

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135491.D
 Acq On : 28 Sep 2023 13:57
 Operator : CG\JU
 Sample : PB155842BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155842BS

Quant Time: Sep 29 00:21:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	152883	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	605772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	294813	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	568067	20.000	ng	0.00
76) Chrysene-d12	13.927	240	301717	20.000	ng	0.00
86) Perylene-d12	15.380	264	280088	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1106455	117.710	ng	0.01
7) Phenol-d6	6.398	99	1379749	115.437	ng	0.00
23) Nitrobenzene-d5	7.316	82	867463	77.799	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	295592	100.894	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1398977	71.593	ng	0.00
79) Terphenyl-d14	12.868	244	1427013	73.319	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	167720	40.702	ng	93
3) Pyridine	3.287	79	432148	38.966	ng	92
4) n-Nitrosodimethylamine	3.245	42	263664	44.801	ng	91
6) Aniline	6.416	93	452935	28.898	ng	# 84
8) 2-Chlorophenol	6.534	128	445330	44.381	ng	98
9) Benzaldehyde	6.304	77	139634	20.507	ng	98
10) Phenol	6.410	94	534100	40.751	ng	88
11) bis(2-Chloroethyl)ether	6.486	93	436732	44.423	ng	99
12) 1,3-Dichlorobenzene	6.686	146	439660	43.113	ng	97
13) 1,4-Dichlorobenzene	6.763	146	444933	42.884	ng	99
14) 1,2-Dichlorobenzene	6.910	146	416814	43.260	ng	99
15) Benzyl Alcohol	6.898	79	353551	41.221	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.022	45	775211	41.833	ng	86
17) 2-Methylphenol	7.010	107	360486	40.710	ng	97
18) Hexachloroethane	7.251	117	165689	43.221	ng	95
19) n-Nitroso-di-n-propyla...	7.163	70	283770	38.330	ng	95
20) 3+4-Methylphenols	7.163	107	426354	40.042	ng	94
22) Acetophenone	7.157	105	562652	40.626	ng	94
24) Nitrobenzene	7.333	77	457552	41.518	ng	98
25) Isophorone	7.569	82	853147	41.669	ng	98
26) 2-Nitrophenol	7.645	139	230579	43.593	ng	98
27) 2,4-Dimethylphenol	7.686	122	366461	41.219	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	523225	42.697	ng	99
29) 2,4-Dichlorophenol	7.892	162	343967	41.752	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	360923	41.915	ng	99
31) Naphthalene	8.045	128	1204391	40.920	ng	99
32) Benzoic acid	7.833	122	263212	39.316	ng	99
33) 4-Chloroaniline	8.104	127	333442	25.821	ng	98
34) Hexachlorobutadiene	8.157	225	202528	39.006	ng	99
35) Caprolactam	8.475	113	72380	26.178	ng	94
36) 4-Chloro-3-methylphenol	8.598	107	387968	42.372	ng	94
37) 2-Methylnaphthalene	8.739	142	750290	37.923	ng	98
38) 1-Methylnaphthalene	8.839	142	716638	38.689	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	345492	40.451	ng	99
41) Hexachlorocyclopentadiene	8.886	237	186739	52.424	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	226760	40.550	ng	100

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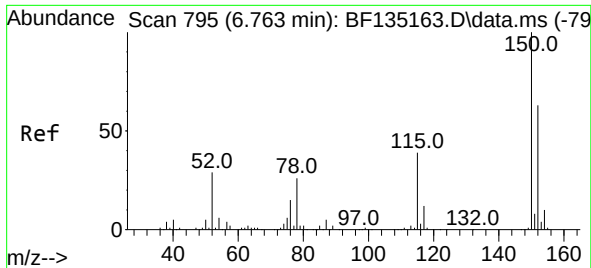
Quant Time: Sep 29 00:21:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	252035	39.136	ng	97
46) 1,1'-Biphenyl	9.204	154	922469	40.716	ng	98
47) 2-Chloronaphthalene	9.227	162	707875	43.063	ng	99
48) 2-Nitroaniline	9.333	65	281064	44.011	ng	99
49) Acenaphthylene	9.645	152	1136204	41.590	ng	99
50) Dimethylphthalate	9.510	163	819967	41.137	ng	100
51) 2,6-Dinitrotoluene	9.580	165	185891	42.572	ng	# 80
52) Acenaphthene	9.816	154	666556	41.302	ng	98
53) 3-Nitroaniline	9.745	138	171795	33.517	ng	98
54) 2,4-Dinitrophenol	9.869	184	174403	71.110	ng	93
55) Dibenzofuran	9.986	168	948421	38.511	ng	98
56) 4-Nitrophenol	9.927	139	254361	78.083	ng	97
57) 2,4-Dinitrotoluene	9.986	165	211261	38.647	ng	# 78
58) Fluorene	10.333	166	763150	40.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	208106	42.009	ng	96
60) Diethylphthalate	10.210	149	808584	40.421	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	349922	38.476	ng	97
62) 4-Nitroaniline	10.369	138	208280	42.274	ng	97
63) Azobenzene	10.486	77	842186	43.018	ng	98
65) 4,6-Dinitro-2-methylph...	10.398	198	125938	41.740	ng	96
66) n-Nitrosodiphenylamine	10.451	169	715778	41.620	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	222608	39.401	ng	98
68) Hexachlorobenzene	10.880	284	236855	41.150	ng	# 89
69) Atrazine	10.980	200	211387	45.681	ng	97
70) Pentachlorophenol	11.080	266	186663	54.203	ng	98
71) Phenanthrene	11.298	178	1131401	42.111	ng	99
72) Anthracene	11.351	178	1160531	42.023	ng	99
73) Carbazole	11.510	167	1118630	44.496	ng	99
74) Di-n-butylphthalate	11.839	149	1283650	43.332	ng	100
75) Fluoranthene	12.492	202	1211061	43.259	ng	99
77) Benzidine	12.615	184	264455	42.784	ng	99
78) Pyrene	12.721	202	1219357	42.448	ng	100
80) Butylbenzylphthalate	13.345	149	474493	46.915	ng	98
81) Benzo(a)anthracene	13.915	228	831096	42.658	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	224427	36.879	ng	# 98
83) Chrysene	13.951	228	817415	42.199	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	572011	55.114	ng	# 99
85) Di-n-octyl phthalate	14.521	149	848837	51.465	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	803204	43.737	ng	96
88) Benzo(b)fluoranthene	14.962	252	715843	47.212	ng	98
89) Benzo(k)fluoranthene	14.992	252	680949	45.465	ng	99
90) Benzo(a)pyrene	15.321	252	630619	43.614	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	651313	43.346	ng	98
92) Benzo(g,h,i)perylene	17.298	276	684611	43.626	ng	96

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

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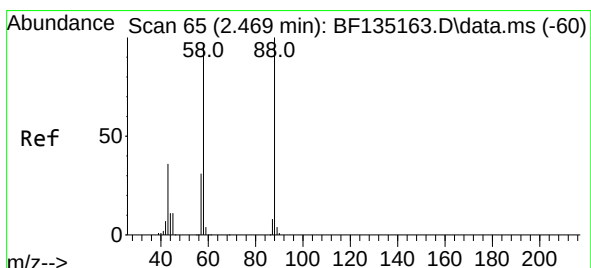
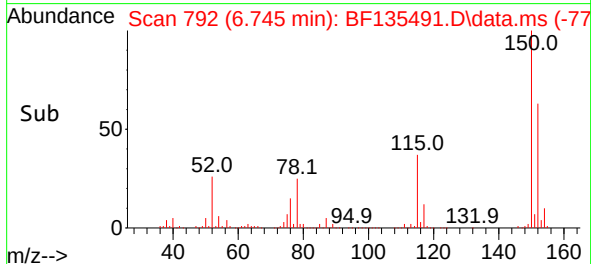
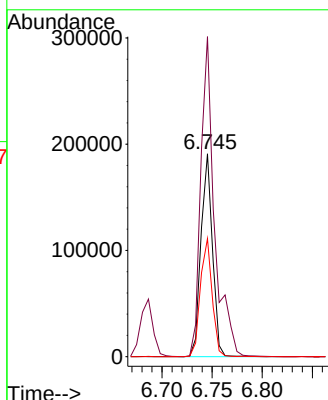
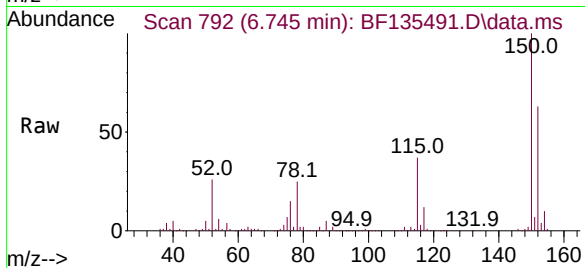




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 79
 Delta R.T. -0.001 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

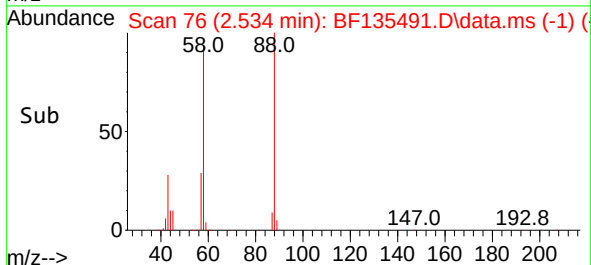
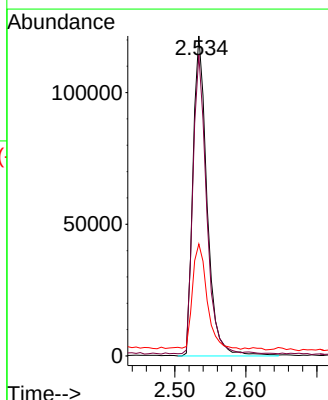
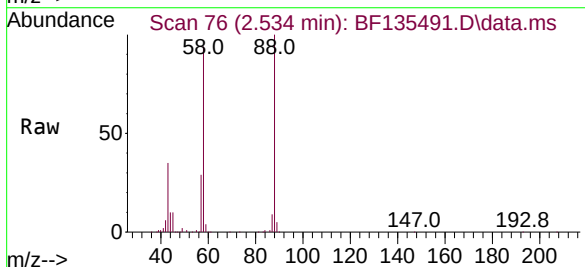
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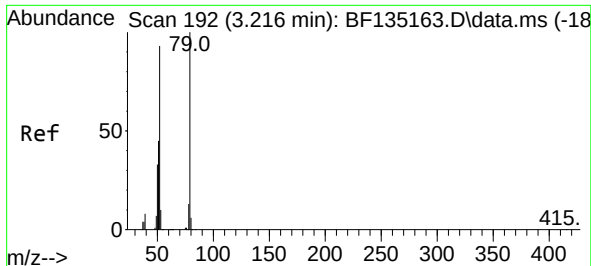
Tgt Ion:152 Resp: 152883
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.8 191.6
 115 58.2 49.8 74.8



#2
 1,4-Dioxane
 Concen: 40.702 ng
 RT: 2.534 min Scan# 76
 Delta R.T. 0.100 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

Tgt Ion: 88 Resp: 167720
 Ion Ratio Lower Upper
 88 100
 58 90.0 78.3 117.5
 43 34.4 29.4 44.0





#3

Pyridine

Concen: 38.966 ng

RT: 3.287 min Scan# 204

Delta R.T. 0.111 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

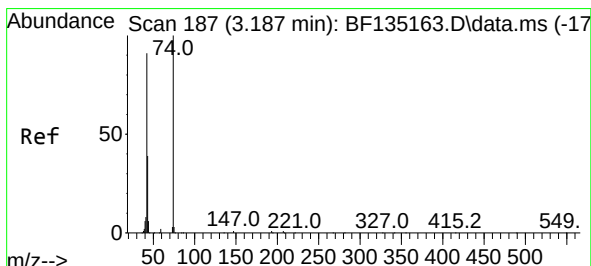
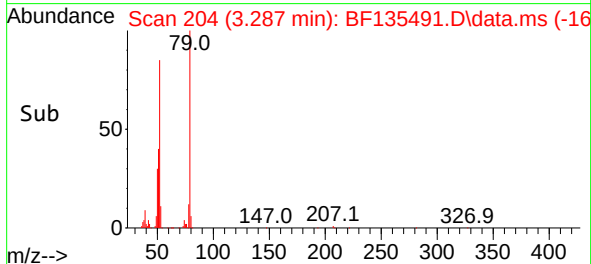
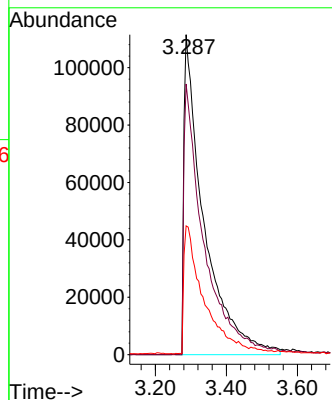
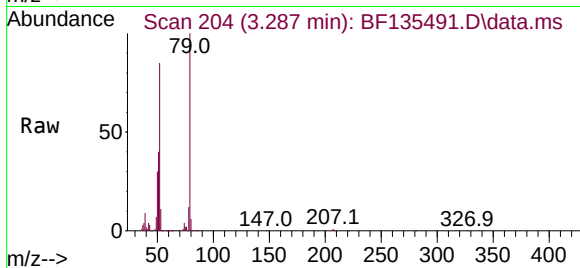
Tgt Ion: 79 Resp: 432148

Ion Ratio Lower Upper

79 100

52 84.6 74.1 111.1

51 40.2 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 44.801 ng

RT: 3.245 min Scan# 197

Delta R.T. 0.094 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

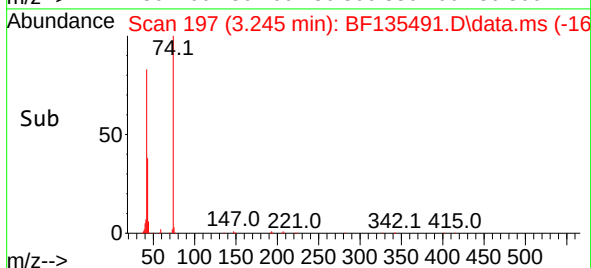
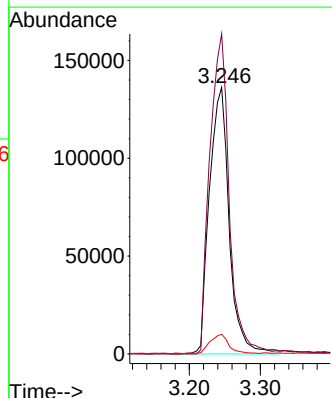
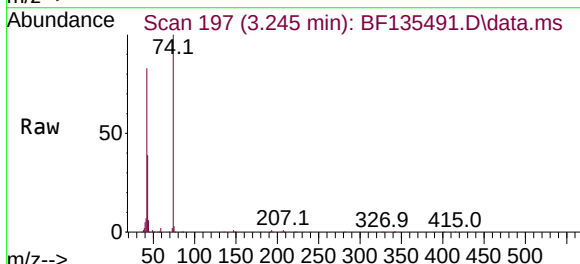
Tgt Ion: 42 Resp: 263664

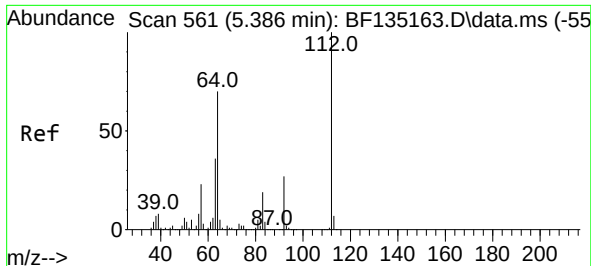
Ion Ratio Lower Upper

42 100

74 120.1 87.7 131.5

44 7.4 5.6 8.4

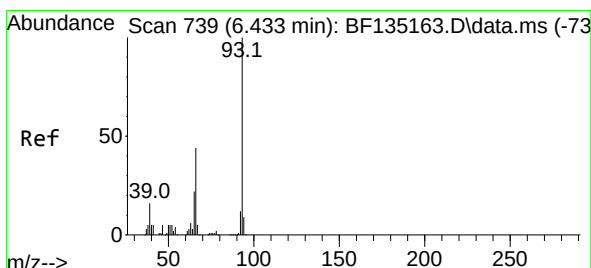
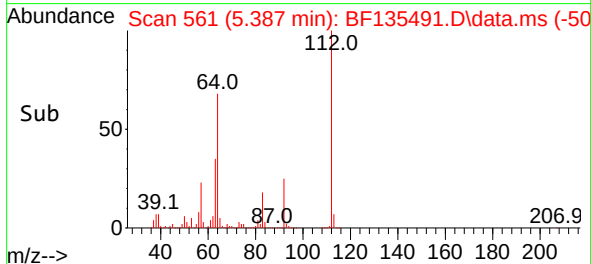
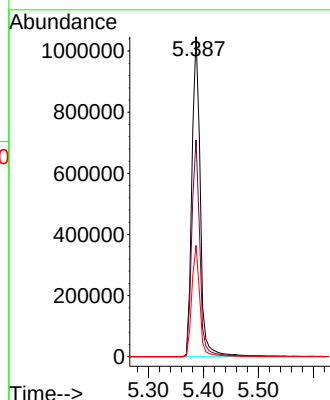
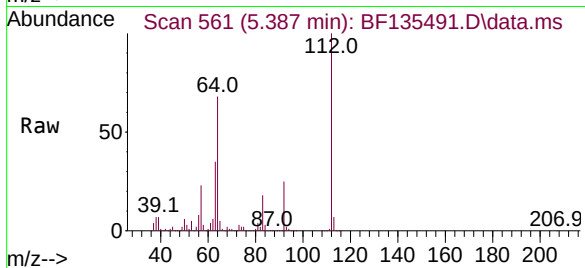




#5
2-Fluorophenol
Concen: 117.710 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

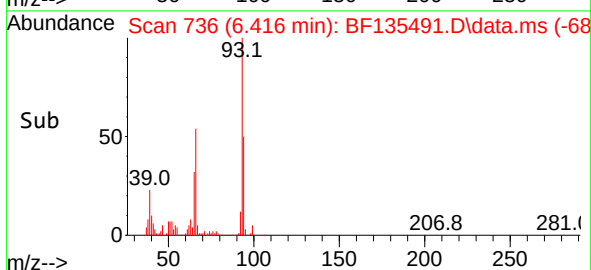
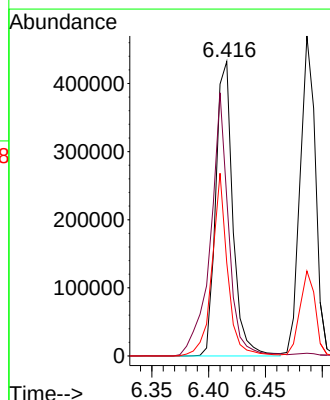
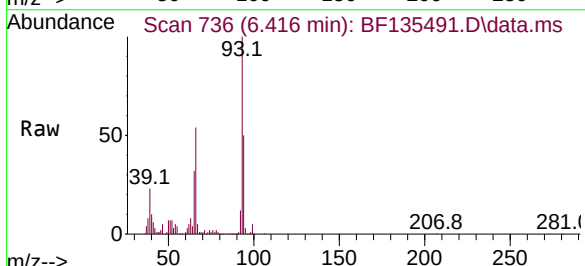
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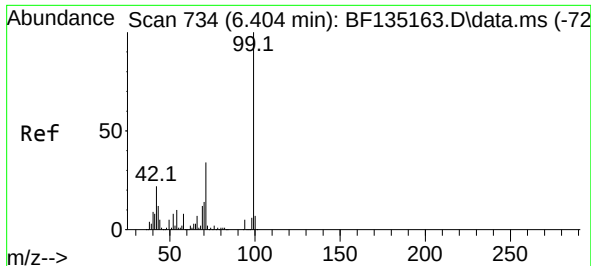
Tgt Ion:112 Resp: 1106455
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 34.8 29.0 43.6



#6
Aniline
Concen: 28.898 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 93 Resp: 452935
Ion Ratio Lower Upper
93 100
66 53.6 35.4 53.0#
65 31.7 17.8 26.8#

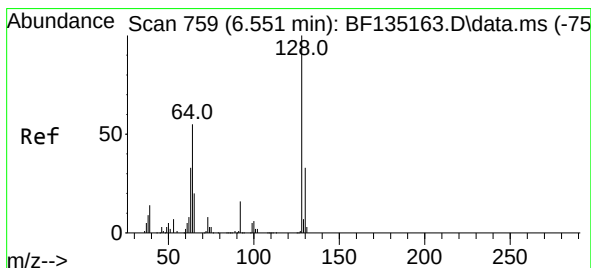
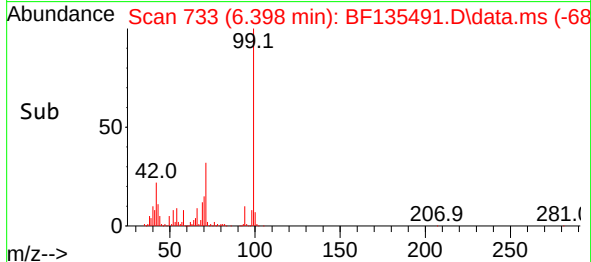
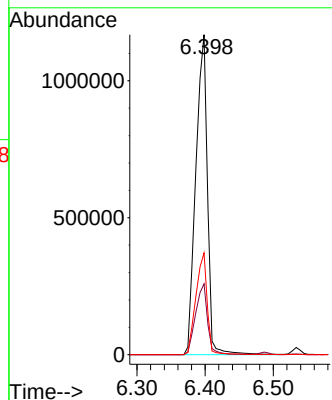
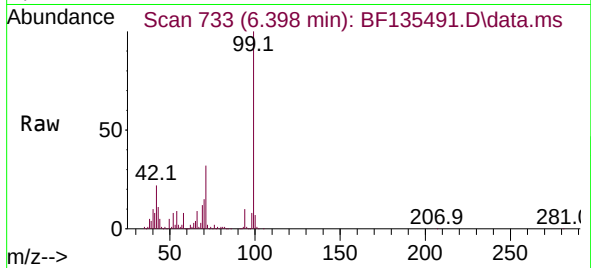




#7
Phenol-d6
Concen: 115.437 ng
RT: 6.398 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

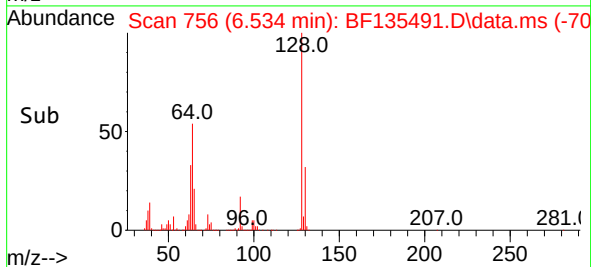
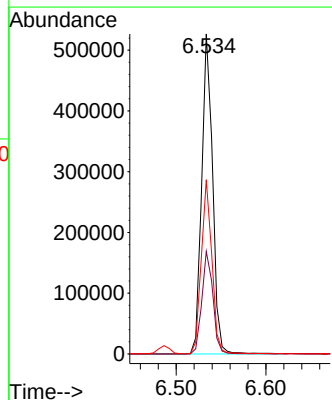
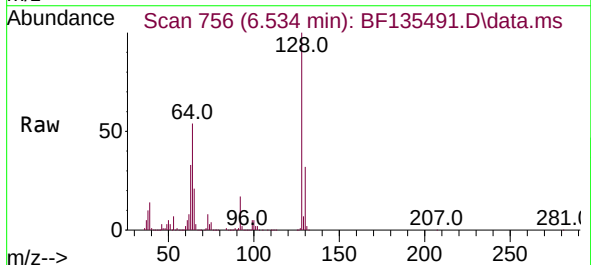
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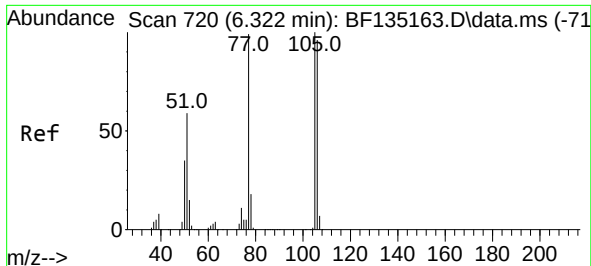
Tgt Ion: 99 Resp: 1379749
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 31.8 27.0 40.6



#8
2-Chlorophenol
Concen: 44.381 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 128 Resp: 445330
Ion Ratio Lower Upper
128 100
130 32.0 12.7 52.7
64 54.4 35.9 75.9





#9

Benzaldehyde

Concen: 20.507 ng

RT: 6.304 min Scan# 717

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

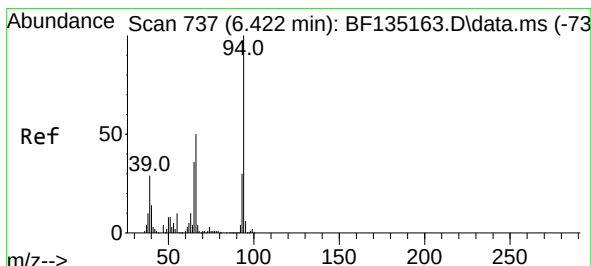
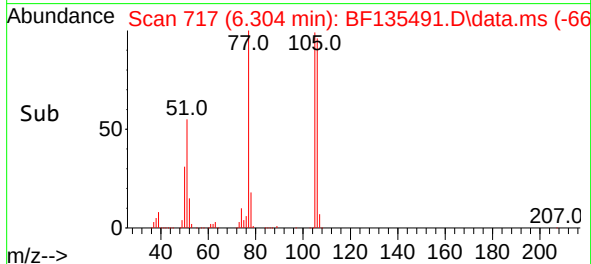
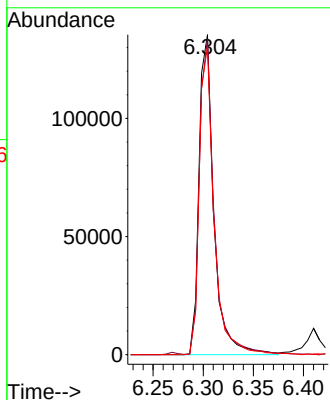
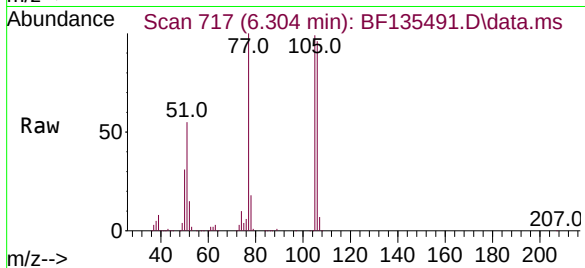
Tgt Ion: 77 Resp: 139634

Ion Ratio Lower Upper

77 100

105 98.6 81.4 121.4

106 96.2 76.9 116.9



#10

Phenol

Concen: 40.751 ng

RT: 6.410 min Scan# 735

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

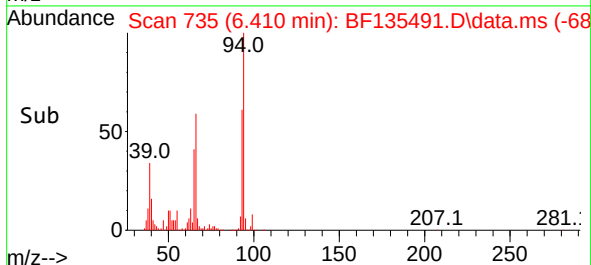
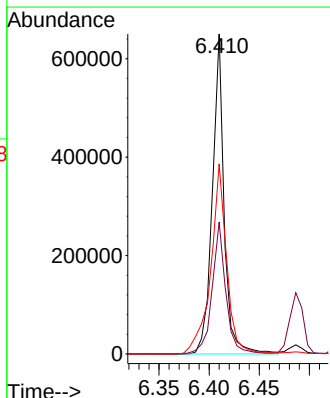
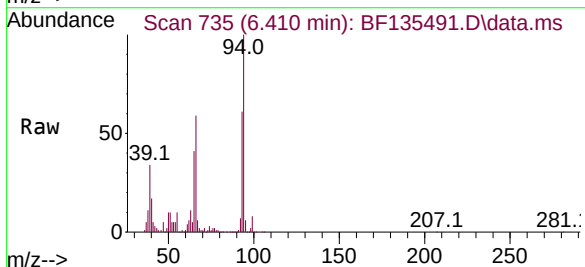
Tgt Ion: 94 Resp: 534100

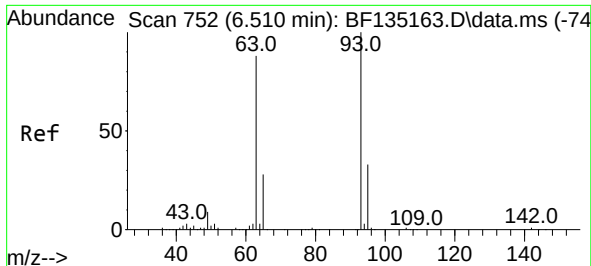
Ion Ratio Lower Upper

94 100

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66 59.4 29.8 69.8

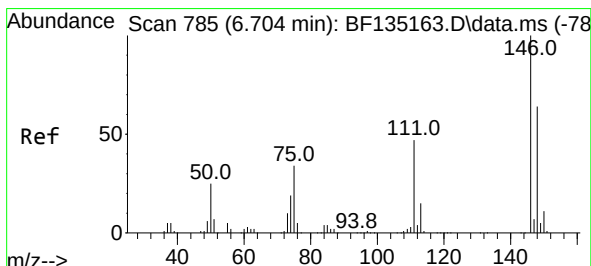
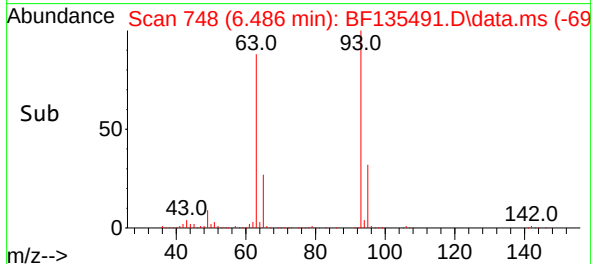
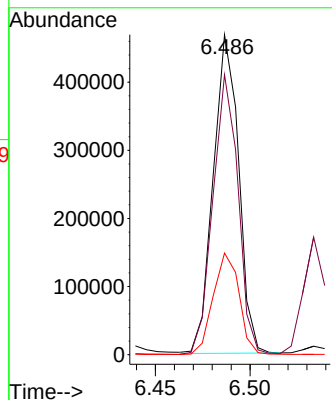
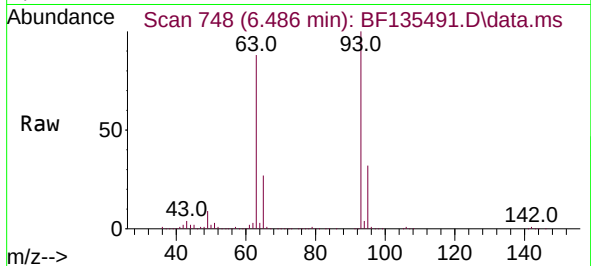




#11
bis(2-Chloroethyl)ether
Concen: 44.423 ng
RT: 6.486 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

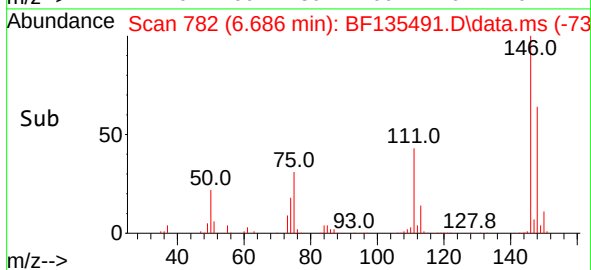
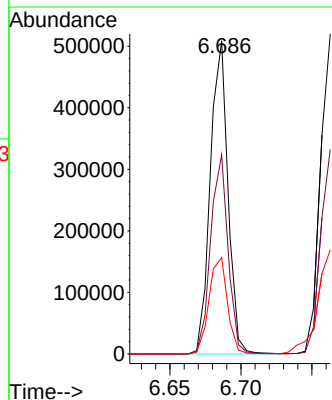
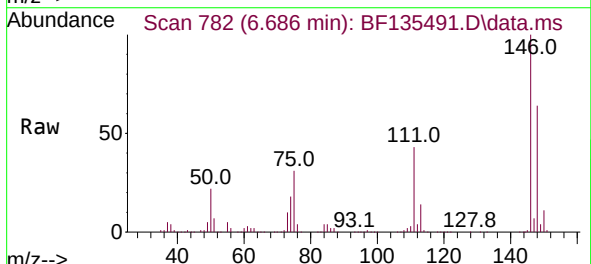
Instrument :
BNA_F
ClientSampleId :
PB155842BS

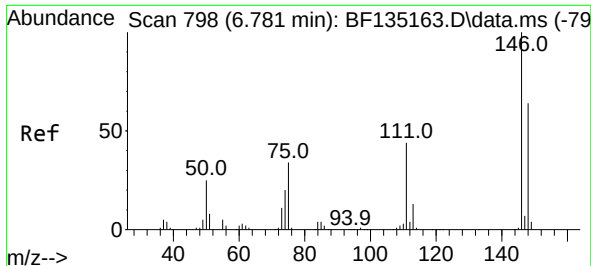
Tgt Ion: 93 Resp: 436732
Ion Ratio Lower Upper
93 100
63 87.5 67.3 107.3
95 31.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.113 ng
RT: 6.686 min Scan# 782
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:146 Resp: 439660
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 30.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 42.884 ng

RT: 6.763 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

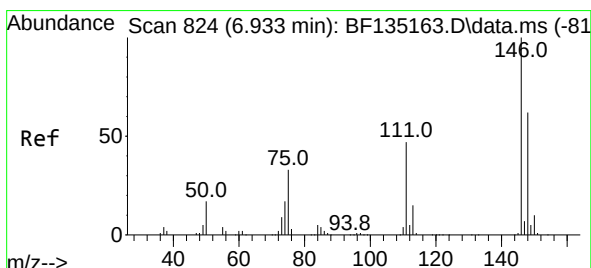
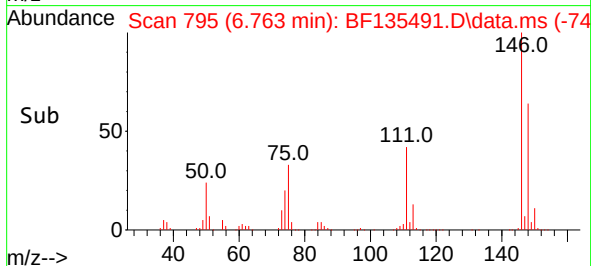
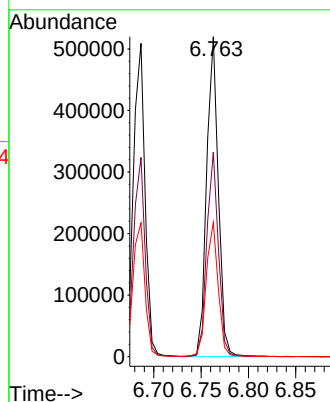
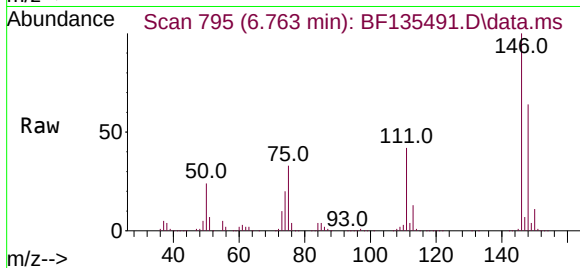
Tgt Ion:146 Resp: 444933

Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

111 41.9 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 43.260 ng

RT: 6.910 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

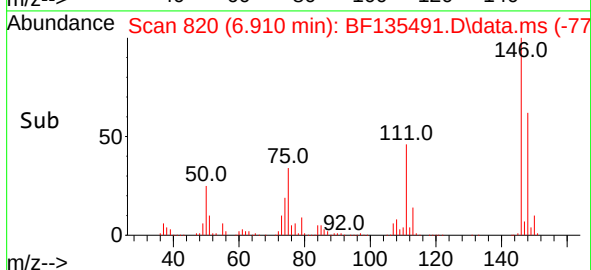
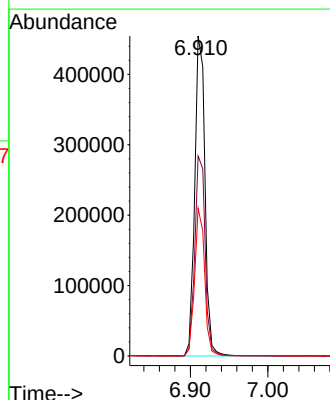
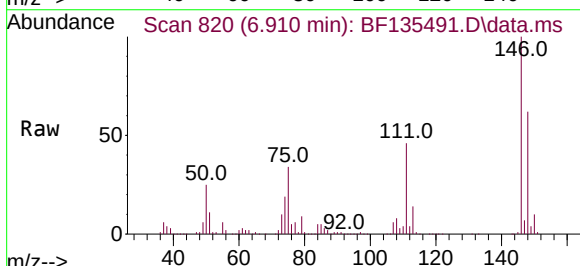
Tgt Ion:146 Resp: 416814

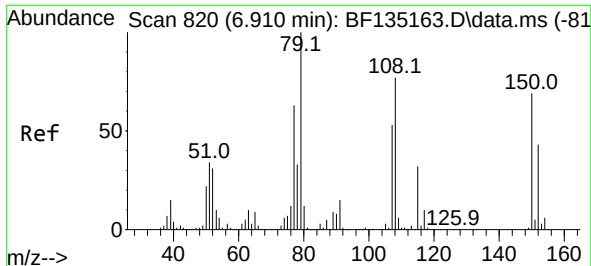
Ion Ratio Lower Upper

146 100

148 62.5 49.7 74.5

111 46.1 37.4 56.2

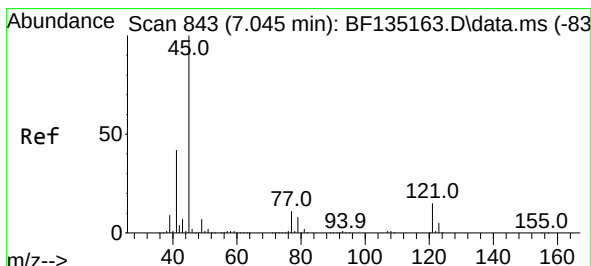
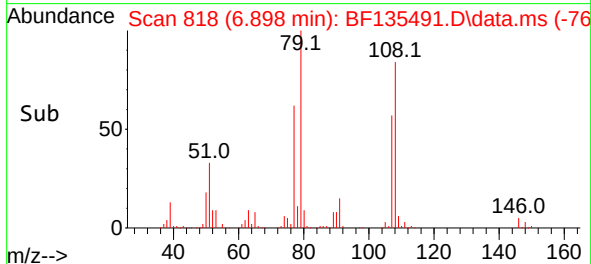
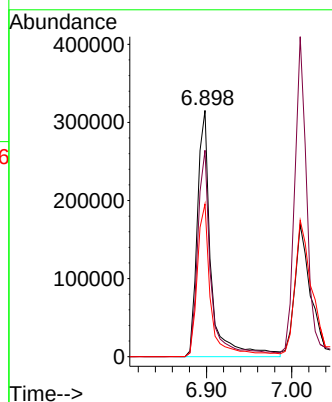
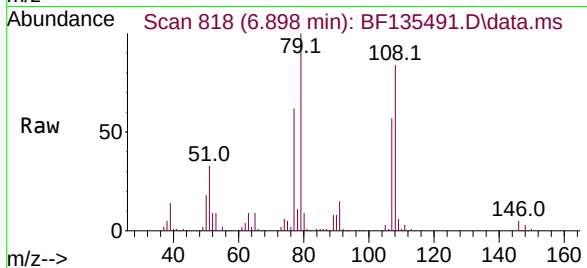




#15
Benzyl Alcohol
Concen: 41.221 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

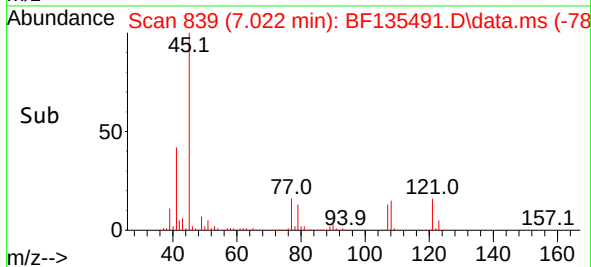
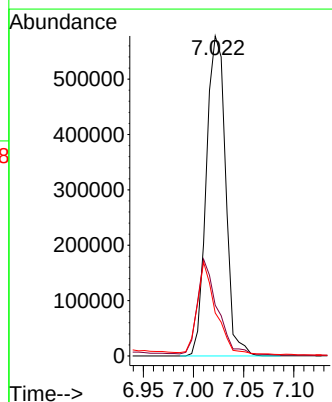
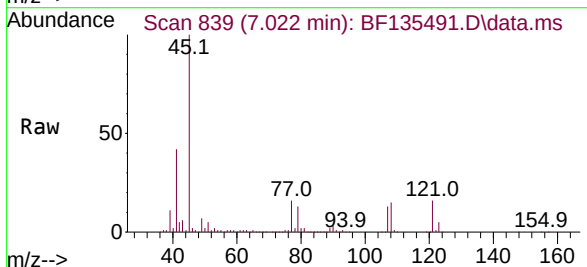
Instrument :
BNA_F
ClientSampleId :
PB155842BS

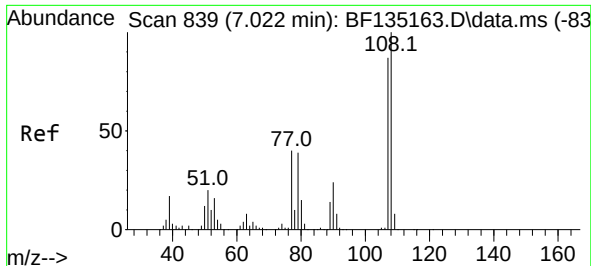
Tgt Ion: 79 Resp: 353551
Ion Ratio Lower Upper
79 100
108 83.8 61.2 91.8
77 62.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.833 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 45 Resp: 775211
Ion Ratio Lower Upper
45 100
77 15.9 0.0 30.6
79 13.4 0.0 28.3

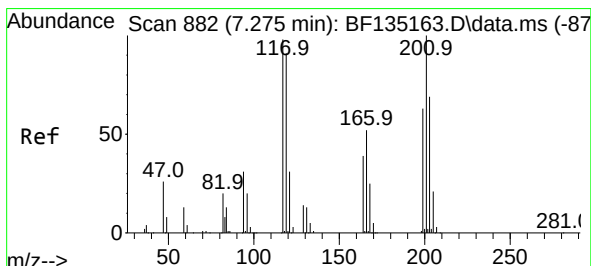
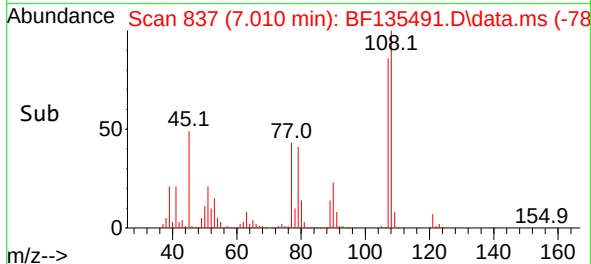
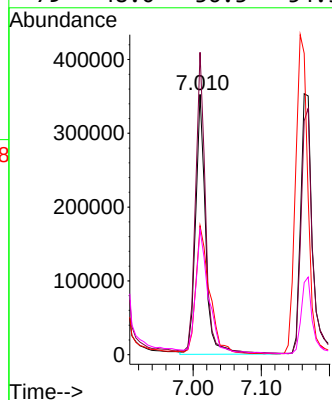
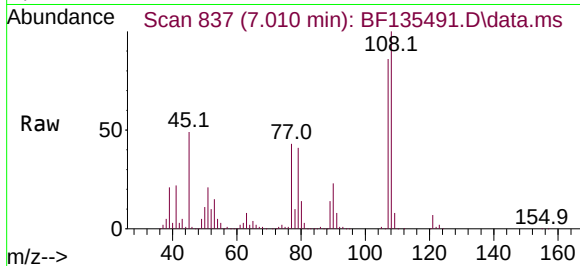




#17
2-Methylphenol
Concen: 40.710 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

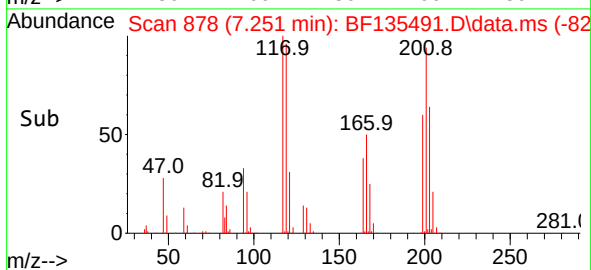
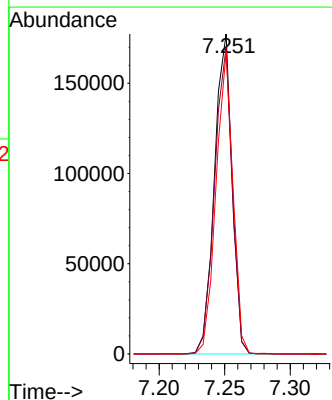
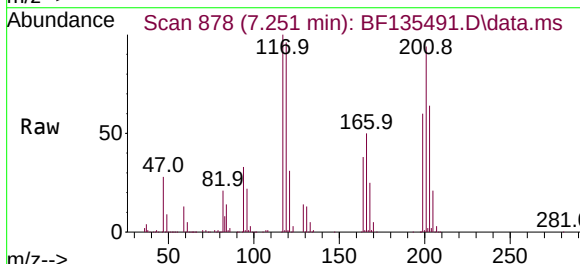
Instrument :
BNA_F
ClientSampleId :
PB155842BS

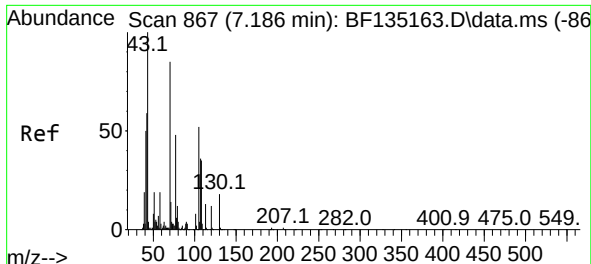
Tgt Ion:107 Resp: 360486
Ion Ratio Lower Upper
107 100
108 116.2 92.0 138.0
77 49.6 36.7 55.1
79 48.0 36.3 54.5



#18
Hexachloroethane
Concen: 43.221 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:117 Resp: 165689
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 94.4 81.8 122.8



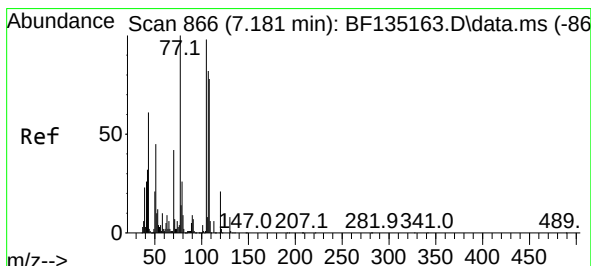
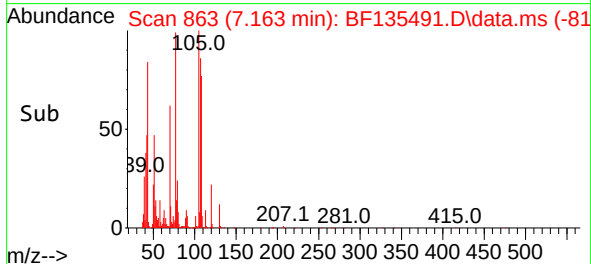
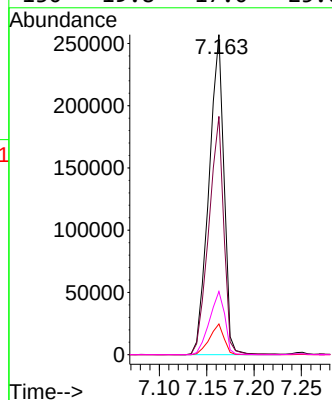
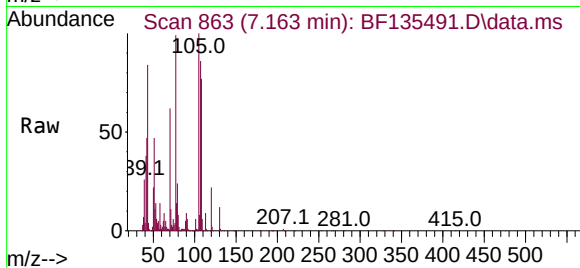


#19
n-Nitroso-di-n-propylamine
Concen: 38.330 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion: 70 Resp: 283770

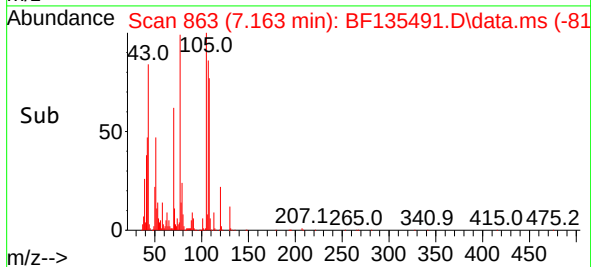
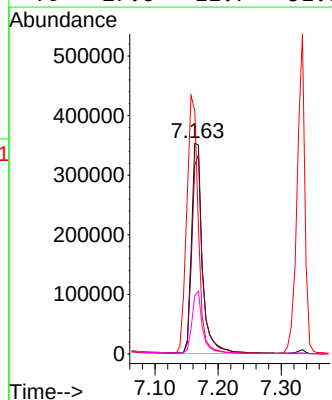
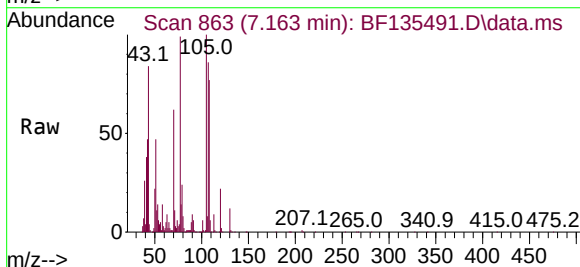
Ion	Ratio	Lower	Upper
70	100		
42	74.5	55.4	83.0
101	9.6	7.7	11.5
130	19.8	17.0	25.6

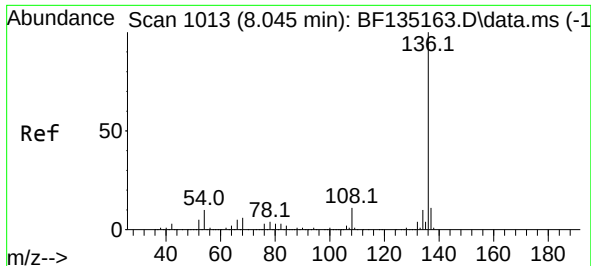


#20
3+4-Methylphenols
Concen: 40.042 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 107 Resp: 426354

Ion	Ratio	Lower	Upper
107	100		
108	89.6	74.7	114.7
77	115.5	102.0	142.0
79	27.6	11.7	51.7

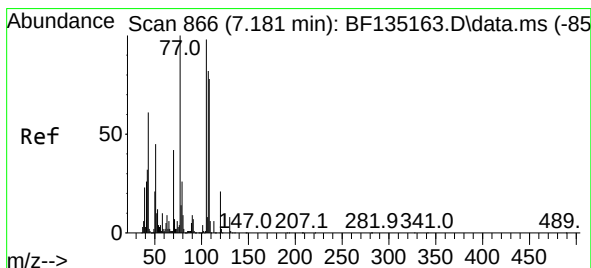
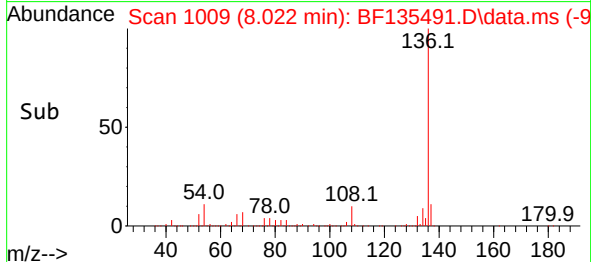
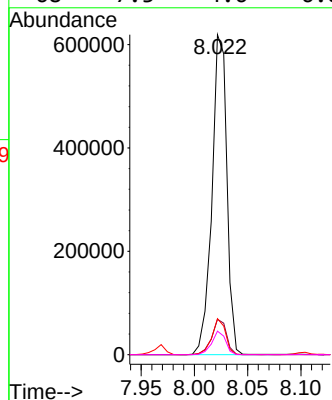
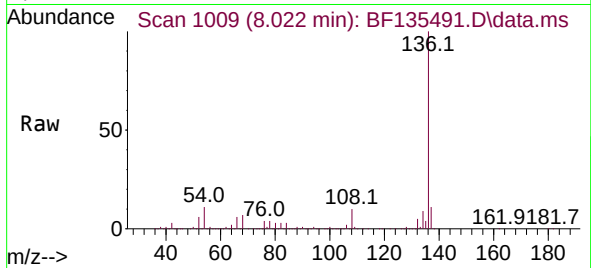




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

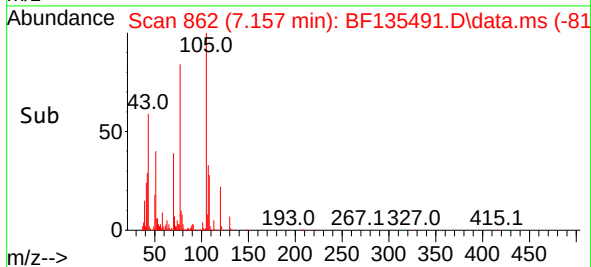
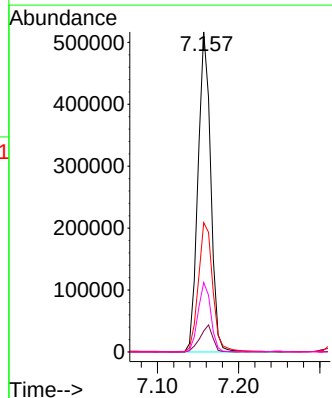
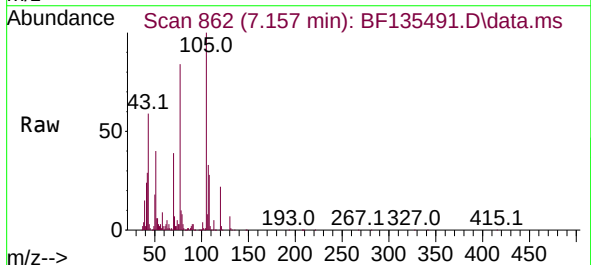
Instrument :
BNA_F
ClientSampleId :
PB155842BS

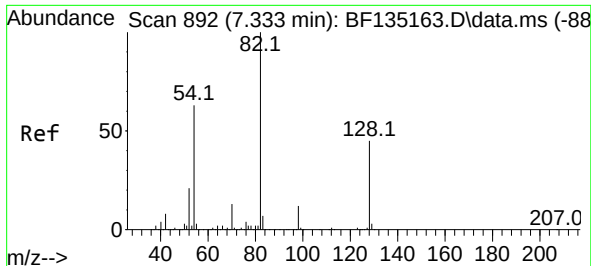
Tgt Ion:136 Resp: 605772
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.2 7.7 11.5
68 7.3 4.6 6.8#



#22
Acetophenone
Concen: 40.626 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:105 Resp: 562652
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.6
51 40.4 37.0 55.4
120 21.7 17.0 25.6

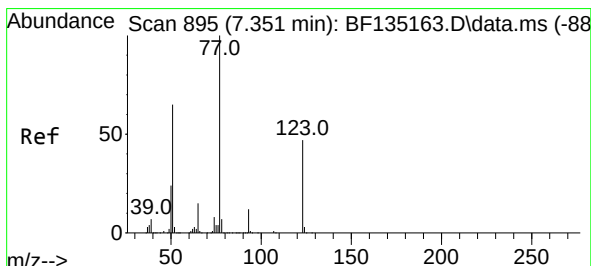
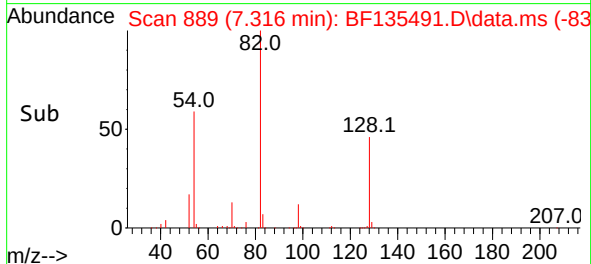
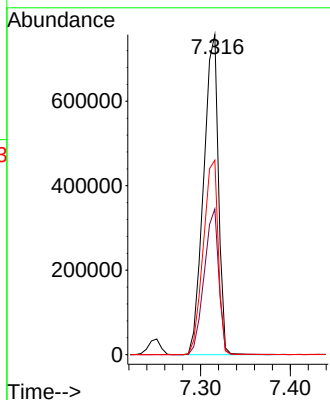
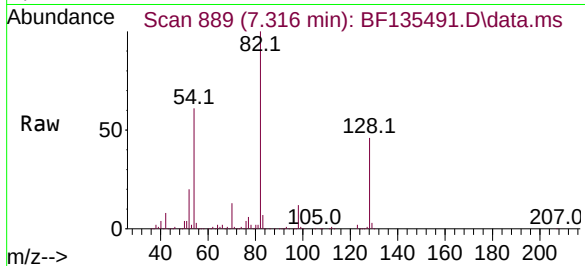




#23
Nitrobenzene-d5
Concen: 77.799 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

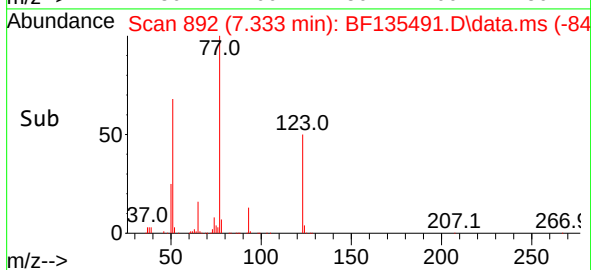
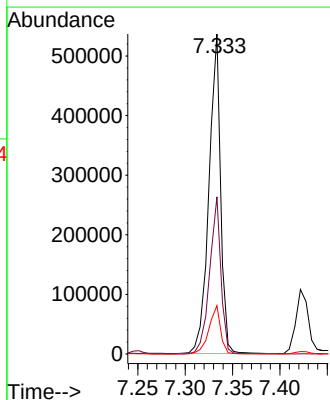
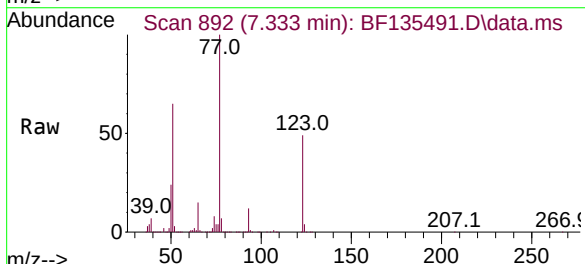
Instrument :
BNA_F
ClientSampleId :
PB155842BS

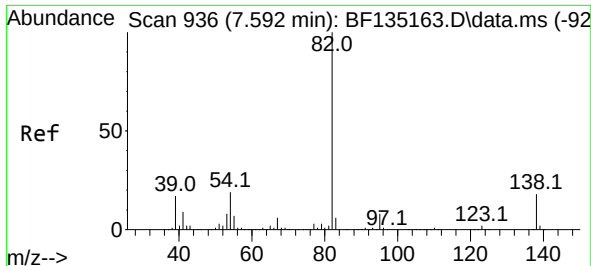
Tgt Ion: 82 Resp: 867463
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 60.8 50.6 76.0



#24
Nitrobenzene
Concen: 41.518 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 77 Resp: 457552
Ion Ratio Lower Upper
77 100
123 49.1 37.6 56.4
65 15.1 12.2 18.4

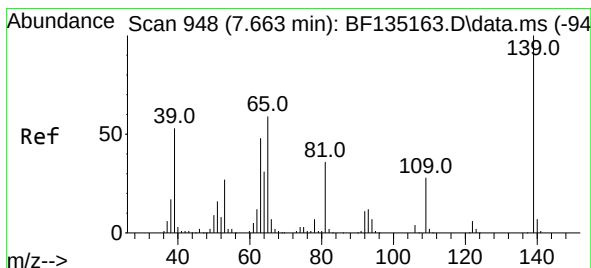
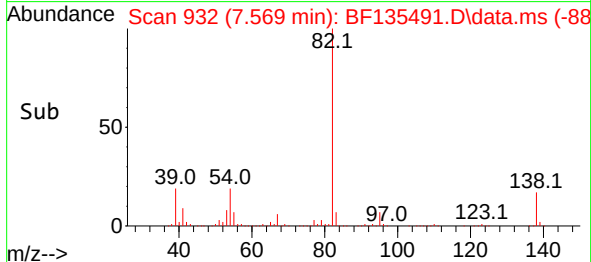
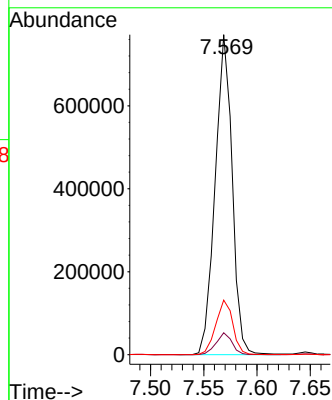
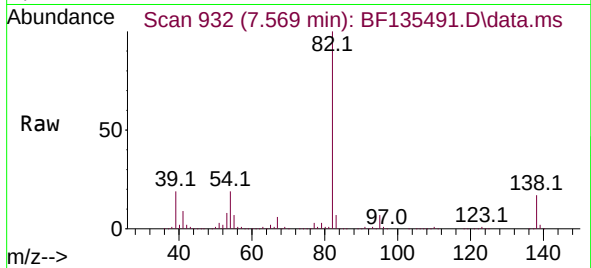




#25
Isophorone
Concen: 41.669 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

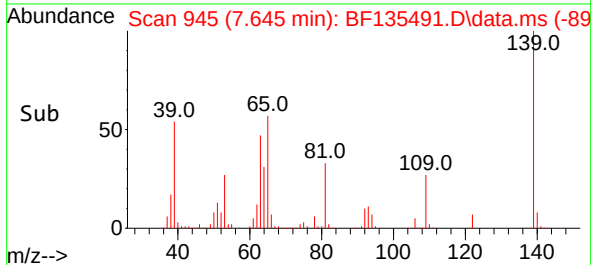
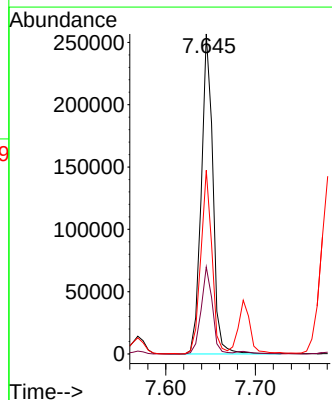
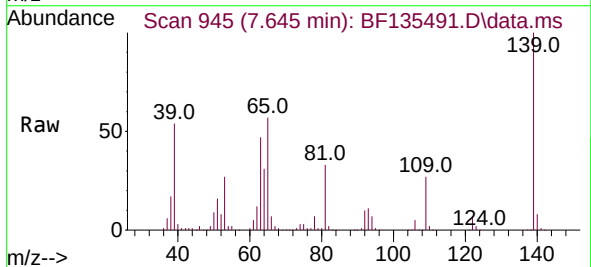
Instrument :
BNA_F
ClientSampleId :
PB155842BS

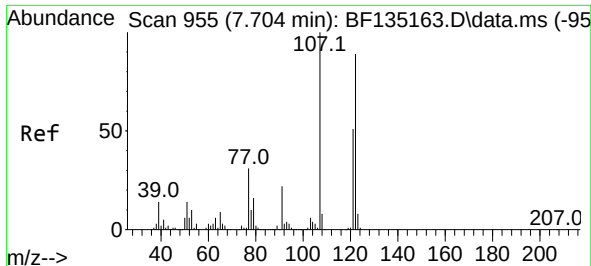
Tgt Ion: 82 Resp: 853147
Ion Ratio Lower Upper
82 100
95 6.9 6.0 9.0
138 17.0 14.5 21.7



#26
2-Nitrophenol
Concen: 43.593 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 139 Resp: 230579
Ion Ratio Lower Upper
139 100
109 27.2 22.6 33.8
65 57.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.219 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135491.D

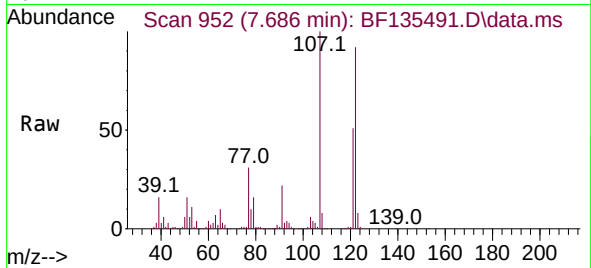
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



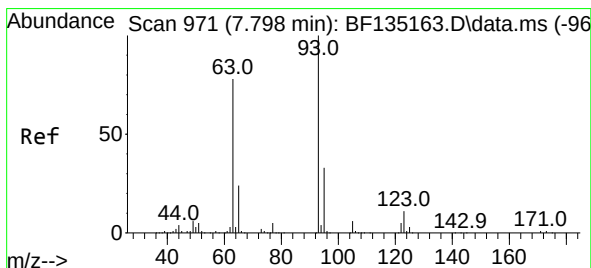
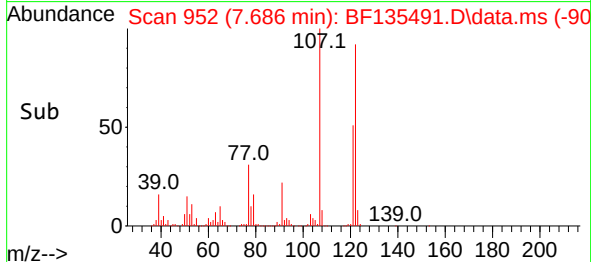
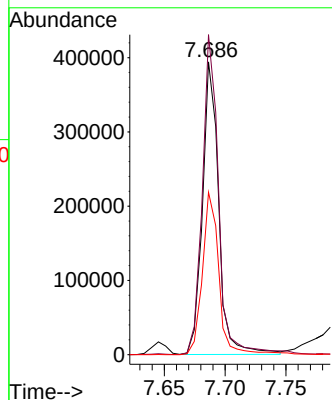
Tgt Ion:122 Resp: 366461

Ion Ratio Lower Upper

122 100

107 109.3 90.2 135.4

121 55.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.697 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

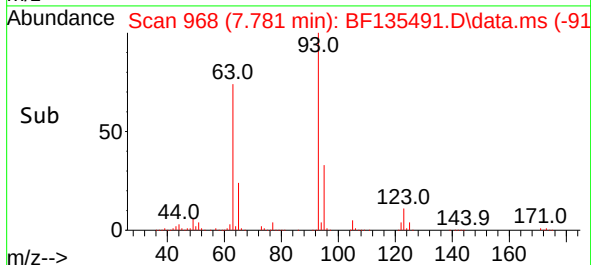
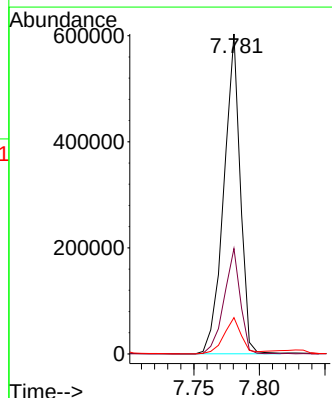
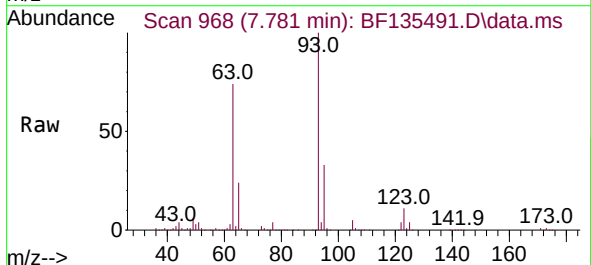
Tgt Ion: 93 Resp: 523225

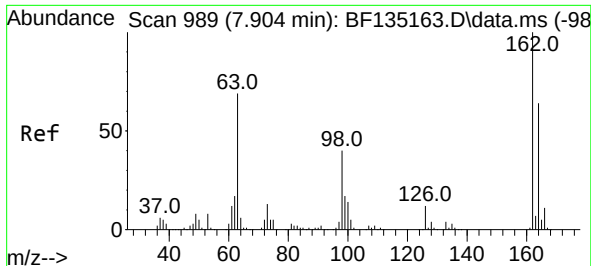
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 41.752 ng

RT: 7.892 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

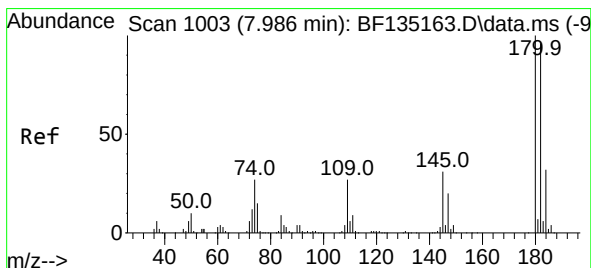
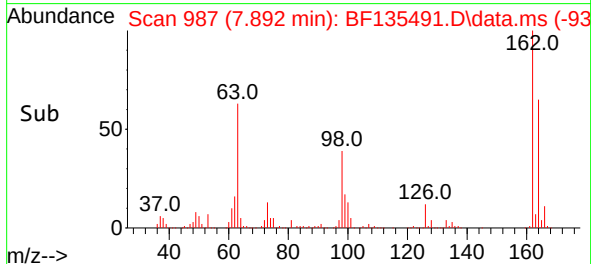
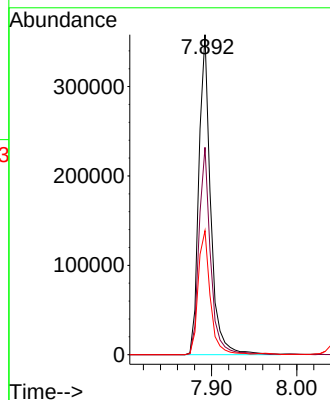
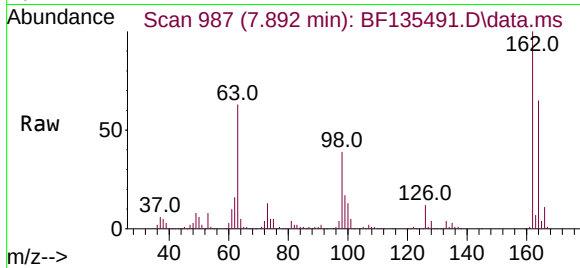
Tgt Ion:162 Resp: 343967

Ion Ratio Lower Upper

162 100

164 64.8 44.1 84.1

98 38.7 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 41.915 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

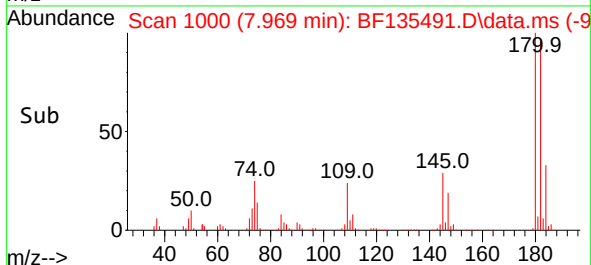
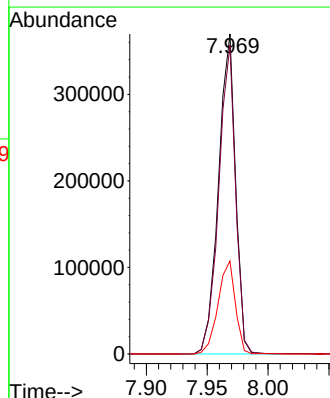
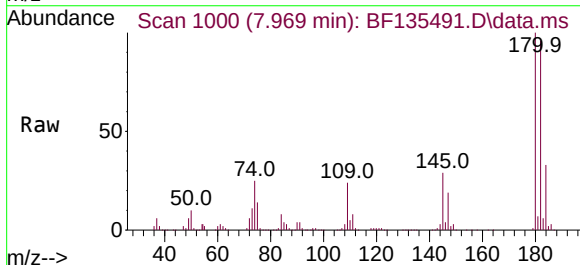
Tgt Ion:180 Resp: 360923

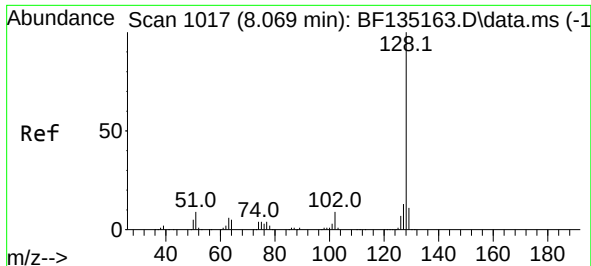
Ion Ratio Lower Upper

180 100

182 96.5 76.9 115.3

145 29.1 24.5 36.7

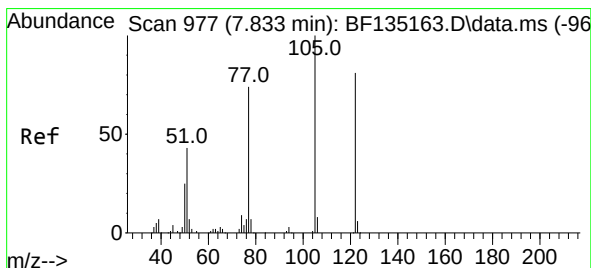
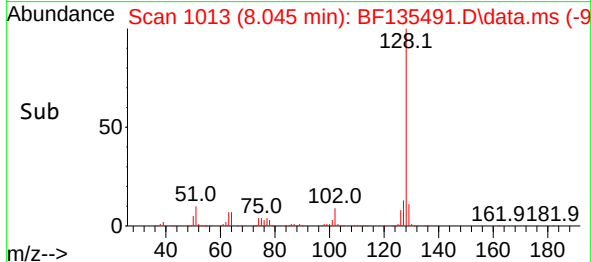
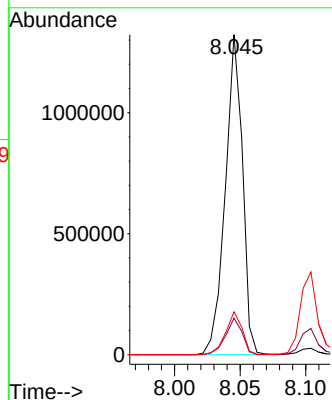
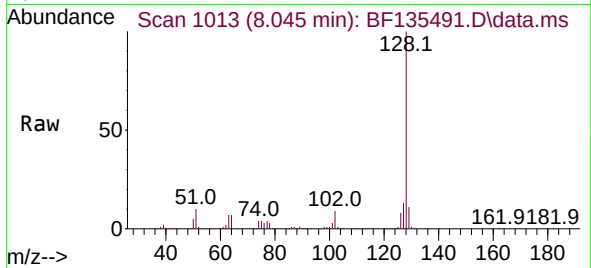




#31
Naphthalene
Concen: 40.920 ng
RT: 8.045 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

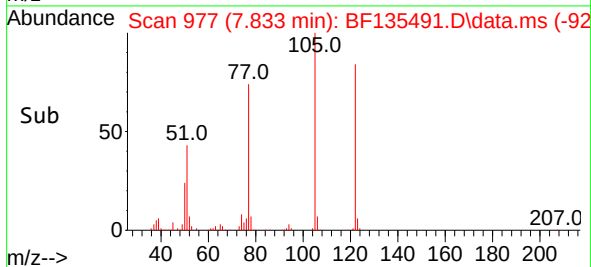
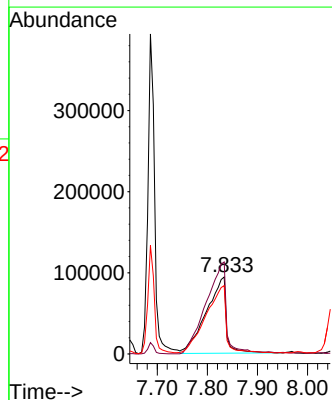
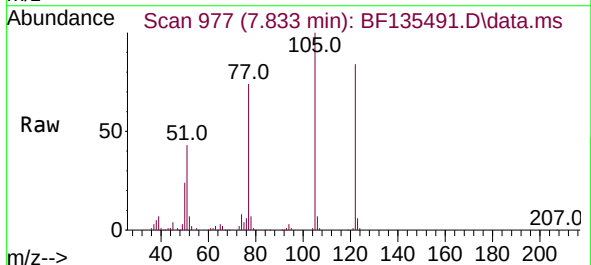
Instrument :
BNA_F
ClientSampleId :
PB155842BS

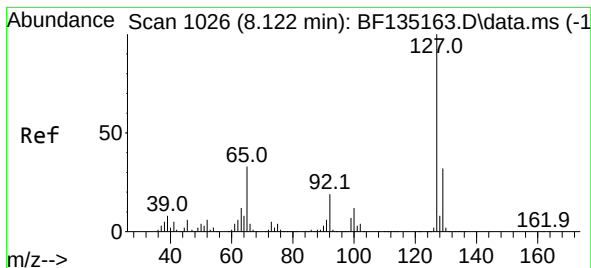
Tgt Ion:128 Resp: 1204391
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 39.316 ng
RT: 7.833 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:122 Resp: 263212
Ion Ratio Lower Upper
122 100
105 119.5 99.9 139.9
77 88.7 70.0 110.0





#33

4-Chloroaniline

Concen: 25.821 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

Tgt Ion:127 Resp: 333442

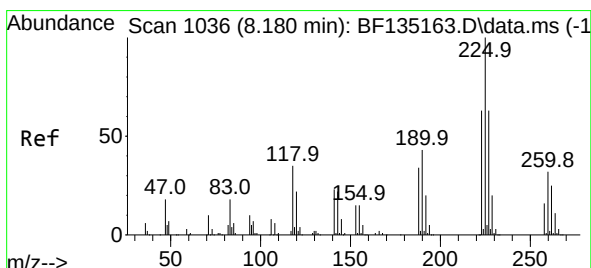
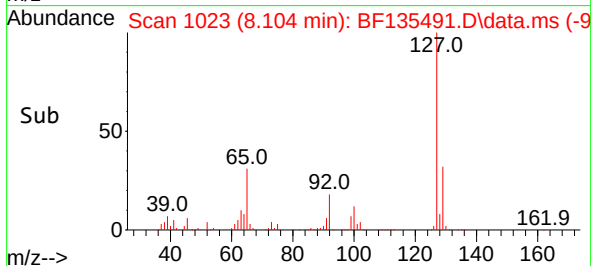
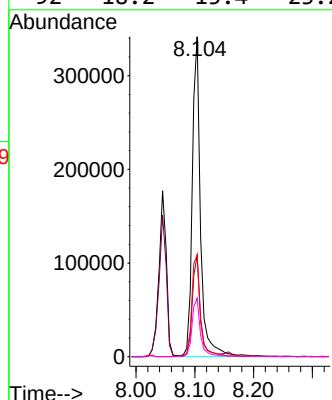
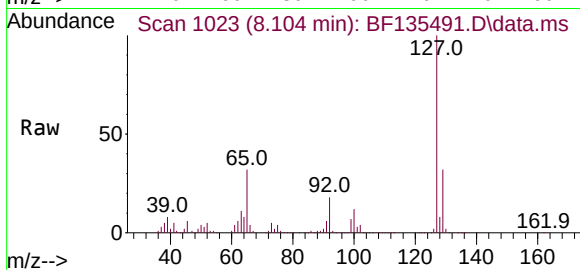
Ion Ratio Lower Upper

127 100

129 31.7 25.8 38.8

65 31.8 26.6 39.8

92 18.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 39.006 ng

RT: 8.157 min Scan# 1032

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

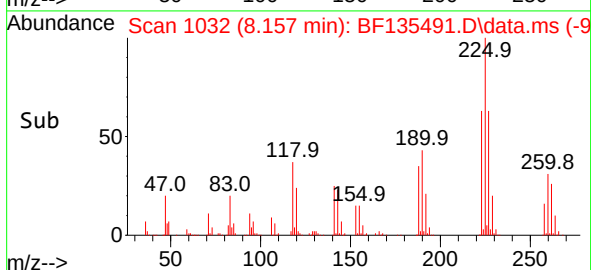
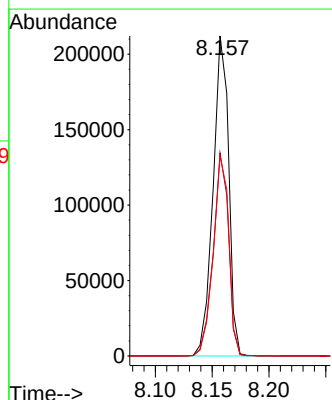
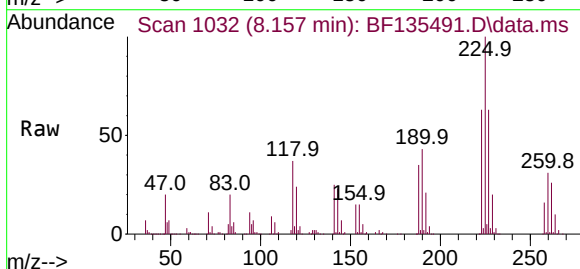
Tgt Ion:225 Resp: 202528

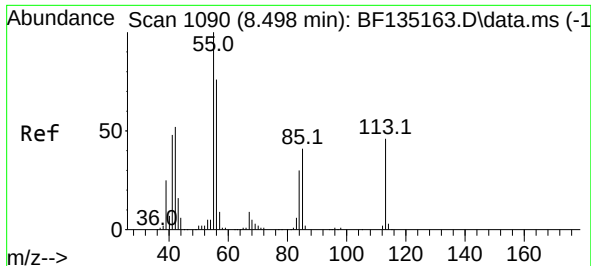
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 62.6 50.8 76.2

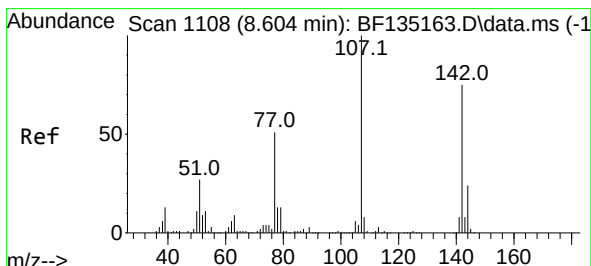
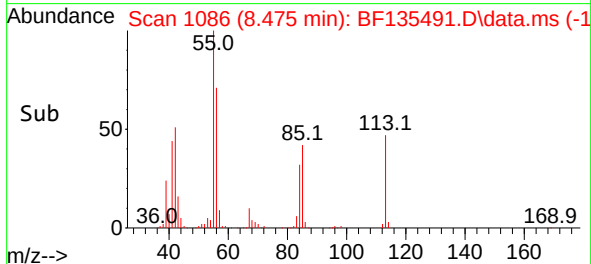
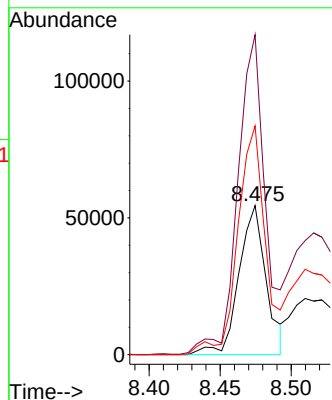
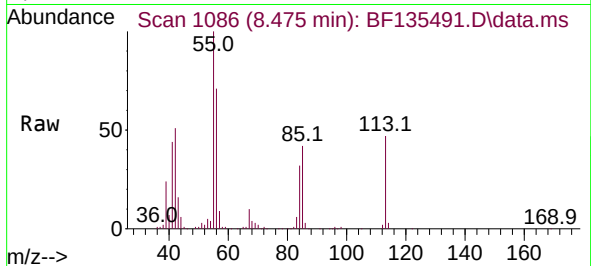




#35
 Caprolactam
 Concen: 26.178 ng
 RT: 8.475 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

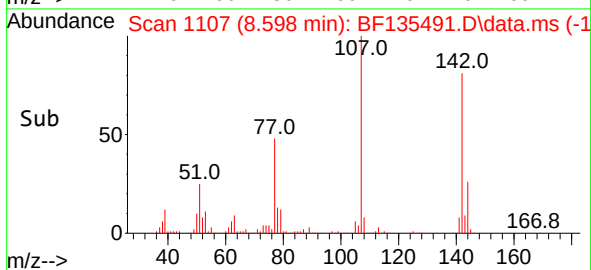
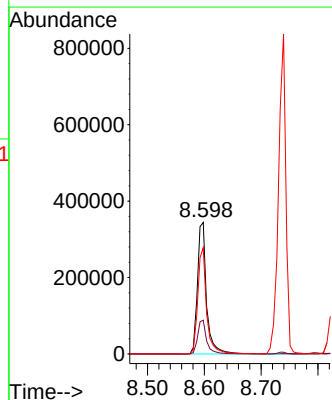
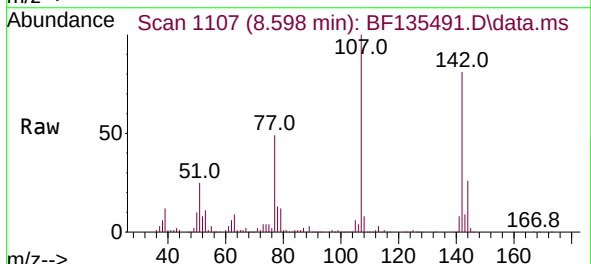
Instrument :
 BNA_F
 ClientSampleId :
 PB155842BS

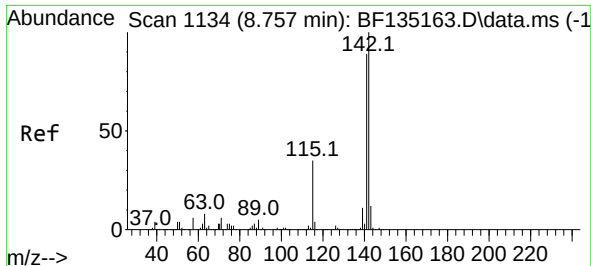
Tgt Ion:113 Resp: 72380
 Ion Ratio Lower Upper
 113 100
 55 214.6 199.3 239.3
 56 153.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.372 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135491.D
 Acq: 28 Sep 2023 13:57

Tgt Ion:107 Resp: 387968
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.0 28.4
 142 80.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 37.923 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

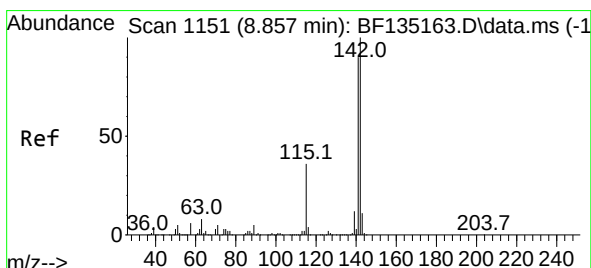
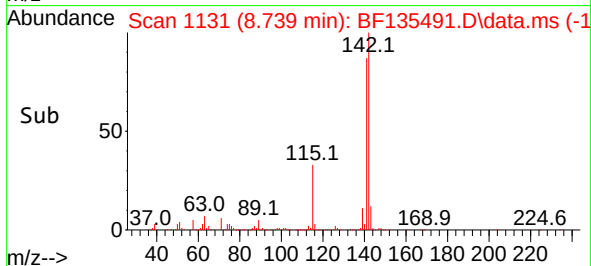
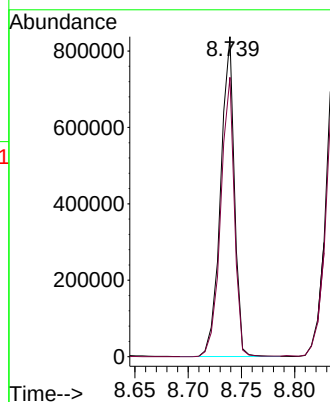
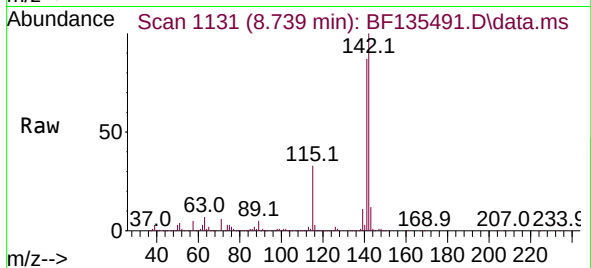
PB155842BS

Tgt Ion:142 Resp: 750290

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.689 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135491.D

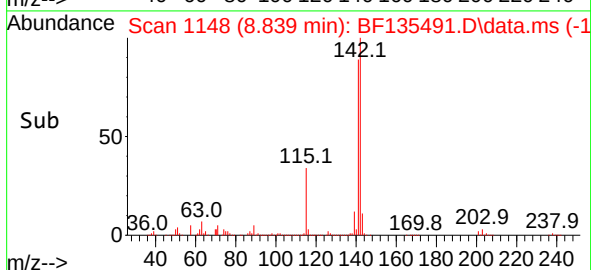
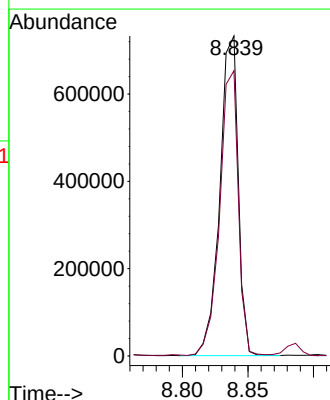
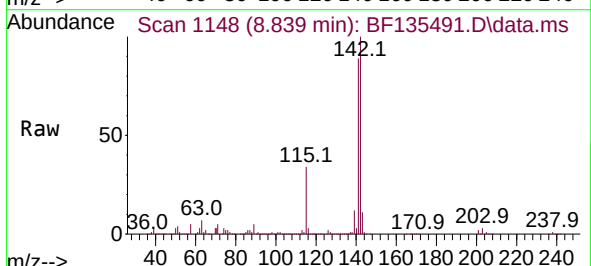
Acq: 28 Sep 2023 13:57

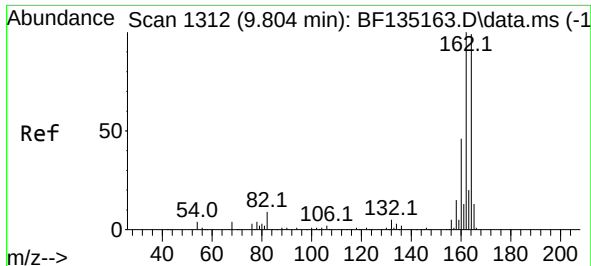
Tgt Ion:142 Resp: 716638

Ion Ratio Lower Upper

142 100

141 89.1 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

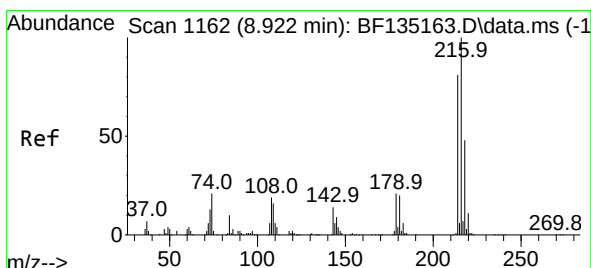
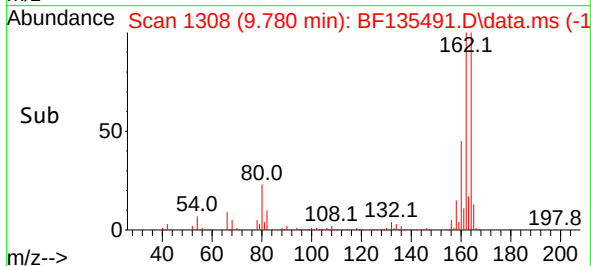
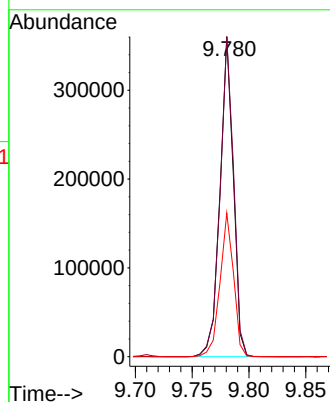
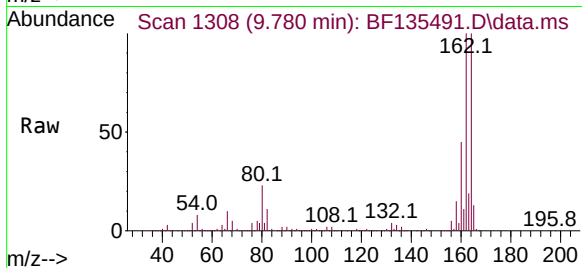
Tgt Ion:164 Resp: 294813

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 44.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.451 ng

RT: 8.904 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Tgt Ion:216 Resp: 345492

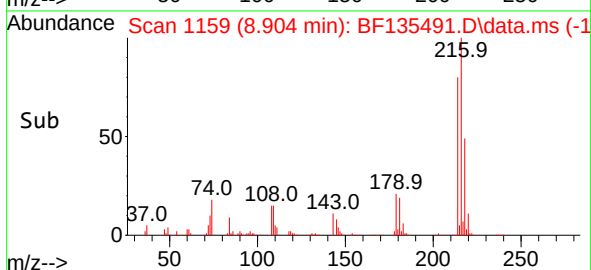
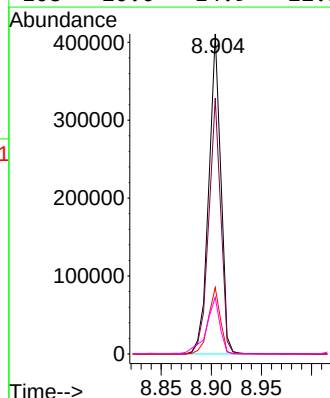
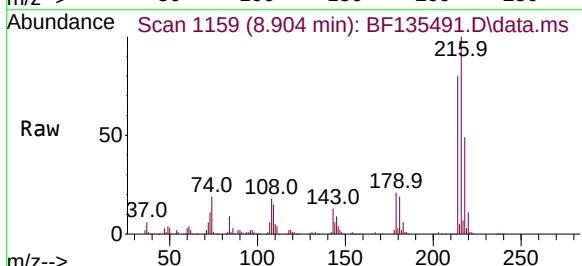
Ion Ratio Lower Upper

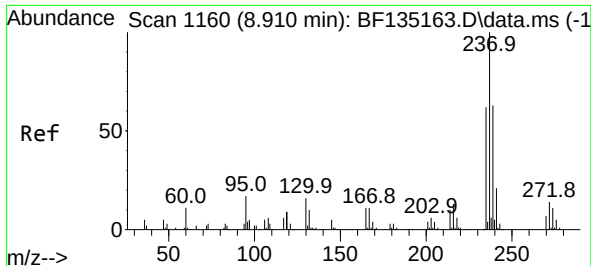
216 100

214 79.8 63.7 95.5

179 20.6 16.7 25.1

108 20.0 14.9 22.3

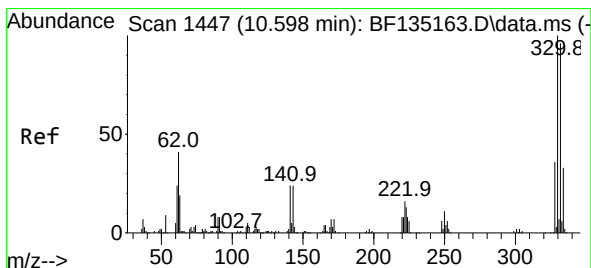
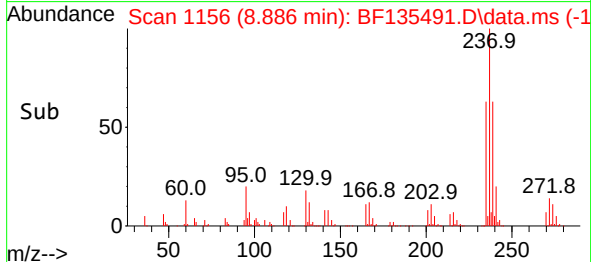
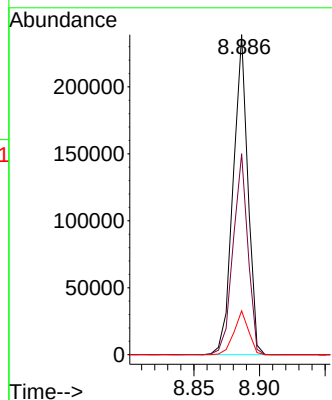
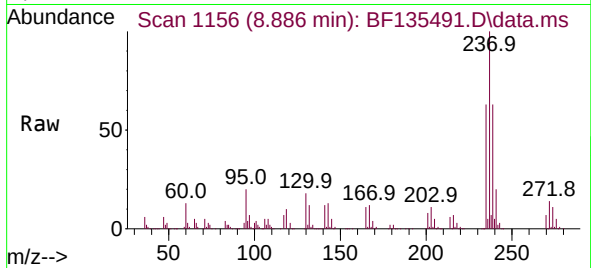




#41
Hexachlorocyclopentadiene
Concen: 52.424 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

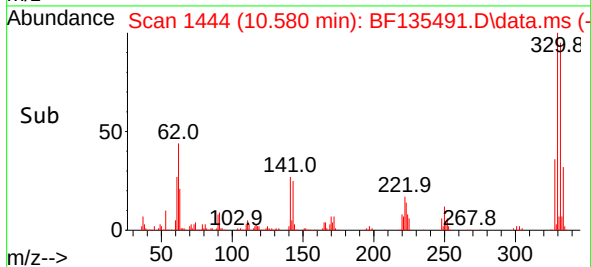
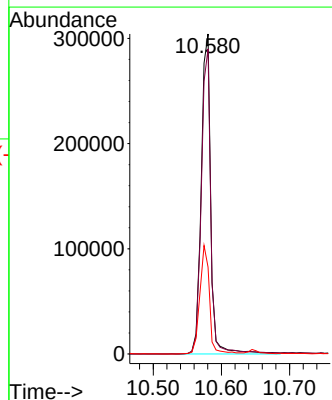
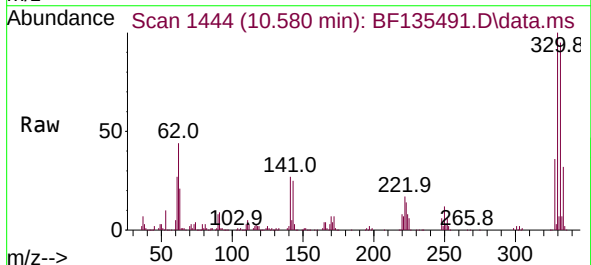
Instrument :
BNA_F
ClientSampleId :
PB155842BS

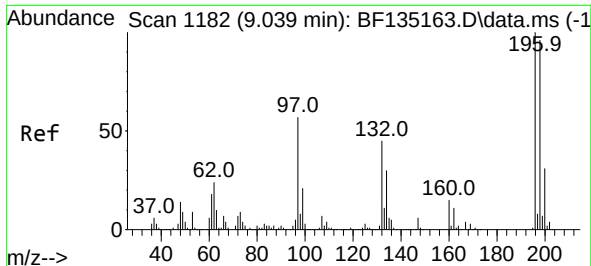
Tgt Ion:237 Resp: 186739
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 100.894 ng
RT: 10.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:330 Resp: 295592
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 34.5 25.8 38.8

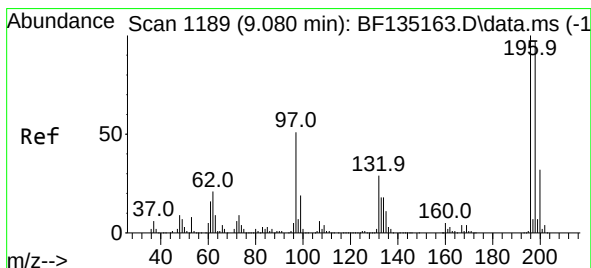
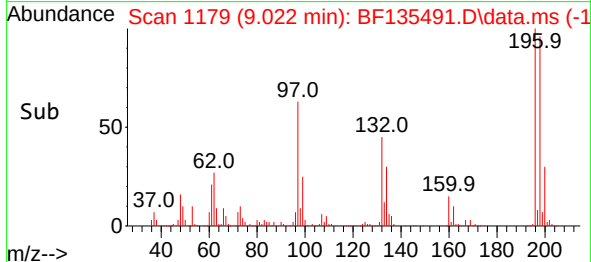
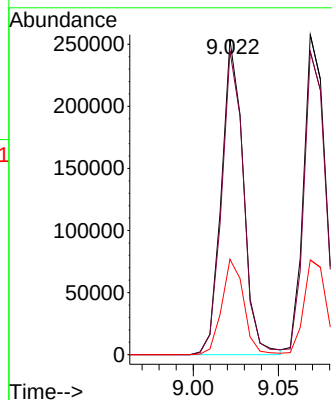
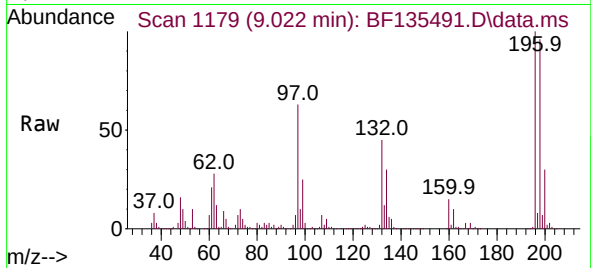




#43
2,4,6-Trichlorophenol
Concen: 40.550 ng
RT: 9.022 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

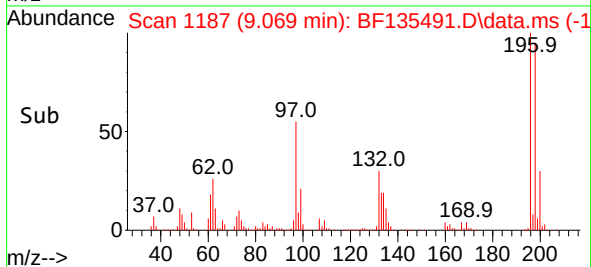
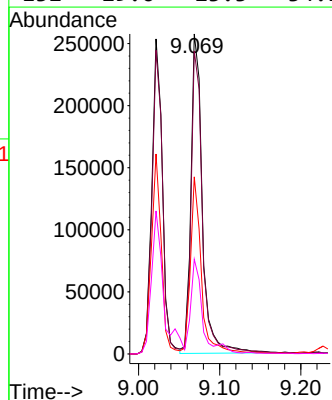
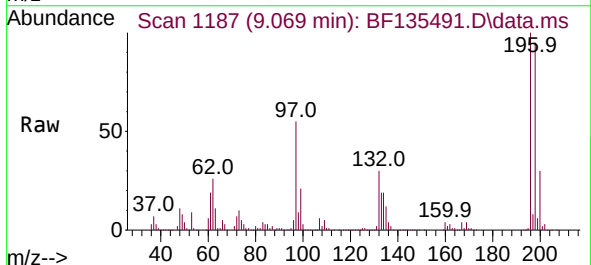
Instrument :
BNA_F
ClientSampleId :
PB155842BS

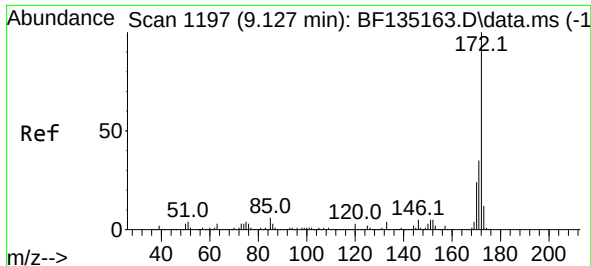
Tgt Ion:196 Resp: 226760
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.6
200 30.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 39.136 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:196 Resp: 252035
Ion Ratio Lower Upper
196 100
198 94.7 77.5 116.3
97 55.4 40.5 60.7
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.593 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

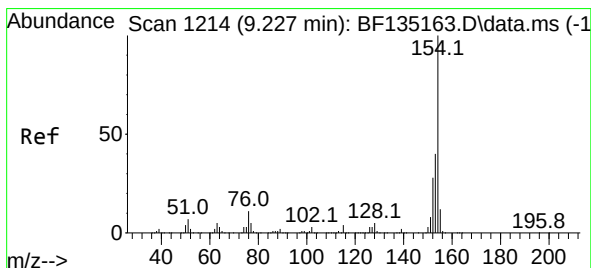
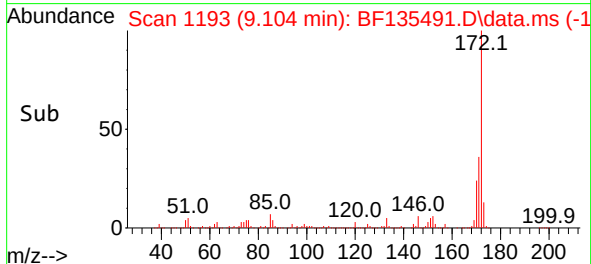
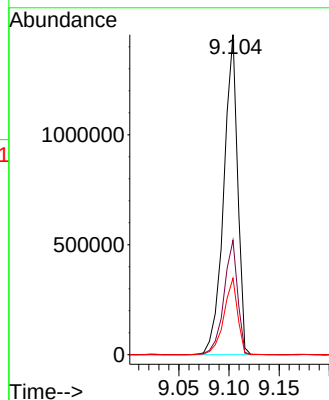
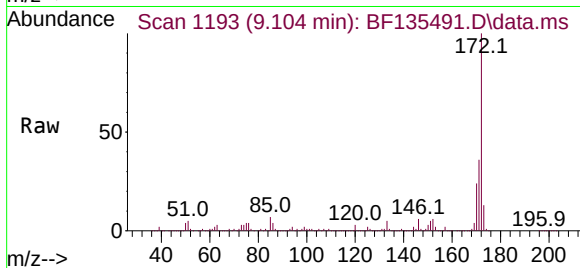
Tgt Ion:172 Resp: 1398977

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.716 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

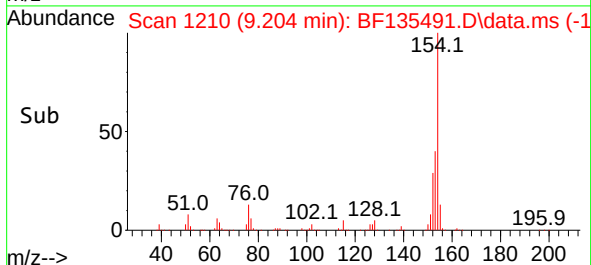
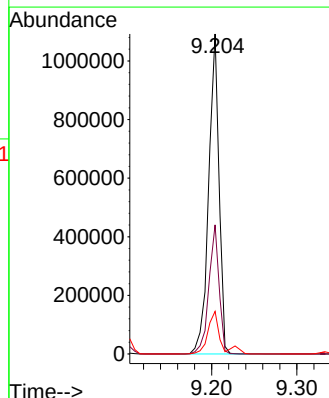
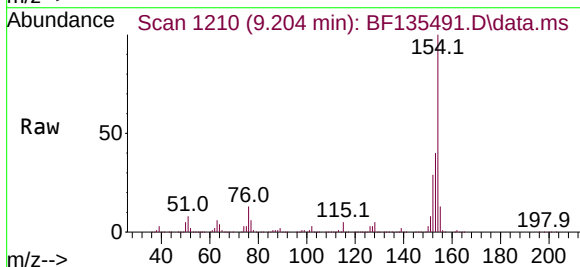
Tgt Ion:154 Resp: 922469

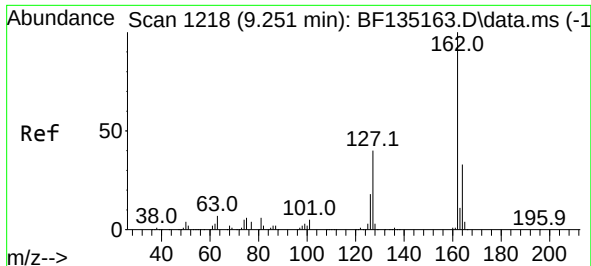
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 13.3 0.0 31.0

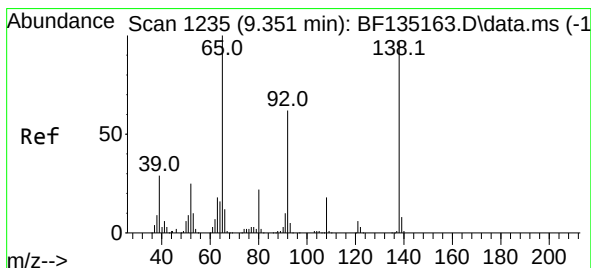
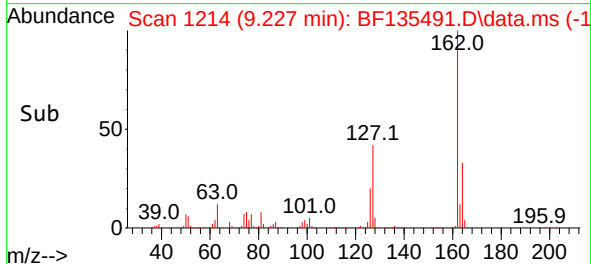
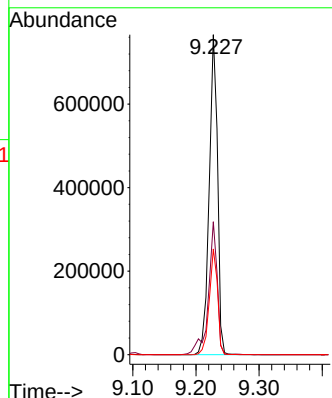
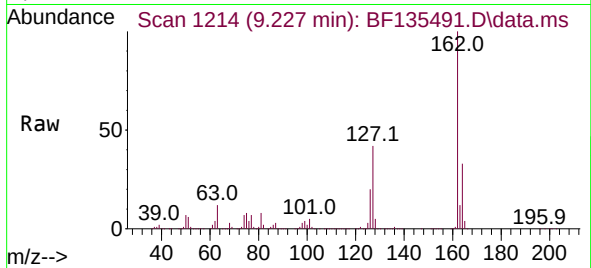




#47
2-Chloronaphthalene
Concen: 43.063 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

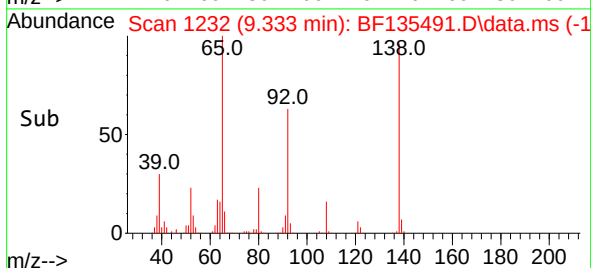
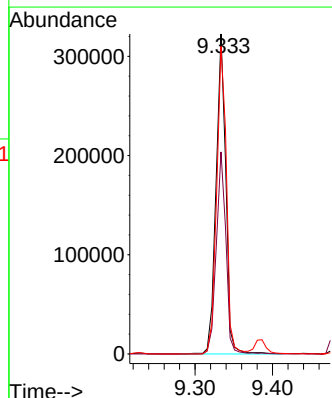
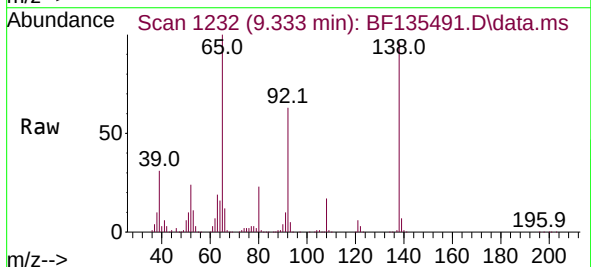
Instrument :
BNA_F
ClientSampleId :
PB155842BS

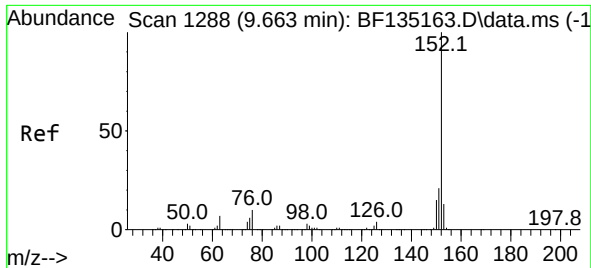
Tgt Ion:162 Resp: 707875
Ion Ratio Lower Upper
162 100
127 41.5 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 44.011 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion: 65 Resp: 281064
Ion Ratio Lower Upper
65 100
92 63.1 49.4 74.0
138 96.1 77.4 116.0





#49

Acenaphthylene

Concen: 41.590 ng

RT: 9.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

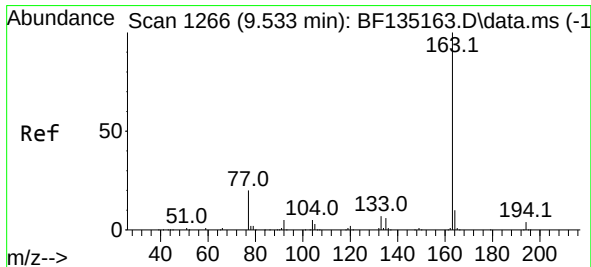
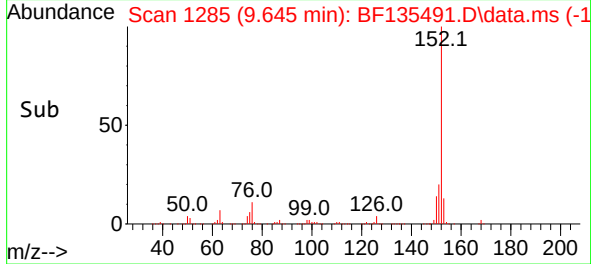
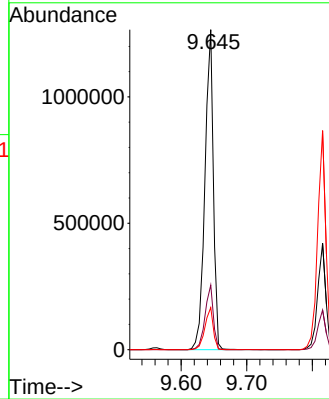
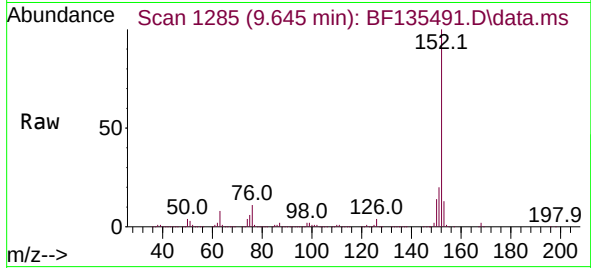
Tgt Ion:152 Resp: 1136204

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 41.137 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

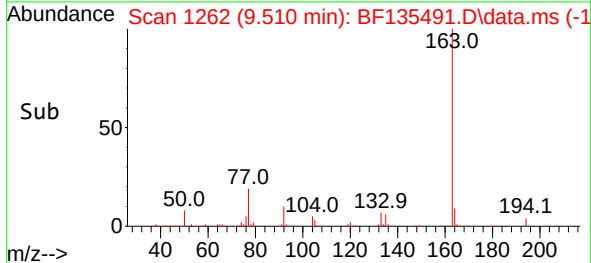
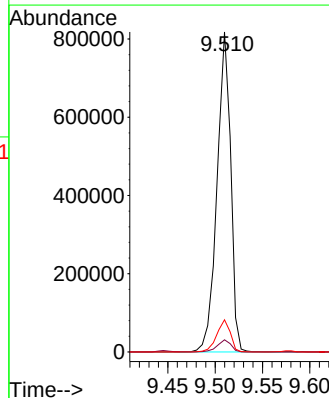
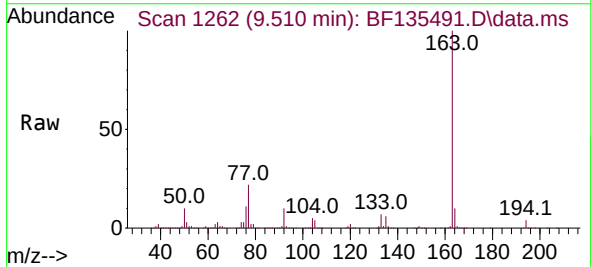
Tgt Ion:163 Resp: 819967

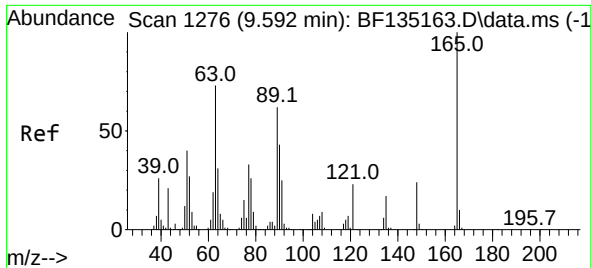
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 8.1 12.1

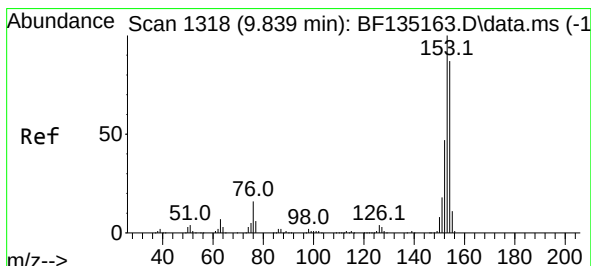
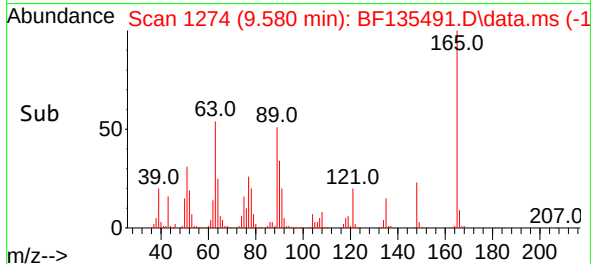
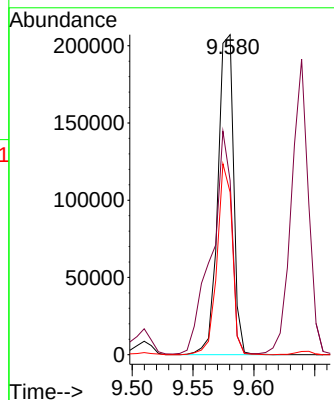
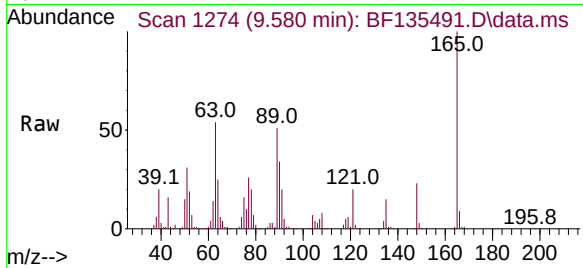




#51
2,6-Dinitrotoluene
Concen: 42.572 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

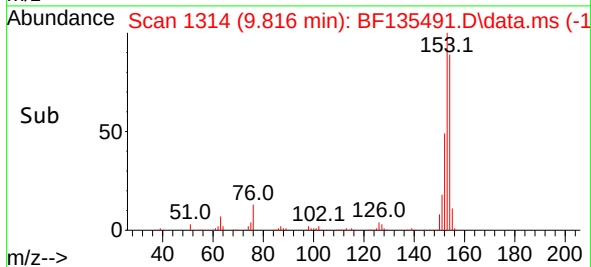
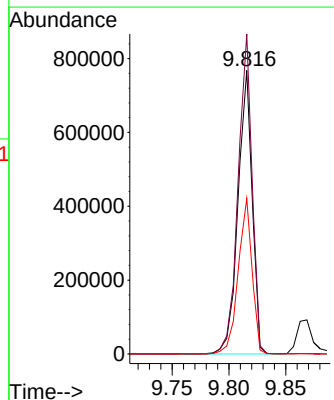
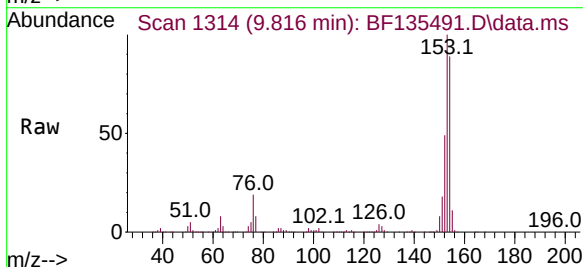
Instrument :
BNA_F
ClientSampleId :
PB155842BS

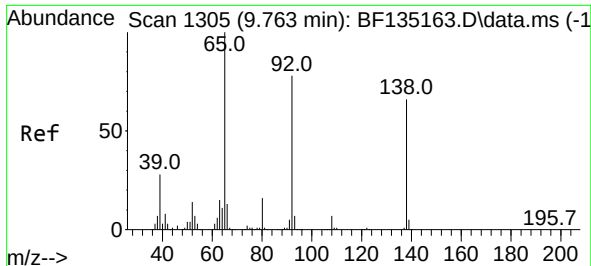
Tgt Ion:165 Resp: 185891
Ion Ratio Lower Upper
165 100
63 54.4 59.4 89.2#
89 50.8 49.8 74.8



#52
Acenaphthene
Concen: 41.302 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:154 Resp: 666556
Ion Ratio Lower Upper
154 100
153 112.9 92.1 138.1
152 54.8 43.1 64.7

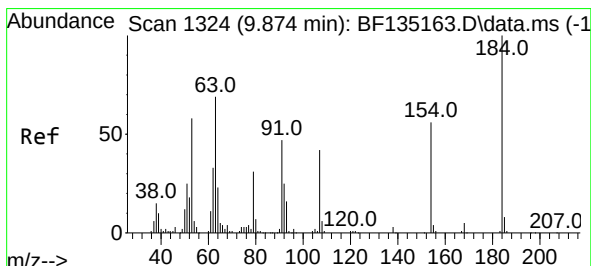
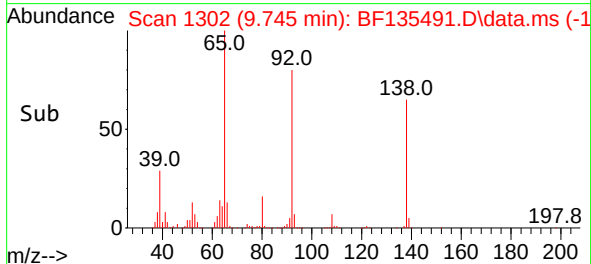
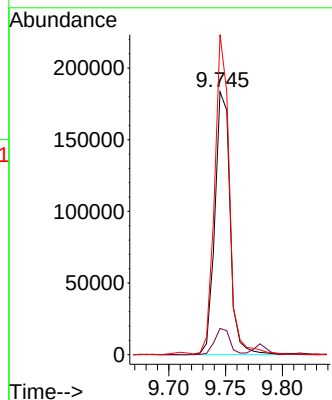
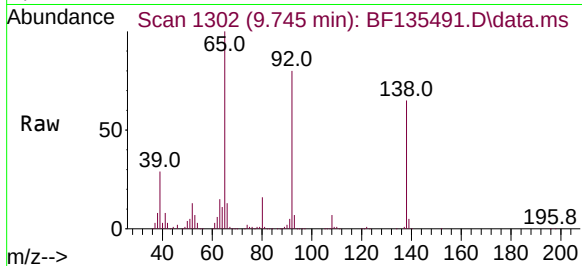




#53
3-Nitroaniline
Concen: 33.517 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

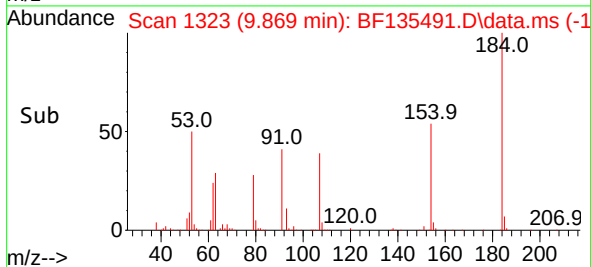
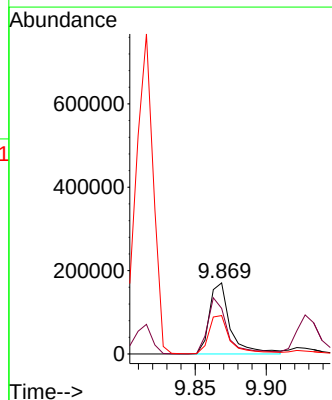
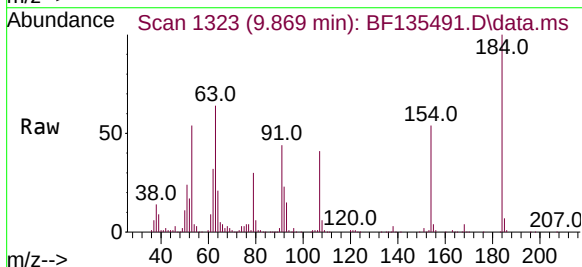
Instrument :
BNA_F
ClientSampleId :
PB155842BS

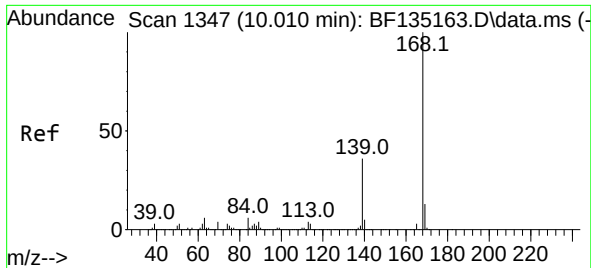
Tgt Ion:138 Resp: 171795
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 121.7 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 71.110 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:184 Resp: 174403
Ion Ratio Lower Upper
184 100
63 64.2 55.1 82.7
154 54.1 48.4 72.6

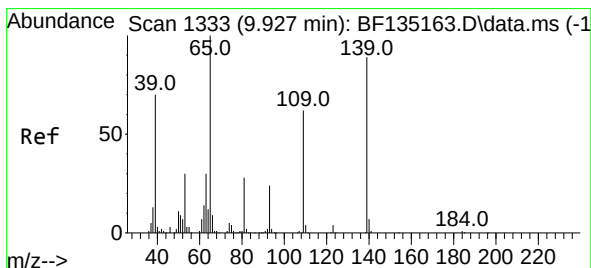
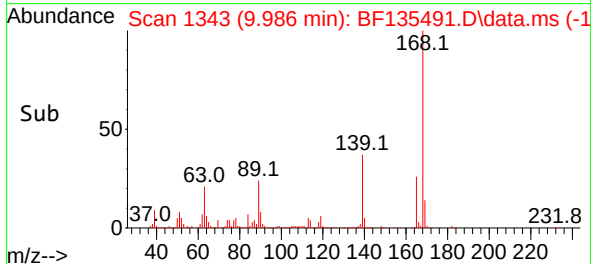
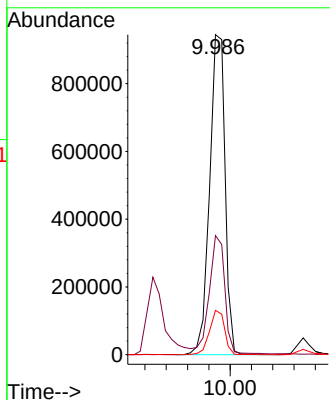
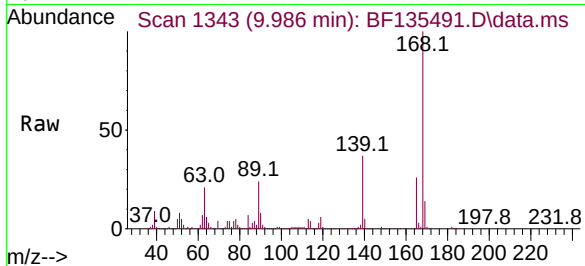




#55
Dibenzofuran
Concen: 38.511 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

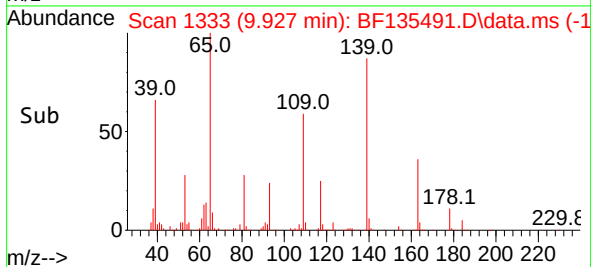
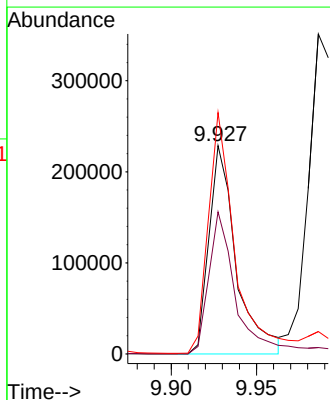
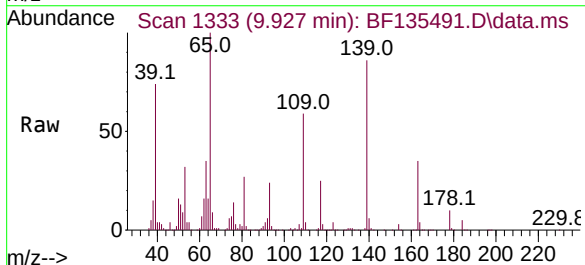
Instrument :
BNA_F
ClientSampleId :
PB155842BS

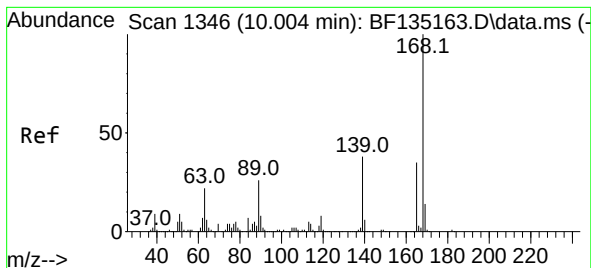
Tgt Ion:168 Resp: 948421
Ion Ratio Lower Upper
168 100
139 37.2 29.0 43.6
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 78.083 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:139 Resp: 254361
Ion Ratio Lower Upper
139 100
109 68.2 49.8 89.8
65 115.9 92.7 132.7

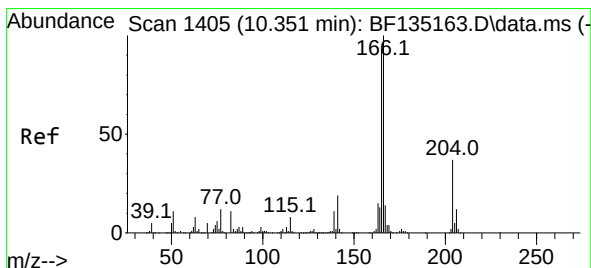
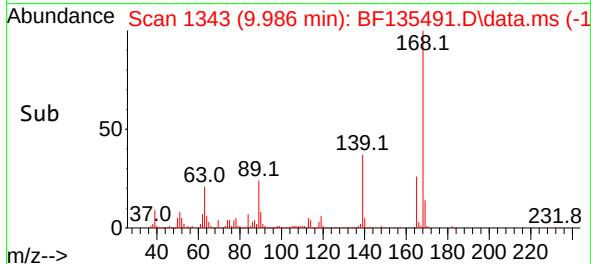
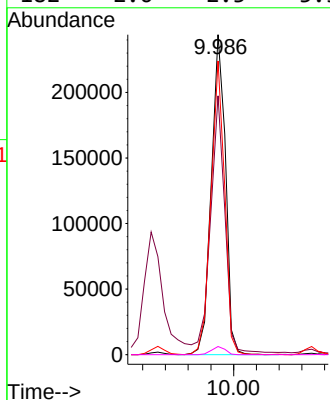
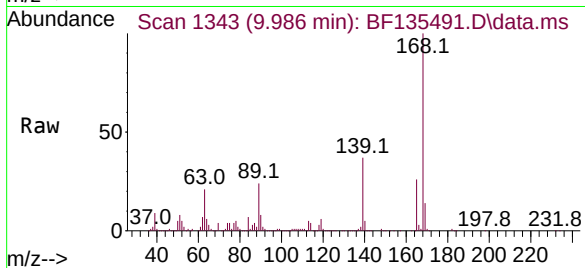




#57
2,4-Dinitrotoluene
Concen: 38.647 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

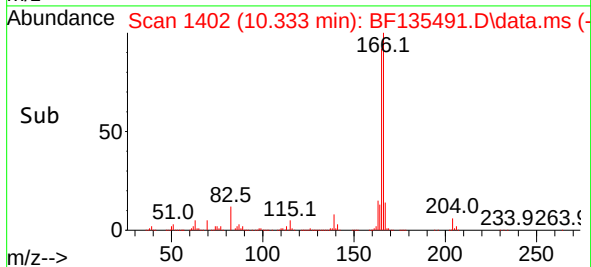
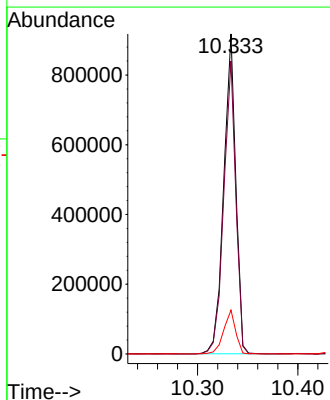
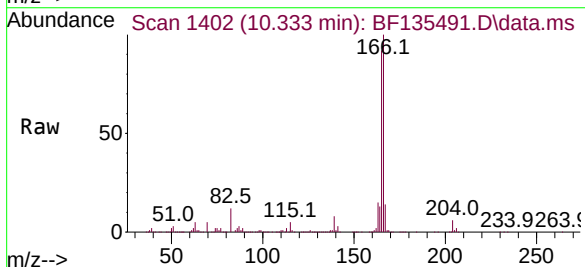
Instrument :
BNA_F
ClientSampleId :
PB155842BS

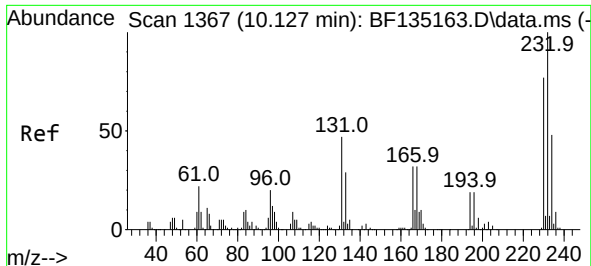
Tgt Ion:165 Resp: 211261
Ion Ratio Lower Upper
165 100
63 80.9 50.1 75.1#
89 91.8 59.3 88.9#
182 2.6 2.3 3.5



#58
Fluorene
Concen: 40.309 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:166 Resp: 763150
Ion Ratio Lower Upper
166 100
165 91.6 74.3 111.5
167 13.7 10.9 16.3

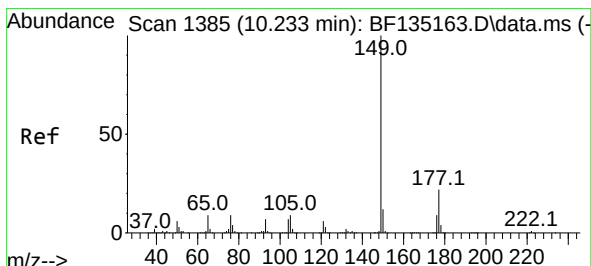
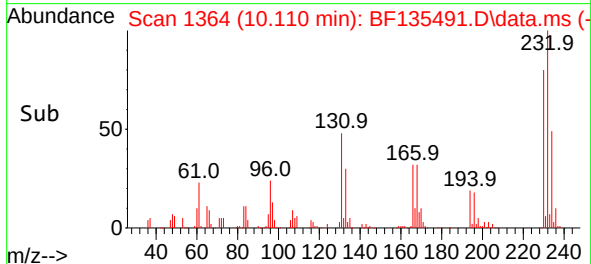
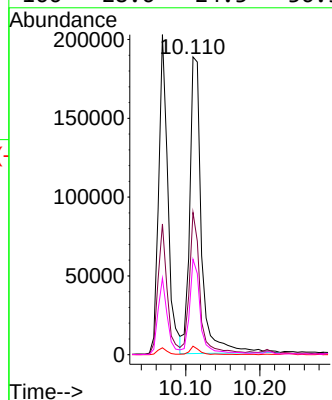
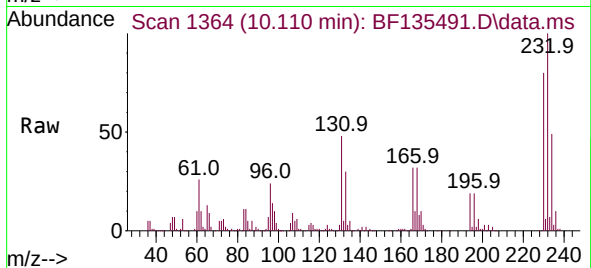




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.009 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

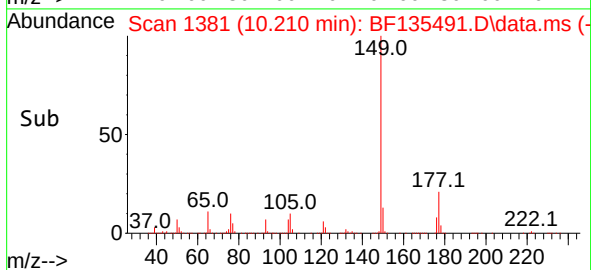
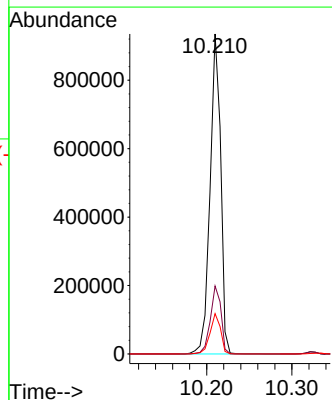
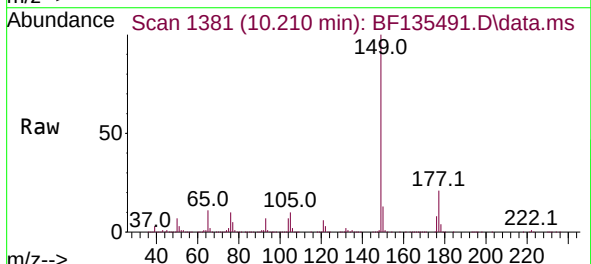
Instrument :
BNA_F
ClientSampleId :
PB155842BS

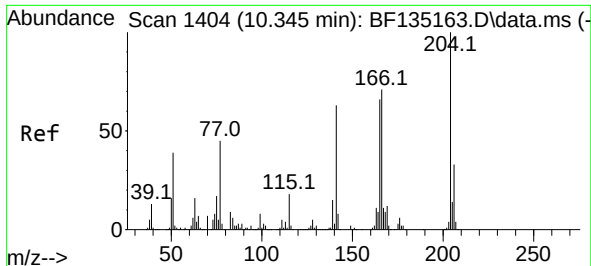
Tgt Ion:232 Resp: 208106
Ion Ratio Lower Upper
232 100
131 41.6 35.4 53.2
130 2.6 1.8 2.8
166 28.6 24.3 36.5



#60
Diethylphthalate
Concen: 40.421 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:149 Resp: 808584
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.6 10.0 15.0

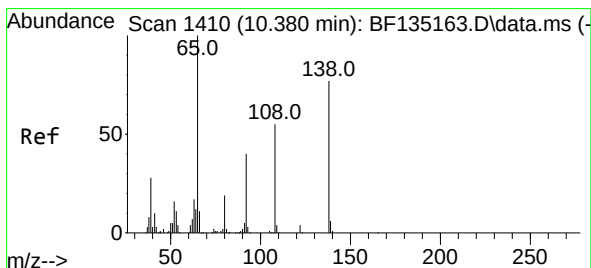
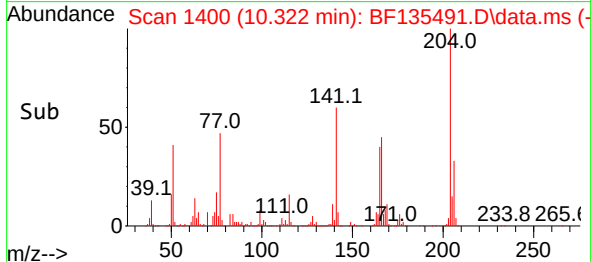
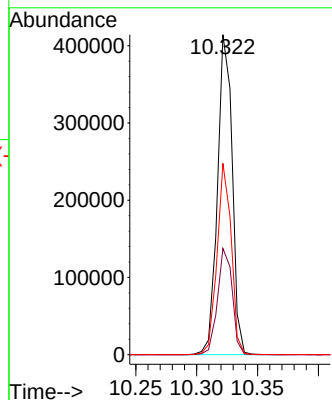
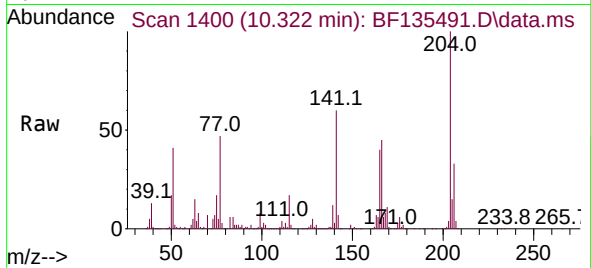




#61
4-Chlorophenyl-phenylether
Concen: 38.476 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

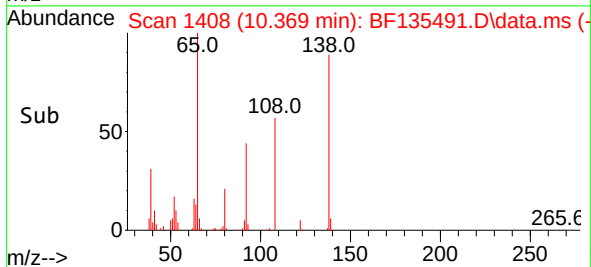
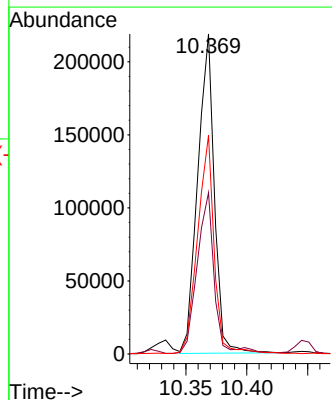
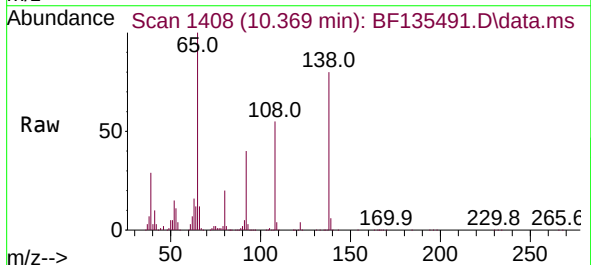
Instrument :
BNA_F
ClientSampleId :
PB155842BS

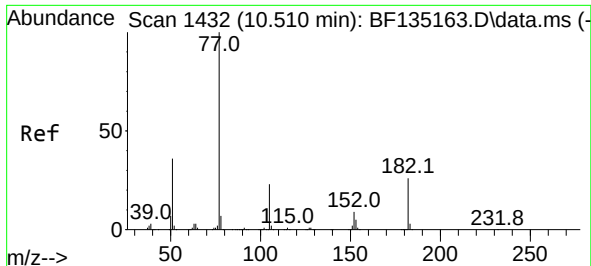
Tgt Ion:204 Resp: 349922
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 59.8 50.6 75.8



#62
4-Nitroaniline
Concen: 42.274 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:138 Resp: 208280
Ion Ratio Lower Upper
138 100
92 50.4 31.8 71.8
108 68.3 52.0 92.0

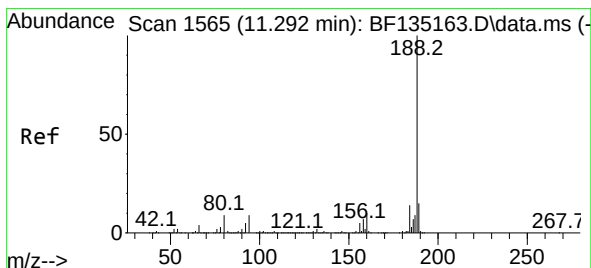
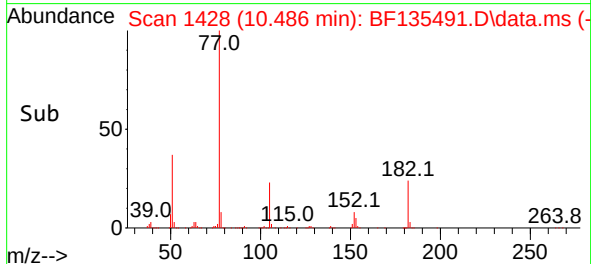
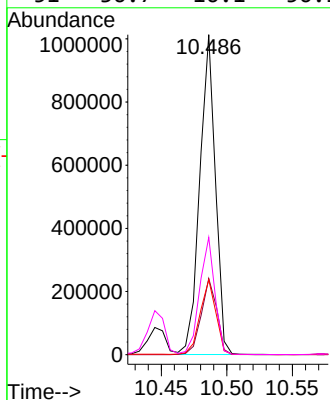
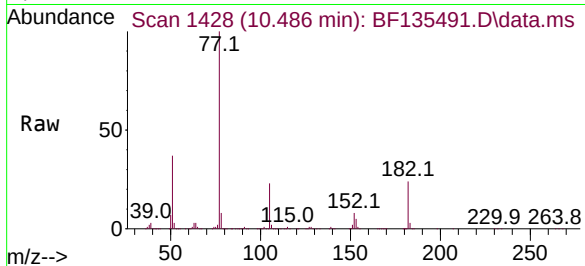




#63
Azobenzene
Concen: 43.018 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

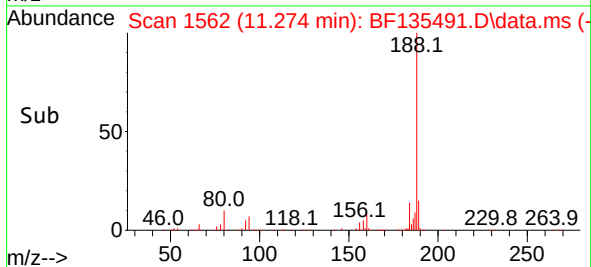
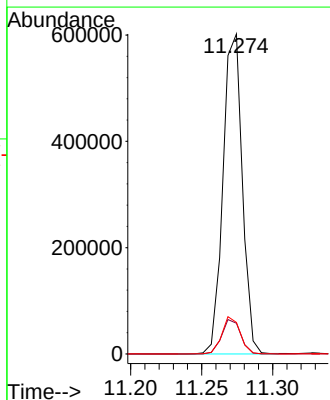
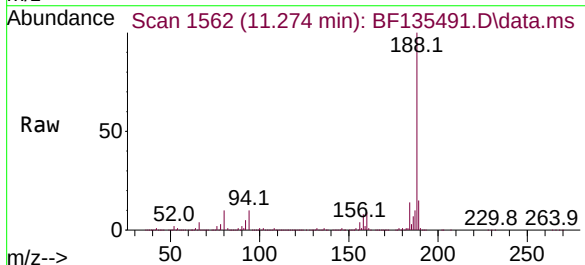
Instrument :
BNA_F
ClientSampleId :
PB155842BS

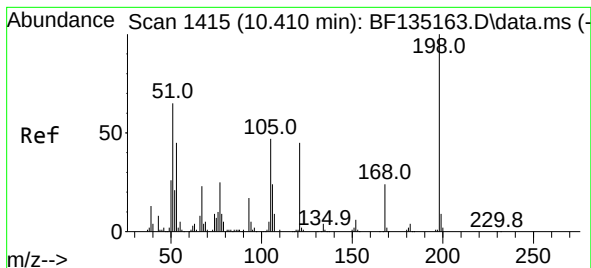
Tgt Ion: 77	Resp: 842186
Ion Ratio	Lower Upper
77 100	
182 23.8	6.4 46.4
105 23.4	3.1 43.1
51 36.7	16.1 56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:188	Resp: 568067		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.0	10.6	
80 9.9	7.5	11.3	

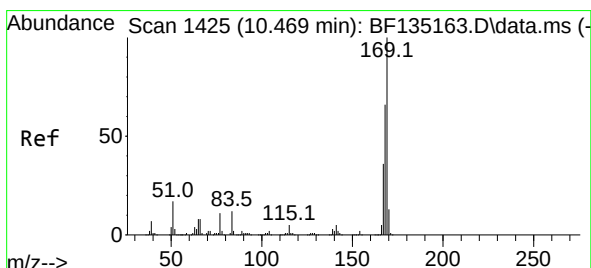
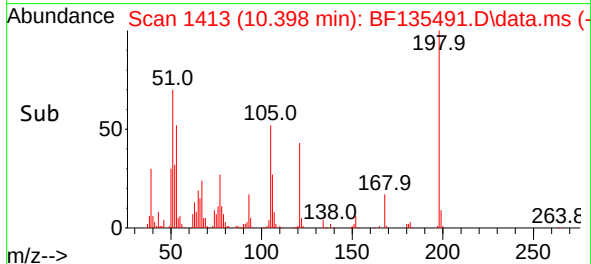
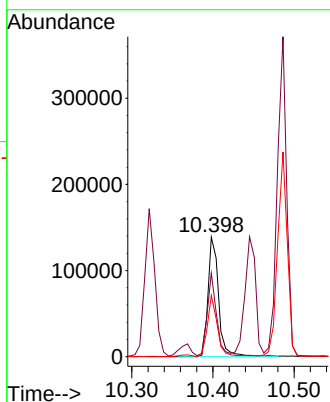
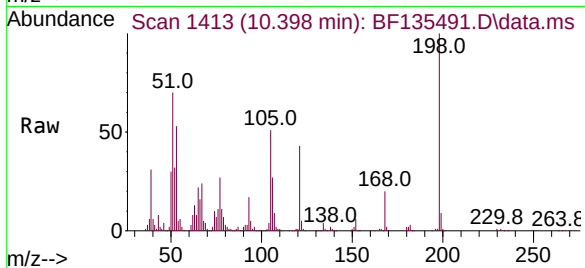




#65
4,6-Dinitro-2-methylphenol
Concen: 41.740 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

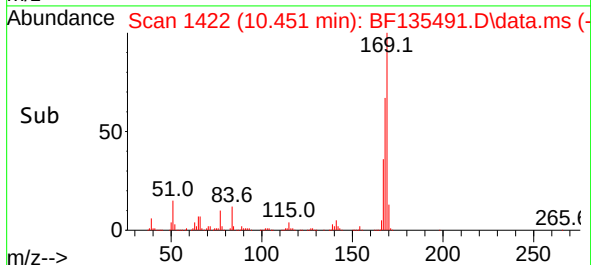
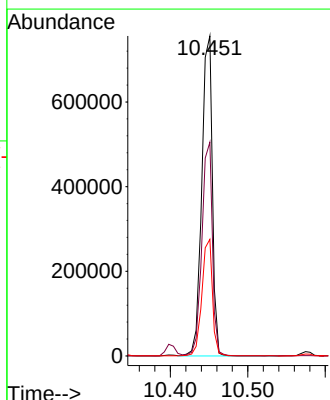
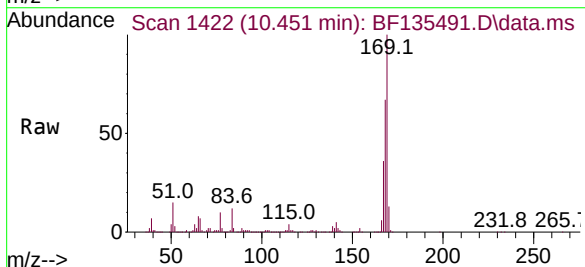
Instrument :
BNA_F
ClientSampleId :
PB155842BS

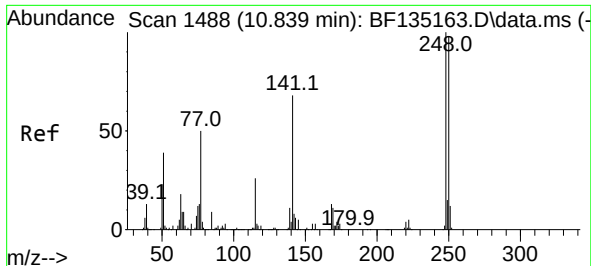
Tgt Ion:198 Resp: 125938
Ion Ratio Lower Upper
198 100
51 69.8 47.7 87.7
105 51.1 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 41.620 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:169 Resp: 715778
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.4 29.0 43.6

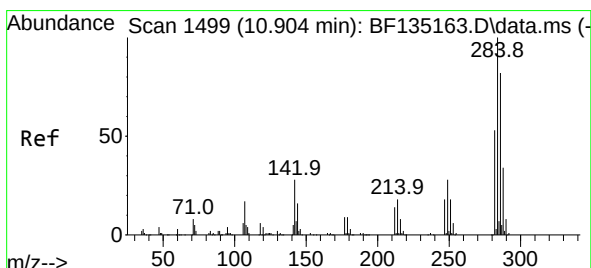
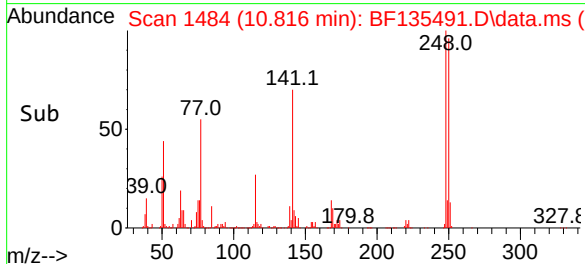
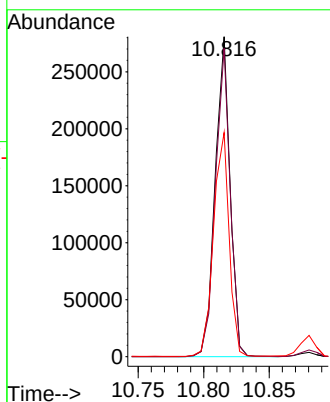
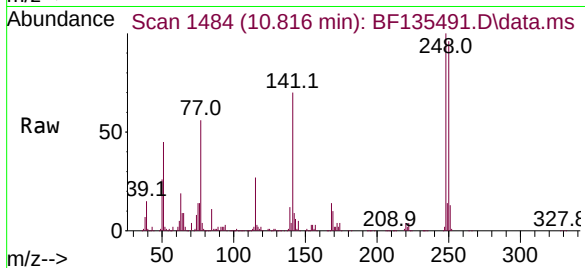




#67
4-Bromophenyl-phenylether
Concen: 39.401 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

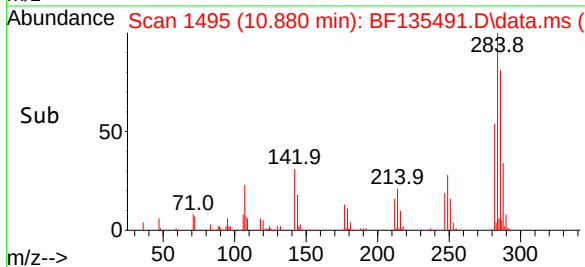
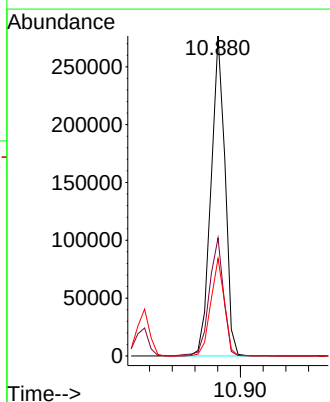
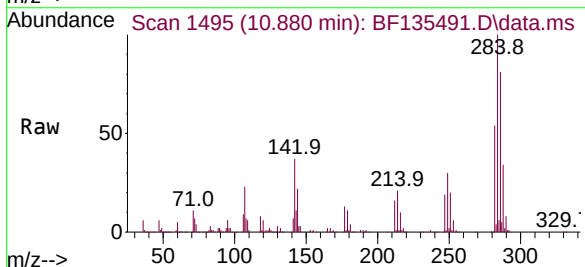
Instrument :
BNA_F
ClientSampleId :
PB155842BS

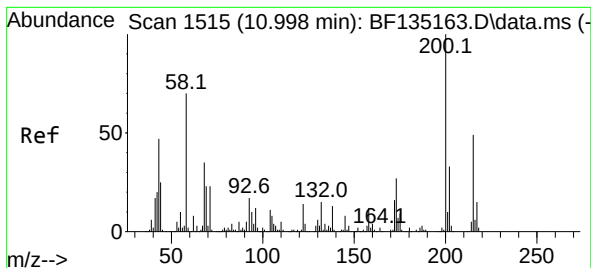
Tgt Ion:248 Resp: 222608
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 70.1 54.2 81.2



#68
Hexachlorobenzene
Concen: 41.150 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:284 Resp: 236855
Ion Ratio Lower Upper
284 100
142 36.9 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 45.681 ng

RT: 10.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

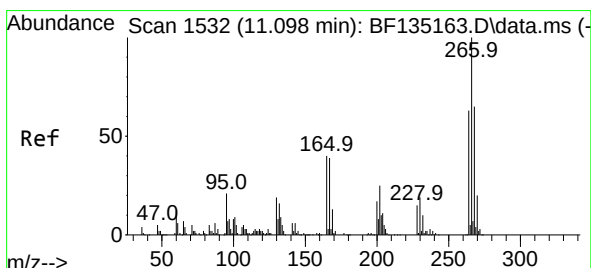
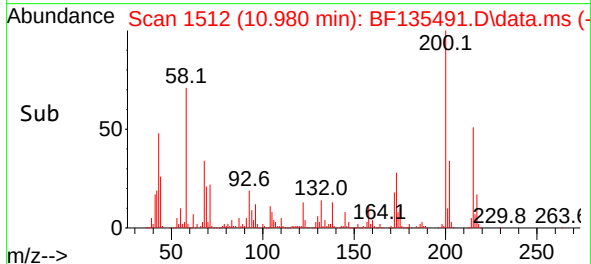
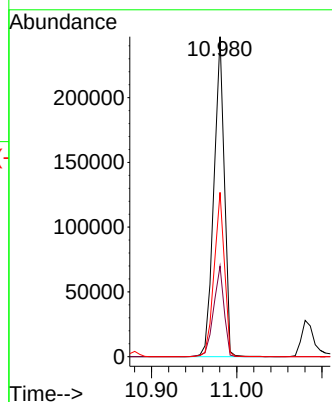
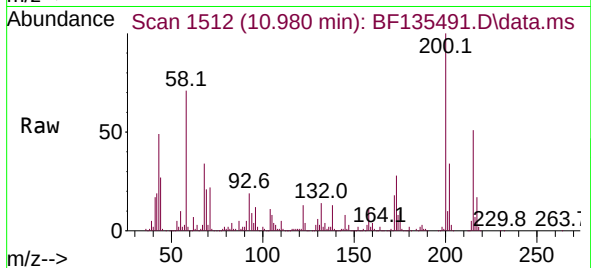
Tgt Ion:200 Resp: 211387

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 51.4 28.6 68.6



#70

Pentachlorophenol

Concen: 54.203 ng

RT: 11.080 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

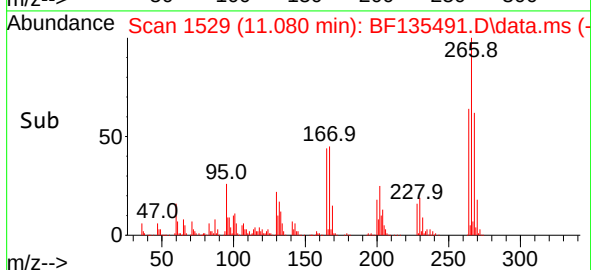
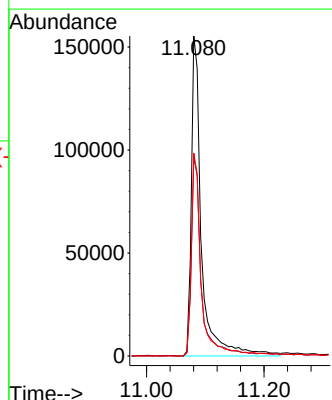
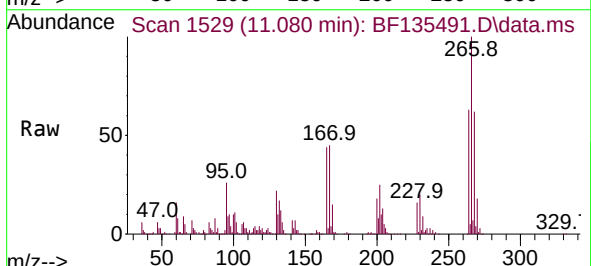
Tgt Ion:266 Resp: 186663

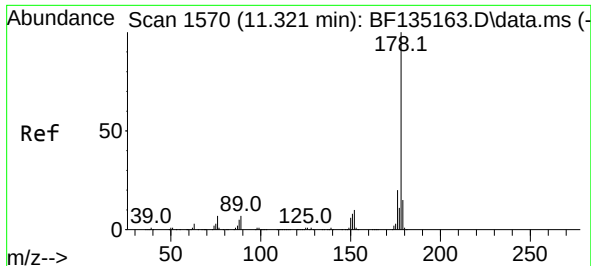
Ion Ratio Lower Upper

266 100

268 62.2 52.1 78.1

264 63.4 50.8 76.2

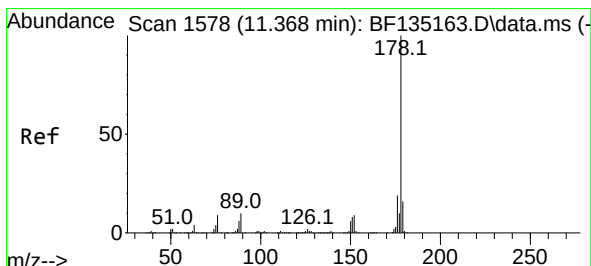
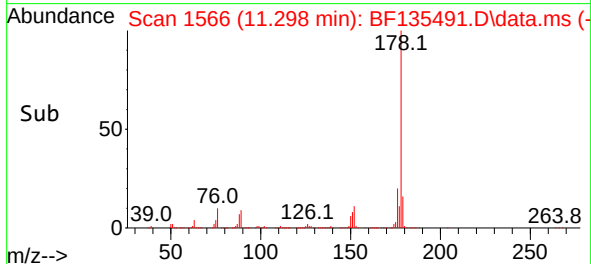
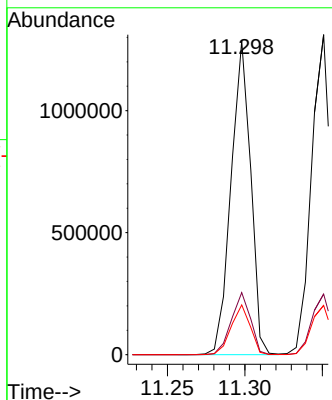
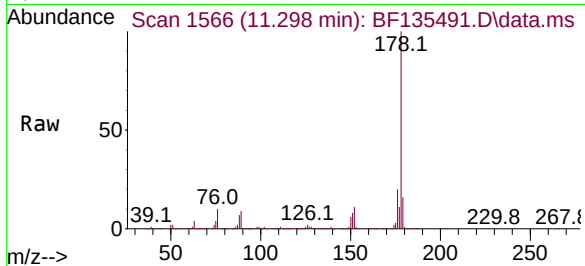




#71
Phenanthrene
Concen: 42.111 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

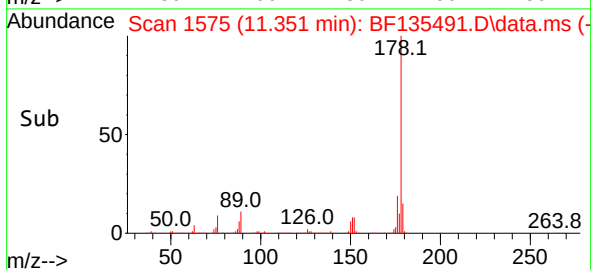
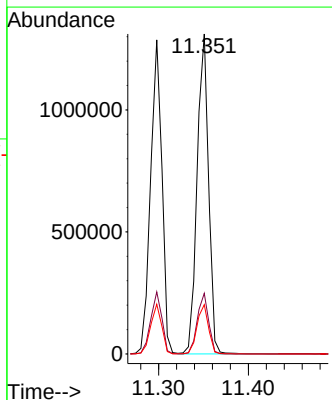
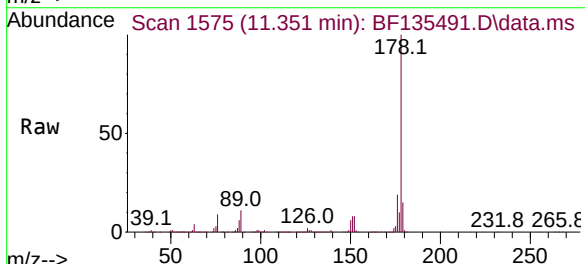
Instrument :
BNA_F
ClientSampleId :
PB155842BS

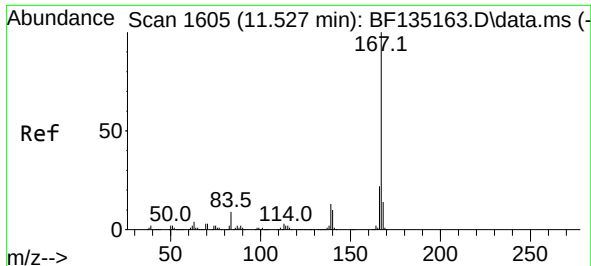
Tgt Ion:178 Resp: 1131401
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.9 12.0 18.0



#72
Anthracene
Concen: 42.023 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:178 Resp: 1160531
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.6 19.0

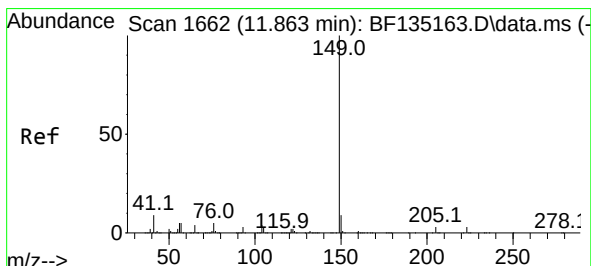
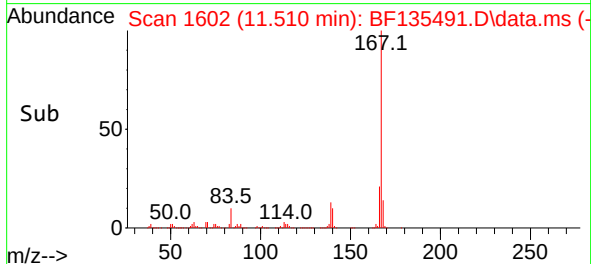
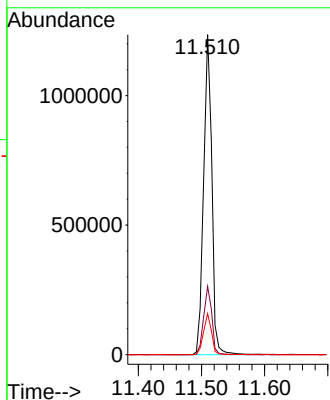
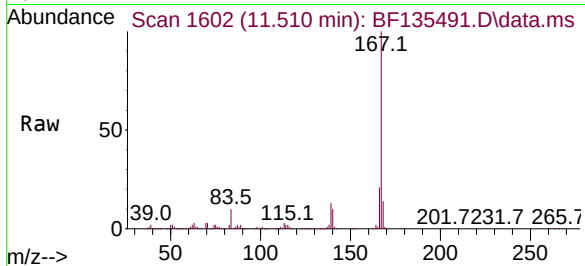




#73
Carbazole
Concen: 44.496 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

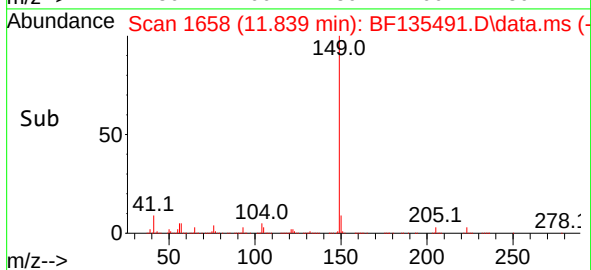
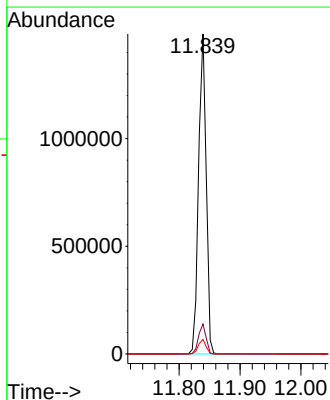
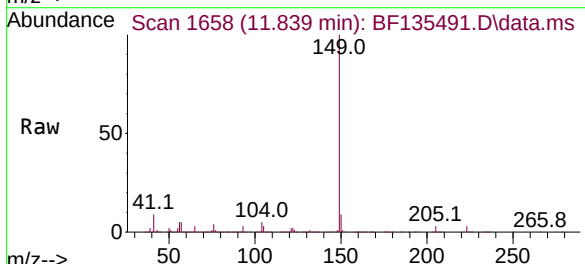
Instrument :
BNA_F
ClientSampleId :
PB155842BS

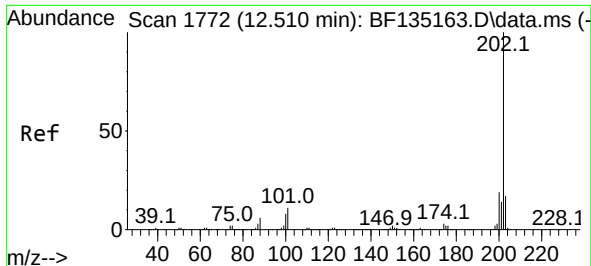
Tgt Ion:167 Resp: 1118630
Ion Ratio Lower Upper
167 100
166 21.4 17.4 26.0
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 43.332 ng
RT: 11.839 min Scan# 1658
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:149 Resp: 1283650
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.6 3.6 5.4

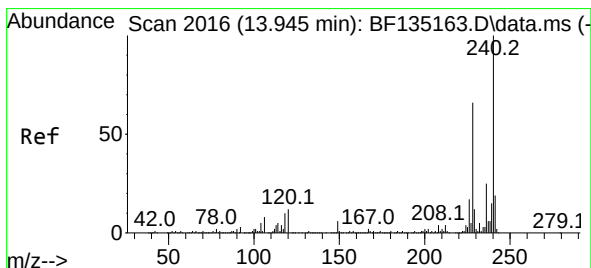
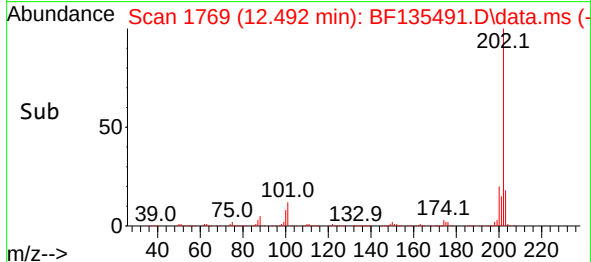
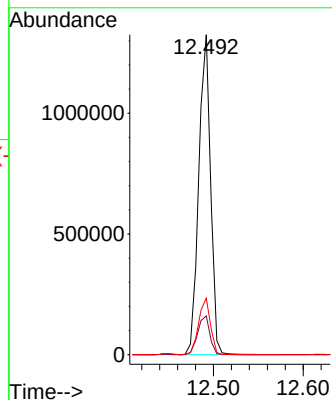
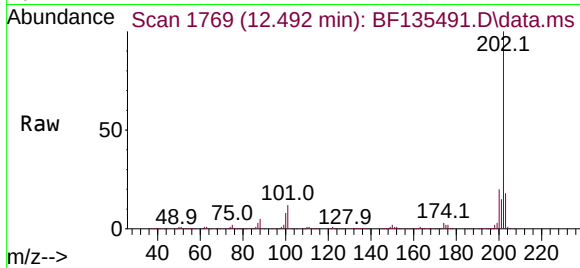




#75
Fluoranthene
Concen: 43.259 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

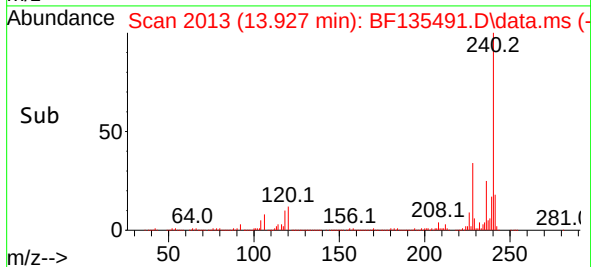
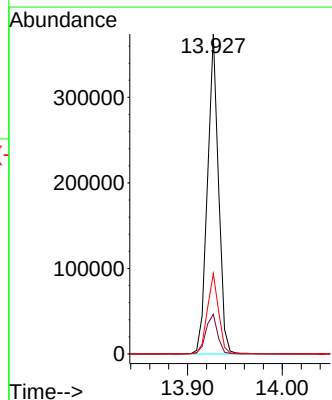
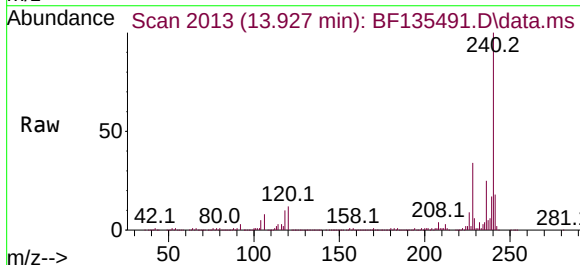
Instrument :
BNA_F
ClientSampleId :
PB155842BS

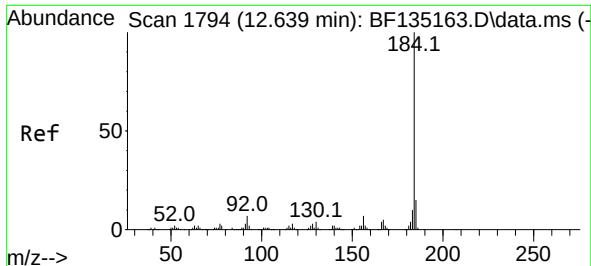
Tgt Ion:202 Resp: 1211061
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:240 Resp: 301717
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.1 19.8 29.8

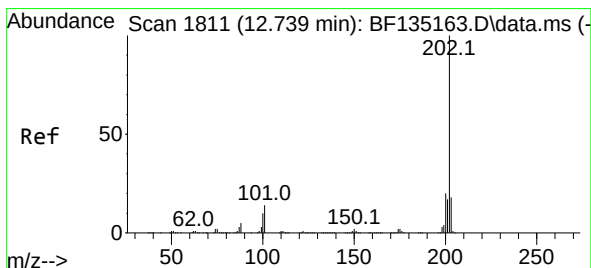
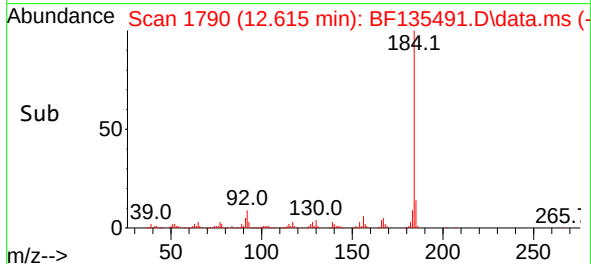
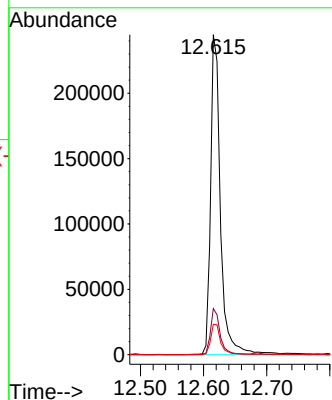
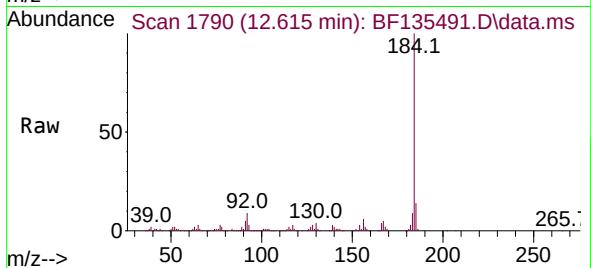




#77
Benzidine
Concen: 42.784 ng
RT: 12.615 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

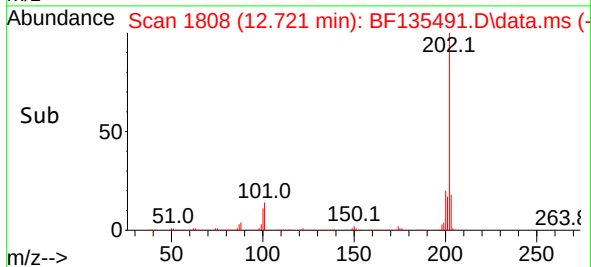
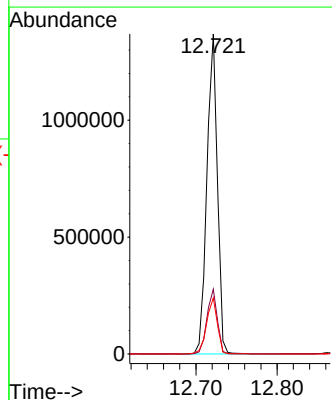
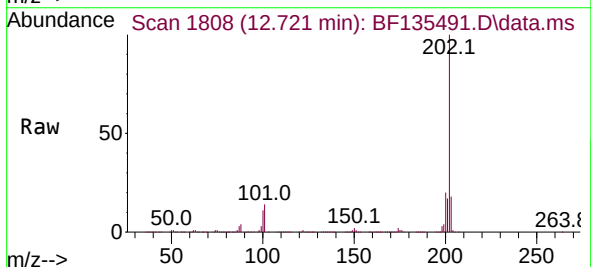
Instrument :
BNA_F
ClientSampleId :
PB155842BS

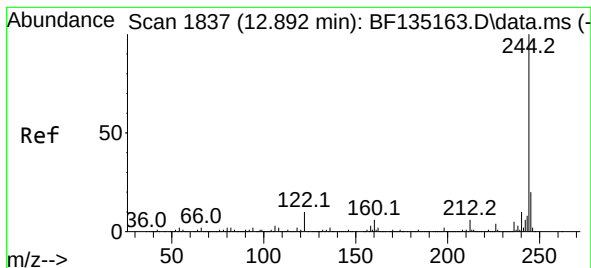
Tgt Ion:184 Resp: 264455
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 9.5 8.2 12.4



#78
Pyrene
Concen: 42.448 ng
RT: 12.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:202 Resp: 1219357
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 73.319 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.000 min

Lab File: BF135491.D

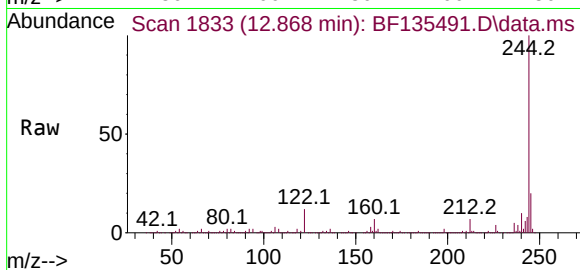
Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS



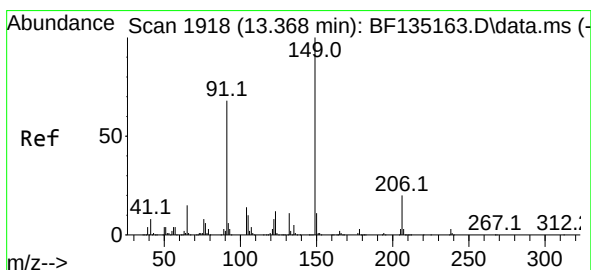
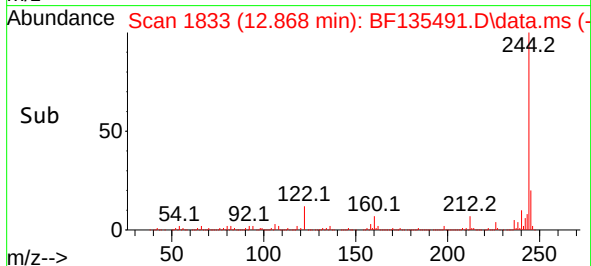
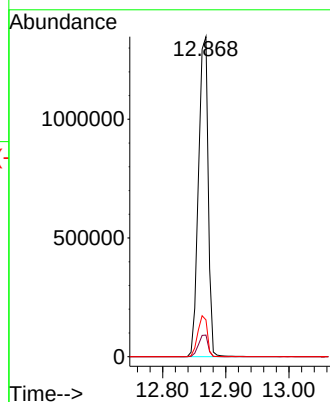
Tgt Ion:244 Resp: 1427013

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 46.915 ng

RT: 13.345 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

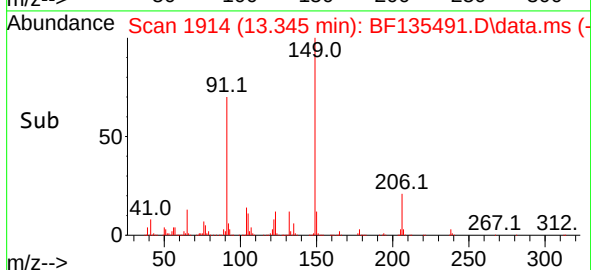
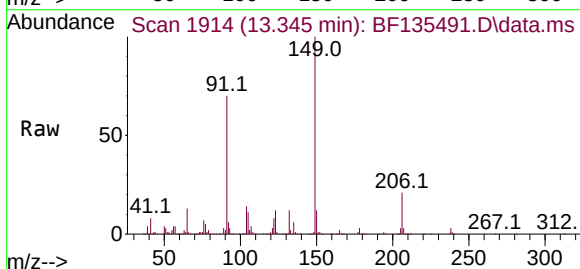
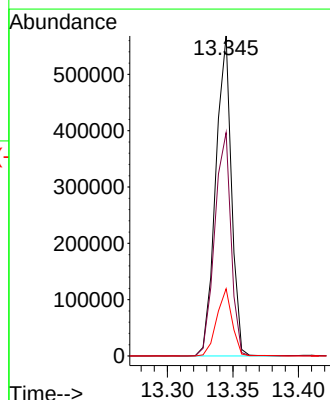
Tgt Ion:149 Resp: 474493

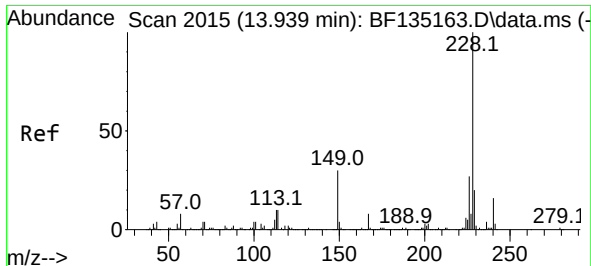
Ion Ratio Lower Upper

149 100

91 69.8 54.7 82.1

206 21.0 16.3 24.5

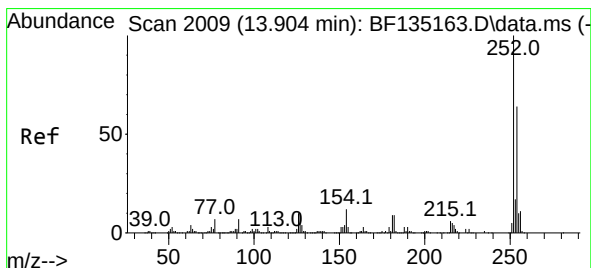
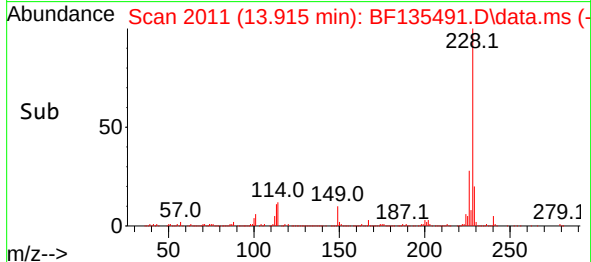
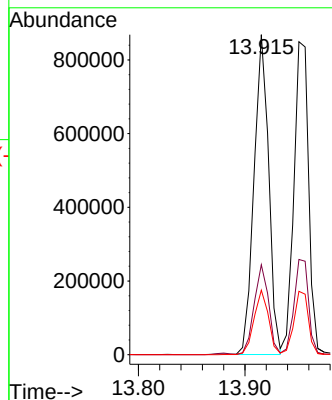
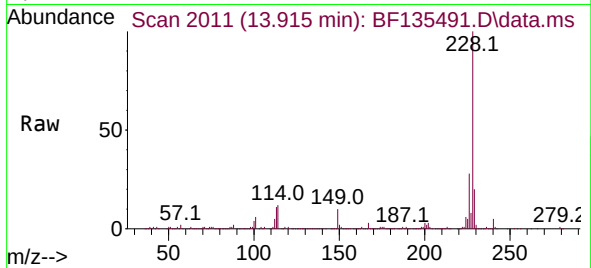




#81
Benzo(a)anthracene
Concen: 42.658 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

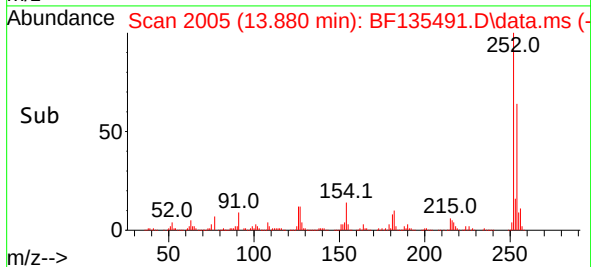
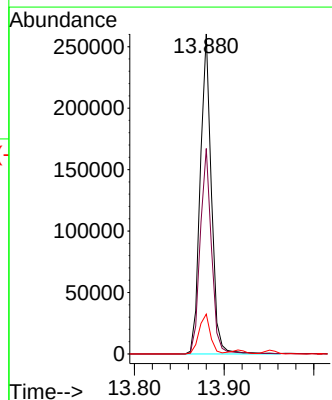
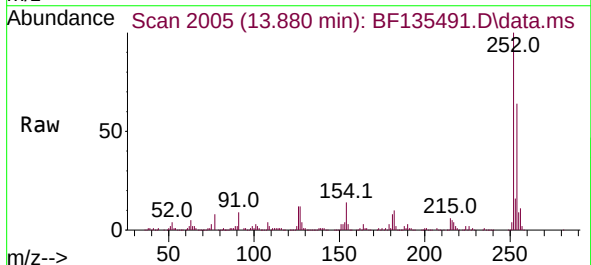
Instrument :
BNA_F
ClientSampleId :
PB155842BS

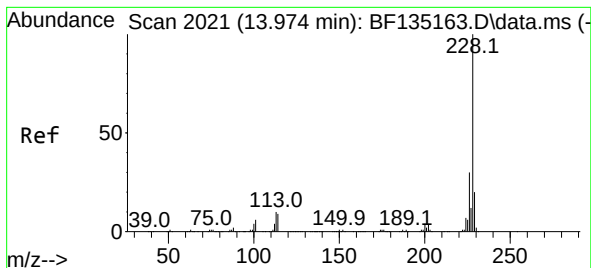
Tgt Ion:228 Resp: 831096
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 36.879 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:252 Resp: 224427
Ion Ratio Lower Upper
252 100
254 64.2 51.0 76.4
126 12.5 7.8 11.8#





#83

Chrysene

Concen: 42.199 ng

RT: 13.951 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

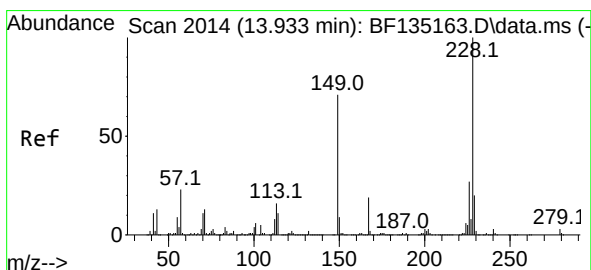
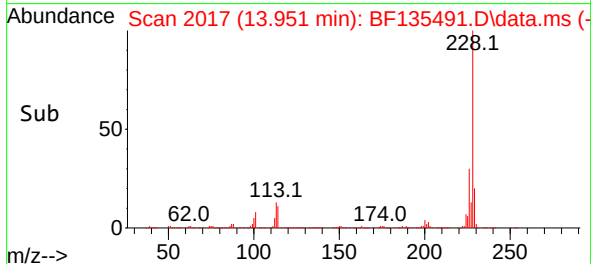
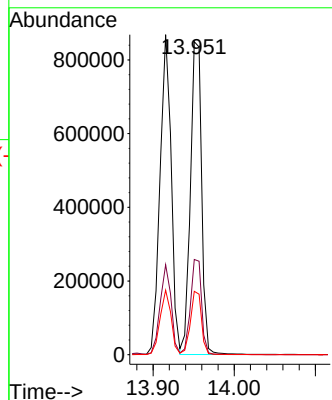
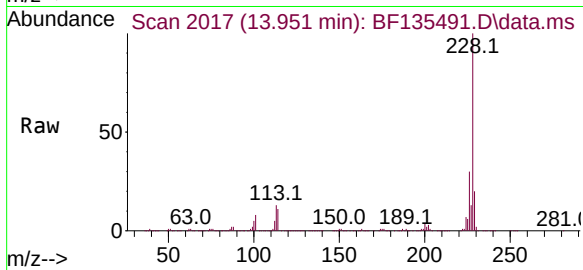
Tgt Ion:228 Resp: 817415

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 20.3 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.114 ng

RT: 13.904 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

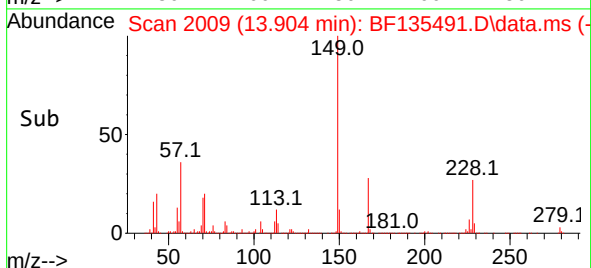
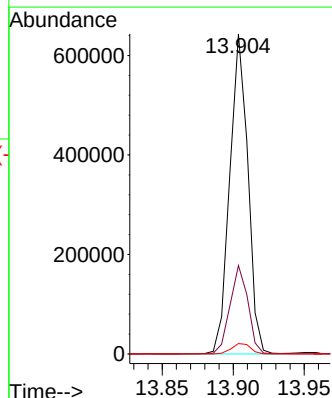
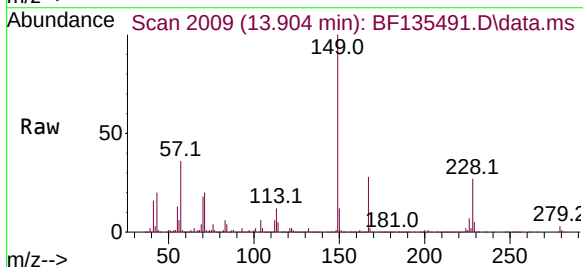
Tgt Ion:149 Resp: 572011

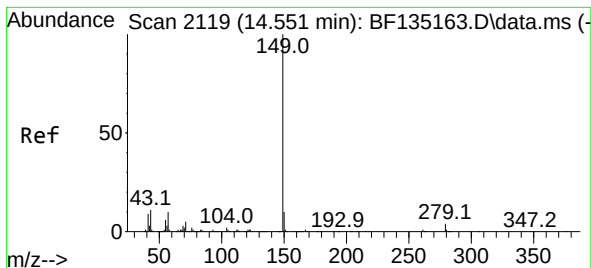
Ion Ratio Lower Upper

149 100

167 27.7 21.9 32.9

279 3.3 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 51.465 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

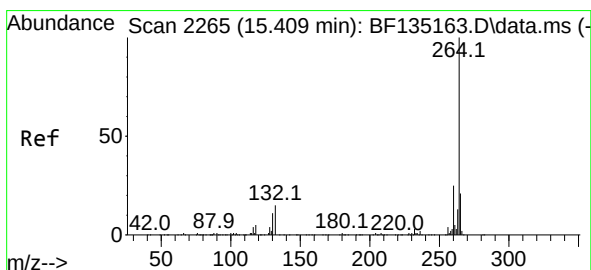
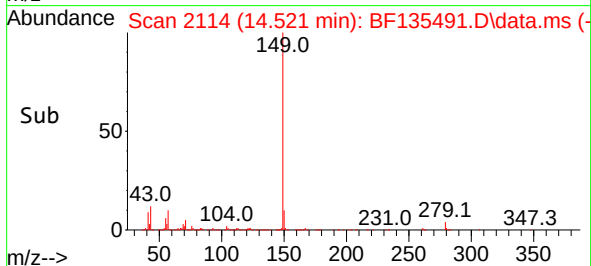
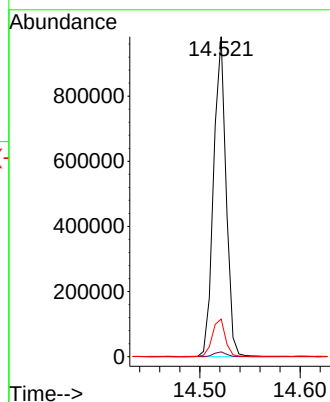
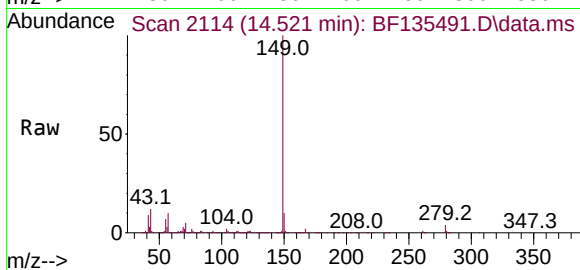
Tgt Ion:149 Resp: 848837

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 12.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

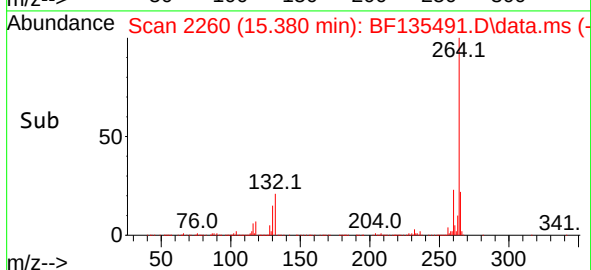
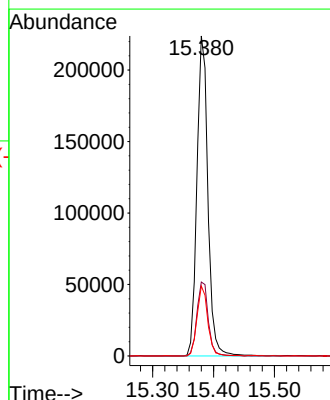
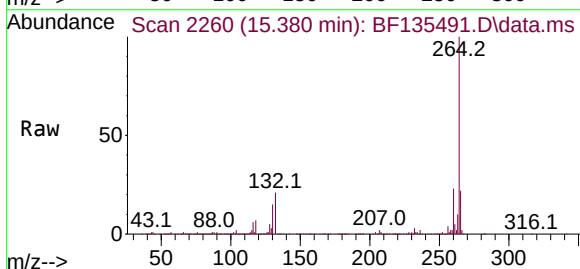
Tgt Ion:264 Resp: 280088

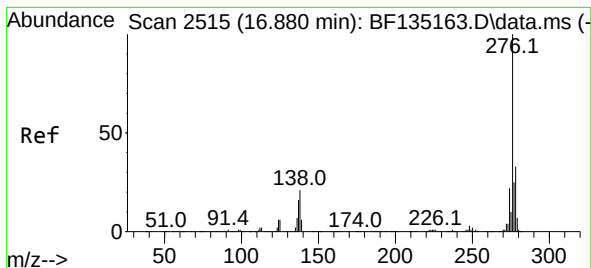
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.737 ng

RT: 16.856 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

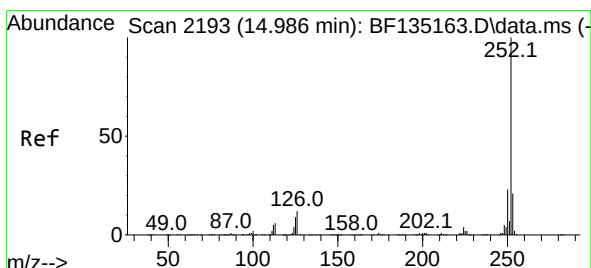
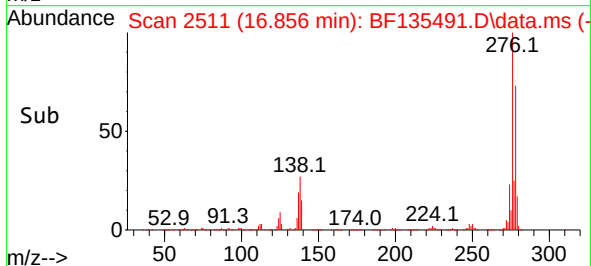
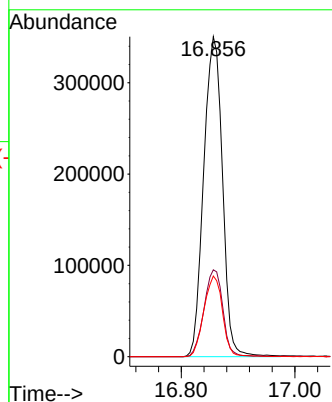
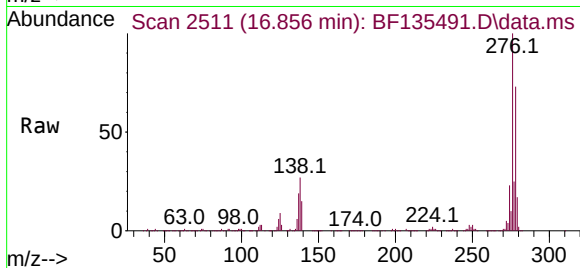
Tgt Ion:276 Resp: 803204

Ion Ratio Lower Upper

276 100

138 27.1 19.2 28.8

277 25.1 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 47.212 ng

RT: 14.962 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

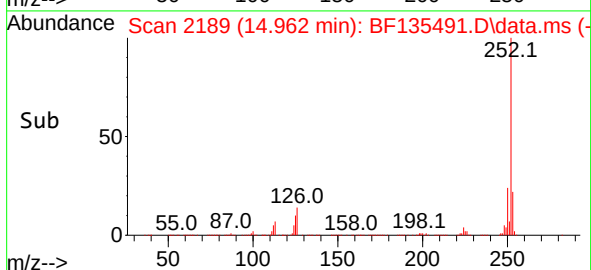
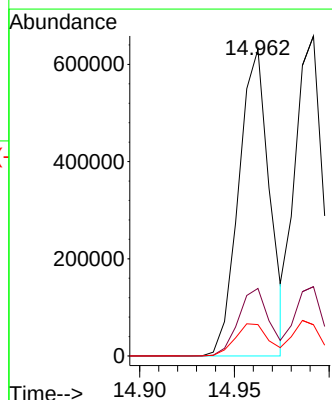
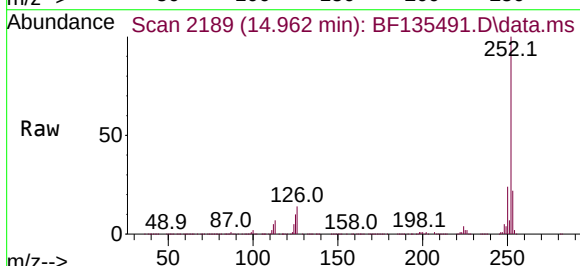
Tgt Ion:252 Resp: 715843

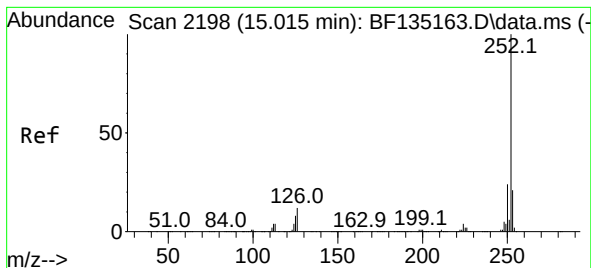
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 10.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 45.465 ng

RT: 14.992 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

Instrument :

BNA_F

ClientSampleId :

PB155842BS

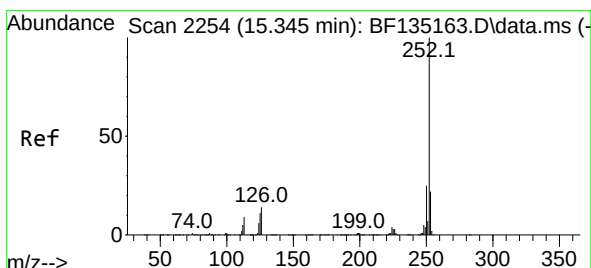
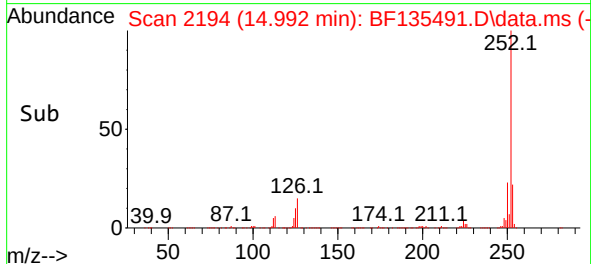
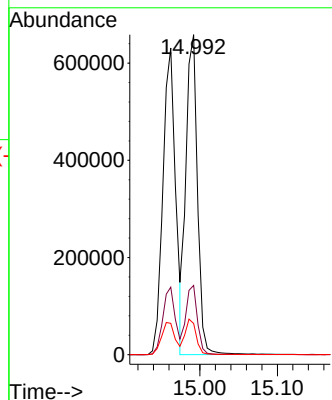
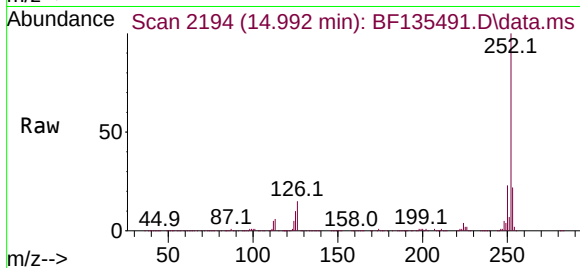
Tgt Ion:252 Resp: 680949

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 43.614 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BF135491.D

Acq: 28 Sep 2023 13:57

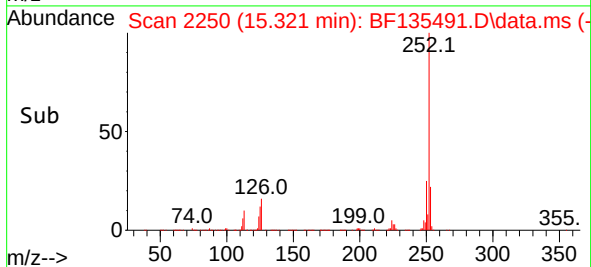
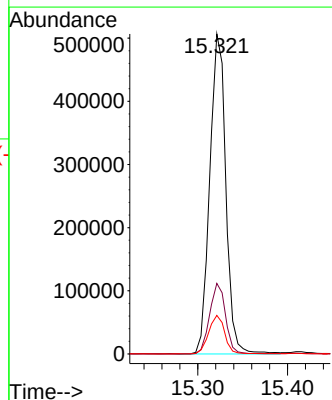
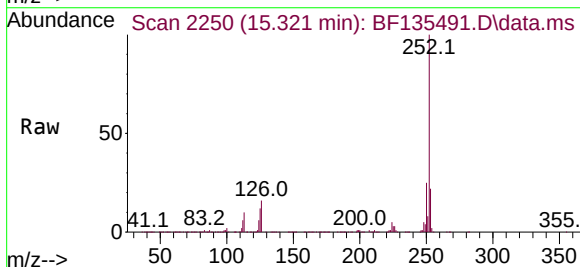
Tgt Ion:252 Resp: 630619

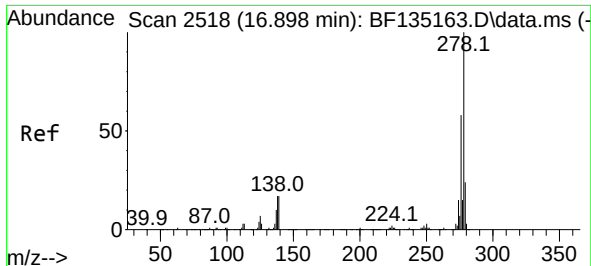
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.0 9.2 13.8

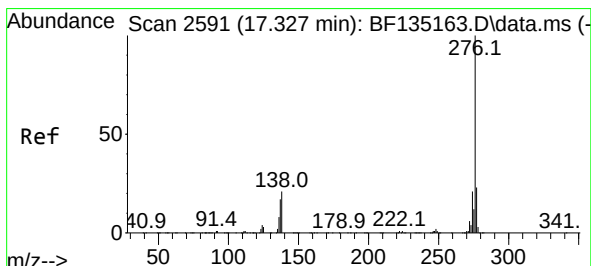
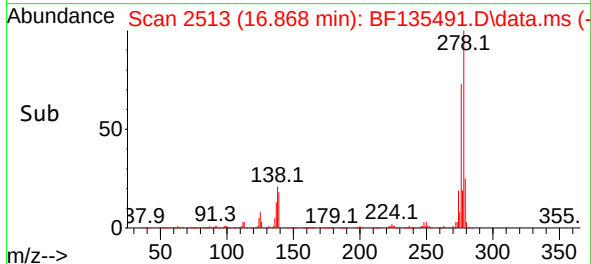
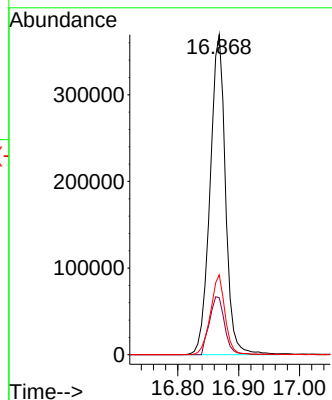
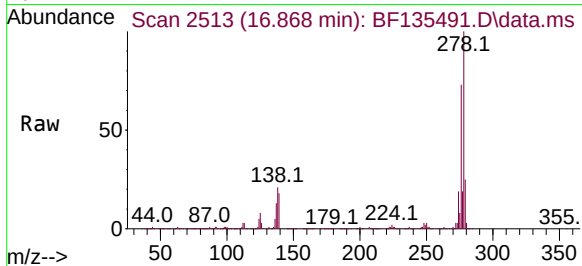




#91
Dibenzo(a,h)anthracene
Concen: 43.346 ng
RT: 16.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Instrument :
BNA_F
ClientSampleId :
PB155842BS

Tgt Ion:278 Resp: 651313
Ion Ratio Lower Upper
278 100
139 17.8 13.4 20.0
279 25.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.626 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.000 min
Lab File: BF135491.D
Acq: 28 Sep 2023 13:57

Tgt Ion:276 Resp: 684611
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 25.1 16.9 25.3

