

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135772.D
 Acq On : 16 Oct 2023 12:39
 Operator : CG\JU
 Sample : PB156084BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156084BS

Quant Time: Oct 17 01:29:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	140991	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	574089	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	299031	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	579506	20.000	ng	0.00
76) Chrysene-d12	13.951	240	343192	20.000	ng	0.00
86) Perylene-d12	15.421	264	295105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1120861	127.814	ng	0.02
7) Phenol-d6	6.404	99	1372773	125.460	ng	0.00
23) Nitrobenzene-d5	7.316	82	924366	88.557	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	404376	140.925	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1600583	83.688	ng	0.00
79) Terphenyl-d14	12.880	244	1791863	96.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	138999	32.861	ng	100
3) Pyridine	3.346	79	330623	31.857	ng	99
4) n-Nitrosodimethylamine	3.287	42	254434	45.587	ng	97
6) Aniline	6.410	93	443459	32.205	ng	# 82
8) 2-Chlorophenol	6.534	128	445169	47.074	ng	98
9) Benzaldehyde	6.298	77	83695	13.439	ng	99
10) Phenol	6.416	94	515639	44.975	ng	86
11) bis(2-Chloroethyl)ether	6.487	93	417929	45.240	ng	99
12) 1,3-Dichlorobenzene	6.681	146	421325	43.947	ng	99
13) 1,4-Dichlorobenzene	6.757	146	433849	44.671	ng	99
14) 1,2-Dichlorobenzene	6.910	146	395050	45.176	ng	99
15) Benzyl Alcohol	6.904	79	355861	48.913	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	749417	44.855	ng	85
17) 2-Methylphenol	7.016	107	351866	42.981	ng	96
18) Hexachloroethane	7.245	117	165618	47.032	ng	99
19) n-Nitroso-di-n-propyla...	7.169	70	294041	43.462	ng	99
20) 3+4-Methylphenols	7.169	107	433405	42.467	ng	# 83
22) Acetophenone	7.163	105	593920	45.109	ng	97
24) Nitrobenzene	7.340	77	469244	44.792	ng	95
25) Isophorone	7.569	82	916704	46.551	ng	99
26) 2-Nitrophenol	7.645	139	252469	49.383	ng	99
27) 2,4-Dimethylphenol	7.693	122	364135	43.266	ng	97
28) bis(2-Chloroethoxy)met...	7.781	93	556039	47.414	ng	99
29) 2,4-Dichlorophenol	7.898	162	384145	48.705	ng	98
30) 1,2,4-Trichlorobenzene	7.969	180	377986	46.857	ng	100
31) Naphthalene	8.045	128	1245322	44.473	ng	98
32) Benzoic acid	7.875	122	312668	54.883	ng	95
33) 4-Chloroaniline	8.104	127	301998	24.689	ng	98
34) Hexachlorobutadiene	8.151	225	222394	46.576	ng	99
35) Caprolactam	8.504	113	86173	31.960	ng	89
36) 4-Chloro-3-methylphenol	8.610	107	434956	49.728	ng	99
37) 2-Methylnaphthalene	8.739	142	792132	42.937	ng	99
38) 1-Methylnaphthalene	8.839	142	755327	44.389	ng	97
40) 1,2,4,5-Tetrachloroben...	8.910	216	384404	44.689	ng	99
41) Hexachlorocyclopentadiene	8.887	237	194677	94.239	ng	94
43) 2,4,6-Trichlorophenol	9.028	196	262138	47.291	ng	98

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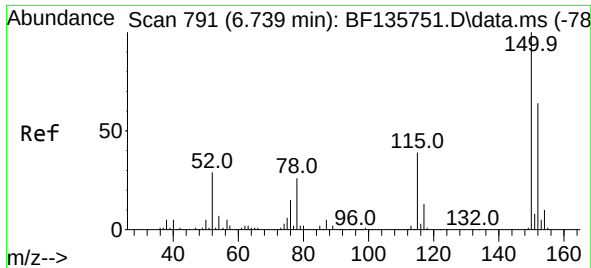
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	278303	43.167	ng	95
46) 1,1'-Biphenyl	9.210	154	1017155	44.405	ng	98
47) 2-Chloronaphthalene	9.234	162	767951	46.519	ng	99
48) 2-Nitroaniline	9.345	65	306121	46.978	ng	98
49) Acenaphthylene	9.645	152	1253639	45.888	ng	99
50) Dimethylphthalate	9.516	163	946603	46.893	ng	99
51) 2,6-Dinitrotoluene	9.592	165	208904	48.123	ng	# 81
52) Acenaphthene	9.822	154	741778	45.300	ng	99
53) 3-Nitroaniline	9.763	138	189074	35.530	ng	100
54) 2,4-Dinitrophenol	9.886	184	229471	126.635	ng	95
55) Dibenzofuran	9.992	168	1088656	44.062	ng	98
56) 4-Nitrophenol	9.951	139	239343	96.917	ng	94
57) 2,4-Dinitrotoluene	10.004	165	262489	47.529	ng	91
58) Fluorene	10.339	166	873907	45.180	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.122	232	235849	48.407	ng	98
60) Diethylphthalate	10.222	149	942535	45.736	ng	100
61) 4-Chlorophenyl-phenyle...	10.328	204	420918	45.025	ng	97
62) 4-Nitroaniline	10.392	138	225424	46.041	ng	98
63) Azobenzene	10.492	77	928946	46.396	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	149197	51.157	ng	93
66) n-Nitrosodiphenylamine	10.457	169	817432	46.279	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	269051	46.251	ng	98
68) Hexachlorobenzene	10.892	284	290900	49.117	ng	98
69) Atrazine	10.992	200	260383	54.197	ng	96
70) Pentachlorophenol	11.098	266	260716	111.613	ng	96
71) Phenanthrene	11.310	178	1252612	45.121	ng	100
72) Anthracene	11.363	178	1274577	44.307	ng	99
73) Carbazole	11.522	167	1180133	43.987	ng	99
74) Di-n-butylphthalate	11.845	149	1475091	44.781	ng	99
75) Fluoranthene	12.504	202	1374050	44.596	ng	100
77) Benzidine	12.633	184	433457	57.881	ng	98
78) Pyrene	12.733	202	1381265	50.648	ng	99
80) Butylbenzylphthalate	13.357	149	592628	49.451	ng	96
81) Benzo(a)anthracene	13.939	228	1096106	48.625	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	294795	39.431	ng	99
83) Chrysene	13.974	228	1009436	46.233	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	822238	50.622	ng	99
85) Di-n-octyl phthalate	14.533	149	1268869	49.265	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	772082	48.016	ng	99
88) Benzo(b)fluoranthene	14.992	252	881461	53.370	ng	99
89) Benzo(k)fluoranthene	15.021	252	728107	45.408	ng	99
90) Benzo(a)pyrene	15.363	252	703106	45.272	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	640300	48.575	ng	100
92) Benzo(g,h,i)perylene	17.386	276	654017	48.302	ng	99

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

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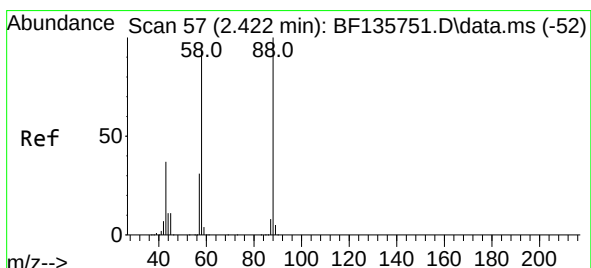
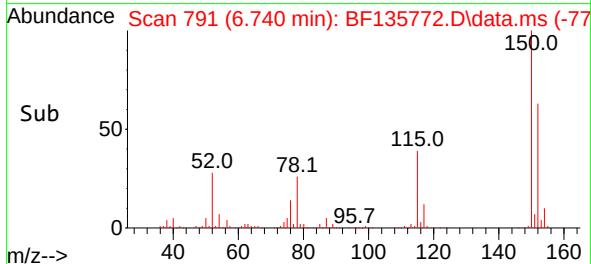
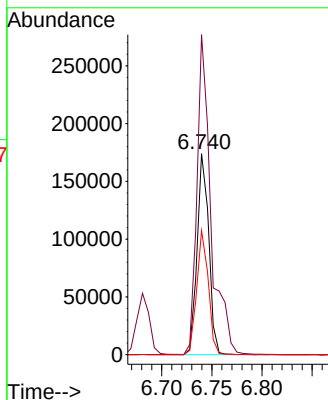
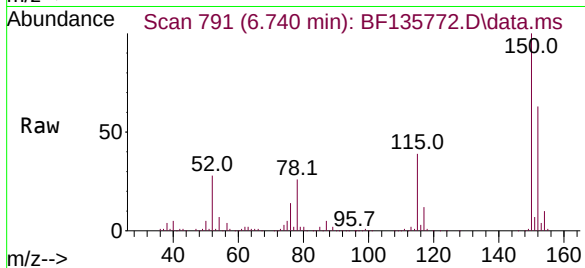




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

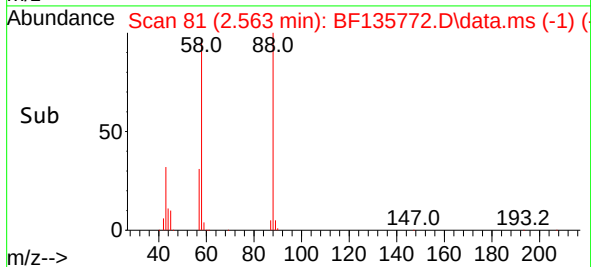
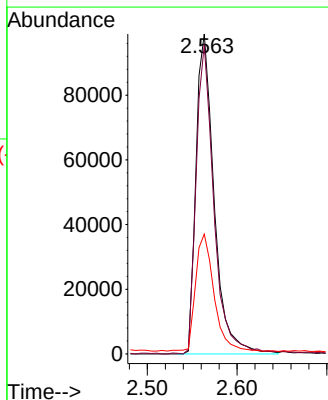
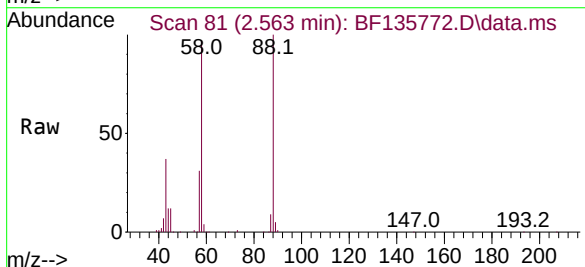
Instrument :
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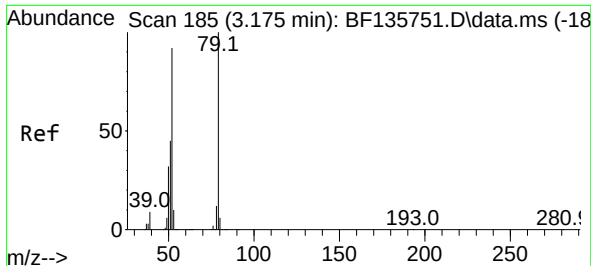
Tgt Ion:152 Resp: 140991
Ion Ratio Lower Upper
152 100
150 159.3 124.5 186.7
115 61.8 49.0 73.4



#2
1,4-Dioxane
Concen: 32.861 ng
RT: 2.563 min Scan# 81
Delta R.T. 0.124 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion: 88 Resp: 138999
Ion Ratio Lower Upper
88 100
58 95.2 76.1 114.1
43 37.5 29.8 44.8

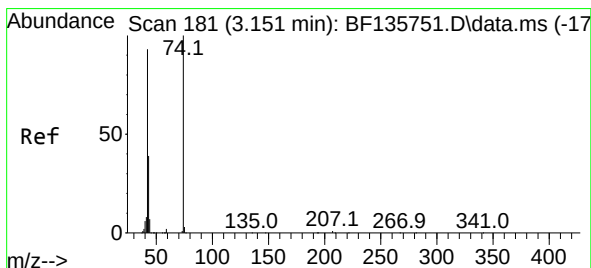
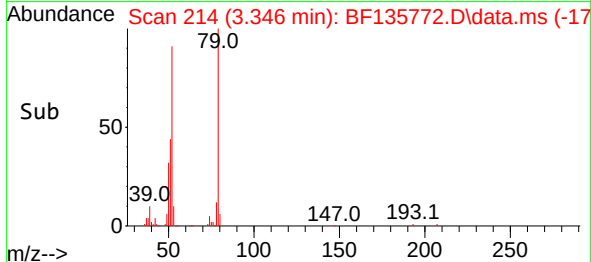
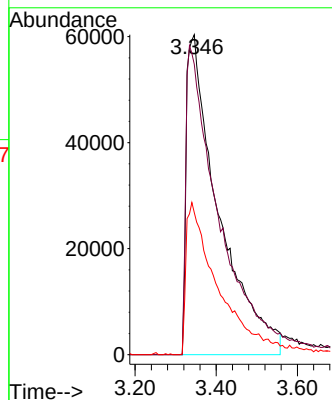
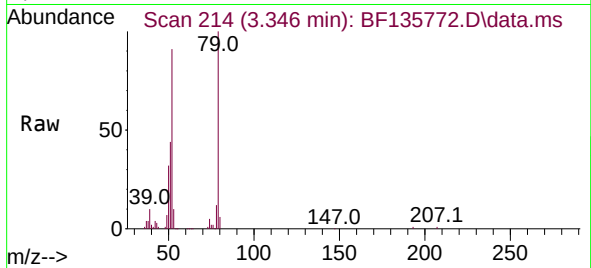




#3
 Pyridine
 Concen: 31.857 ng
 RT: 3.346 min Scan# 21
 Delta R.T. 0.159 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

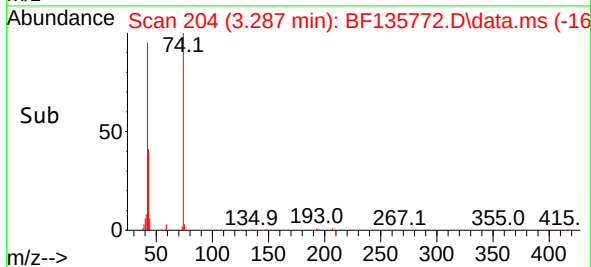
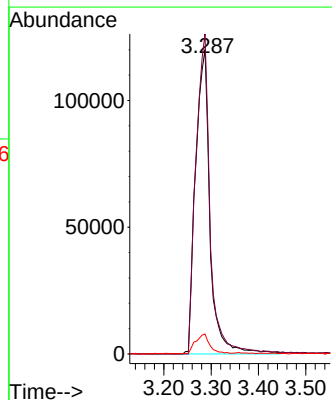
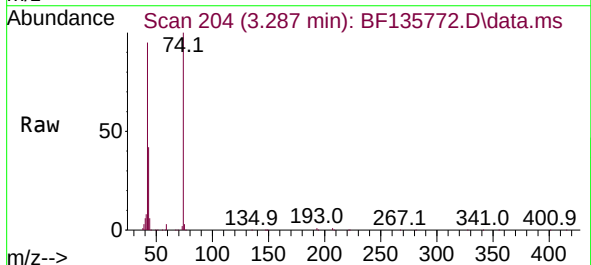
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 ClientSampleId :
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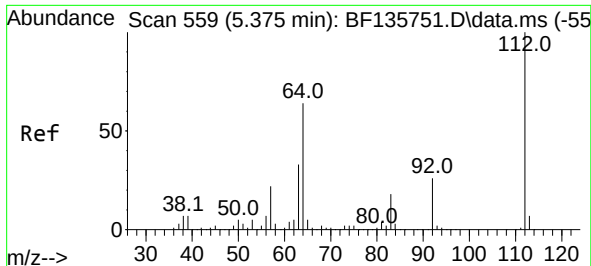
Tgt Ion: 79 Resp: 330623
 Ion Ratio Lower Upper
 79 100
 52 90.7 73.4 110.2
 51 44.4 36.5 54.7



#4
 n-Nitrosodimethylamine
 Concen: 45.587 ng
 RT: 3.287 min Scan# 204
 Delta R.T. 0.118 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

Tgt Ion: 42 Resp: 254434
 Ion Ratio Lower Upper
 42 100
 74 105.1 86.5 129.7
 44 6.6 5.9 8.9

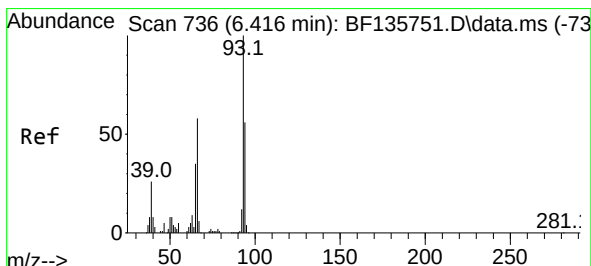
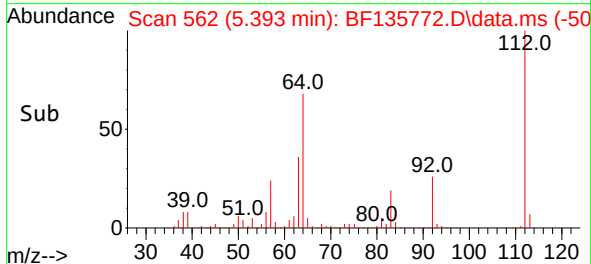
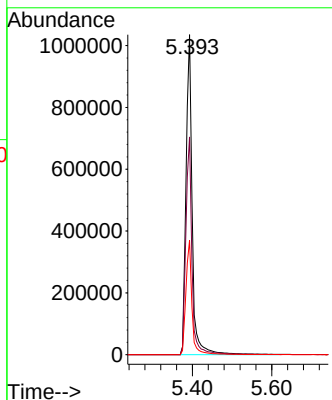
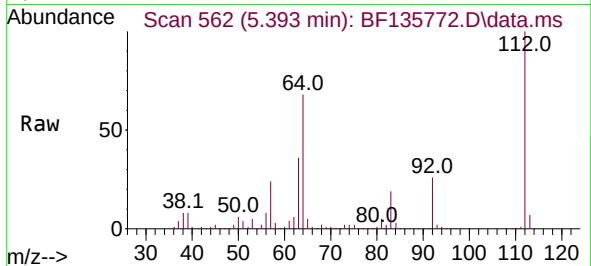




#5
2-Fluorophenol
Concen: 127.814 ng
RT: 5.393 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

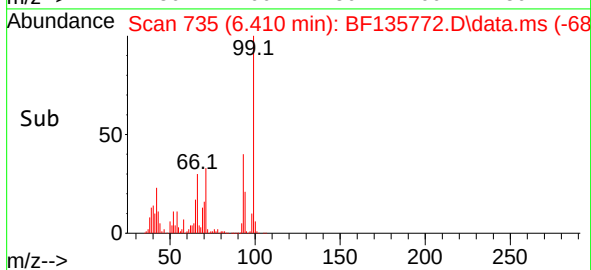
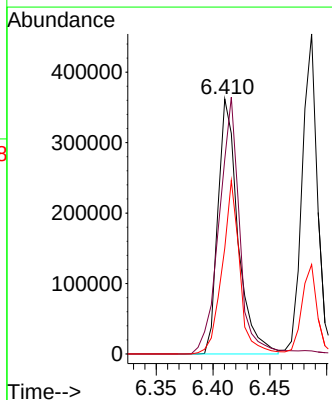
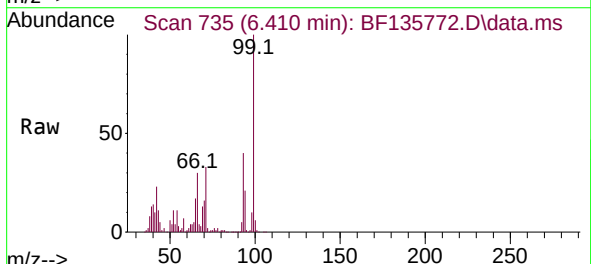
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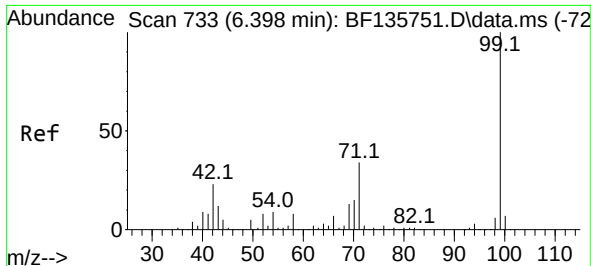
Tgt Ion:112 Resp: 1120861
Ion Ratio Lower Upper
112 100
64 68.1 51.2 76.8
63 35.7 26.1 39.1



#6
Aniline
Concen: 32.205 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion: 93 Resp: 443459
Ion Ratio Lower Upper
93 100
66 76.3 47.6 71.4#
65 41.5 28.5 42.7

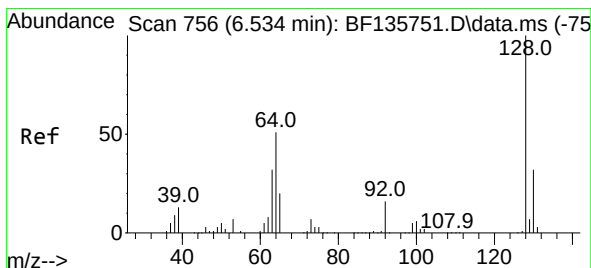
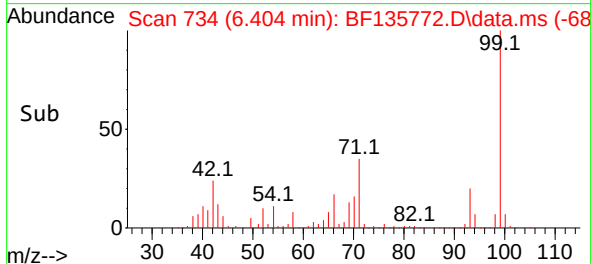
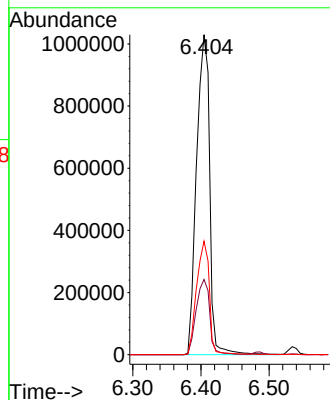
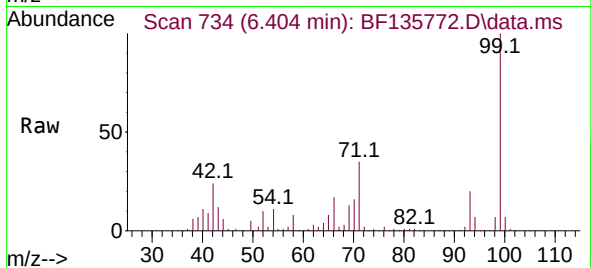




#7
Phenol-d6
Concen: 125.460 ng
RT: 6.404 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

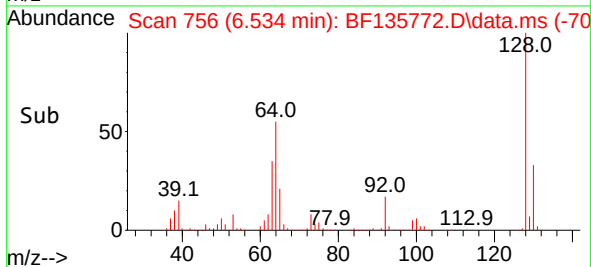
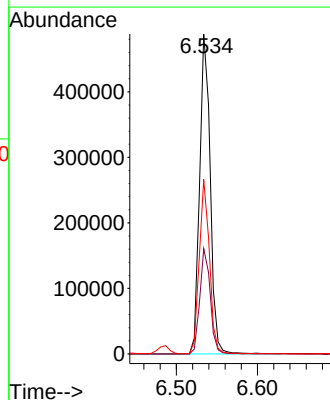
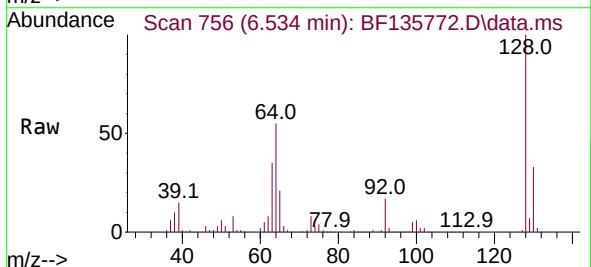
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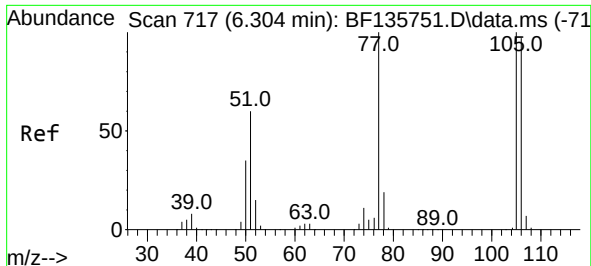
Tgt Ion: 99 Resp: 1372773
Ion Ratio Lower Upper
99 100
42 23.5 18.4 27.6
71 35.4 27.2 40.8



#8
2-Chlorophenol
Concen: 47.074 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
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Tgt Ion:128 Resp: 445169
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 54.6 32.3 72.3

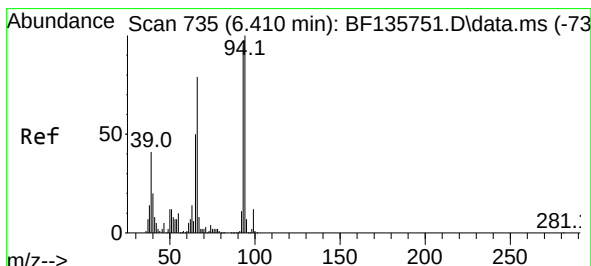
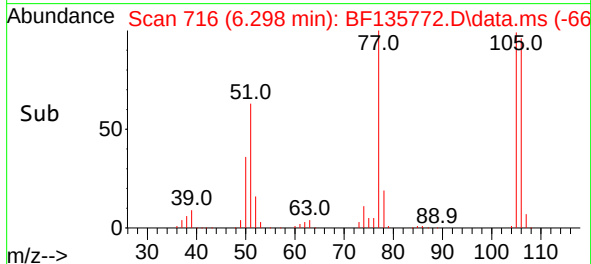
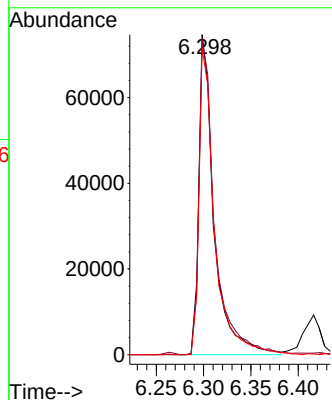
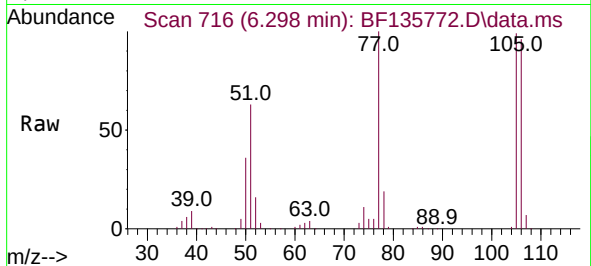




#9
Benzaldehyde
Concen: 13.439 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

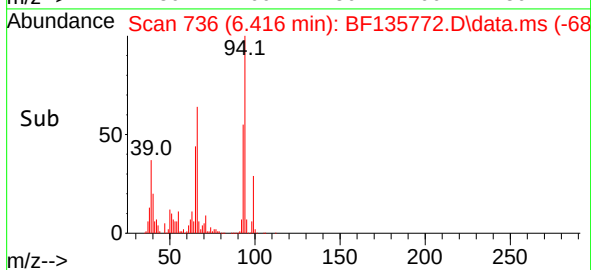
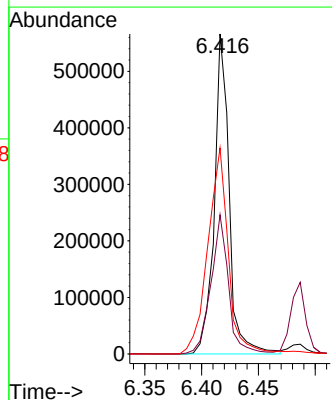
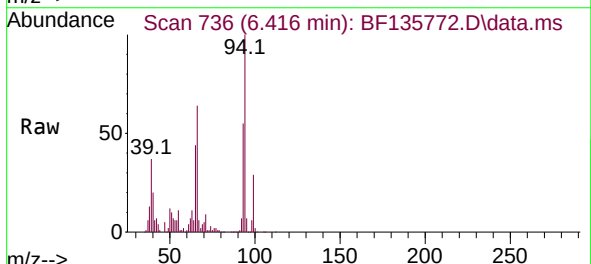
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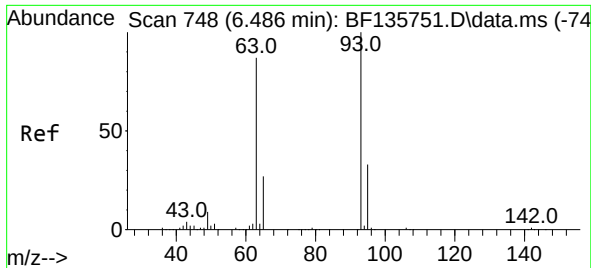
Tgt Ion: 77 Resp: 83695
Ion Ratio Lower Upper
77 100
105 98.8 79.9 119.9
106 95.9 77.1 117.1



#10
Phenol
Concen: 44.975 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion: 94 Resp: 515639
Ion Ratio Lower Upper
94 100
65 43.5 30.3 70.3
66 64.4 59.1 99.1



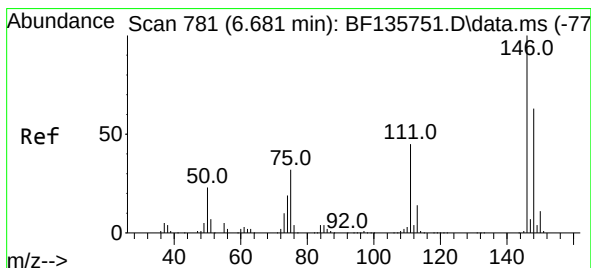
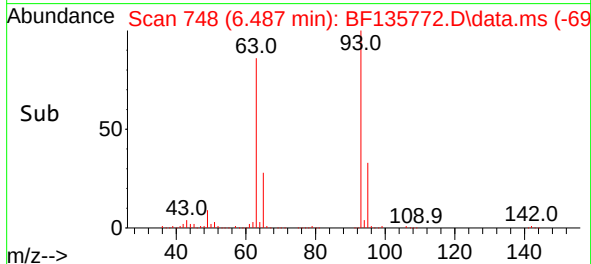
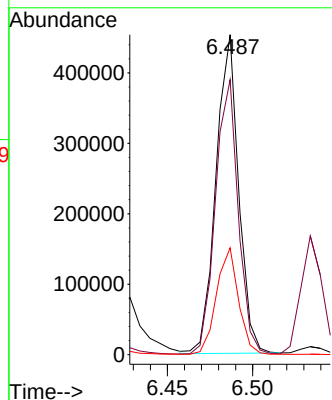
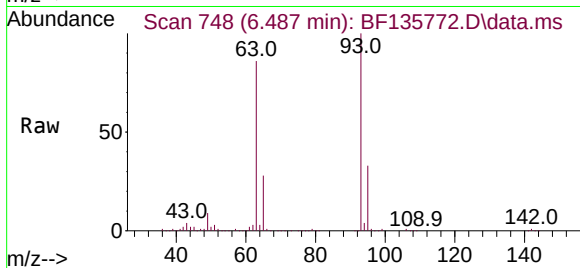


#11
bis(2-Chloroethyl)ether
Concen: 45.240 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Instrument :
BNA_F
ClientSampleId :
PB156084BS

Tgt Ion: 93 Resp: 417929

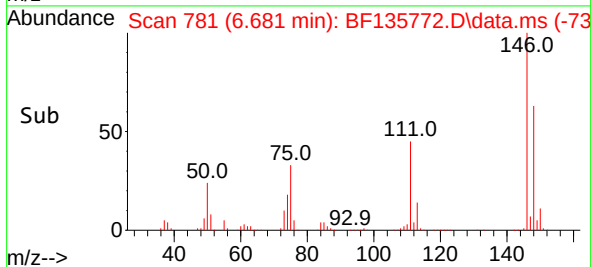
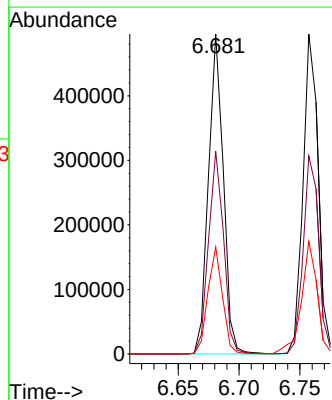
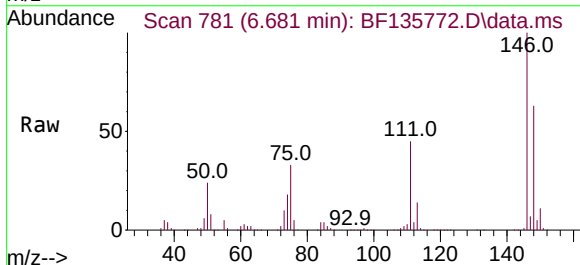
Ion	Ratio	Lower	Upper
93	100		
63	85.9	66.3	106.3
95	33.4	12.8	52.8

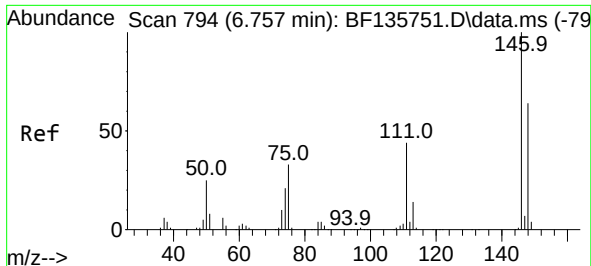


#12
1,3-Dichlorobenzene
Concen: 43.947 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion: 146 Resp: 421325

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.2	75.4
75	33.4	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 44.671 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

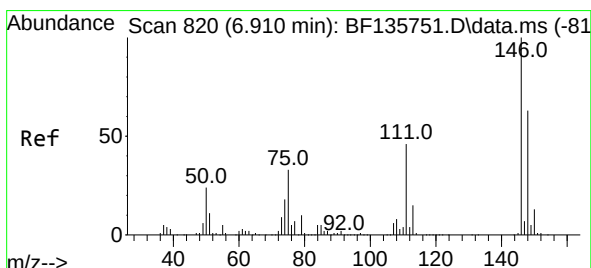
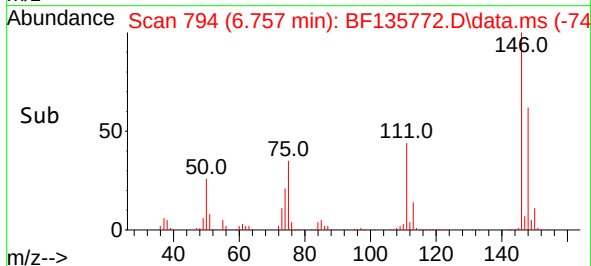
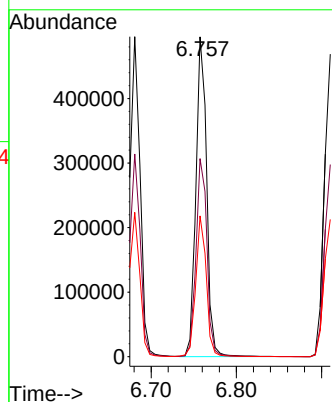
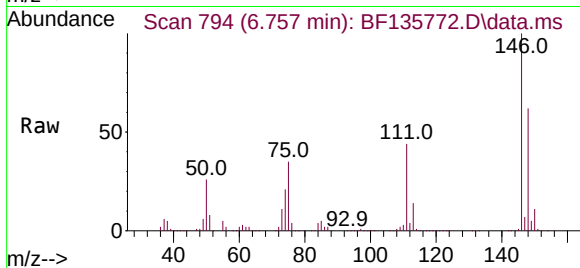
Tgt Ion:146 Resp: 433849

Ion Ratio Lower Upper

146 100

148 61.9 51.0 76.6

111 44.0 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 45.176 ng

RT: 6.910 min Scan# 820

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

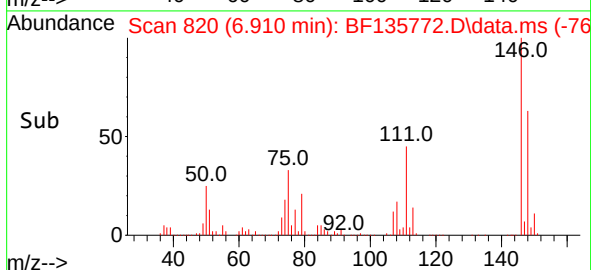
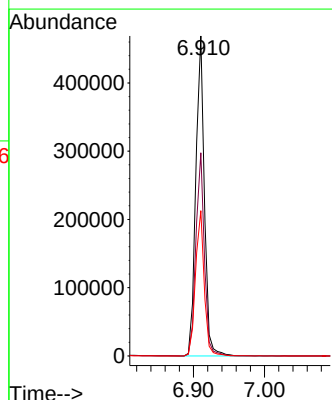
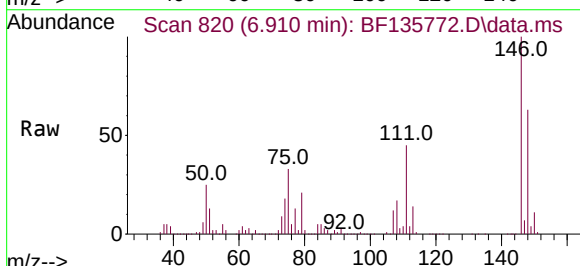
Tgt Ion:146 Resp: 395050

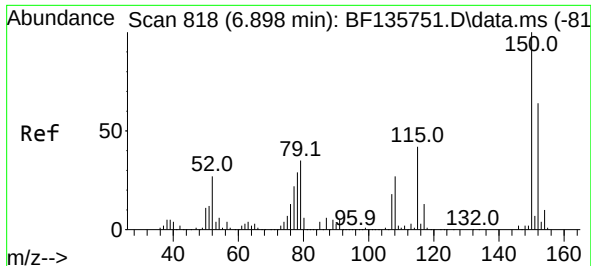
Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 45.4 37.1 55.7

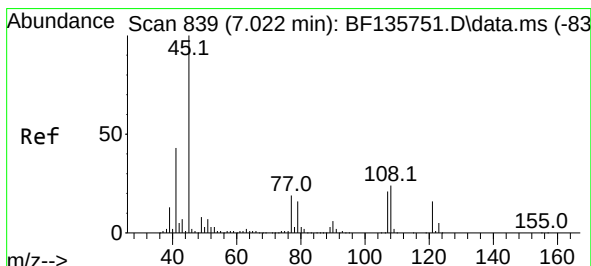
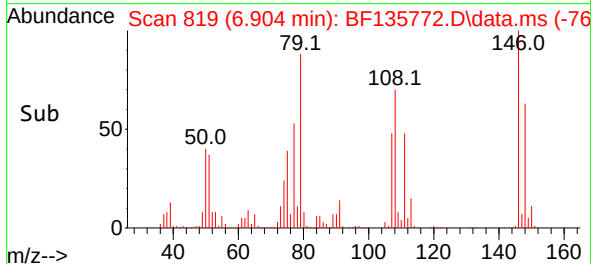
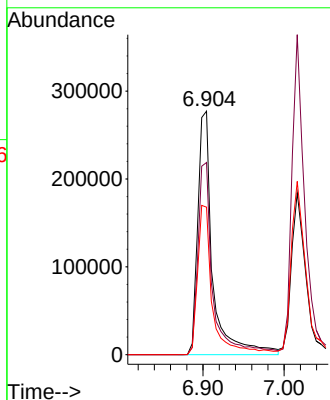
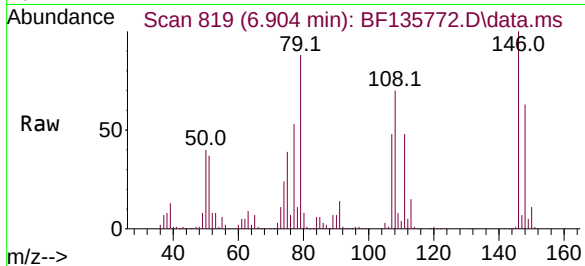




#15
Benzyl Alcohol
Concen: 48.913 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

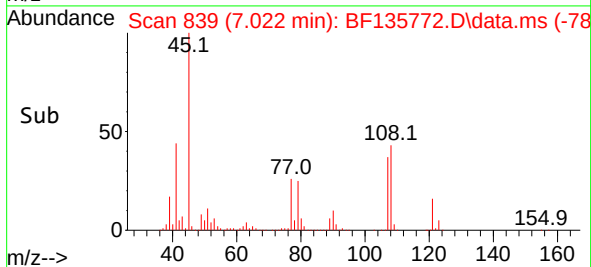
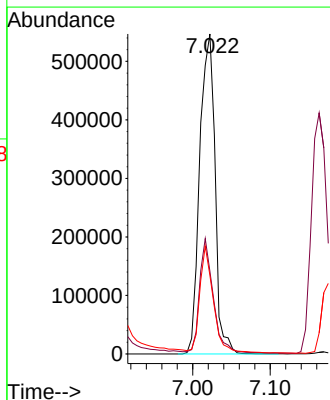
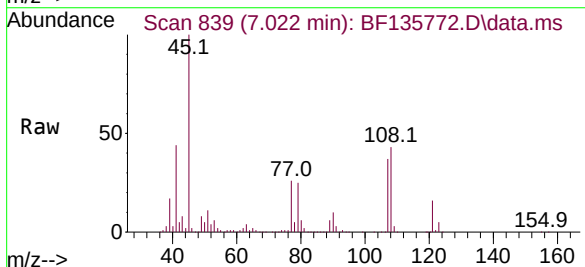
Instrument :
BNA_F
ClientSampleId :
PB156084BS

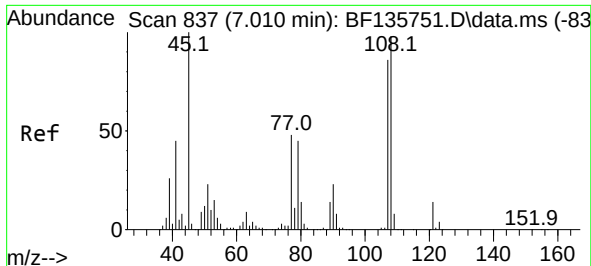
Tgt Ion: 79 Resp: 355861
Ion Ratio Lower Upper
79 100
108 78.9 62.0 93.0
77 60.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.855 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion: 45 Resp: 749417
Ion Ratio Lower Upper
45 100
77 25.9 0.0 39.8
79 24.6 0.0 37.6

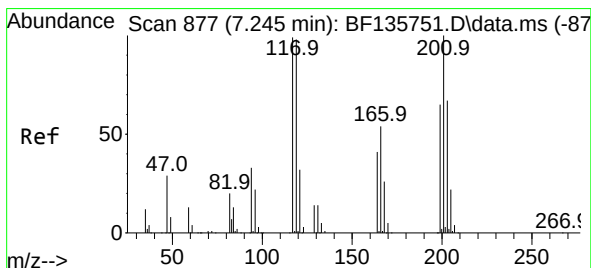
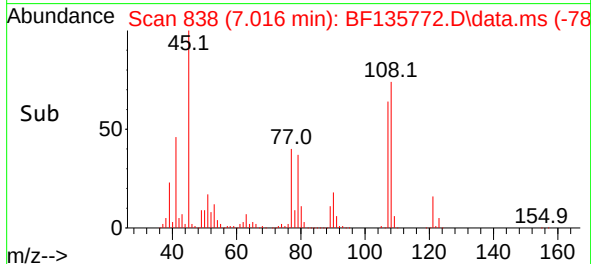
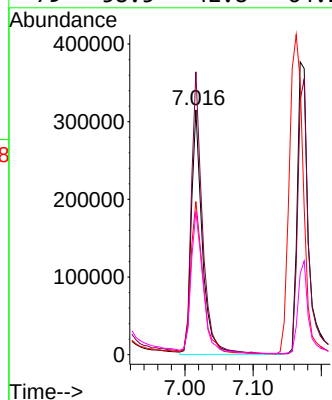
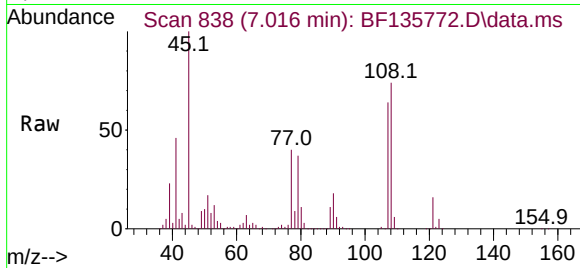




#17
2-Methylphenol
Concen: 42.981 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

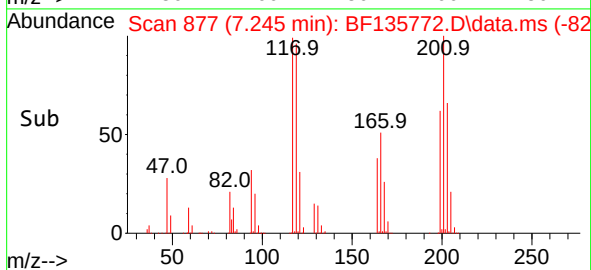
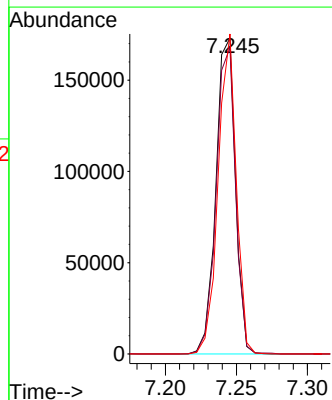
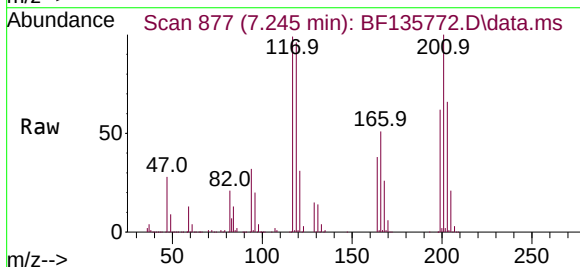
Instrument :
BNA_F
ClientSampleId :
PB156084BS

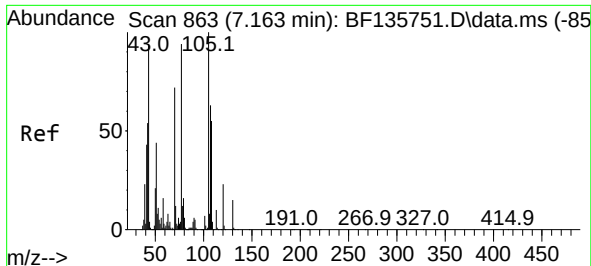
Tgt Ion:107 Resp: 351866
Ion Ratio Lower Upper
107 100
108 115.6 91.8 137.6
77 62.6 45.4 68.0
79 58.5 42.8 64.2



#18
Hexachloroethane
Concen: 47.032 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:117 Resp: 165618
Ion Ratio Lower Upper
117 100
119 97.0 79.5 119.3
201 101.3 80.9 121.3

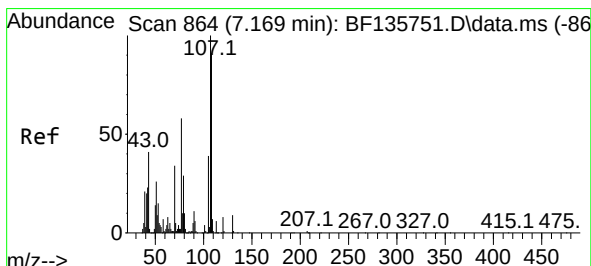
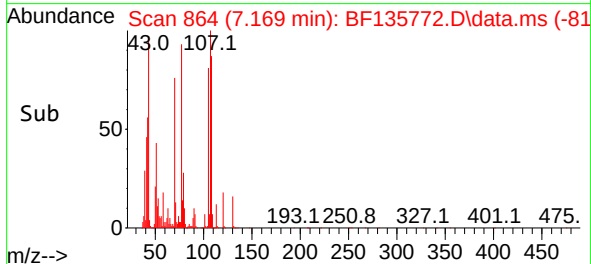
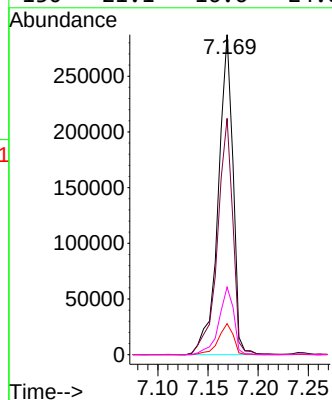
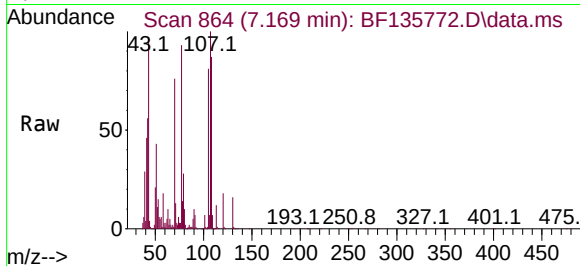




#19
n-Nitroso-di-n-propylamine
Concen: 43.462 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

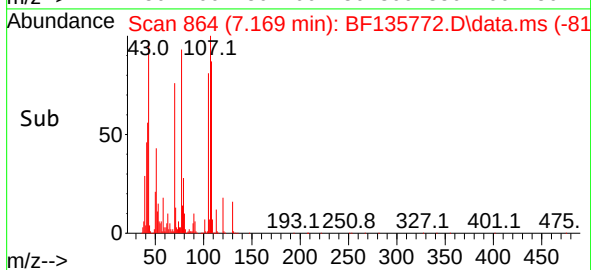
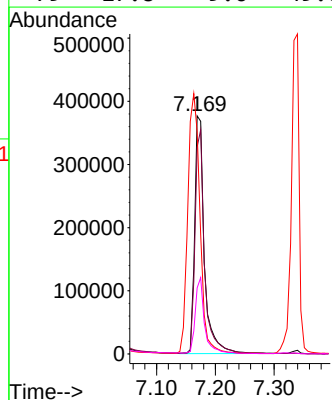
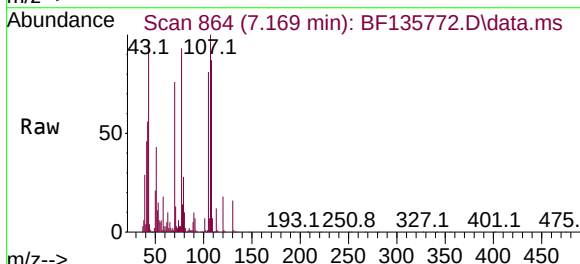
Instrument :
BNA_F
ClientSampleId :
PB156084BS

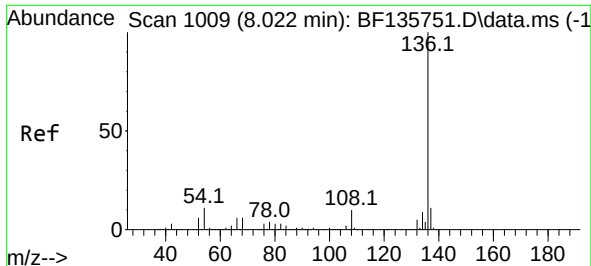
Tgt Ion:	70	Resp:	294041
Ion	Ratio	Lower	Upper
70	100		
42	73.9	59.8	89.6
101	9.7	7.4	11.2
130	21.1	16.6	24.8



#20
3+4-Methylphenols
Concen: 42.467 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:	107	Resp:	433405
Ion	Ratio	Lower	Upper
107	100		
108	87.0	71.1	111.1
77	93.4	42.0	82.0#
79	27.8	9.6	49.6

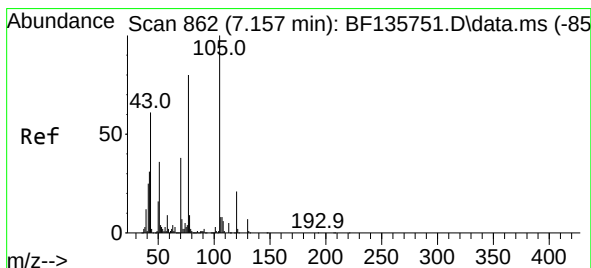
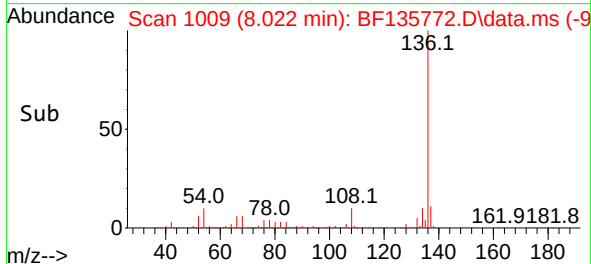
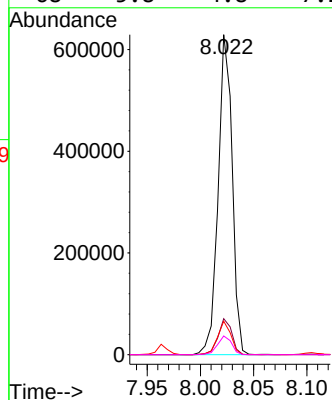
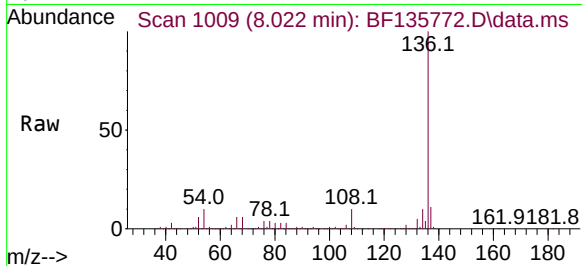




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

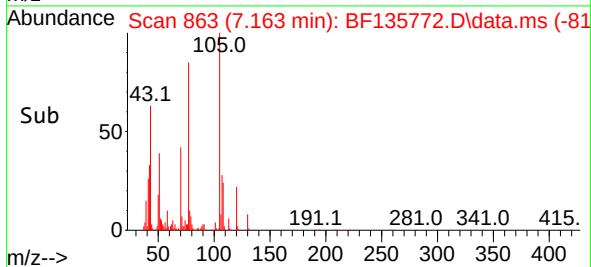
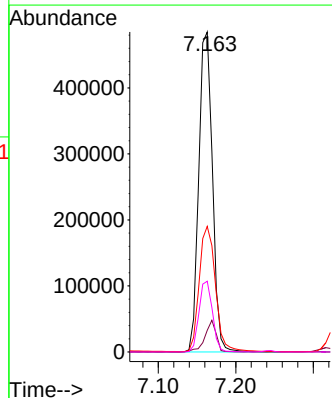
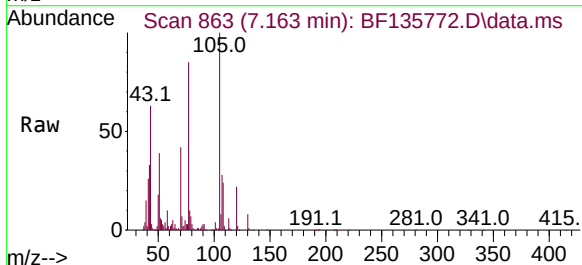
Instrument :
BNA_F
ClientSampleId :
PB156084BS

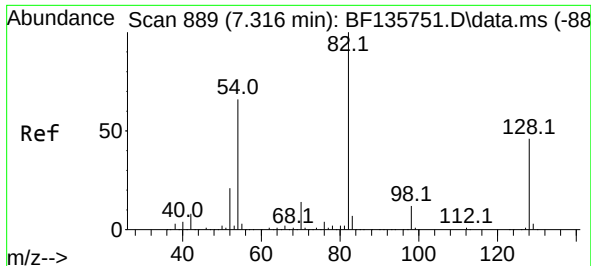
Tgt Ion:	136	Resp:	574089
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.4	8.5	12.7
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 45.109 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:	105	Resp:	593920
Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.4	8.0
51	39.3	29.4	44.0
120	22.1	16.9	25.3





#23

Nitrobenzene-d5

Concen: 88.557 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

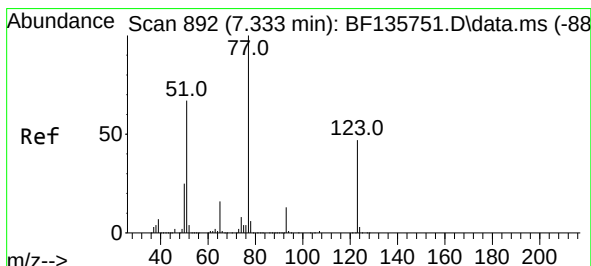
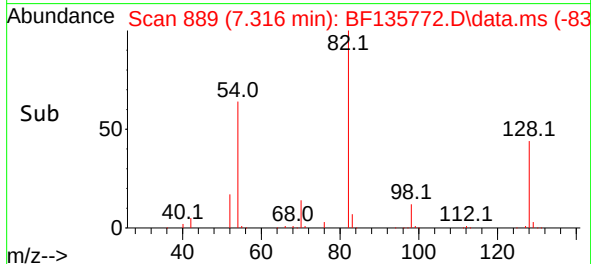
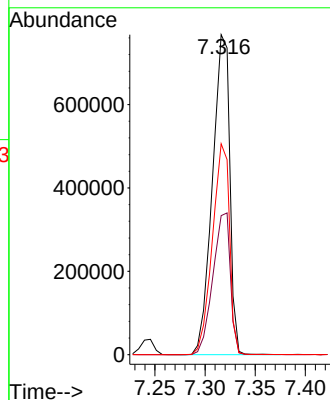
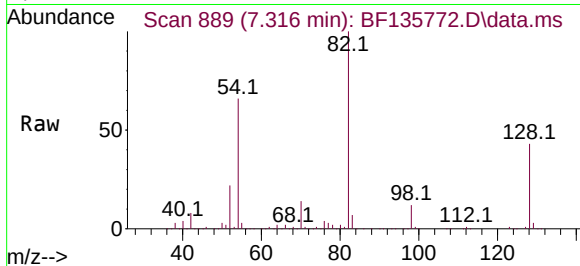
Tgt Ion: 82 Resp: 924366

Ion Ratio Lower Upper

82 100

128 43.4 37.0 55.6

54 65.9 52.8 79.2



#24

Nitrobenzene

Concen: 44.792 ng

RT: 7.340 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

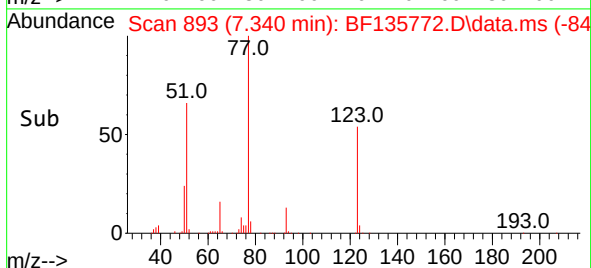
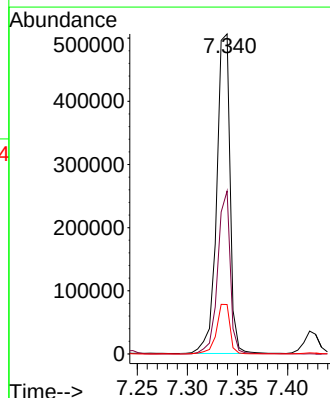
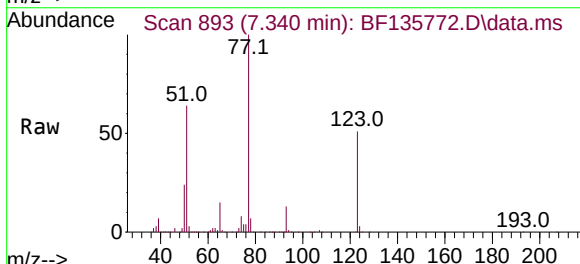
Tgt Ion: 77 Resp: 469244

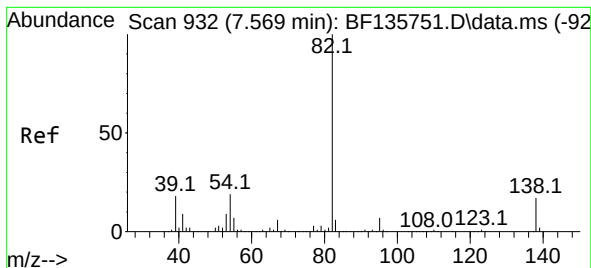
Ion Ratio Lower Upper

77 100

123 50.9 37.3 55.9

65 15.5 12.6 18.8





#25

Isophorone

Concen: 46.551 ng

RT: 7.569 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

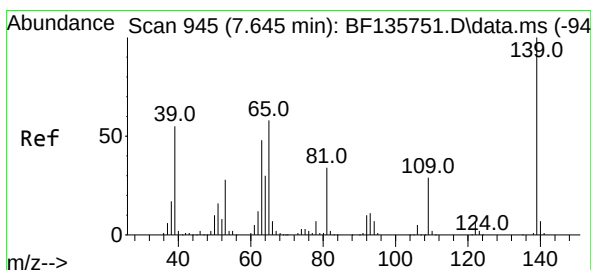
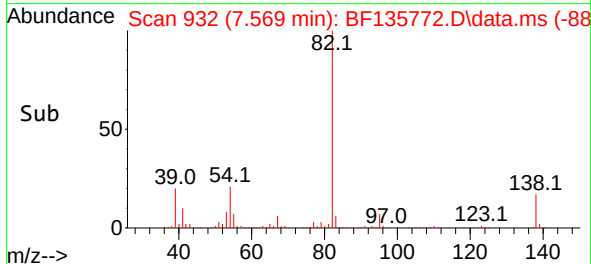
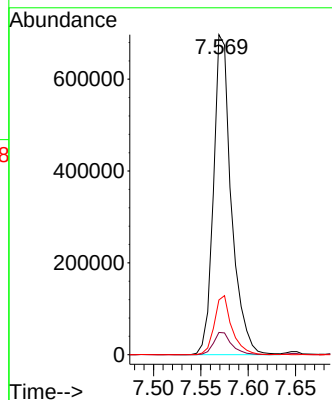
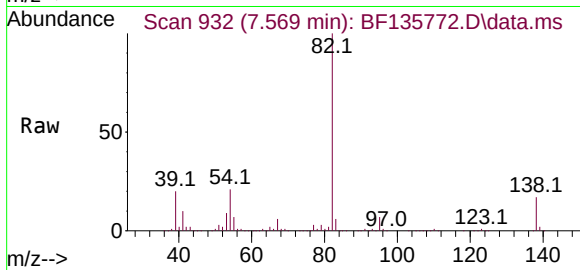
Tgt Ion: 82 Resp: 916704

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 17.1 13.9 20.9



#26

2-Nitrophenol

Concen: 49.383 ng

RT: 7.645 min Scan# 945

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

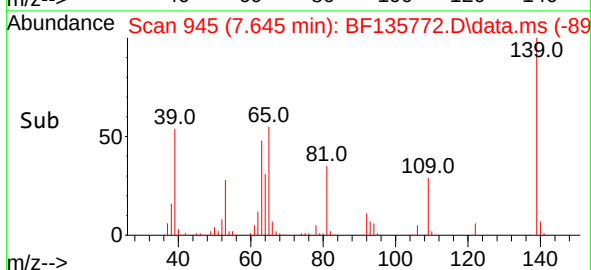
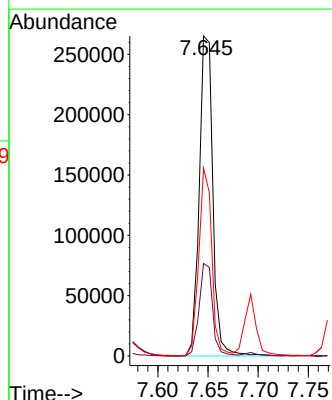
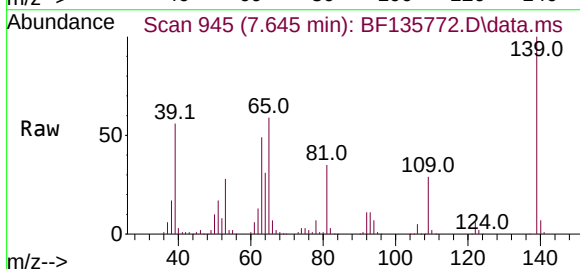
Tgt Ion:139 Resp: 252469

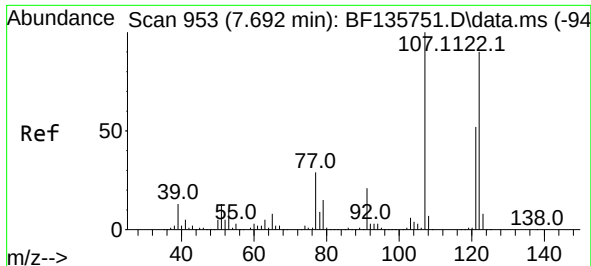
Ion Ratio Lower Upper

139 100

109 28.9 23.0 34.4

65 58.7 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 43.266 ng

RT: 7.693 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

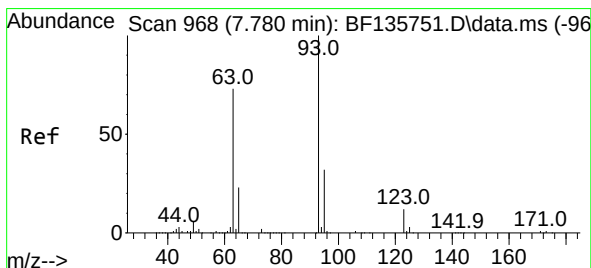
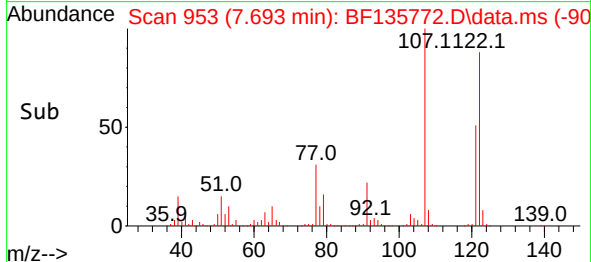
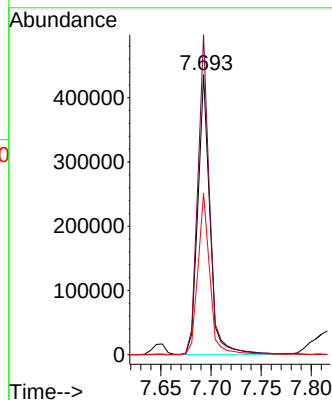
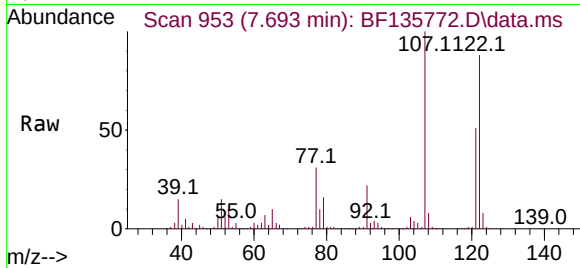
Tgt Ion:122 Resp: 364135

Ion Ratio Lower Upper

122 100

107 114.3 88.2 132.4

121 57.8 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 47.414 ng

RT: 7.781 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

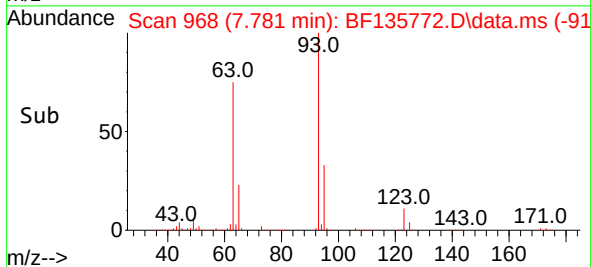
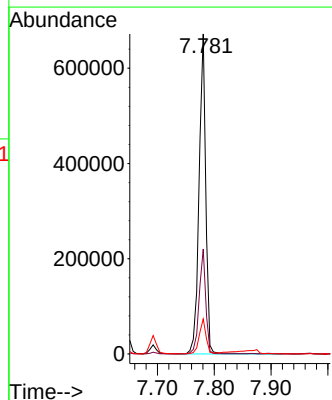
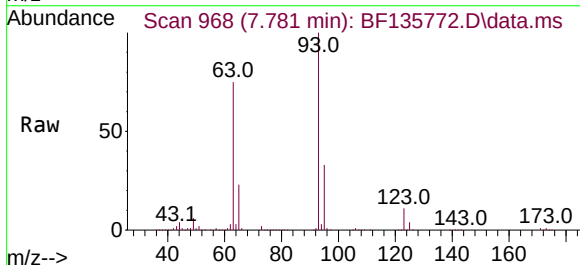
Tgt Ion: 93 Resp: 556039

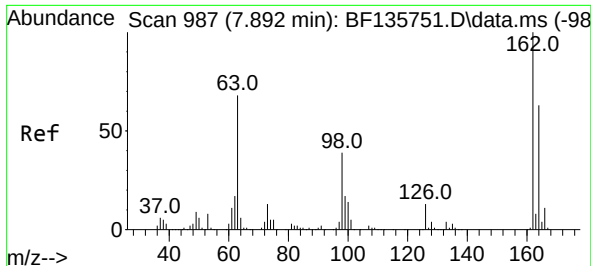
Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.705 ng

RT: 7.898 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

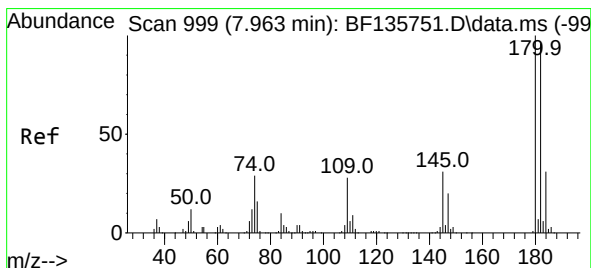
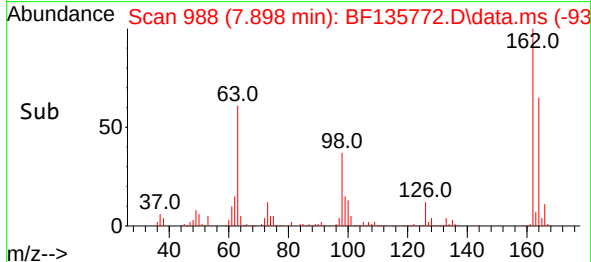
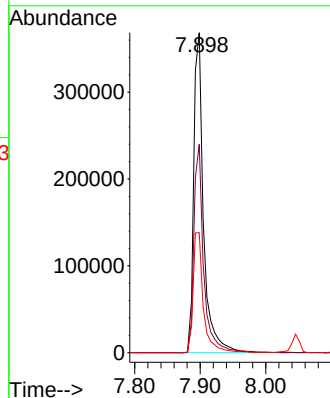
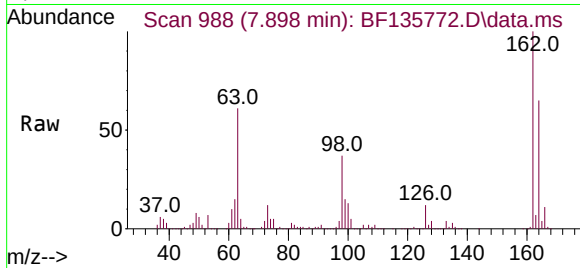
Tgt Ion:162 Resp: 384145

Ion Ratio Lower Upper

162 100

164 65.1 43.4 83.4

98 37.5 19.0 59.0



#30

1,2,4-Trichlorobenzene

Concen: 46.857 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

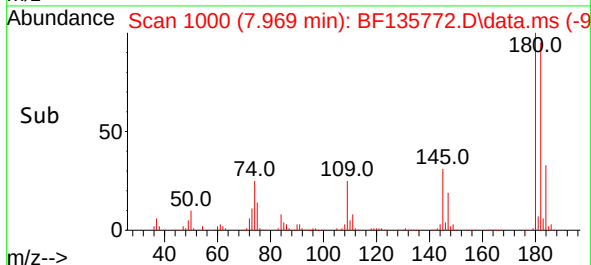
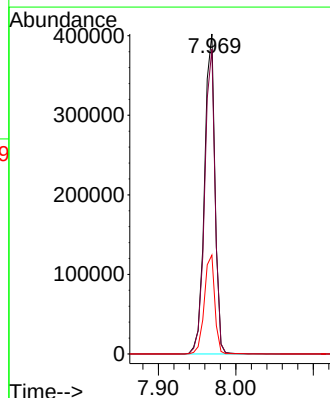
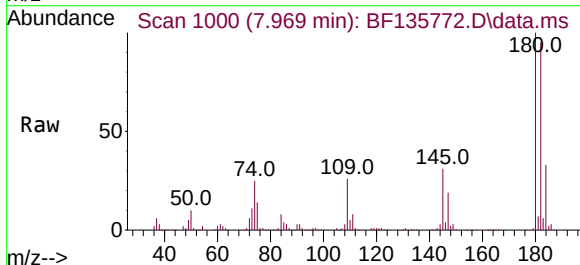
Tgt Ion:180 Resp: 377986

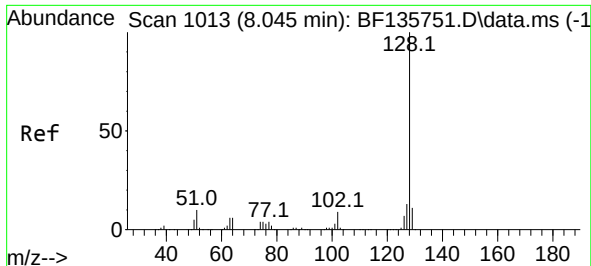
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 30.9 25.0 37.6

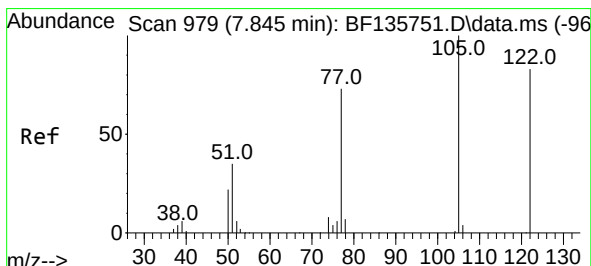
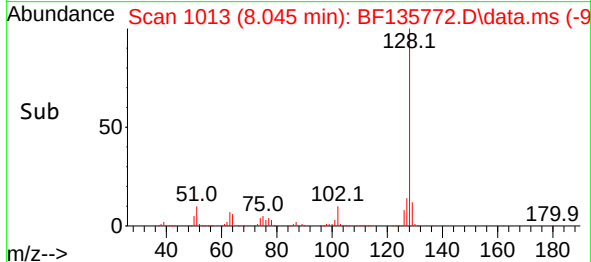
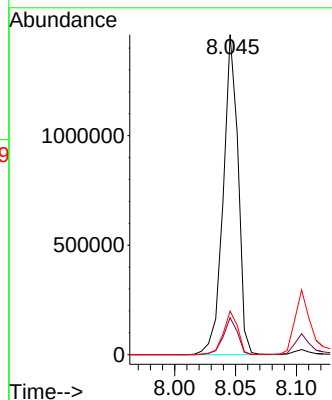
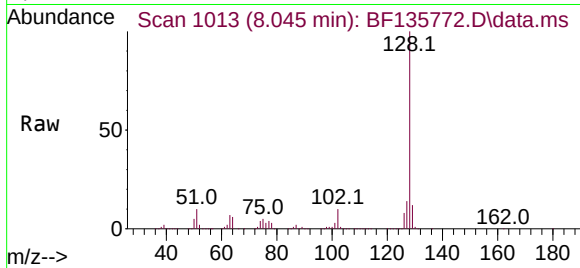




#31
Naphthalene
Concen: 44.473 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

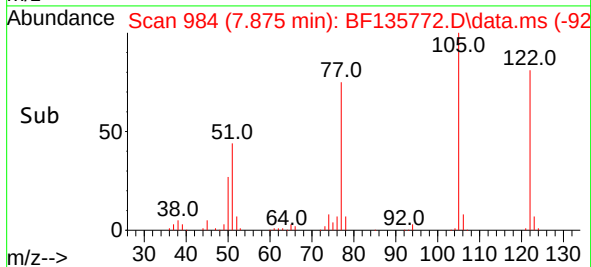
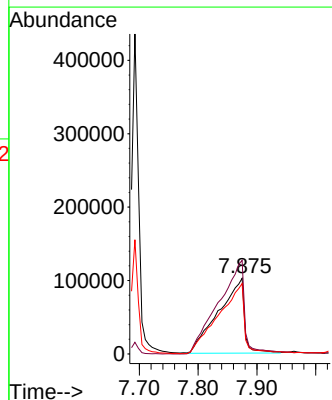
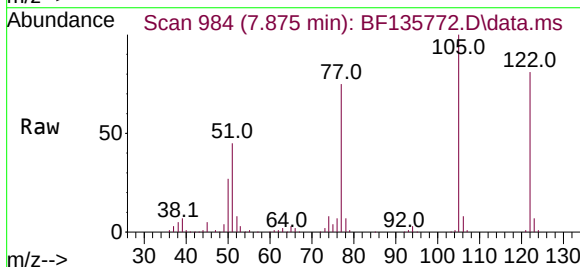
Instrument :
BNA_F
ClientSampleId :
PB156084BS

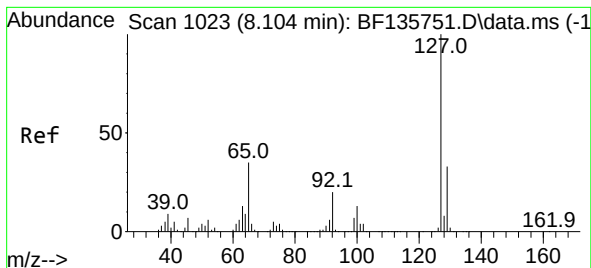
Tgt Ion:128 Resp: 1245322
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.6 10.2 15.4



#32
Benzoic acid
Concen: 54.883 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.024 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:122 Resp: 312668
Ion Ratio Lower Upper
122 100
105 123.6 98.7 138.7
77 93.1 67.8 107.8





#33

4-Chloroaniline

Concen: 24.689 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

Tgt Ion:127 Resp: 301998

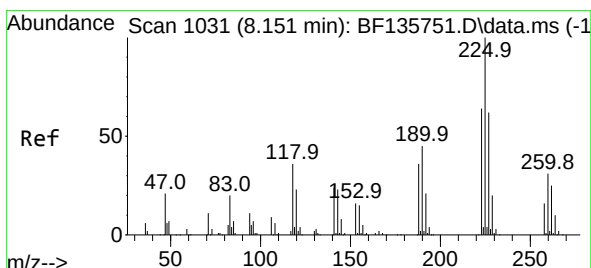
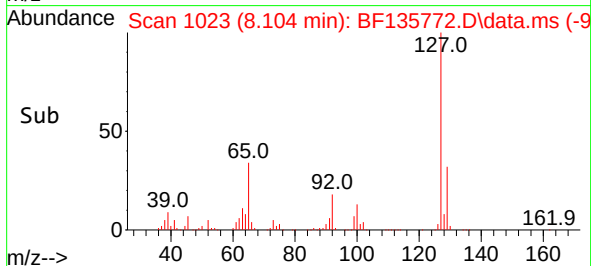
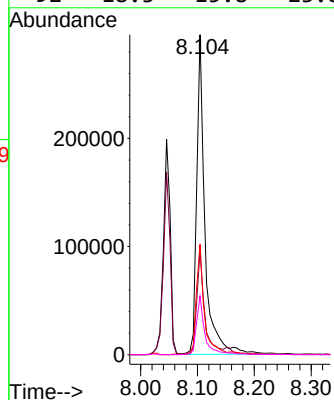
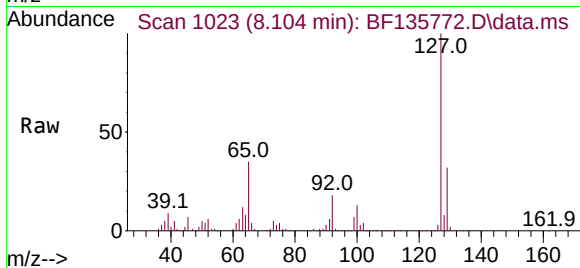
Ion Ratio Lower Upper

127 100

129 32.3 26.5 39.7

65 34.5 27.9 41.9

92 18.3 15.8 23.8



#34

Hexachlorobutadiene

Concen: 46.576 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

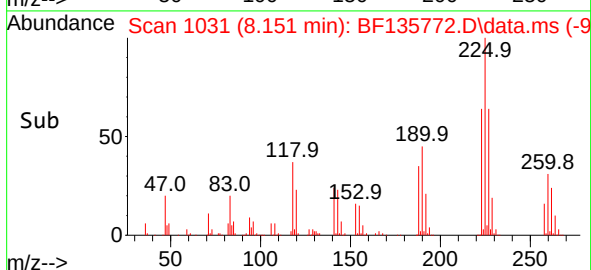
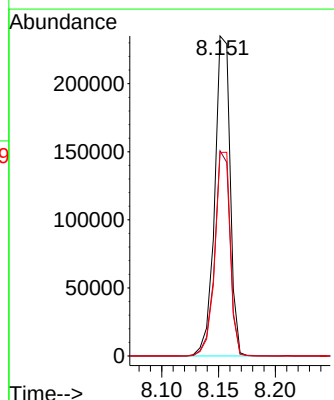
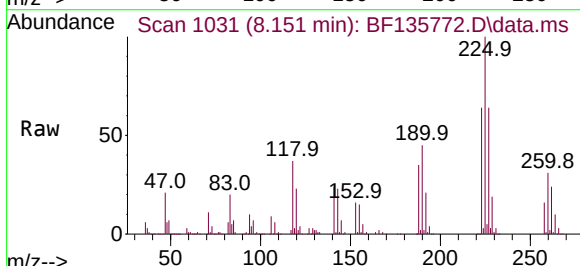
Tgt Ion:225 Resp: 222394

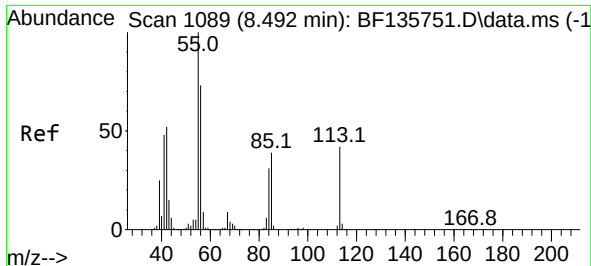
Ion Ratio Lower Upper

225 100

223 64.1 51.1 76.7

227 63.6 49.7 74.5

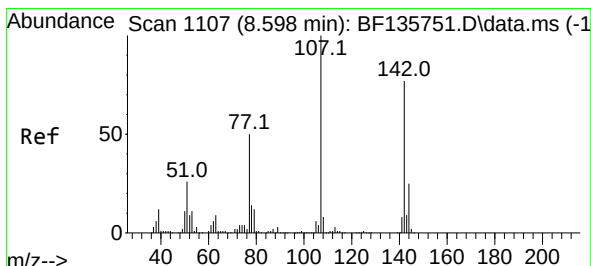
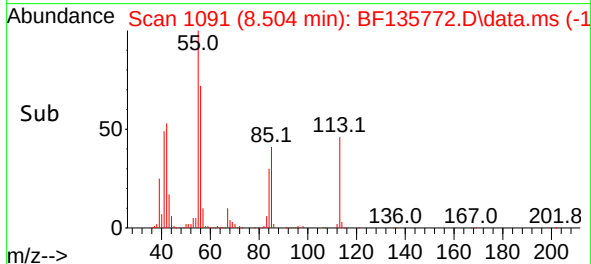
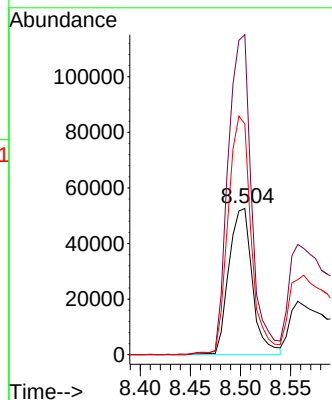
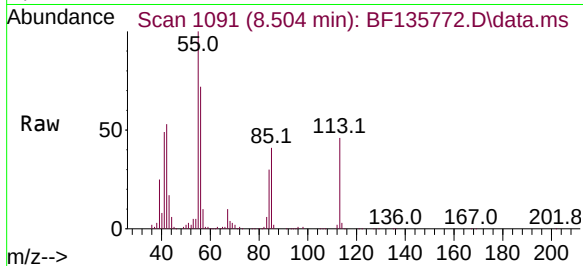




#35
 Caprolactam
 Concen: 31.960 ng
 RT: 8.504 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

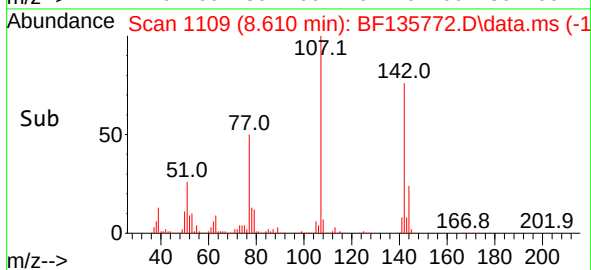
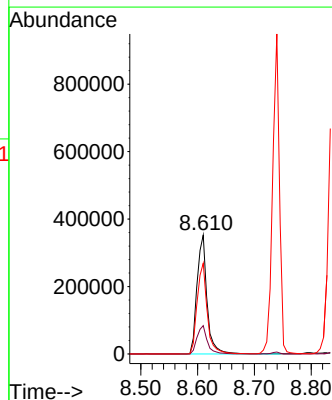
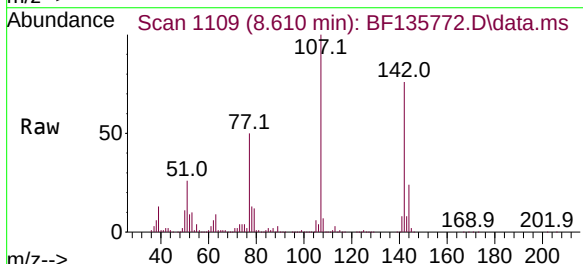
Instrument :
 BNA_F
 ClientSampleId :
 PB156084BS

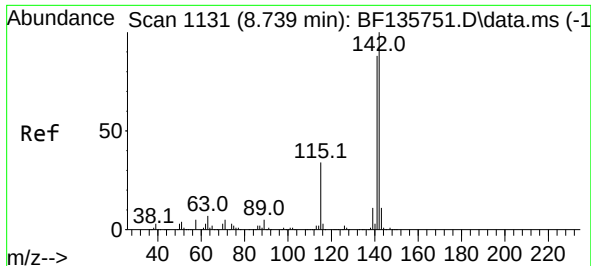
Tgt Ion:113 Resp: 86173
 Ion Ratio Lower Upper
 113 100
 55 218.8 217.4 257.4
 56 157.6 153.1 193.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.728 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

Tgt Ion:107 Resp: 434956
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.8 29.8
 142 76.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 42.937 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

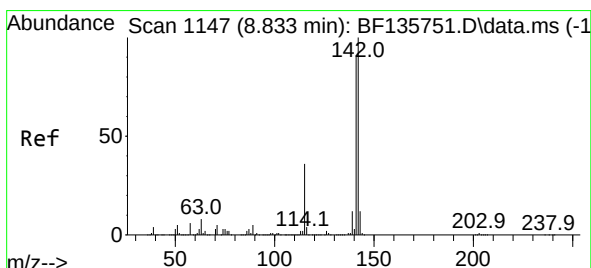
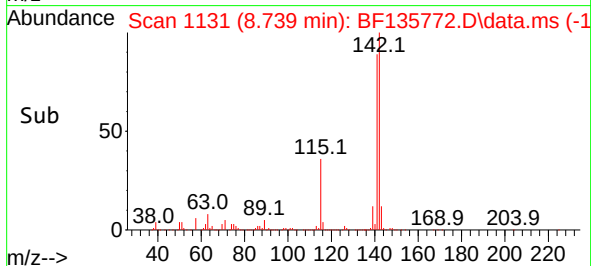
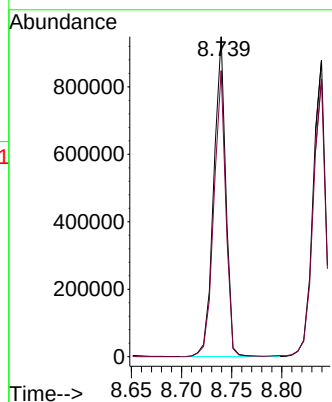
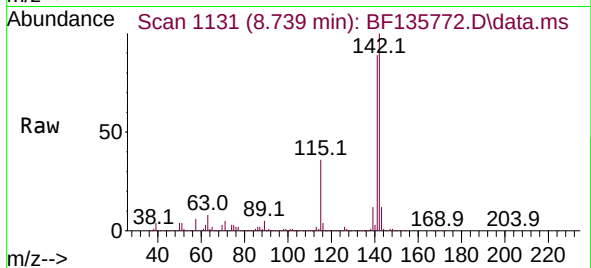
PB156084BS

Tgt Ion:142 Resp: 792132

Ion Ratio Lower Upper

142 100

141 89.4 70.6 105.8



#38

1-Methylnaphthalene

Concen: 44.389 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF135772.D

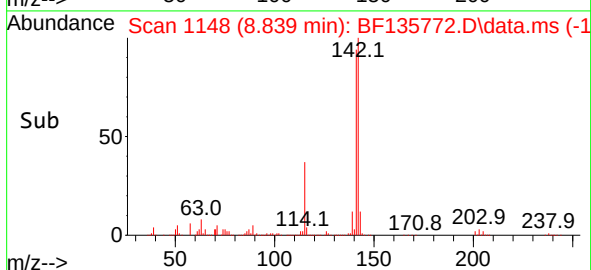
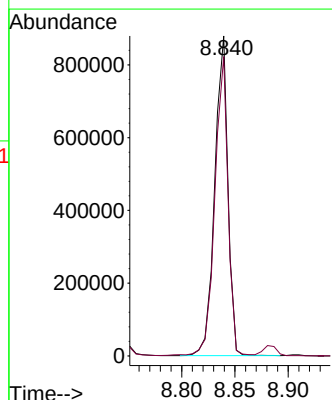
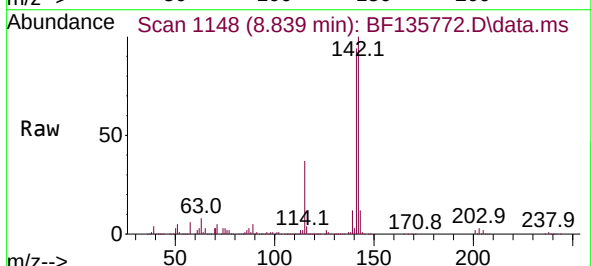
Acq: 16 Oct 2023 12:39

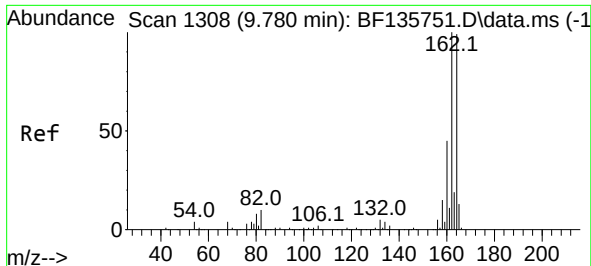
Tgt Ion:142 Resp: 755327

Ion Ratio Lower Upper

142 100

141 93.6 72.7 109.1

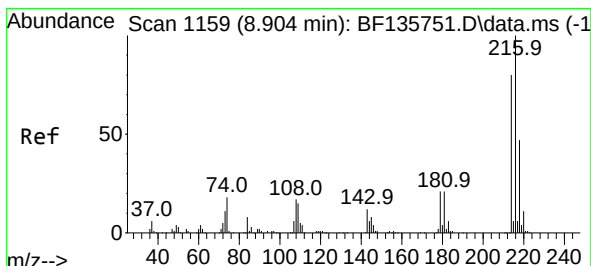
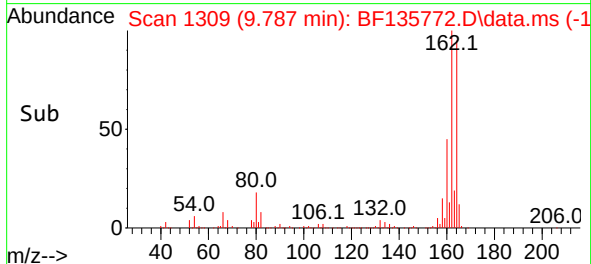
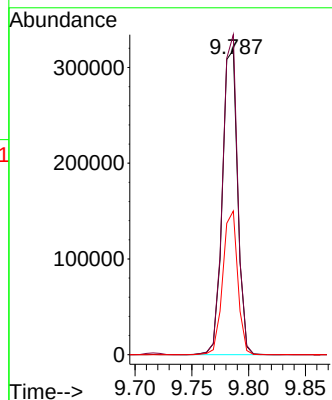
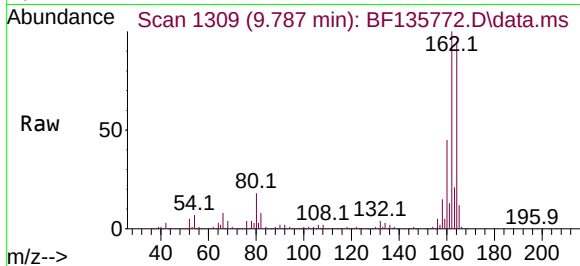




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.787 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

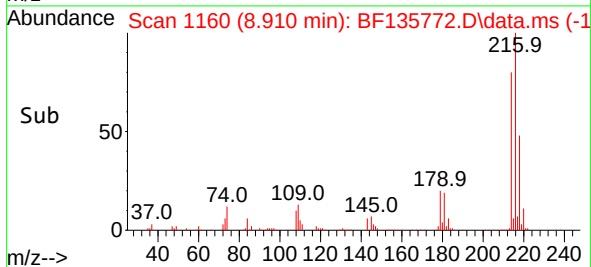
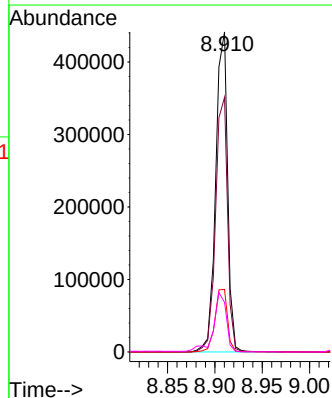
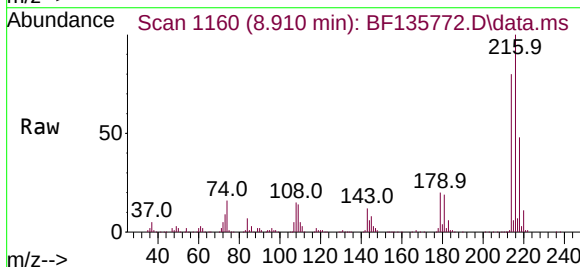
Instrument :
BNA_F
ClientSampleId :
PB156084BS

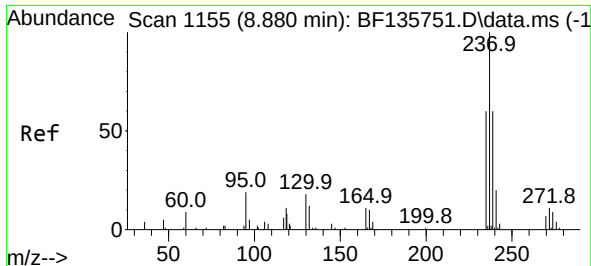
Tgt Ion:164 Resp: 299031
Ion Ratio Lower Upper
164 100
162 105.0 80.8 121.2
160 47.2 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.689 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:216 Resp: 384404
Ion Ratio Lower Upper
216 100
214 80.4 64.0 96.0
179 20.6 16.9 25.3
108 20.1 14.4 21.6

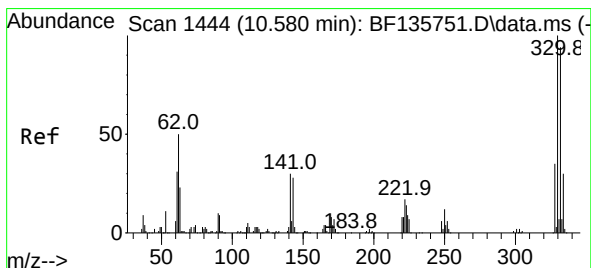
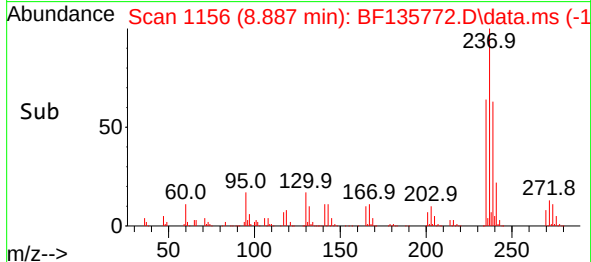
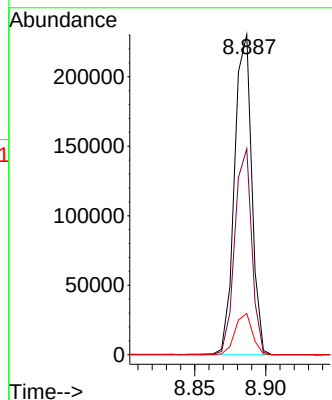
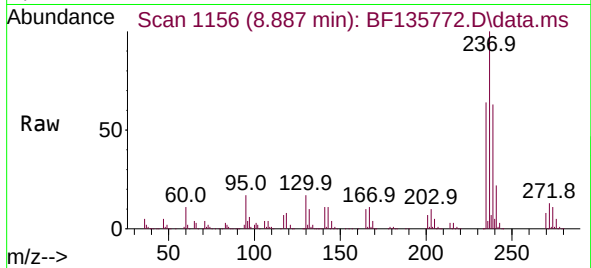




#41
Hexachlorocyclopentadiene
Concen: 94.239 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

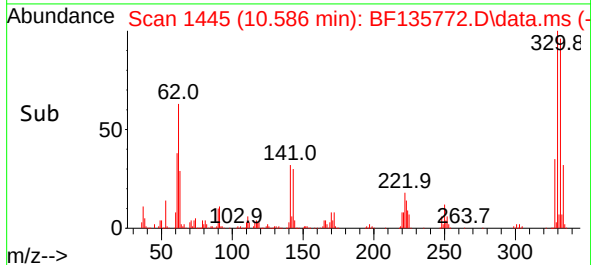
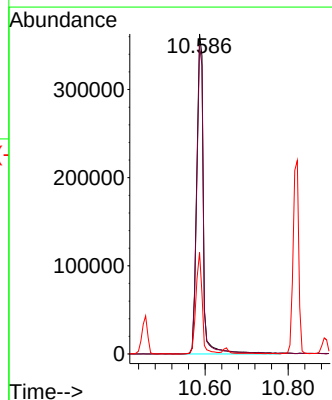
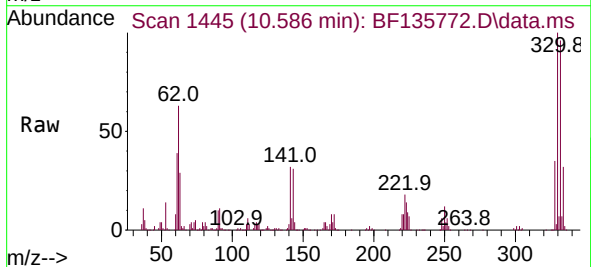
Instrument :
BNA_F
ClientSampleId :
PB156084BS

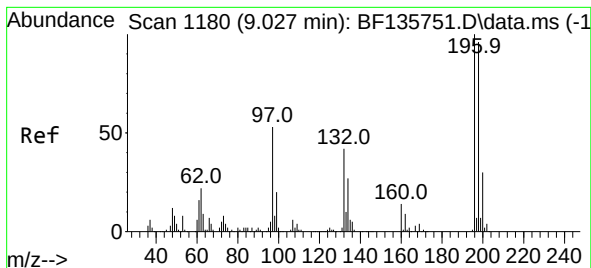
Tgt Ion:237 Resp: 194677
Ion Ratio Lower Upper
237 100
235 64.3 40.0 80.0
272 12.9 0.0 30.9



#42
2,4,6-Tribromophenol
Concen: 140.925 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:330 Resp: 404376
Ion Ratio Lower Upper
330 100
332 95.1 75.0 112.4
141 29.6 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 47.291 ng

RT: 9.028 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

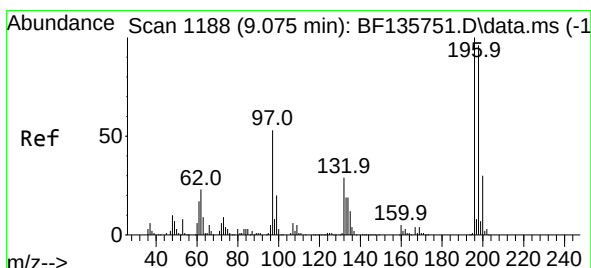
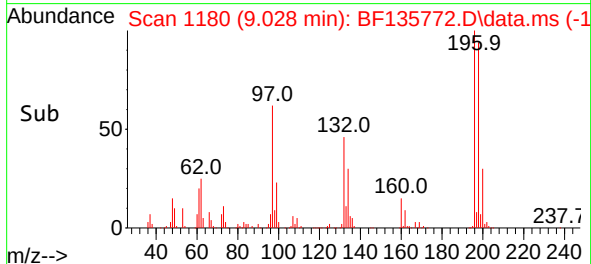
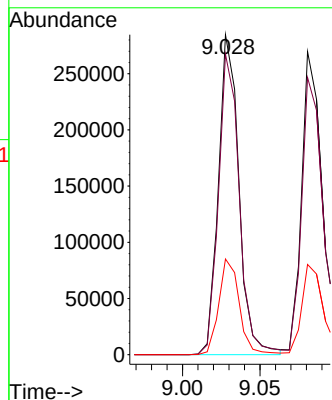
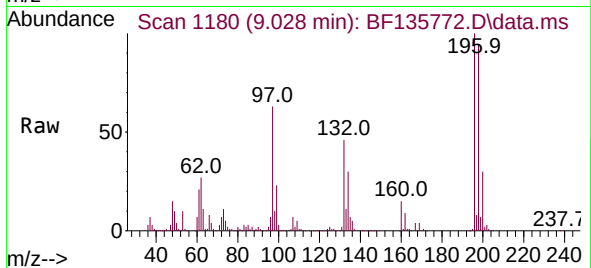
Tgt Ion:196 Resp: 262138

Ion Ratio Lower Upper

196 100

198 93.9 76.7 115.1

200 29.9 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 43.167 ng

RT: 9.081 min Scan# 1189

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Tgt Ion:196 Resp: 278303

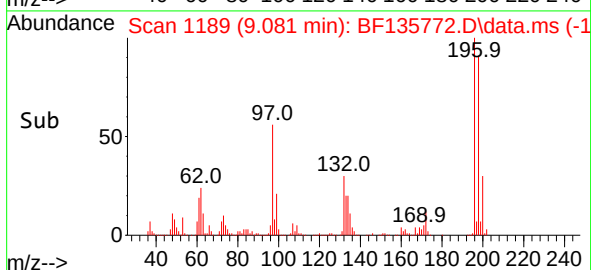
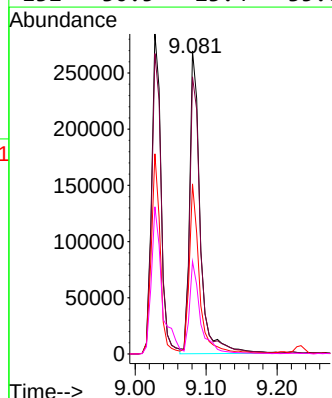
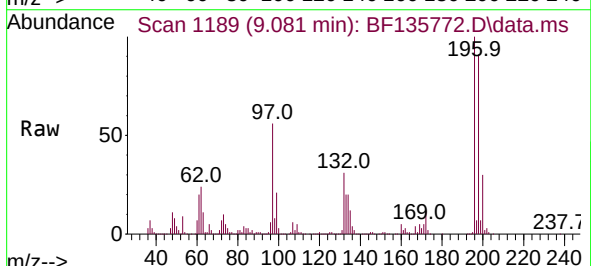
Ion Ratio Lower Upper

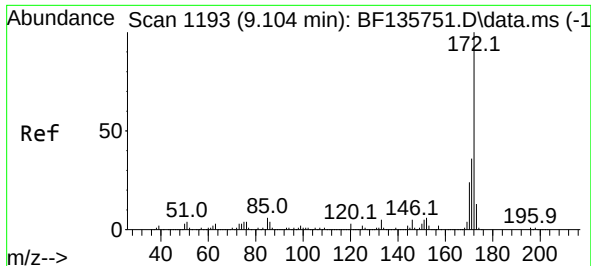
196 100

198 91.5 77.0 115.6

97 56.1 42.2 63.2

132 30.5 23.4 35.0

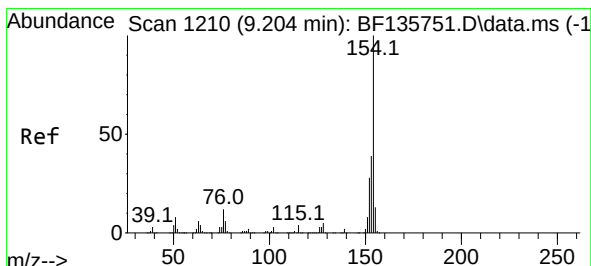
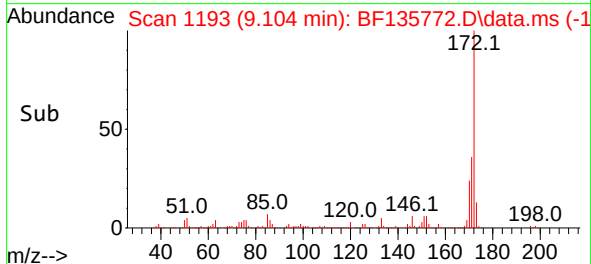
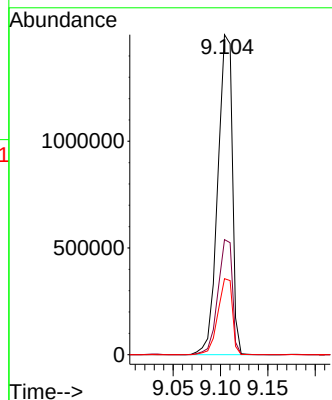
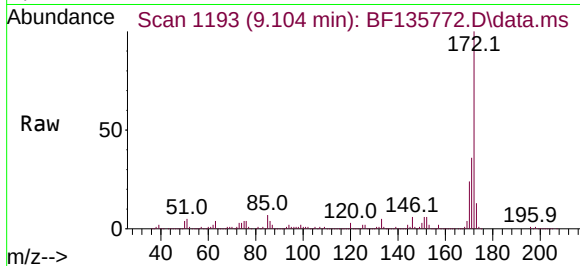




#45
2-Fluorobiphenyl
Concen: 83.688 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

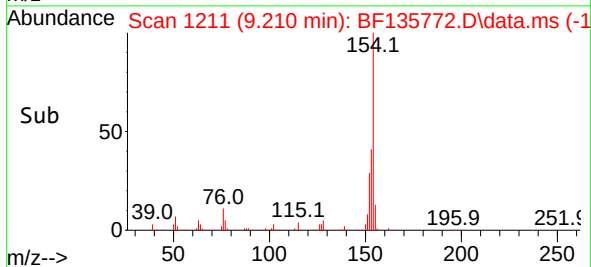
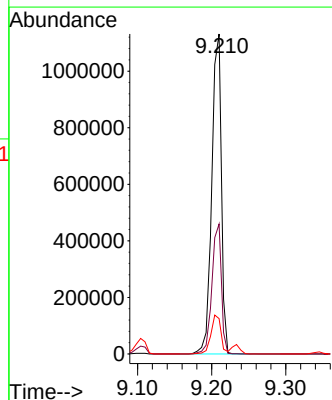
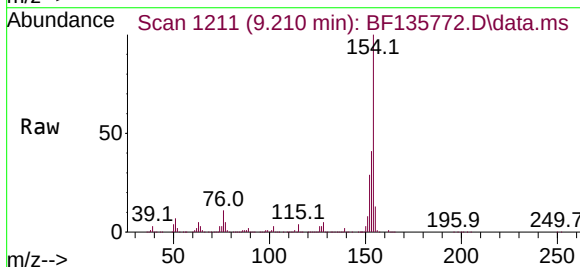
Instrument :
BNA_F
ClientSampleId :
PB156084BS

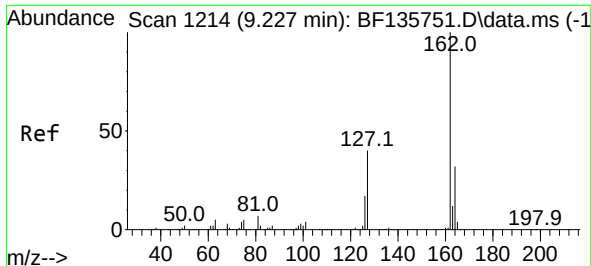
Tgt Ion:172 Resp: 1600583
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.405 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:154 Resp: 1017155
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 11.0 0.0 31.7





#47

2-Chloronaphthalene

Concen: 46.519 ng

RT: 9.234 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

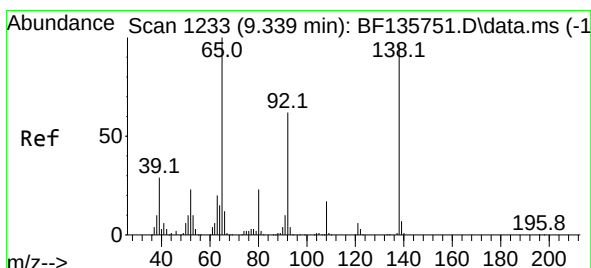
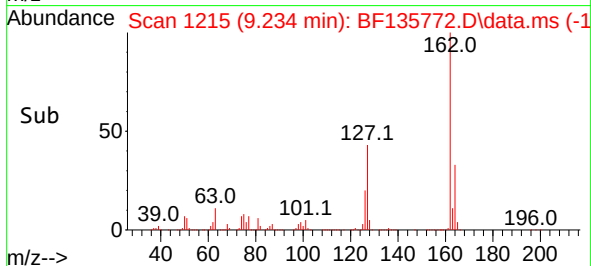
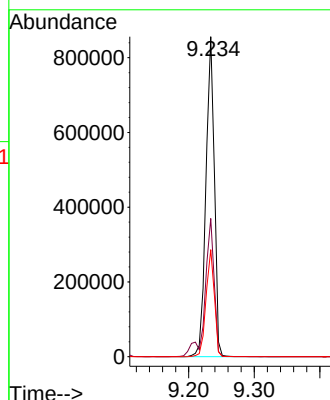
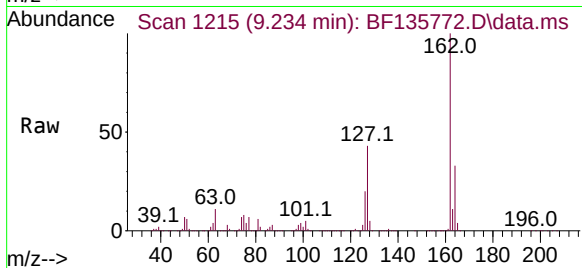
Tgt Ion:162 Resp: 767951

Ion Ratio Lower Upper

162 100

127 43.2 34.7 52.1

164 33.5 25.6 38.4



#48

2-Nitroaniline

Concen: 46.978 ng

RT: 9.345 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

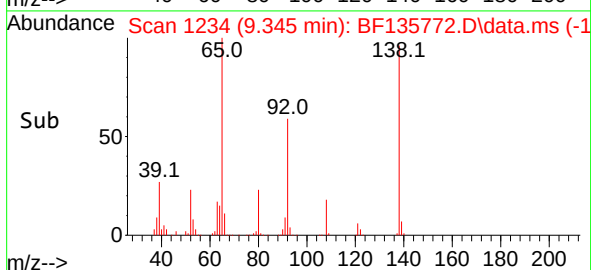
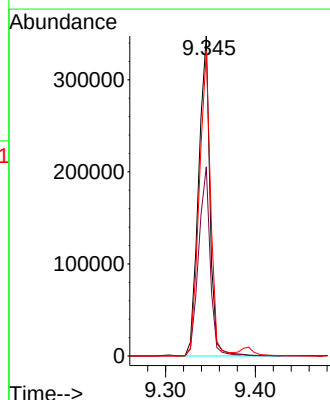
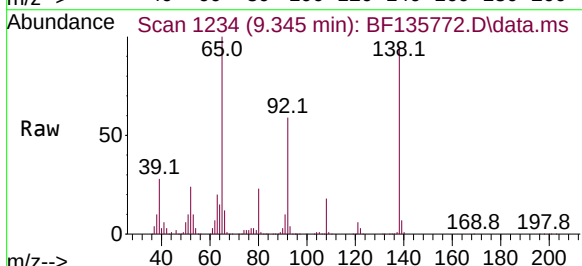
Tgt Ion: 65 Resp: 306121

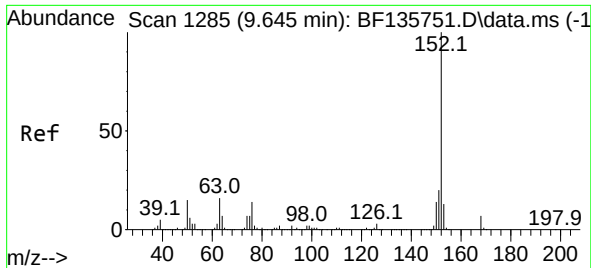
Ion Ratio Lower Upper

65 100

92 59.1 49.4 74.0

138 95.2 76.6 114.8

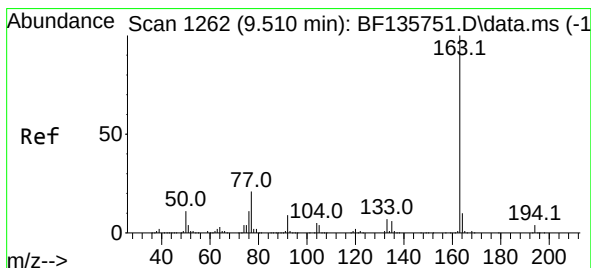
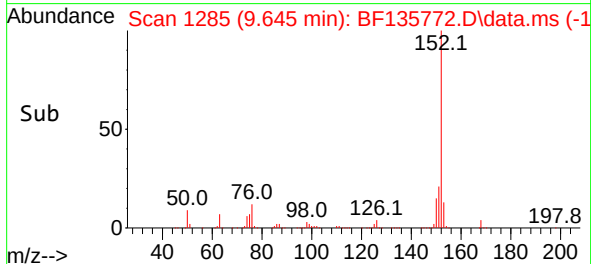
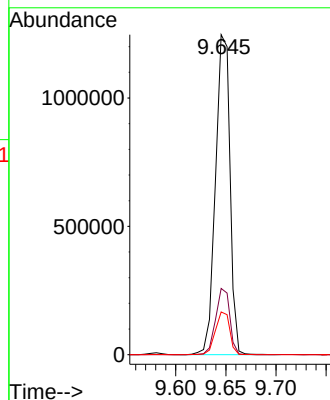
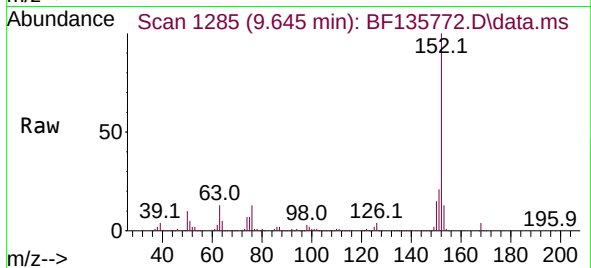




#49
Acenaphthylene
Concen: 45.888 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

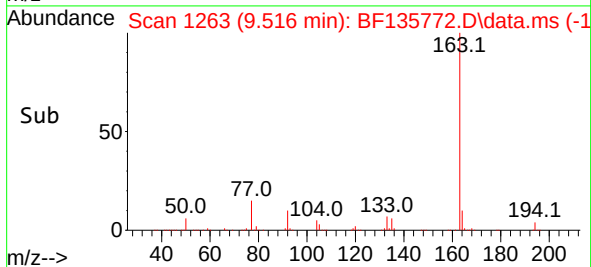
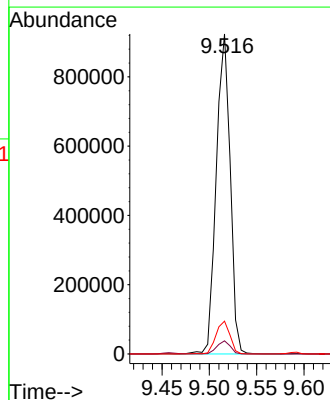
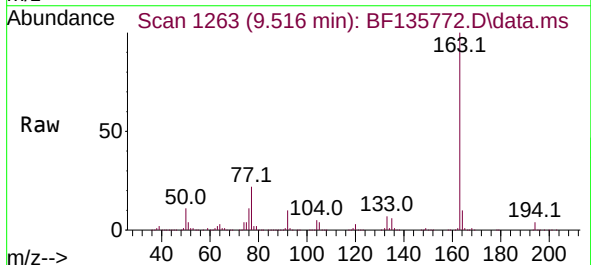
Instrument :
BNA_F
ClientSampleId :
PB156084BS

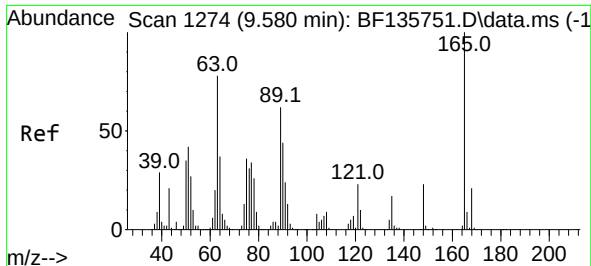
Tgt Ion:152 Resp: 1253639
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 13.3 10.2 15.4



#50
Dimethylphthalate
Concen: 46.893 ng
RT: 9.516 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:163 Resp: 946603
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.9 11.9

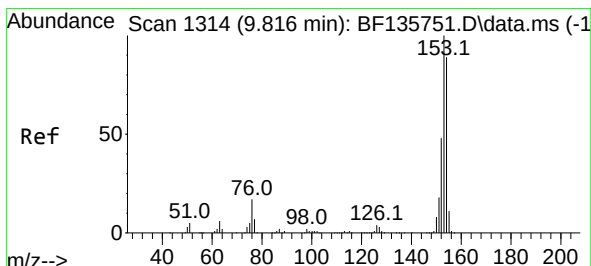
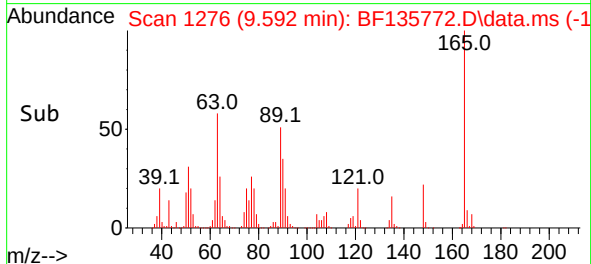
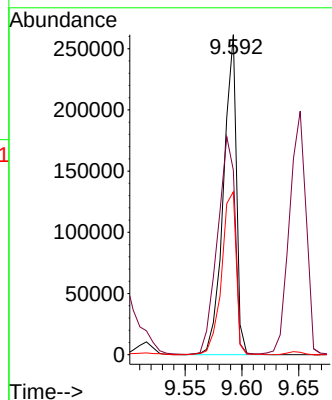
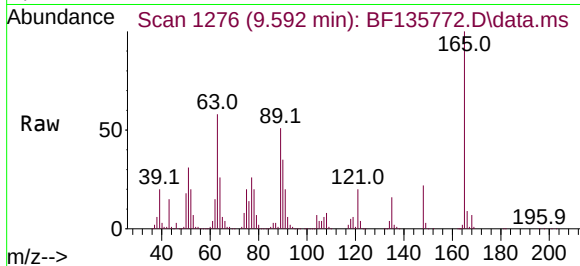




#51
2,6-Dinitrotoluene
Concen: 48.123 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

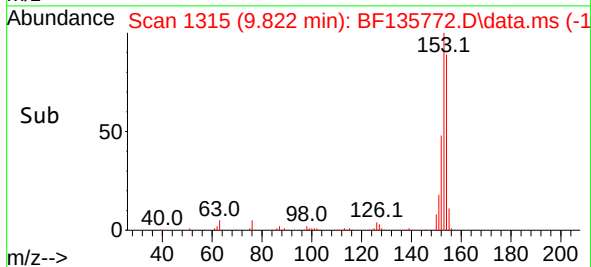
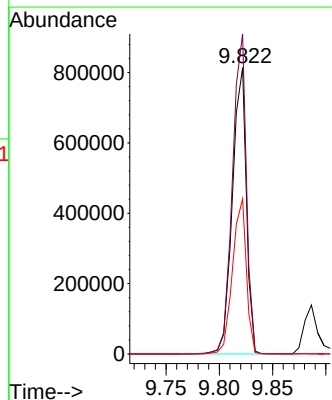
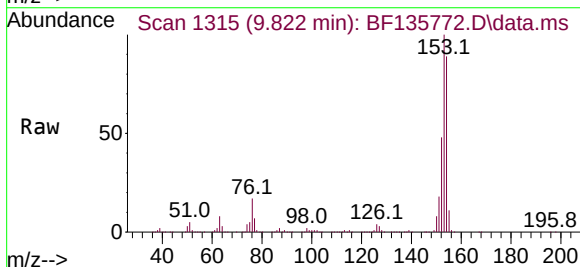
Instrument :
BNA_F
ClientSampleId :
PB156084BS

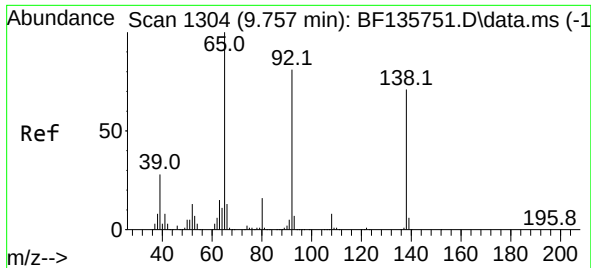
Tgt Ion:165 Resp: 208904
Ion Ratio Lower Upper
165 100
63 57.7 62.2 93.4#
89 50.9 49.6 74.4



#52
Acenaphthene
Concen: 45.300 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:154 Resp: 741778
Ion Ratio Lower Upper
154 100
153 111.8 90.1 135.1
152 54.2 43.1 64.7

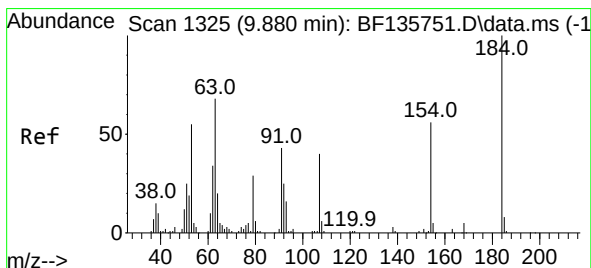
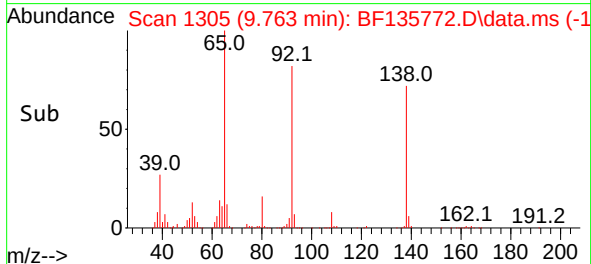
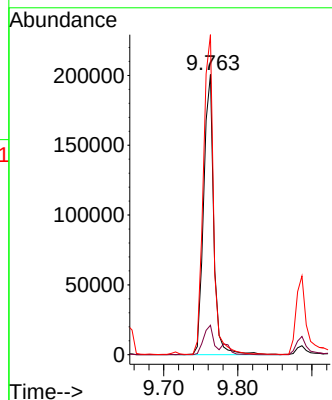
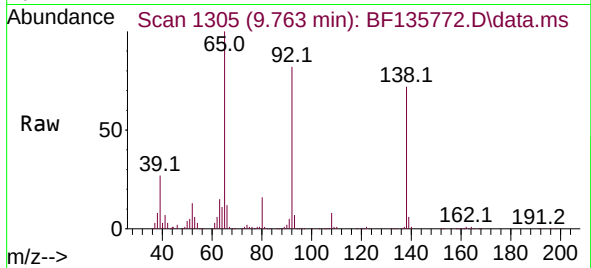




#53
3-Nitroaniline
Concen: 35.530 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

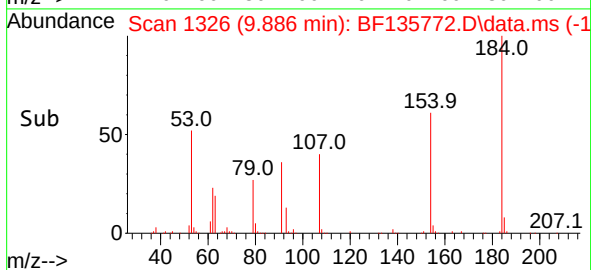
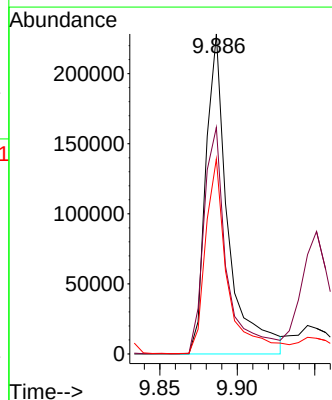
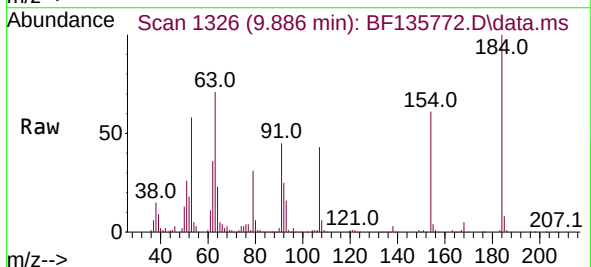
Instrument :
BNA_F
ClientSampleId :
PB156084BS

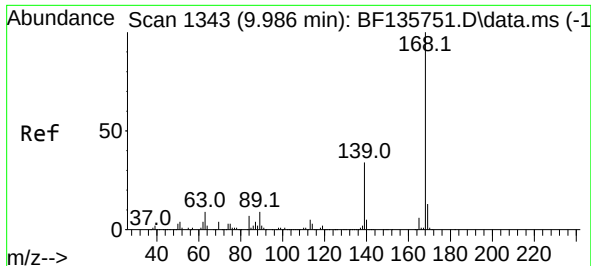
Tgt Ion:138 Resp: 189074
Ion Ratio Lower Upper
138 100
108 10.5 8.6 13.0
92 114.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 126.635 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:184 Resp: 229471
Ion Ratio Lower Upper
184 100
63 70.8 54.6 81.8
154 60.9 45.0 67.4

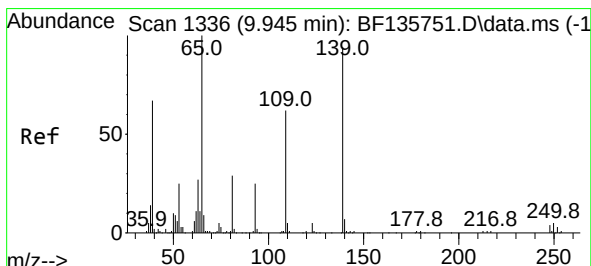
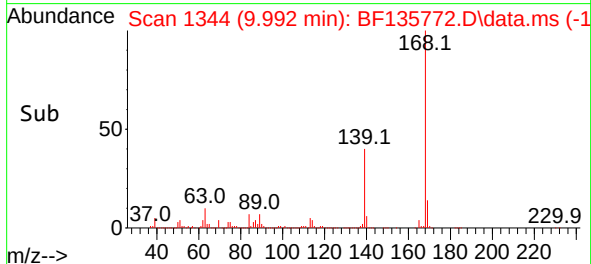
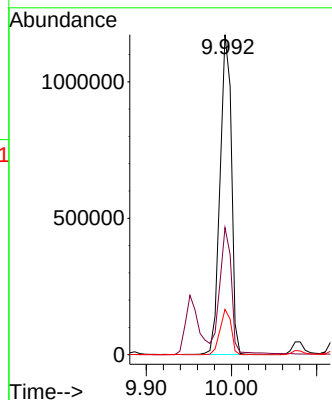
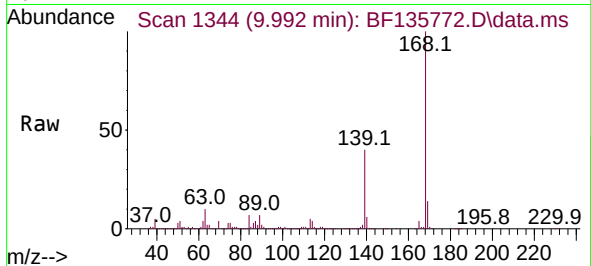




#55
Dibenzenofuran
Concen: 44.062 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

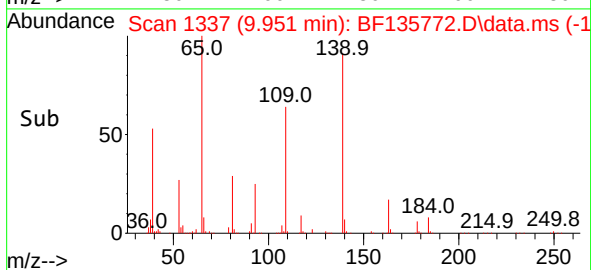
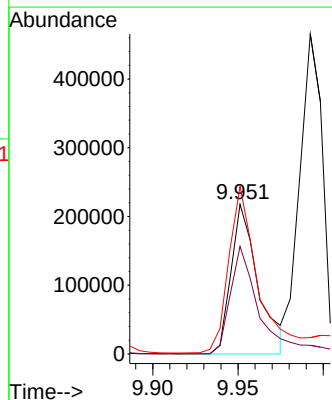
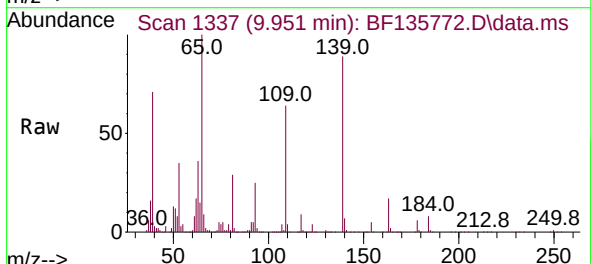
Instrument :
BNA_F
ClientSampleId :
PB156084BS

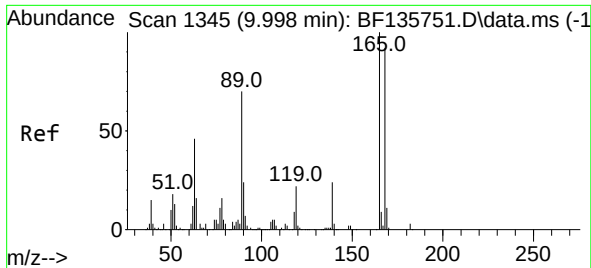
Tgt Ion:168 Resp: 1088656
Ion Ratio Lower Upper
168 100
139 39.7 31.0 46.4
169 14.1 10.7 16.1



#56
4-Nitrophenol
Concen: 96.917 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:139 Resp: 239343
Ion Ratio Lower Upper
139 100
109 71.9 45.6 85.6
65 112.0 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 47.529 ng

RT: 10.004 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

Tgt Ion:165 Resp: 262489

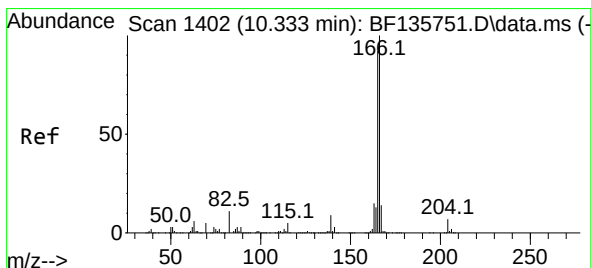
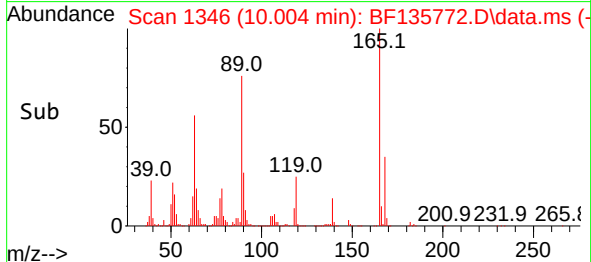
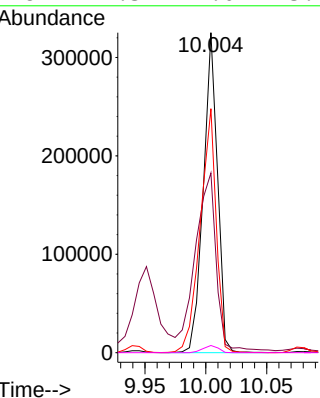
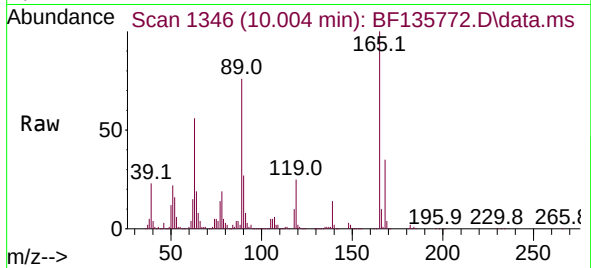
Ion Ratio Lower Upper

165 100

63 56.1 39.0 58.4

89 76.2 55.9 83.9

182 2.3 2.0 3.0



#58

Fluorene

Concen: 45.180 ng

RT: 10.339 min Scan# 1403

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

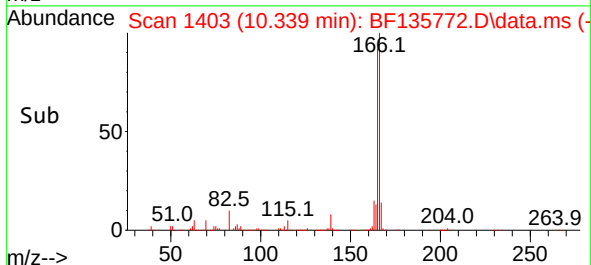
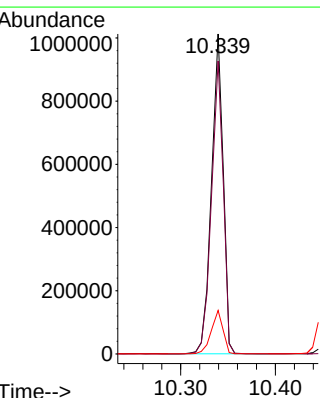
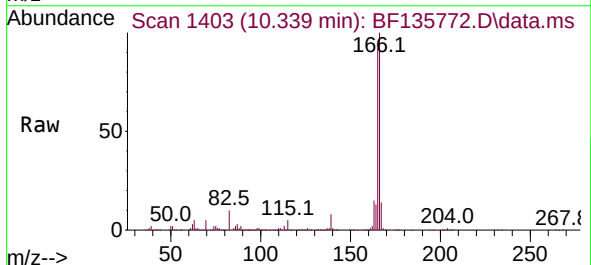
Tgt Ion:166 Resp: 873907

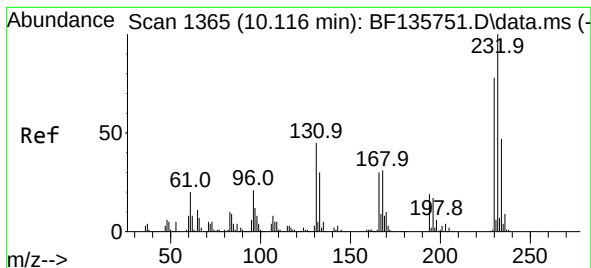
Ion Ratio Lower Upper

166 100

165 91.6 73.4 110.0

167 13.6 11.0 16.6

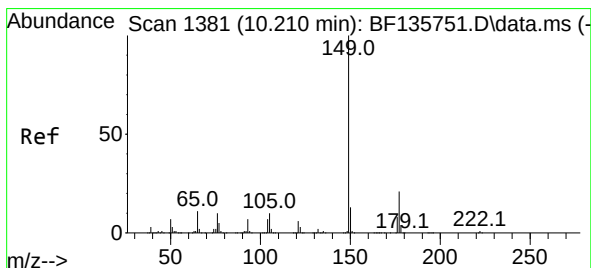
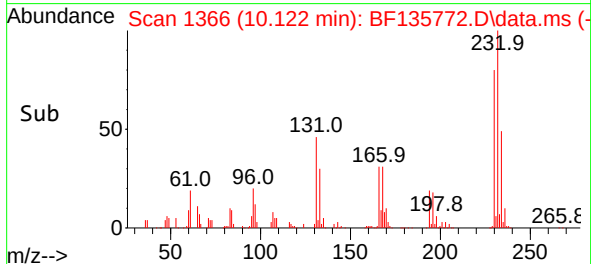
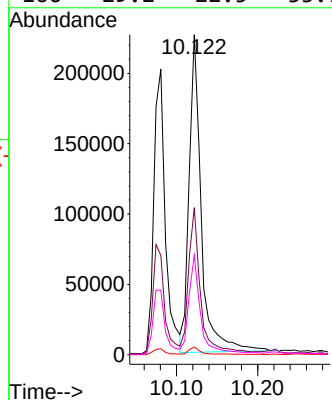
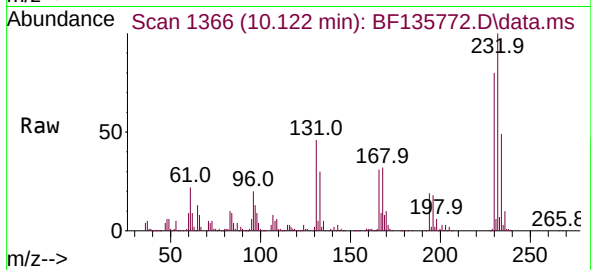




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.407 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

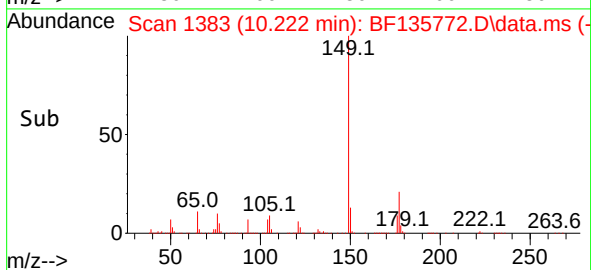
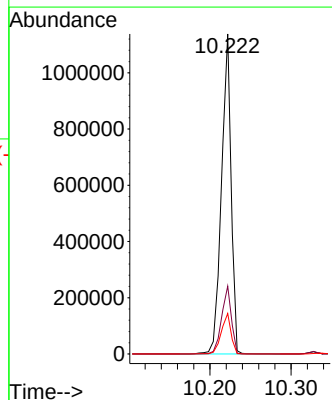
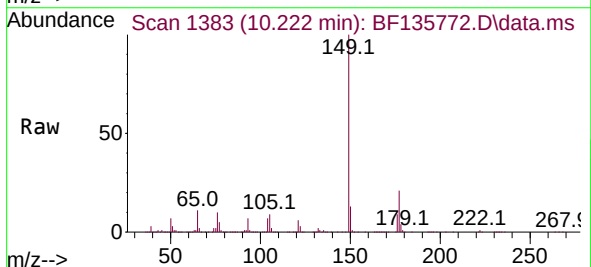
Instrument :
BNA_F
ClientSampleId :
PB156084BS

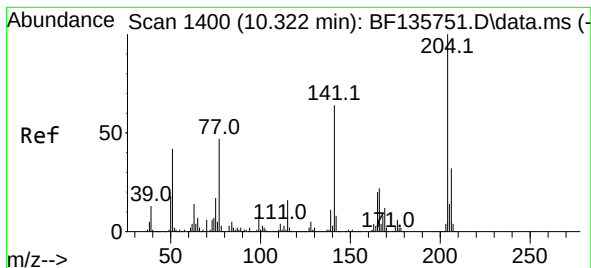
Tgt Ion:232 Resp: 235849
Ion Ratio Lower Upper
232 100
131 43.1 35.8 53.6
130 2.8 1.9 2.9
166 29.2 22.5 33.7



#60
Diethylphthalate
Concen: 45.736 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:149 Resp: 942535
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.6 10.2 15.2

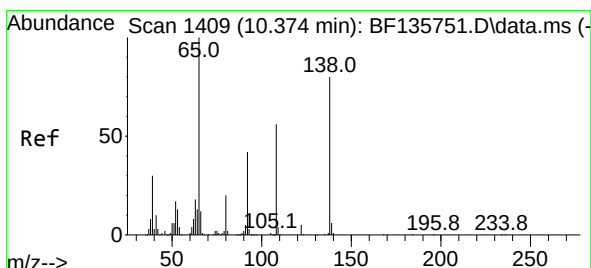
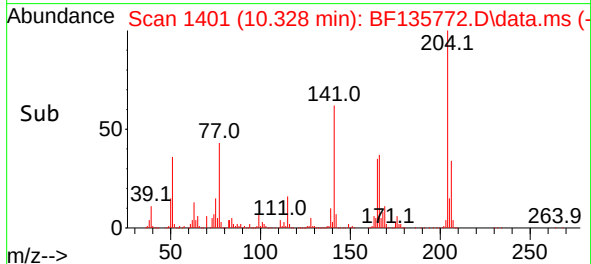
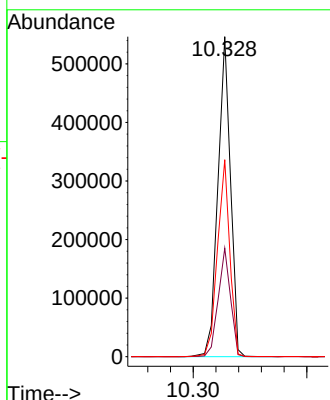
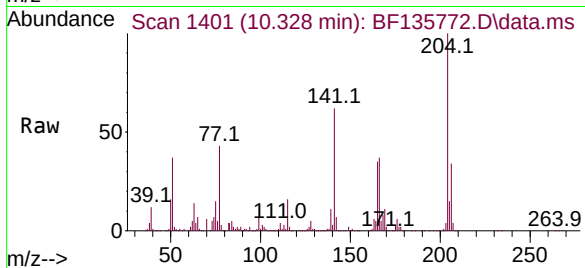




#61
4-Chlorophenyl-phenylether
Concen: 45.025 ng
RT: 10.328 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

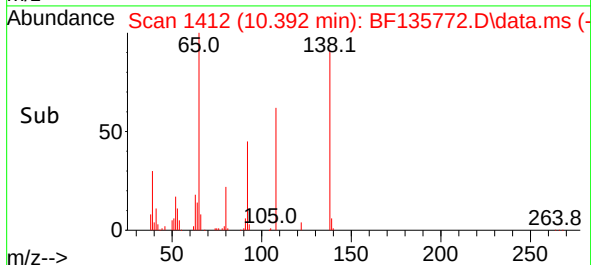
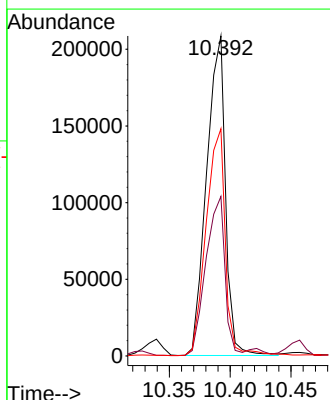
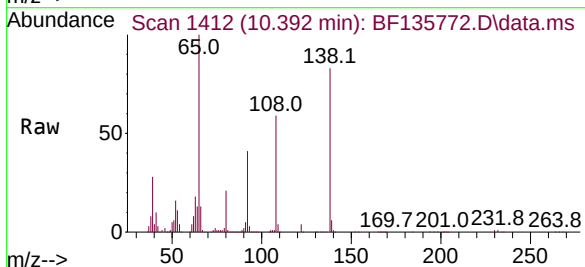
Instrument :
BNA_F
ClientSampleId :
PB156084BS

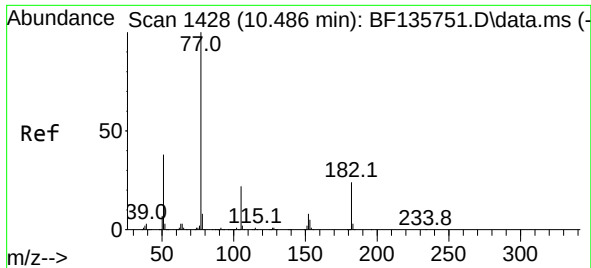
Tgt Ion:204 Resp: 420918
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 61.6 51.4 77.0



#62
4-Nitroaniline
Concen: 46.041 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:138 Resp: 225424
Ion Ratio Lower Upper
138 100
92 49.9 31.9 71.9
108 71.0 49.7 89.7

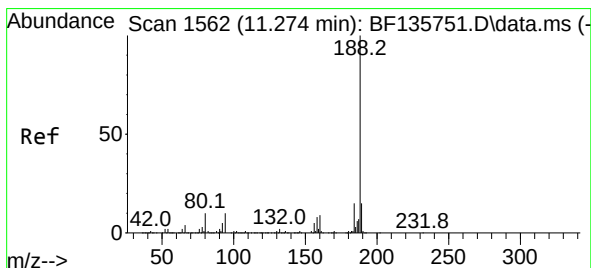
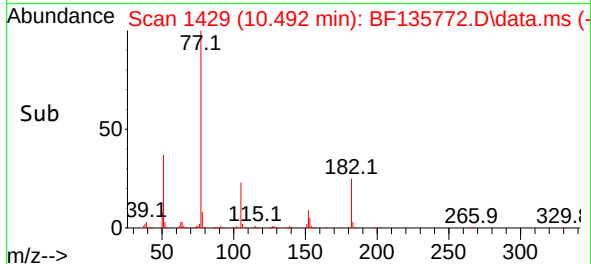
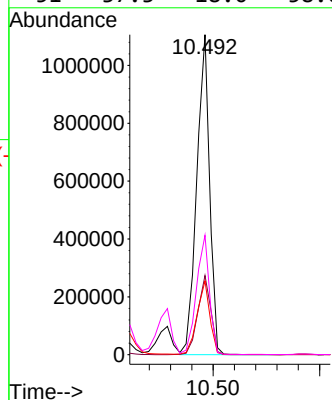
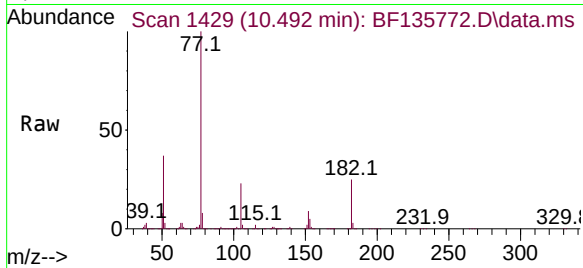




#63
Azobenzene
Concen: 46.396 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

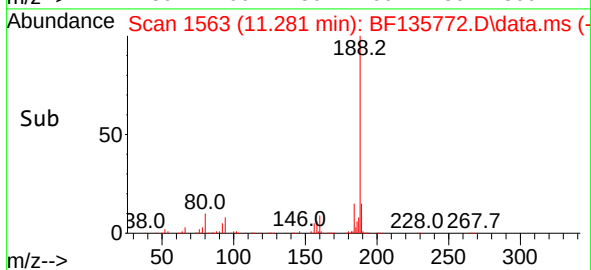
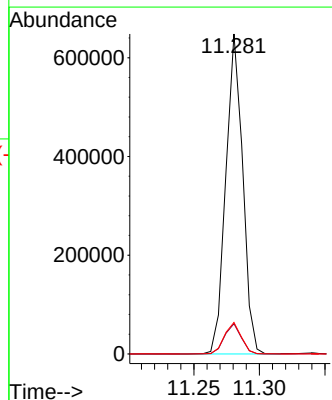
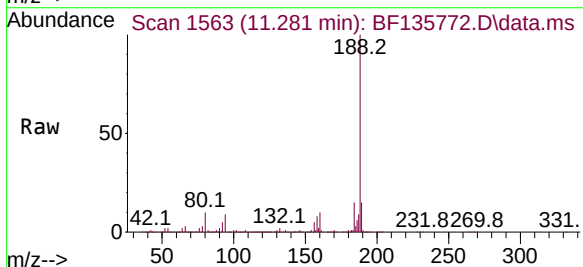
Instrument :
BNA_F
ClientSampleId :
PB156084BS

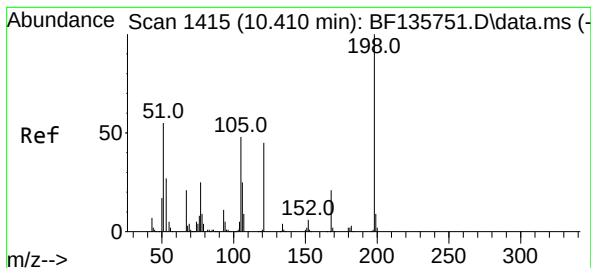
Tgt Ion: 77	Resp: 928946
Ion Ratio	Lower Upper
77 100	
182 24.8	3.5 43.5
105 23.0	2.2 42.2
51 37.3	18.0 58.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:188	Resp: 579506
Ion Ratio	Lower Upper
188 100	
94 9.4	8.0 12.0
80 9.8	8.3 12.5

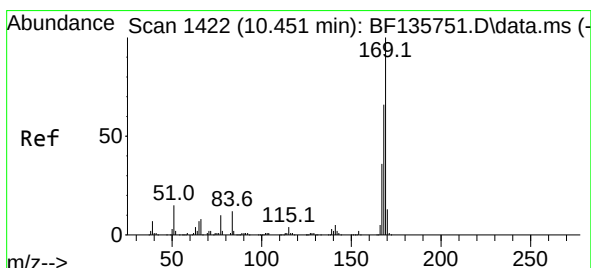
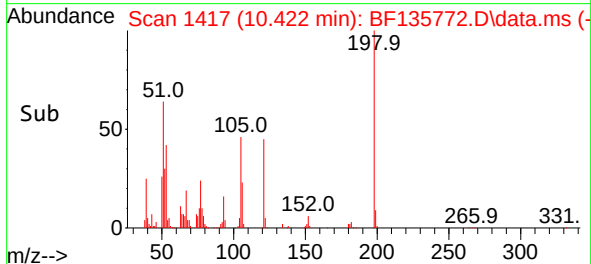
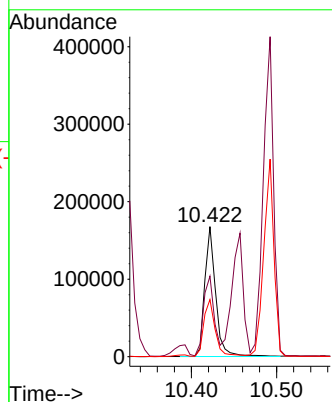
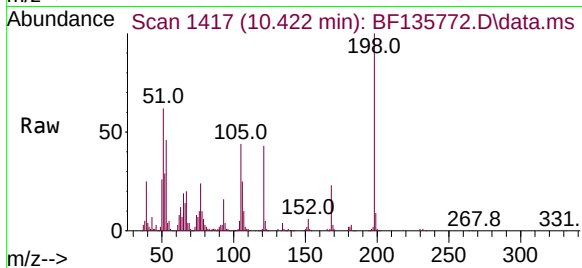




#65
4,6-Dinitro-2-methylphenol
Concen: 51.157 ng
RT: 10.422 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

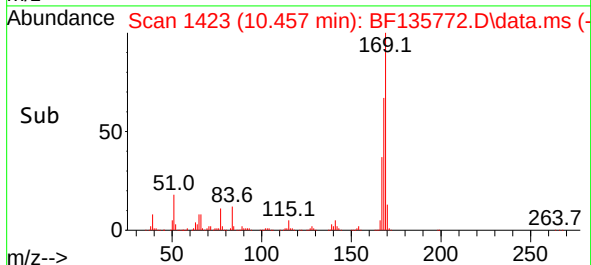
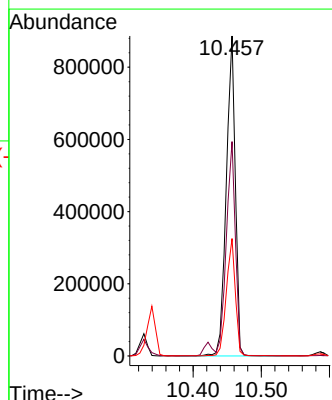
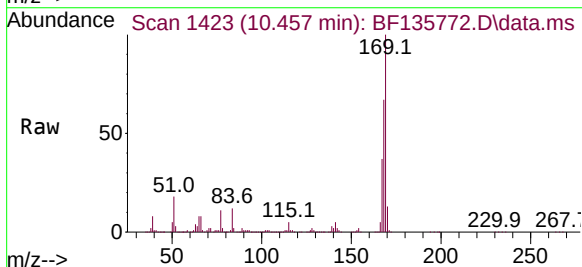
Instrument :
BNA_F
ClientSampleId :
PB156084BS

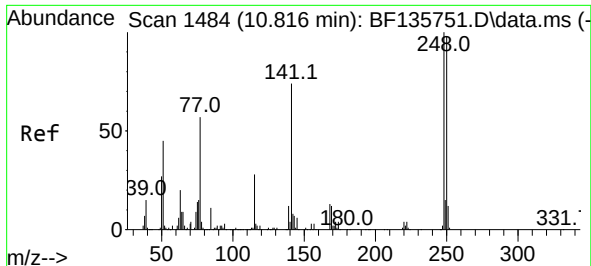
Tgt Ion:198 Resp: 149197
Ion Ratio Lower Upper
198 100
51 61.9 47.6 87.6
105 43.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 46.279 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:169 Resp: 817432
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.2
167 36.7 29.2 43.8

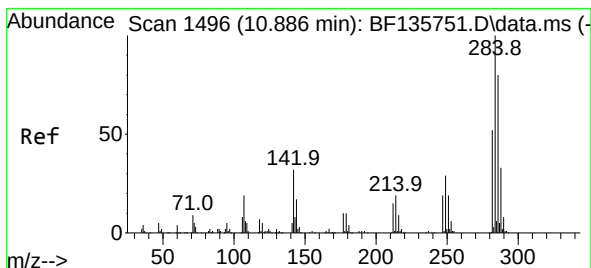
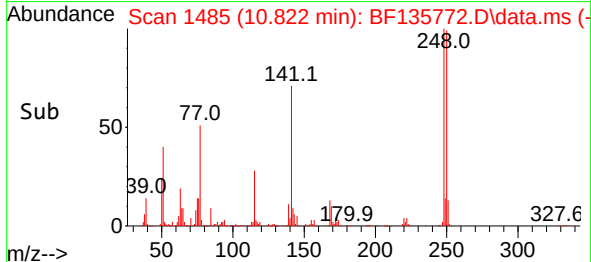
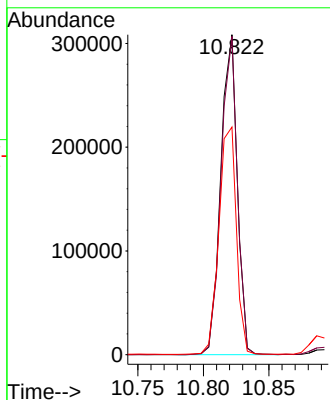
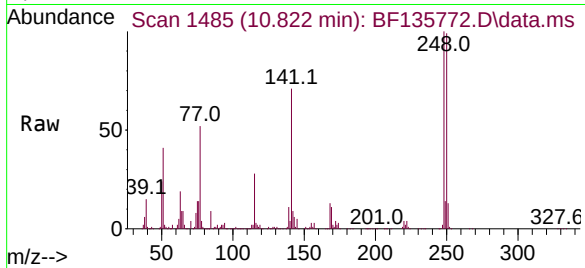




#67
4-Bromophenyl-phenylether
Concen: 46.251 ng
RT: 10.822 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

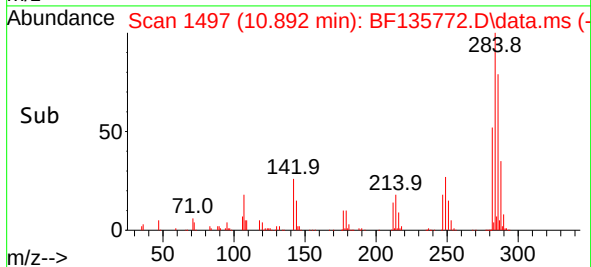
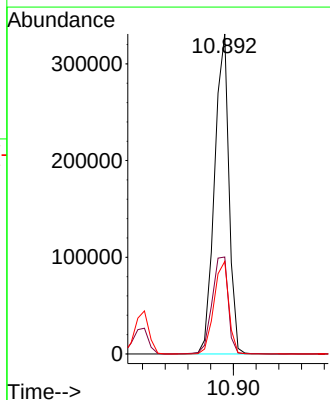
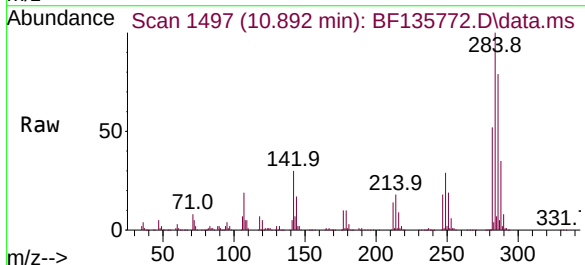
Instrument :
BNA_F
ClientSampleId :
PB156084BS

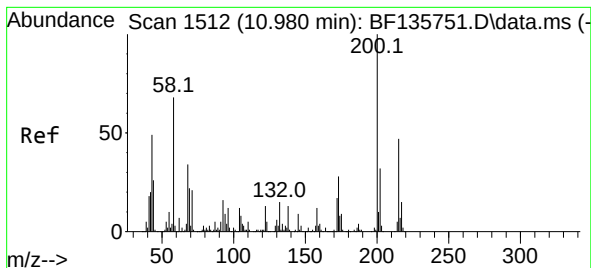
Tgt Ion:248 Resp: 269051
Ion Ratio Lower Upper
248 100
250 99.4 78.0 117.0
141 71.1 59.0 88.6



#68
Hexachlorobenzene
Concen: 49.117 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:284 Resp: 290900
Ion Ratio Lower Upper
284 100
142 30.3 25.3 37.9
249 28.9 23.5 35.3





#69

Atrazine

Concen: 54.197 ng

RT: 10.992 min Scan# 1514

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

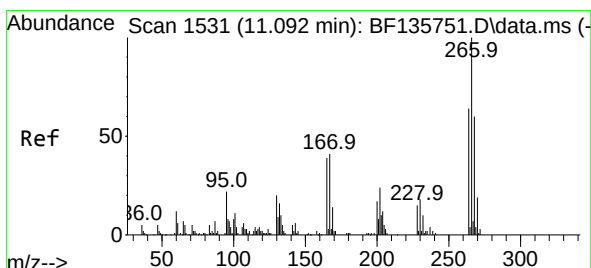
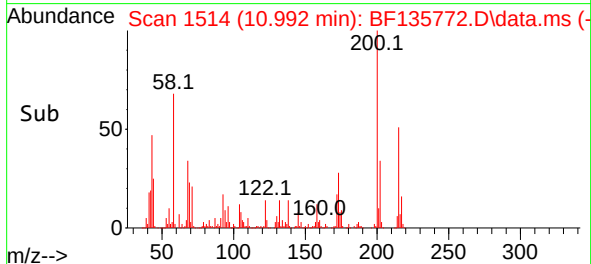
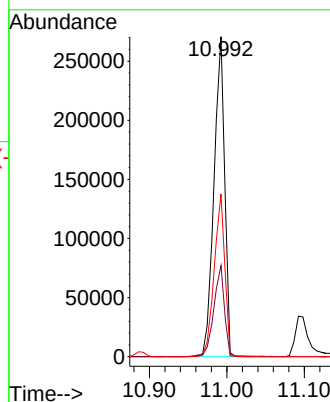
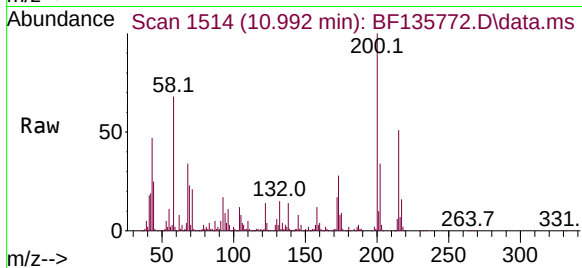
Tgt Ion:200 Resp: 260383

Ion Ratio Lower Upper

200 100

173 28.5 7.6 47.6

215 50.8 27.1 67.1



#70

Pentachlorophenol

Concen: 111.613 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

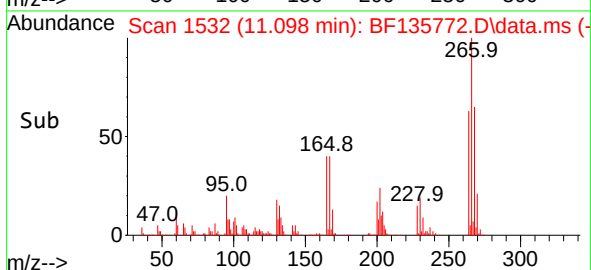
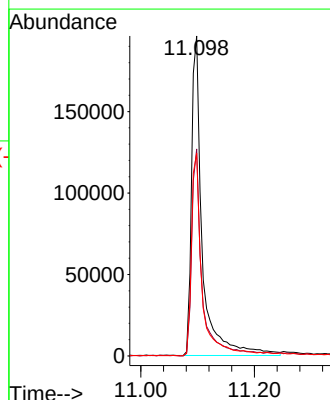
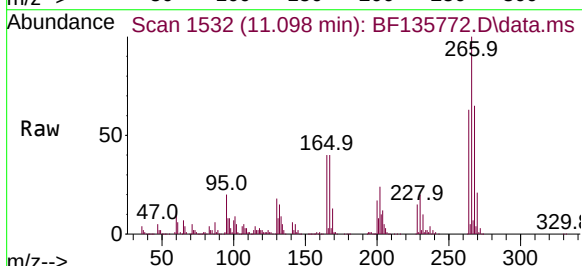
Tgt Ion:266 Resp: 260716

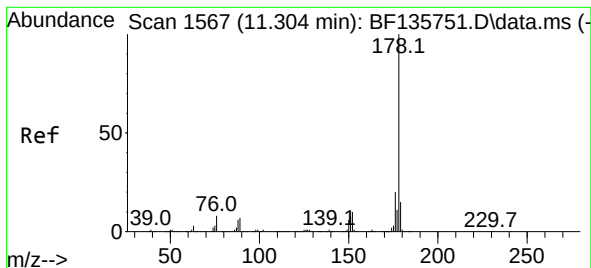
Ion Ratio Lower Upper

266 100

268 64.7 47.7 71.5

264 63.3 51.4 77.2





#71

Phenanthrene

Concen: 45.121 ng

RT: 11.310 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

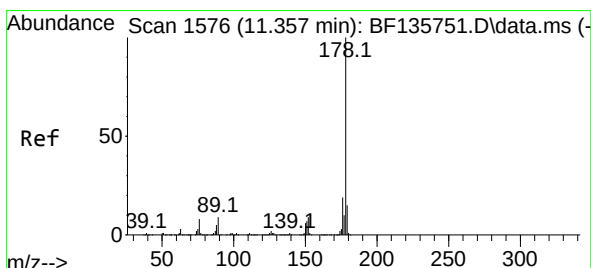
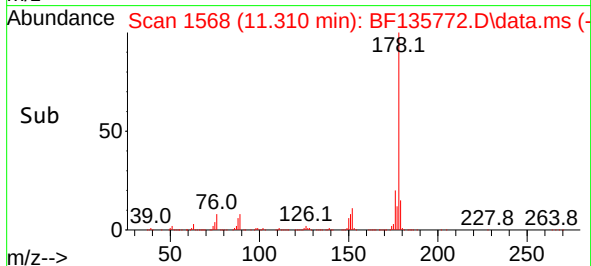
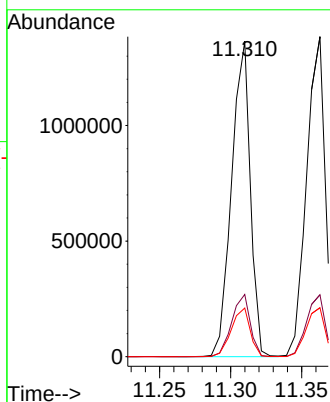
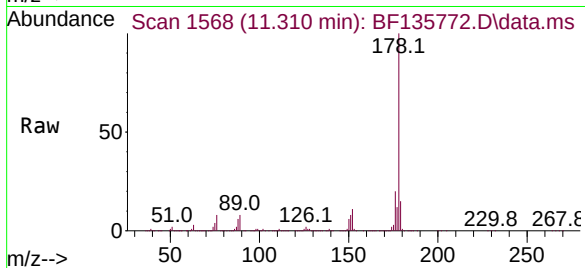
Tgt Ion:178 Resp: 1252612

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.4 12.2 18.4



#72

Anthracene

Concen: 44.307 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

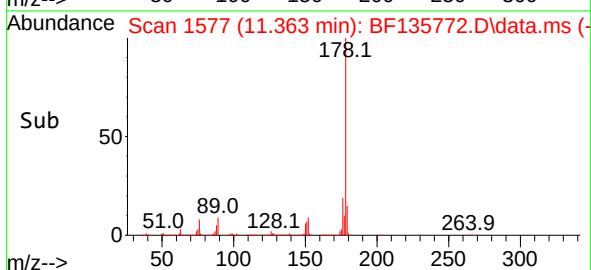
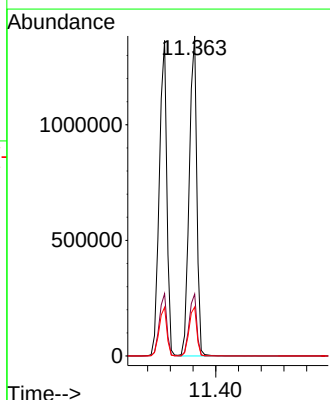
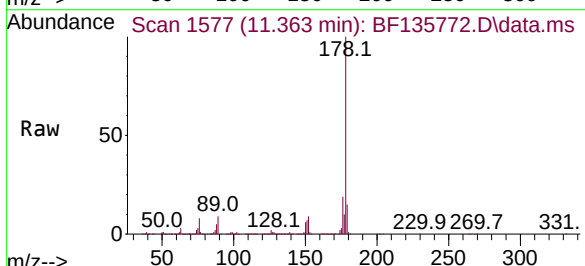
Tgt Ion:178 Resp: 1274577

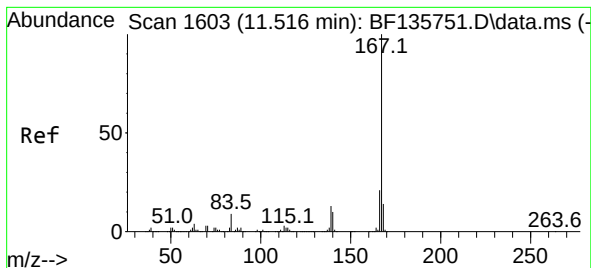
Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

179 15.3 12.3 18.5





#73

Carbazole

Concen: 43.987 ng

RT: 11.522 min Scan# 1604

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

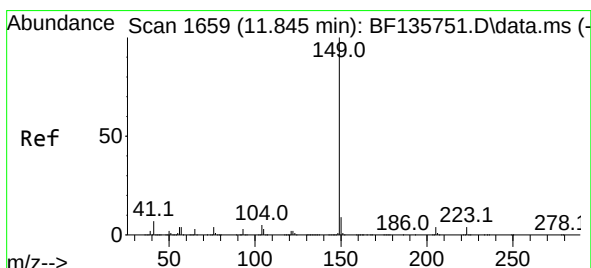
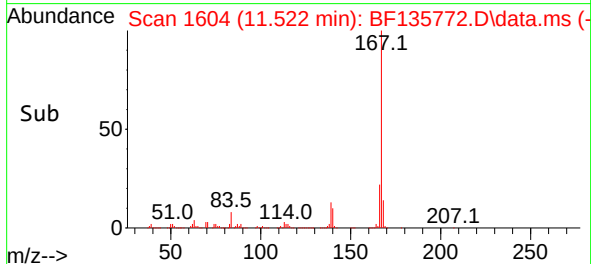
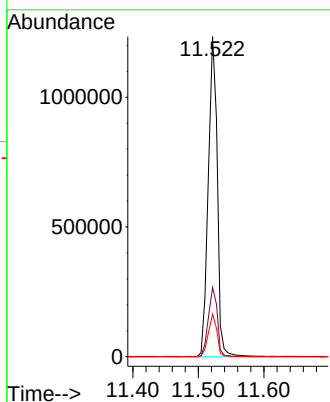
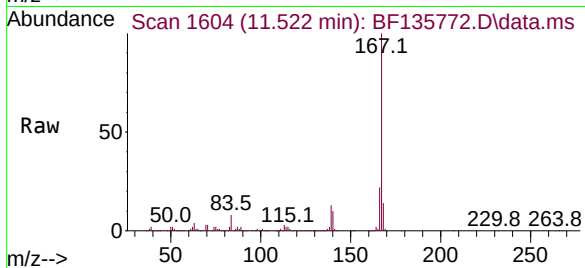
Tgt Ion:167 Resp: 1180133

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

139 13.3 10.2 15.4



#74

Di-n-butylphthalate

Concen: 44.781 ng

RT: 11.845 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

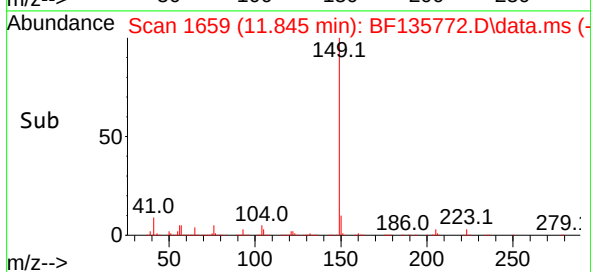
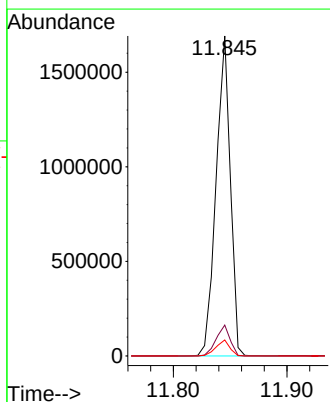
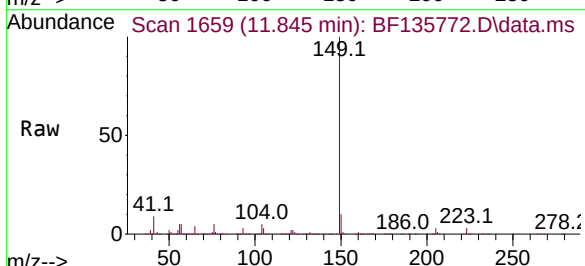
Tgt Ion:149 Resp: 1475091

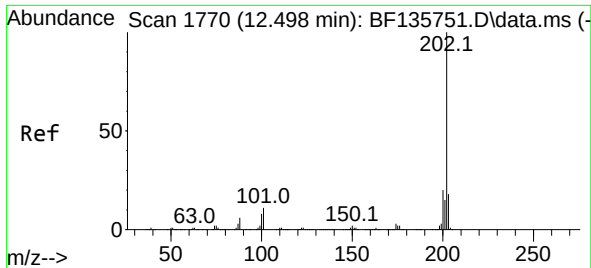
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

104 5.0 3.7 5.5

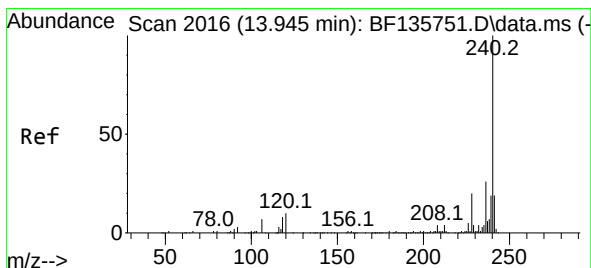
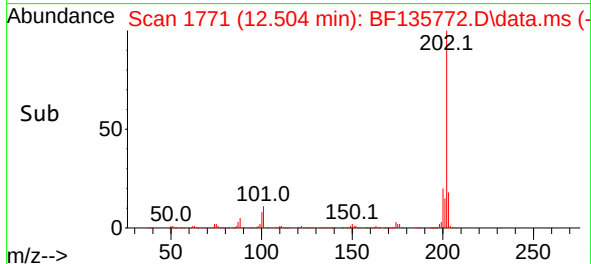
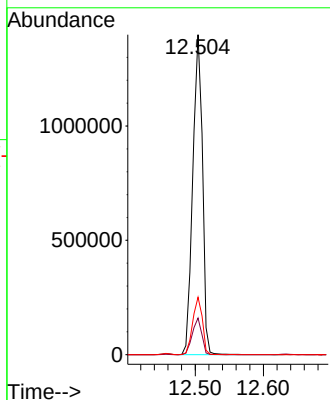
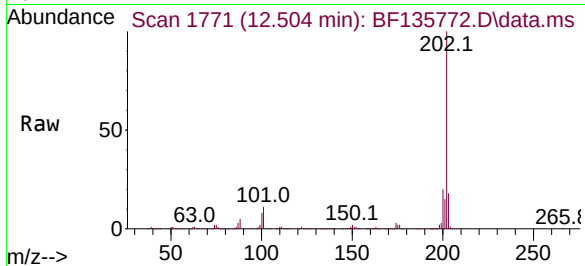




#75
Fluoranthene
Concen: 44.596 ng
RT: 12.504 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

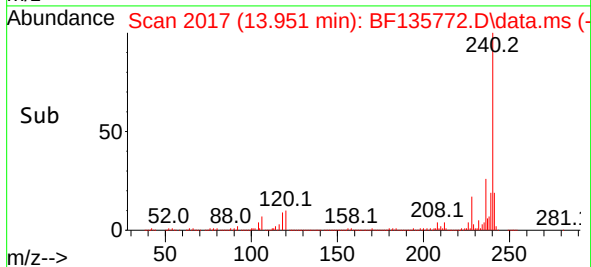
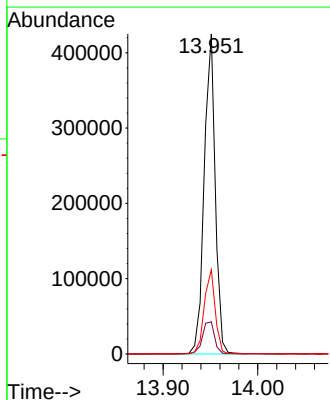
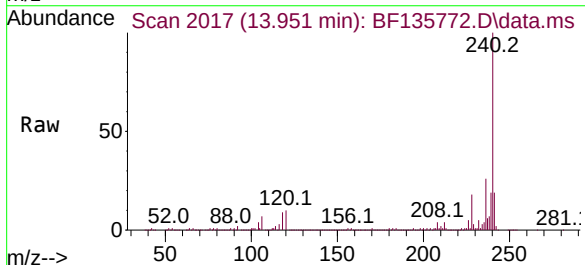
Instrument :
BNA_F
ClientSampleId :
PB156084BS

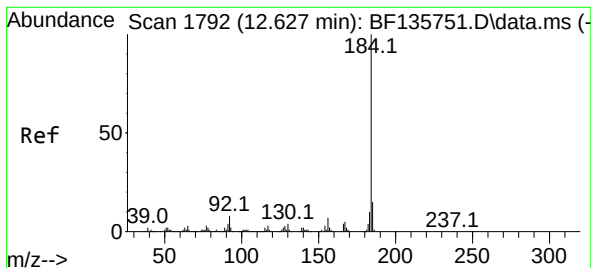
Tgt Ion:202 Resp: 1374050
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.5
203 18.0 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:240 Resp: 343192
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.2
236 26.3 21.2 31.8





#77

Benzidine

Concen: 57.881 ng

RT: 12.633 min Scan# 1793

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

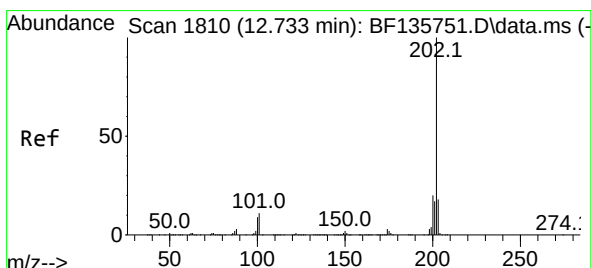
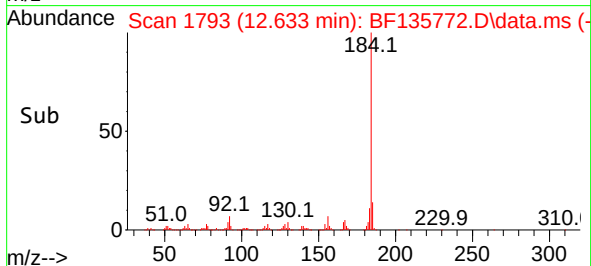
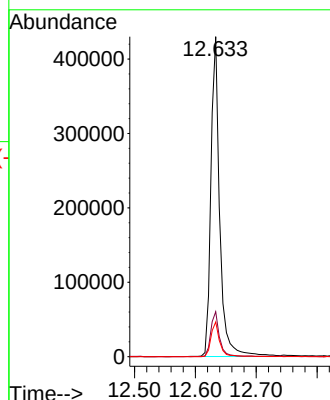
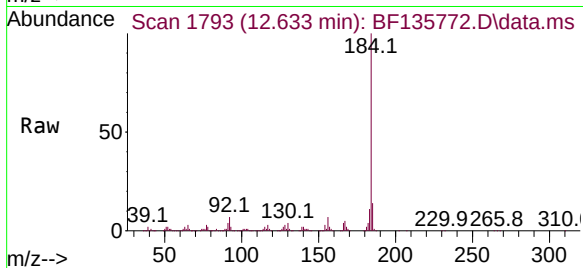
Tgt Ion:184 Resp: 433457

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

183 10.8 8.2 12.2



#78

Pyrene

Concen: 50.648 ng

RT: 12.733 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

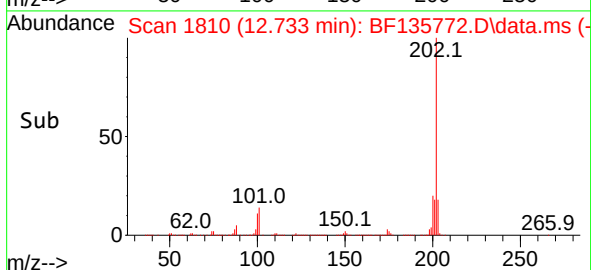
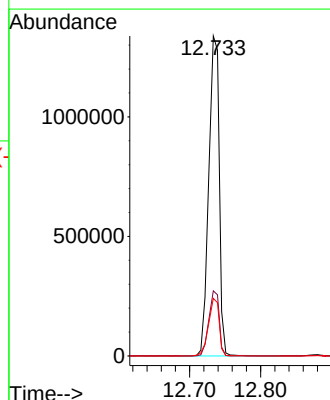
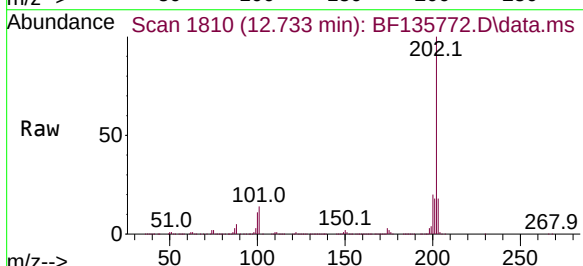
Tgt Ion:202 Resp: 1381265

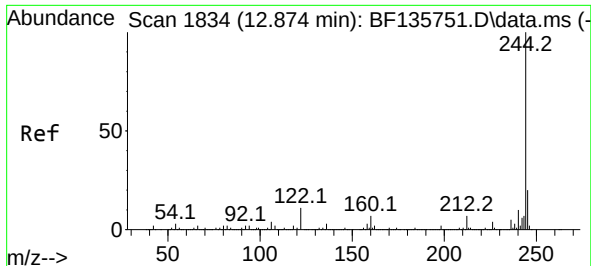
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

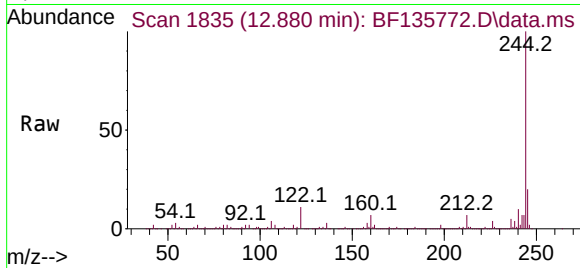
203 18.0 14.2 21.2



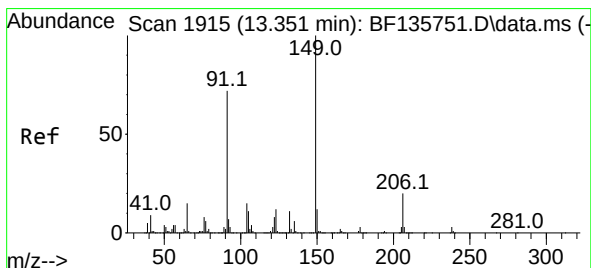
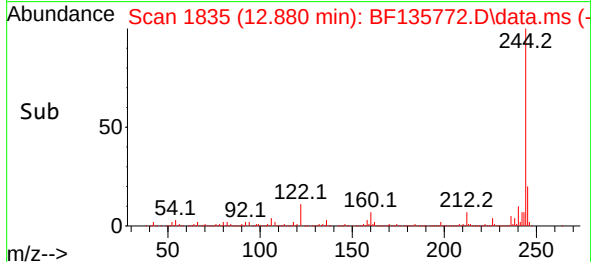
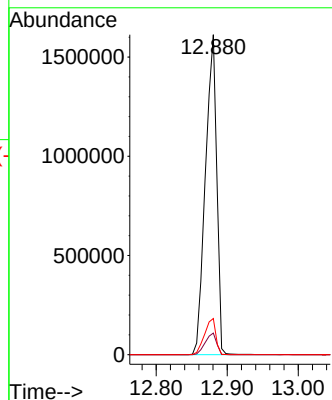


#79
 Terphenyl-d14
 Concen: 96.691 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB156084BS

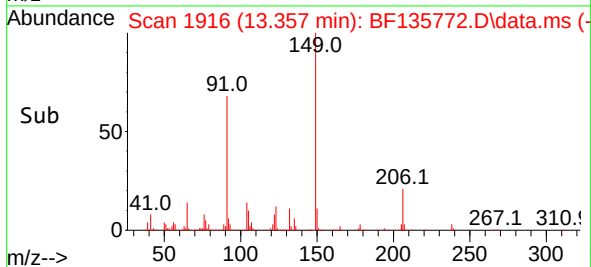
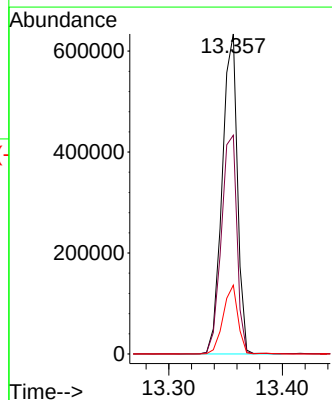
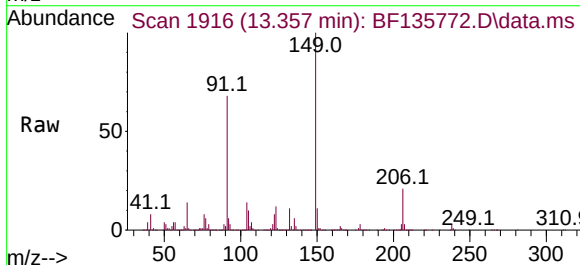


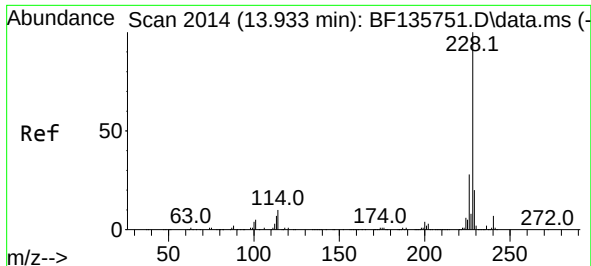
Tgt Ion:244 Resp: 1791863
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.3 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 49.451 ng
 RT: 13.357 min Scan# 1916
 Delta R.T. 0.000 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

Tgt Ion:149 Resp: 592628
 Ion Ratio Lower Upper
 149 100
 91 68.4 57.4 86.0
 206 21.5 16.2 24.4

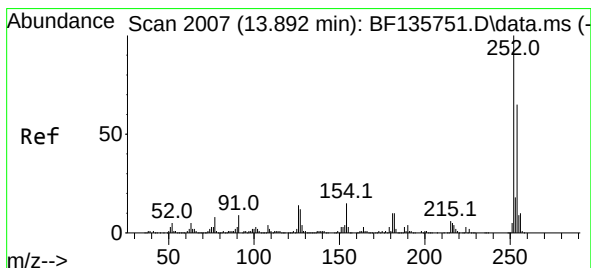
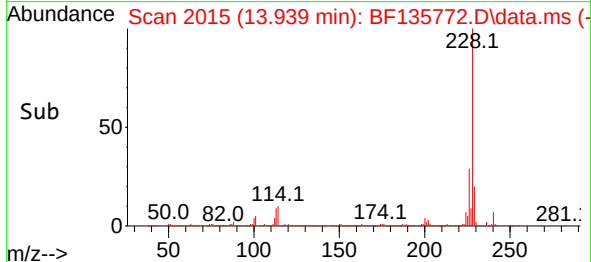
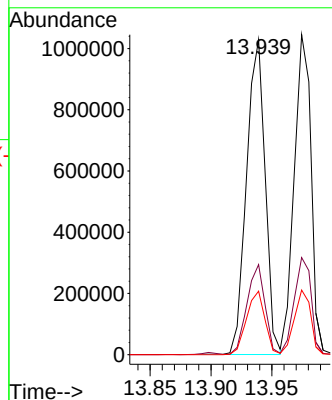
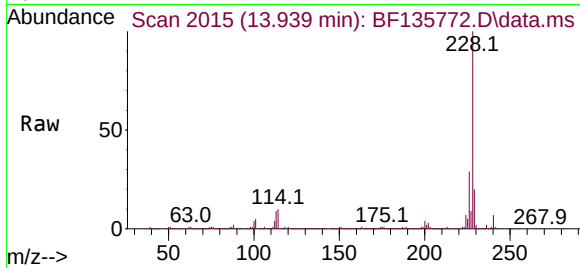




#81
Benzo(a)anthracene
Concen: 48.625 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

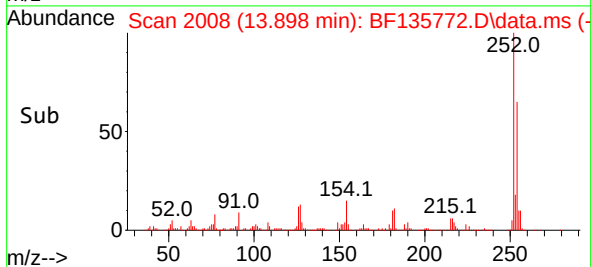
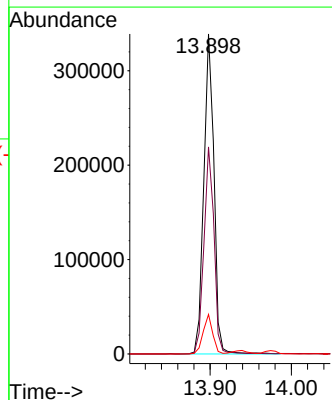
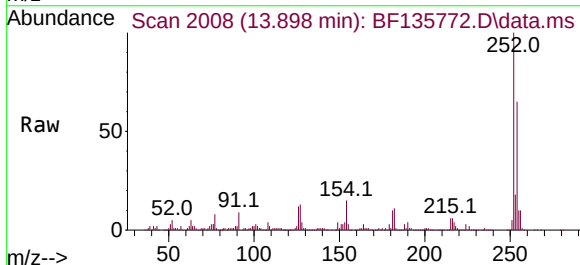
Instrument :
BNA_F
ClientSampleId :
PB156084BS

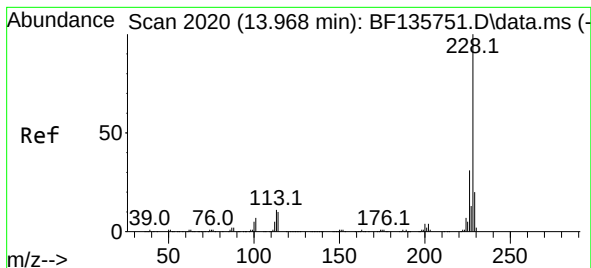
Tgt Ion:228 Resp: 1096106
Ion Ratio Lower Upper
228 100
226 28.6 22.2 33.2
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.431 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:252 Resp: 294795
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 12.4 11.0 16.4





#83

Chrysene

Concen: 46.233 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

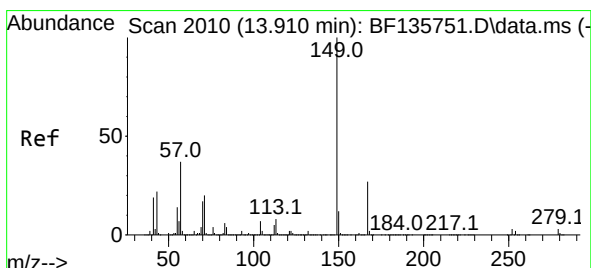
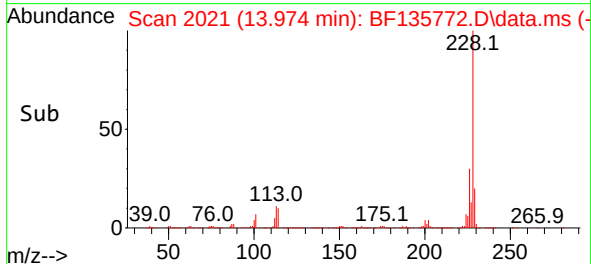
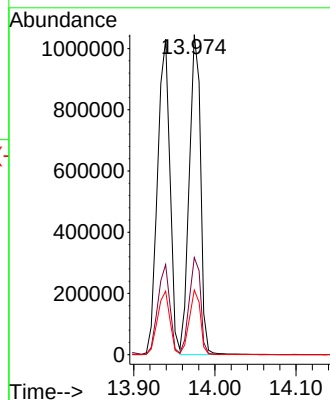
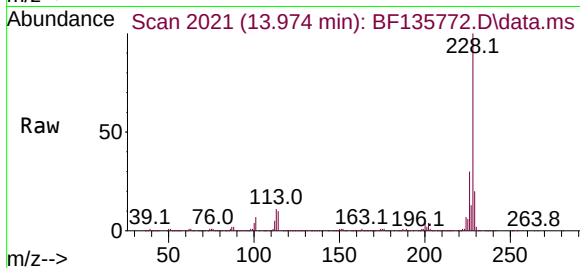
Tgt Ion:228 Resp: 1009436

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.622 ng

RT: 13.916 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

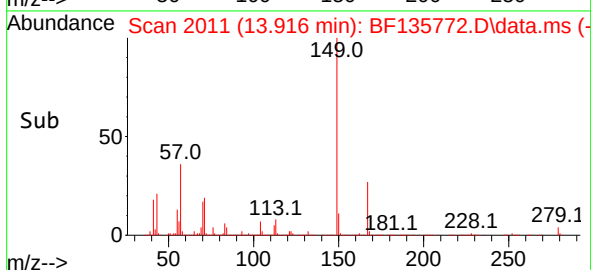
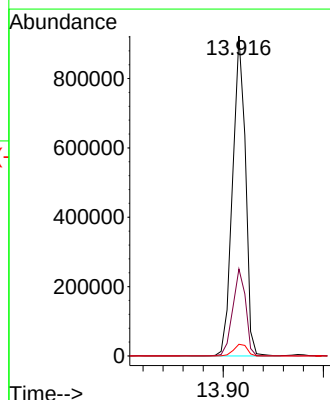
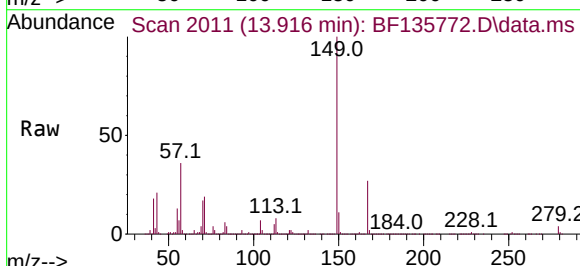
Tgt Ion:149 Resp: 822238

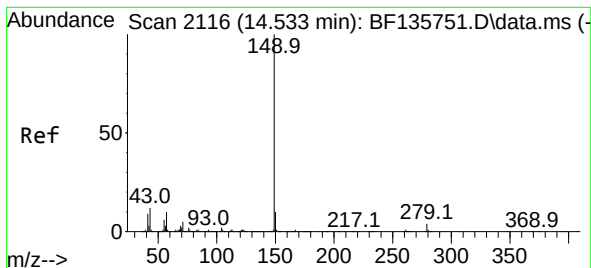
Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

279 3.7 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 49.265 ng

RT: 14.533 min Scan# 2116

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

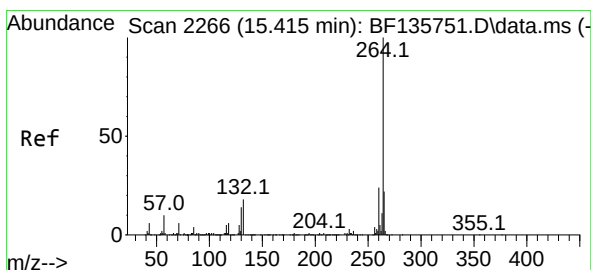
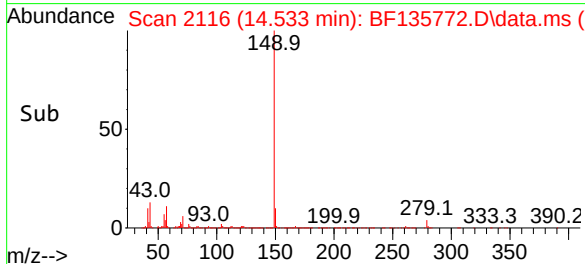
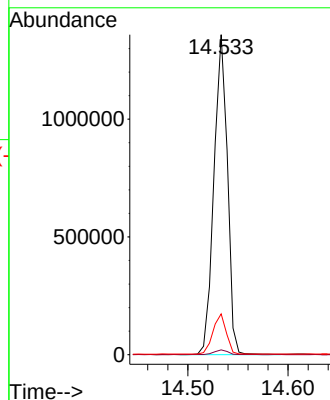
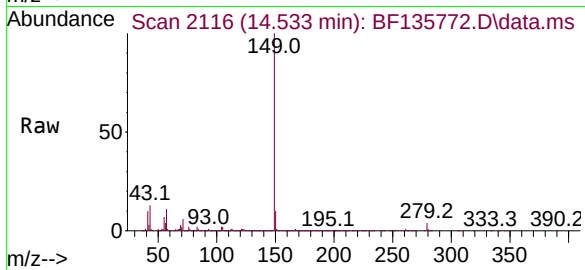
Tgt Ion:149 Resp: 1268869

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.4 10.1 15.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

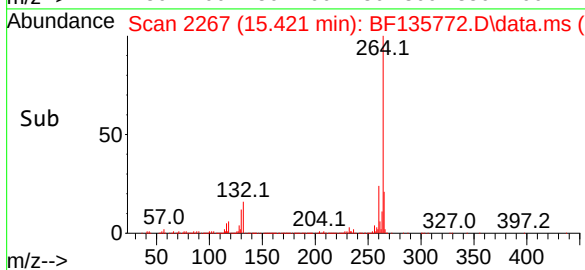
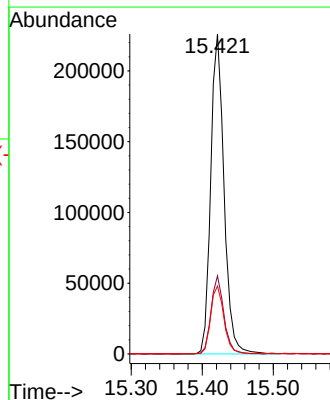
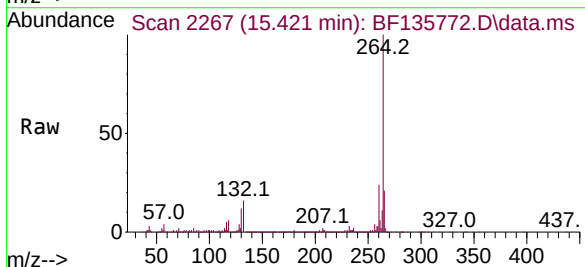
Tgt Ion:264 Resp: 295105

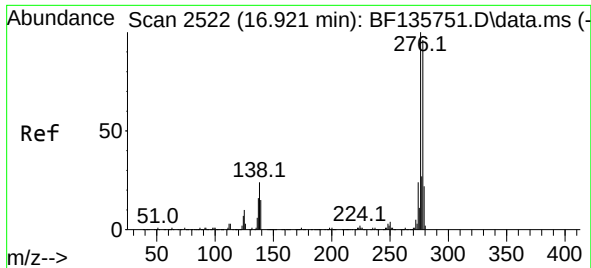
Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.2 17.4 26.2

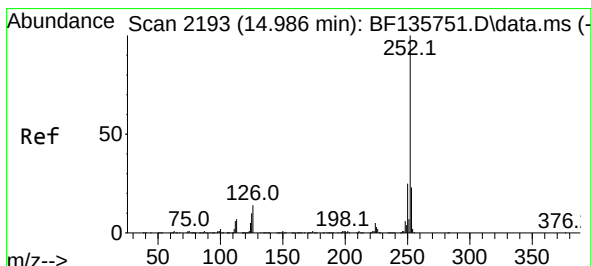
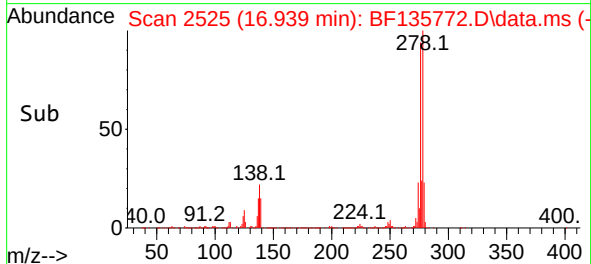
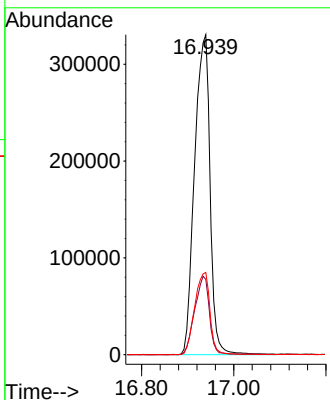
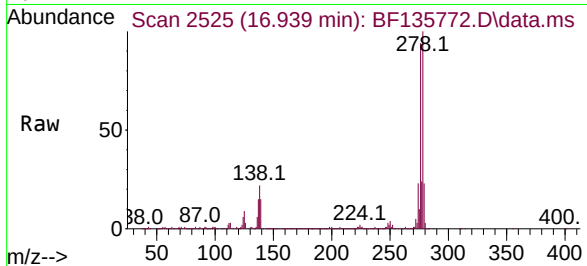




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.016 ng
 RT: 16.939 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

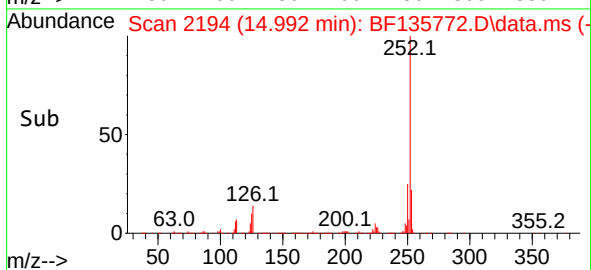
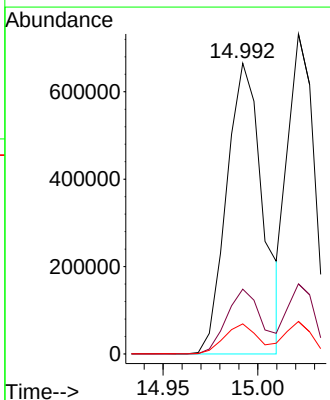
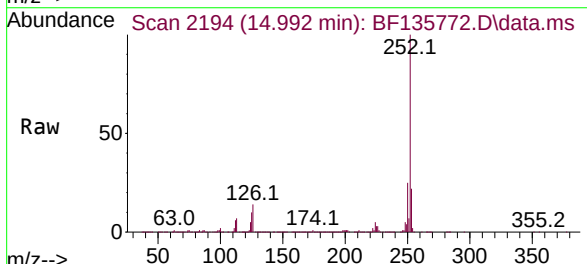
Instrument :
 BNA_F
 ClientSampleId :
 PB156084BS

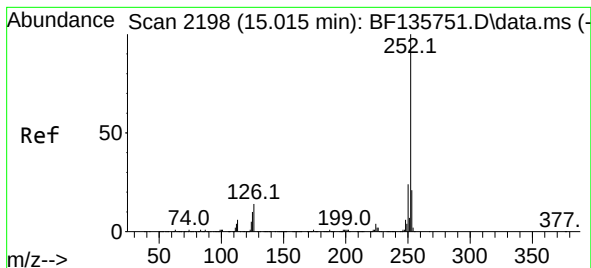
Tgt Ion:276 Resp: 772082
 Ion Ratio Lower Upper
 276 100
 138 23.5 19.8 29.6
 277 25.4 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 53.370 ng
 RT: 14.992 min Scan# 2194
 Delta R.T. 0.000 min
 Lab File: BF135772.D
 Acq: 16 Oct 2023 12:39

Tgt Ion:252 Resp: 881461
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.2
 125 10.4 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 45.408 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

Instrument :

BNA_F

ClientSampleId :

PB156084BS

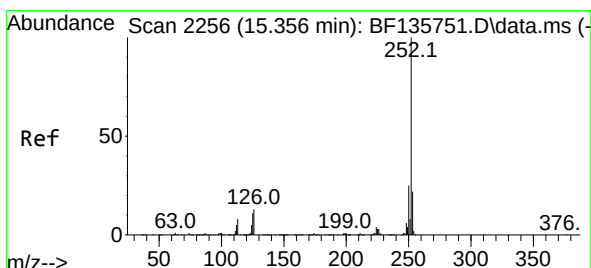
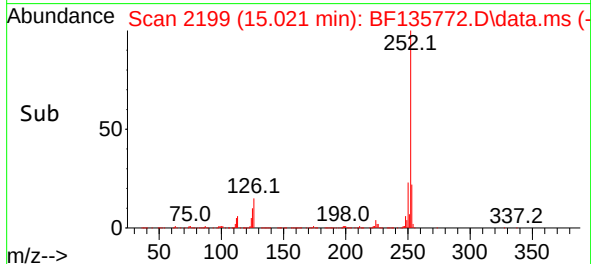
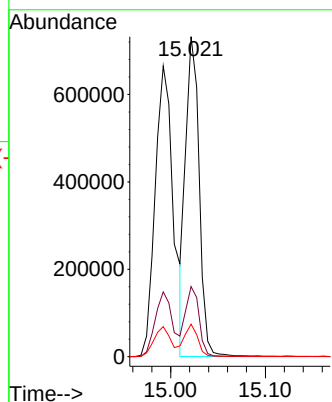
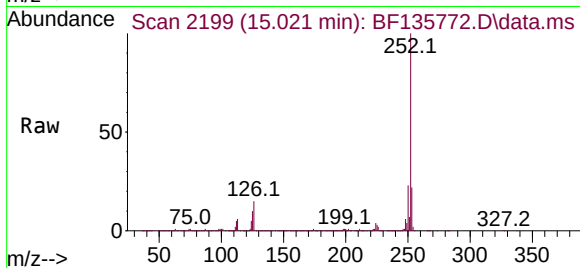
Tgt Ion:252 Resp: 728107

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 45.272 ng

RT: 15.363 min Scan# 2257

Delta R.T. 0.000 min

Lab File: BF135772.D

Acq: 16 Oct 2023 12:39

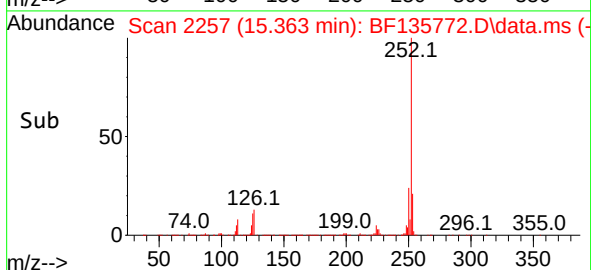
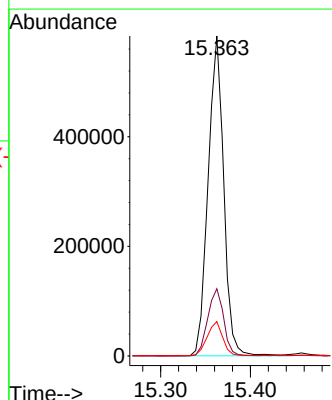
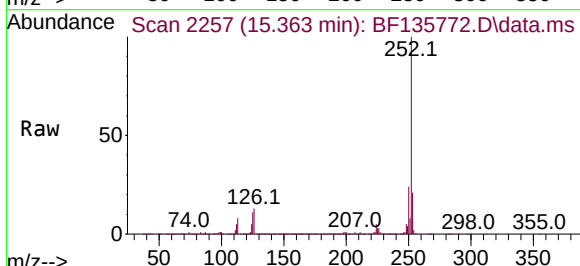
Tgt Ion:252 Resp: 703106

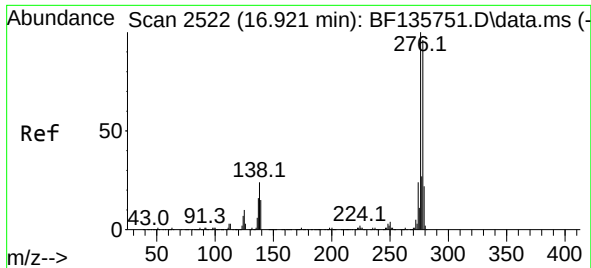
Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 10.8 8.8 13.2

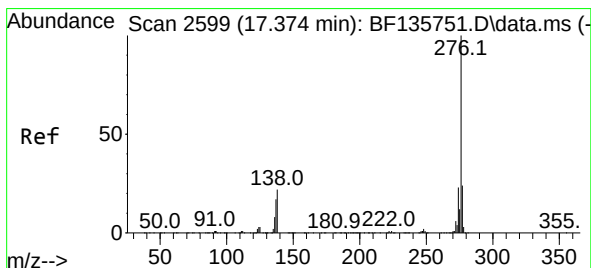
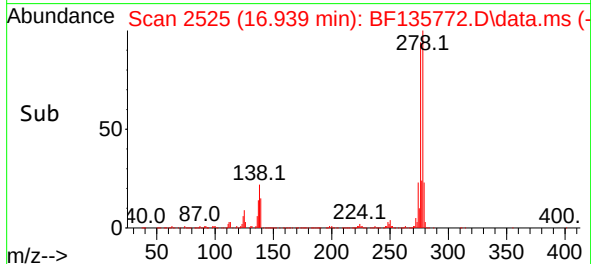
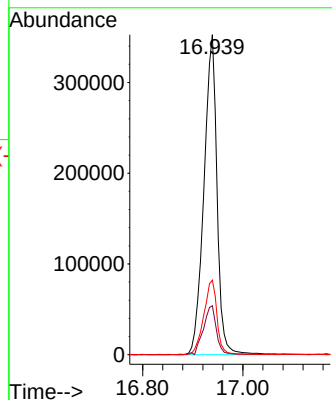
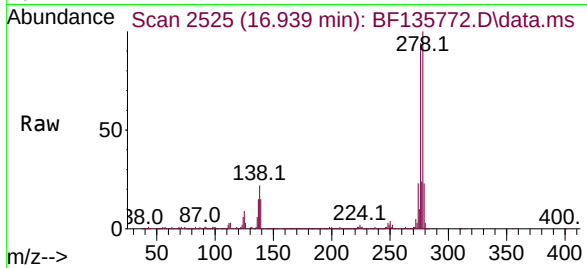




#91
Dibenzo(a,h)anthracene
Concen: 48.575 ng
RT: 16.939 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Instrument :
BNA_F
ClientSampleId :
PB156084BS

Tgt Ion:278 Resp: 640300
Ion Ratio Lower Upper
278 100
139 15.3 12.5 18.7
279 23.3 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 48.302 ng
RT: 17.386 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BF135772.D
Acq: 16 Oct 2023 12:39

Tgt Ion:276 Resp: 654017
Ion Ratio Lower Upper
276 100
277 24.4 19.4 29.2
138 20.4 17.3 25.9

