

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134290.D
 Acq On : 14 Jul 2023 14:47
 Operator : CG\JU
 Sample : PB153784BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153784BS

Quant Time: Jul 15 00:25:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	66702	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	260890	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	133350	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	268844	20.000	ng	0.00
76) Chrysene-d12	14.039	240	213320	20.000	ng	0.00
86) Perylene-d12	15.545	264	206374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	395851	99.272	ng	0.01
7) Phenol-d6	6.481	99	478891	97.656	ng	0.00
23) Nitrobenzene-d5	7.410	82	327171	67.600	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	193990	116.027	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	677441	73.860	ng	0.00
79) Terphenyl-d14	12.974	244	906810	68.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	34829	21.183	ng	98
3) Pyridine	3.446	79	91861	21.450	ng	97
4) n-Nitrosodimethylamine	3.381	42	70589	28.859	ng	96
6) Aniline	6.510	93	194012	32.512	ng	96
8) 2-Chlorophenol	6.628	128	144120	35.604	ng	99
9) Benzaldehyde	6.398	77	85402	29.565	ng	98
10) Phenol	6.498	94	178298	34.580	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	126743	33.389	ng	95
12) 1,3-Dichlorobenzene	6.781	146	149747	34.700	ng	97
13) 1,4-Dichlorobenzene	6.857	146	152444	34.974	ng	98
14) 1,2-Dichlorobenzene	7.010	146	144910	35.498	ng	100
15) Benzyl Alcohol	6.986	79	130772	34.592	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	207506	30.899	ng	93
17) 2-Methylphenol	7.098	107	124187	34.261	ng	96
18) Hexachloroethane	7.351	117	58557	36.231	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	107717	34.637	ng	98
20) 3+4-Methylphenols	7.251	107	154212	35.069	ng	97
22) Acetophenone	7.251	105	207116	34.907	ng	# 98
24) Nitrobenzene	7.428	77	163314	33.393	ng	97
25) Isophorone	7.663	82	292062	33.204	ng	98
26) 2-Nitrophenol	7.739	139	80790	34.435	ng	92
27) 2,4-Dimethylphenol	7.781	122	129842	34.962	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	167488	32.885	ng	98
29) 2,4-Dichlorophenol	7.981	162	127106	34.515	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	134349	35.356	ng	98
31) Naphthalene	8.145	128	423195	33.582	ng	100
32) Benzoic acid	7.898	122	91156	32.756	ng	96
33) 4-Chloroaniline	8.198	127	138361	25.667	ng	96
34) Hexachlorobutadiene	8.257	225	85712	35.758	ng	98
35) Caprolactam	8.563	113	30771	25.377	ng	93
36) 4-Chloro-3-methylphenol	8.680	107	150265	36.321	ng	96
37) 2-Methylnaphthalene	8.839	142	294882	33.090	ng	98
38) 1-Methylnaphthalene	8.933	142	275896	33.303	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	141453	35.804	ng	99
41) Hexachlorocyclopentadiene	8.986	237	131166	69.982	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	93591	34.800	ng	99

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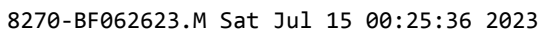
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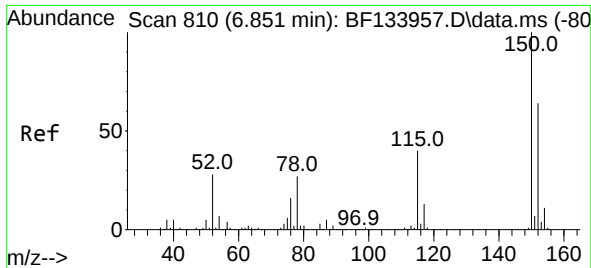
Quant Time: Jul 15 00:25:27 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	101209	31.993	ng	97
46) 1,1'-Biphenyl	9.304	154	375534	35.107	ng	98
47) 2-Chloronaphthalene	9.327	162	280875	35.888	ng	99
48) 2-Nitroaniline	9.427	65	98520	34.540	ng	98
49) Acenaphthylene	9.745	152	465774	34.838	ng	99
50) Dimethylphthalate	9.604	163	352123	36.377	ng	100
51) 2,6-Dinitrotoluene	9.669	165	76021	36.463	ng	# 87
52) Acenaphthene	9.916	154	276305	35.616	ng	99
53) 3-Nitroaniline	9.839	138	73608	29.429	ng	95
54) 2,4-Dinitrophenol	9.957	184	82957	69.435	ng	97
55) Dibenzofuran	10.092	168	430654	35.520	ng	99
56) 4-Nitrophenol	10.010	139	116275	66.460	ng	87
57) 2,4-Dinitrotoluene	10.080	165	103102	37.446	ng	94
58) Fluorene	10.433	166	352555	37.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	91891	36.825	ng	98
60) Diethylphthalate	10.304	149	370915	36.779	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	168619	37.094	ng	96
62) 4-Nitroaniline	10.463	138	86378	34.268	ng	91
63) Azobenzene	10.586	77	336258	35.249	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	58940	40.212	ng	93
66) n-Nitrosodiphenylamine	10.545	169	308843	35.955	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	105614	36.960	ng	91
68) Hexachlorobenzene	10.986	284	120957	39.867	ng	94
69) Atrazine	11.074	200	102354	43.079	ng	99
70) Pentachlorophenol	11.186	266	113785	62.724	ng	95
71) Phenanthrene	11.404	178	499430	36.902	ng	99
72) Anthracene	11.457	178	519183	36.882	ng	99
73) Carbazole	11.616	167	493129	38.272	ng	100
74) Di-n-butylphthalate	11.939	149	593613	38.742	ng	100
75) Fluoranthene	12.598	202	568374	38.846	ng	98
77) Benzidine	12.727	184	384928	75.836	ng	99
78) Pyrene	12.833	202	585645	29.500	ng	99
80) Butylbenzylphthalate	13.451	149	254263	34.150	ng	99
81) Benzo(a)anthracene	14.027	228	537631	36.341	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	166890	35.606	ng	98
83) Chrysene	14.068	228	498291	34.775	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	353411	41.309	ng	99
85) Di-n-octyl phthalate	14.633	149	583149	46.389	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	482681	33.706	ng	97
88) Benzo(b)fluoranthene	15.098	252	501402	41.319	ng	99
89) Benzo(k)fluoranthene	15.098	252	501402	40.582	ng	97
90) Benzo(a)pyrene	15.480	252	415363	35.397	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	396912	33.934	ng	98
92) Benzo(g,h,i)perylene	17.568	276	383321	31.779	ng	# 94

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

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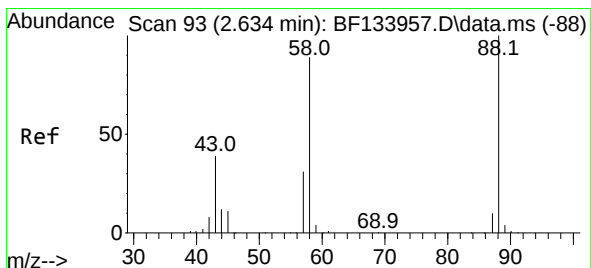
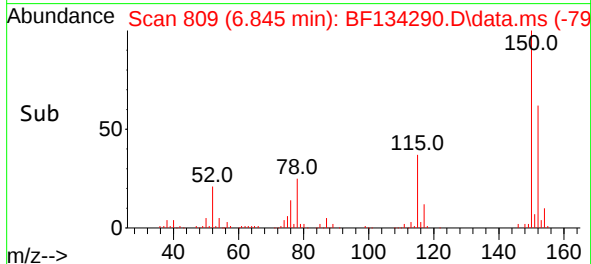
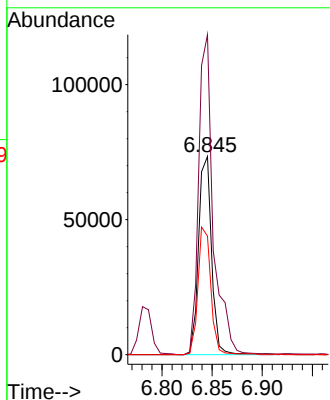
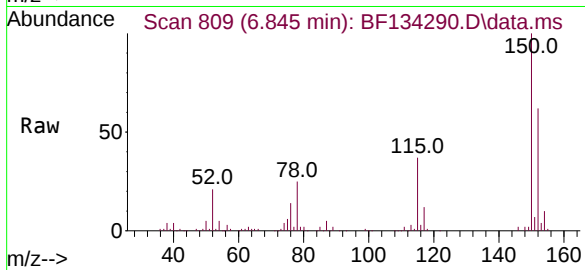




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

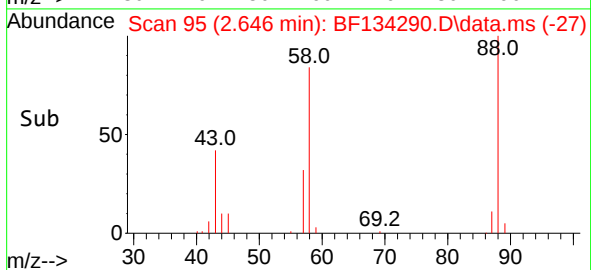
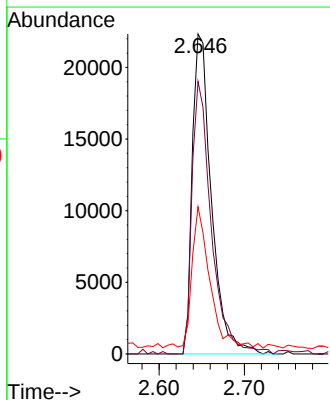
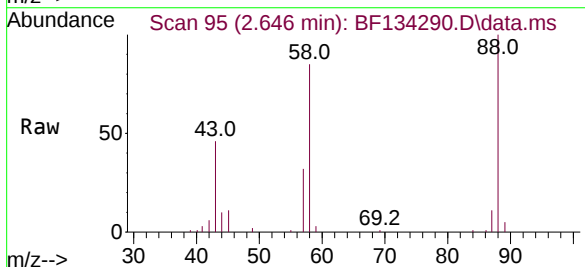
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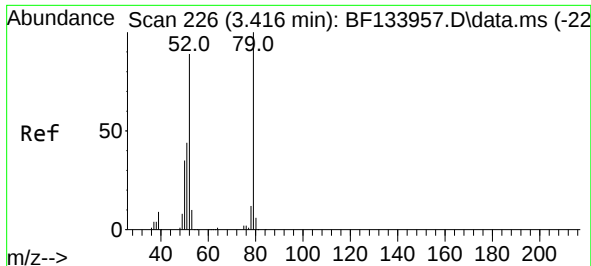
Tgt Ion:152 Resp: 66702
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.5 186.7
 115 59.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 21.183 ng
 RT: 2.646 min Scan# 95
 Delta R.T. 0.053 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

Tgt Ion: 88 Resp: 34829
 Ion Ratio Lower Upper
 88 100
 58 86.0 68.8 103.2
 43 41.9 30.7 46.1





#3

Pyridine

Concen: 21.450 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

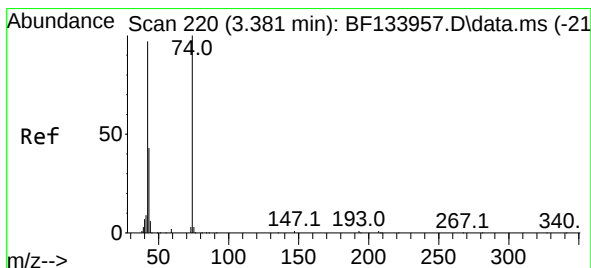
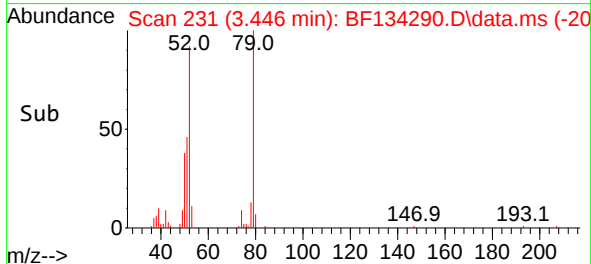
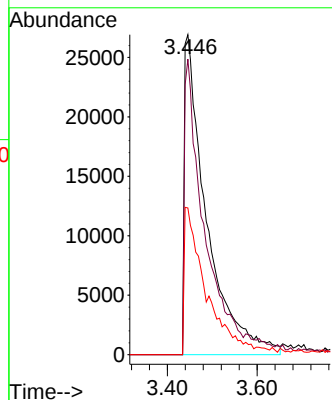
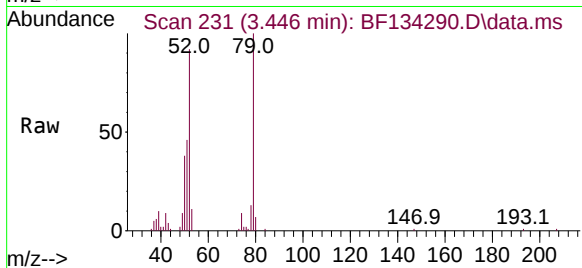
Tgt Ion: 79 Resp: 91861

Ion Ratio Lower Upper

79 100

52 92.4 71.1 106.7

51 45.9 35.2 52.8



#4

n-Nitrosodimethylamine

Concen: 28.859 ng

RT: 3.381 min Scan# 220

Delta R.T. 0.041 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

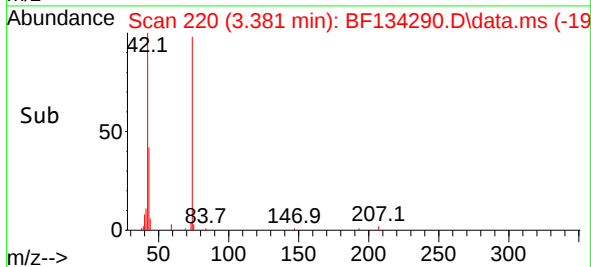
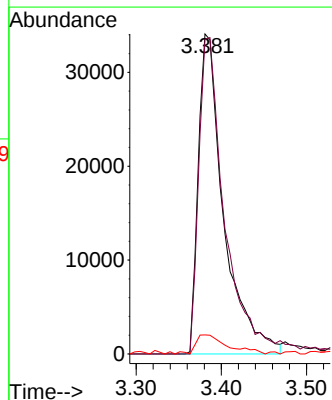
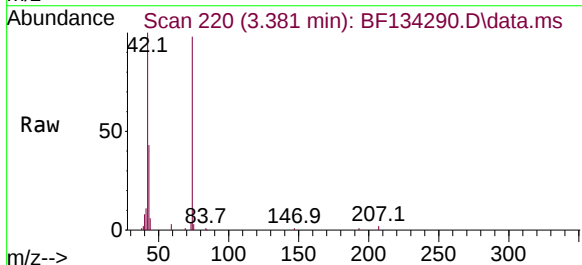
Tgt Ion: 42 Resp: 70589

Ion Ratio Lower Upper

42 100

74 98.3 82.4 123.6

44 5.9 4.9 7.3

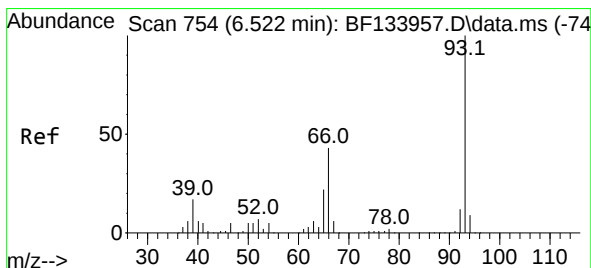
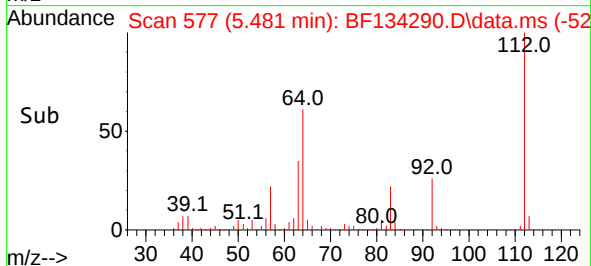
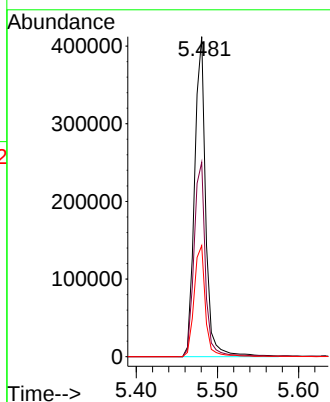
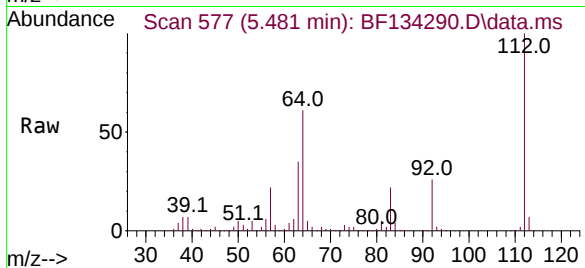




#5
2-Fluorophenol
Concen: 99.272 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

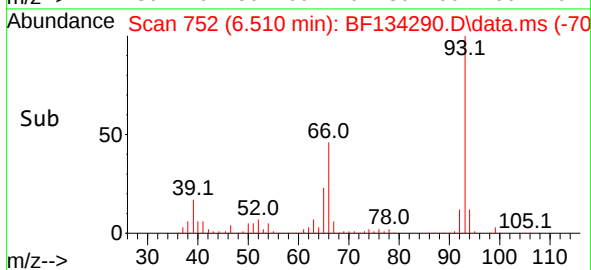
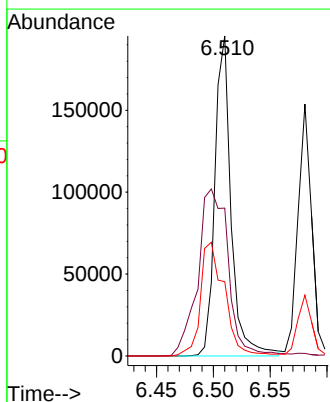
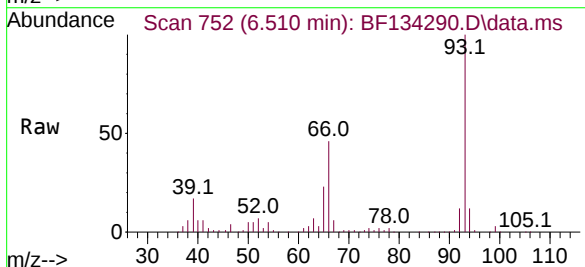
Instrument :
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Tgt Ion:112 Resp: 395851
Ion Ratio Lower Upper
112 100
64 60.8 52.1 78.1
63 34.7 28.6 42.8



#6
Aniline
Concen: 32.512 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 93 Resp: 194012
Ion Ratio Lower Upper
93 100
66 46.2 34.5 51.7
65 23.2 17.8 26.6

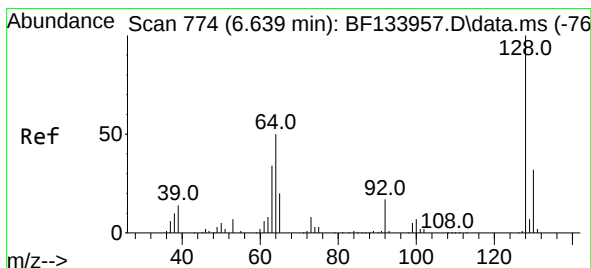
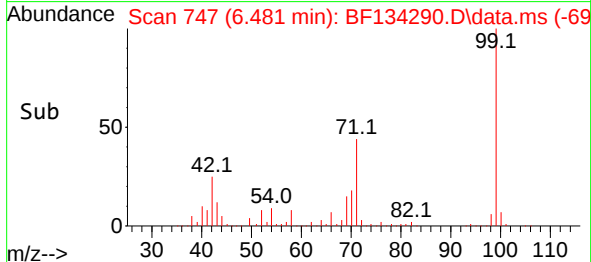
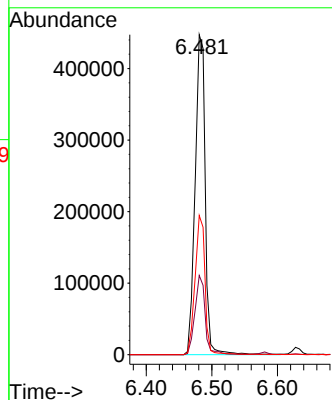
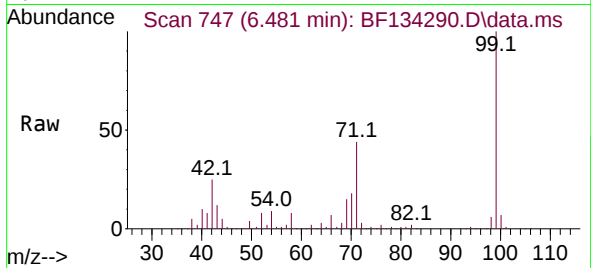




#7
Phenol-d6
Concen: 97.656 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

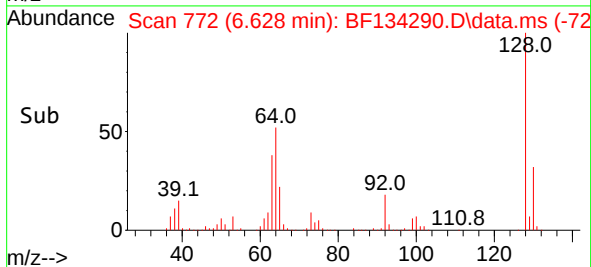
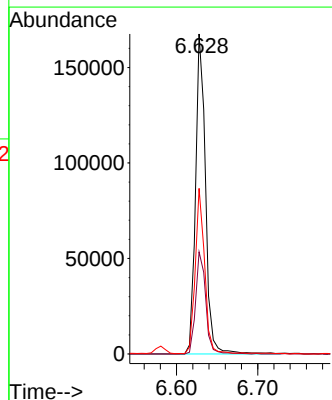
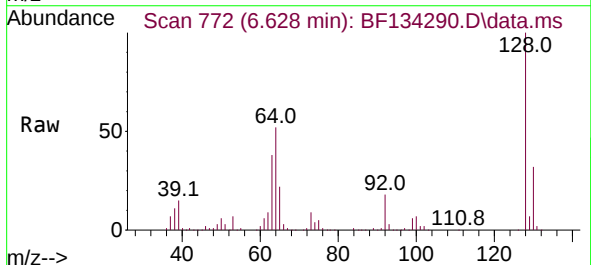
Instrument :
BNA_F
ClientSampleId :
PB153784BS

Tgt Ion: 99 Resp: 478891
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 43.5 31.9 47.9



#8
2-Chlorophenol
Concen: 35.604 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 128 Resp: 144120
Ion Ratio Lower Upper
128 100
130 31.9 11.7 51.7
64 51.8 31.3 71.3





#9

Benzaldehyde

Concen: 29.565 ng

RT: 6.398 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

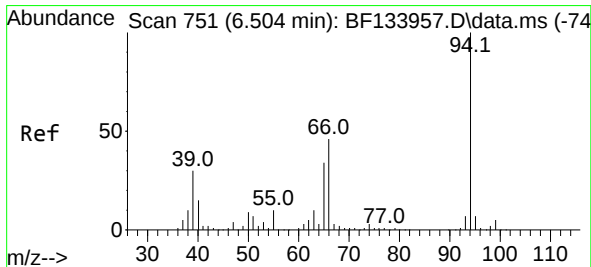
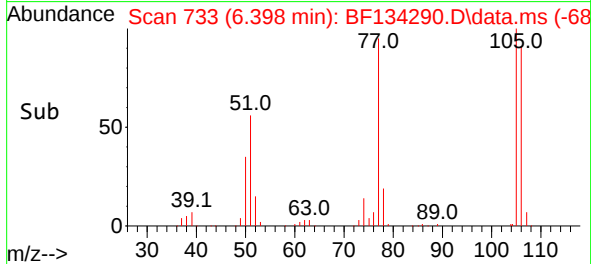
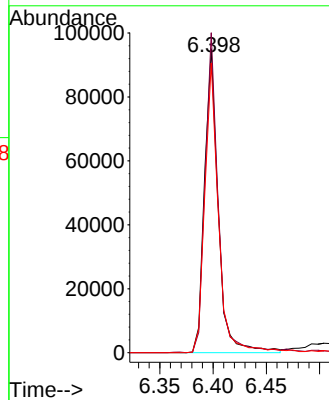
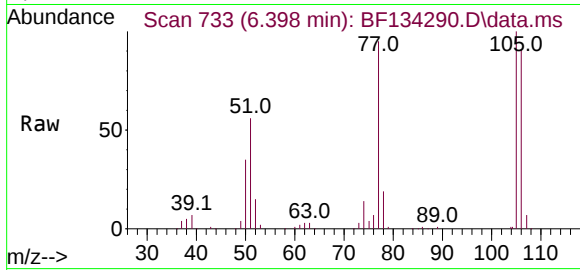
Tgt Ion: 77 Resp: 85402

Ion Ratio Lower Upper

77 100

105 105.3 82.0 122.0

106 95.3 76.9 116.9



#10

Phenol

Concen: 34.580 ng

RT: 6.498 min Scan# 750

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

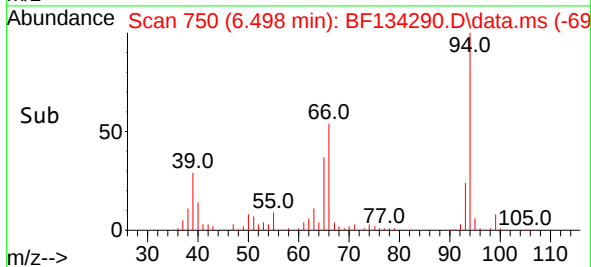
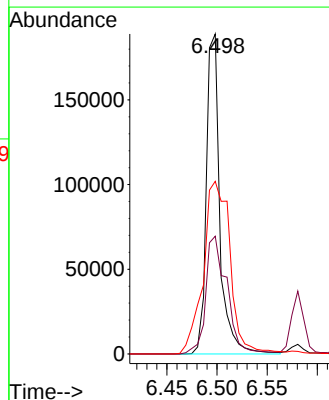
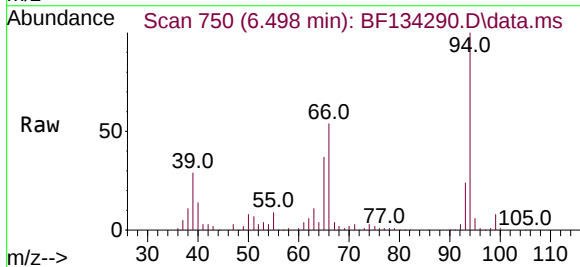
Tgt Ion: 94 Resp: 178298

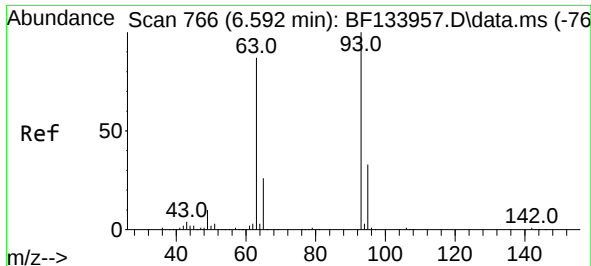
Ion Ratio Lower Upper

94 100

65 36.8 14.2 54.2

66 54.0 26.4 66.4

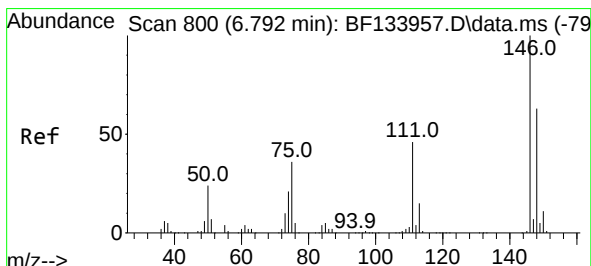
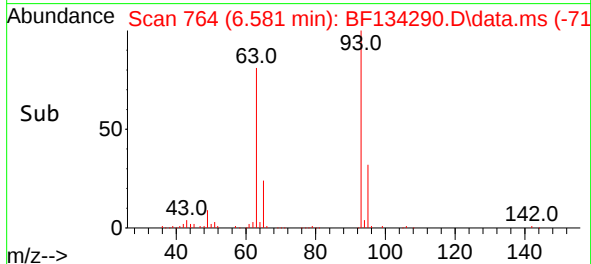
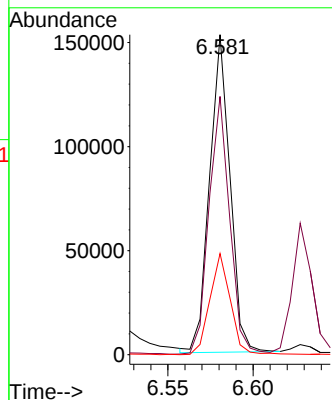
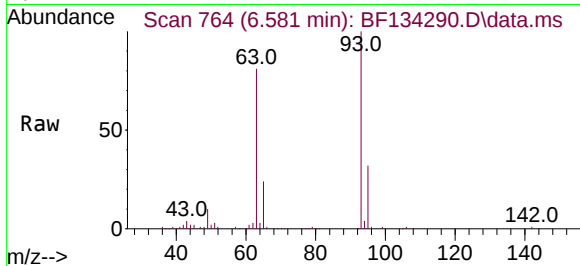




#11
bis(2-Chloroethyl)ether
Concen: 33.389 ng
RT: 6.581 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

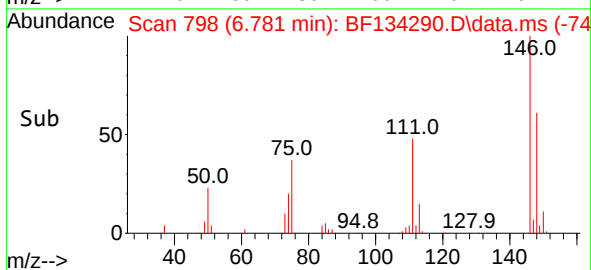
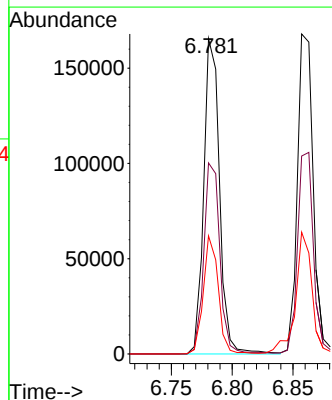
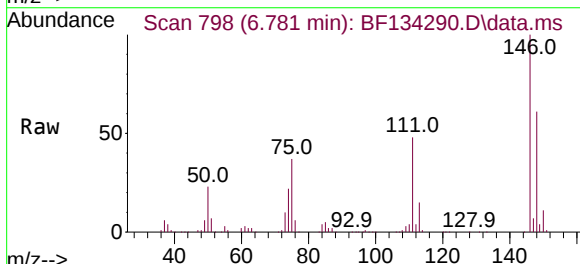
Instrument :
BNA_F
ClientSampleId :
PB153784BS

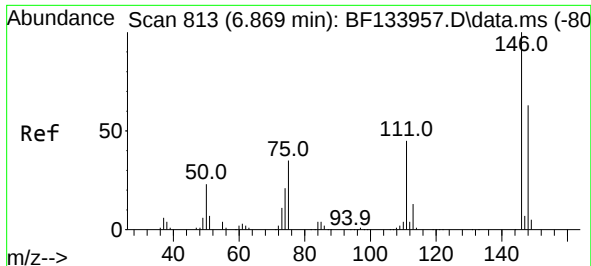
Tgt Ion: 93 Resp: 126743
Ion Ratio Lower Upper
93 100
63 80.7 66.5 106.5
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 34.700 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 146 Resp: 149747
Ion Ratio Lower Upper
146 100
148 60.6 50.5 75.7
75 37.4 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 34.974 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

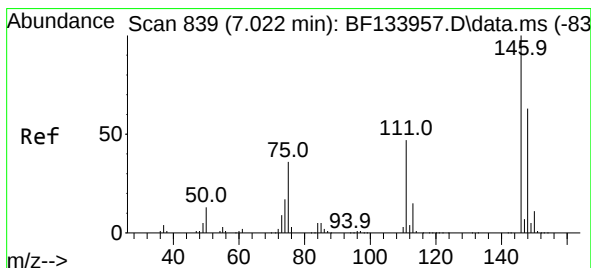
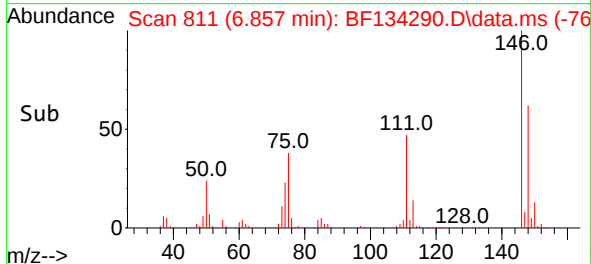
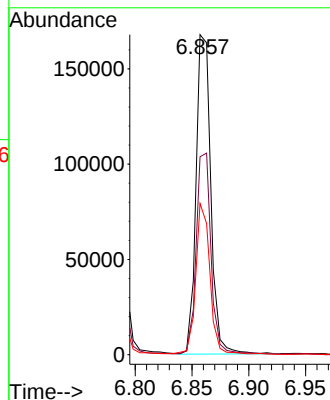
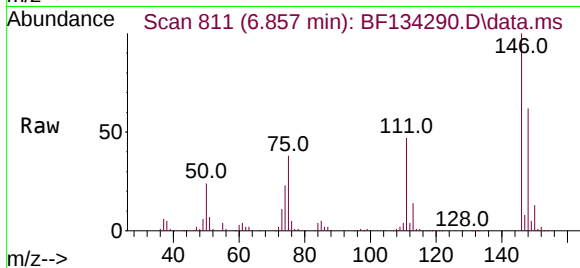
Tgt Ion:146 Resp: 152444

Ion Ratio Lower Upper

146 100

148 61.9 50.2 75.2

111 47.2 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 35.498 ng

RT: 7.010 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

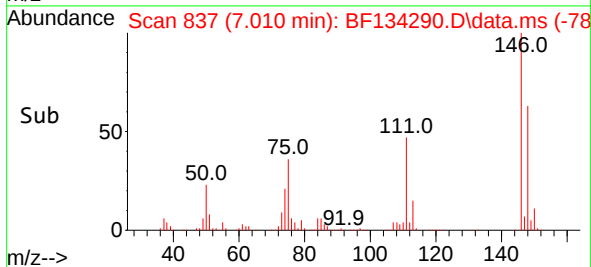
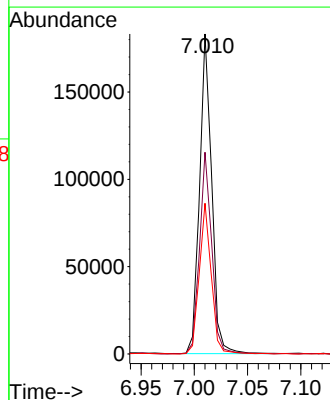
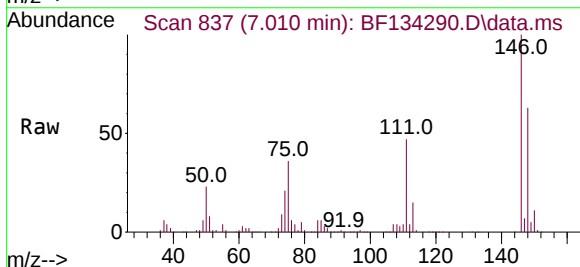
Tgt Ion:146 Resp: 144910

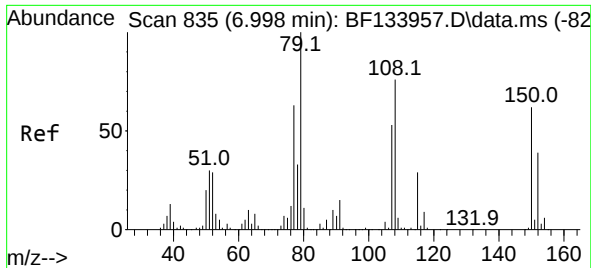
Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

111 47.1 38.0 57.0

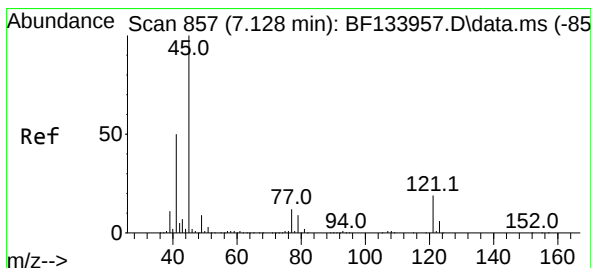
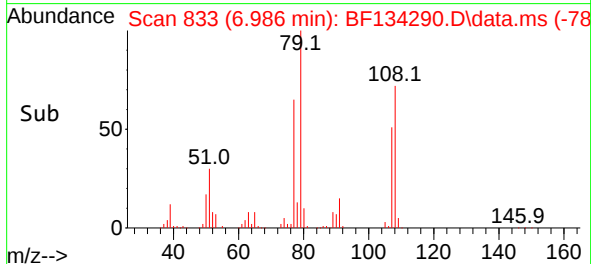
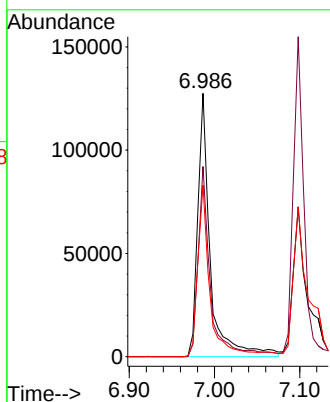
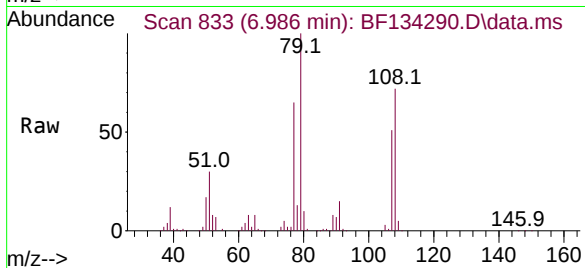




#15
Benzyl Alcohol
Concen: 34.592 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

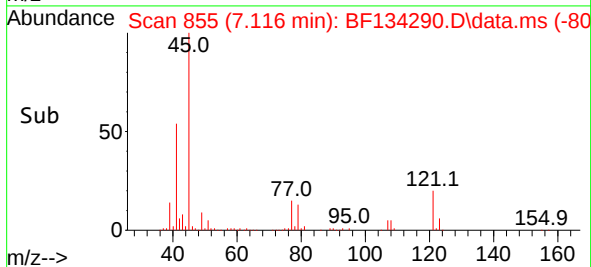
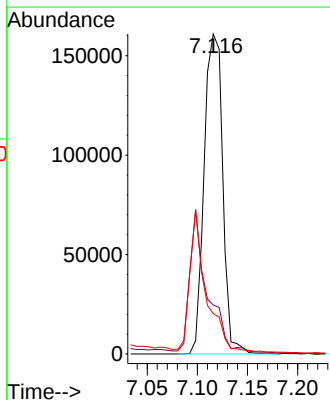
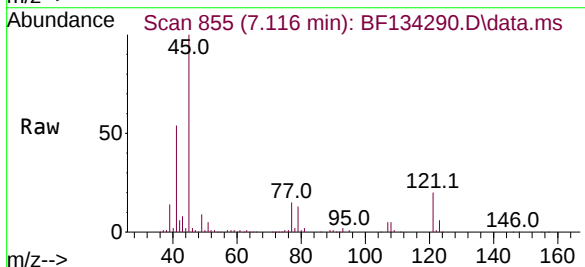
Instrument :
BNA_F
ClientSampleId :
PB153784BS

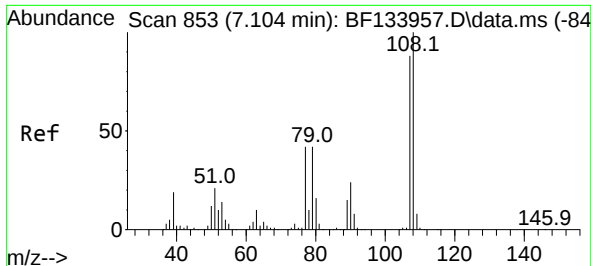
Tgt Ion: 79 Resp: 130772
Ion Ratio Lower Upper
79 100
108 72.2 60.7 91.1
77 65.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.899 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 45 Resp: 207506
Ion Ratio Lower Upper
45 100
77 15.3 0.0 32.9
79 12.6 0.0 29.5

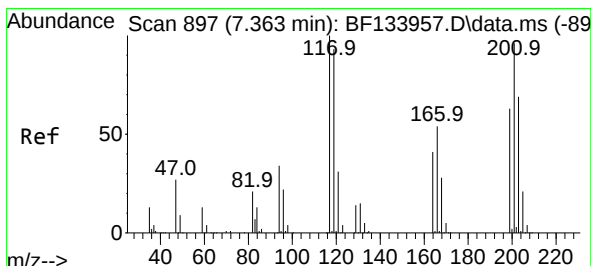
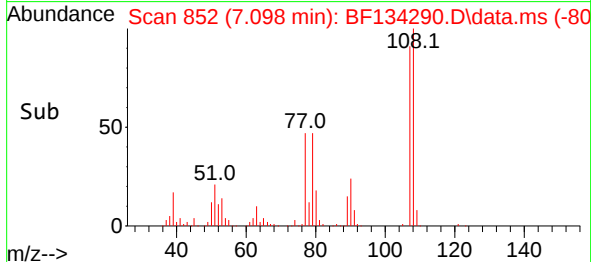
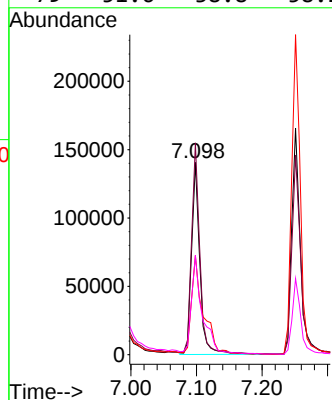
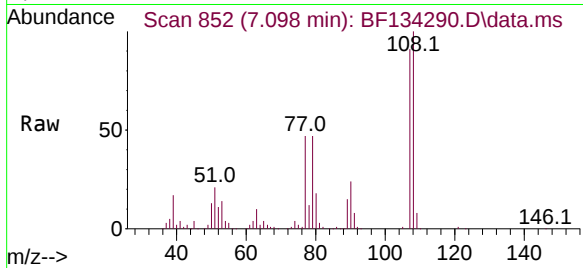




#17
2-Methylphenol
Concen: 34.261 ng
RT: 7.098 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

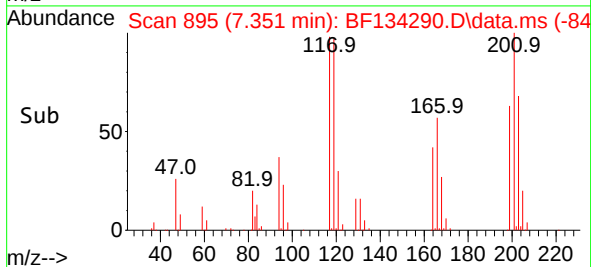
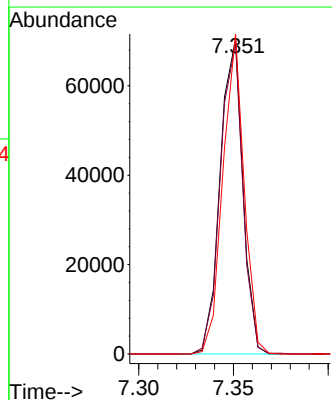
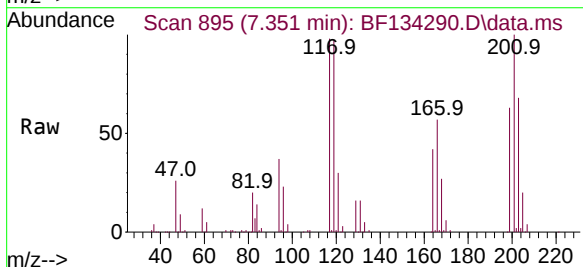
Instrument :
BNA_F
ClientSampleId :
PB153784BS

Tgt Ion:	107	Resp:	124187
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.6	136.0
77	51.6	38.3	57.5
79	51.6	38.8	58.2



#18
Hexachloroethane
Concen: 36.231 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:	117	Resp:	58557
Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.2	111.4
201	101.7	77.2	115.8

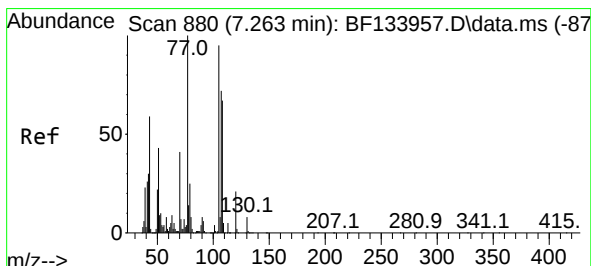
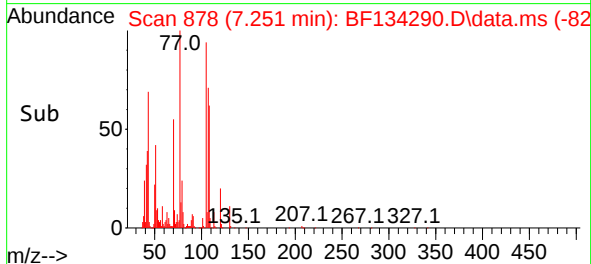
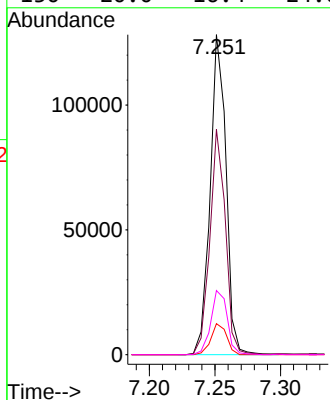
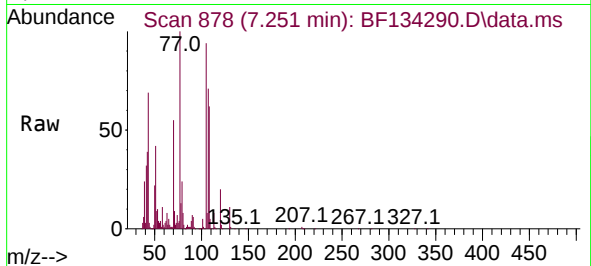




#19
n-Nitroso-di-n-propylamine
Concen: 34.637 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

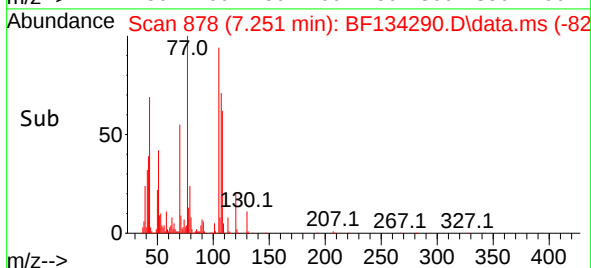
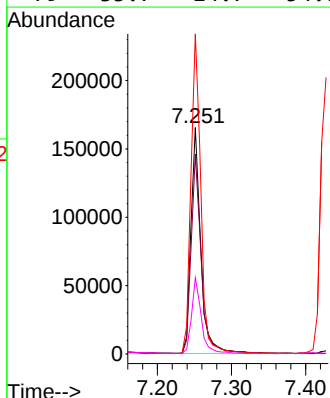
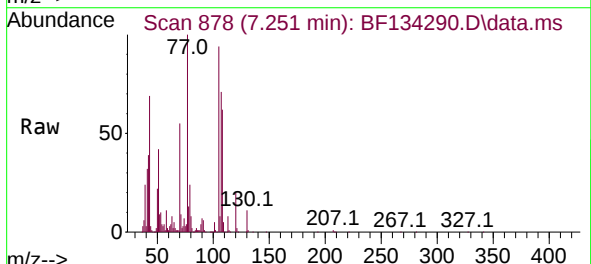
Instrument :
BNA_F
ClientSampleId :
PB153784BS

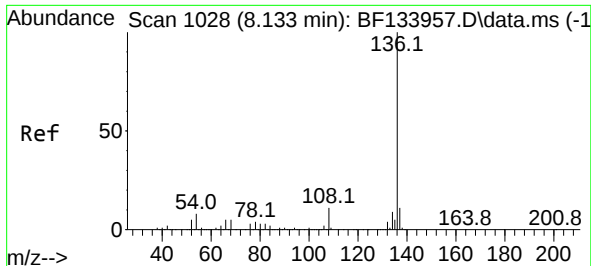
Tgt Ion: 70 Resp: 107717
Ion Ratio Lower Upper
70 100
42 70.4 54.7 82.1
101 9.7 7.7 11.5
130 20.0 16.4 24.6



#20
3+4-Methylphenols
Concen: 35.069 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 107 Resp: 154212
Ion Ratio Lower Upper
107 100
108 88.2 73.2 113.2
77 141.3 118.3 158.3
79 33.7 14.7 54.7

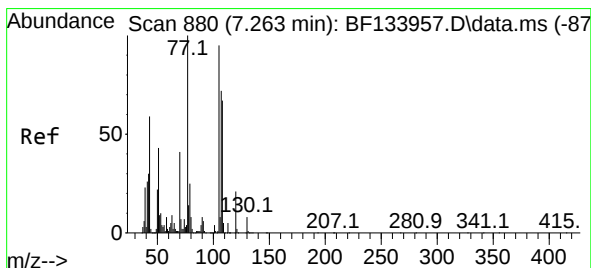
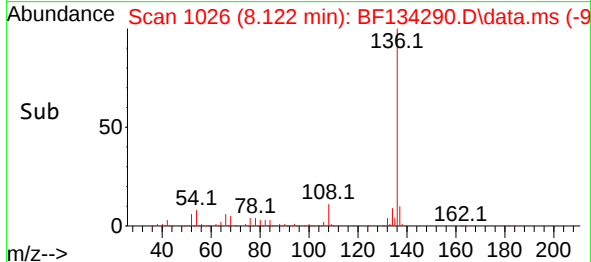
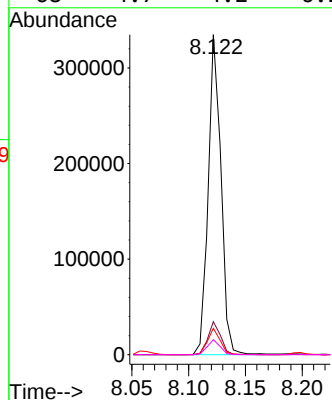
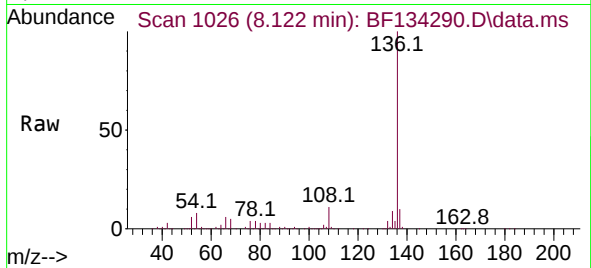




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

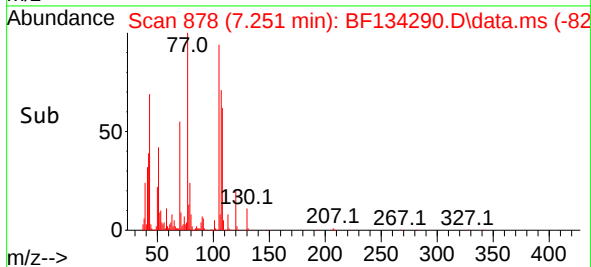
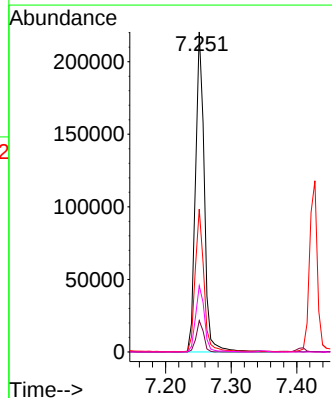
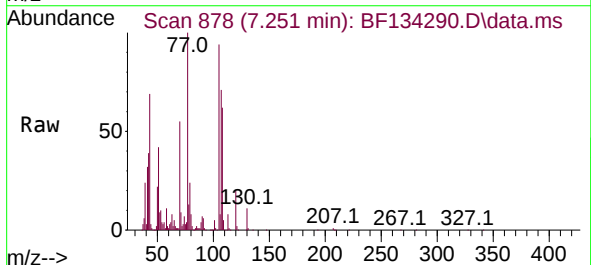
Instrument :
BNA_F
ClientSampleId :
PB153784BS

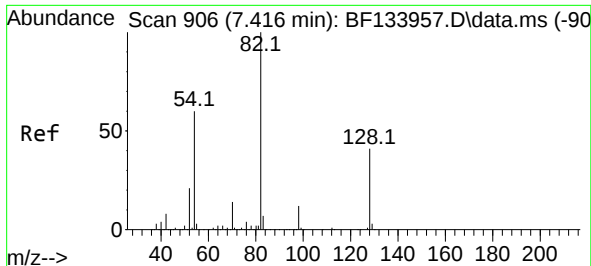
Tgt Ion:136 Resp: 260890
Ion Ratio Lower Upper
136 100
137 10.3 8.6 12.8
54 8.2 6.5 9.7
68 4.7 4.2 6.2



#22
Acetophenone
Concen: 34.907 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:105 Resp: 207116
Ion Ratio Lower Upper
105 100
71 9.8 5.5 8.3#
51 44.6 36.5 54.7
120 20.7 17.3 25.9





#23

Nitrobenzene-d5

Concen: 67.600 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

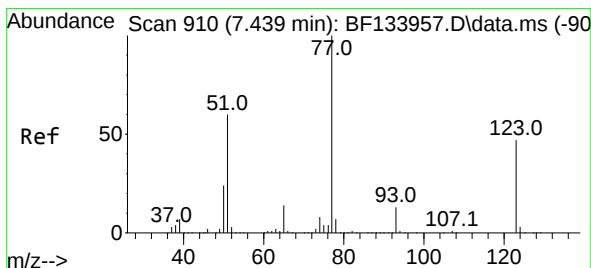
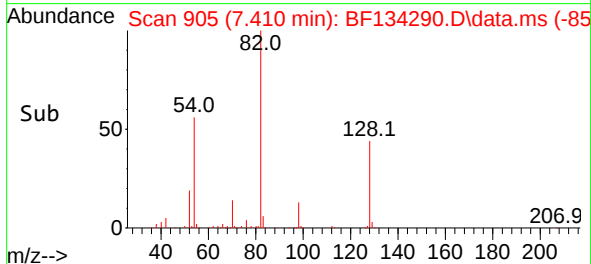
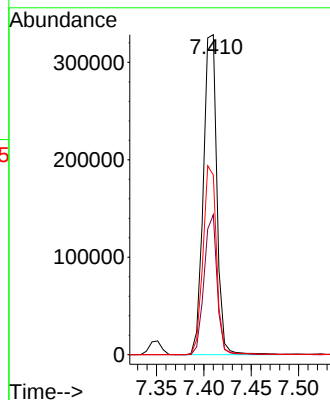
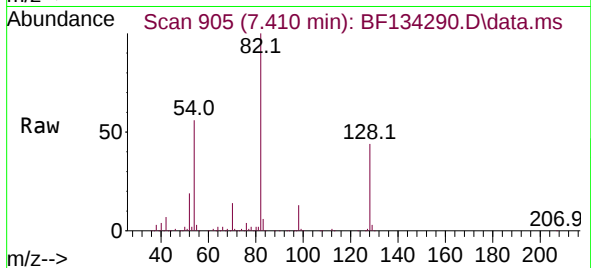
Tgt Ion: 82 Resp: 327171

Ion Ratio Lower Upper

82 100

128 43.8 32.5 48.7

54 56.2 48.2 72.2



#24

Nitrobenzene

Concen: 33.393 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

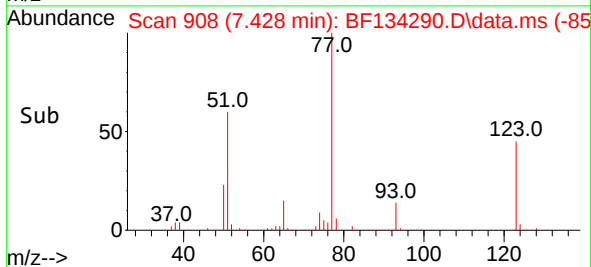
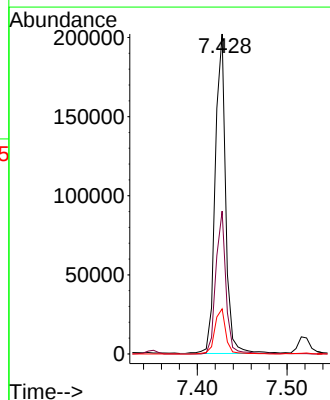
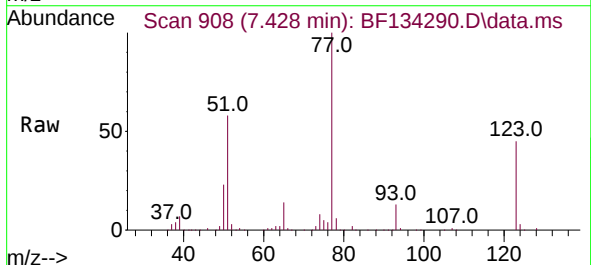
Tgt Ion: 77 Resp: 163314

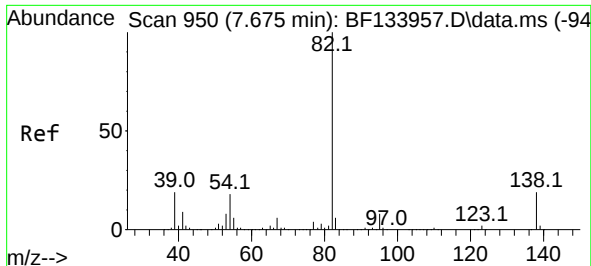
Ion Ratio Lower Upper

77 100

123 44.6 37.8 56.6

65 14.1 11.3 16.9

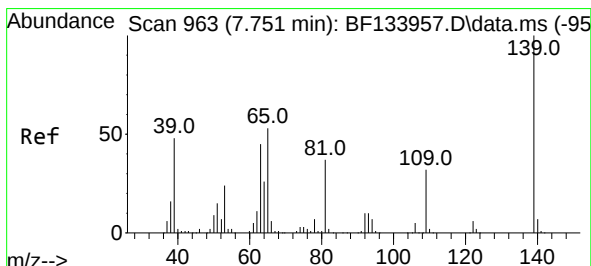
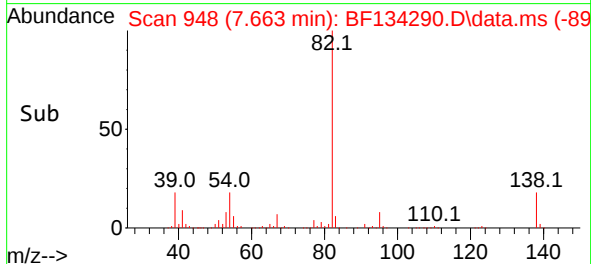
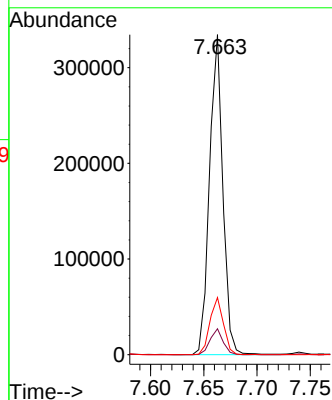
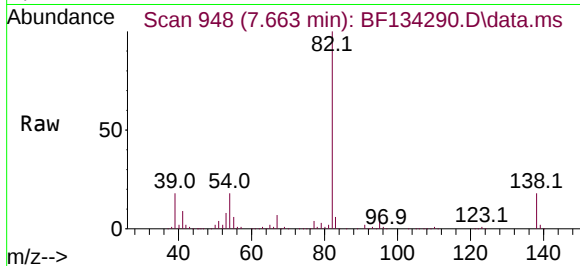




#25
Isophorone
Concen: 33.204 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

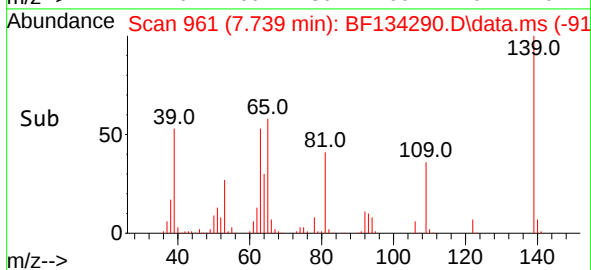
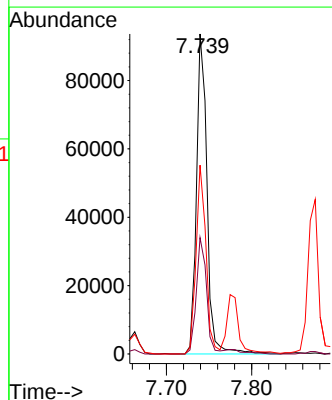
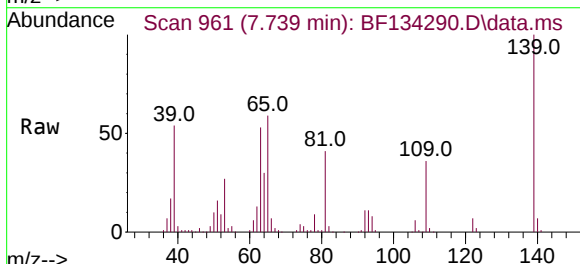
Instrument :
BNA_F
ClientSampleId :
PB153784BS

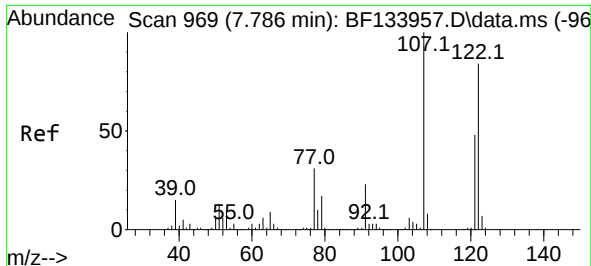
Tgt Ion: 82 Resp: 292062
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 17.8 15.2 22.8



#26
2-Nitrophenol
Concen: 34.435 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:139 Resp: 80790
Ion Ratio Lower Upper
139 100
109 36.3 25.8 38.8
65 59.0 42.4 63.6

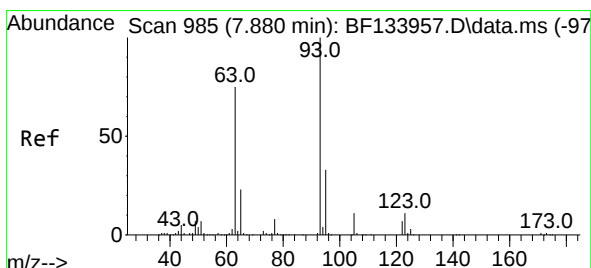
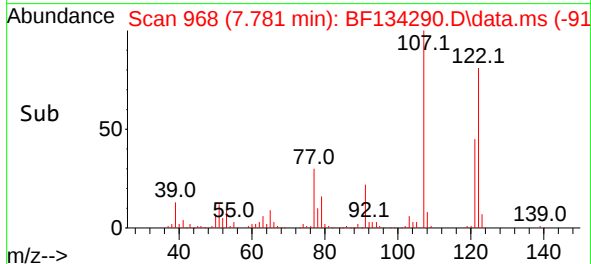
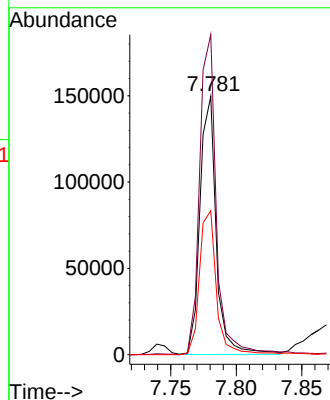
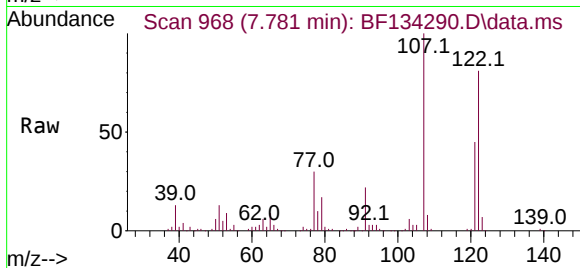




#27
2,4-Dimethylphenol
Concen: 34.962 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

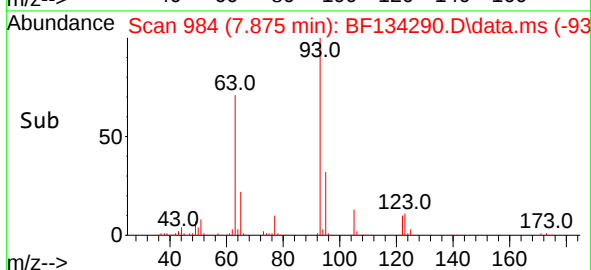
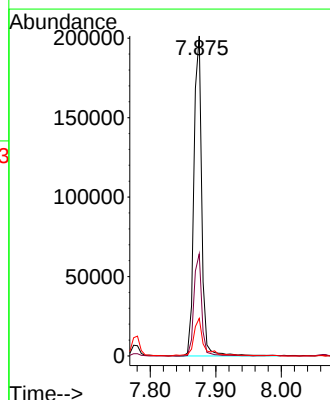
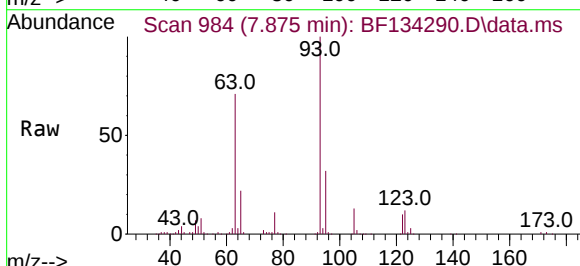
Instrument :
BNA_F
ClientSampleId :
PB153784BS

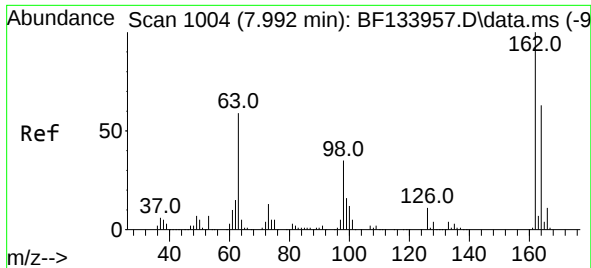
Tgt Ion:122 Resp: 129842
Ion Ratio Lower Upper
122 100
107 123.8 95.5 143.3
121 55.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 32.885 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion: 93 Resp: 167488
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 34.515 ng

RT: 7.981 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

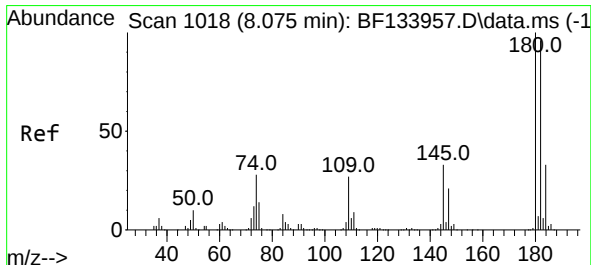
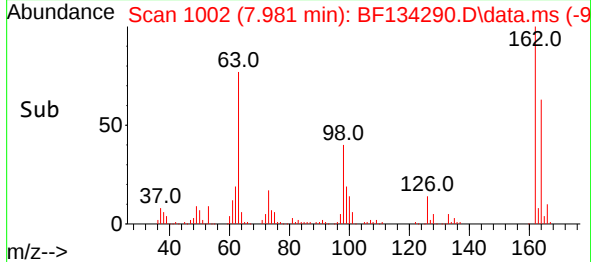
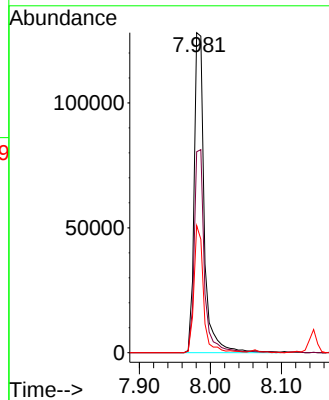
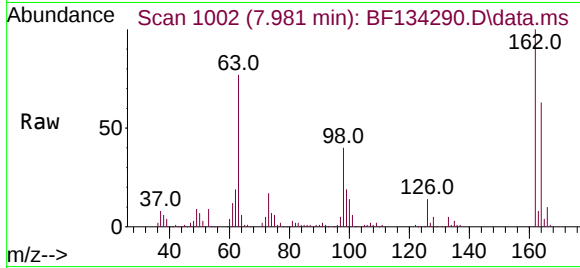
Tgt Ion:162 Resp: 127106

Ion Ratio Lower Upper

162 100

164 62.8 43.2 83.2

98 39.7 14.9 54.9



#30

1,2,4-Trichlorobenzene

Concen: 35.356 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

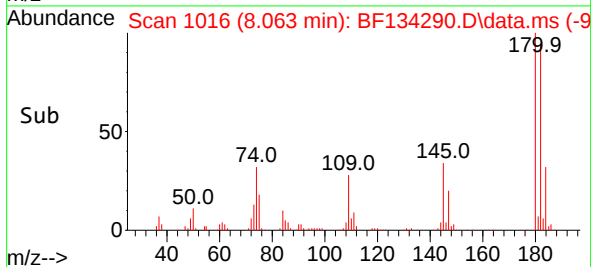
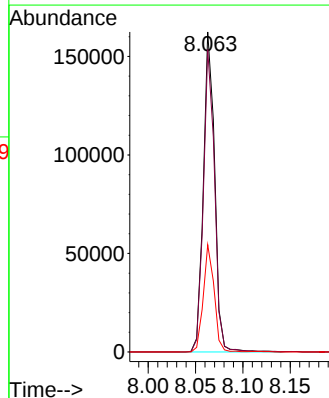
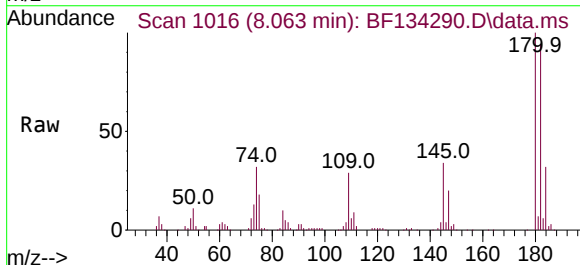
Tgt Ion:180 Resp: 134349

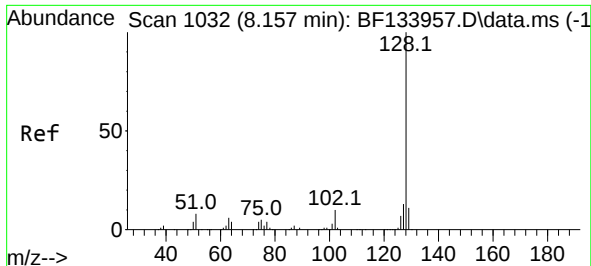
Ion Ratio Lower Upper

180 100

182 94.5 77.1 115.7

145 33.5 26.0 39.0

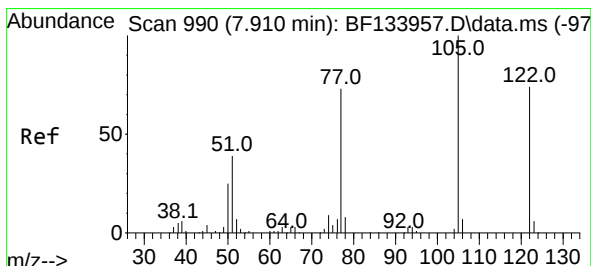
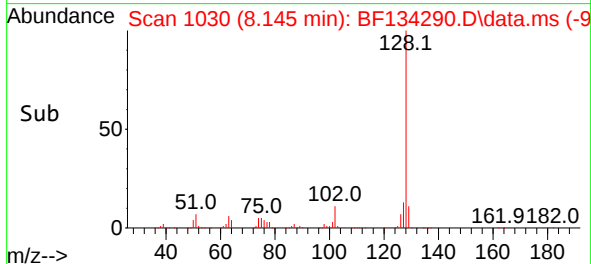
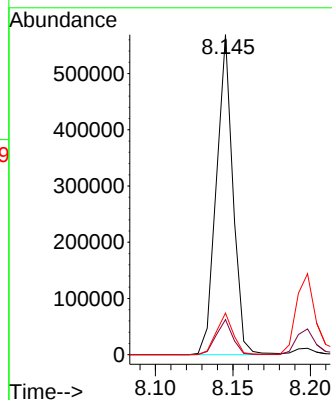
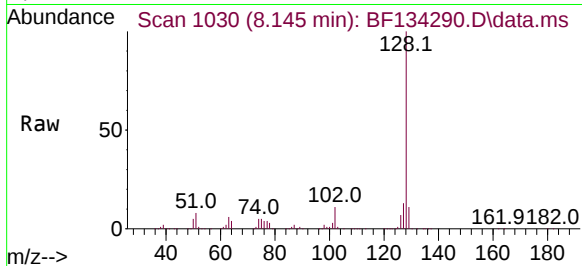




#31
Naphthalene
Concen: 33.582 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

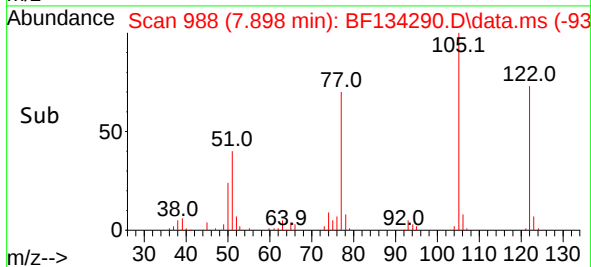
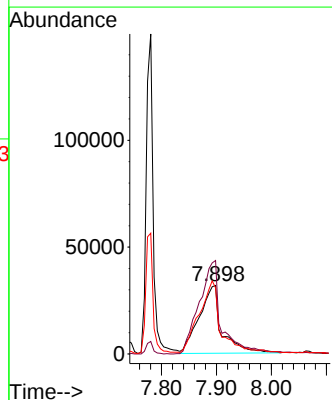
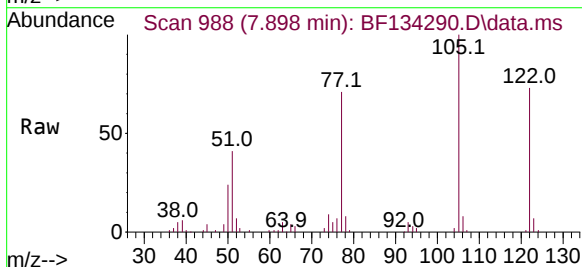
Instrument :
BNA_F
ClientSampleId :
PB153784BS

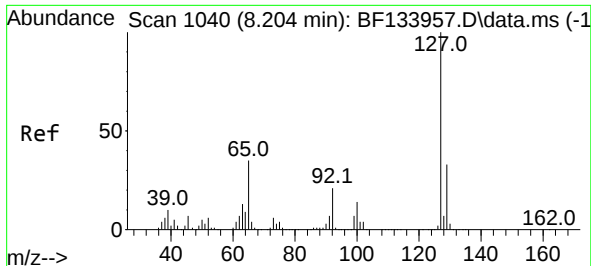
Tgt Ion:128 Resp: 423195
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 32.756 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:122 Resp: 91156
Ion Ratio Lower Upper
122 100
105 136.6 109.7 149.7
77 96.7 76.0 116.0

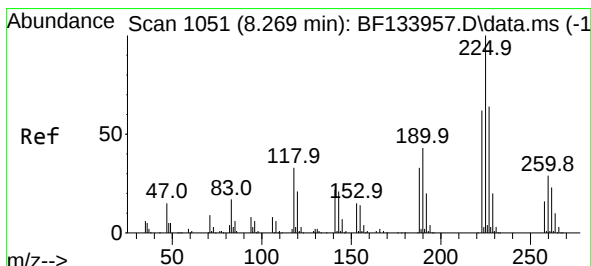
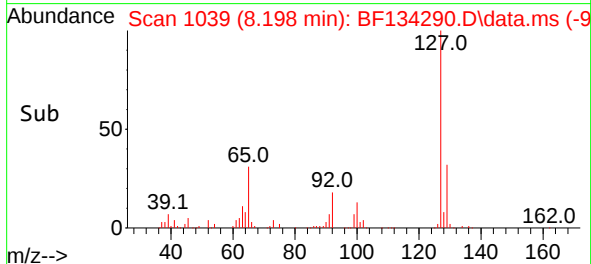
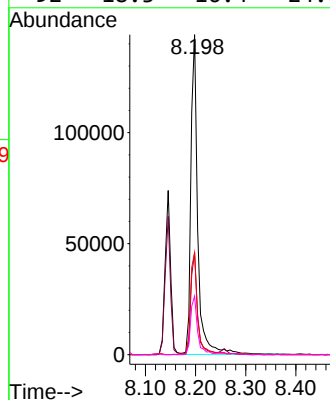
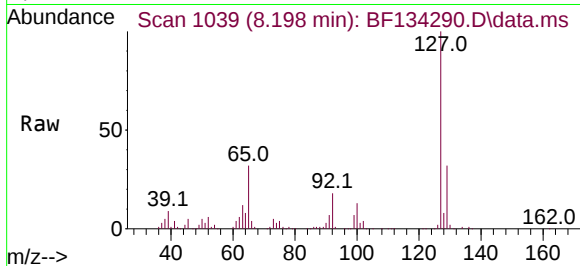




#33
4-Chloroaniline
Concen: 25.667 ng
RT: 8.198 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

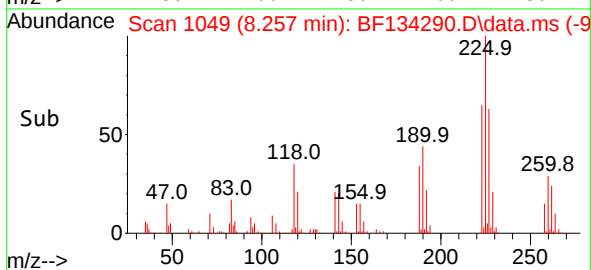
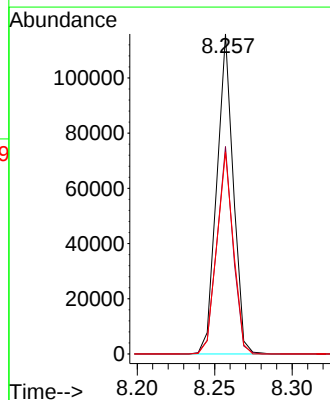
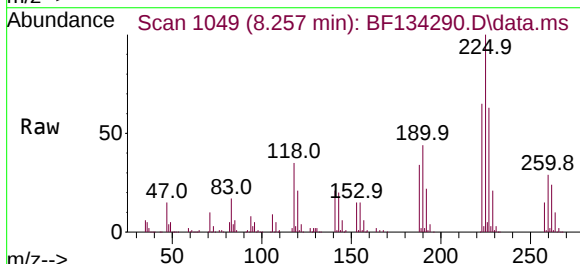
Instrument :
BNA_F
ClientSampleId :
PB153784BS

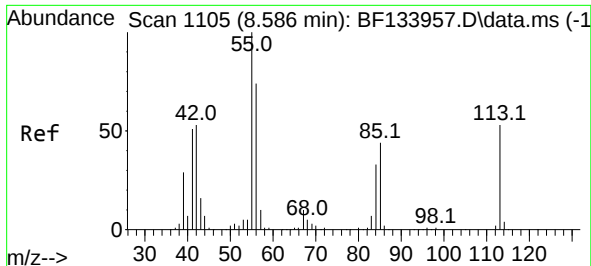
Tgt Ion:	127	Resp:	138361
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.4	39.6
65	31.9	27.8	41.8
92	18.3	16.4	24.6



#34
Hexachlorobutadiene
Concen: 35.758 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:	225	Resp:	85712
Ion Ratio	Lower	Upper	
225	100		
223	64.8	49.8	74.8
227	63.1	51.0	76.4

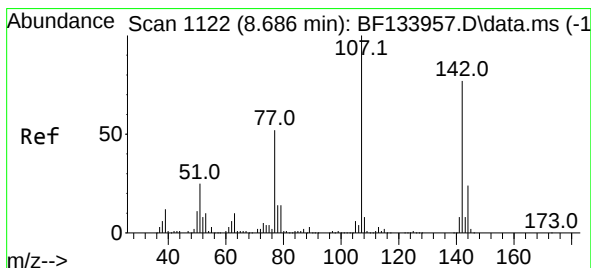
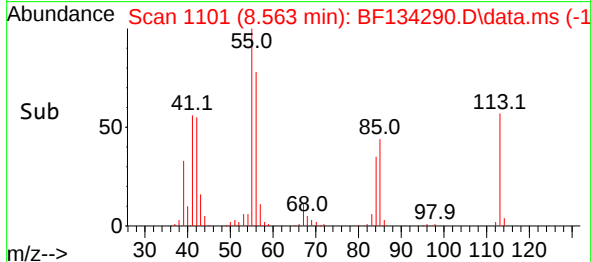
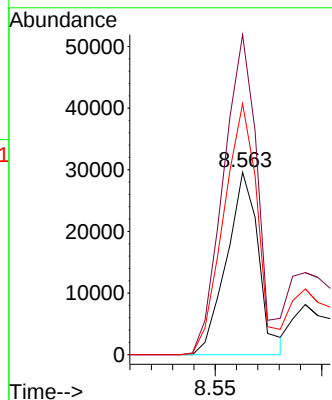
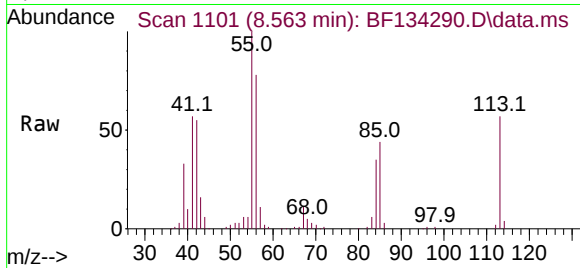




#35
 Caprolactam
 Concen: 25.377 ng
 RT: 8.563 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

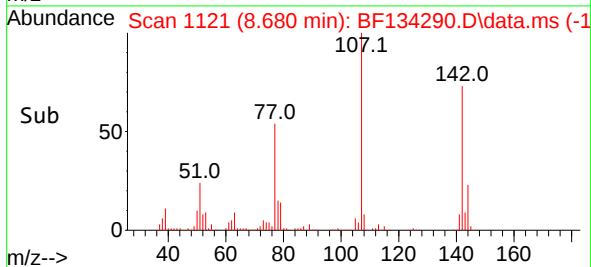
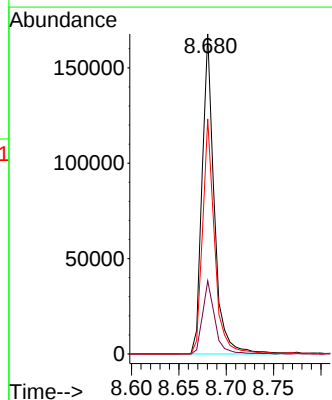
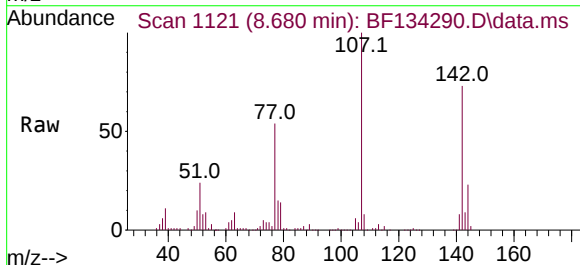
Instrument :
 BNA_F
 ClientSampleId :
 PB153784BS

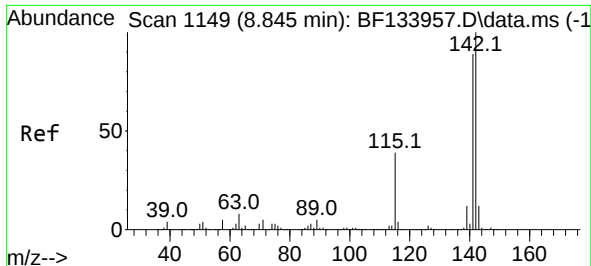
Tgt Ion:113 Resp: 30771
 Ion Ratio Lower Upper
 113 100
 55 175.4 170.2 210.2
 56 137.6 121.4 161.4



#36
 4-Chloro-3-methylphenol
 Concen: 36.321 ng
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

Tgt Ion:107 Resp: 150265
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.6 29.4
 142 73.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 33.090 ng

RT: 8.839 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

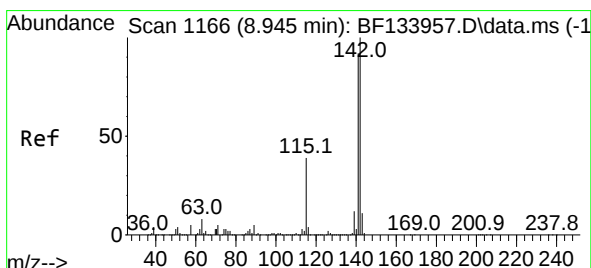
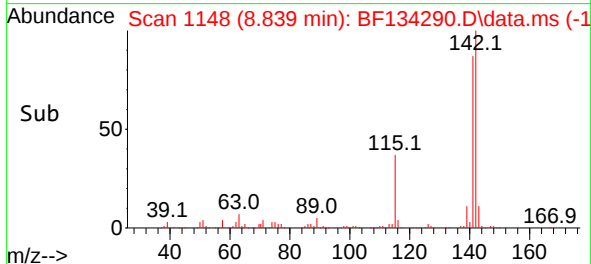
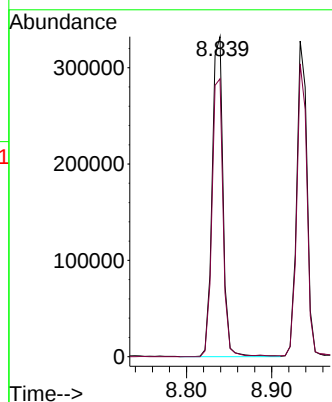
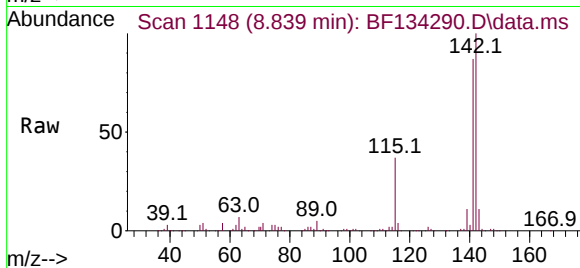
PB153784BS

Tgt Ion:142 Resp: 294882

Ion Ratio Lower Upper

142 100

141 86.8 71.0 106.4



#38

1-Methylnaphthalene

Concen: 33.303 ng

RT: 8.933 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF134290.D

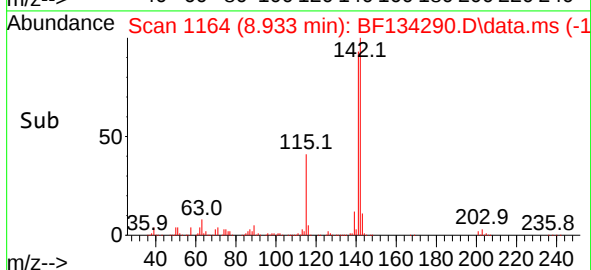
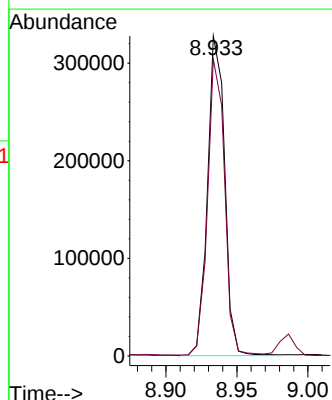
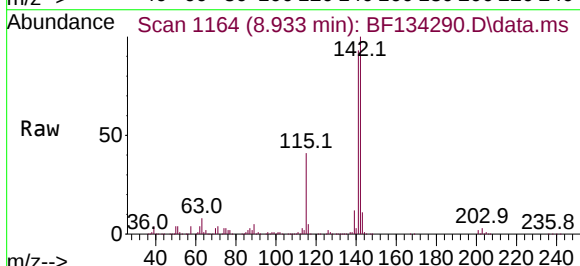
Acq: 14 Jul 2023 14:47

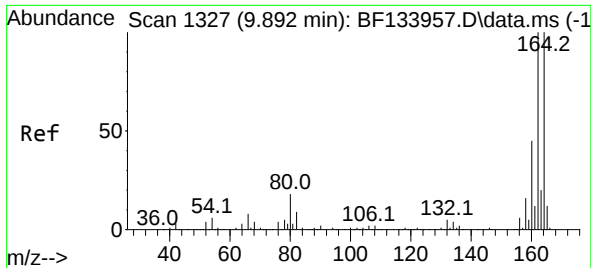
Tgt Ion:142 Resp: 275896

Ion Ratio Lower Upper

142 100

141 92.7 73.5 110.3

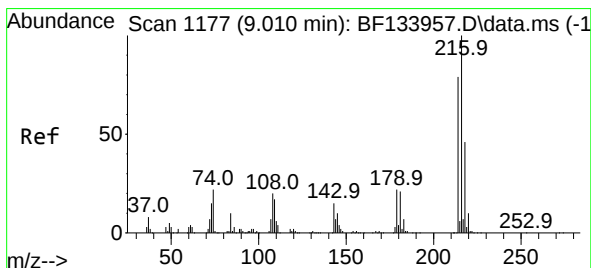
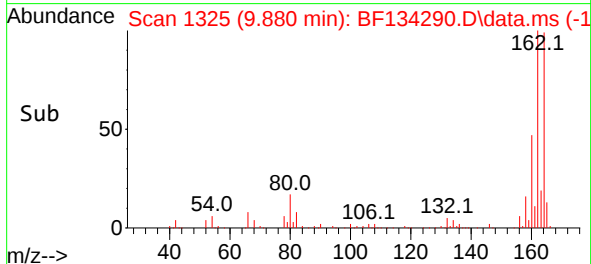
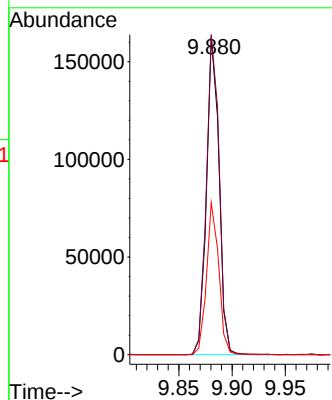
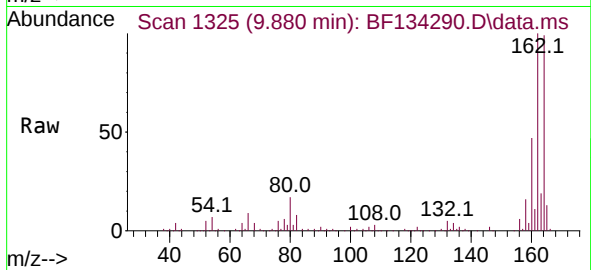




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

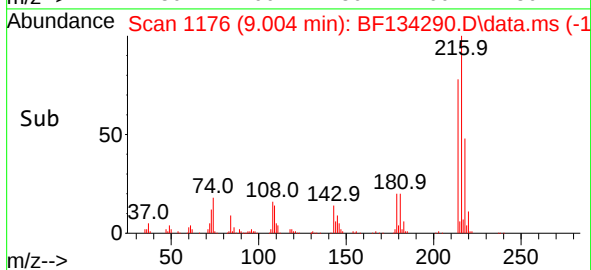
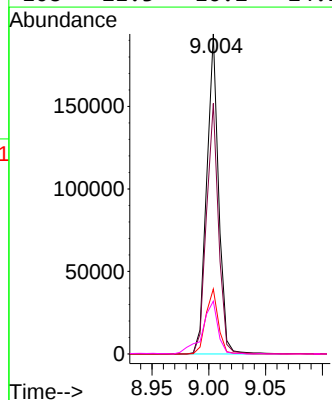
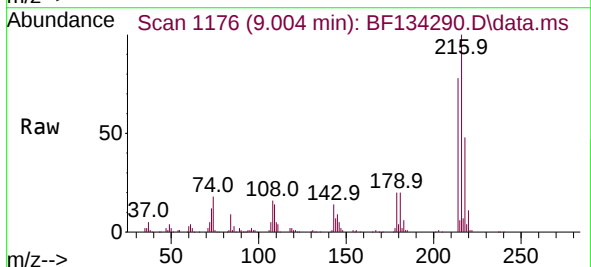
Instrument :
BNA_F
ClientSampleId :
PB153784BS

Tgt Ion:164 Resp: 133350
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 47.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.804 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:216 Resp: 141453
Ion Ratio Lower Upper
216 100
214 79.2 64.1 96.1
179 21.2 17.3 25.9
108 21.3 16.2 24.2

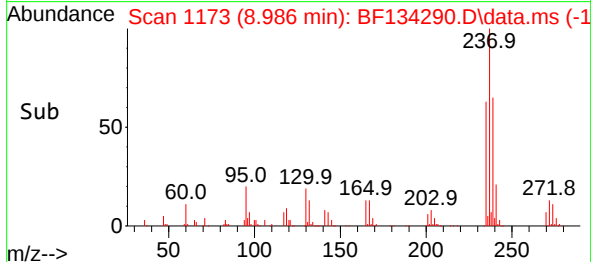
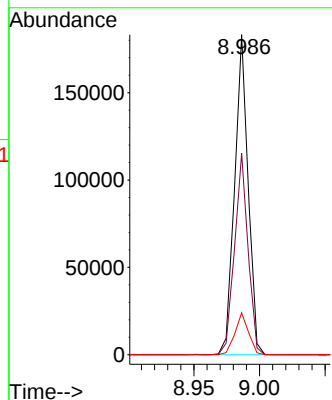
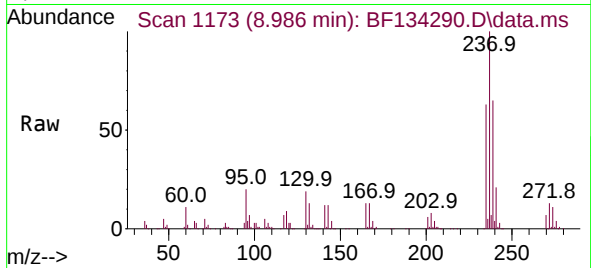




#41
Hexachlorocyclopentadiene
Concen: 69.982 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

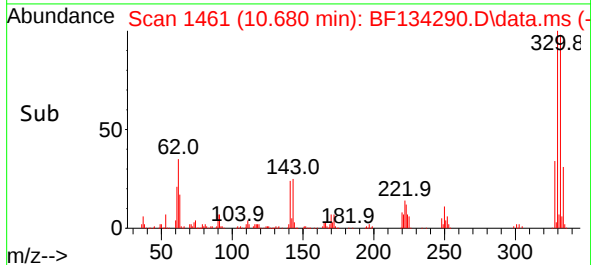
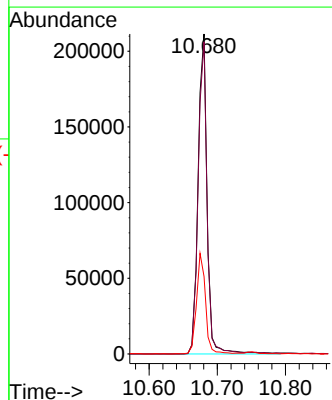
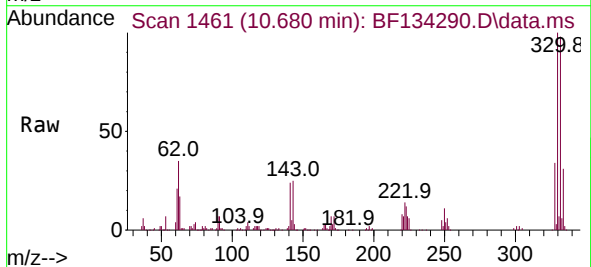
Instrument :
BNA_F
ClientSampleId :
PB153784BS

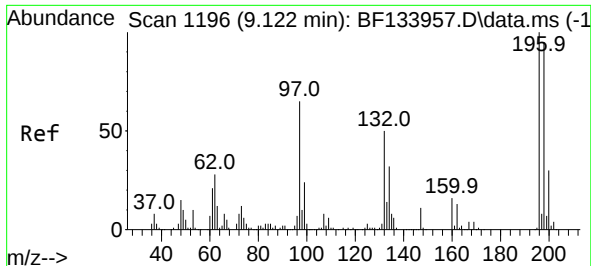
Tgt Ion:237 Resp: 131166
Ion Ratio Lower Upper
237 100
235 62.9 42.8 82.8
272 13.1 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 116.027 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:330 Resp: 193990
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 34.800 ng

RT: 9.116 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

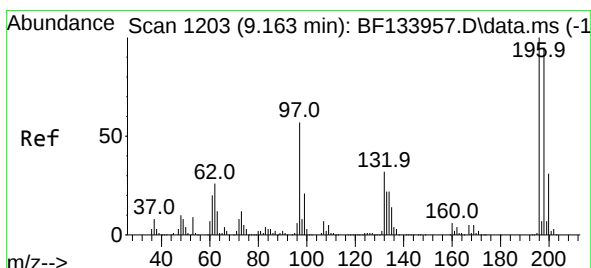
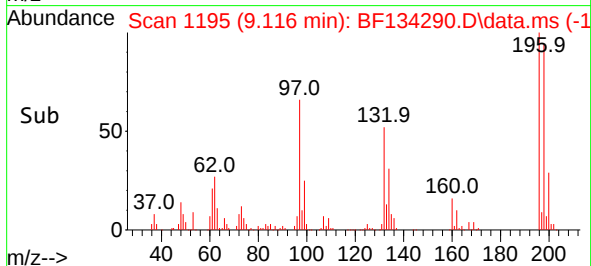
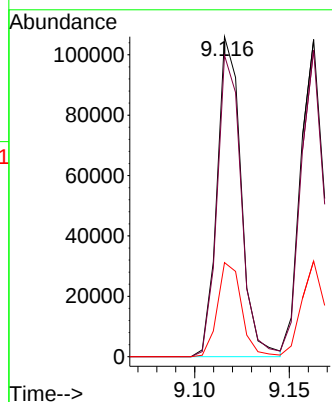
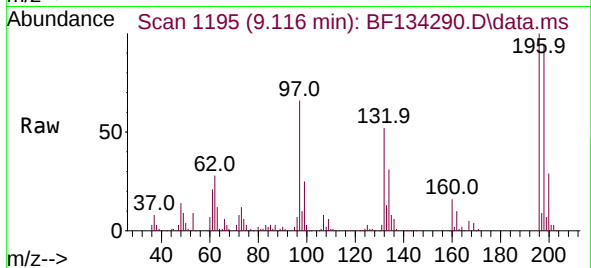
Tgt Ion:196 Resp: 93591

Ion Ratio Lower Upper

196 100

198 94.2 75.6 113.4

200 29.4 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 31.993 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Tgt Ion:196 Resp: 101209

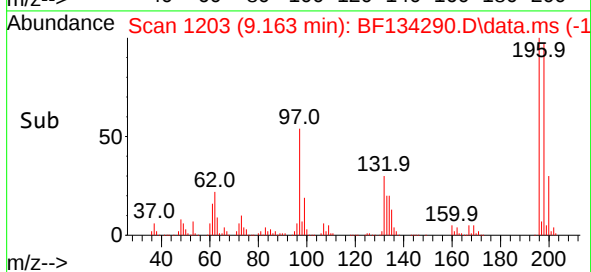
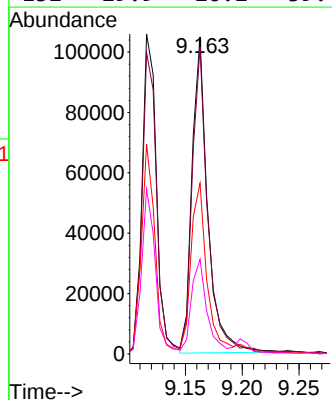
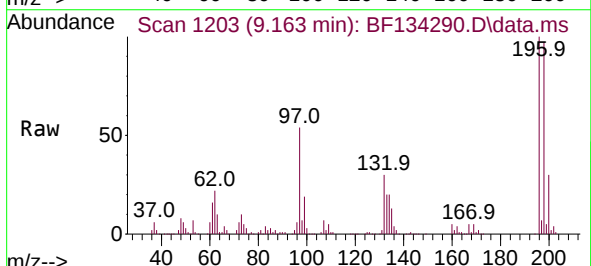
Ion Ratio Lower Upper

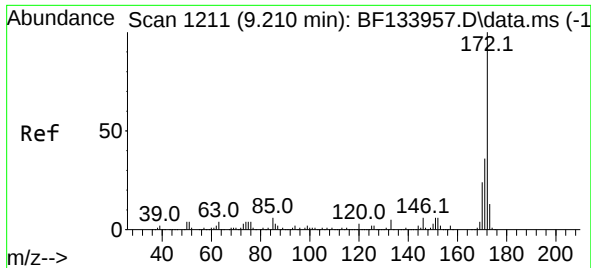
196 100

198 96.7 75.7 113.5

97 53.8 45.8 68.6

132 29.9 26.2 39.4

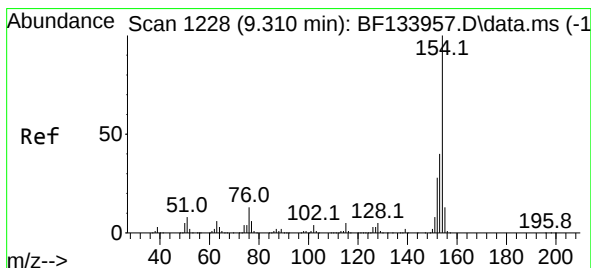
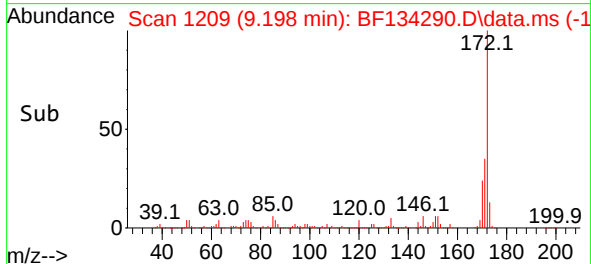
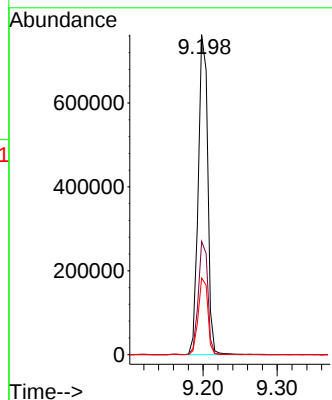
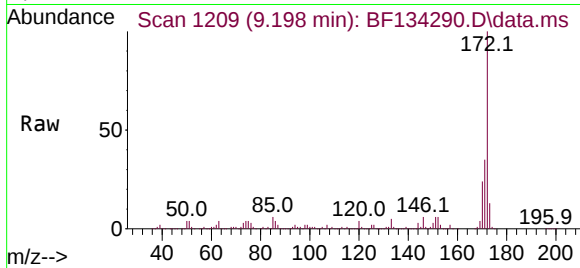




#45
2-Fluorobiphenyl
Concen: 73.860 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

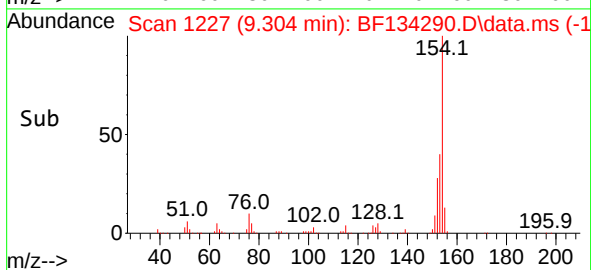
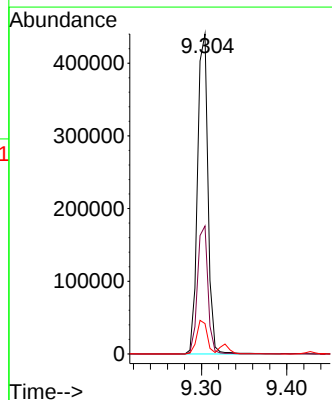
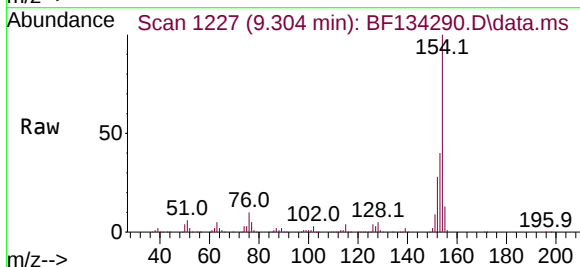
Instrument :
BNA_F
ClientSampleId :
PB153784BS

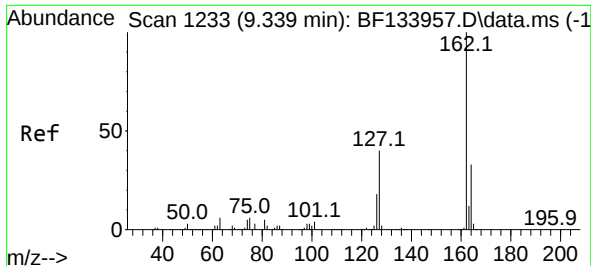
Tgt Ion:172 Resp: 677441
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.0 19.4 29.0



#46
1,1'-Biphenyl
Concen: 35.107 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:154 Resp: 375534
Ion Ratio Lower Upper
154 100
153 40.0 19.8 59.8
76 9.5 0.0 32.9





#47

2-Chloronaphthalene

Concen: 35.888 ng

RT: 9.327 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

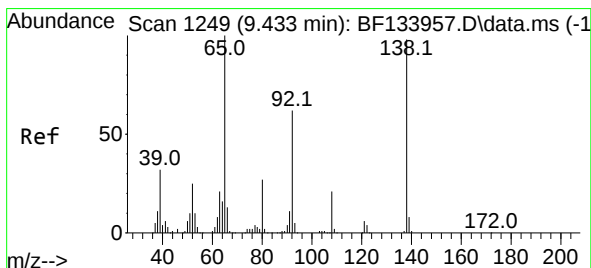
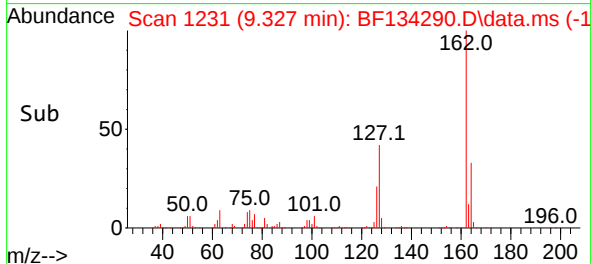
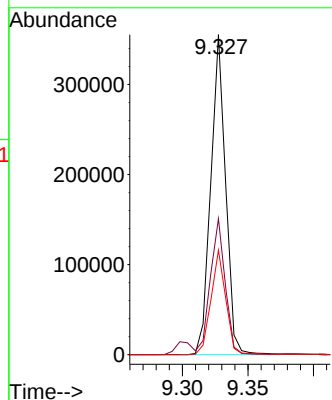
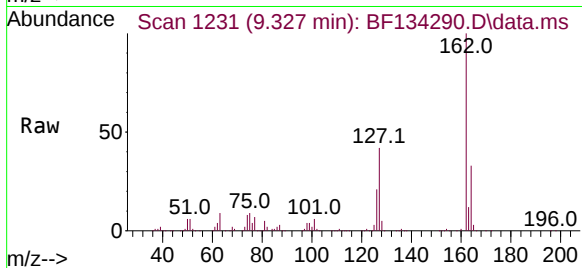
Tgt Ion:162 Resp: 280875

Ion Ratio Lower Upper

162 100

127 42.5 32.9 49.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 34.540 ng

RT: 9.427 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

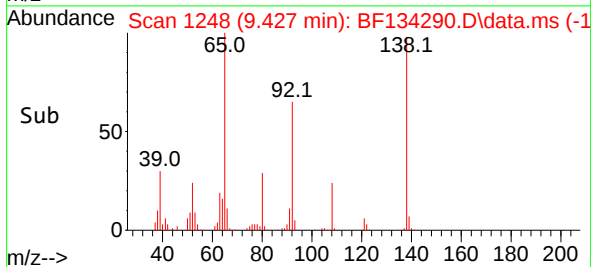
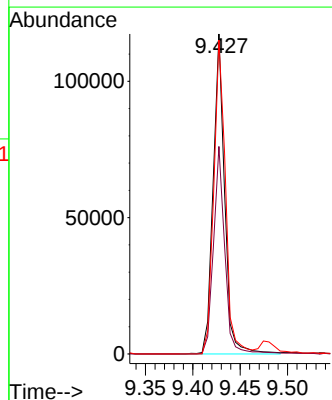
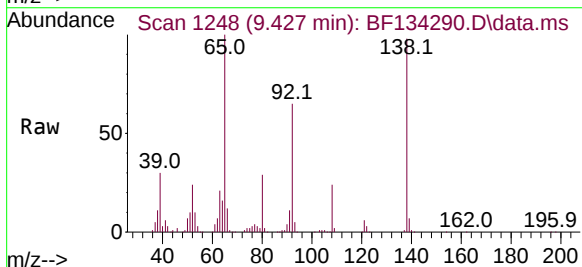
Tgt Ion: 65 Resp: 98520

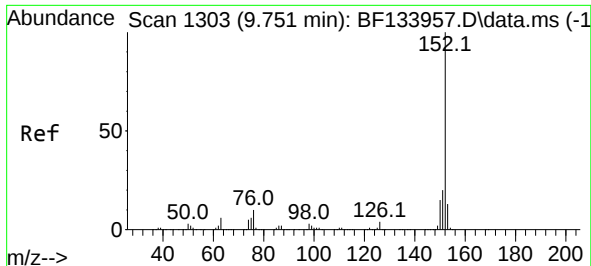
Ion Ratio Lower Upper

65 100

92 64.8 49.5 74.3

138 98.1 78.0 117.0





#49

Acenaphthylene

Concen: 34.838 ng

RT: 9.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

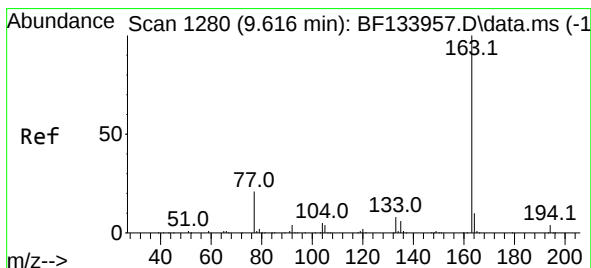
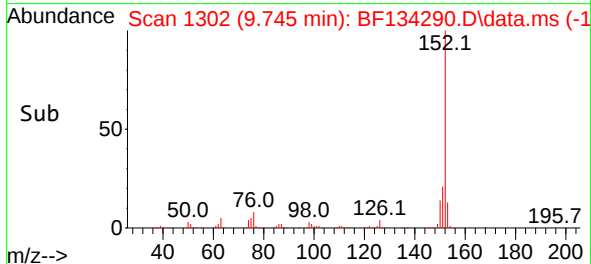
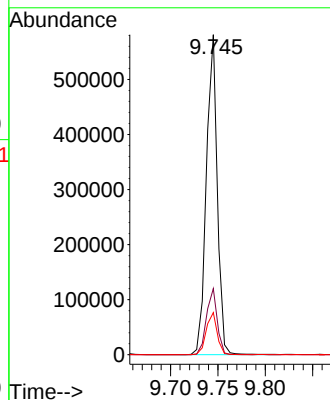
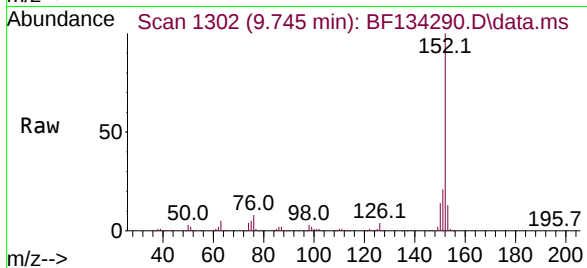
Tgt Ion:152 Resp: 465774

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 13.2 10.8 16.2



#50

Dimethylphthalate

Concen: 36.377 ng

RT: 9.604 min Scan# 1278

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

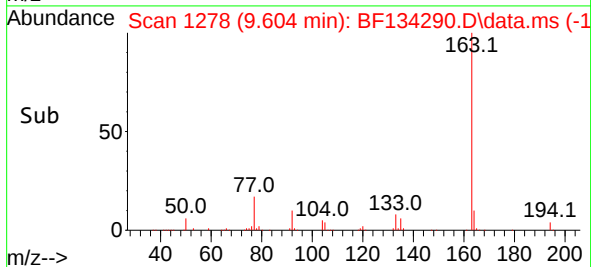
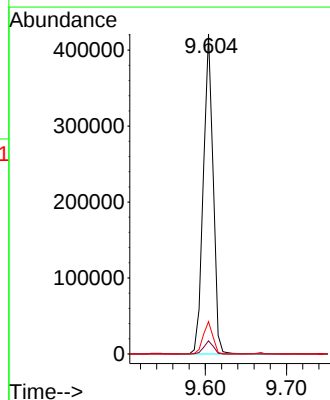
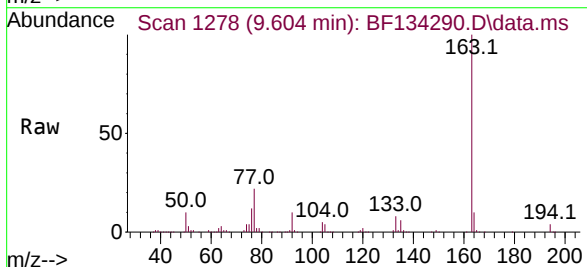
Tgt Ion:163 Resp: 352123

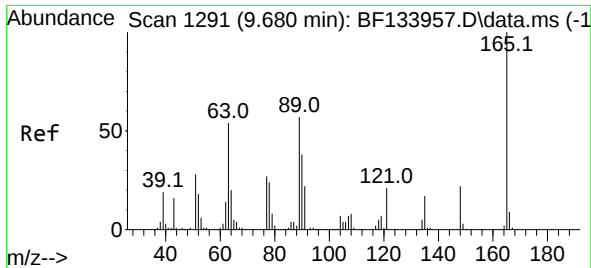
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.2

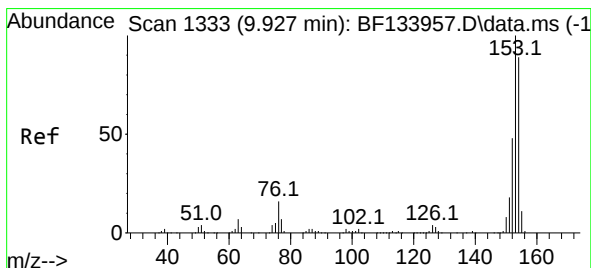
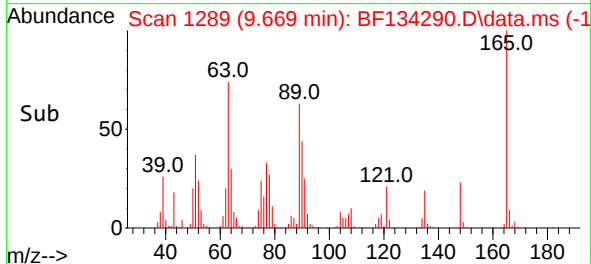
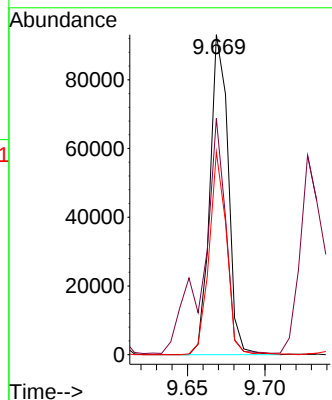
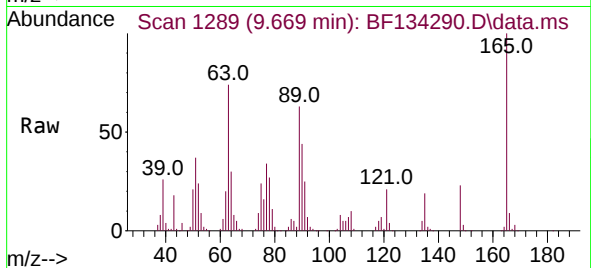




#51
2,6-Dinitrotoluene
Concen: 36.463 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

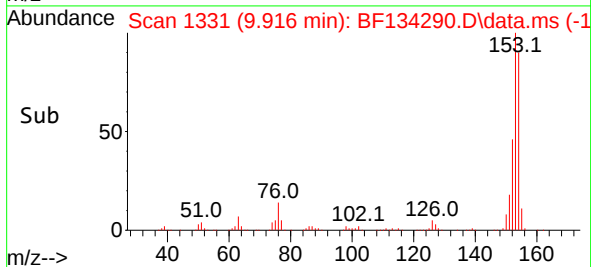
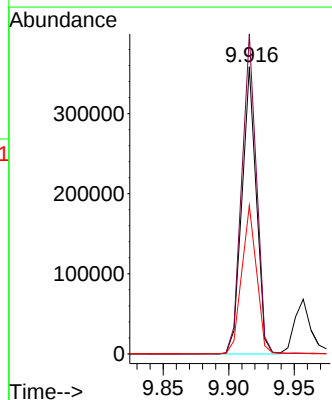
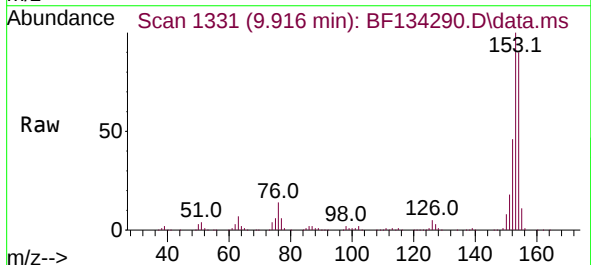
Instrument :
BNA_F
ClientSampleId :
PB153784BS

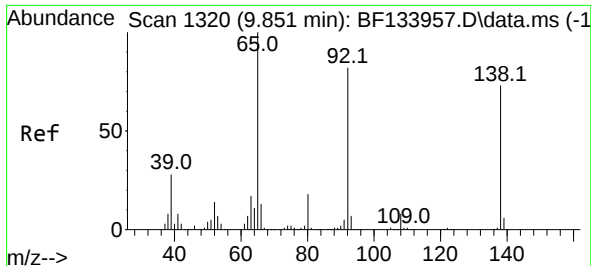
Tgt Ion:165 Resp: 76021
Ion Ratio Lower Upper
165 100
63 73.8 48.5 72.7#
89 63.3 45.5 68.3



#52
Acenaphthene
Concen: 35.616 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:154 Resp: 276305
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.2
152 51.7 42.8 64.2

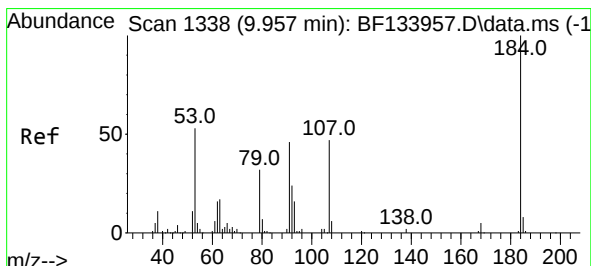
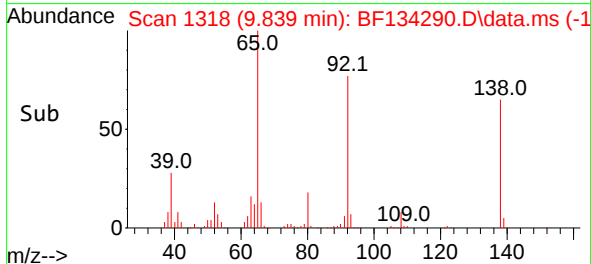
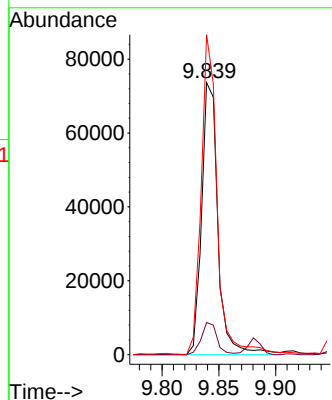
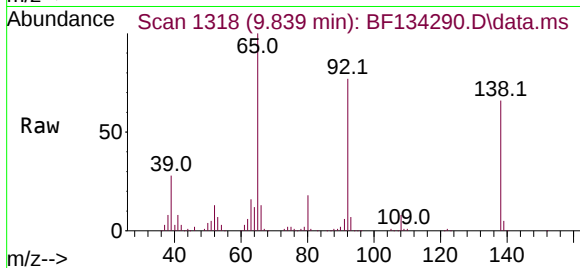




#53
3-Nitroaniline
Concen: 29.429 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

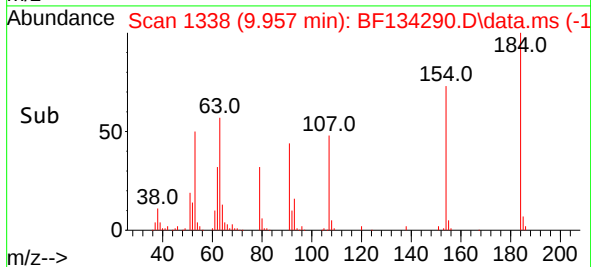
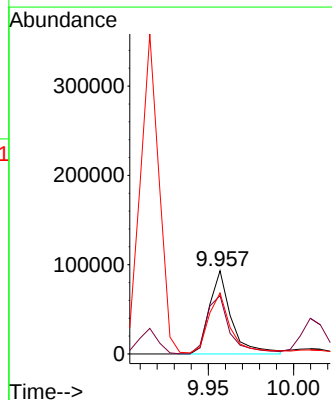
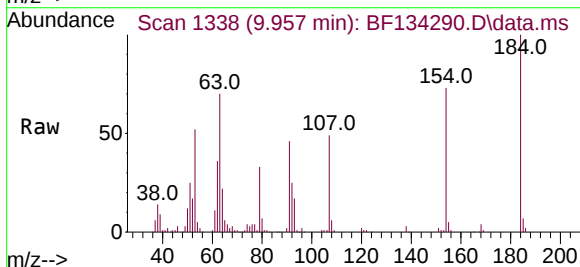
Instrument :
BNA_F
ClientSampleId :
PB153784BS

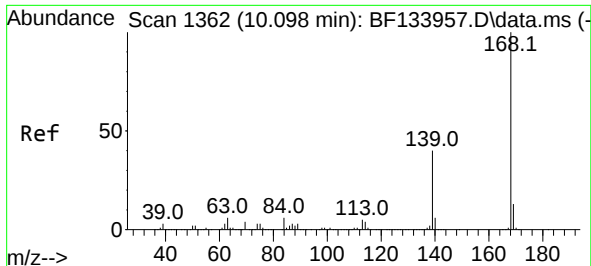
Tgt Ion:138 Resp: 73608
Ion Ratio Lower Upper
138 100
108 11.8 8.4 12.6
92 117.7 90.1 135.1



#54
2,4-Dinitrophenol
Concen: 69.435 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:184 Resp: 82957
Ion Ratio Lower Upper
184 100
63 70.1 56.9 85.3
154 73.2 55.4 83.0

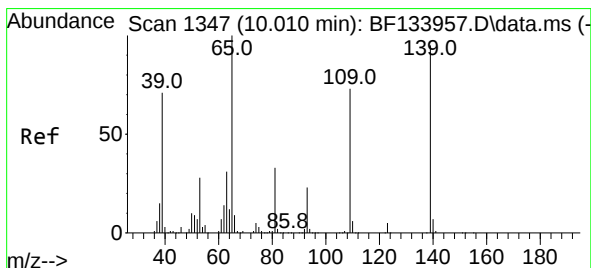
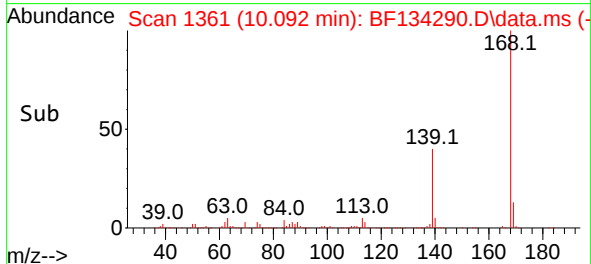
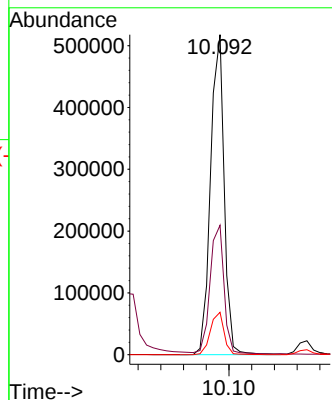
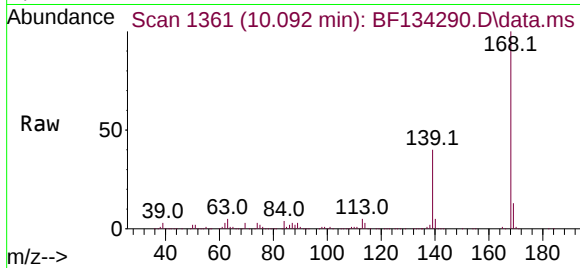




#55
Dibenzenofuran
Concen: 35.520 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

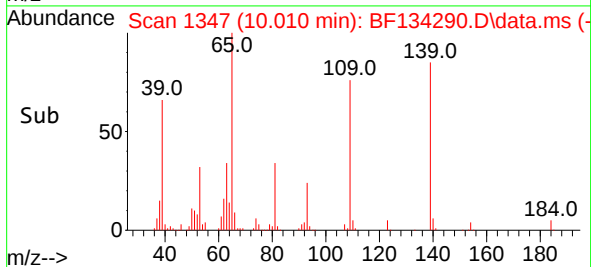
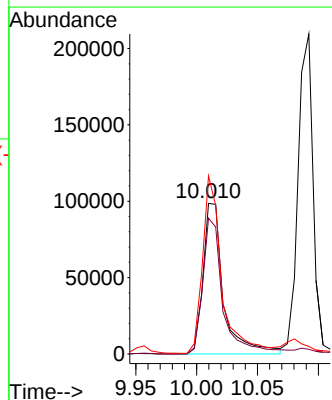
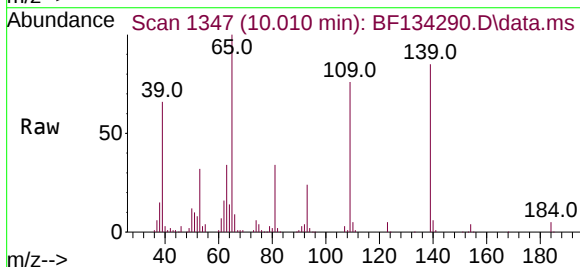
Instrument :
BNA_F
ClientSampleId :
PB153784BS

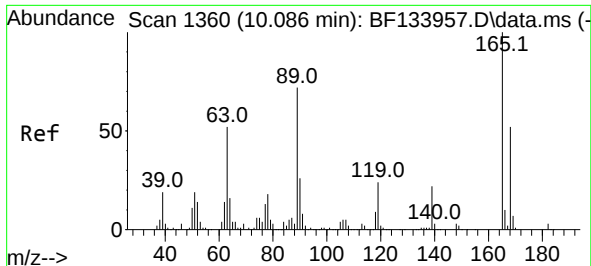
Tgt Ion:168 Resp: 430654
Ion Ratio Lower Upper
168 100
139 40.5 32.0 48.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 66.460 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

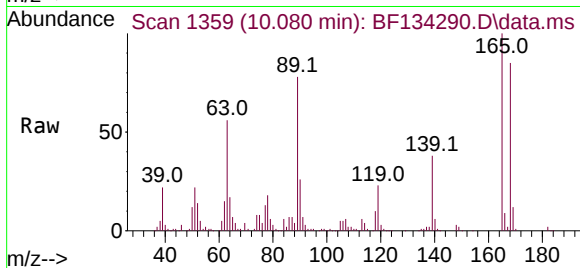
Tgt Ion:139 Resp: 116275
Ion Ratio Lower Upper
139 100
109 90.2 56.8 96.8
65 118.3 86.1 126.1



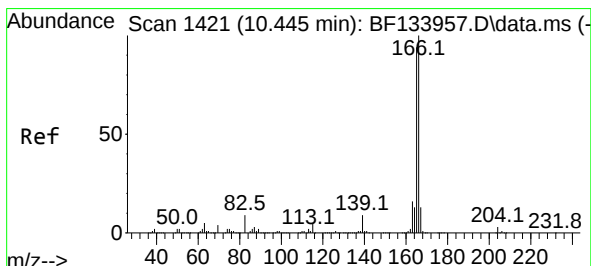
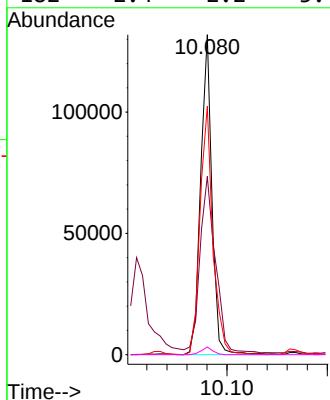
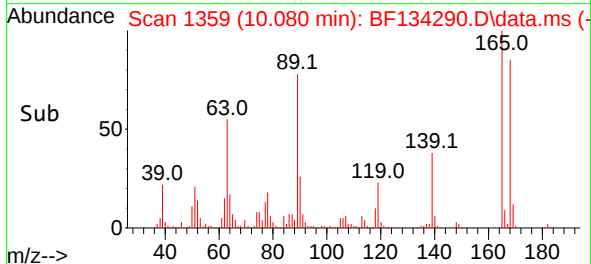


#57
2,4-Dinitrotoluene
Concen: 37.446 ng
RT: 10.080 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

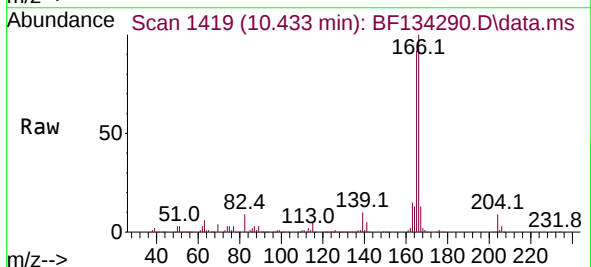
Instrument :
BNA_F
ClientSampleId :
PB153784BS



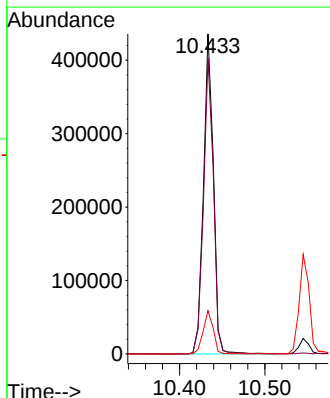
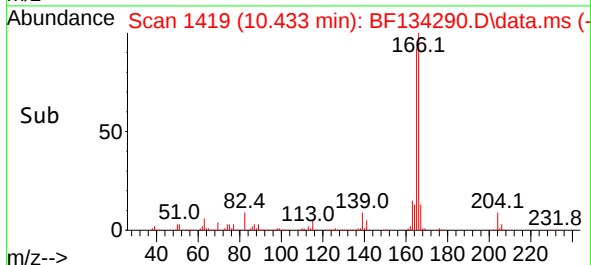
Tgt Ion:165 Resp: 103102
Ion Ratio Lower Upper
165 100
63 55.7 42.2 63.2
89 77.6 57.4 86.2
182 2.4 2.2 3.4

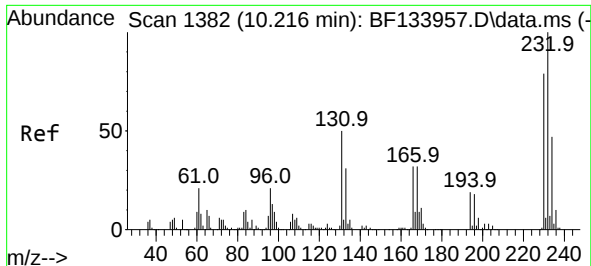


#58
Fluorene
Concen: 37.377 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47



Tgt Ion:166 Resp: 352555
Ion Ratio Lower Upper
166 100
165 92.4 75.0 112.4
167 13.5 10.6 15.8

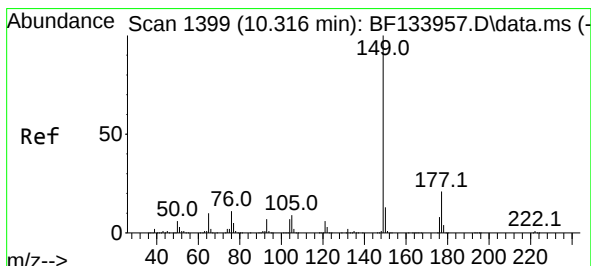
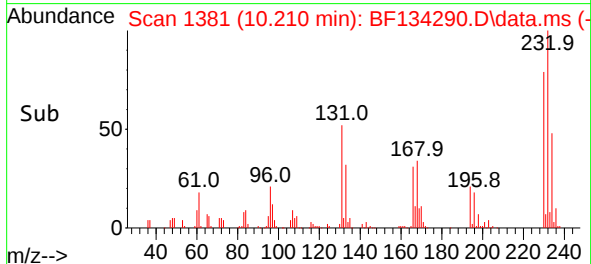
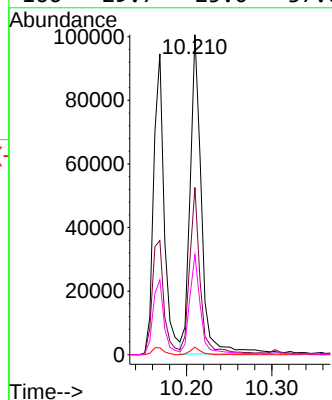
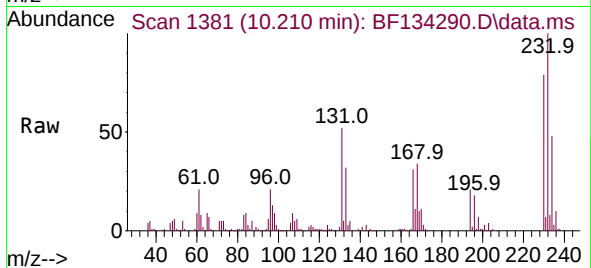




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.825 ng
RT: 10.210 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

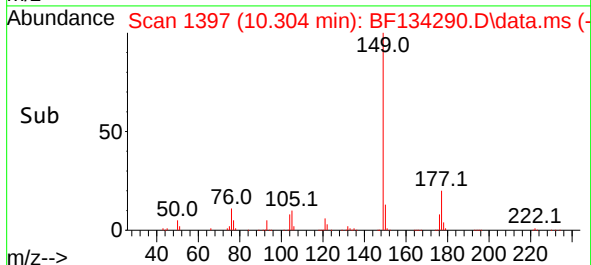
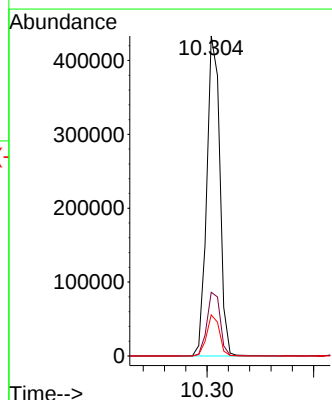
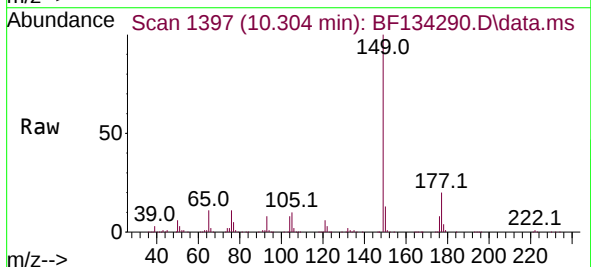
Instrument :
BNA_F
ClientSampleId :
PB153784BS

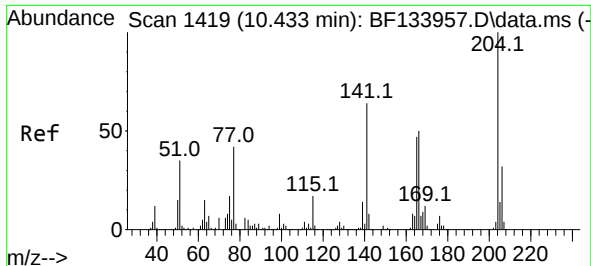
Tgt Ion:232 Resp: 91891
Ion Ratio Lower Upper
232 100
131 48.0 39.3 58.9
130 2.2 1.8 2.6
166 29.7 25.0 37.6



#60
Diethylphthalate
Concen: 36.779 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:149 Resp: 370915
Ion Ratio Lower Upper
149 100
177 19.9 17.0 25.6
150 12.9 10.2 15.2

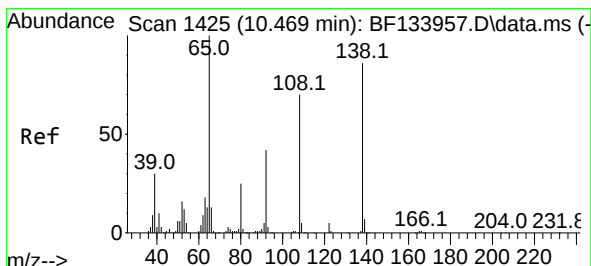
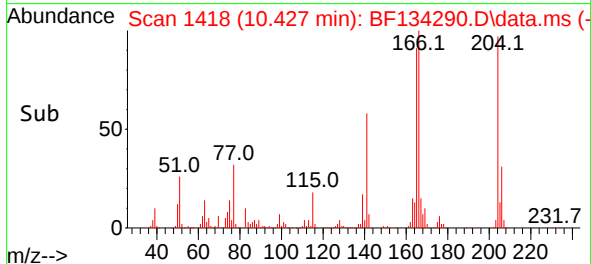
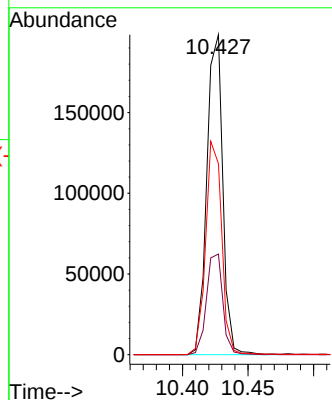
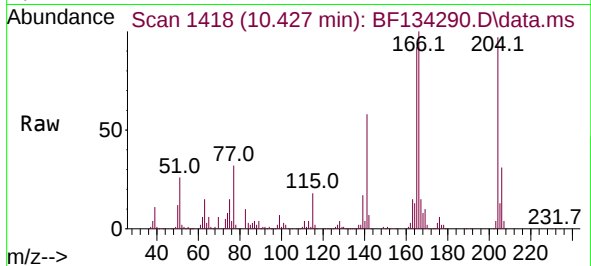




#61
4-Chlorophenyl-phenylether
Concen: 37.094 ng
RT: 10.427 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

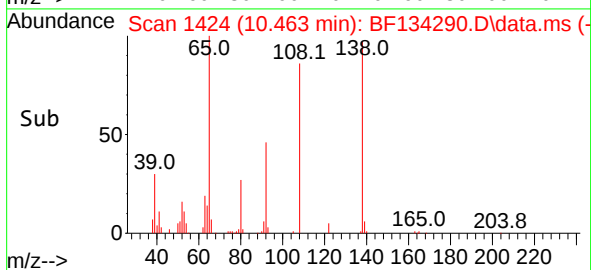
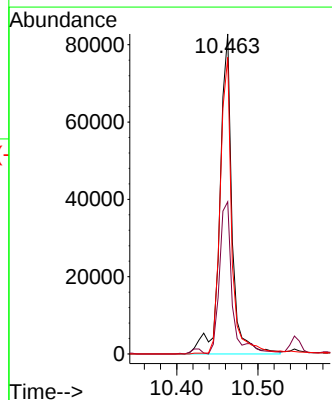
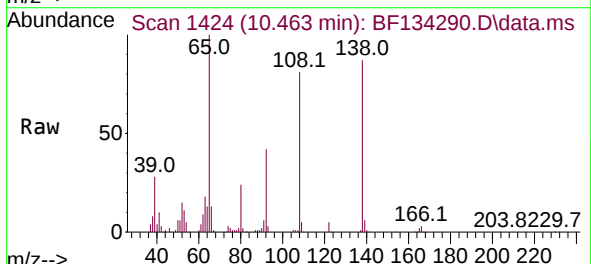
Instrument :
BNA_F
ClientSampleId :
PB153784BS

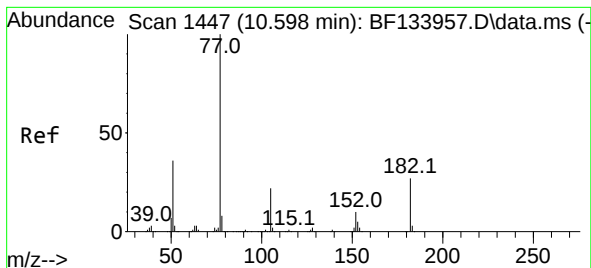
Tgt Ion:204 Resp: 168619
Ion Ratio Lower Upper
204 100
206 31.5 25.8 38.6
141 59.7 51.5 77.3



#62
4-Nitroaniline
Concen: 34.268 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:138 Resp: 86378
Ion Ratio Lower Upper
138 100
92 47.6 29.7 69.7
108 92.6 62.1 102.1





#63

Azobenzene

Concen: 35.249 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

Tgt Ion: 77 Resp: 336258

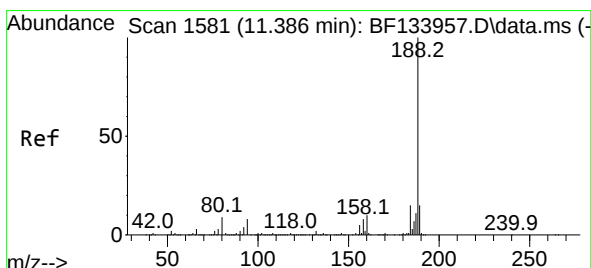
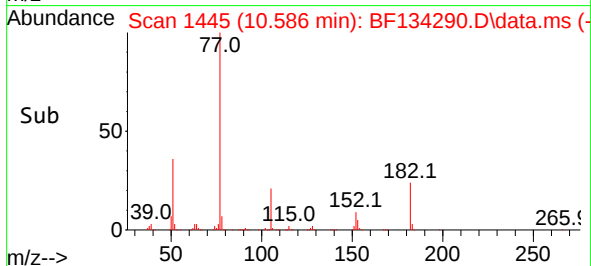
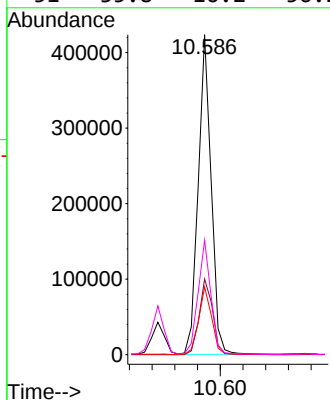
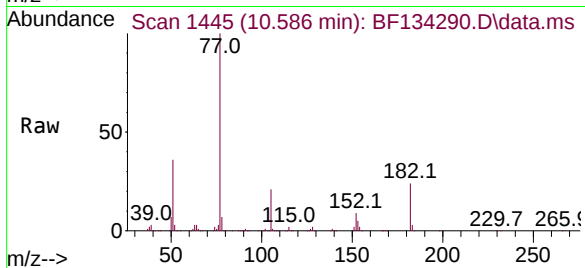
Ion Ratio Lower Upper

77 100

182 23.7 6.8 46.8

105 21.2 2.3 42.3

51 35.8 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

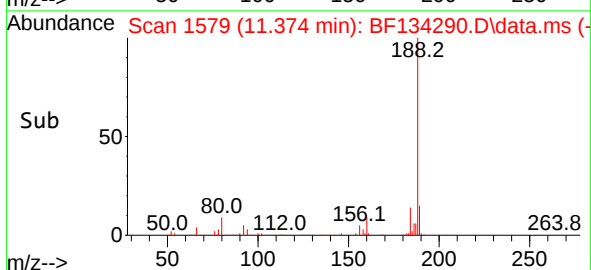
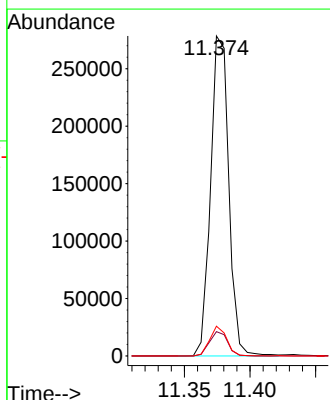
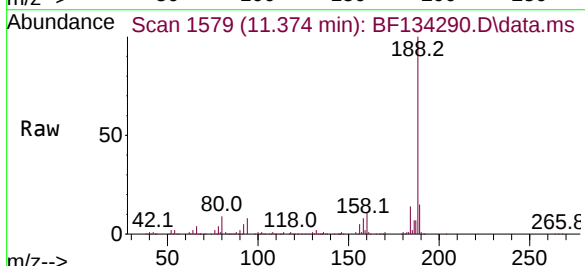
Tgt Ion:188 Resp: 268844

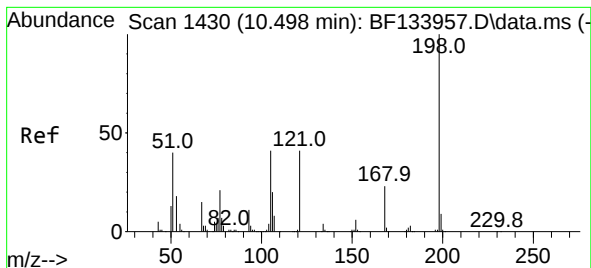
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 9.3 7.3 10.9

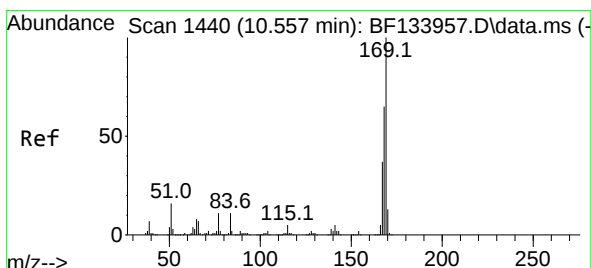
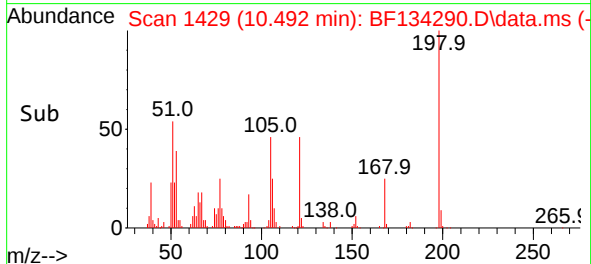
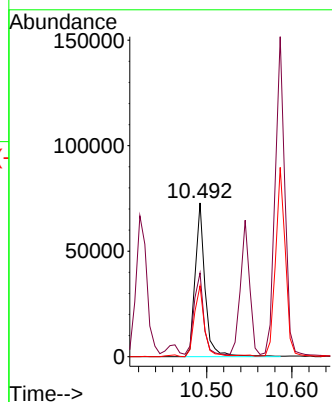
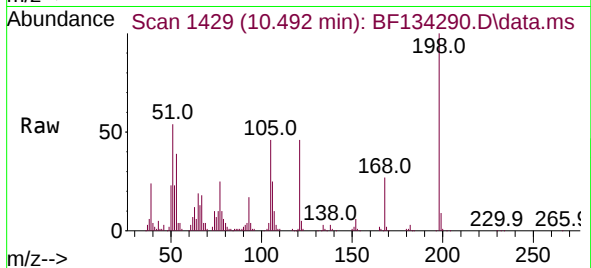




#65
4,6-Dinitro-2-methylphenol
Concen: 40.212 ng
RT: 10.492 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

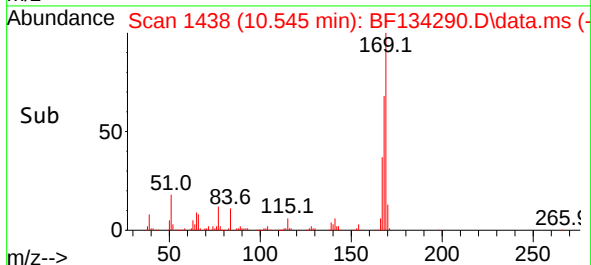
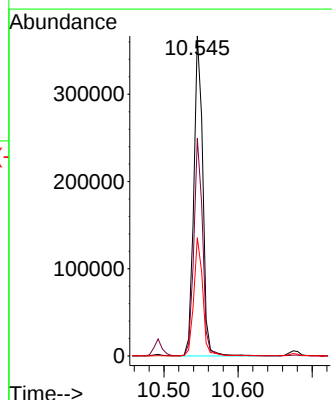
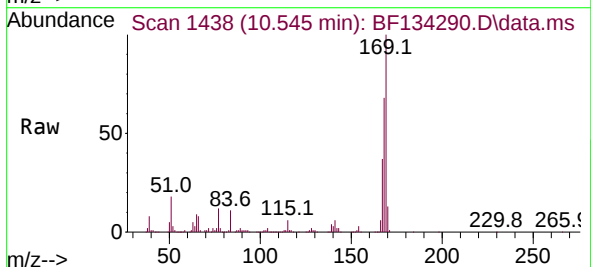
Instrument :
BNA_F
ClientSampleId :
PB153784BS

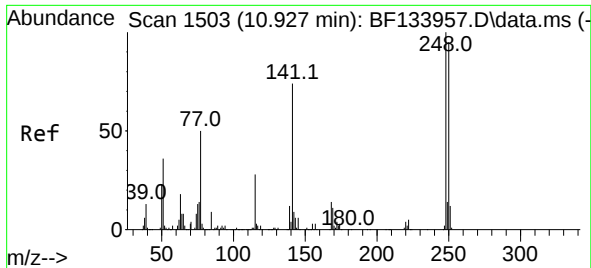
Tgt Ion:198 Resp: 58940
Ion Ratio Lower Upper
198 100
51 54.4 29.3 69.3
105 46.1 22.4 62.4



#66
n-Nitrosodiphenylamine
Concen: 35.955 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:169 Resp: 308843
Ion Ratio Lower Upper
169 100
168 68.0 52.3 78.5
167 36.9 29.4 44.0

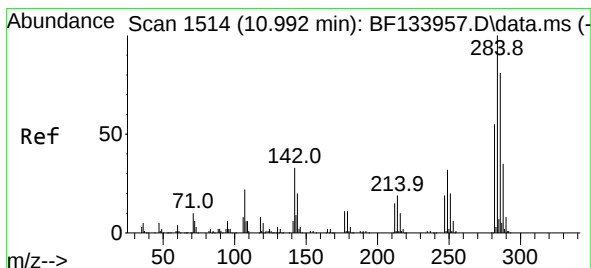
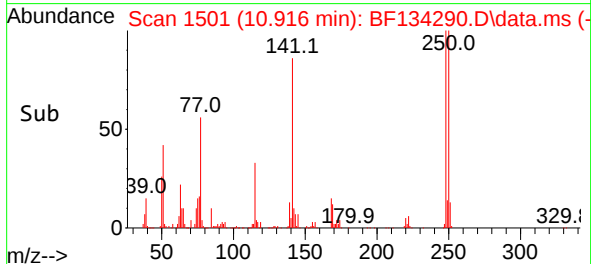
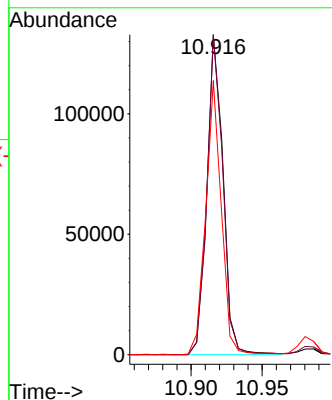
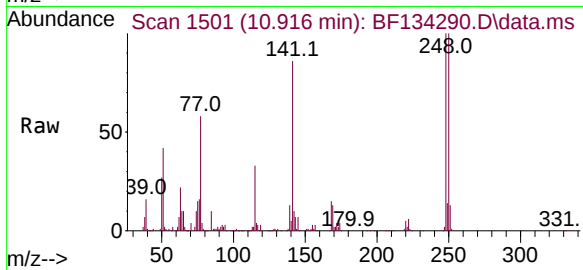




#67
4-Bromophenyl-phenylether
Concen: 36.960 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

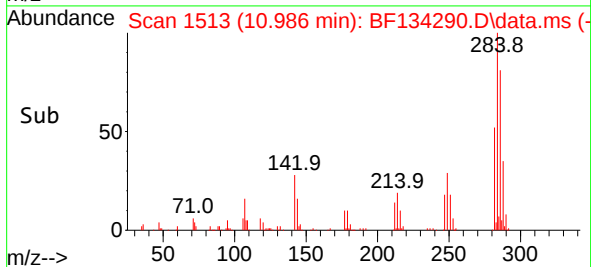
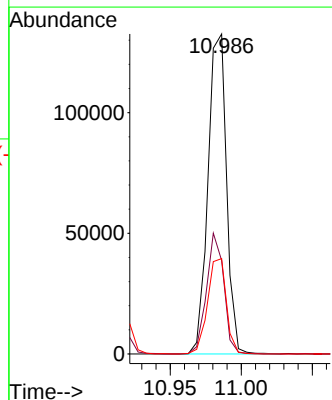
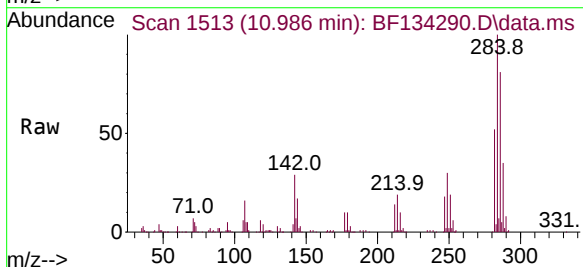
Instrument :
BNA_F
ClientSampleId :
PB153784BS

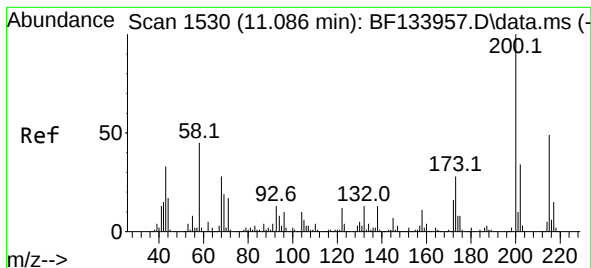
Tgt Ion:248 Resp: 105614
Ion Ratio Lower Upper
248 100
250 100.0 76.2 114.4
141 85.7 59.0 88.4



#68
Hexachlorobenzene
Concen: 39.867 ng
RT: 10.986 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:284 Resp: 120957
Ion Ratio Lower Upper
284 100
142 29.2 26.6 40.0
249 29.8 25.5 38.3





#69

Atrazine

Concen: 43.079 ng

RT: 11.074 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

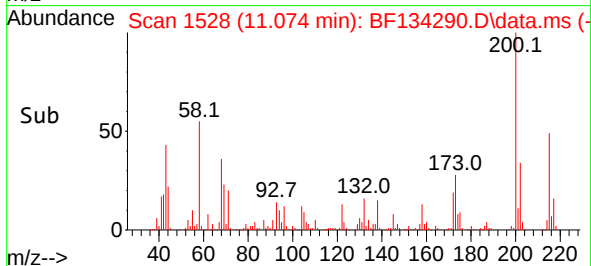
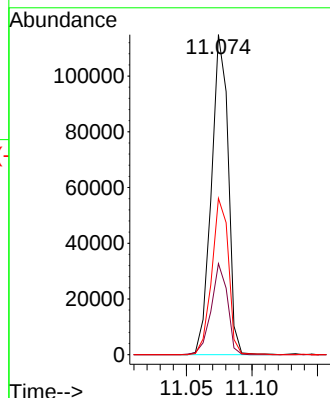
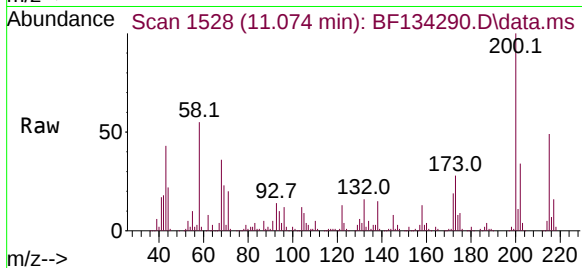
Tgt Ion:200 Resp: 102354

Ion Ratio Lower Upper

200 100

173 28.4 8.0 48.0

215 48.8 29.3 69.3



#70

Pentachlorophenol

Concen: 62.724 ng

RT: 11.186 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

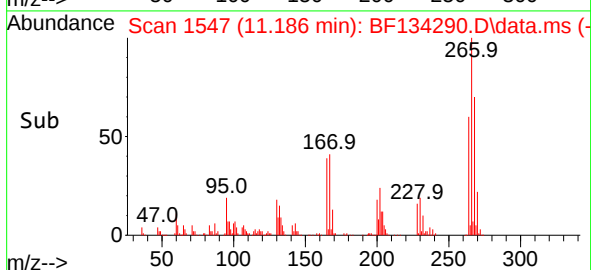
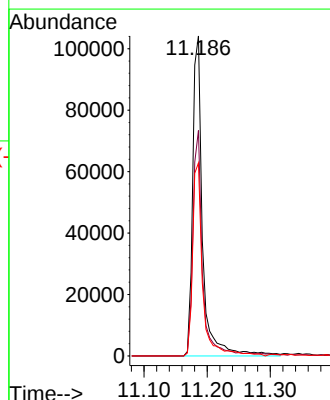
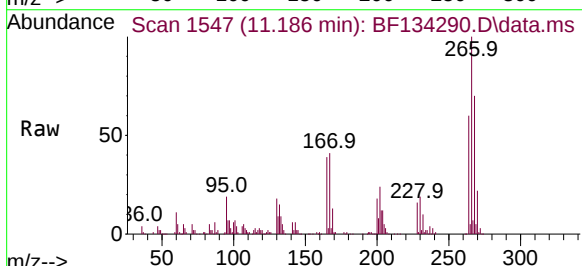
Tgt Ion:266 Resp: 113785

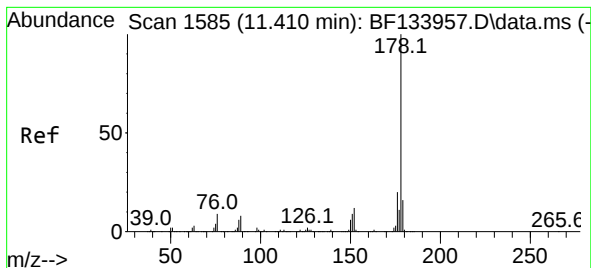
Ion Ratio Lower Upper

266 100

268 70.5 52.6 79.0

264 60.3 50.6 76.0





#71

Phenanthrene

Concen: 36.902 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

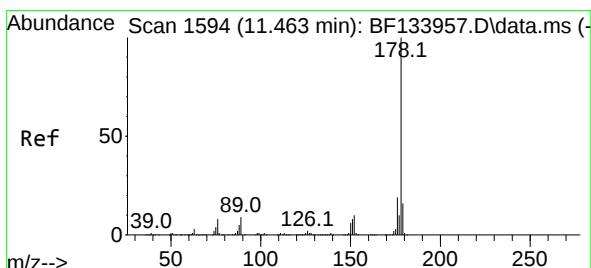
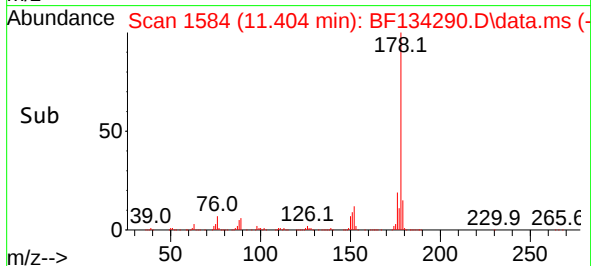
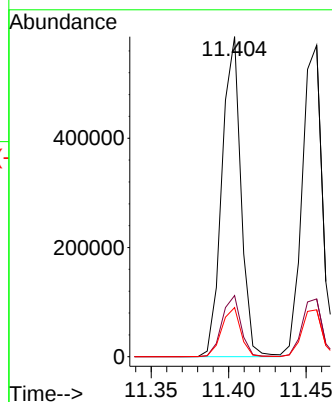
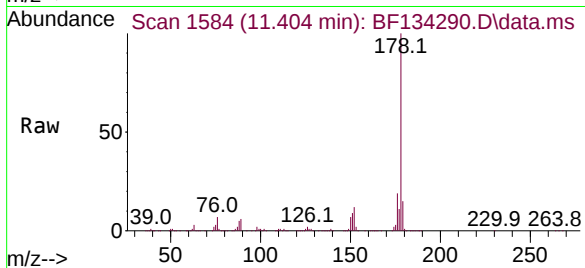
Tgt Ion:178 Resp: 499430

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 15.3 12.4 18.6



#72

Anthracene

Concen: 36.882 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

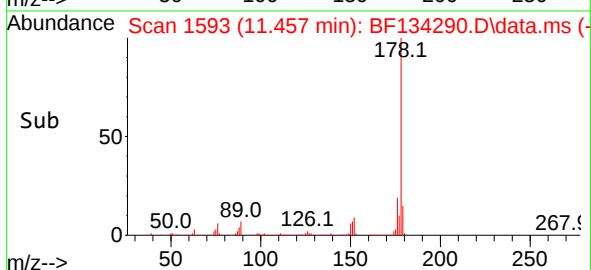
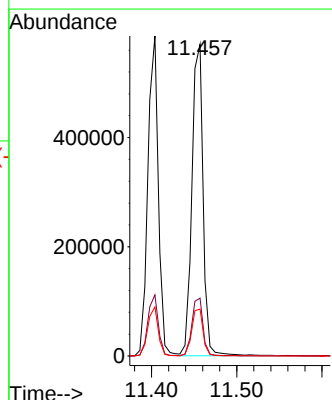
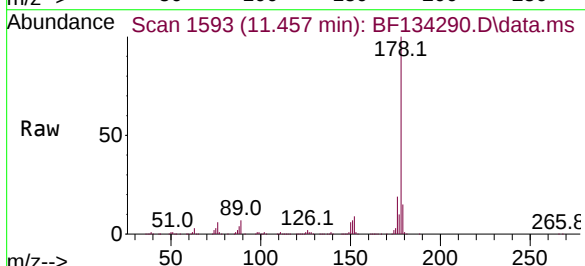
Tgt Ion:178 Resp: 519183

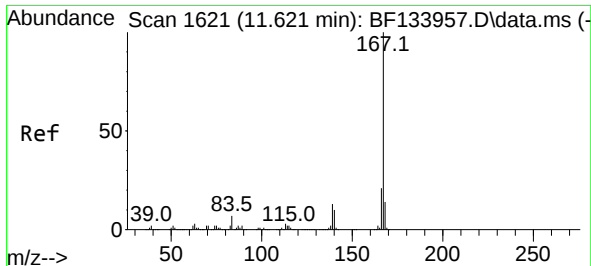
Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

179 15.1 12.4 18.6

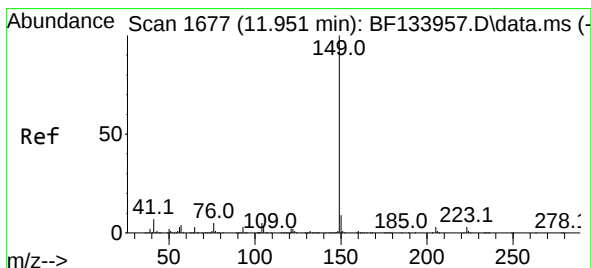
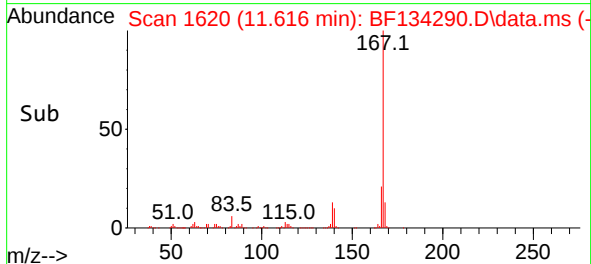
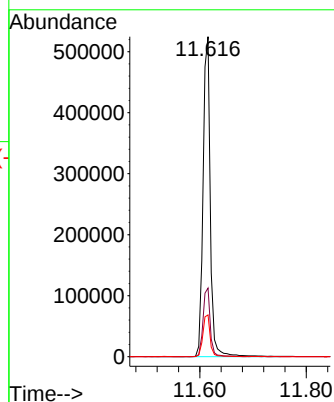
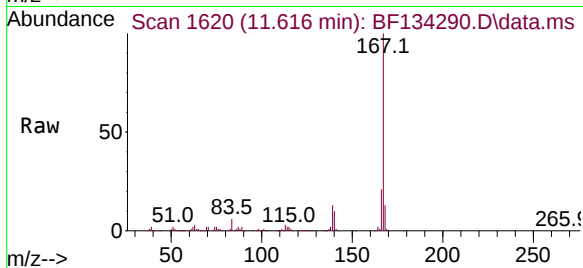




#73
 Carbazole
 Concen: 38.272 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

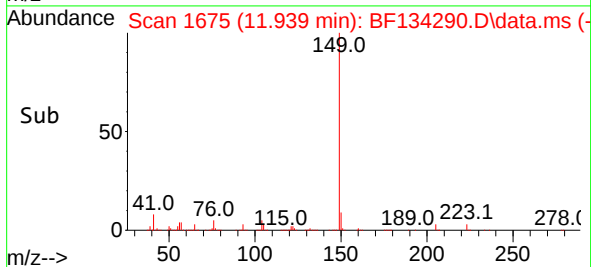
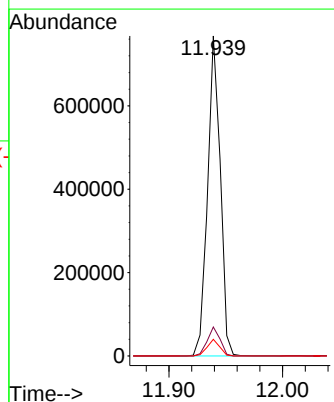
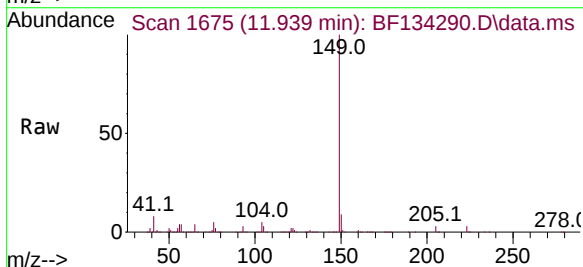
Instrument :
 BNA_F
 ClientSampleId :
 PB153784BS

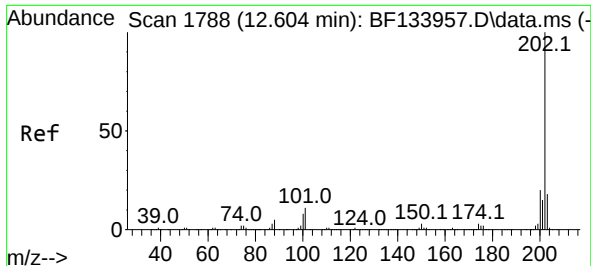
Tgt Ion:167 Resp: 493129
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 38.742 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: BF134290.D
 Acq: 14 Jul 2023 14:47

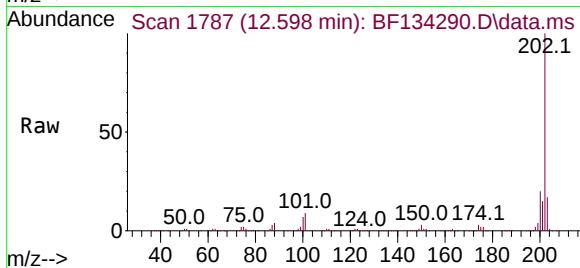
Tgt Ion:149 Resp: 593613
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.1 10.7
 104 5.2 4.0 6.0



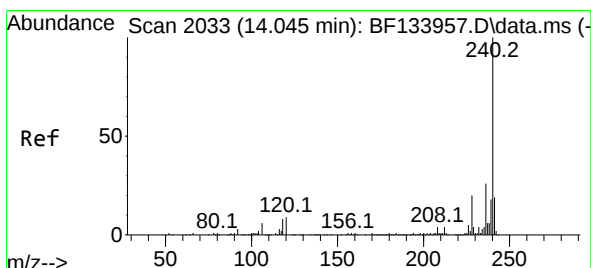
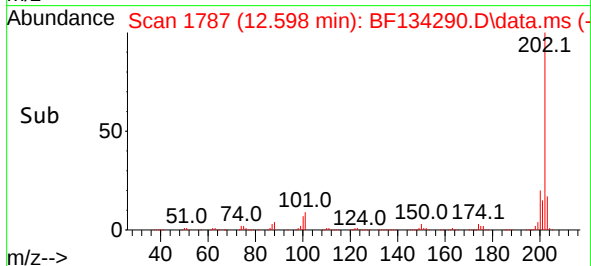
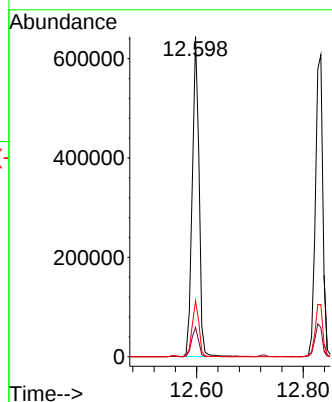


#75
Fluoranthene
Concen: 38.846 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB153784BS

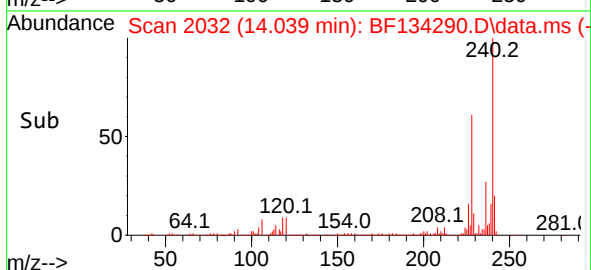
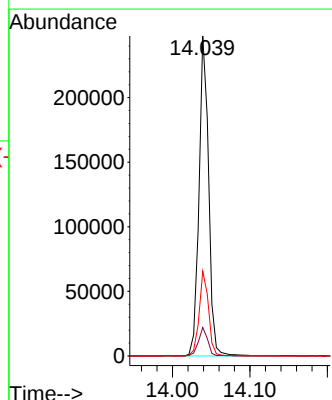
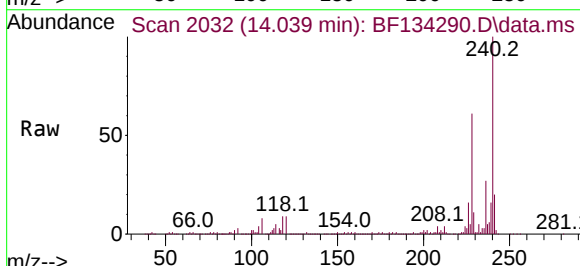


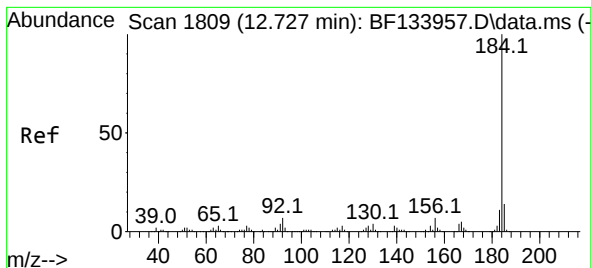
Tgt Ion:202 Resp: 568374
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.0
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:240 Resp: 213320
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.0
236 26.5 21.0 31.6





#77

Benzidine

Concen: 75.836 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

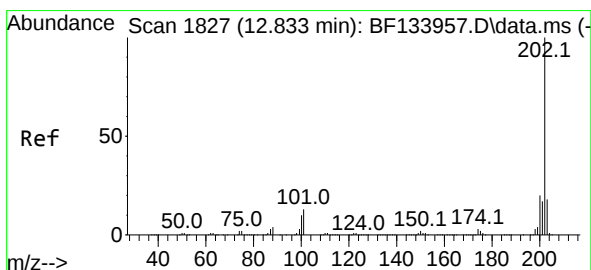
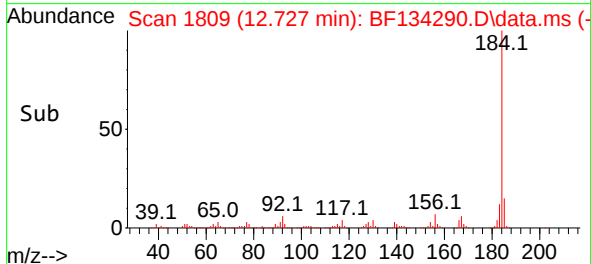
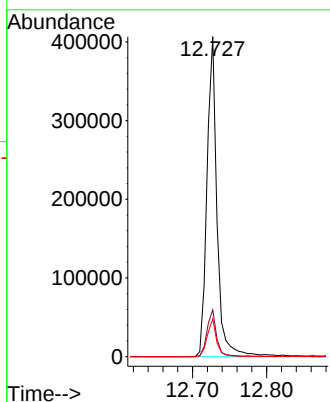
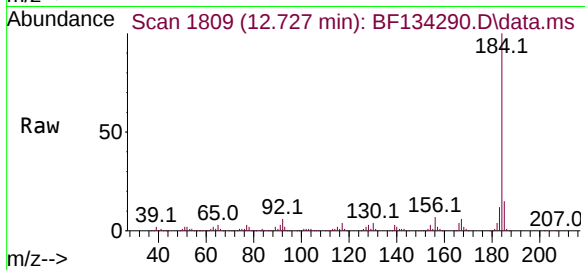
Tgt Ion:184 Resp: 384928

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

183 11.9 8.8 13.2



#78

Pyrene

Concen: 29.500 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

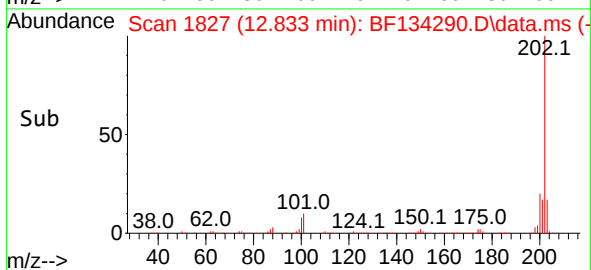
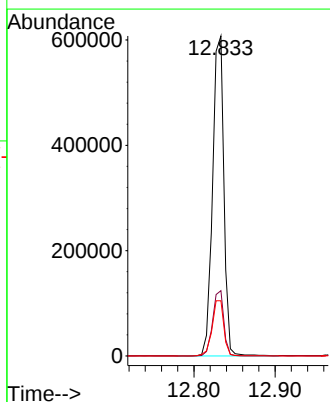
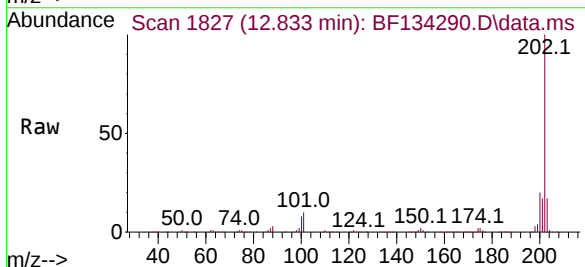
Tgt Ion:202 Resp: 585645

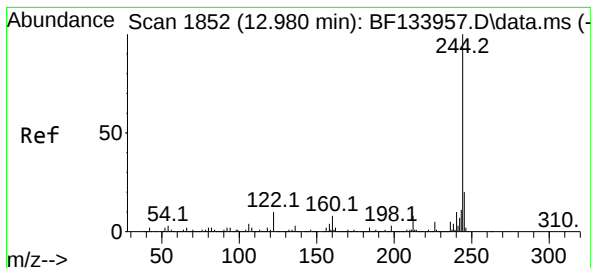
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.3 14.3 21.5





#79

Terphenyl-d14

Concen: 68.415 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

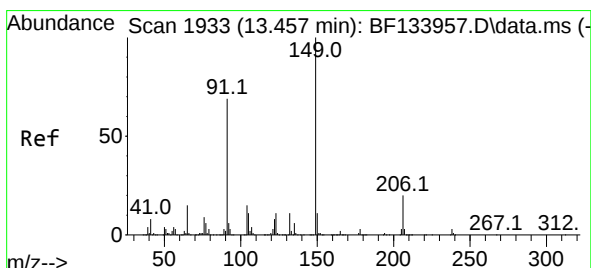
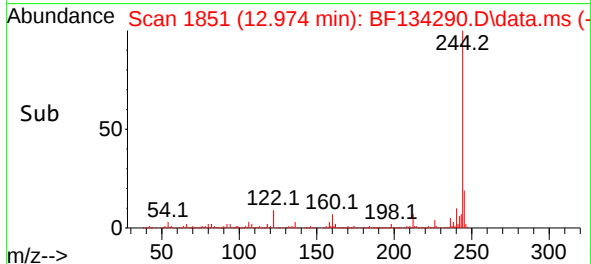
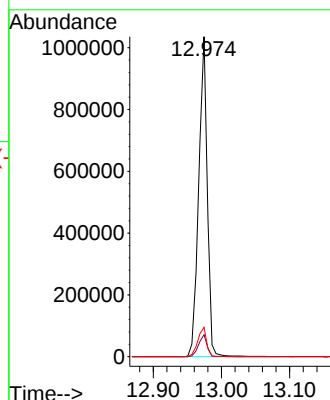
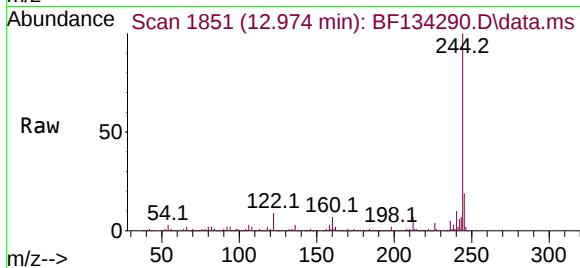
Tgt Ion:244 Resp: 906810

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.1 8.3 12.5



#80

Butylbenzylphthalate

Concen: 34.150 ng

RT: 13.451 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

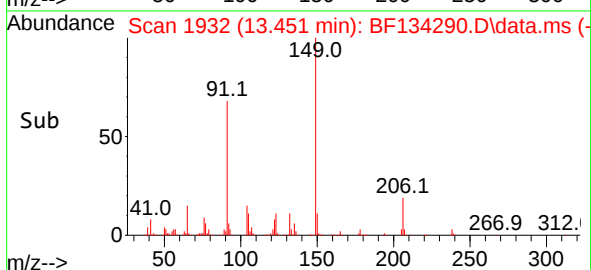
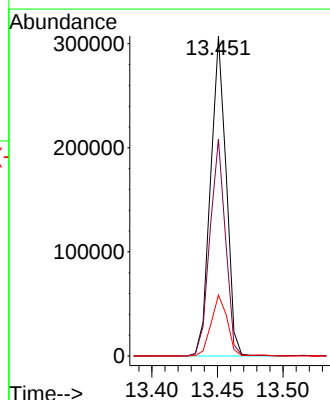
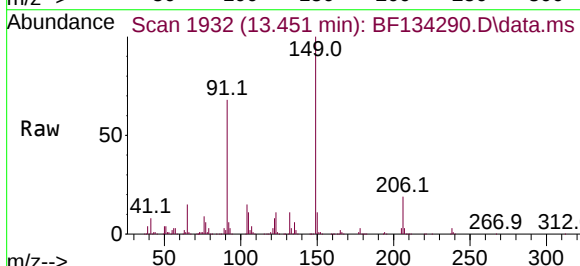
Tgt Ion:149 Resp: 254263

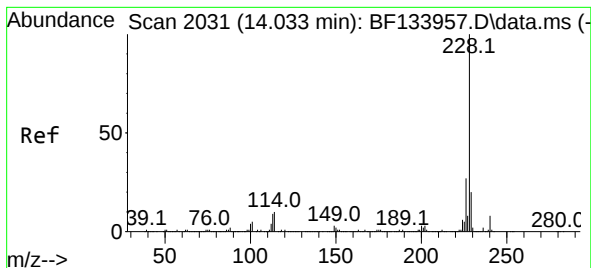
Ion Ratio Lower Upper

149 100

91 67.8 55.1 82.7

206 19.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 36.341 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

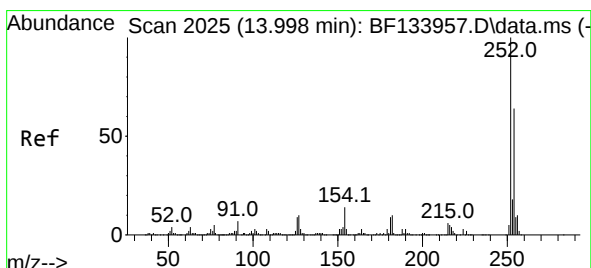
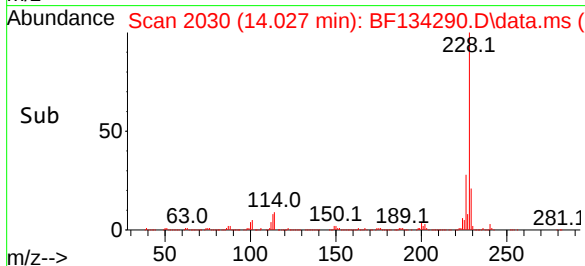
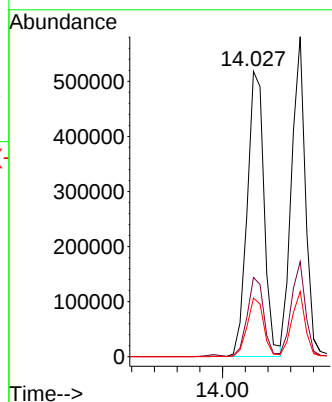
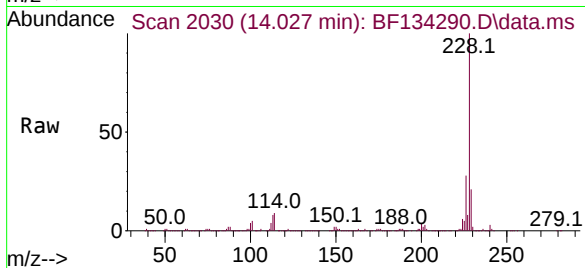
Tgt Ion:228 Resp: 537631

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 20.5 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 35.606 ng

RT: 13.992 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

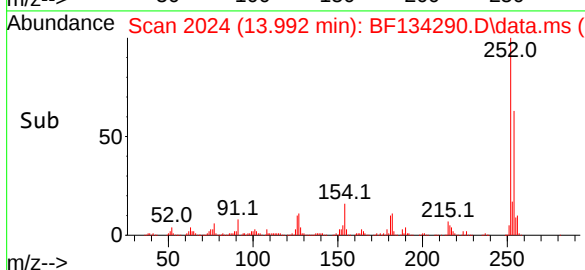
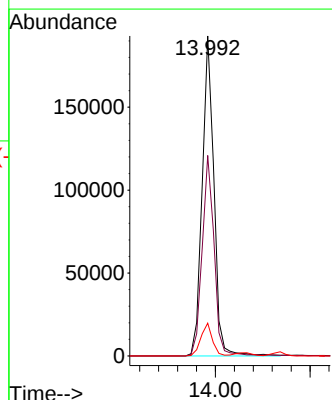
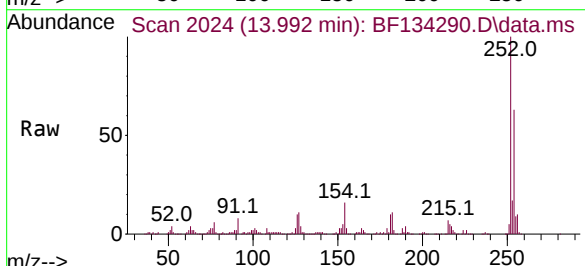
Tgt Ion:252 Resp: 166890

Ion Ratio Lower Upper

252 100

254 62.6 51.4 77.0

126 10.3 7.4 11.2





#83

Chrysene

Concen: 34.775 ng

RT: 14.068 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

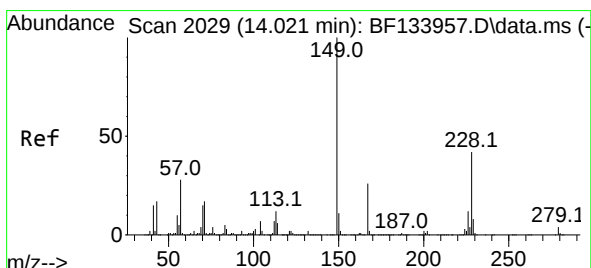
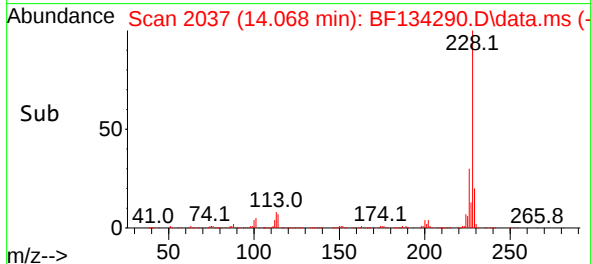
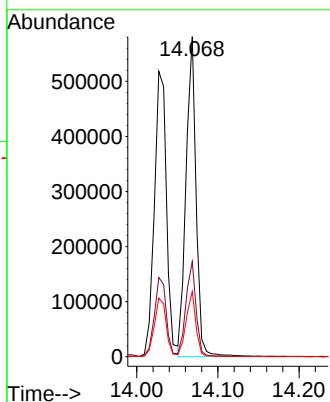
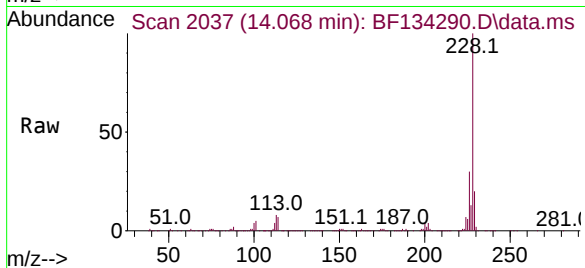
Tgt Ion:228 Resp: 498291

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.309 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

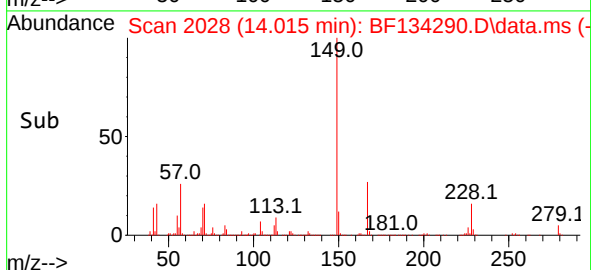
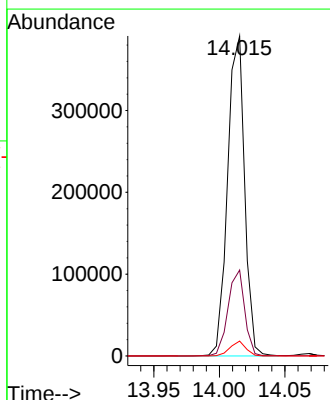
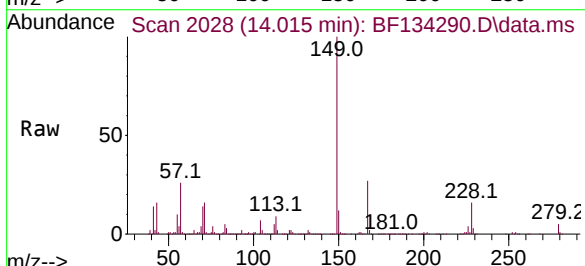
Tgt Ion:149 Resp: 353411

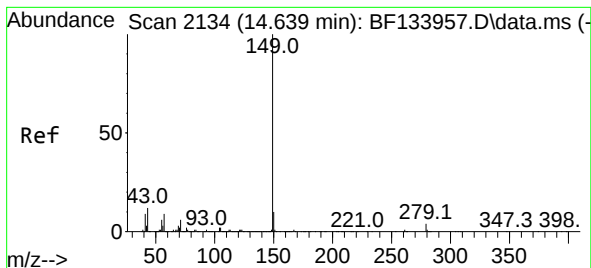
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.389 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

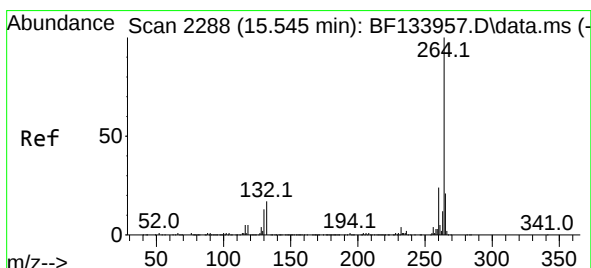
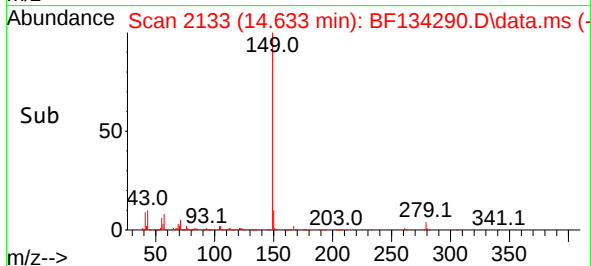
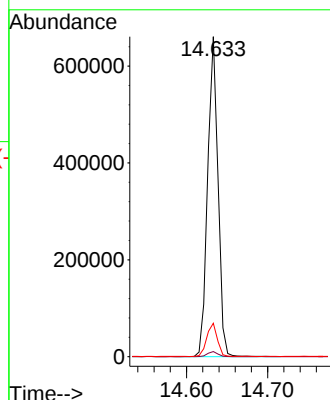
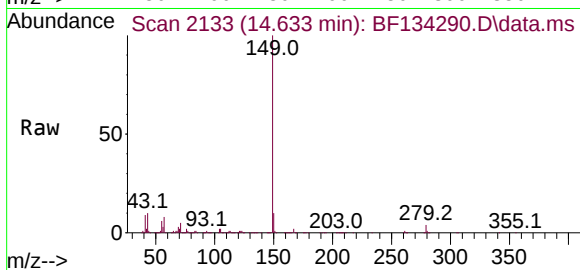
Tgt Ion:149 Resp: 583149

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. -0.000 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

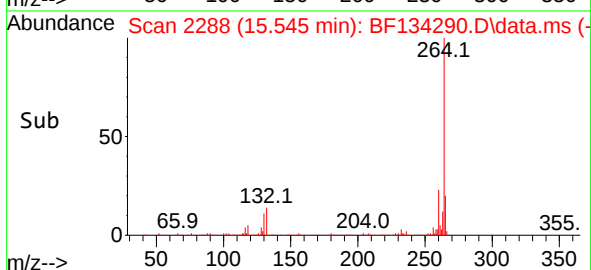
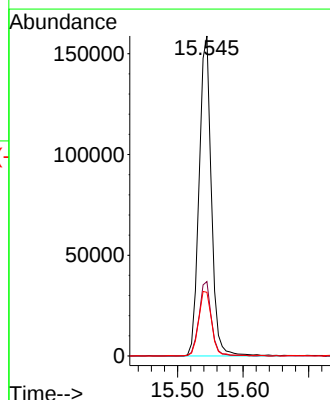
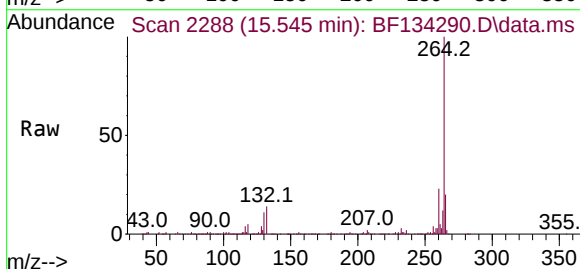
Tgt Ion:264 Resp: 206374

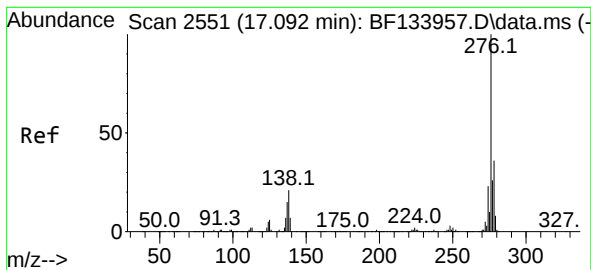
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 19.9 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.706 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

Instrument :

BNA_F

ClientSampleId :

PB153784BS

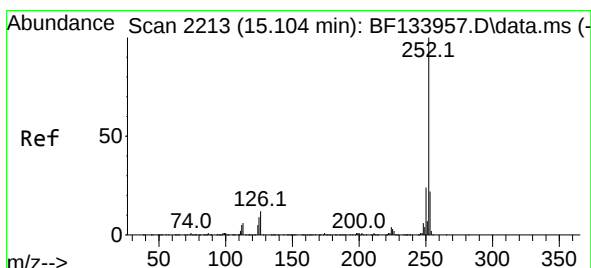
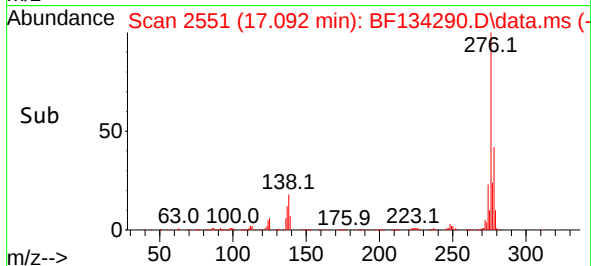
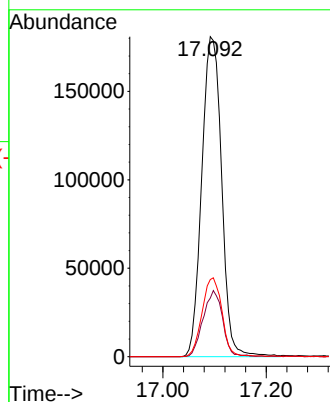
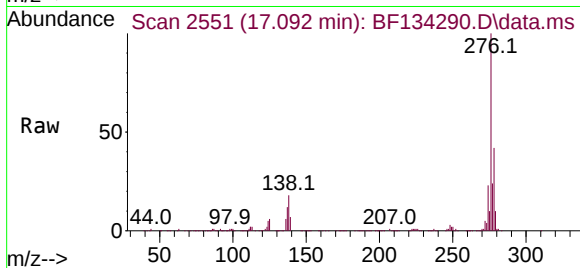
Tgt Ion:276 Resp: 482681

Ion Ratio Lower Upper

276 100

138 20.3 18.7 28.1

277 24.8 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.319 ng

RT: 15.098 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF134290.D

Acq: 14 Jul 2023 14:47

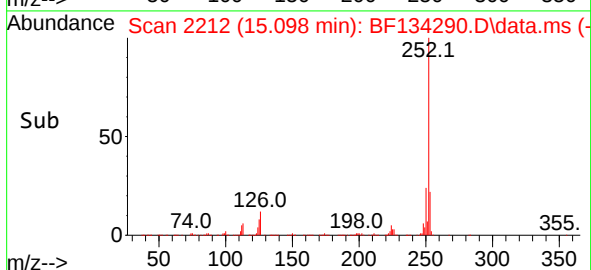
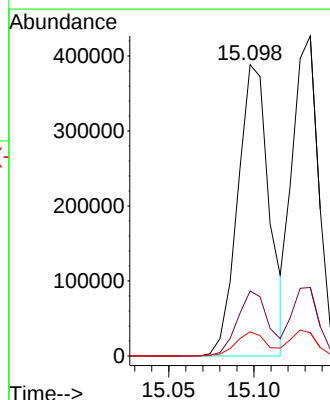
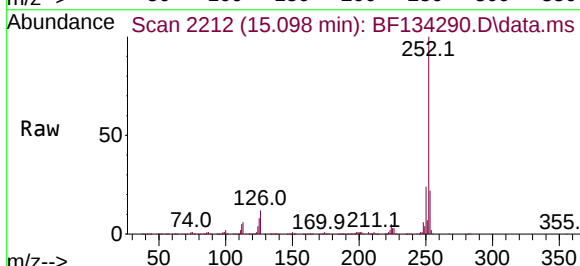
Tgt Ion:252 Resp: 501402

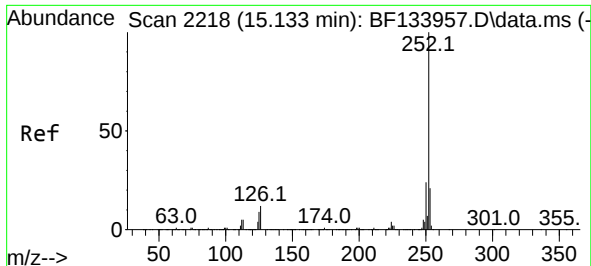
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 8.3 7.1 10.7

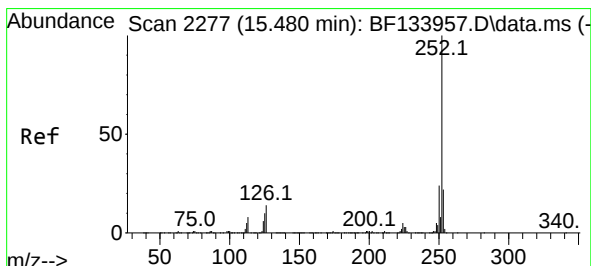
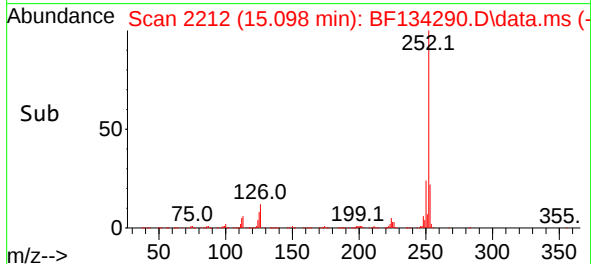
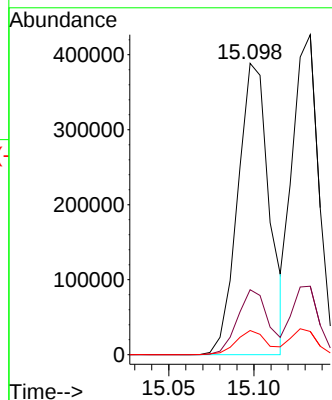
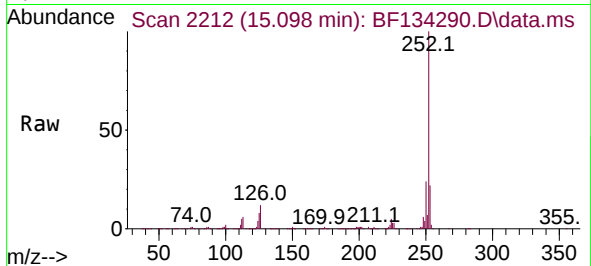




#89
Benzo(k)fluoranthene
Concen: 40.582 ng
RT: 15.098 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

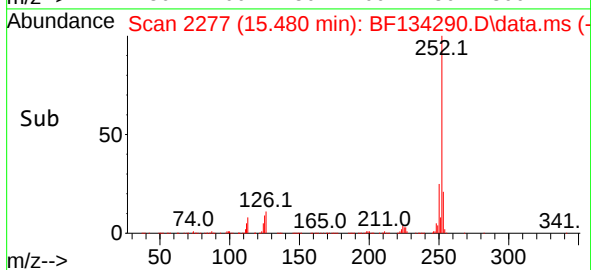
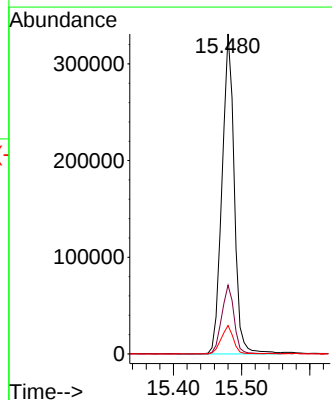
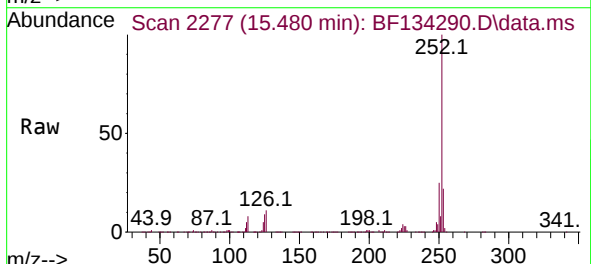
Instrument :
BNA_F
ClientSampleId :
PB153784BS

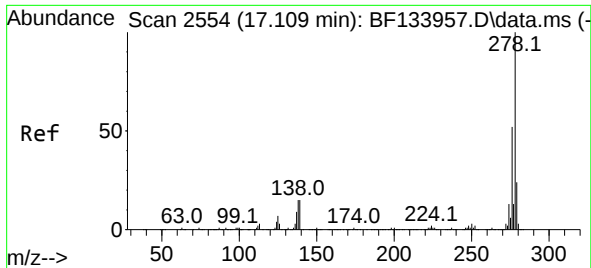
Tgt Ion:252 Resp: 501402
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 35.397 ng
RT: 15.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:252 Resp: 415363
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.9 8.4 12.6

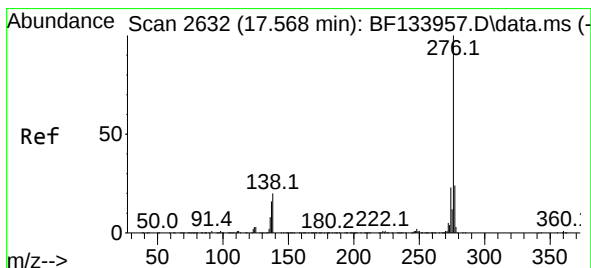
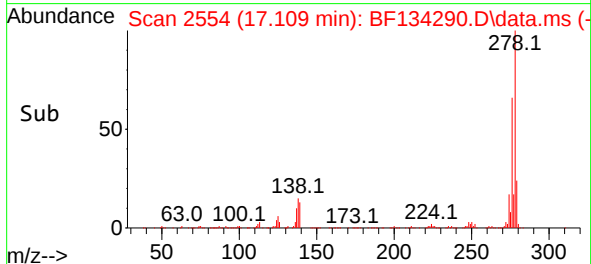
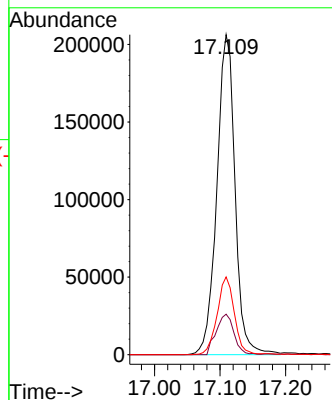
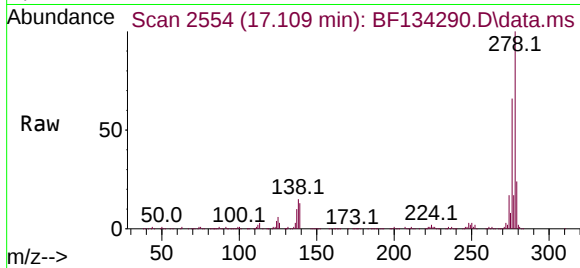




#91
Dibenzo(a,h)anthracene
Concen: 33.934 ng
RT: 17.109 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Instrument :
BNA_F
ClientSampleId :
PB153784BS

Tgt Ion:278 Resp: 396912
Ion Ratio Lower Upper
278 100
139 12.6 12.2 18.4
279 24.3 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 31.779 ng
RT: 17.568 min Scan# 2632
Delta R.T. -0.000 min
Lab File: BF134290.D
Acq: 14 Jul 2023 14:47

Tgt Ion:276 Resp: 383321
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 15.6 16.2 24.2#

