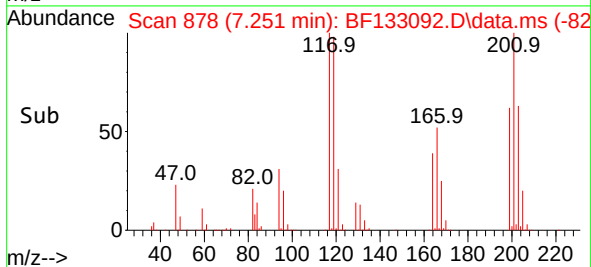
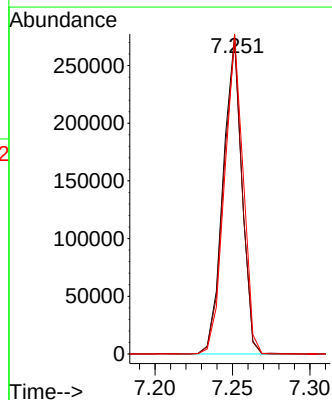
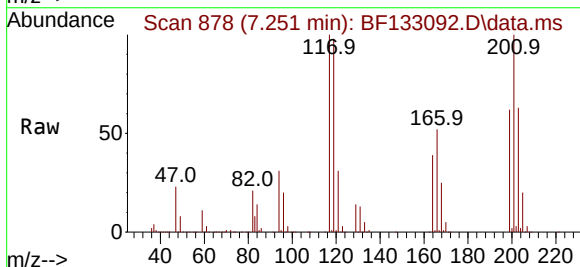
Instrument :
BNA_F
ClientSampleId :
PB152384BS

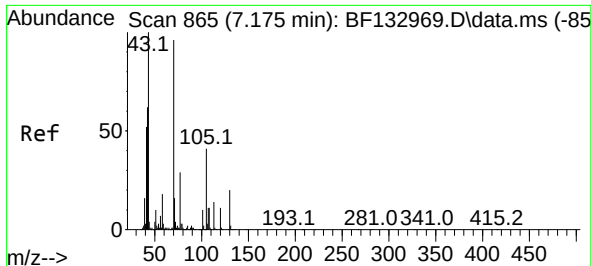
Tgt Ion:107 Resp: 559252
Ion Ratio Lower Upper
107 100
108 112.5 92.4 138.6
77 43.6 33.8 50.8
79 43.3 33.1 49.7



#18
Hexachloroethane
Concen: 44.063 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:117 Resp: 231396
Ion Ratio Lower Upper
117 100
119 98.0 78.2 117.4
201 100.3 81.7 122.5

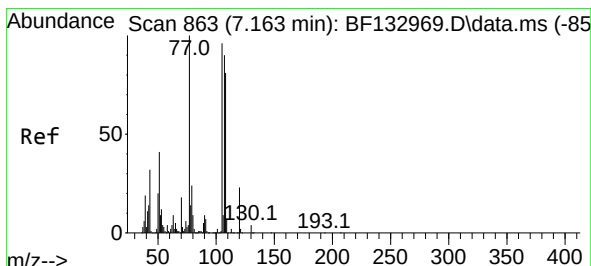
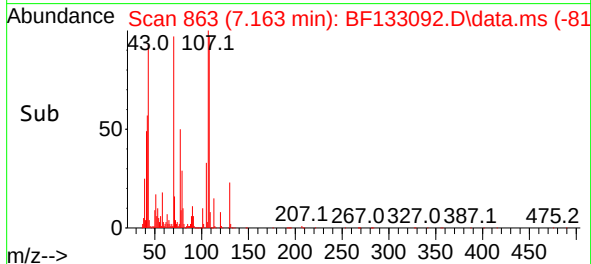
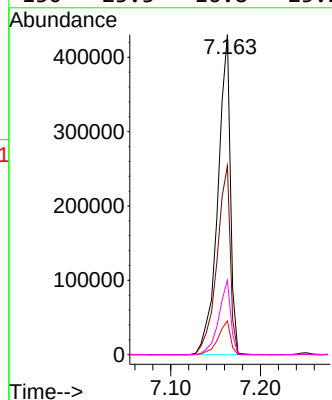
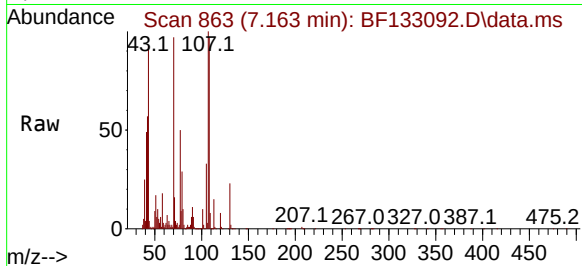




#19
n-Nitroso-di-n-propylamine
Concen: 38.633 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

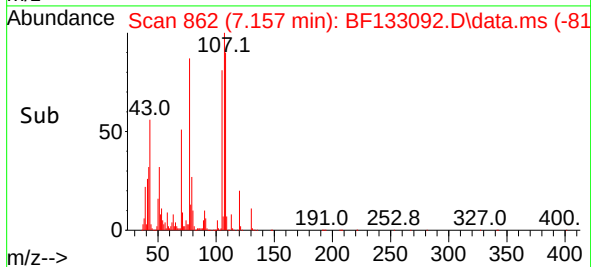
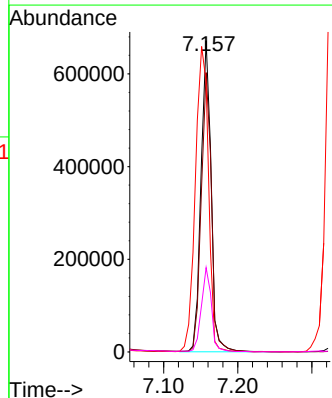
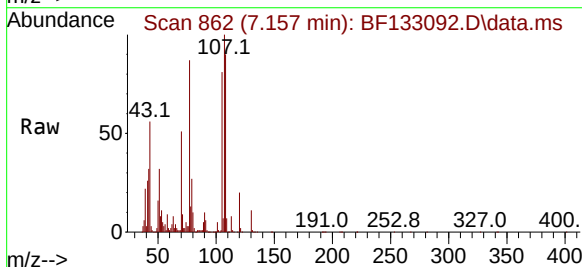
Instrument :
BNA_F
ClientSampleId :
PB152384BS

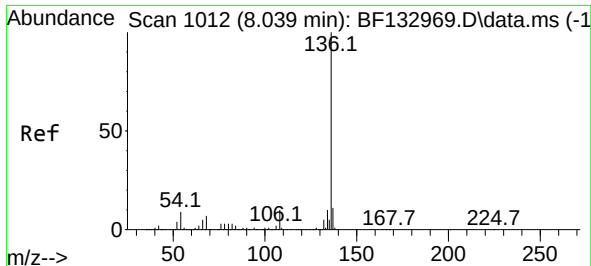
Tgt Ion: 70 Resp: 416793
Ion Ratio Lower Upper
70 100
42 59.0 51.8 77.6
101 10.5 8.0 12.0
130 23.3 16.8 25.2



#20
3+4-Methylphenols
Concen: 41.442 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion: 107 Resp: 633513
Ion Ratio Lower Upper
107 100
108 89.7 70.5 110.5
77 86.8 91.7 131.7#
79 27.1 7.1 47.1

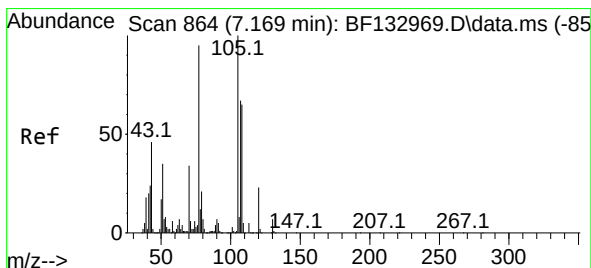
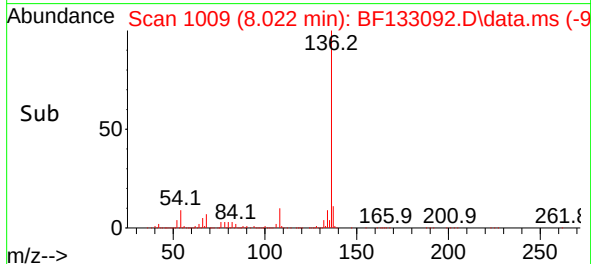
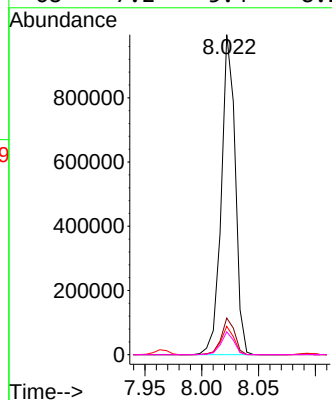
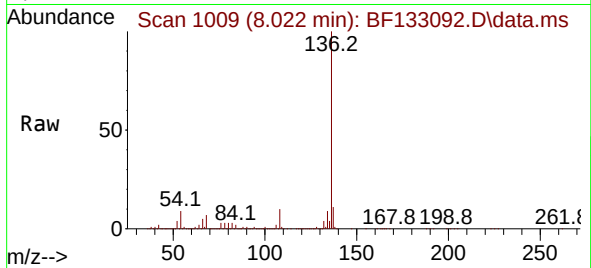




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

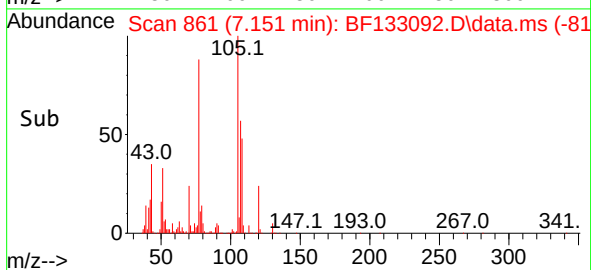
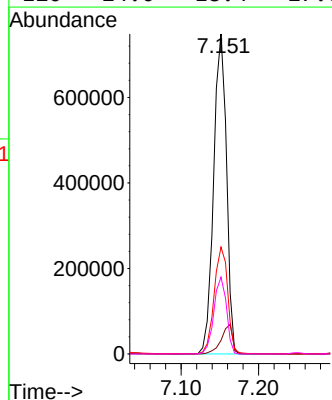
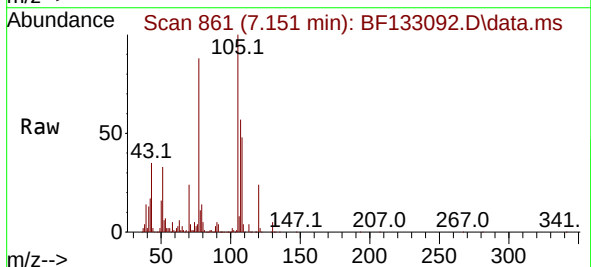
Instrument :
BNA_F
ClientSampleId :
PB152384BS

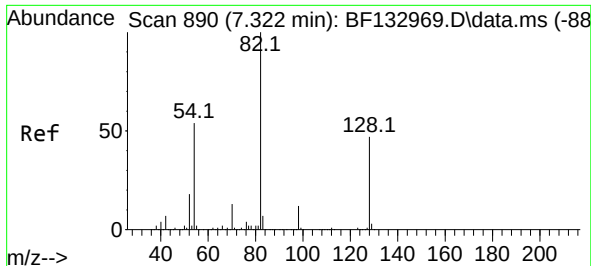
Tgt Ion:136 Resp: 850691
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.8 7.0 10.4
68 7.2 5.4 8.2



#22
Acetophenone
Concen: 43.729 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:105 Resp: 861719
Ion Ratio Lower Upper
105 100
71 4.3 4.6 7.0#
51 33.4 28.2 42.2
120 24.0 18.4 27.6





#23

Nitrobenzene-d5

Concen: 67.676 ng

RT: 7.304 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

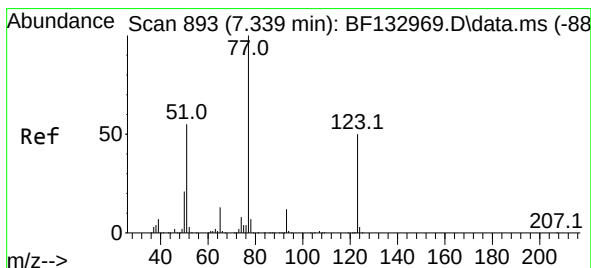
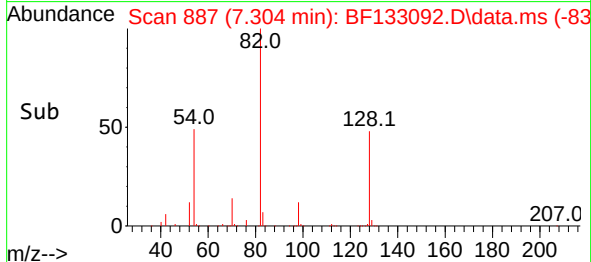
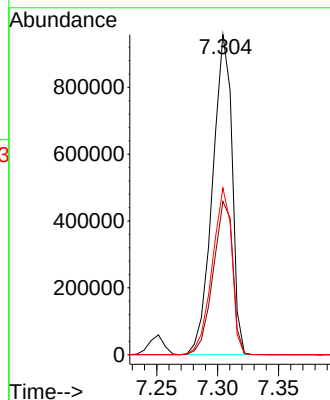
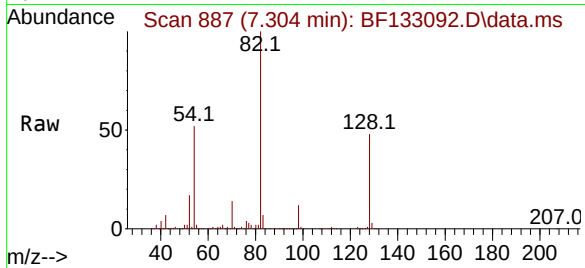
Tgt Ion: 82 Resp: 1066587

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 52.1 43.0 64.4



#24

Nitrobenzene

Concen: 40.754 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

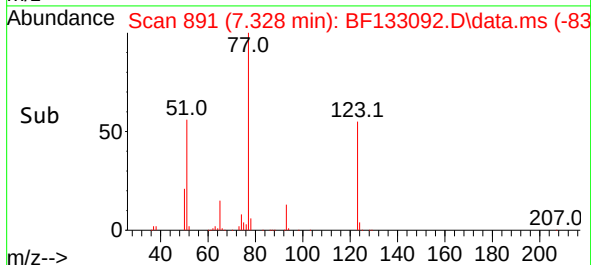
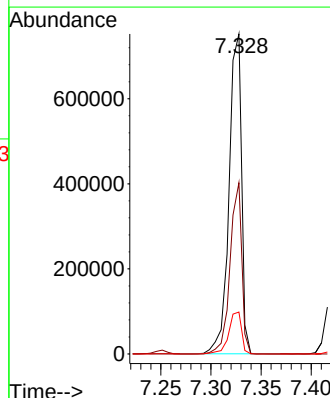
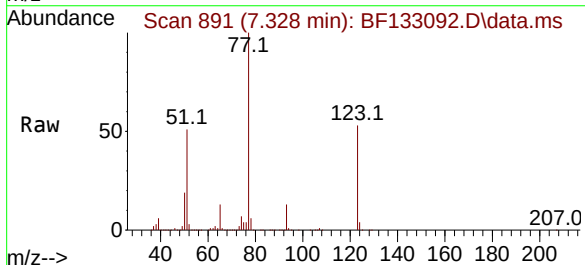
Tgt Ion: 77 Resp: 650856

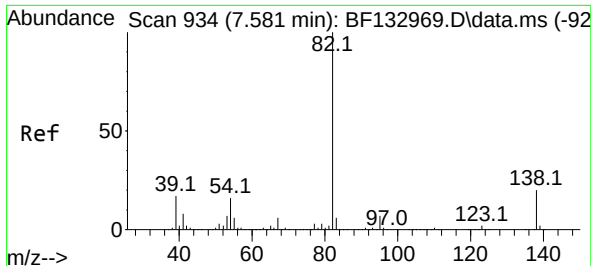
Ion Ratio Lower Upper

77 100

123 53.5 39.9 59.9

65 13.1 10.7 16.1

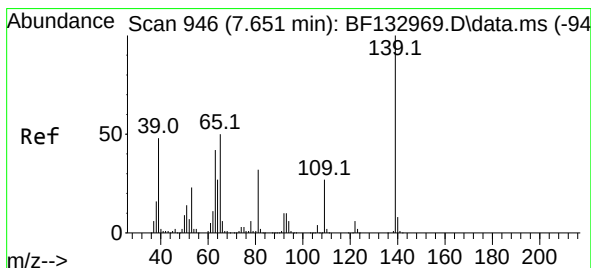
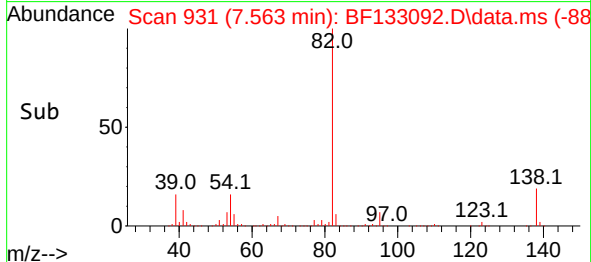
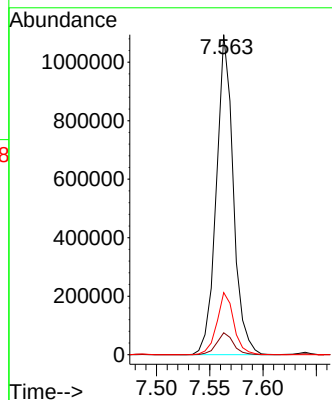
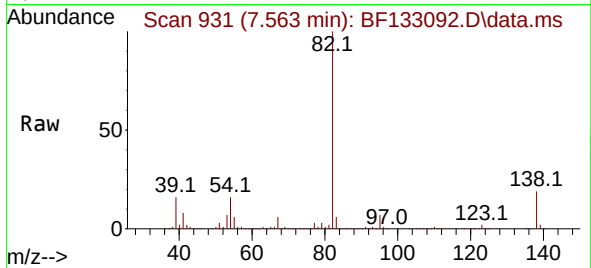




#25
Isophorone
Concen: 40.463 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

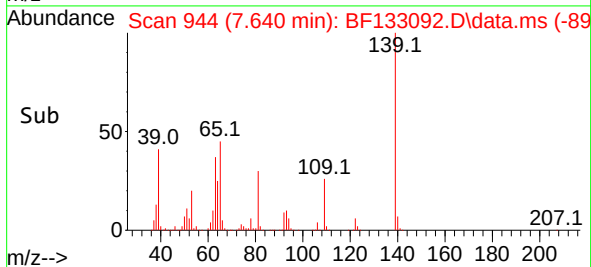
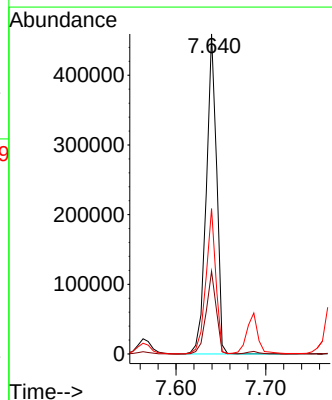
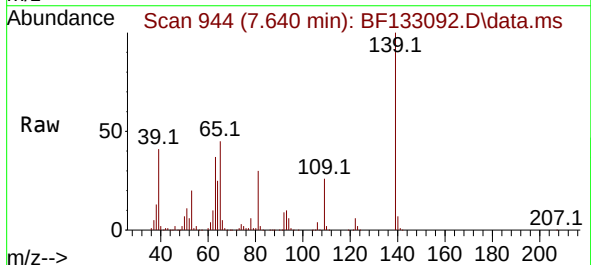
Instrument :
BNA_F
ClientSampleId :
PB152384BS

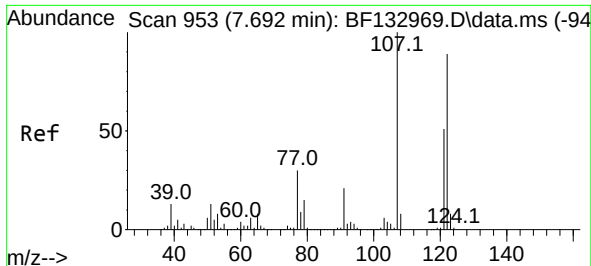
Tgt Ion: 82 Resp: 1210790
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 19.4 16.0 24.0



#26
2-Nitrophenol
Concen: 47.656 ng
RT: 7.640 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:139 Resp: 367090
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 45.4 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.883 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

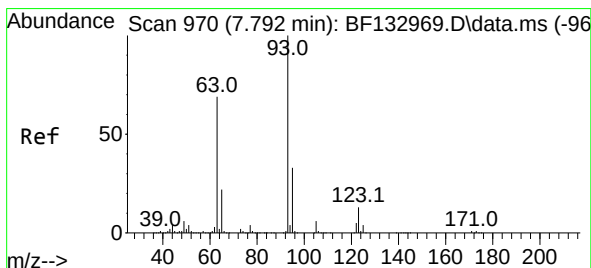
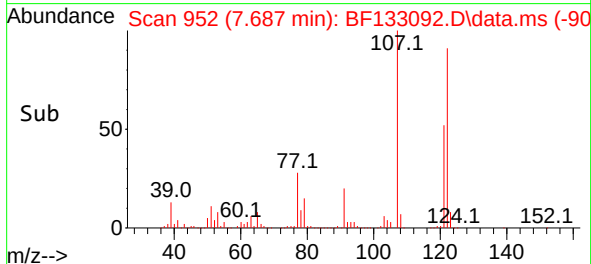
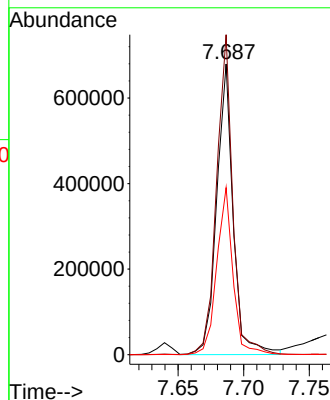
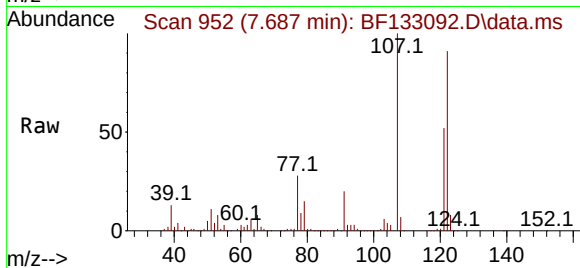
Tgt Ion:122 Resp: 592832

Ion Ratio Lower Upper

122 100

107 110.0 89.7 134.5

121 57.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 40.455 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

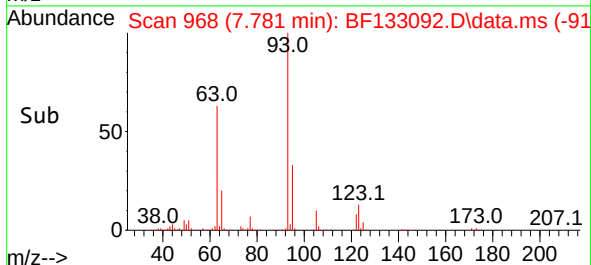
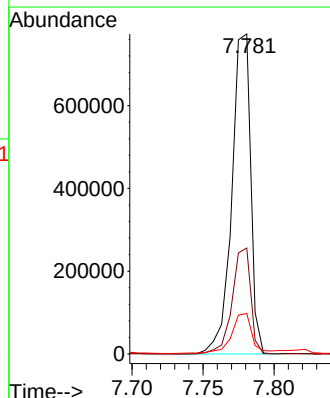
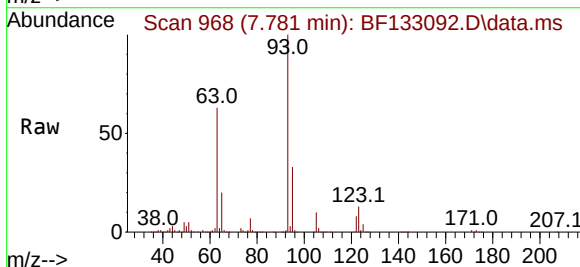
Tgt Ion: 93 Resp: 716154

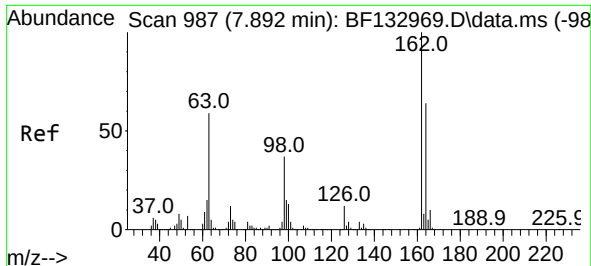
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.7 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 43.950 ng

RT: 7.887 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

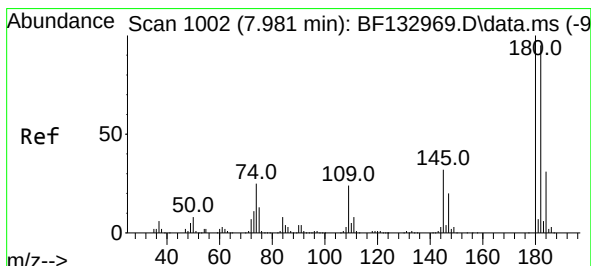
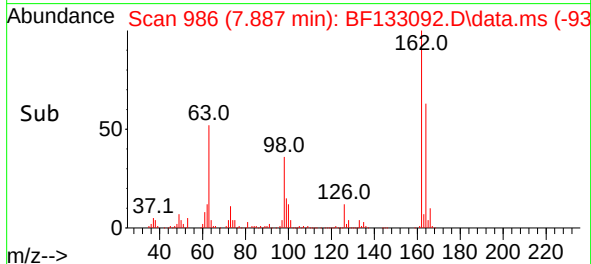
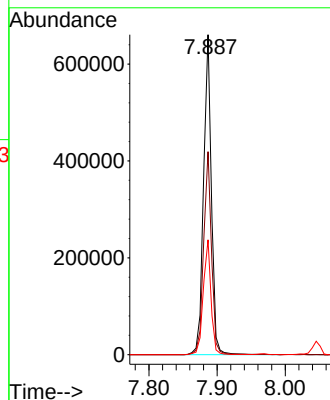
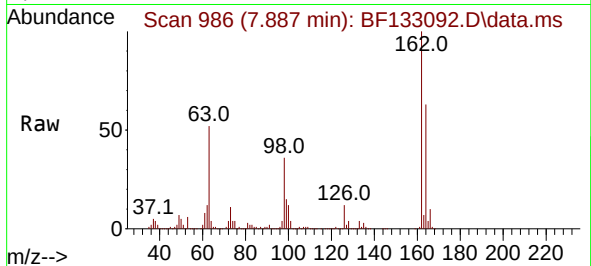
Tgt Ion:162 Resp: 528470

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 35.9 17.0 57.0



#30

1,2,4-Trichlorobenzene

Concen: 44.262 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

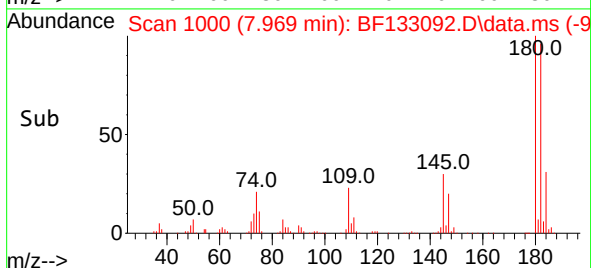
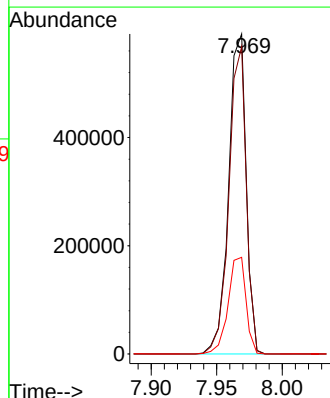
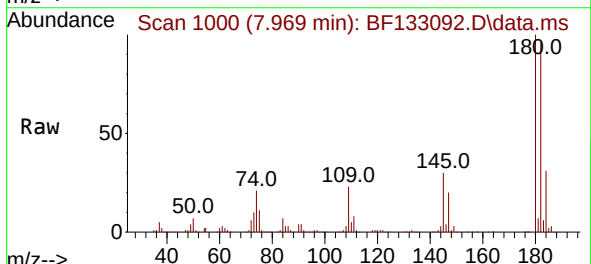
Tgt Ion:180 Resp: 551372

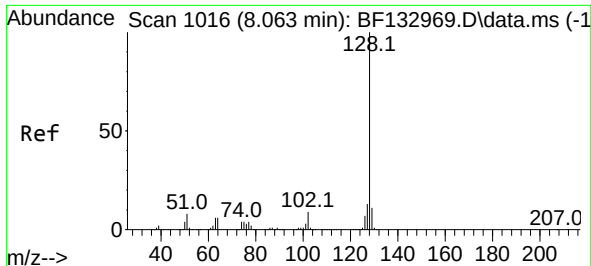
Ion Ratio Lower Upper

180 100

182 96.0 75.9 113.9

145 30.2 25.3 37.9

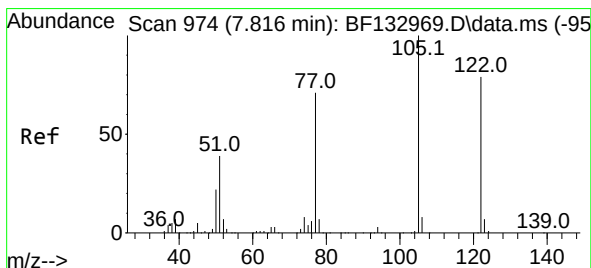
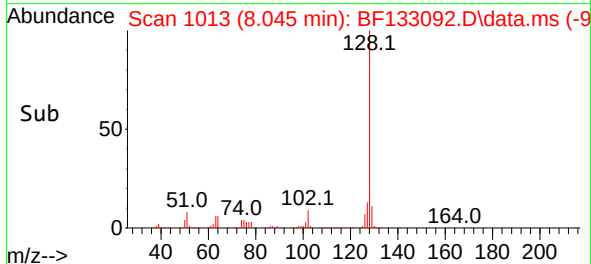
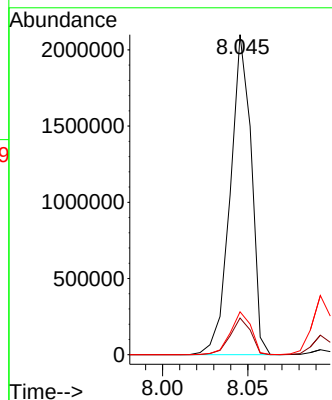
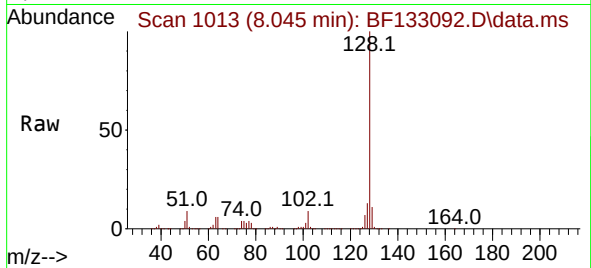




#31
Naphthalene
Concen: 42.270 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

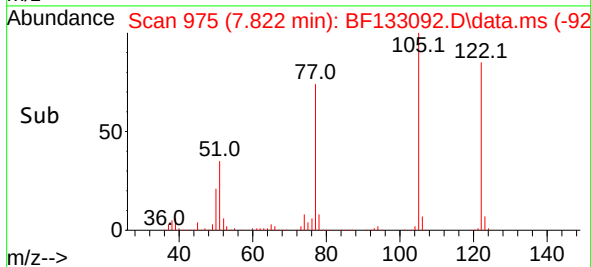
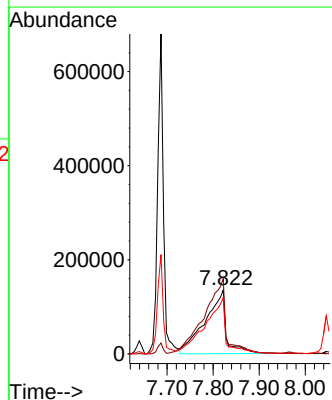
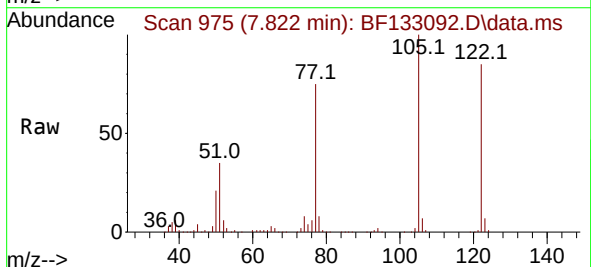
Instrument :
BNA_F
ClientSampleId :
PB152384BS

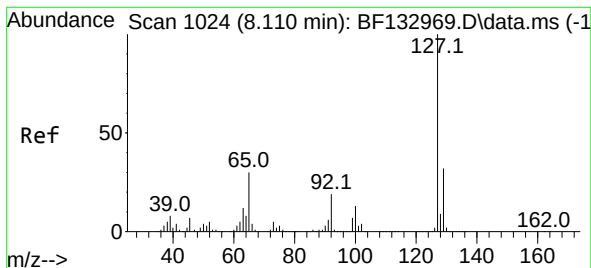
Tgt Ion:128 Resp: 1797835
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 53.373 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.024 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:122 Resp: 435460
Ion Ratio Lower Upper
122 100
105 117.9 104.2 144.2
77 88.0 69.7 109.7





#33

4-Chloroaniline

Concen: 21.045 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:127 Resp: 361657

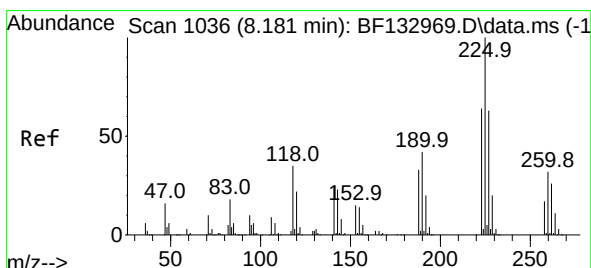
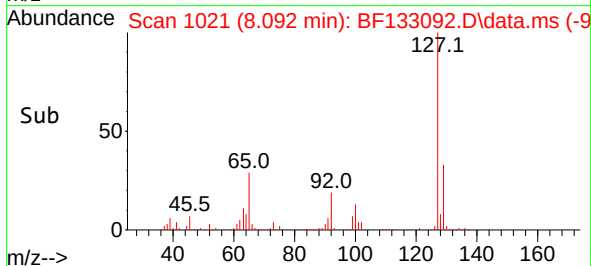
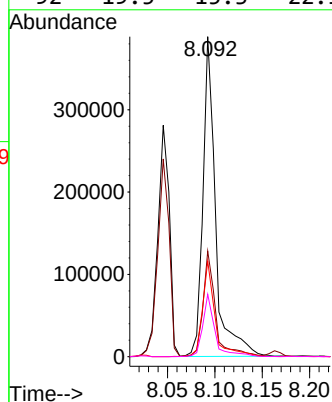
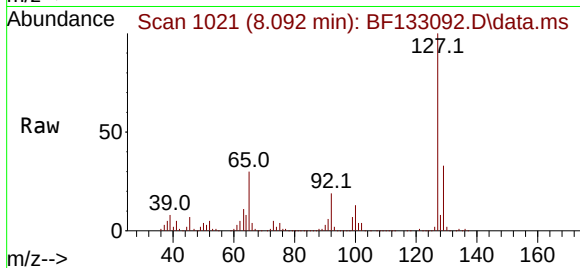
Ion Ratio Lower Upper

127 100

129 33.0 25.8 38.8

65 29.9 23.6 35.4

92 19.5 15.3 22.9



#34

Hexachlorobutadiene

Concen: 42.871 ng

RT: 8.163 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

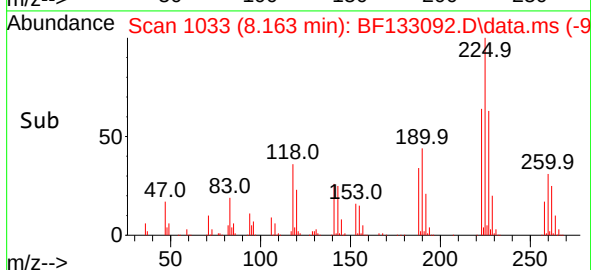
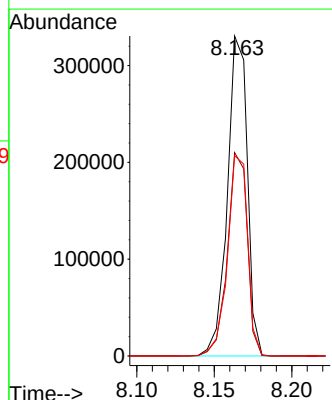
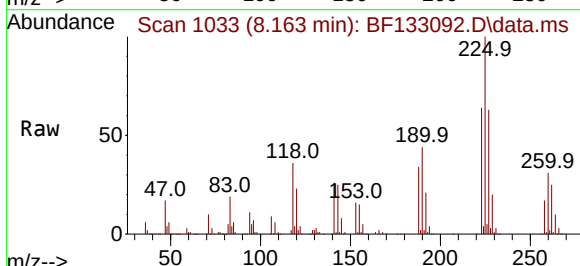
Tgt Ion:225 Resp: 295994

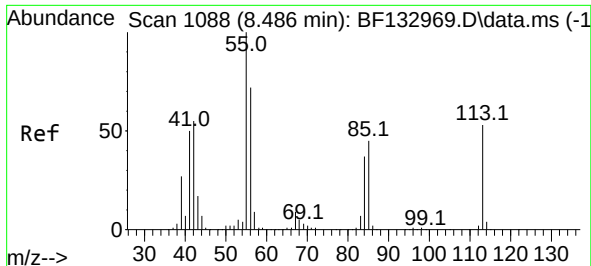
Ion Ratio Lower Upper

225 100

223 63.5 50.9 76.3

227 62.6 50.3 75.5

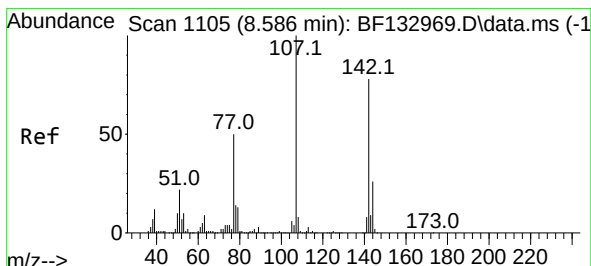
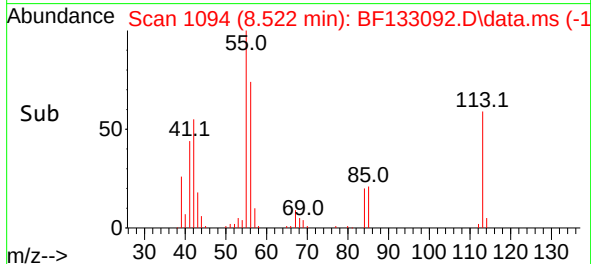
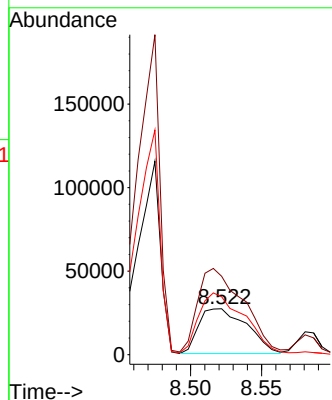
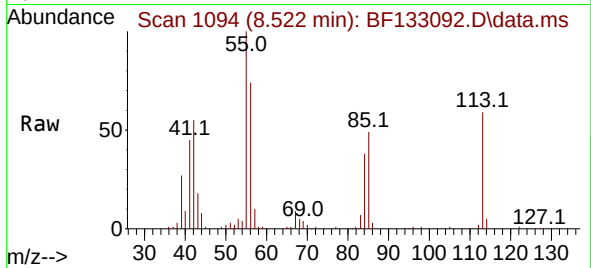




#35
 Caprolactam
 Concen: 15.668 ng
 RT: 8.522 min Scan# 1104
 Delta R.T. 0.053 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14

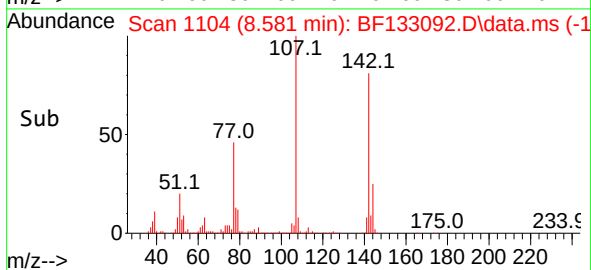
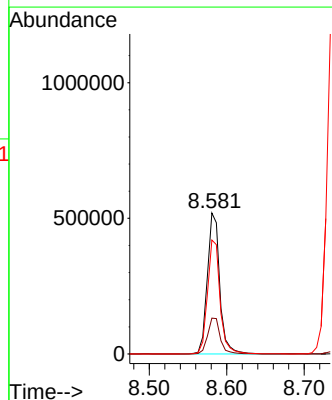
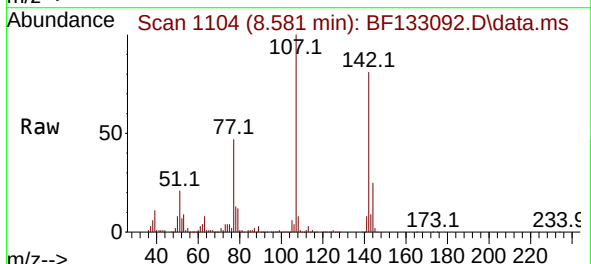
Instrument :
 BNA_F
 ClientSampleId :
 PB152384BS

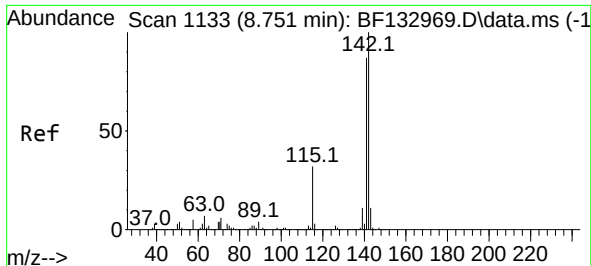
Tgt Ion:113 Resp: 63289
 Ion Ratio Lower Upper
 113 100
 55 170.5 167.1 207.1
 56 126.0 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.591 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: BF133092.D
 Acq: 27 Apr 2023 11:14

Tgt Ion:107 Resp: 578194
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 80.8 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.721 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

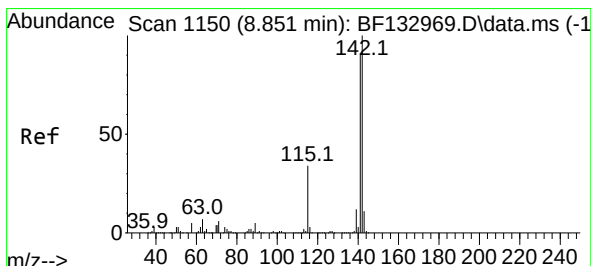
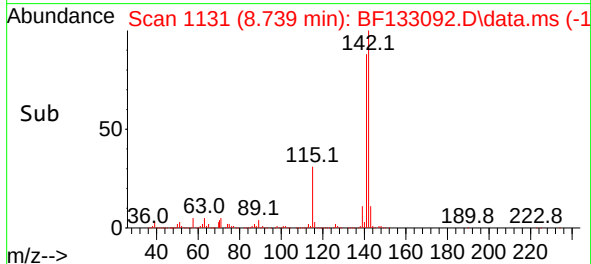
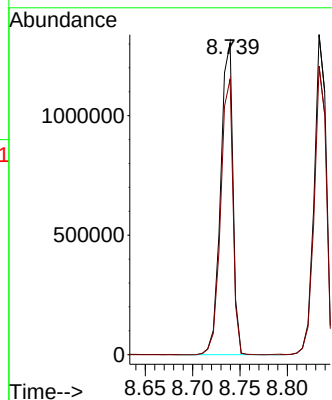
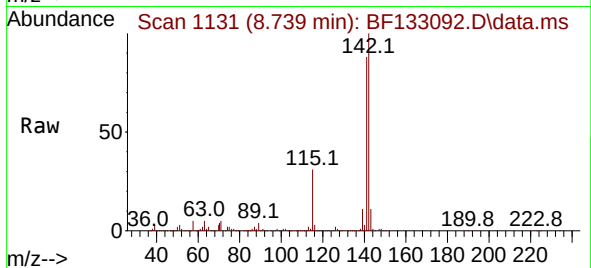
PB152384BS

Tgt Ion:142 Resp: 1184084

Ion Ratio Lower Upper

142 100

141 88.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 43.241 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133092.D

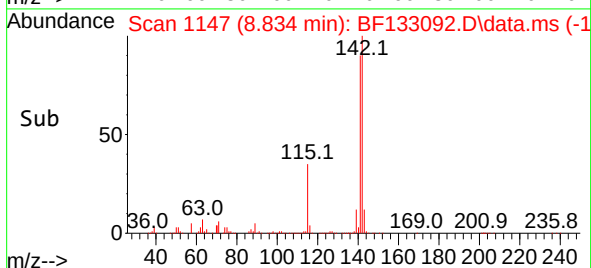
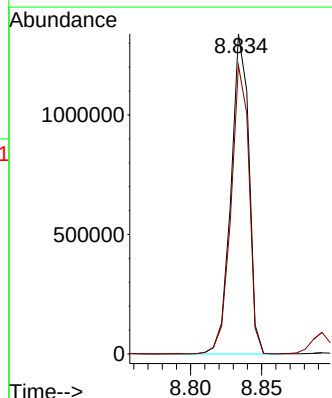
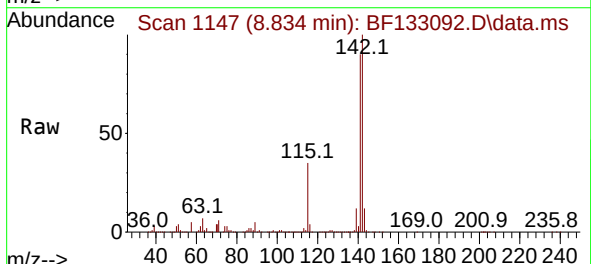
Acq: 27 Apr 2023 11:14

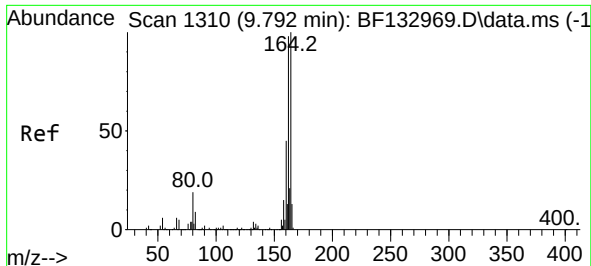
Tgt Ion:142 Resp: 1176244

Ion Ratio Lower Upper

142 100

141 90.2 73.1 109.7

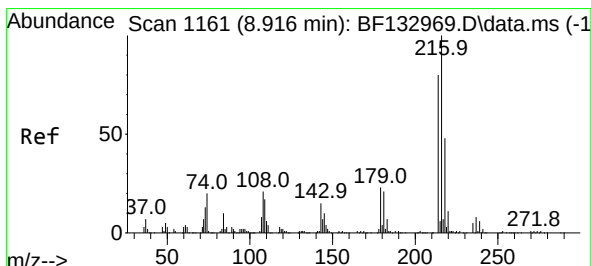
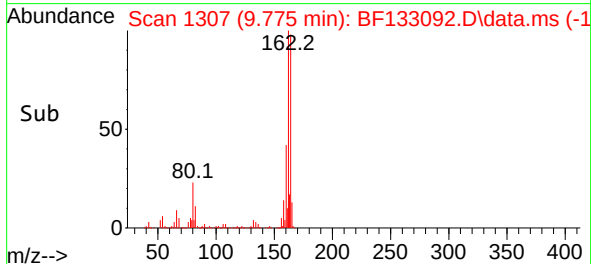
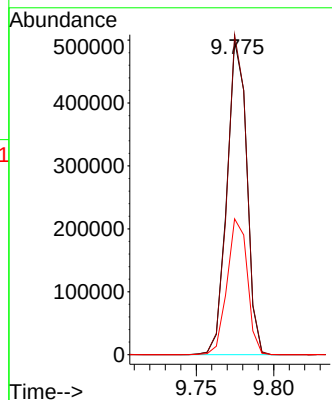
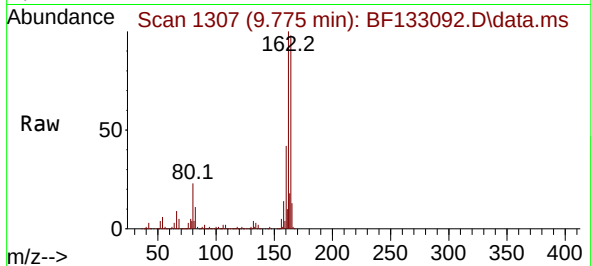




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

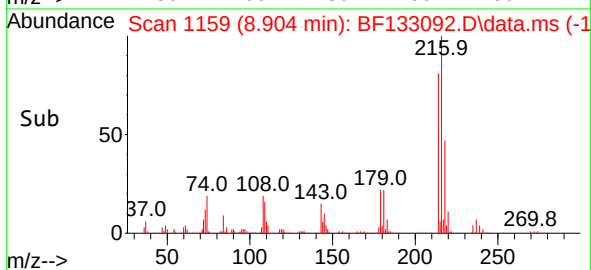
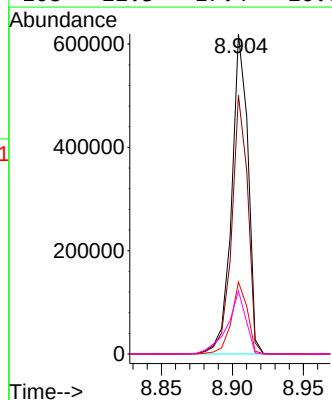
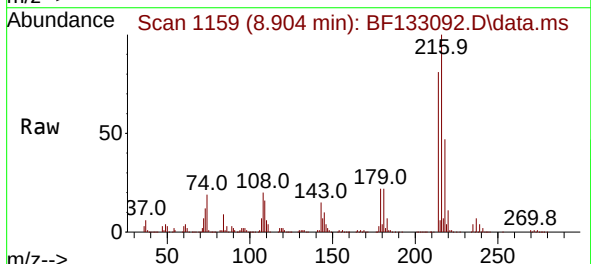
Instrument :
BNA_F
ClientSampleId :
PB152384BS

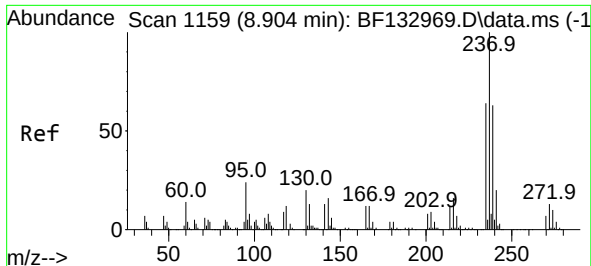
Tgt Ion:164 Resp: 443617
Ion Ratio Lower Upper
164 100
162 101.7 78.7 118.1
160 43.2 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.590 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:216 Resp: 496064
Ion Ratio Lower Upper
216 100
214 79.5 63.5 95.3
179 22.0 17.4 26.2
108 22.3 17.4 26.0

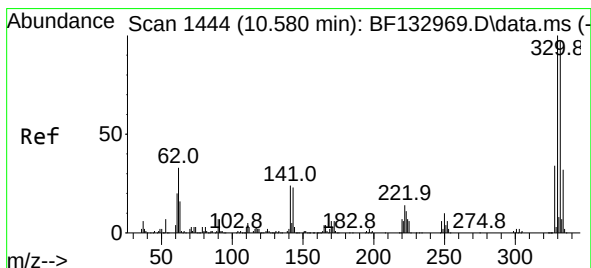
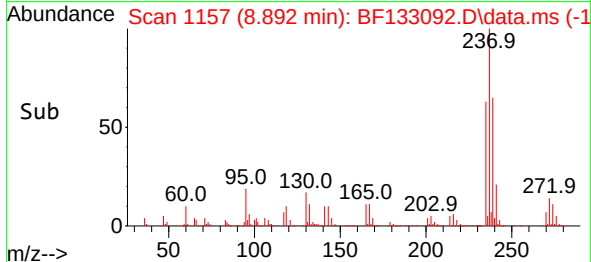
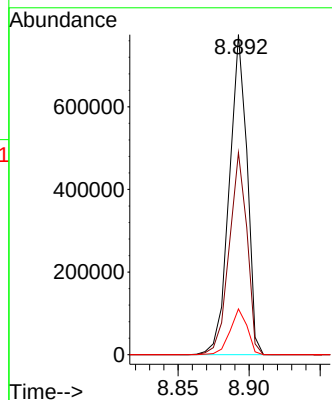
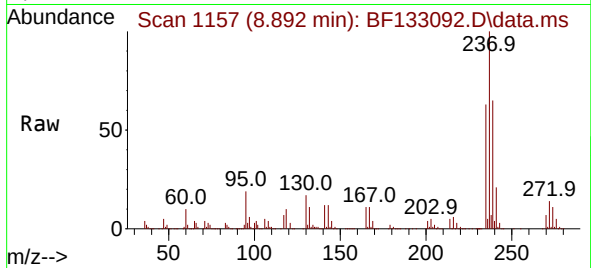




#41
Hexachlorocyclopentadiene
Concen: 96.643 ng
RT: 8.892 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

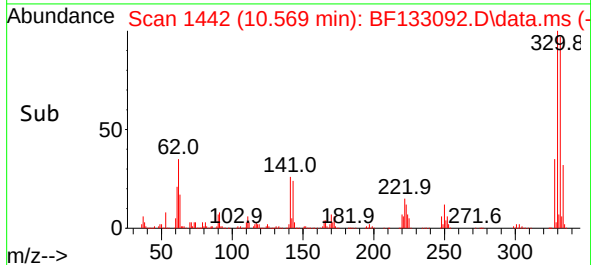
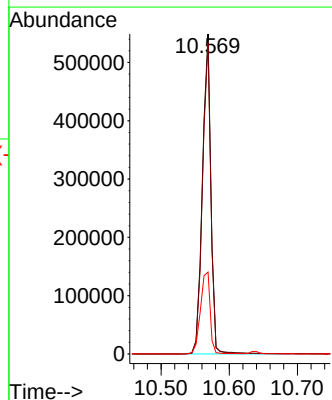
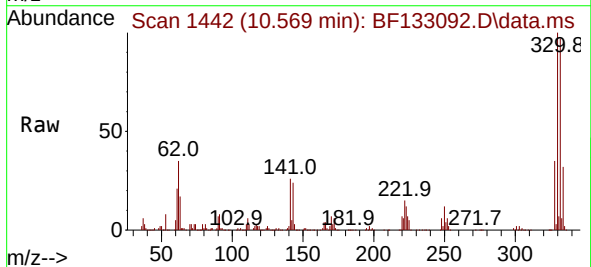
Instrument :
BNA_F
ClientSampleId :
PB152384BS

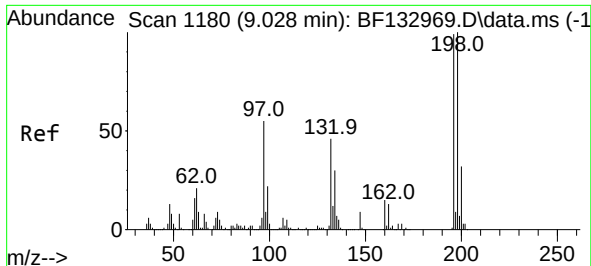
Tgt Ion:237 Resp: 672270
Ion Ratio Lower Upper
237 100
235 63.2 43.5 83.5
272 14.3 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 106.514 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:330 Resp: 475202
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 29.2 25.8 38.8

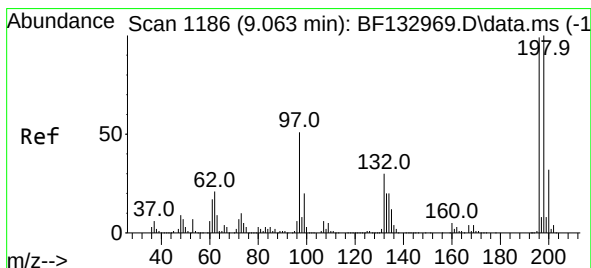
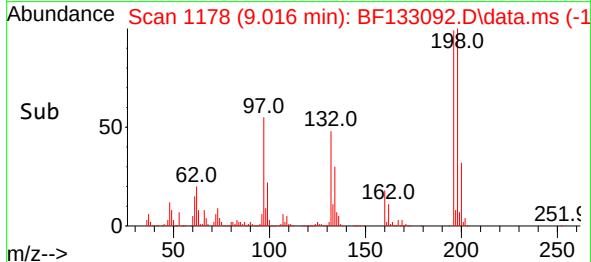
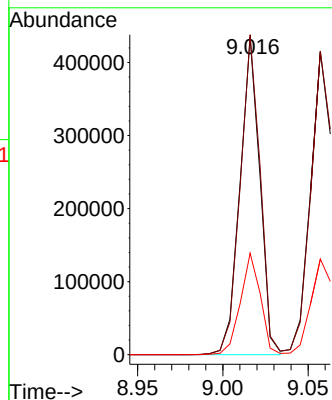
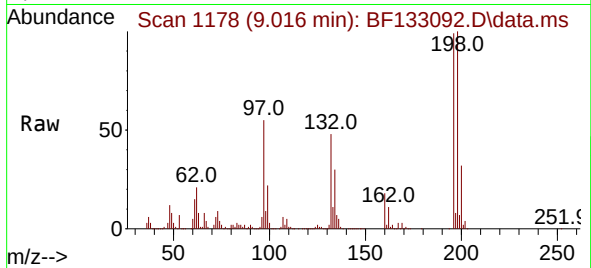




#43
2,4,6-Trichlorophenol
Concen: 42.725 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

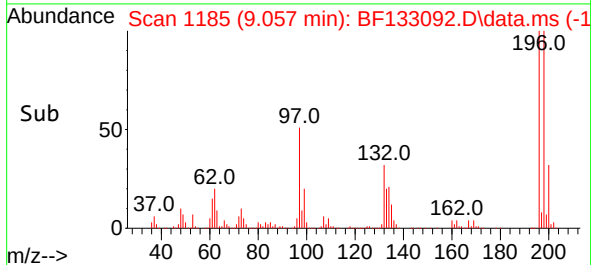
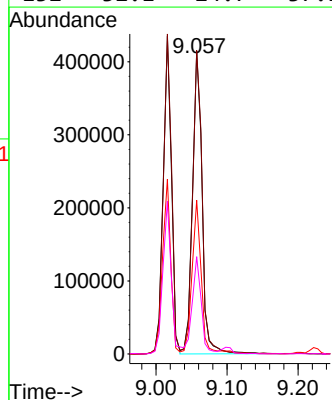
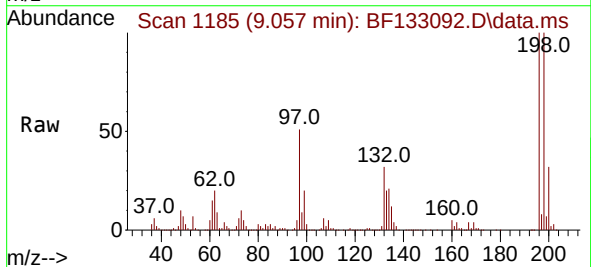
Instrument :
BNA_F
ClientSampleId :
PB152384BS

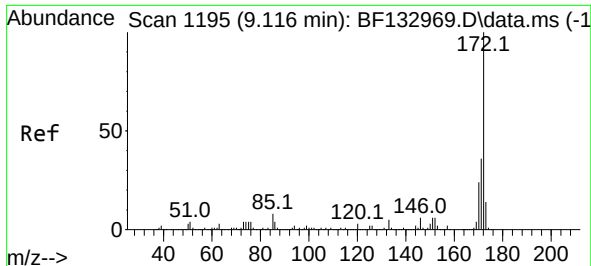
Tgt Ion:196 Resp: 352429
Ion Ratio Lower Upper
196 100
198 100.7 81.0 121.6
200 31.9 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 40.963 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:196 Resp: 390781
Ion Ratio Lower Upper
196 100
198 100.3 80.9 121.3
97 50.8 41.3 61.9
132 32.1 24.7 37.1

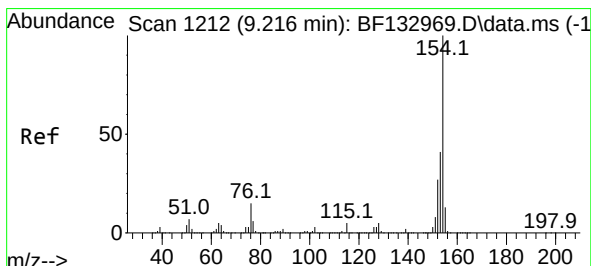
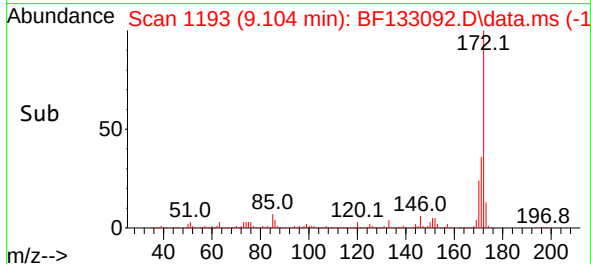
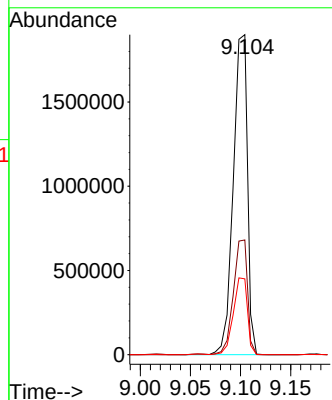
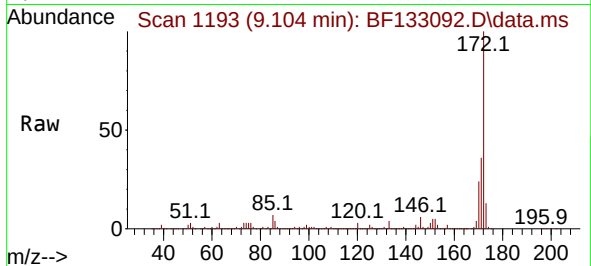




#45
2-Fluorobiphenyl
Concen: 70.662 ng
RT: 9.104 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

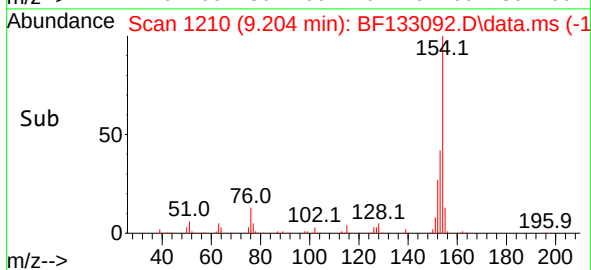
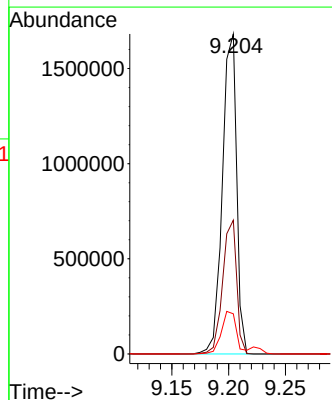
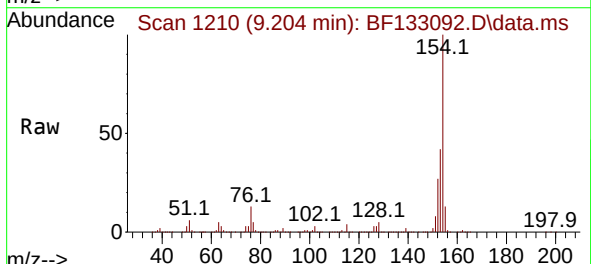
Instrument :
BNA_F
ClientSampleId :
PB152384BS

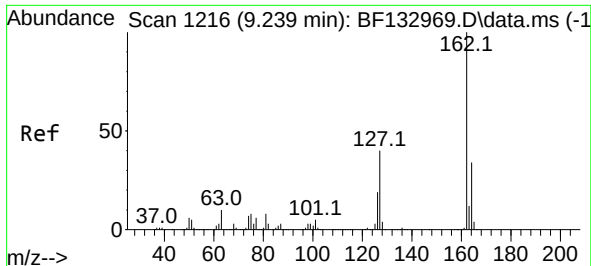
Tgt Ion:172 Resp: 1873680
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.802 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:154 Resp: 1470476
Ion Ratio Lower Upper
154 100
153 41.8 21.0 61.0
76 12.5 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.892 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

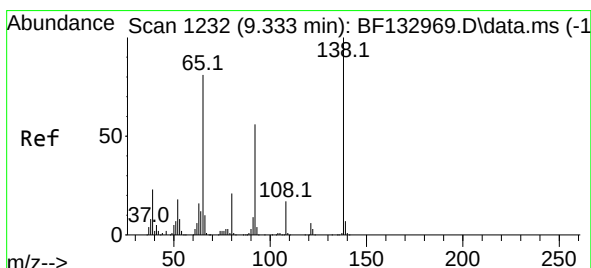
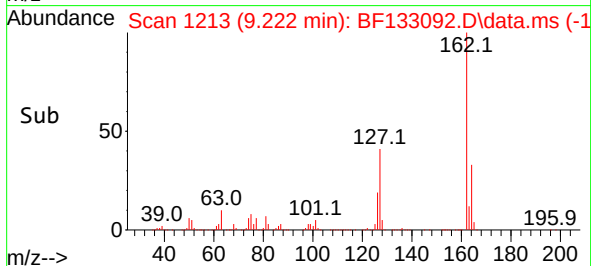
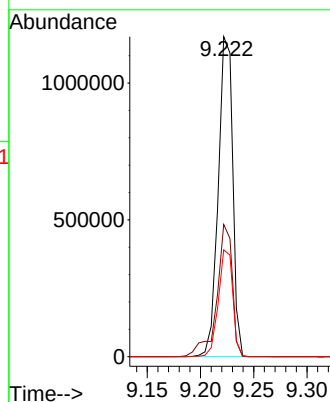
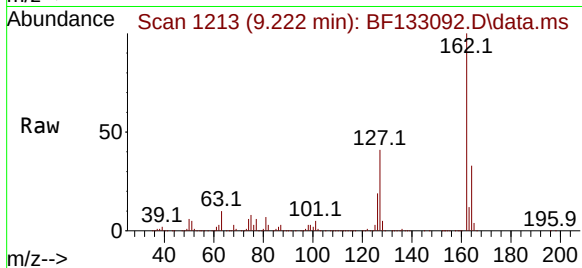
Tgt Ion:162 Resp: 1104337

Ion Ratio Lower Upper

162 100

127 41.3 32.3 48.5

164 33.4 26.8 40.2



#48

2-Nitroaniline

Concen: 40.860 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

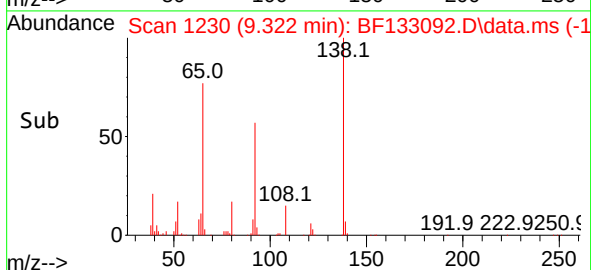
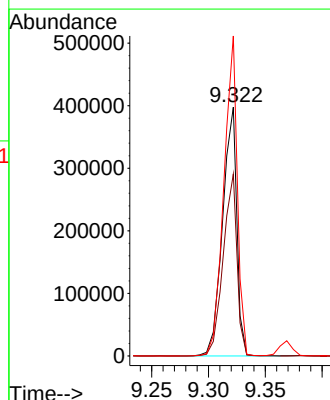
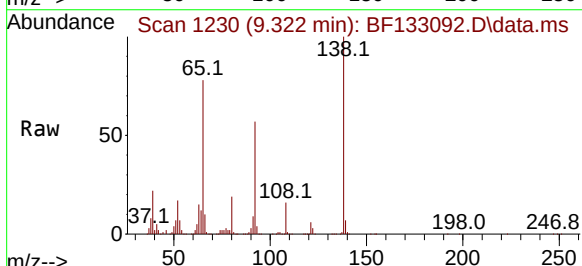
Tgt Ion: 65 Resp: 347691

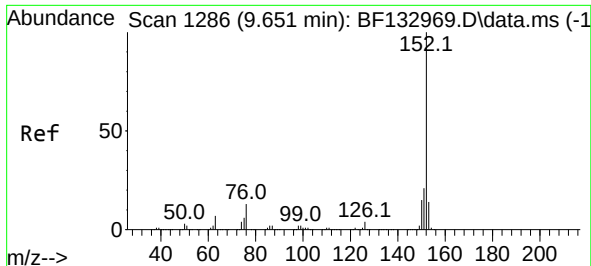
Ion Ratio Lower Upper

65 100

92 73.1 55.4 83.0

138 128.6 98.2 147.2





#49

Acenaphthylene

Concen: 41.525 ng

RT: 9.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

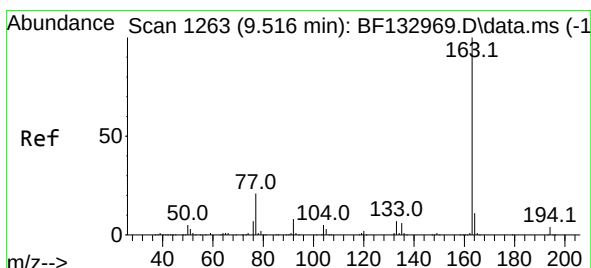
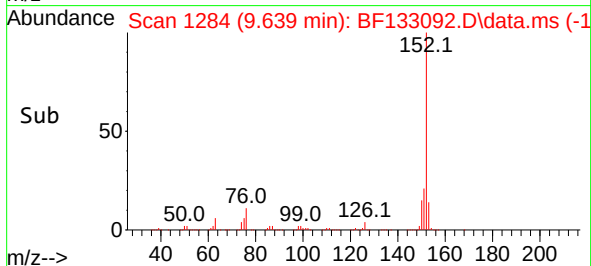
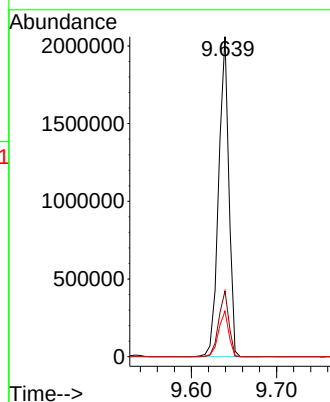
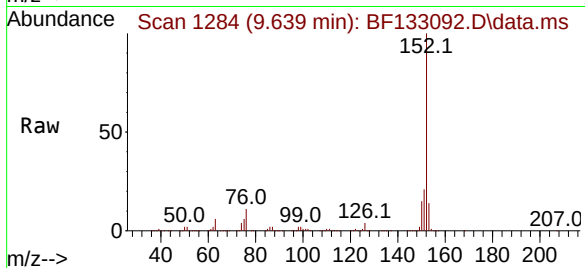
Tgt Ion:152 Resp: 1708354

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.2 11.5 17.3



#50

Dimethylphthalate

Concen: 41.428 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

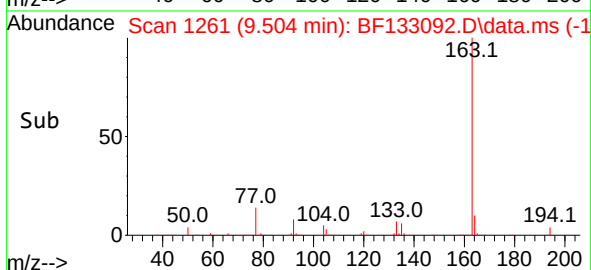
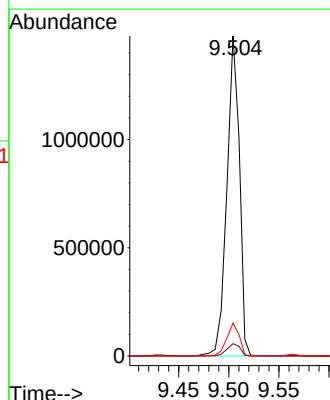
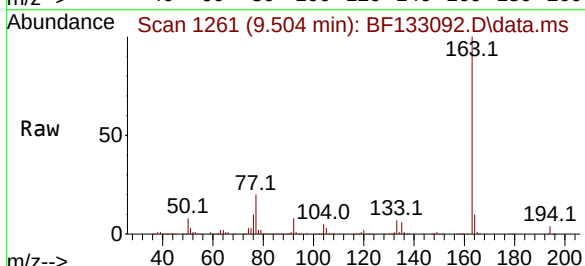
Tgt Ion:163 Resp: 1281480

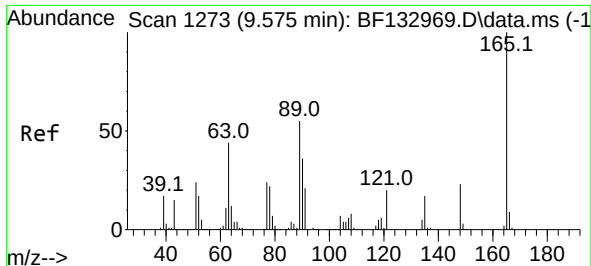
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 44.342 ng

RT: 9.563 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

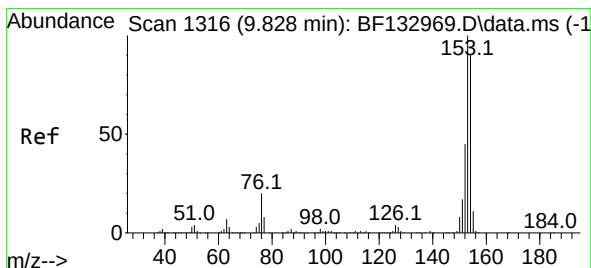
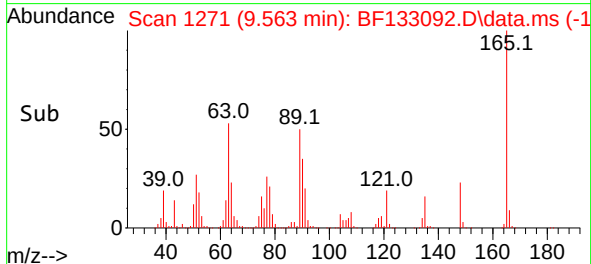
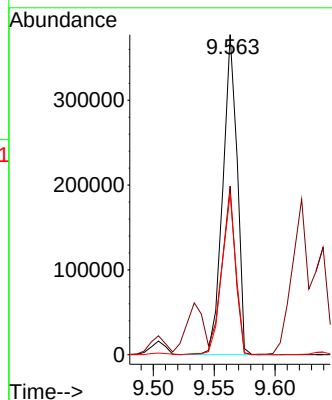
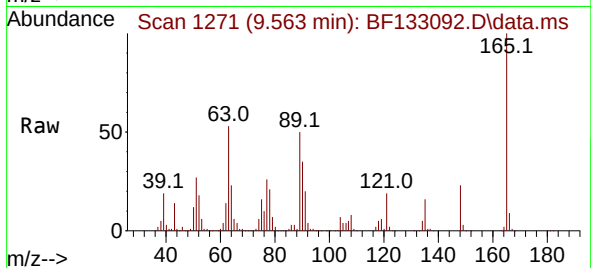
Tgt Ion:165 Resp: 308715

Ion Ratio Lower Upper

165 100

63 52.6 45.9 68.9

89 50.2 44.0 66.0



#52

Acenaphthene

Concen: 39.041 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

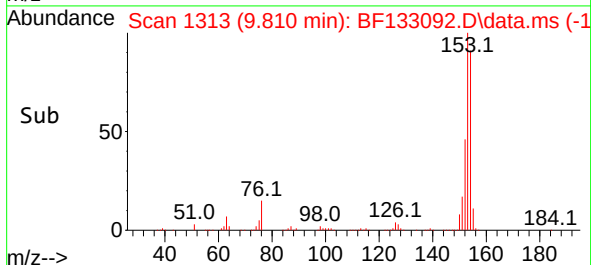
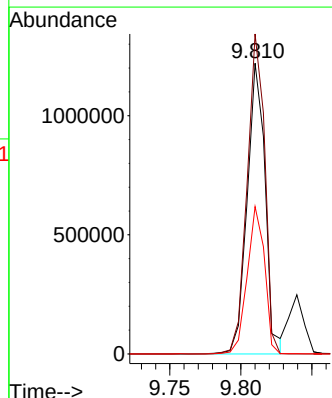
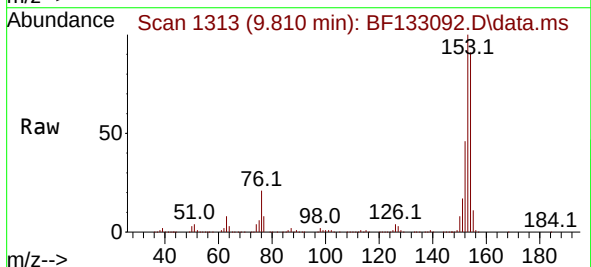
Tgt Ion:154 Resp: 1075729

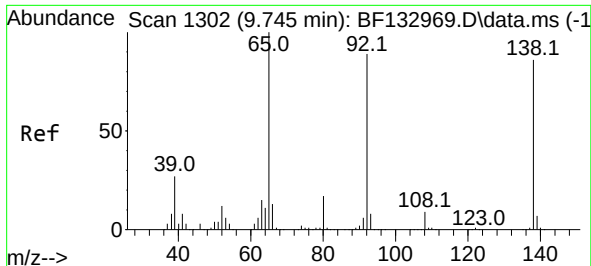
Ion Ratio Lower Upper

154 100

153 110.1 89.0 133.6

152 50.7 40.4 60.6

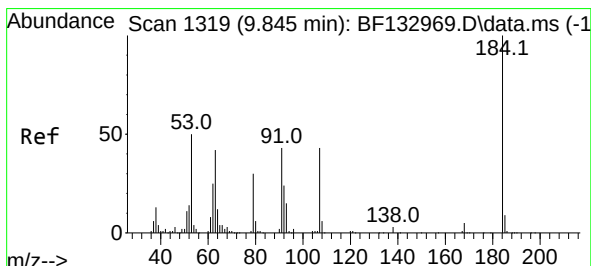
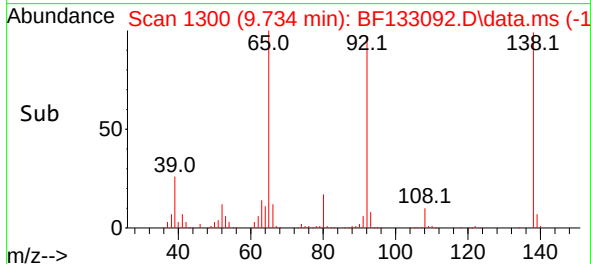
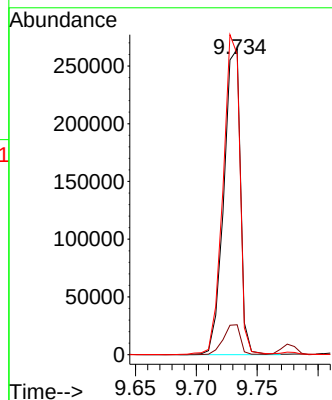
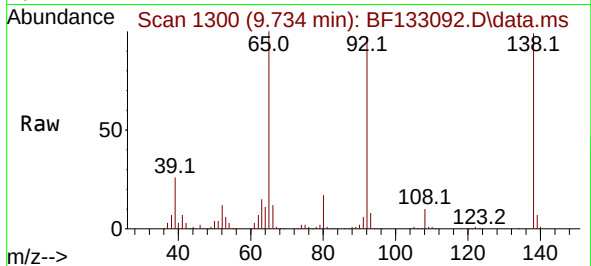




#53
3-Nitroaniline
Concen: 30.460 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

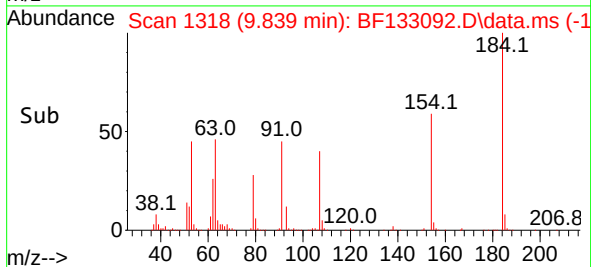
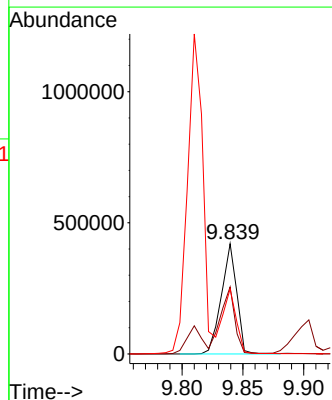
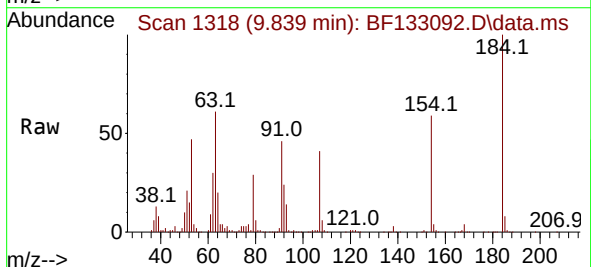
Instrument :
BNA_F
ClientSampleId :
PB152384BS

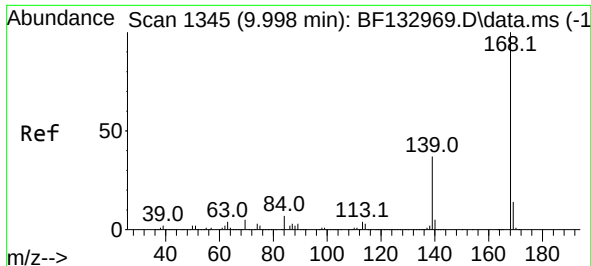
Tgt Ion:138 Resp: 252155
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 98.4 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 105.835 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:184 Resp: 370370
Ion Ratio Lower Upper
184 100
63 60.8 49.8 74.8
154 59.1 49.5 74.3

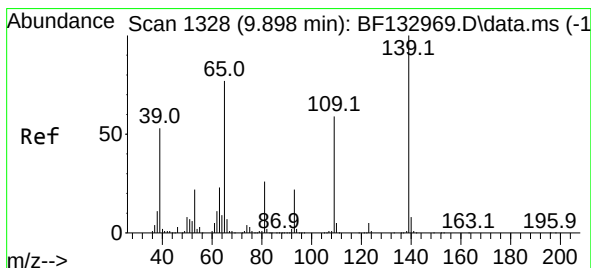
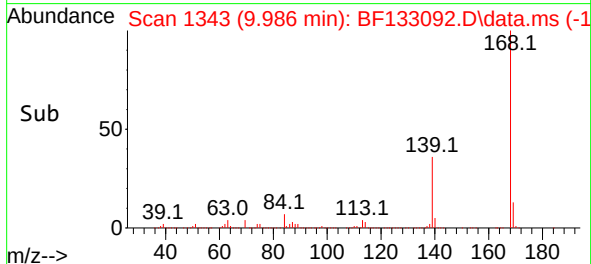
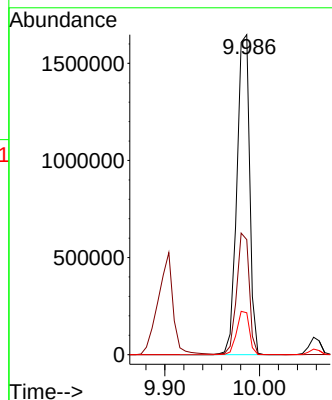
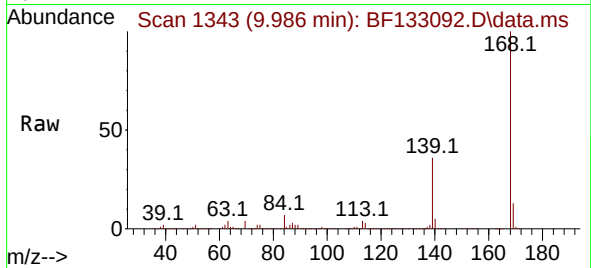




#55
Dibenzenofuran
Concen: 40.820 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

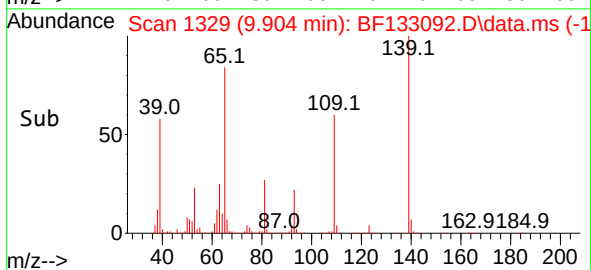
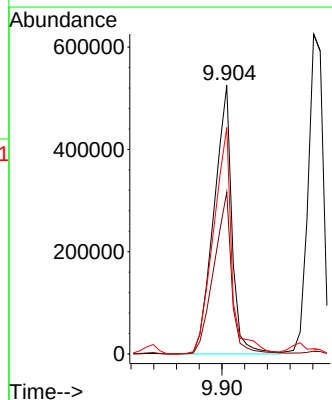
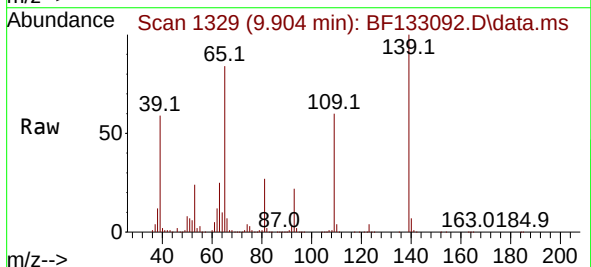
Instrument :
BNA_F
ClientSampleId :
PB152384BS

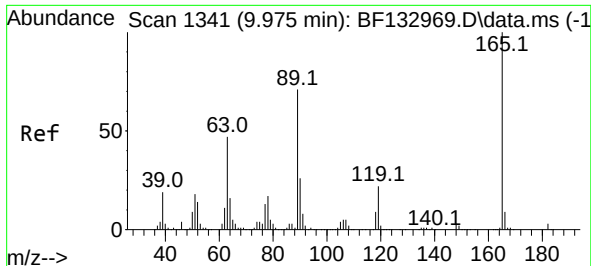
Tgt Ion:168 Resp: 1534243
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 90.393 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:139 Resp: 579557
Ion Ratio Lower Upper
139 100
109 60.3 39.4 79.4
65 84.3 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 45.647 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion:165 Resp: 405280

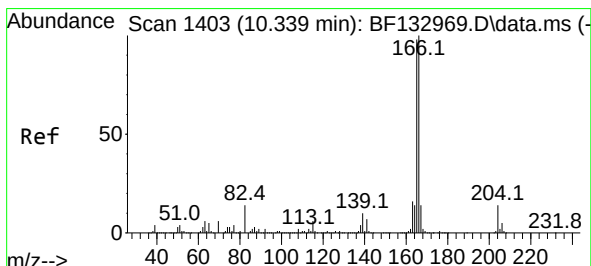
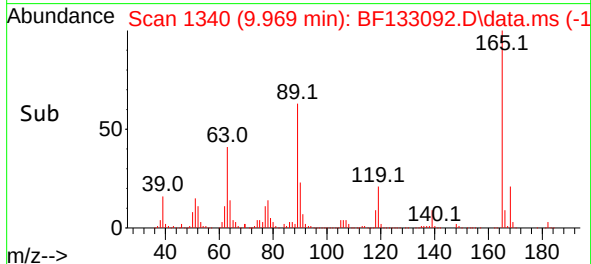
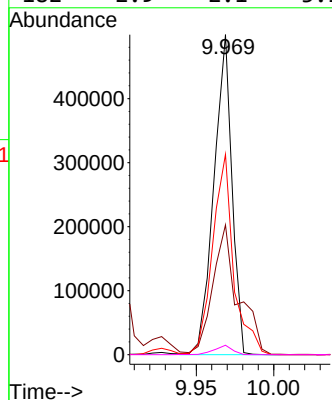
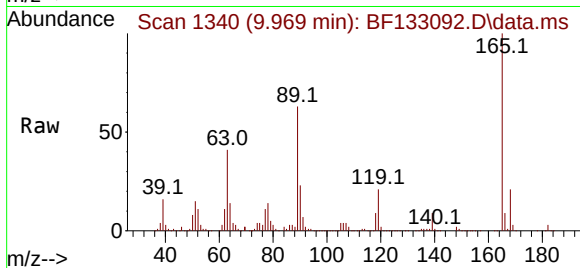
Ion Ratio Lower Upper

165 100

63 40.6 37.7 56.5

89 62.6 57.0 85.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 41.434 ng

RT: 10.328 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

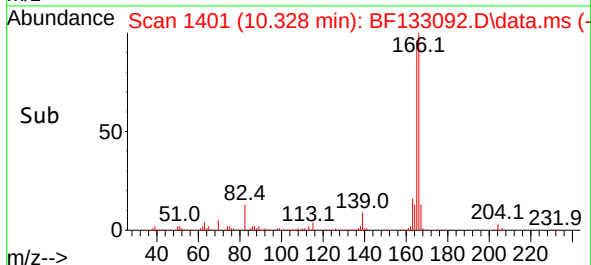
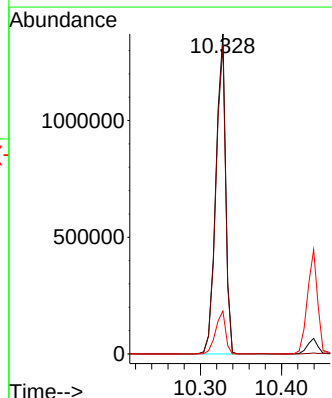
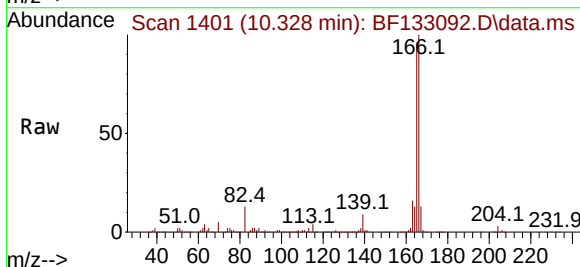
Tgt Ion:166 Resp: 1140967

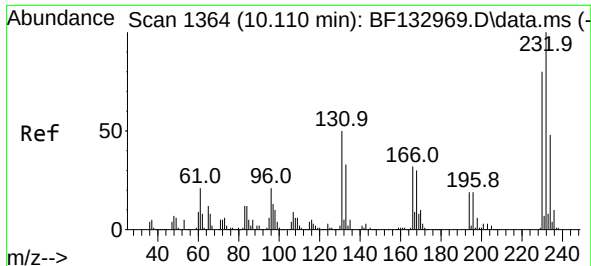
Ion Ratio Lower Upper

166 100

165 96.5 78.6 117.8

167 13.4 11.0 16.4

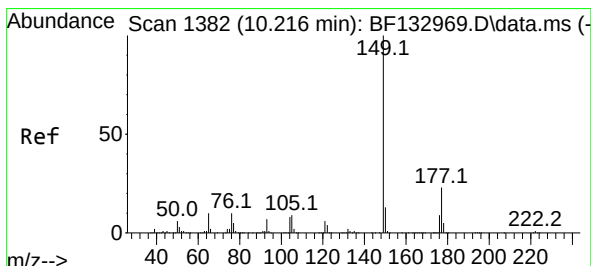
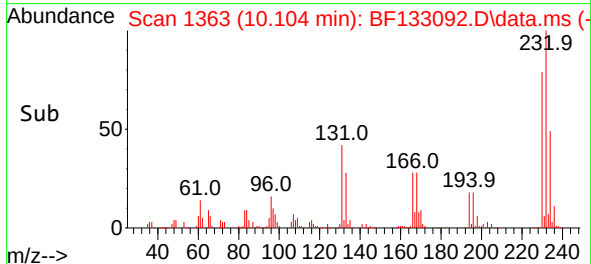
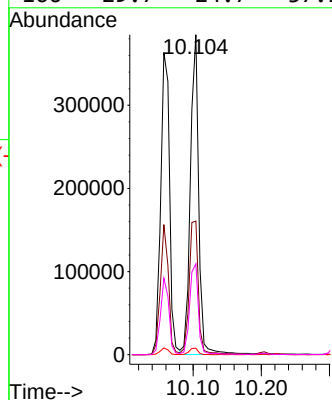
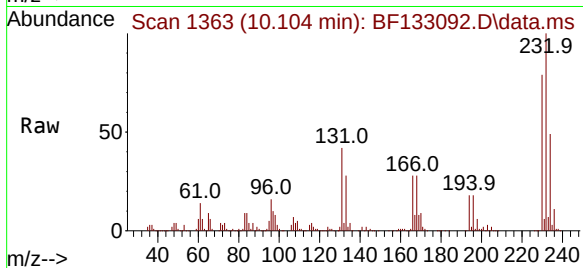




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.764 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

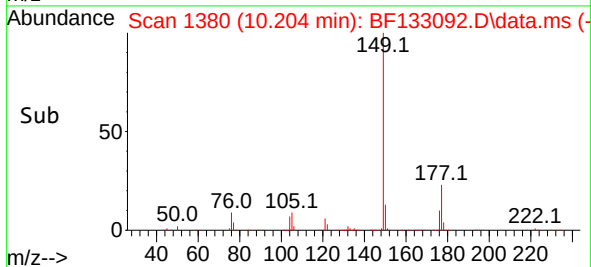
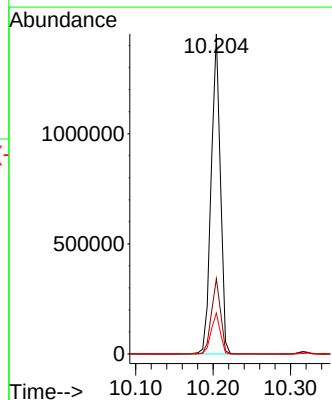
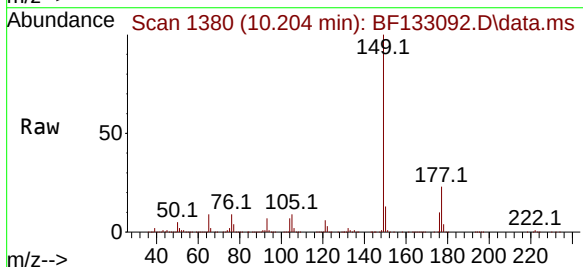
Instrument :
BNA_F
ClientSampleId :
PB152384BS

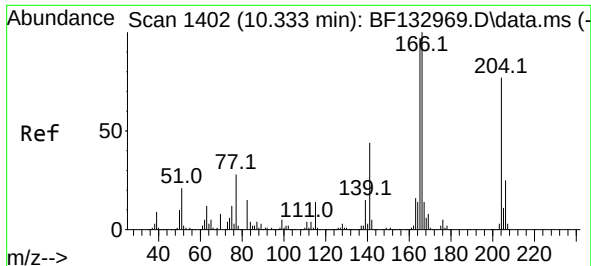
Tgt Ion:232 Resp: 323672
Ion Ratio Lower Upper
232 100
131 46.7 38.0 57.0
130 2.2 1.8 2.8
166 29.7 24.7 37.1



#60
Diethylphthalate
Concen: 40.973 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:149 Resp: 1197139
Ion Ratio Lower Upper
149 100
177 23.5 18.2 27.4
150 12.8 10.2 15.4

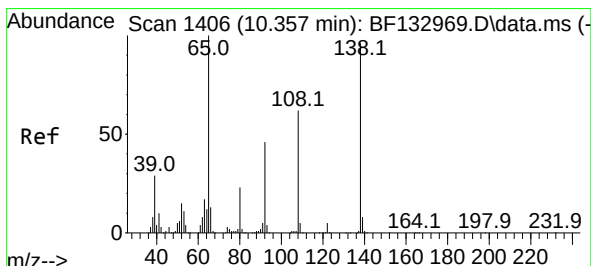
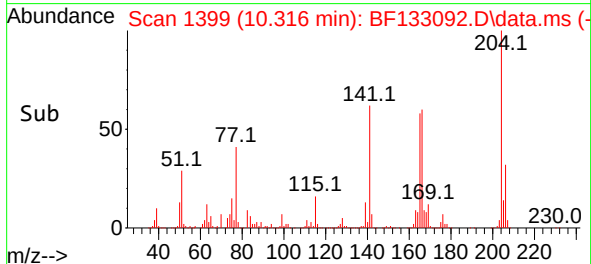
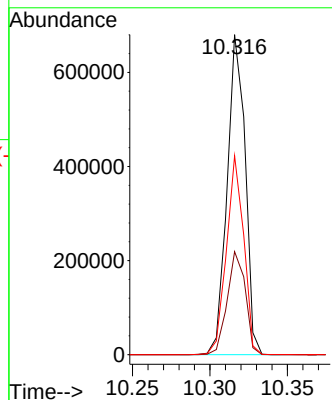
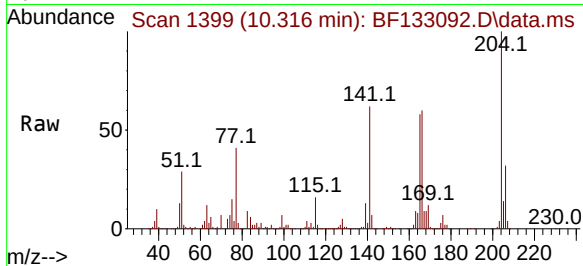




#61
4-Chlorophenyl-phenylether
Concen: 41.041 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

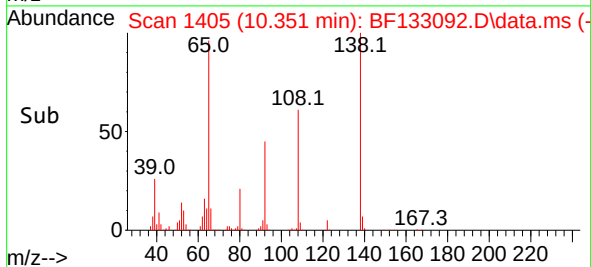
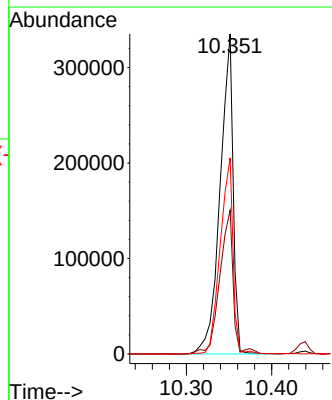
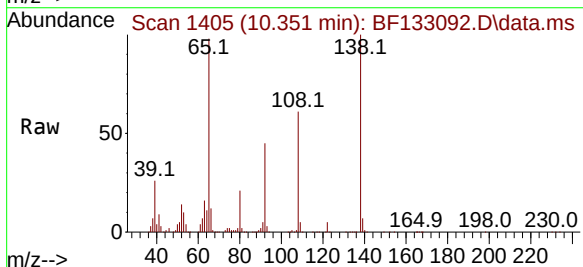
Instrument :
BNA_F
ClientSampleId :
PB152384BS

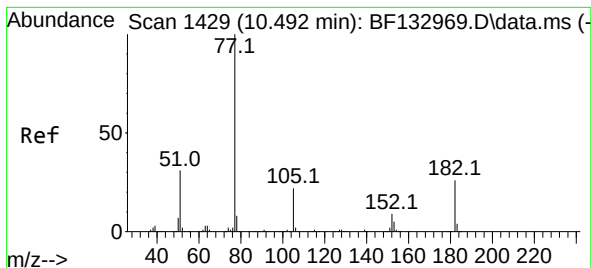
Tgt Ion:204 Resp: 550744
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 62.1 46.1 69.1



#62
4-Nitroaniline
Concen: 46.622 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:138 Resp: 354721
Ion Ratio Lower Upper
138 100
92 45.0 27.7 67.7
108 61.3 45.2 85.2





#63

Azobenzene

Concen: 38.964 ng

RT: 10.481 min Scan# 1429

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

Tgt Ion: 77 Resp: 1205997

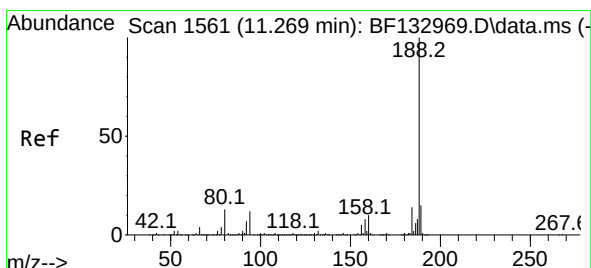
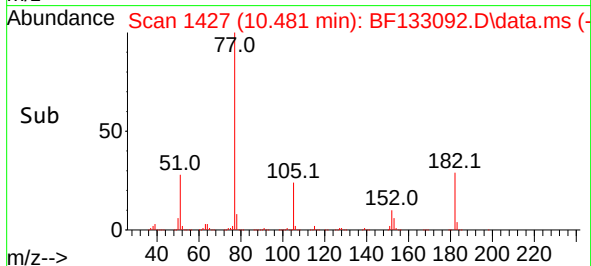
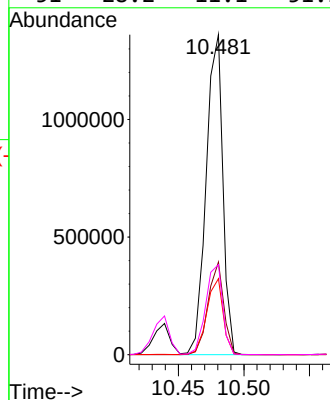
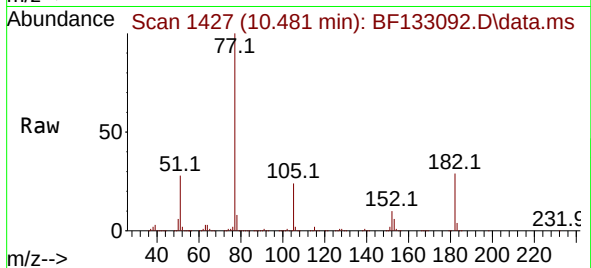
Ion Ratio Lower Upper

77 100

182 29.0 5.9 45.9

105 23.8 2.3 42.3

51 28.2 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.257 min Scan# 1559

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

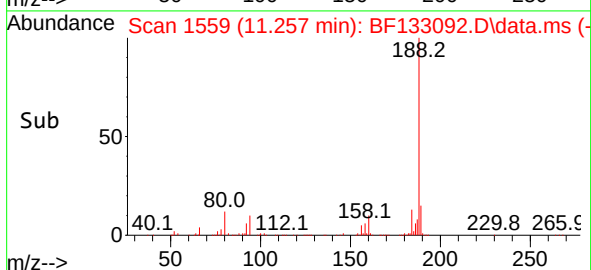
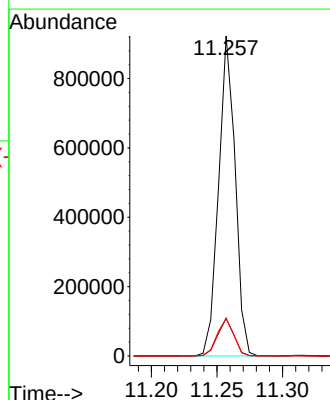
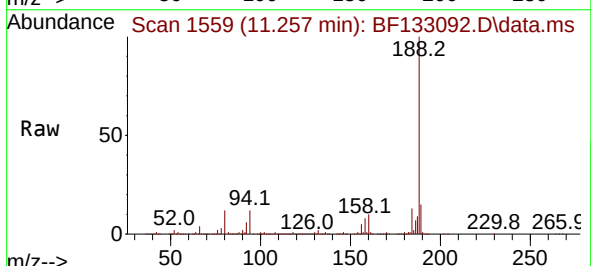
Tgt Ion: 188 Resp: 808689

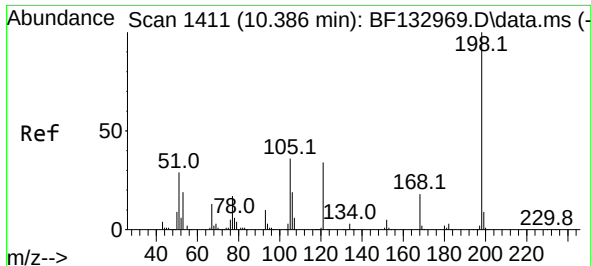
Ion Ratio Lower Upper

188 100

94 11.7 9.7 14.5

80 11.8 10.4 15.6

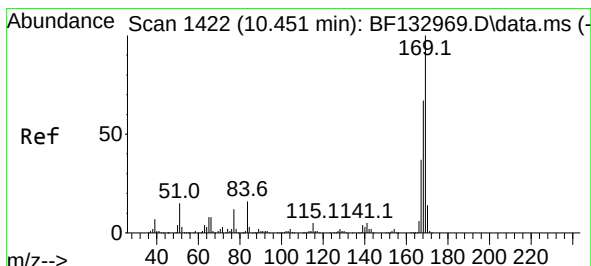
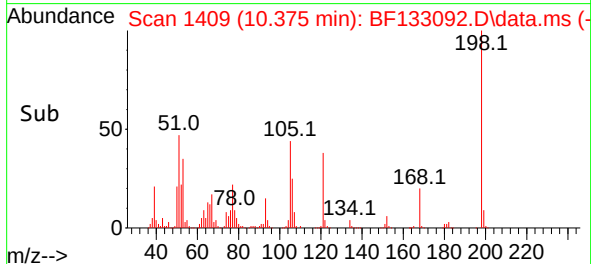
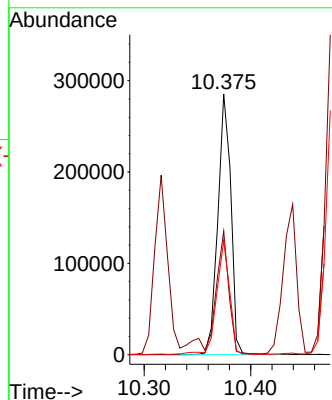
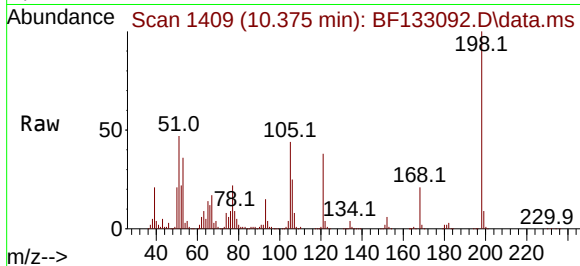




#65
4,6-Dinitro-2-methylphenol
Concen: 49.350 ng
RT: 10.375 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

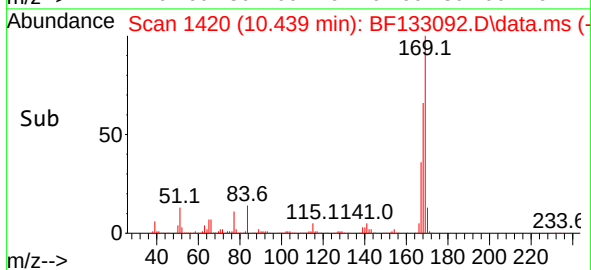
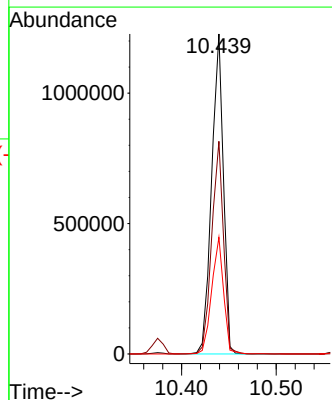
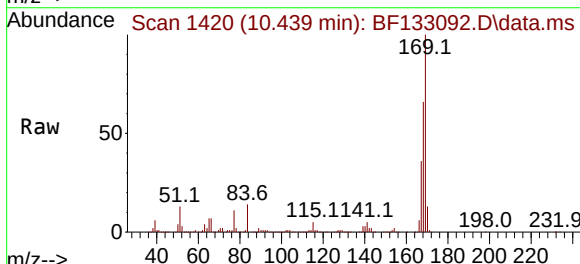
Instrument :
BNA_F
ClientSampleId :
PB152384BS

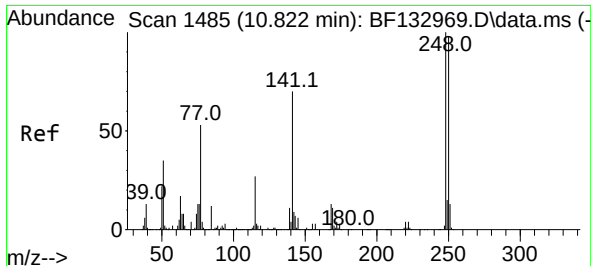
Tgt Ion:198 Resp: 241897
Ion Ratio Lower Upper
198 100
51 47.4 15.5 55.5
105 43.8 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 40.373 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:169 Resp: 1059065
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.8
167 36.5 29.7 44.5

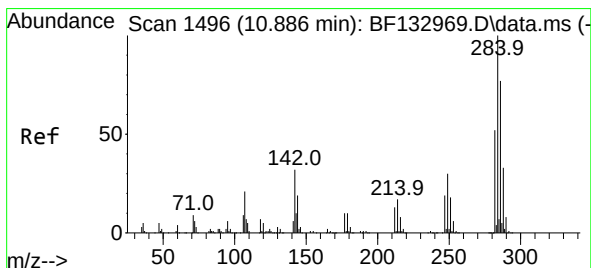
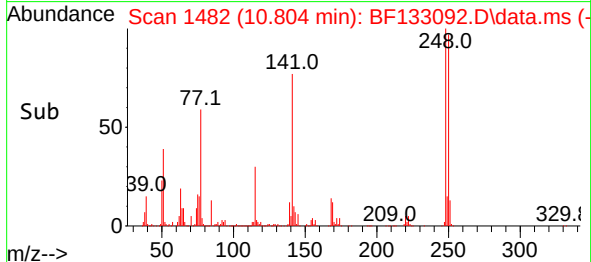
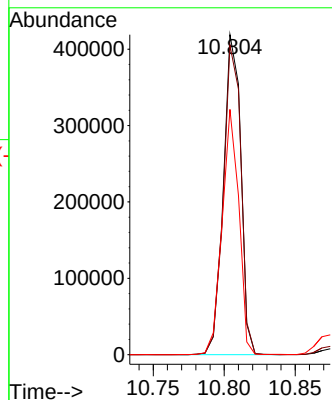
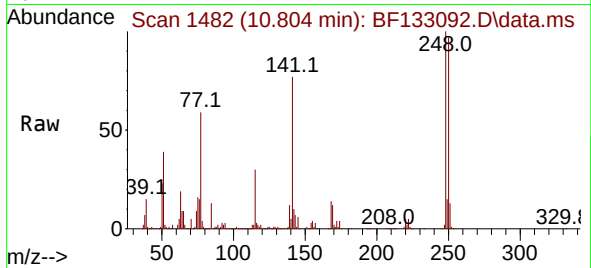




#67
4-Bromophenyl-phenylether
Concen: 40.584 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

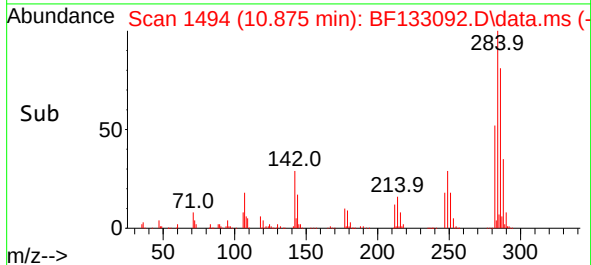
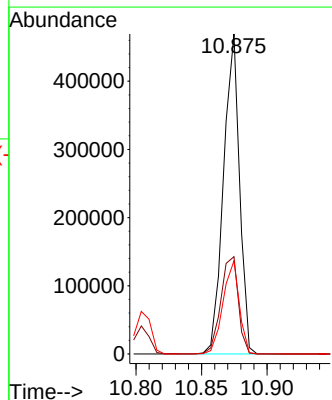
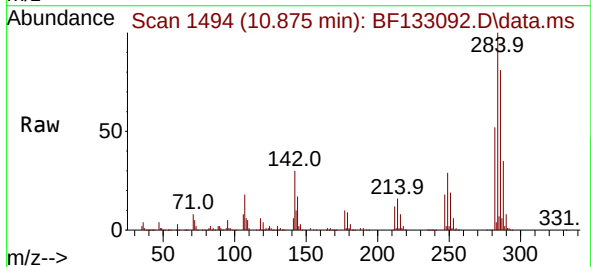
Instrument :
BNA_F
ClientSampleId :
PB152384BS

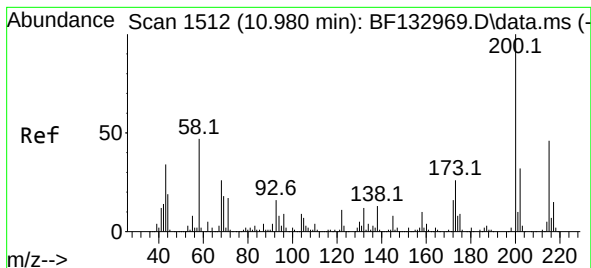
Tgt Ion:248 Resp: 355948
Ion Ratio Lower Upper
248 100
250 96.7 78.7 118.1
141 76.6 56.3 84.5



#68
Hexachlorobenzene
Concen: 44.155 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:284 Resp: 396834
Ion Ratio Lower Upper
284 100
142 30.4 26.0 39.0
249 29.1 23.7 35.5





#69

Atrazine

Concen: 46.075 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

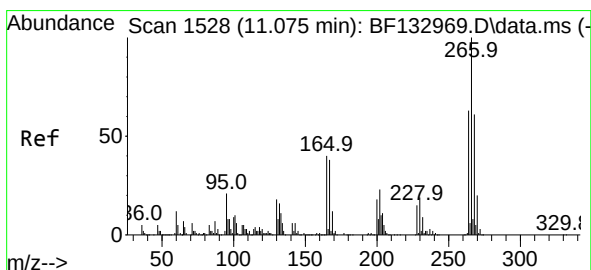
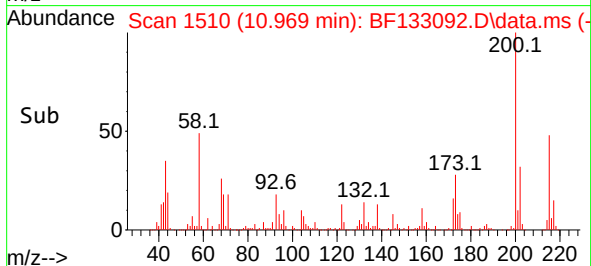
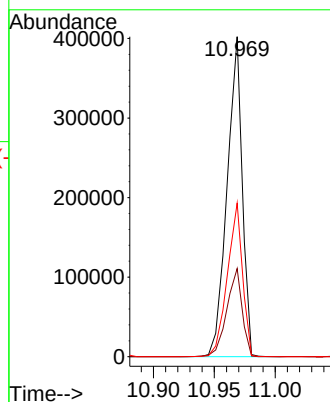
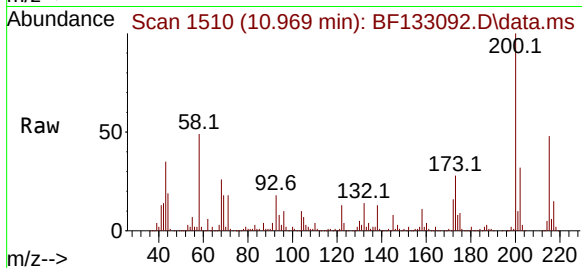
Tgt Ion:200 Resp: 348260

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

215 48.0 26.3 66.3



#70

Pentachlorophenol

Concen: 76.998 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

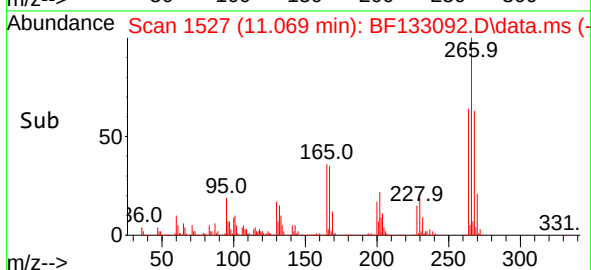
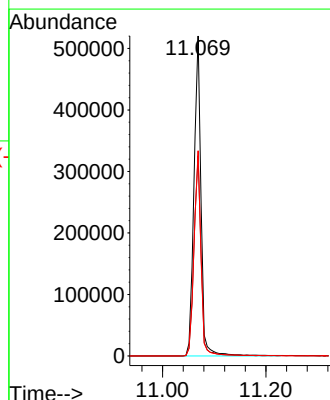
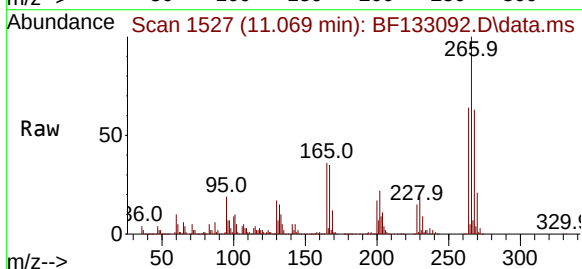
Tgt Ion:266 Resp: 492840

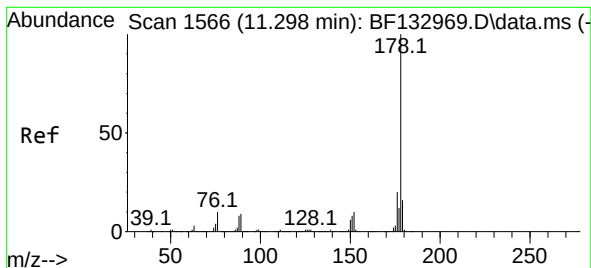
Ion Ratio Lower Upper

266 100

268 62.6 48.8 73.2

264 64.1 50.6 76.0





#71

Phenanthrene

Concen: 40.693 ng

RT: 11.286 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

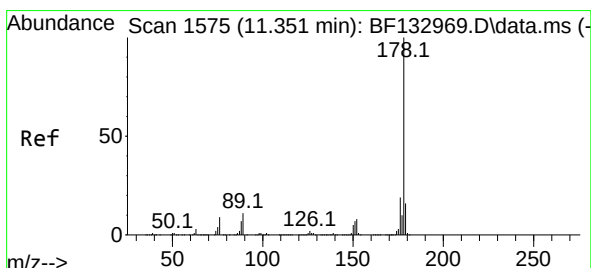
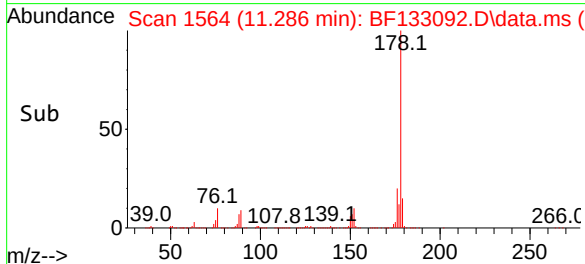
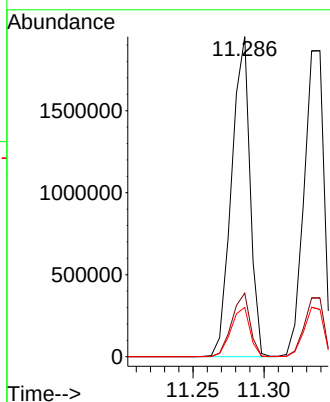
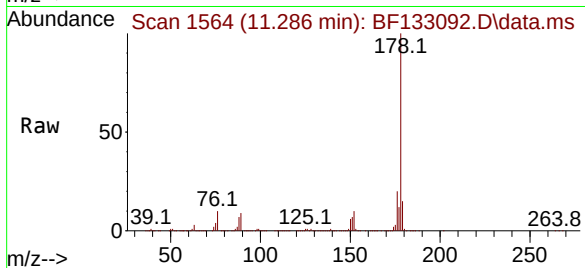
Tgt Ion:178 Resp: 1768693

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 40.886 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.006 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

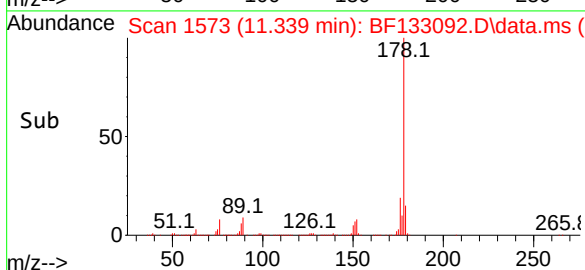
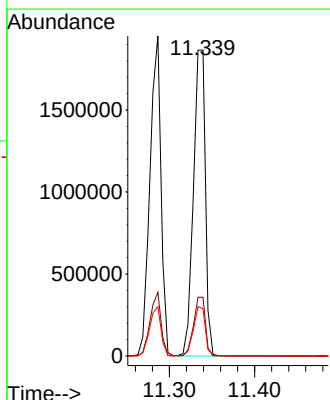
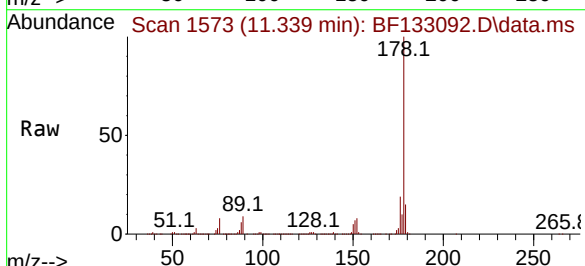
Tgt Ion:178 Resp: 1818665

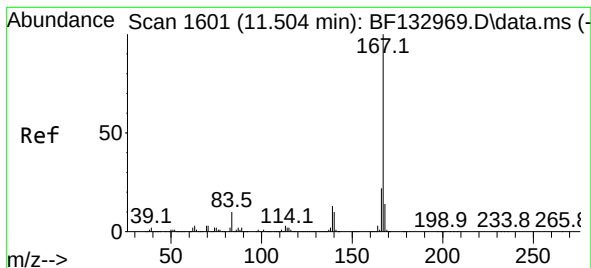
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.5 12.4 18.6





#73

Carbazole

Concen: 42.055 ng

RT: 11.492 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

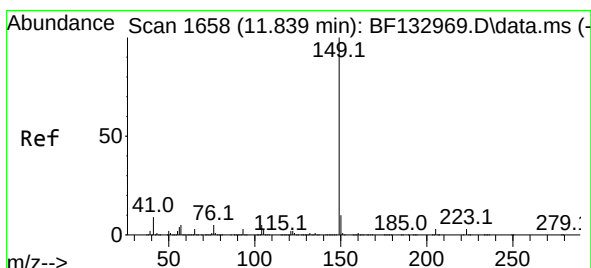
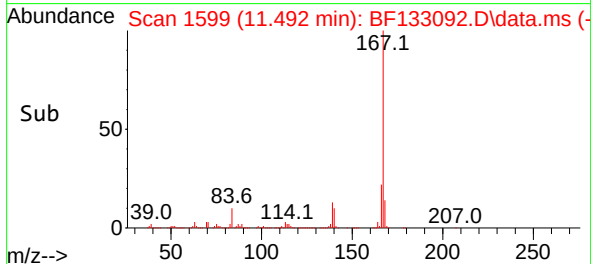
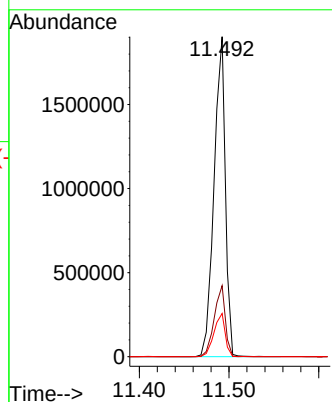
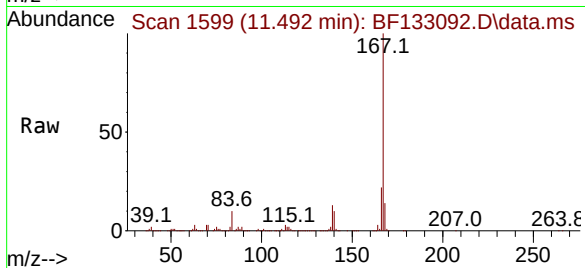
Tgt Ion:167 Resp: 1665681

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.5 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.046 ng

RT: 11.828 min Scan# 1656

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

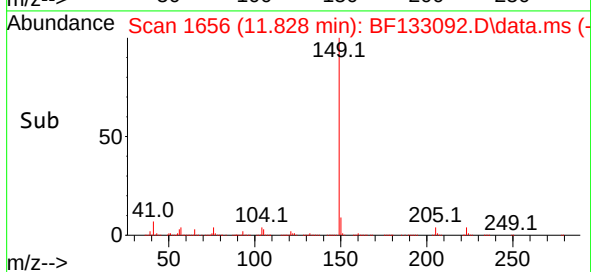
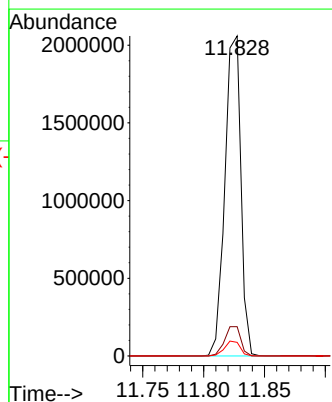
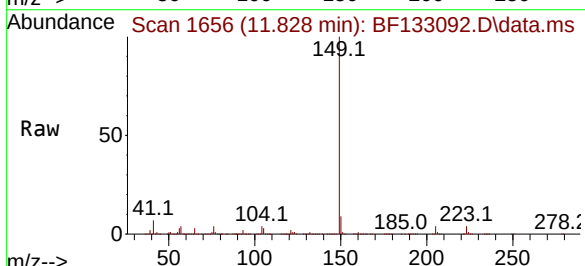
Tgt Ion:149 Resp: 1884611

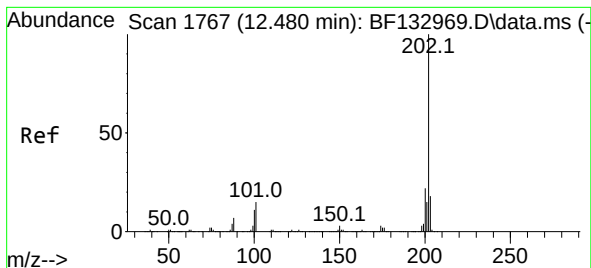
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.2 4.0 6.0





#75

Fluoranthene

Concen: 42.654 ng

RT: 12.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

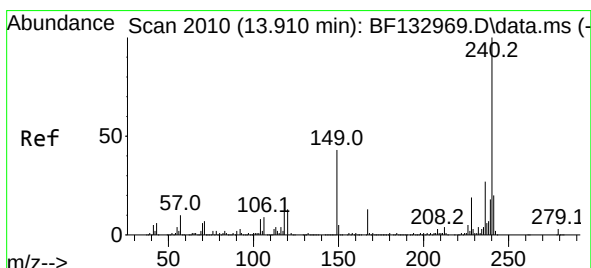
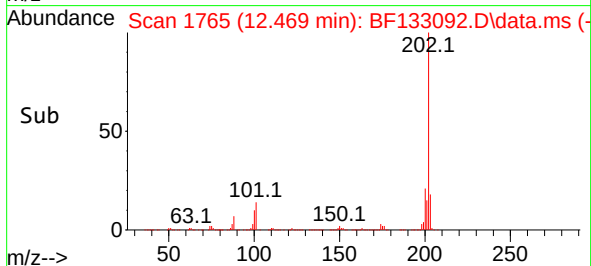
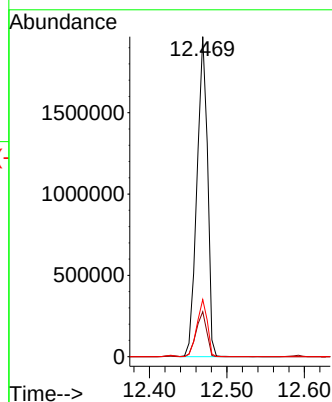
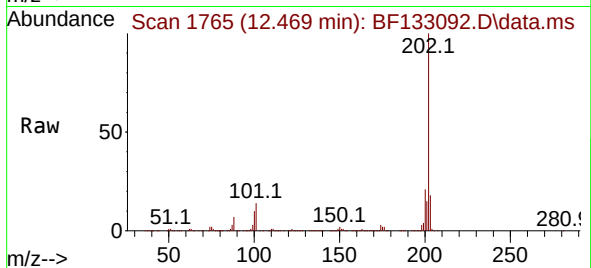
Tgt Ion:202 Resp: 1860656

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.3

203 17.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

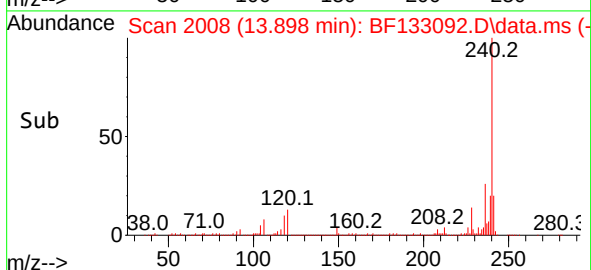
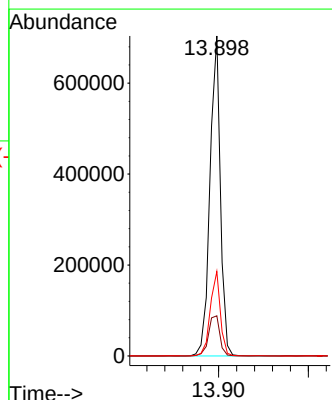
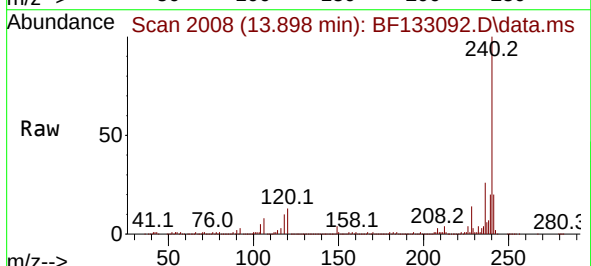
Tgt Ion:240 Resp: 565734

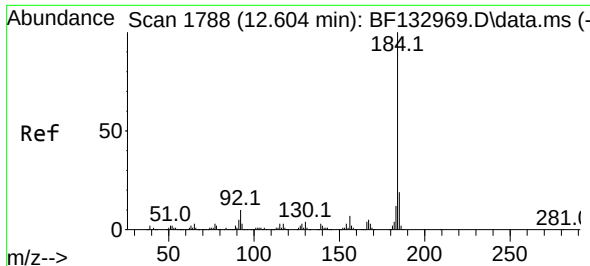
Ion Ratio Lower Upper

240 100

120 12.6 10.5 15.7

236 26.4 21.5 32.3

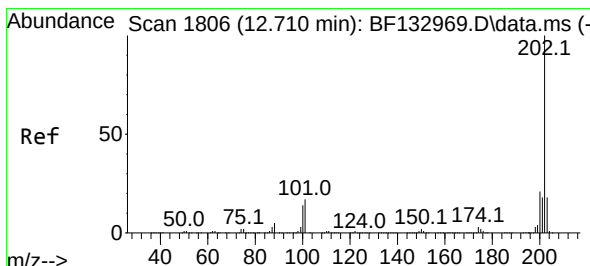
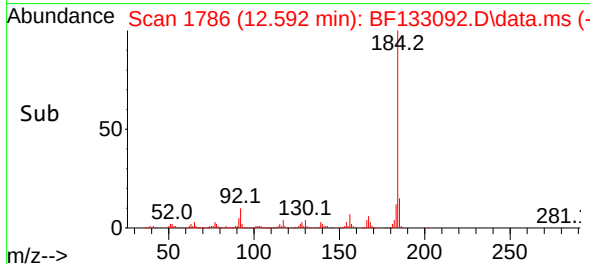
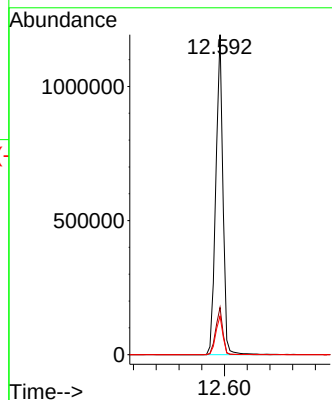
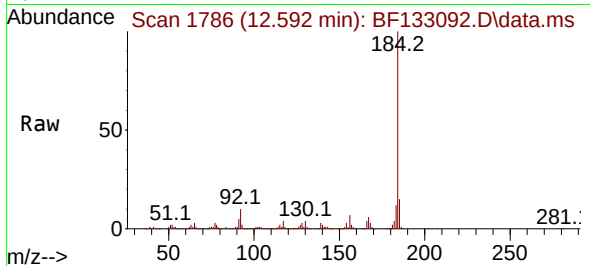




#77
Benzidine
Concen: 107.493 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

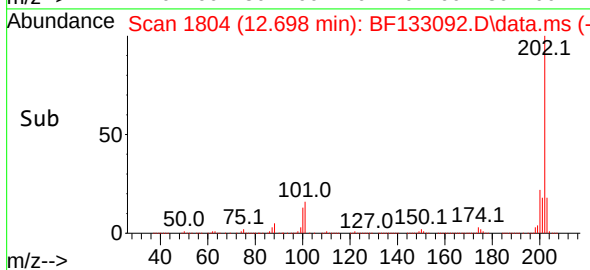
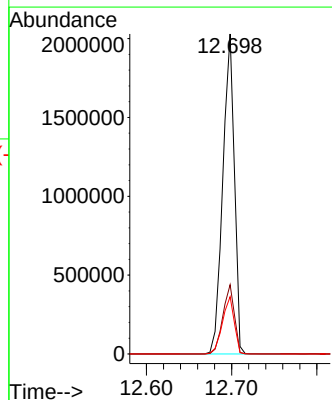
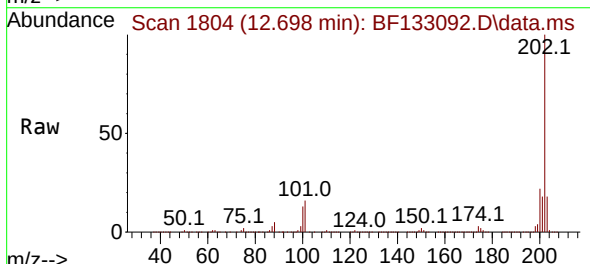
Instrument :
BNA_F
ClientSampleId :
PB152384BS

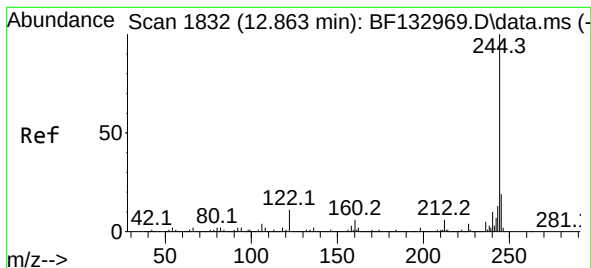
Tgt Ion:184 Resp: 1028369
Ion Ratio Lower Upper
184 100
185 14.8 15.4 23.2#
183 12.1 9.4 14.0



#78
Pyrene
Concen: 39.460 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:202 Resp: 1913657
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 65.229 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

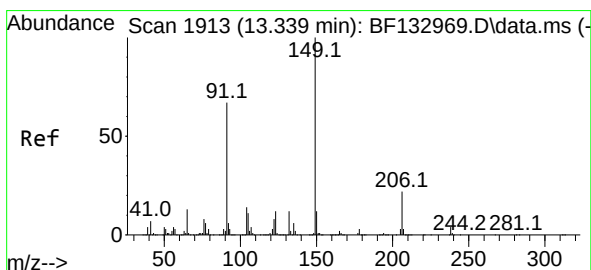
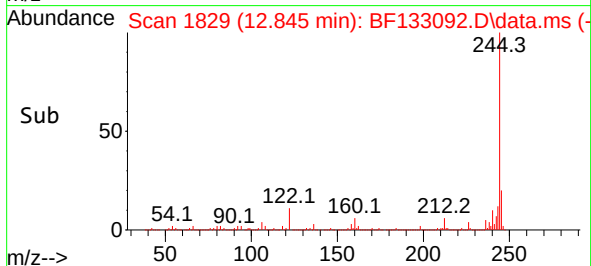
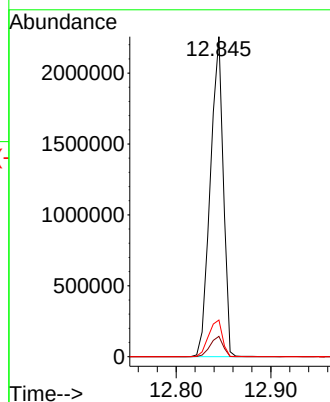
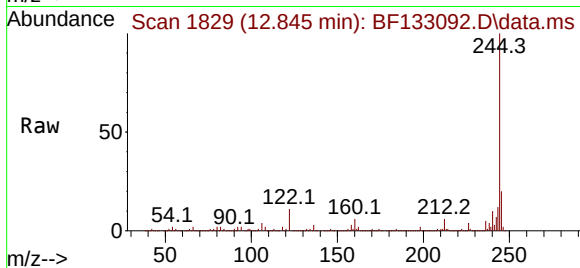
Tgt Ion:244 Resp: 2139665

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 47.454 ng

RT: 13.322 min Scan# 1910

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

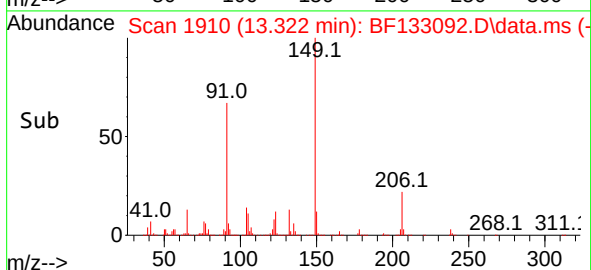
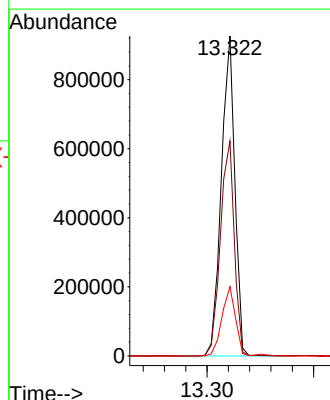
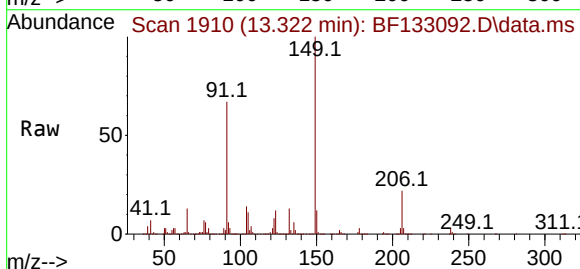
Tgt Ion:149 Resp: 814856

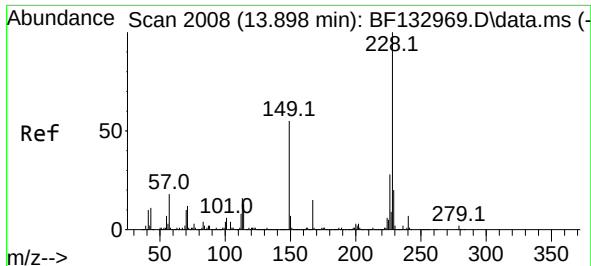
Ion Ratio Lower Upper

149 100

91 67.2 53.8 80.6

206 21.6 17.5 26.3

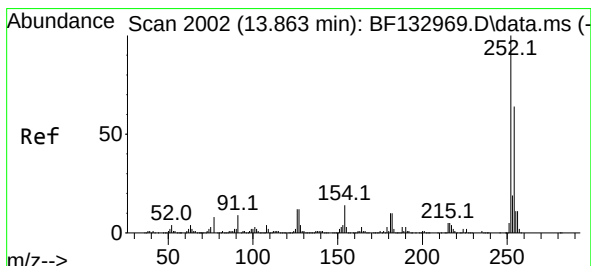
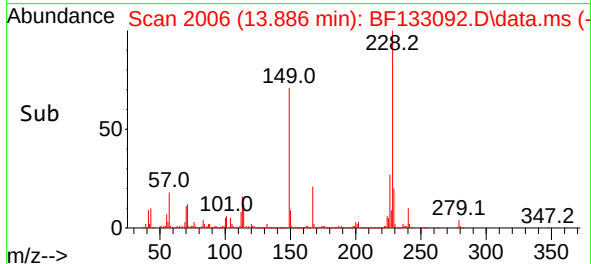
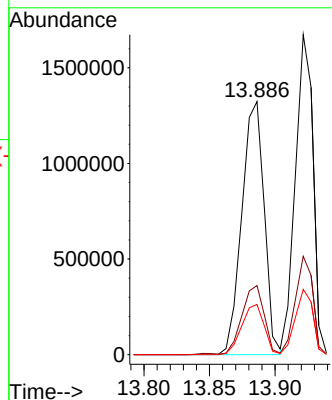
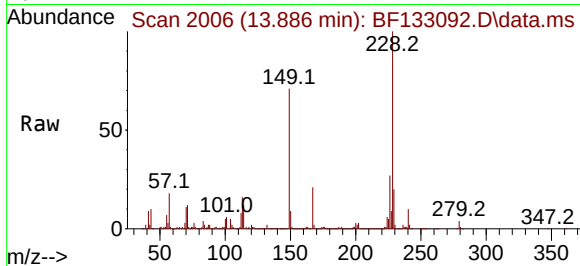




#81
Benzo(a)anthracene
Concen: 40.280 ng
RT: 13.886 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

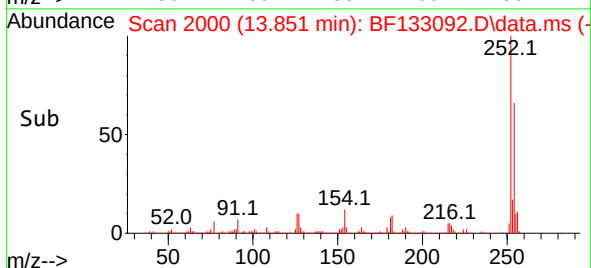
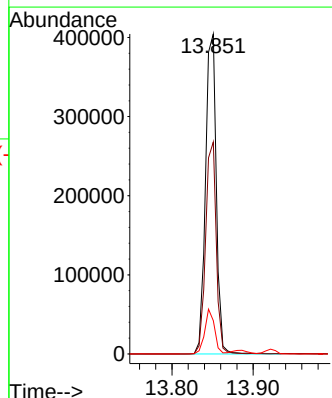
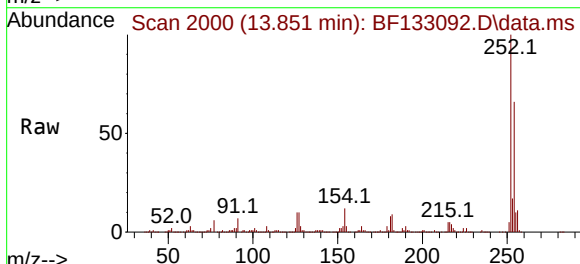
Instrument :
BNA_F
ClientSampleId :
PB152384BS

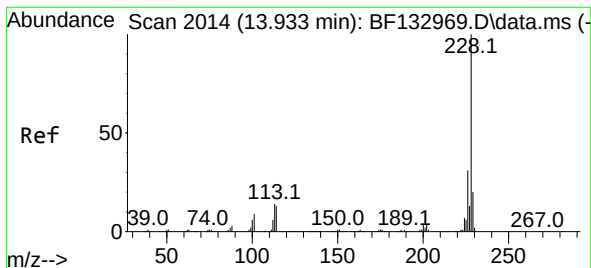
Tgt Ion:228 Resp: 1567028
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 34.600 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:252 Resp: 371851
Ion Ratio Lower Upper
252 100
254 66.2 51.5 77.3
126 10.4 9.5 14.3





#83

Chrysene

Concen: 40.464 ng

RT: 13.922 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

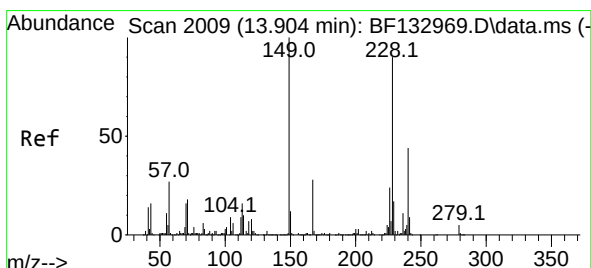
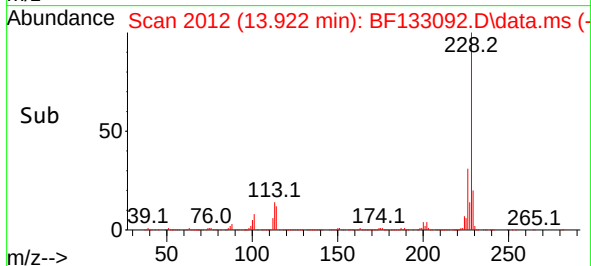
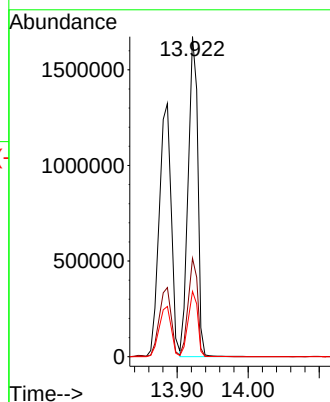
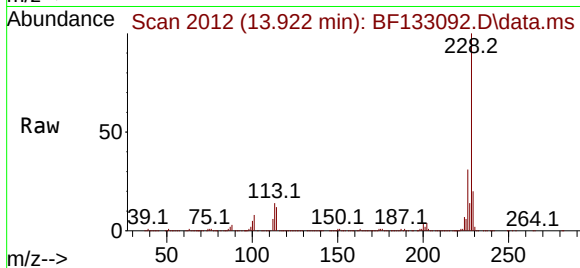
Tgt Ion:228 Resp: 1573810

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.834 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

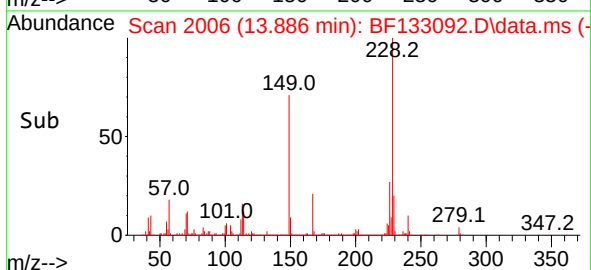
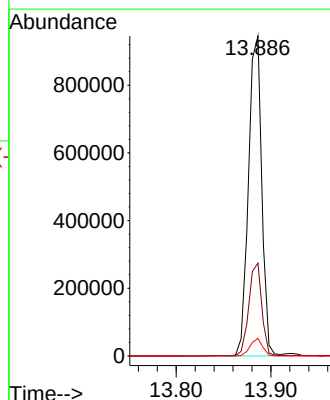
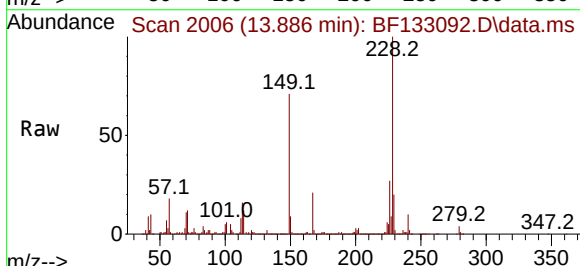
Tgt Ion:149 Resp: 923213

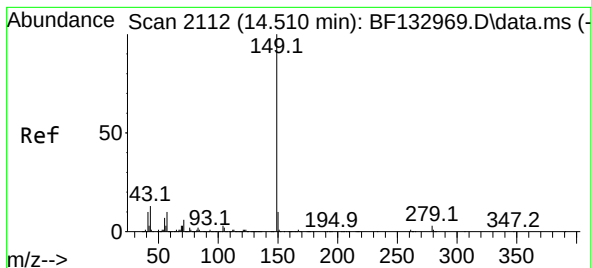
Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 49.143 ng

RT: 14.492 min Scan# 2112

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

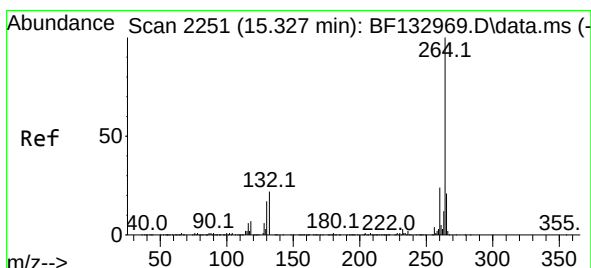
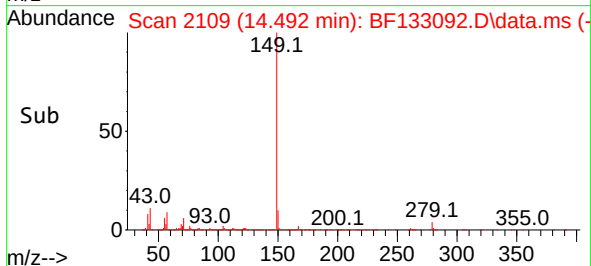
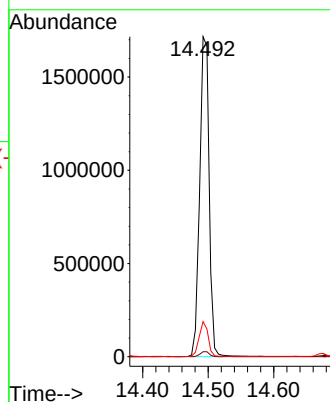
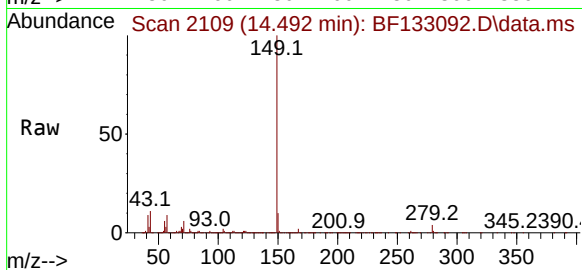
Tgt Ion:149 Resp: 1727080

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.316 min Scan# 2249

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

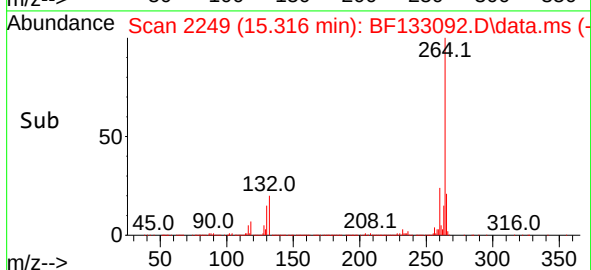
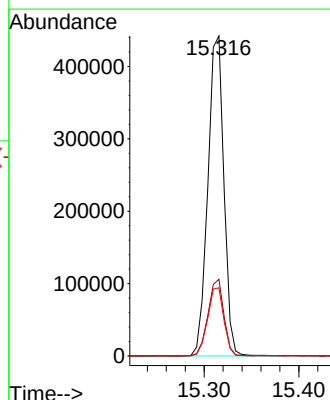
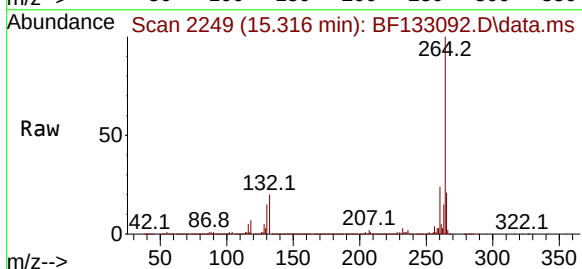
Tgt Ion:264 Resp: 518473

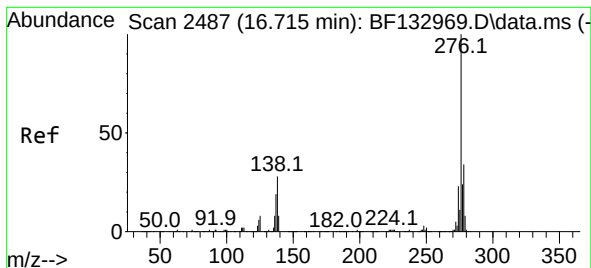
Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.035 ng

RT: 16.698 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

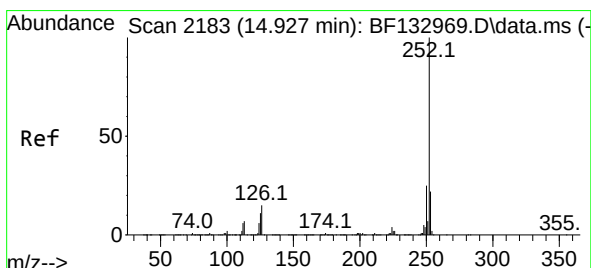
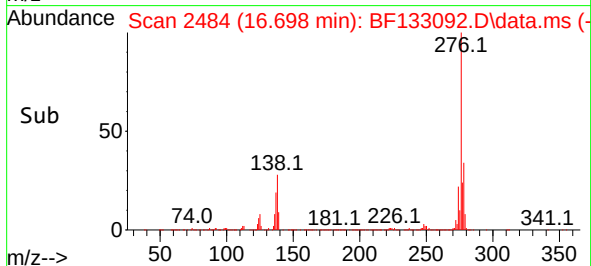
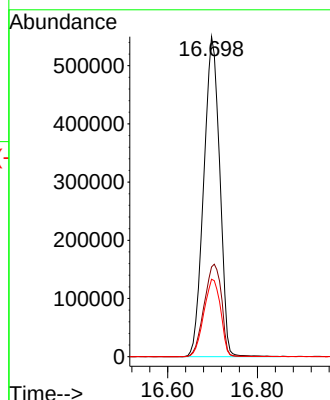
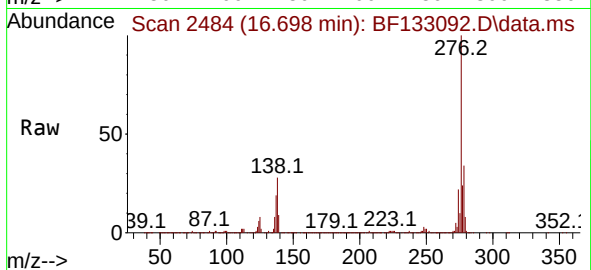
Tgt Ion:276 Resp: 1357661

Ion Ratio Lower Upper

276 100

138 31.4 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 47.332 ng

RT: 14.910 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

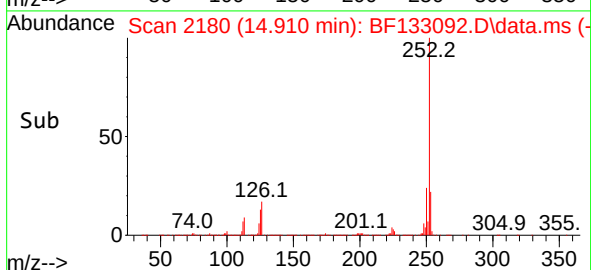
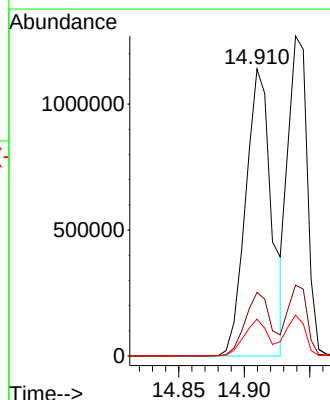
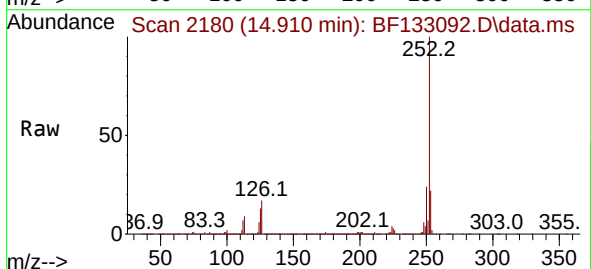
Tgt Ion:252 Resp: 1561245

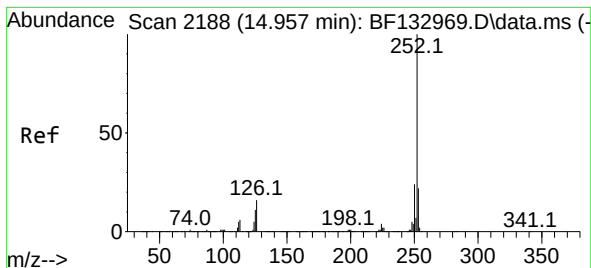
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 12.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 39.731 ng

RT: 14.939 min Scan# 2185

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

Instrument :

BNA_F

ClientSampleId :

PB152384BS

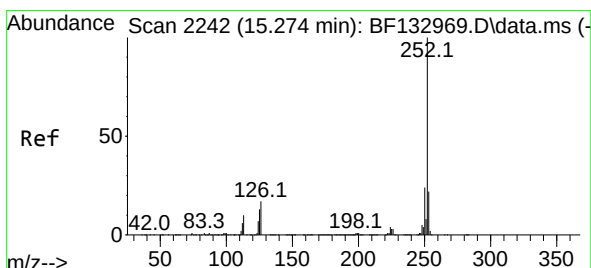
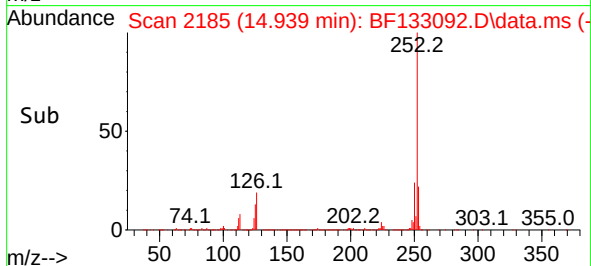
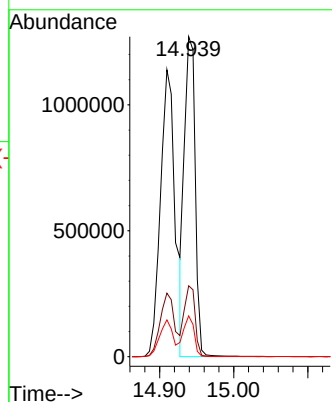
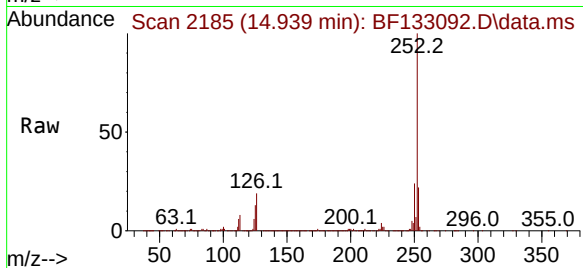
Tgt Ion:252 Resp: 1299101

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.7 9.0 13.4



#90

Benzo(a)pyrene

Concen: 40.379 ng

RT: 15.257 min Scan# 2239

Delta R.T. 0.000 min

Lab File: BF133092.D

Acq: 27 Apr 2023 11:14

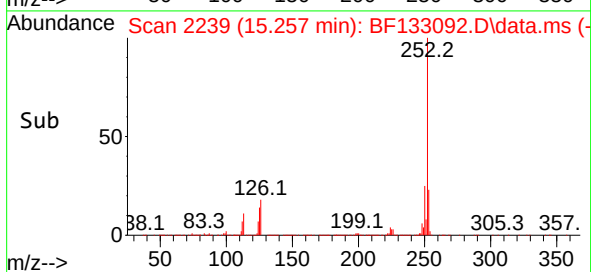
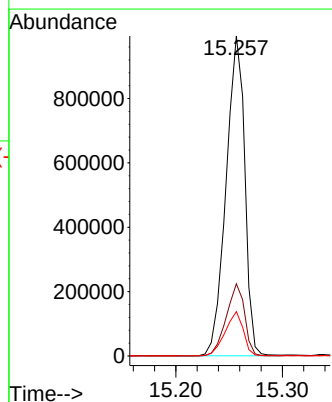
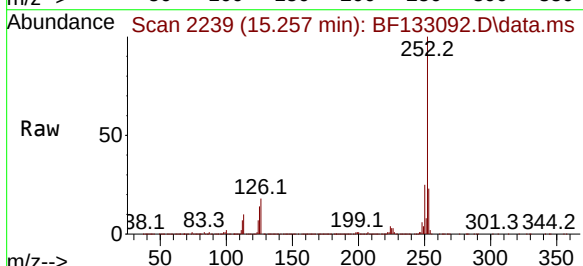
Tgt Ion:252 Resp: 1212286

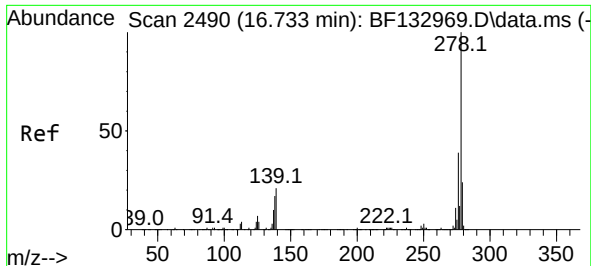
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 13.8 10.5 15.7

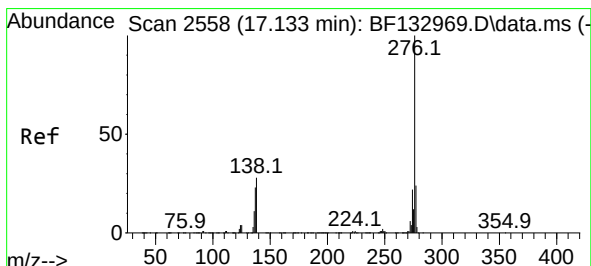
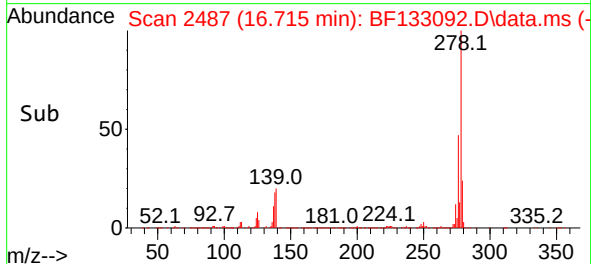
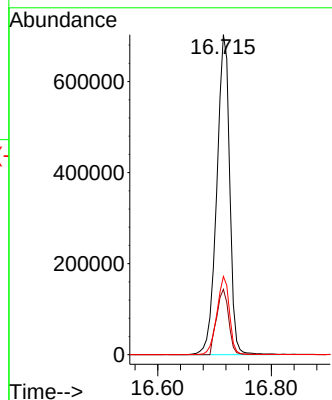
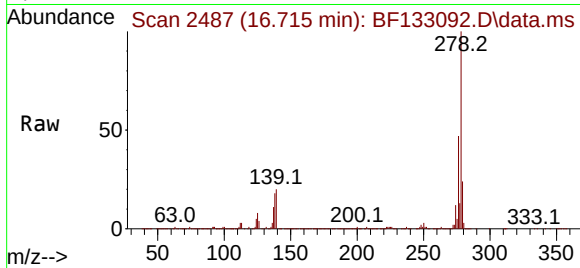




#91
Dibenzo(a,h)anthracene
Concen: 45.068 ng
RT: 16.715 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Tgt Ion:278 Resp: 1108569
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.4 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.821 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BF133092.D
Acq: 27 Apr 2023 11:14

Tgt Ion:276 Resp: 1137014
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 27.8 22.7 34.1

