

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135170.D
 Acq On : 12 Sep 2023 08:53
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 01:54:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109683	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	431522	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	220664	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	429741	20.000	ng	0.00
76) Chrysene-d12	13.951	240	231225	20.000	ng	0.00
86) Perylene-d12	15.409	264	204250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	524059	77.711	ng	0.00
7) Phenol-d6	6.404	99	666971	77.781	ng	0.00
23) Nitrobenzene-d5	7.334	82	632602	79.646	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	176072	80.293	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1122017	76.714	ng	0.00
79) Terphenyl-d14	12.892	244	1104515	74.050	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	117685	39.808	ng	98
3) Pyridine	3.210	79	323621	40.673	ng	99
4) n-Nitrosodimethylamine	3.187	42	169828	40.223	ng	100
6) Aniline	6.434	93	443786	39.466	ng	100
8) 2-Chlorophenol	6.551	128	282369	39.224	ng	98
9) Benzaldehyde	6.322	77	186945	38.269	ng	100
10) Phenol	6.422	94	364378	38.752	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	279083	39.568	ng	99
12) 1,3-Dichlorobenzene	6.704	146	290304	39.679	ng	97
13) 1,4-Dichlorobenzene	6.781	146	289224	38.856	ng	99
14) 1,2-Dichlorobenzene	6.934	146	267171	38.650	ng	99
15) Benzyl Alcohol	6.910	79	241717	39.282	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.045	45	514773	38.720	ng	99
17) 2-Methylphenol	7.022	107	249784	39.319	ng	100
18) Hexachloroethane	7.275	117	107357	39.034	ng	95
19) n-Nitroso-di-n-propyla...	7.186	70	200057	37.666	ng	99
20) 3+4-Methylphenols	7.181	107	291920	38.214	ng	98
22) Acetophenone	7.181	105	373920	37.901	ng	98
24) Nitrobenzene	7.351	77	312212	39.770	ng	98
25) Isophorone	7.592	82	566471	38.840	ng	99
26) 2-Nitrophenol	7.663	139	153890	40.843	ng	98
27) 2,4-Dimethylphenol	7.704	122	249624	39.415	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	343487	39.348	ng	99
29) 2,4-Dichlorophenol	7.904	162	230034	39.198	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	238087	38.815	ng	97
31) Naphthalene	8.069	128	821411	39.178	ng	100
32) Benzoic acid	7.834	122	174809	36.655	ng	94
33) 4-Chloroaniline	8.122	127	367282	39.927	ng	99
34) Hexachlorobutadiene	8.181	225	146124	39.507	ng	99
35) Caprolactam	8.498	113	79616	40.423	ng	94
36) 4-Chloro-3-methylphenol	8.604	107	258926	39.698	ng	97
37) 2-Methylnaphthalene	8.757	142	547644	38.858	ng	99
38) 1-Methylnaphthalene	8.857	142	506944	38.420	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	253902	39.717	ng	100
41) Hexachlorocyclopentadiene	8.910	237	95721	38.229	ng	100
43) 2,4,6-Trichlorophenol	9.039	196	167823	40.095	ng	98

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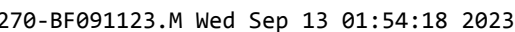
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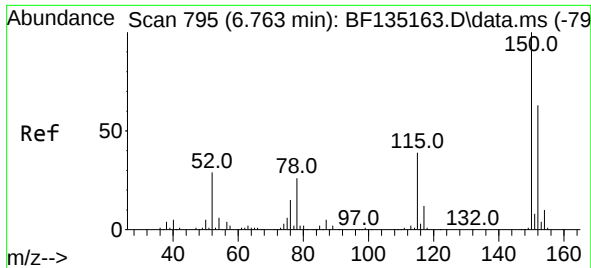
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	190236	39.466	ng	99
46) 1,1'-Biphenyl	9.228	154	666695	39.315	ng	100
47) 2-Chloronaphthalene	9.251	162	480598	39.061	ng	99
48) 2-Nitroaniline	9.351	65	191330	40.027	ng	99
49) Acenaphthylene	9.663	152	811902	39.706	ng	99
50) Dimethylphthalate	9.533	163	586675	39.324	ng	99
51) 2,6-Dinitrotoluene	9.598	165	133526	40.855	ng	# 77
52) Acenaphthene	9.839	154	472486	39.114	ng	99
53) 3-Nitroaniline	9.763	138	158138	41.220	ng	99
54) 2,4-Dinitrophenol	9.875	184	64643	38.367	ng	99
55) Dibenzofuran	10.010	168	723029	39.224	ng	100
56) 4-Nitrophenol	9.927	139	103640	42.506	ng	99
57) 2,4-Dinitrotoluene	9.998	165	166815	40.770	ng	94
58) Fluorene	10.351	166	553175	39.036	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	152786	41.205	ng	98
60) Diethylphthalate	10.233	149	590197	39.418	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	262555	38.570	ng	99
62) 4-Nitroaniline	10.380	138	149664	40.584	ng	99
63) Azobenzene	10.510	77	578752	39.495	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	92858	40.683	ng	99
66) n-Nitrosodiphenylamine	10.469	169	509728	39.179	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	169397	39.633	ng	99
68) Hexachlorobenzene	10.898	284	173490	39.843	ng	# 90
69) Atrazine	10.998	200	141975	40.556	ng	99
70) Pentachlorophenol	11.098	266	112351	43.126	ng	96
71) Phenanthrene	11.316	178	795528	39.141	ng	99
72) Anthracene	11.369	178	822244	39.357	ng	100
73) Carbazole	11.527	167	757559	39.833	ng	99
74) Di-n-butylphthalate	11.863	149	913327	40.755	ng	99
75) Fluoranthene	12.510	202	826240	39.013	ng	99
77) Benzidine	12.639	184	214282	45.235	ng	99
78) Pyrene	12.739	202	848813	38.557	ng	99
80) Butylbenzylphthalate	13.368	149	316596	40.846	ng	97
81) Benzo(a)anthracene	13.939	228	575293	38.531	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	185227	39.717	ng	99
83) Chrysene	13.974	228	569696	38.377	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	317644	39.936	ng	98
85) Di-n-octyl phthalate	14.551	149	487677	38.582	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	545308	40.719	ng	100
88) Benzo(b)fluoranthene	14.980	252	443105	40.075	ng	97
89) Benzo(k)fluoranthene	15.010	252	432646	39.612	ng	99
90) Benzo(a)pyrene	15.345	252	426082	40.409	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	444113	40.530	ng	97
92) Benzo(g,h,i)perylene	17.333	276	470588	41.122	ng	99

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

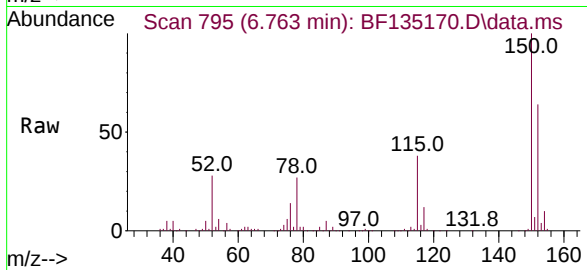
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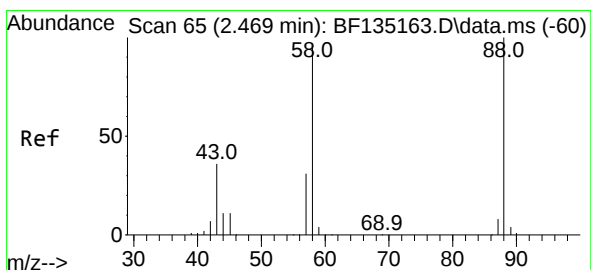
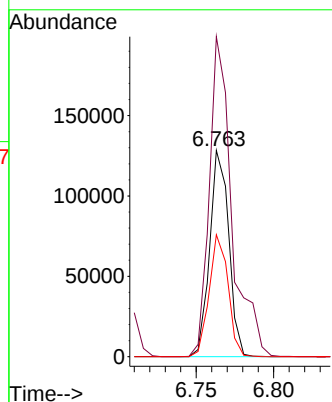
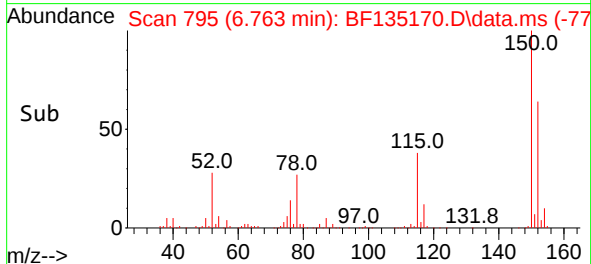


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

Instrument :
 BNA_F
 ClientSampleId :

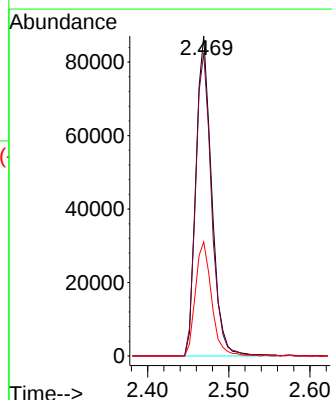
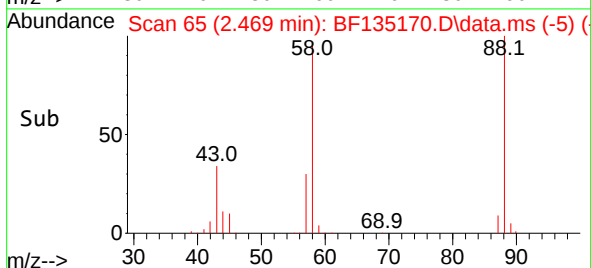
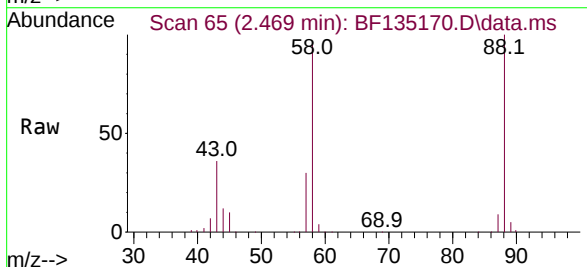


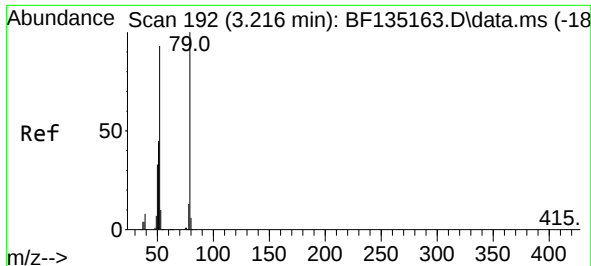
Tgt Ion:152 Resp: 109683
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.8 191.6
 115 59.1 49.8 74.8



#2
 1,4-Dioxane
 Concen: 39.808 ng
 RT: 2.469 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

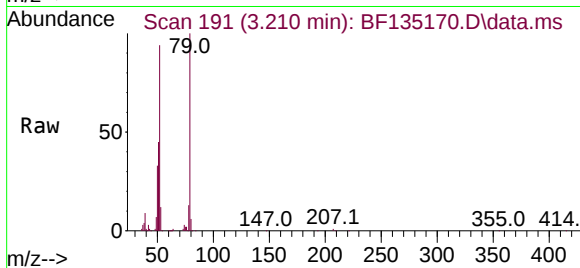
Tgt Ion: 88 Resp: 117685
 Ion Ratio Lower Upper
 88 100
 58 95.7 78.3 117.5
 43 36.4 29.4 44.0



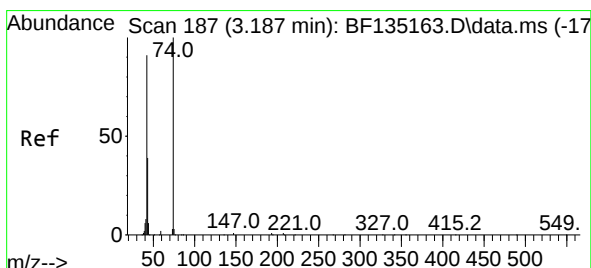
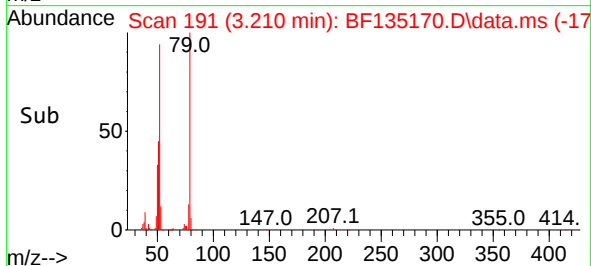
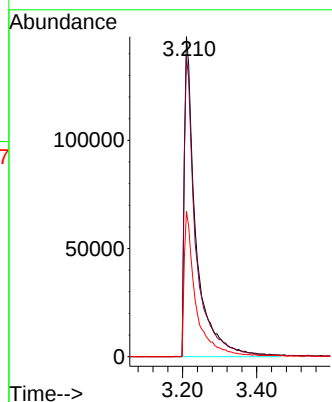


#3
 Pyridine
 Concen: 40.673 ng
 RT: 3.210 min Scan# 192
 Delta R.T. -0.006 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

Instrument :
 BNA_F
 ClientSampleId :

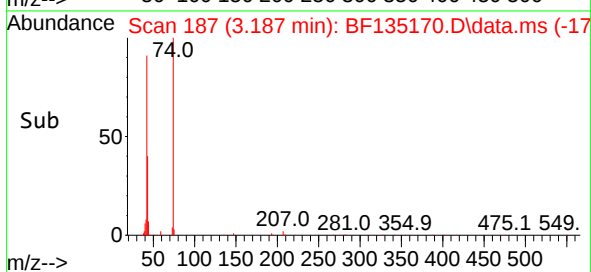
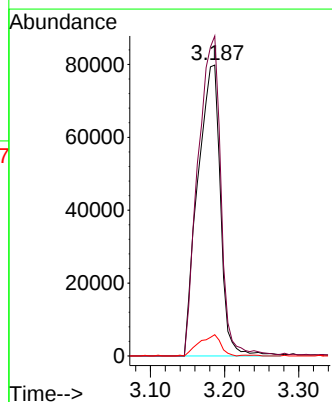
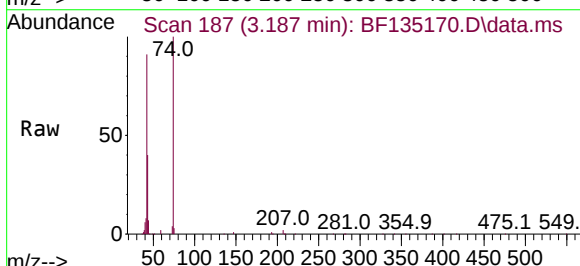


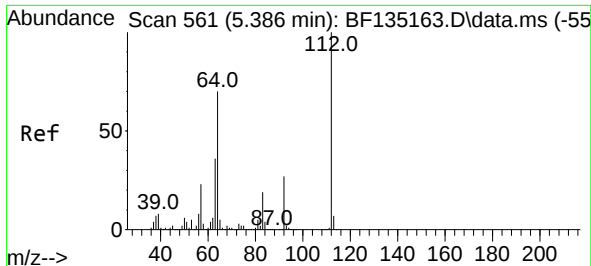
Tgt Ion: 79 Resp: 323621
 Ion Ratio Lower Upper
 79 100
 52 93.9 74.1 111.1
 51 45.4 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 40.223 ng
 RT: 3.187 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

Tgt Ion: 42 Resp: 169828
 Ion Ratio Lower Upper
 42 100
 74 110.0 87.7 131.5
 44 7.3 5.6 8.4

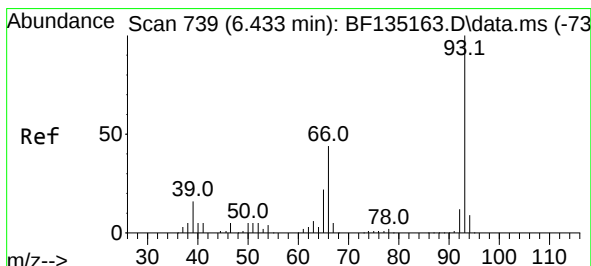
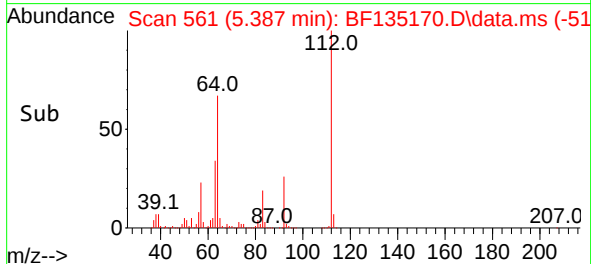
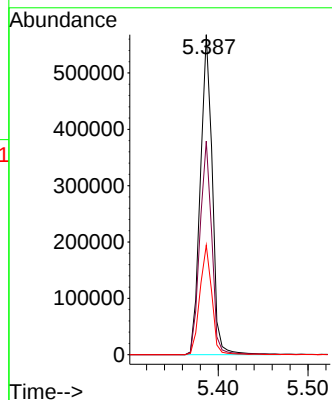
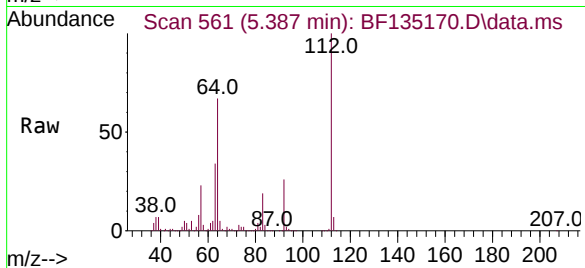




#5
2-Fluorophenol
Concen: 77.711 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

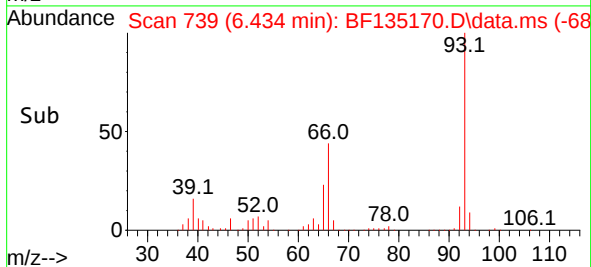
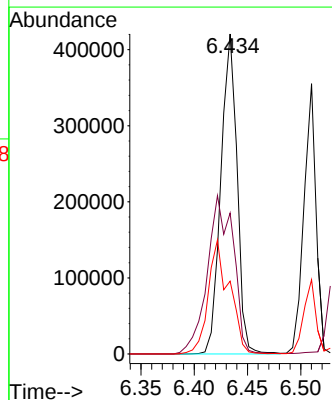
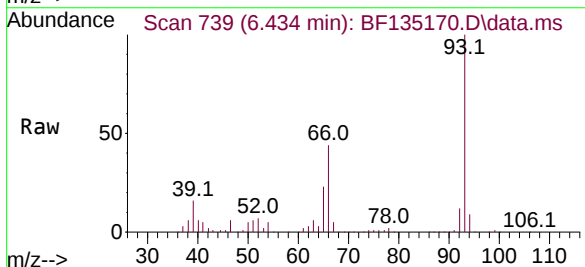
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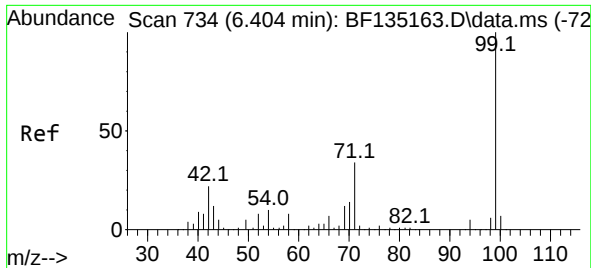
Tgt Ion:112 Resp: 524059
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 34.2 29.0 43.6



#6
Aniline
Concen: 39.466 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion: 93 Resp: 443786
Ion Ratio Lower Upper
93 100
66 44.1 35.4 53.0
65 22.8 17.8 26.8





#7

Phenol-d6

Concen: 77.781 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

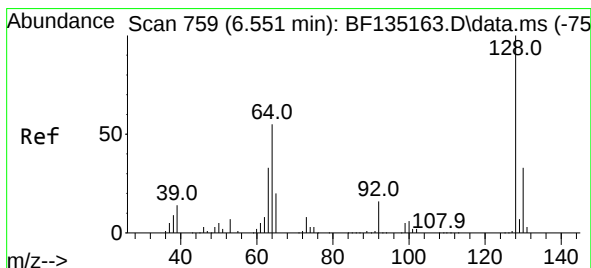
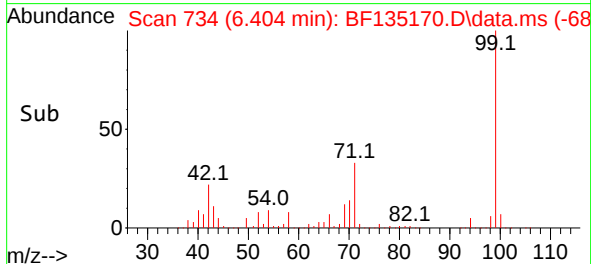
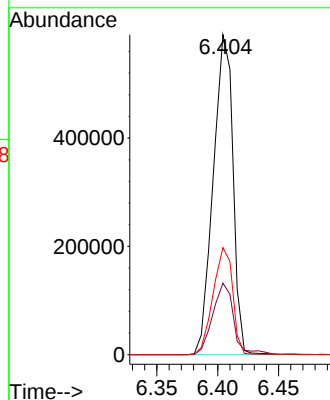
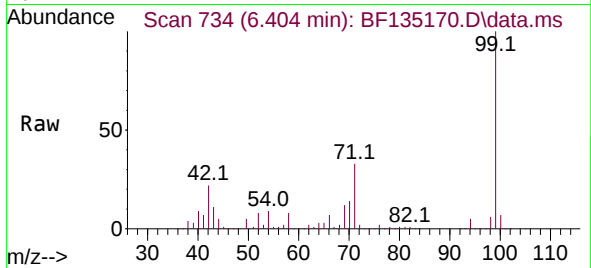
Tgt Ion: 99 Resp: 666971

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 33.5 27.0 40.6



#8

2-Chlorophenol

Concen: 39.224 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

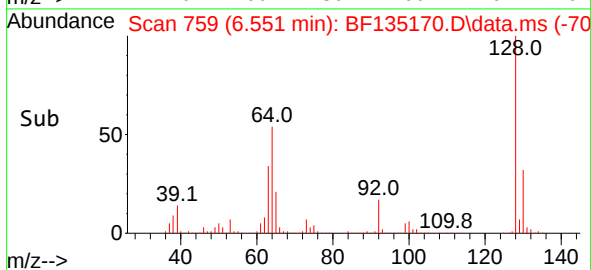
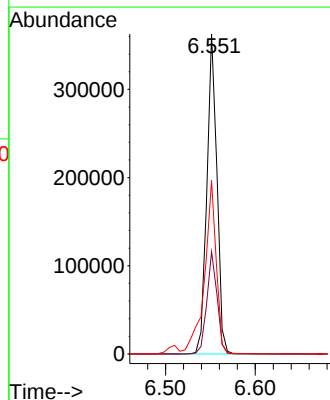
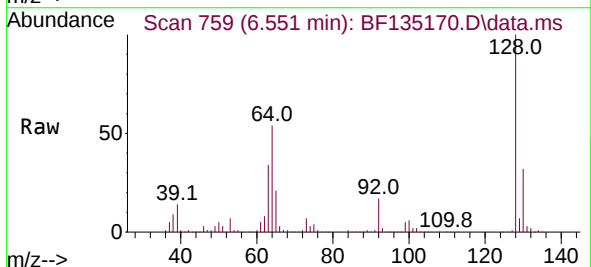
Tgt Ion:128 Resp: 282369

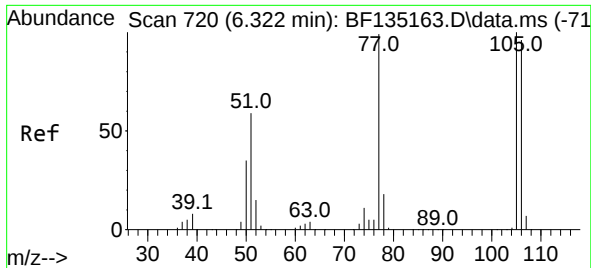
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

64 54.2 35.9 75.9





#9

Benzaldehyde

Concen: 38.269 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

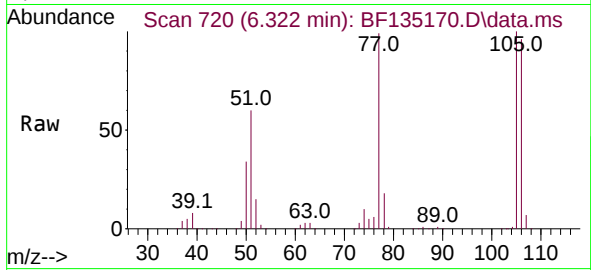
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Acq: 12 Sep 2023 08:53

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ClientSampleId :



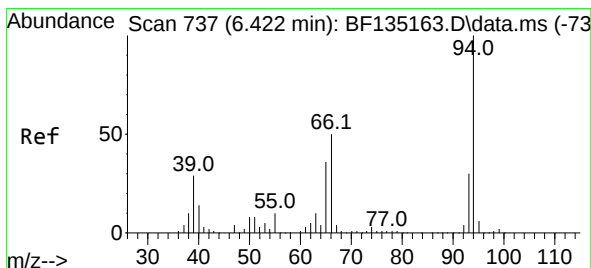
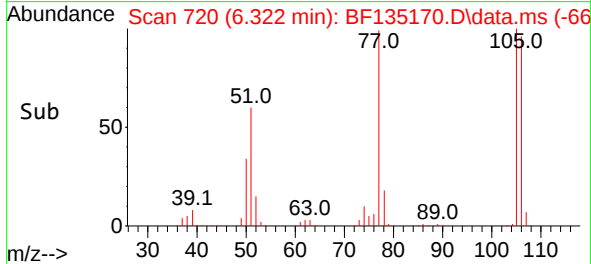
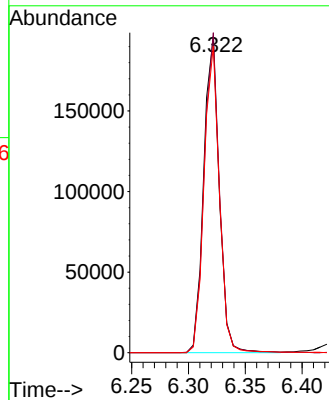
Tgt Ion: 77 Resp: 186945

Ion Ratio Lower Upper

77 100

105 101.1 81.4 121.4

106 96.9 76.9 116.9



#10

Phenol

Concen: 38.752 ng

RT: 6.422 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

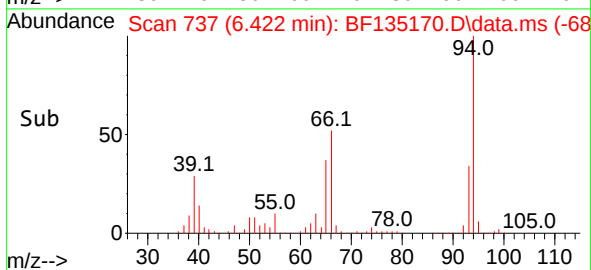
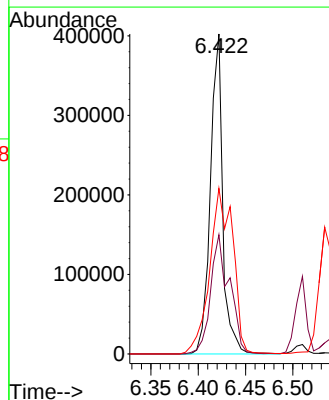
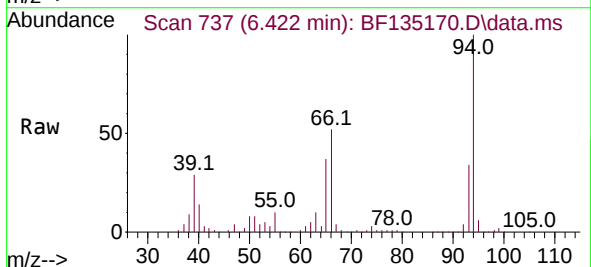
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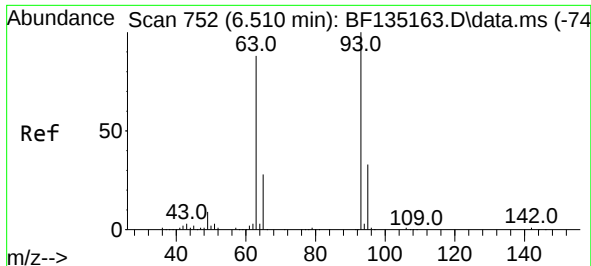
Ion Ratio Lower Upper

94 100

65 37.3 15.9 55.9

66 51.8 29.8 69.8

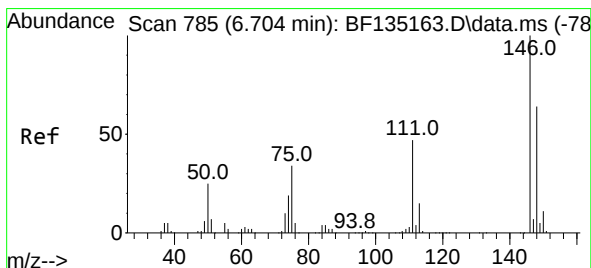
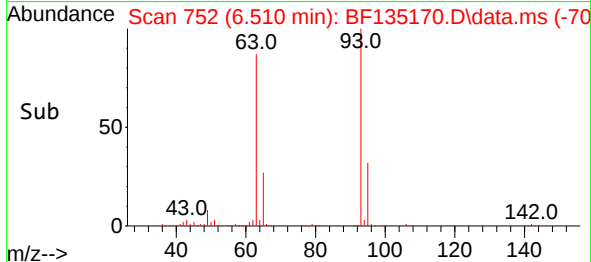
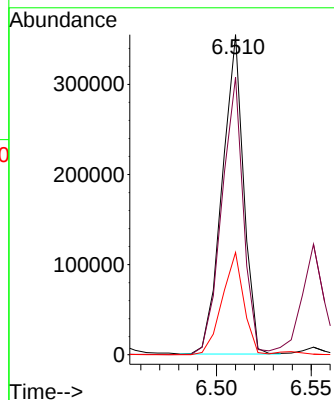
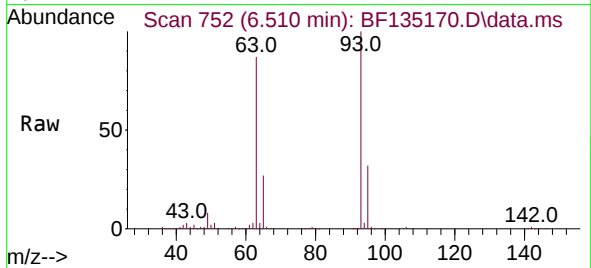




#11
bis(2-Chloroethyl)ether
Concen: 39.568 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

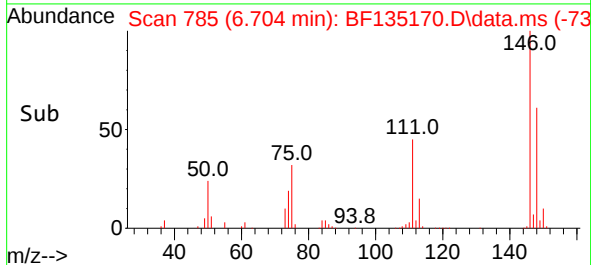
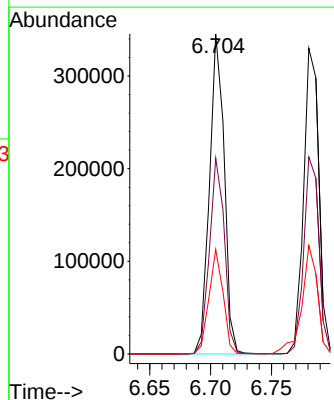
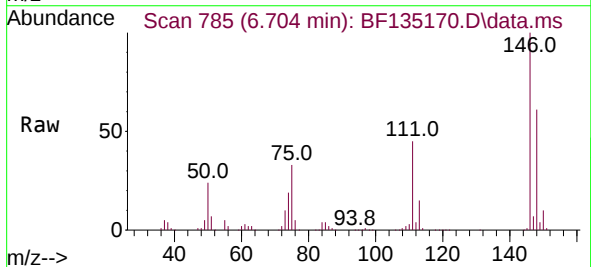
Instrument :
BNA_F
ClientSampleId :

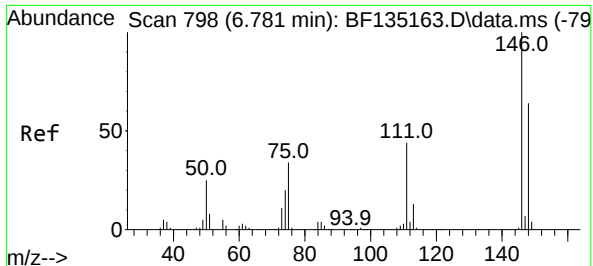
Tgt Ion: 93 Resp: 279083
Ion Ratio Lower Upper
93 100
63 86.8 67.3 107.3
95 31.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.679 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:146 Resp: 290304
Ion Ratio Lower Upper
146 100
148 61.2 51.3 76.9
75 32.7 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 38.856 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

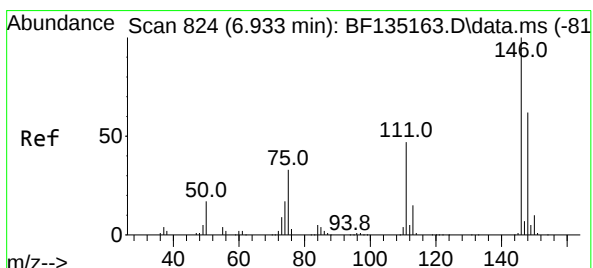
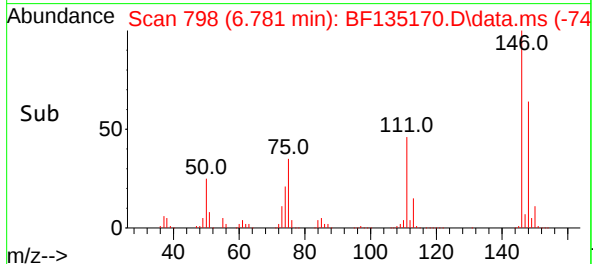
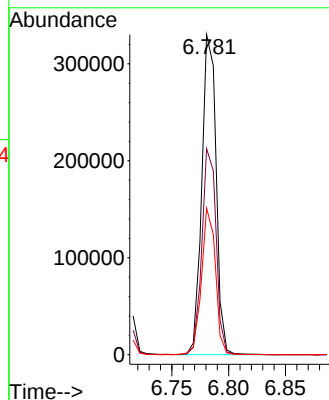
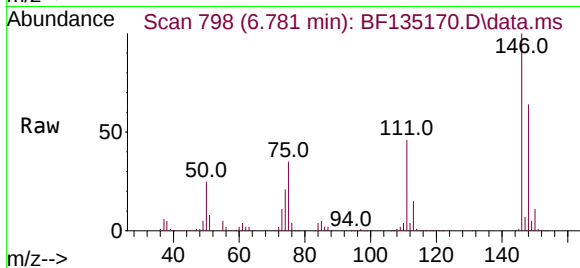
Tgt Ion:146 Resp: 289224

Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

111 45.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 38.650 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

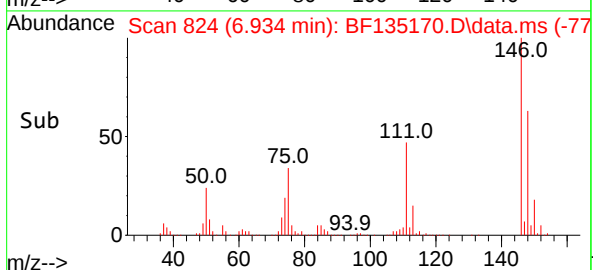
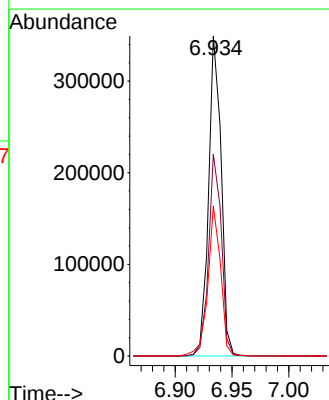
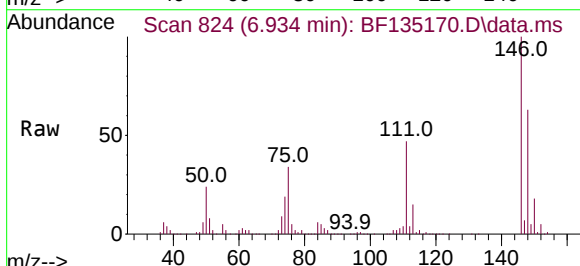
Tgt Ion:146 Resp: 267171

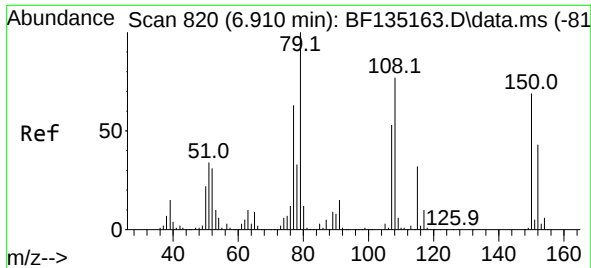
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

111 46.9 37.4 56.2

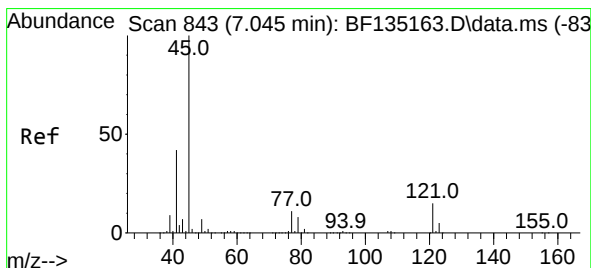
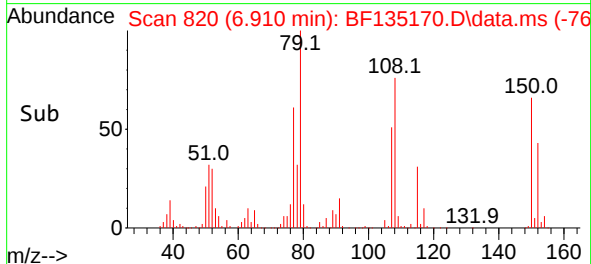
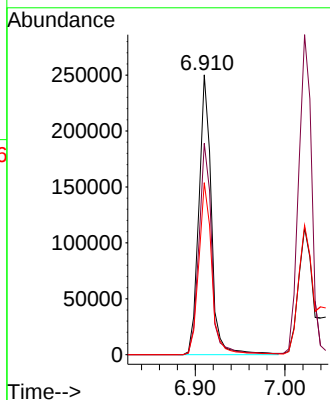
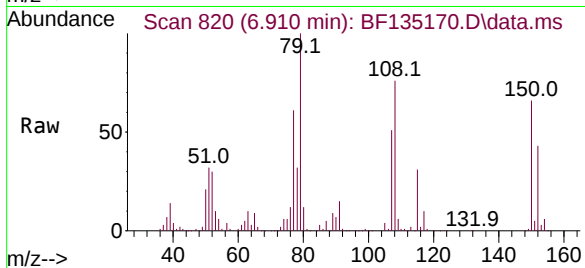




#15
Benzyl Alcohol
Concen: 39.282 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

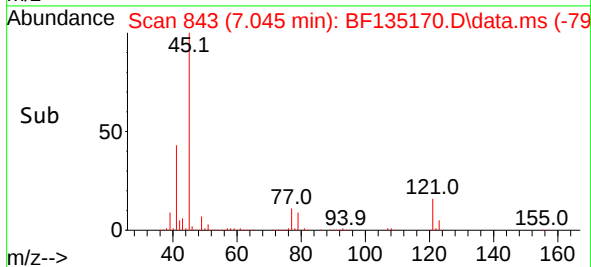
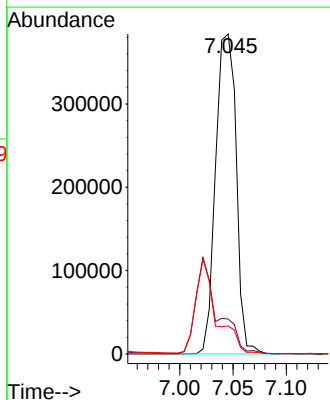
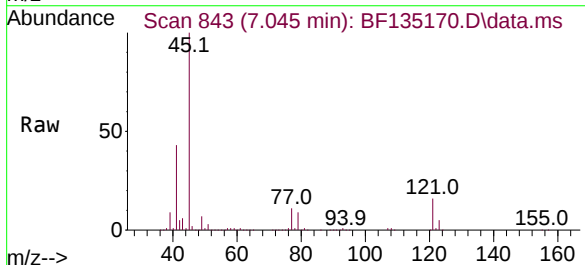
Instrument :
BNA_F
ClientSampleId :

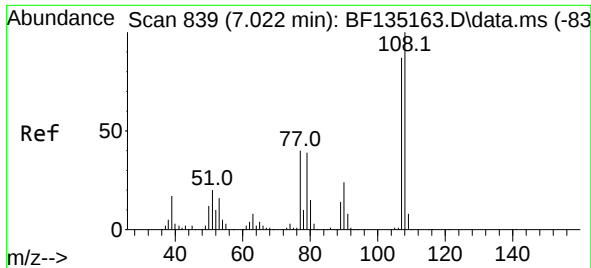
Tgt Ion: 79 Resp: 241717
Ion Ratio Lower Upper
79 100
108 75.5 61.2 91.8
77 61.5 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.720 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

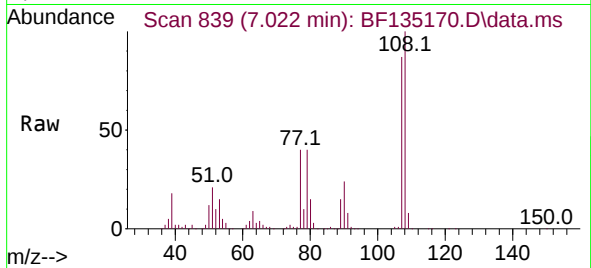
Tgt Ion: 45 Resp: 514773
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 8.8 0.0 28.3





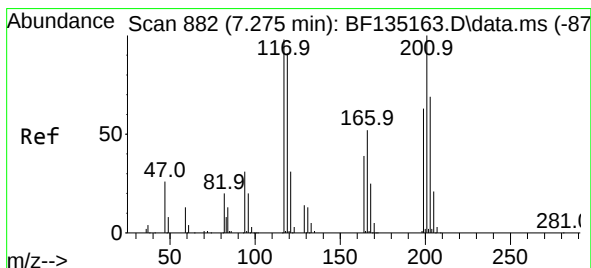
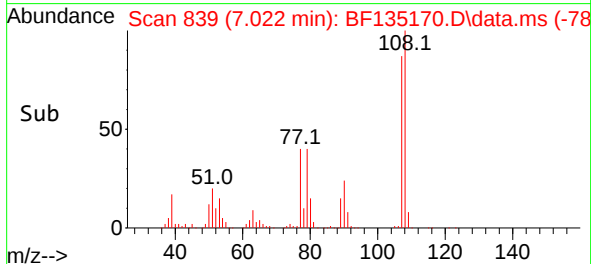
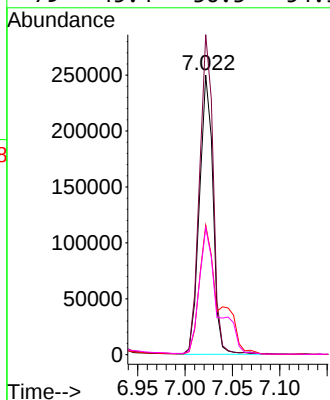
#17
2-Methylphenol
Concen: 39.319 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 249784

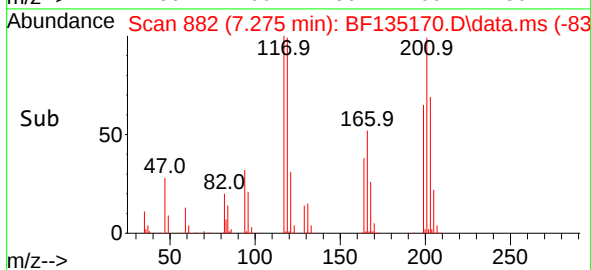
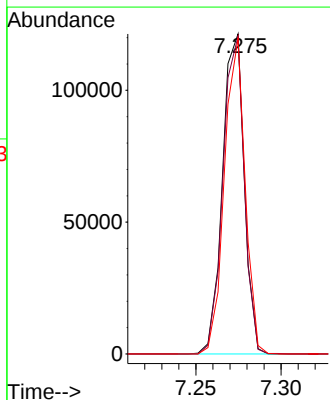
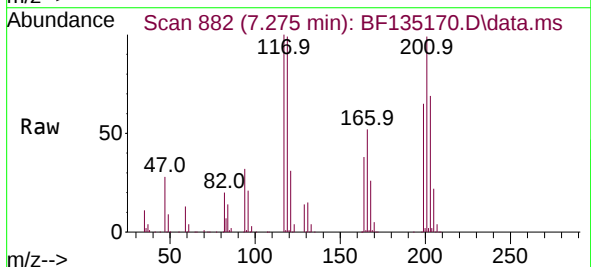
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.0	138.0
77	46.3	36.7	55.1
79	45.4	36.3	54.5

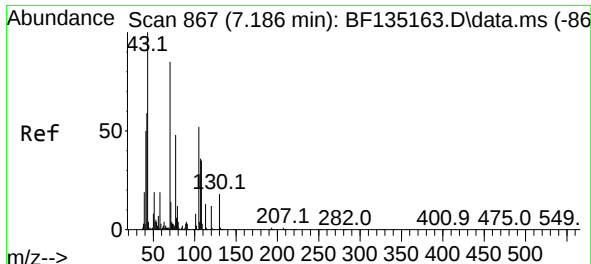


#18
Hexachloroethane
Concen: 39.034 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:117 Resp: 107357

Ion	Ratio	Lower	Upper
117	100		
119	99.3	74.7	112.1
201	98.7	81.8	122.8

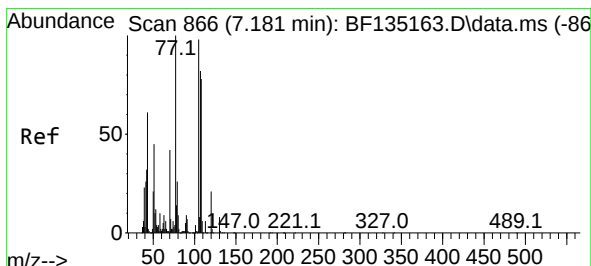
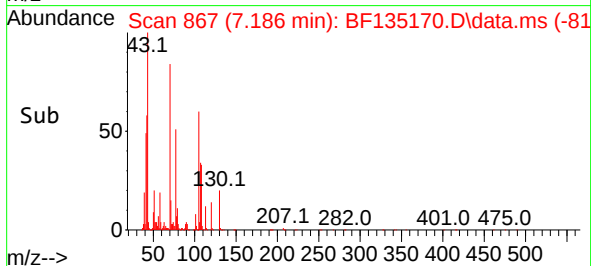
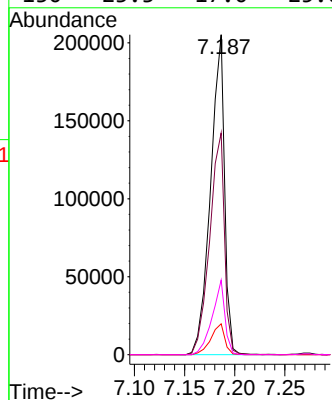
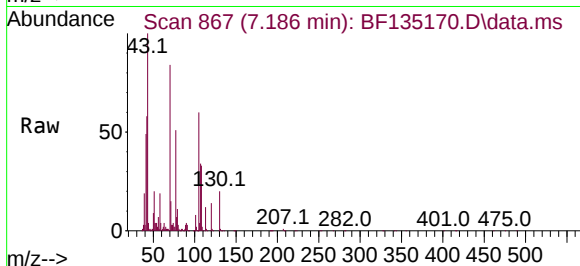




#19
n-Nitroso-di-n-propylamine
Concen: 37.666 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

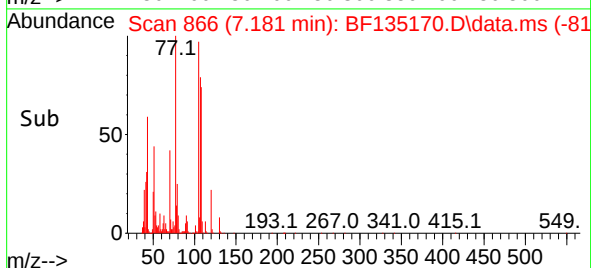
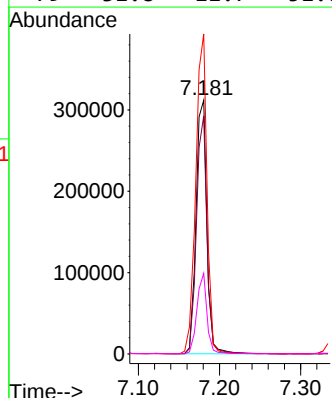
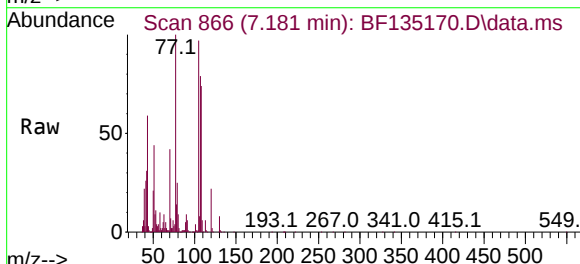
Instrument :
BNA_F
ClientSampleId :

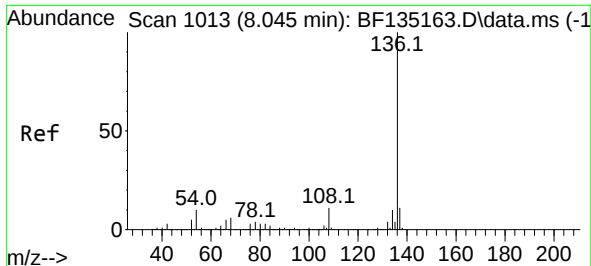
Tgt Ion:	70	Resp:	200057
Ion	Ratio	Lower	Upper
70	100		
42	69.3	55.4	83.0
101	9.7	7.7	11.5
130	23.3	17.0	25.6



#20
3+4-Methylphenols
Concen: 38.214 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:	107	Resp:	291920
Ion	Ratio	Lower	Upper
107	100		
108	93.8	74.7	114.7
77	126.1	102.0	142.0
79	31.8	11.7	51.7

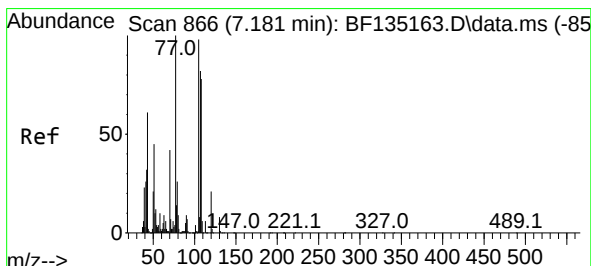
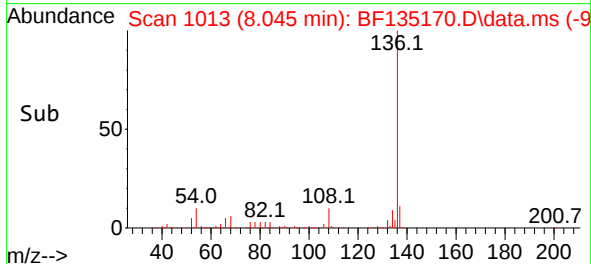
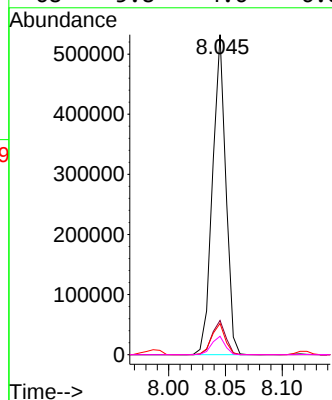
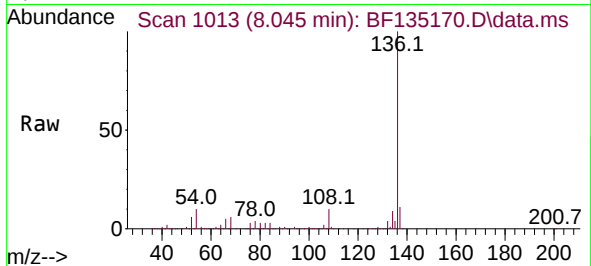




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

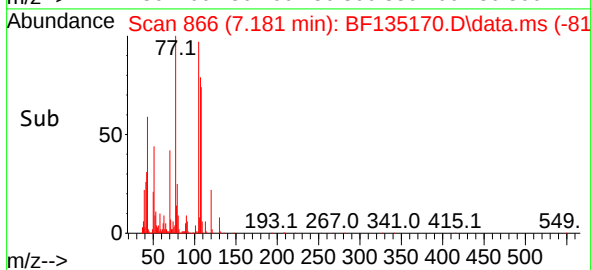
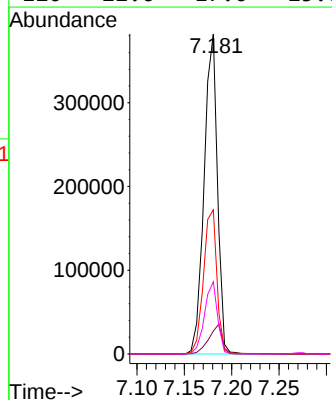
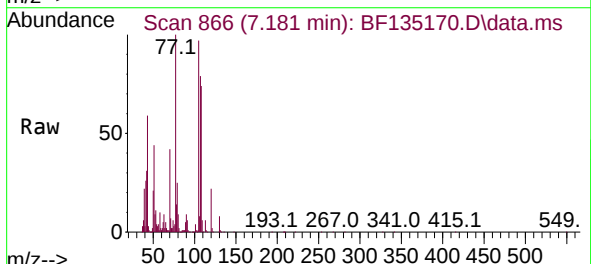
Instrument :
BNA_F
ClientSampleId :

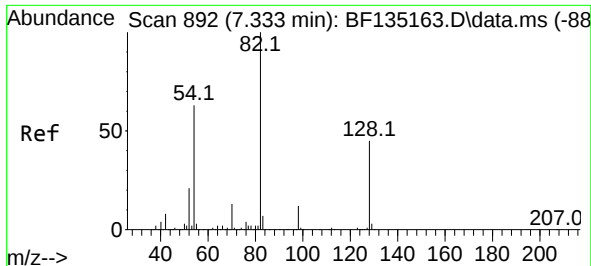
Tgt Ion:	136	Resp:	431522
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.8	7.7	11.5
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 37.901 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:	105	Resp:	373920
Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.6
51	45.1	37.0	55.4
120	22.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 79.646 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

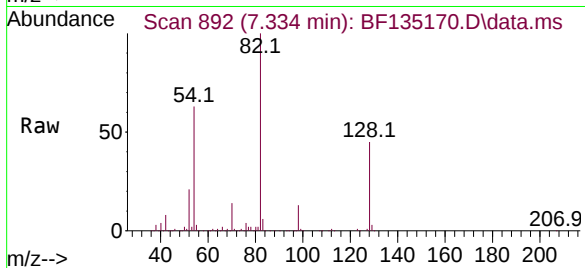
Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :



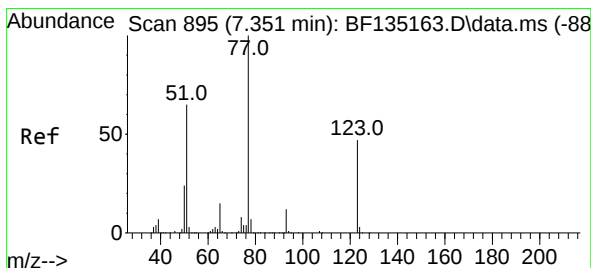
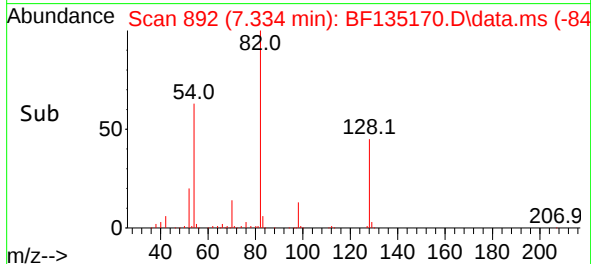
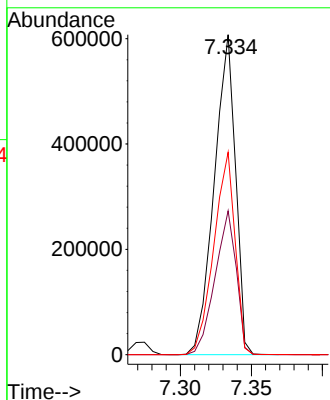
Tgt Ion: 82 Resp: 632602

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 63.2 50.6 76.0



#24

Nitrobenzene

Concen: 39.770 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

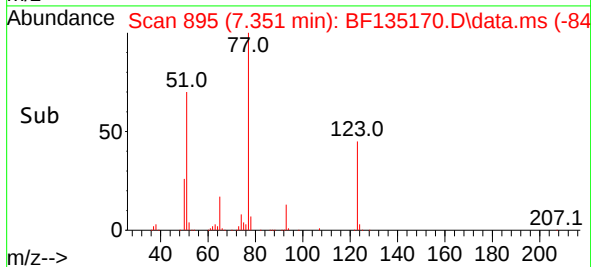
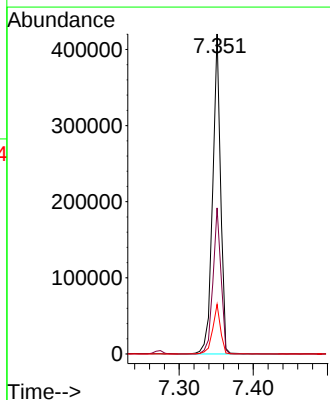
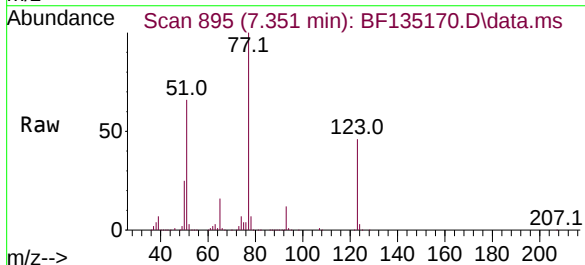
Tgt Ion: 77 Resp: 312212

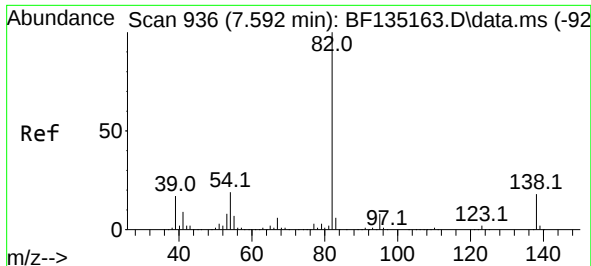
Ion Ratio Lower Upper

77 100

123 45.7 37.6 56.4

65 15.5 12.2 18.4

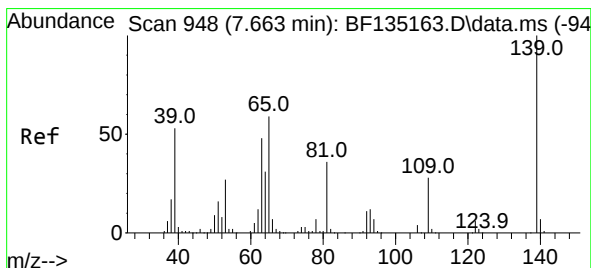
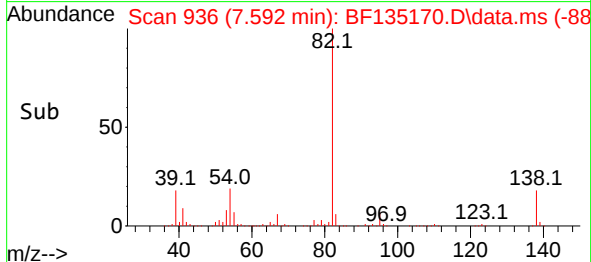
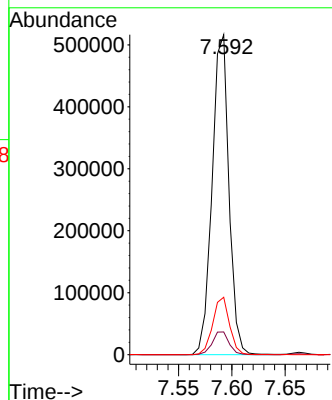
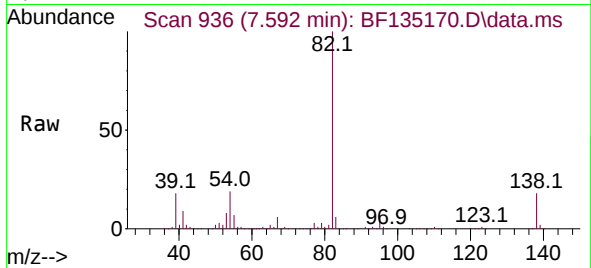




#25
Isophorone
Concen: 38.840 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

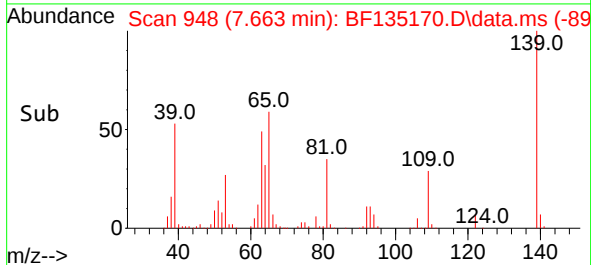
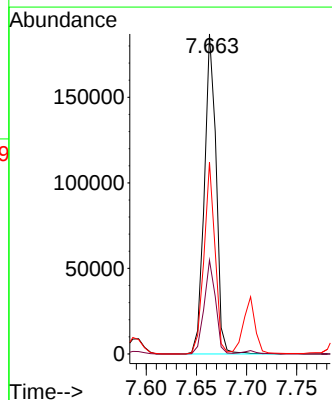
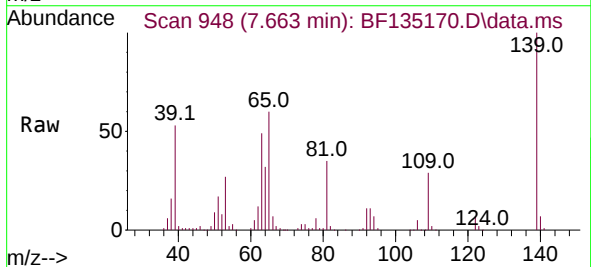
Instrument :
BNA_F
ClientSampleId :

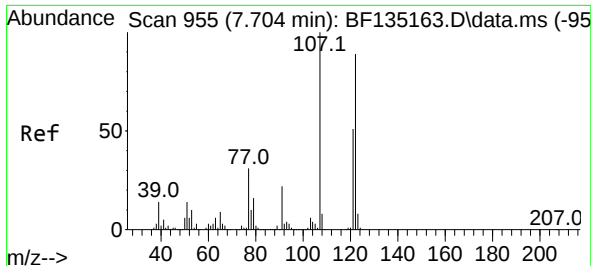
Tgt Ion: 82 Resp: 566471
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 40.843 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:139 Resp: 153890
Ion Ratio Lower Upper
139 100
109 29.3 22.6 33.8
65 59.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.415 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

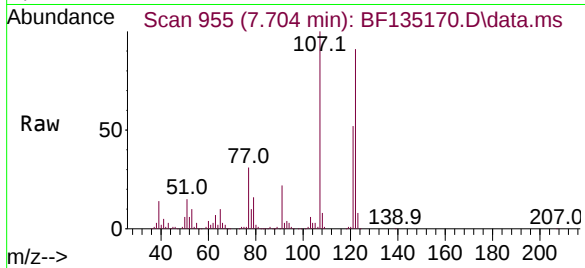
Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :



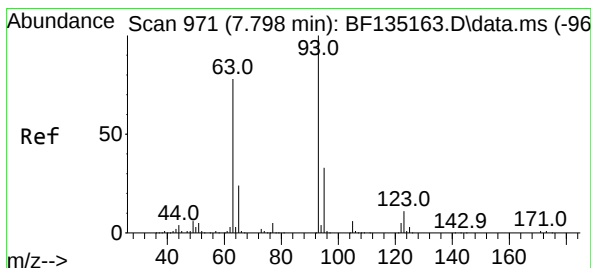
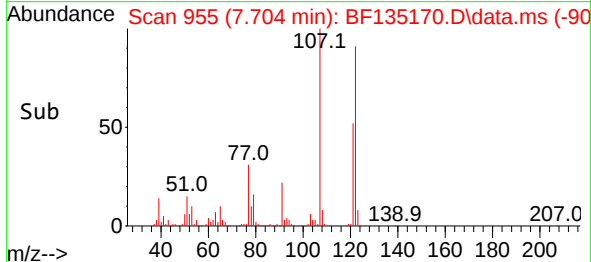
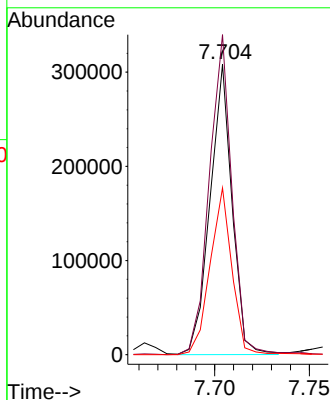
Tgt Ion:122 Resp: 249624

Ion Ratio Lower Upper

122 100

107 110.2 90.2 135.4

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.348 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

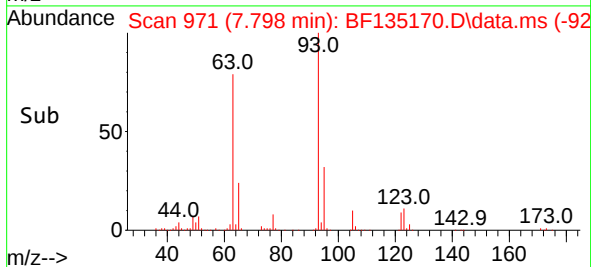
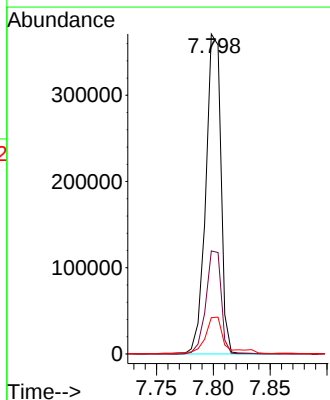
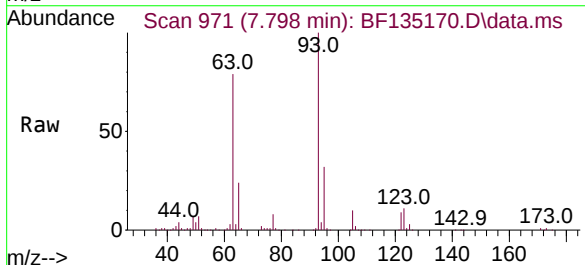
Tgt Ion: 93 Resp: 343487

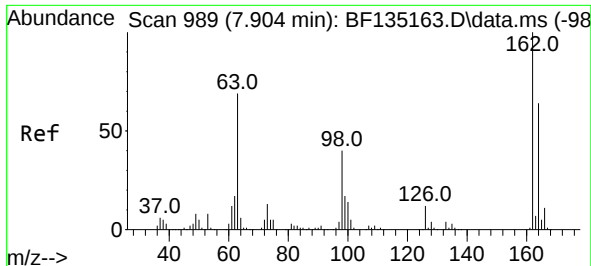
Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.2

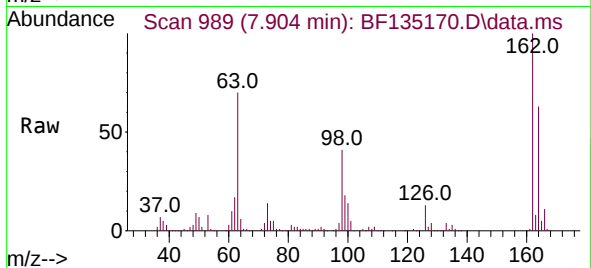
123 11.4 8.8 13.2



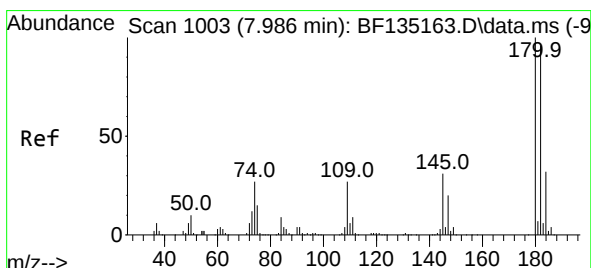
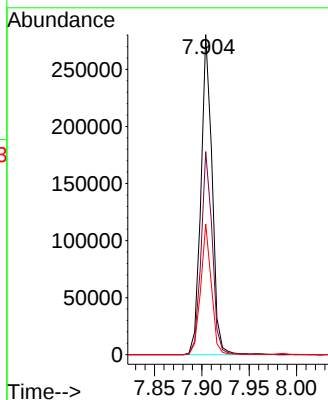
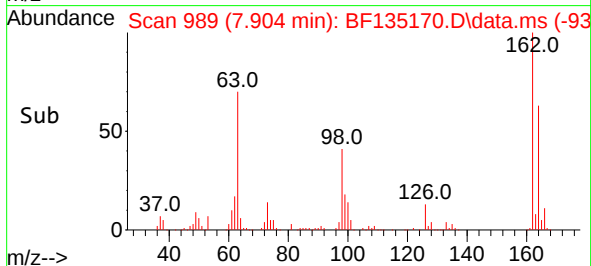


#29
2,4-Dichlorophenol
Concen: 39.198 ng
RT: 7.904 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

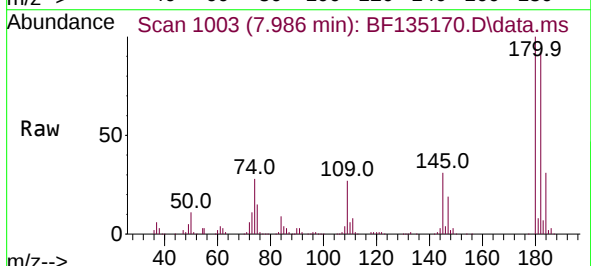
Instrument :
BNA_F
ClientSampleId :



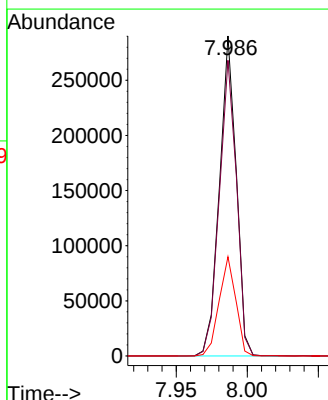
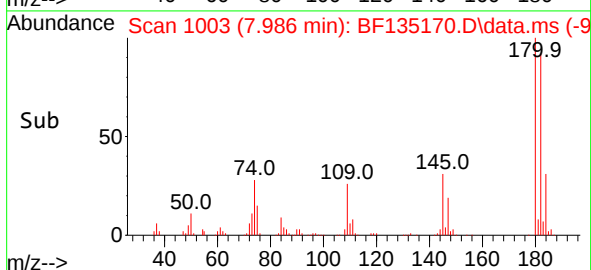
Tgt Ion:162 Resp: 230034
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 40.8 20.3 60.3

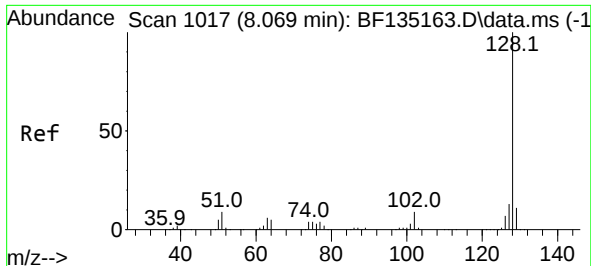


#30
1,2,4-Trichlorobenzene
Concen: 38.815 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53



Tgt Ion:180 Resp: 238087
Ion Ratio Lower Upper
180 100
182 92.4 76.9 115.3
145 31.0 24.5 36.7

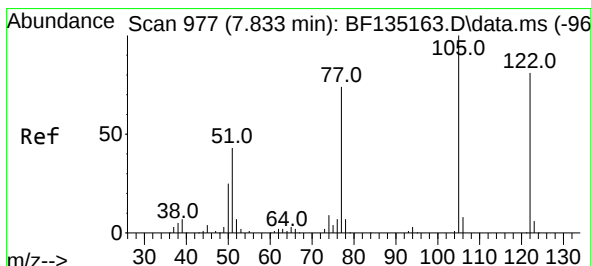
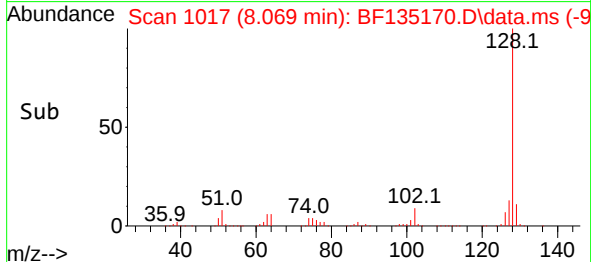
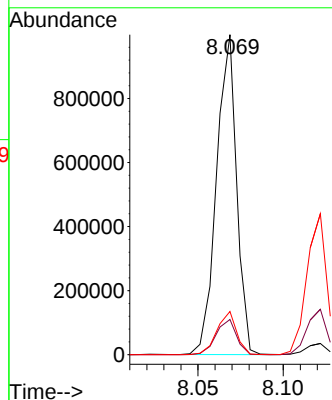
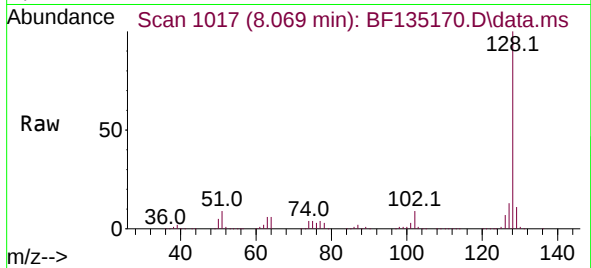




#31
Naphthalene
Concen: 39.178 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

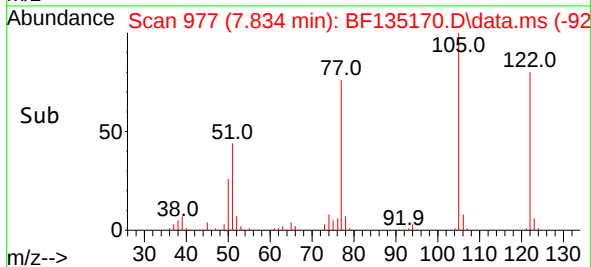
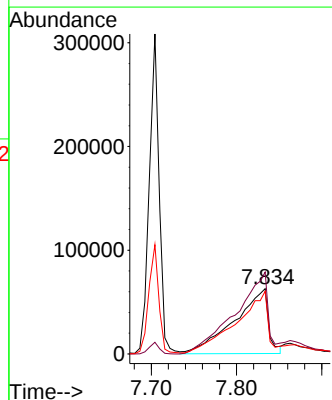
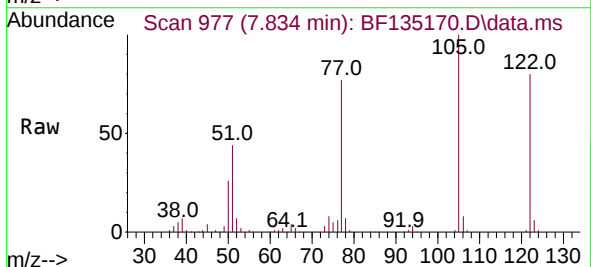
Instrument :
BNA_F
ClientSampleId :

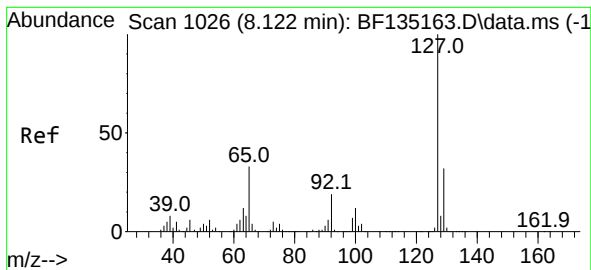
Tgt Ion:128 Resp: 821411
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 36.655 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:122 Resp: 174809
Ion Ratio Lower Upper
122 100
105 125.5 99.9 139.9
77 96.2 70.0 110.0





#33

4-Chloroaniline

Concen: 39.927 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 367282

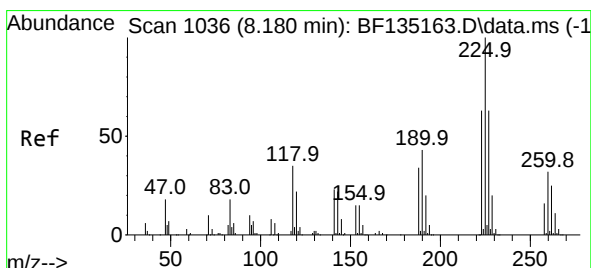
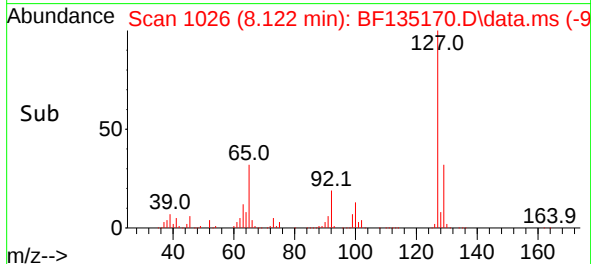
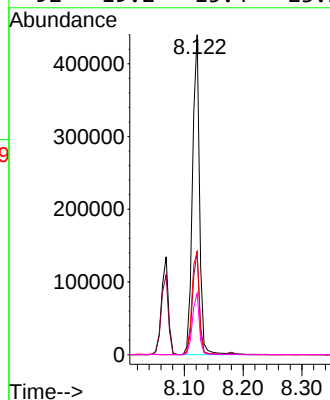
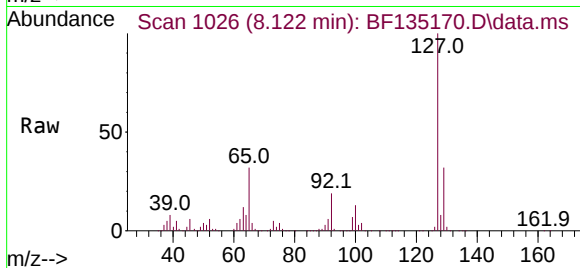
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 32.2 26.6 39.8

92 19.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 39.507 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

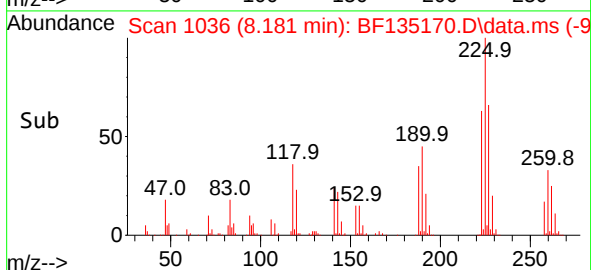
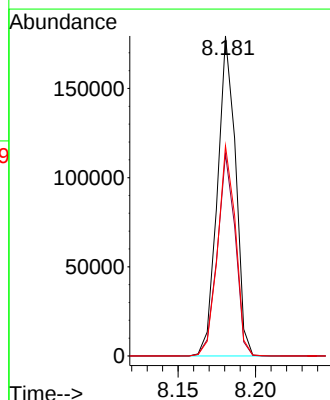
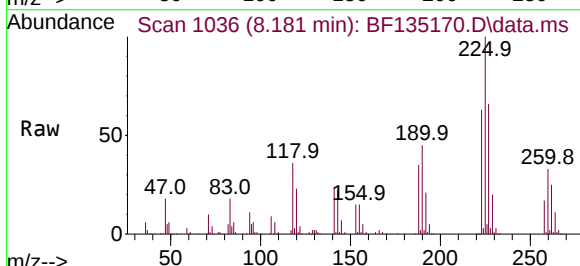
Tgt Ion:225 Resp: 146124

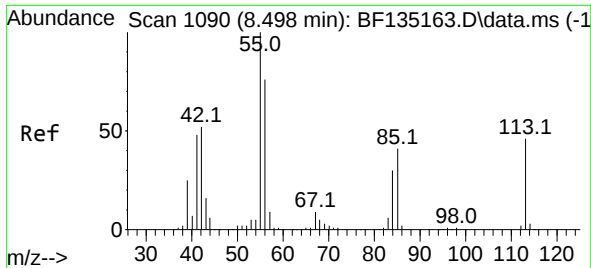
Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

227 65.7 50.8 76.2

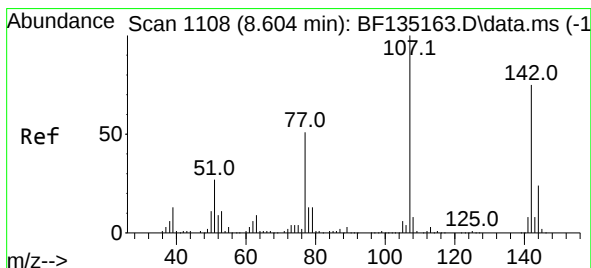
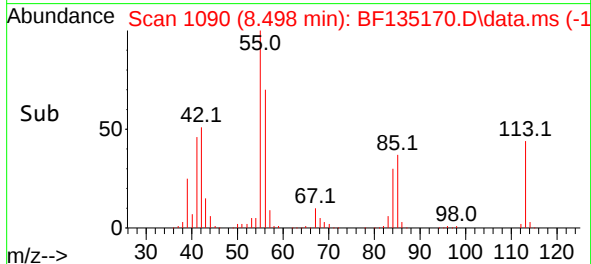
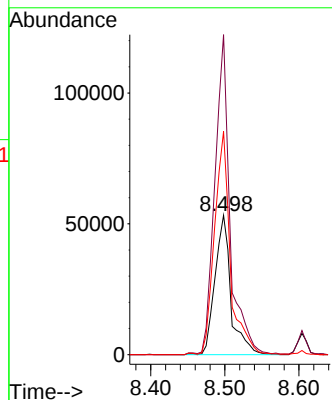
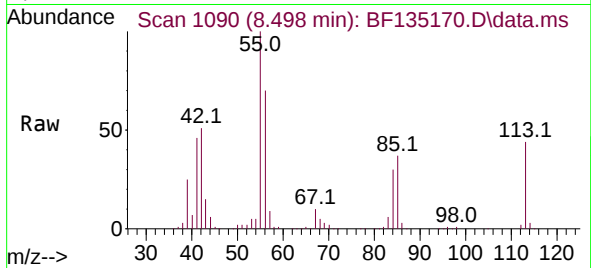




#35
 Caprolactam
 Concen: 40.423 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

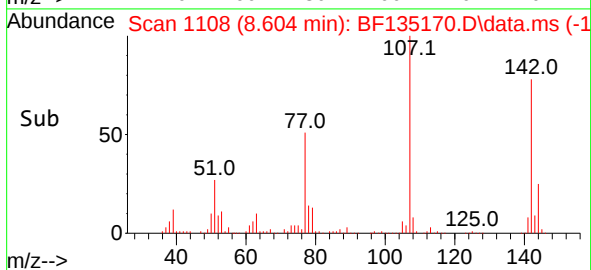
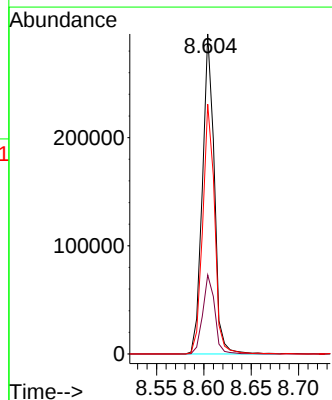
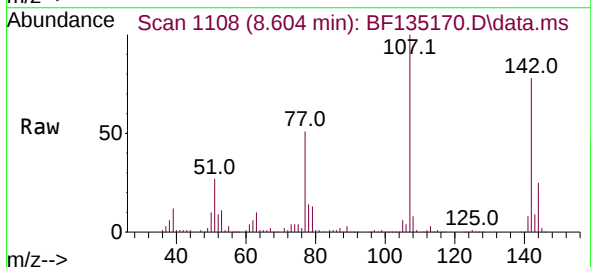
Instrument :
 BNA_F
 ClientSampleId :

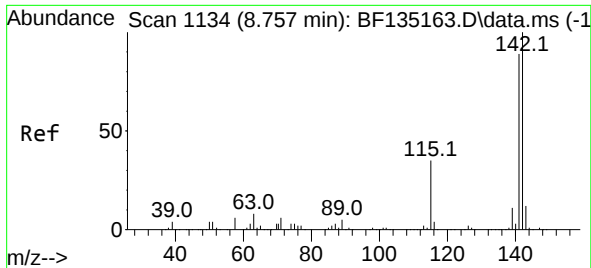
Tgt Ion:113 Resp: 79616
 Ion Ratio Lower Upper
 113 100
 55 229.6 199.3 239.3
 56 160.2 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 39.698 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

Tgt Ion:107 Resp: 258926
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.4
 142 78.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 38.858 ng

RT: 8.757 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

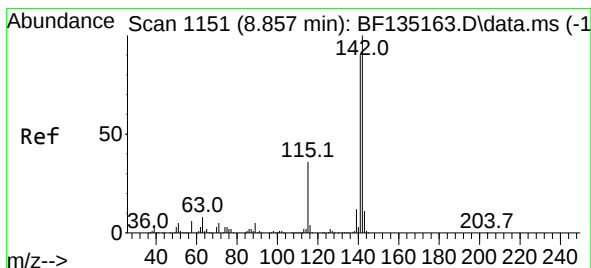
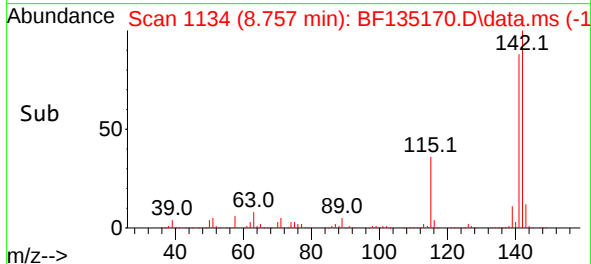
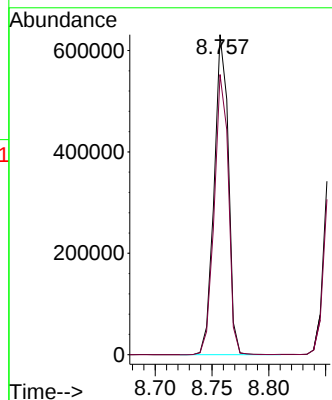
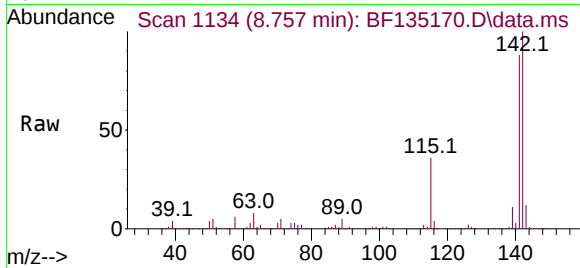
ClientSampleId :

Tgt Ion:142 Resp: 547644

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 38.420 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF135170.D

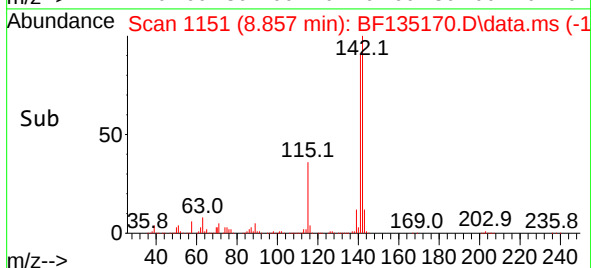
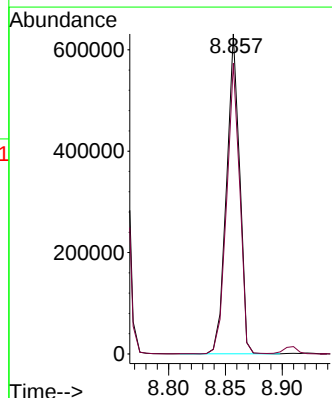
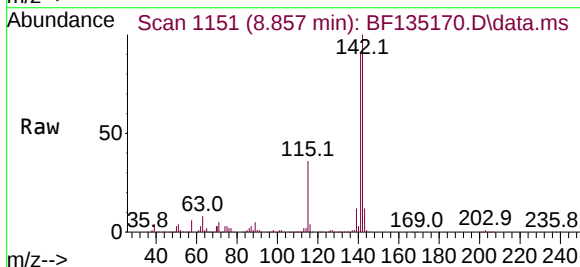
Acq: 12 Sep 2023 08:53

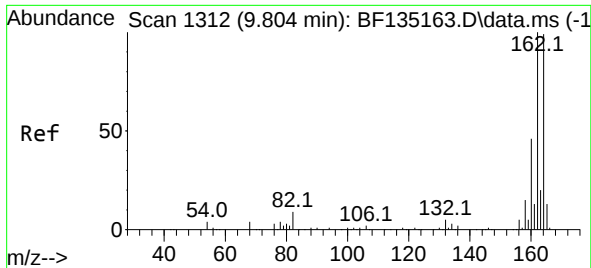
Tgt Ion:142 Resp: 506944

Ion Ratio Lower Upper

142 100

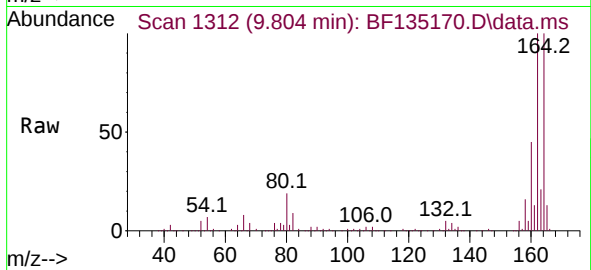
141 90.8 72.4 108.6



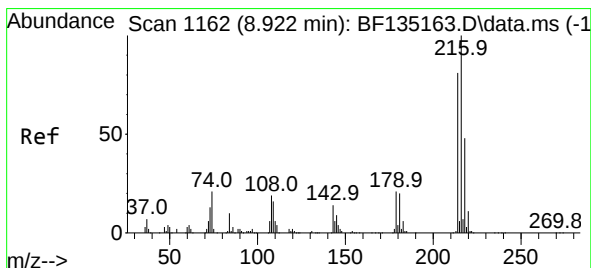
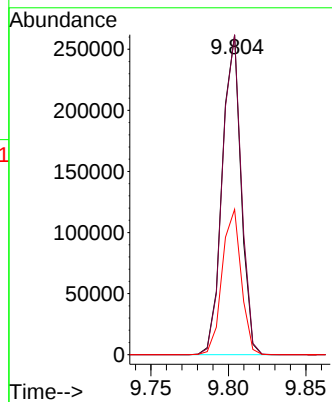
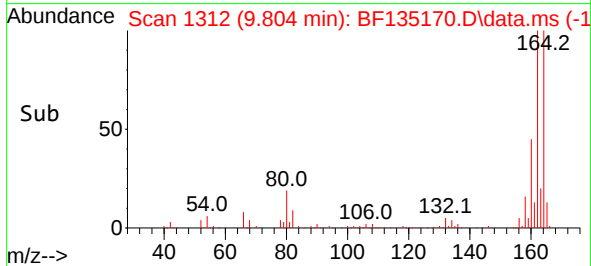


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

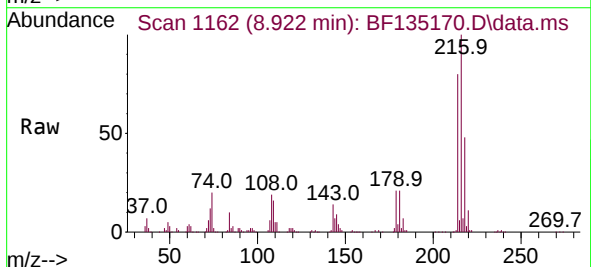
Instrument :
BNA_F
ClientSampleId :



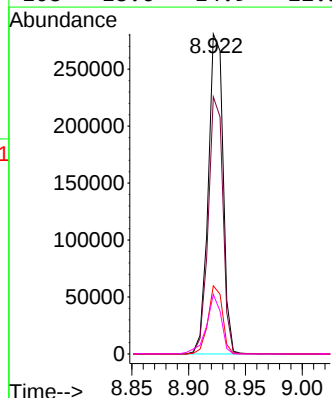
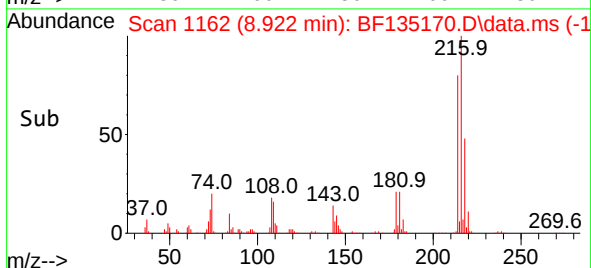
Tgt Ion:164 Resp: 220664
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 45.4 37.0 55.4

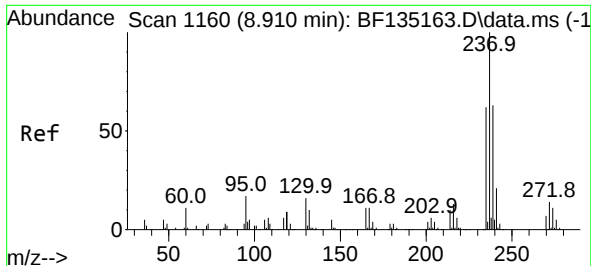


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.717 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53



Tgt Ion:216 Resp: 253902
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.7 16.7 25.1
108 18.6 14.9 22.3

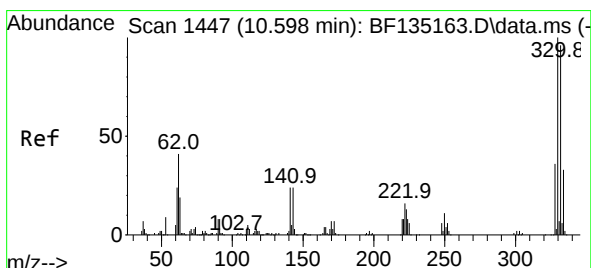
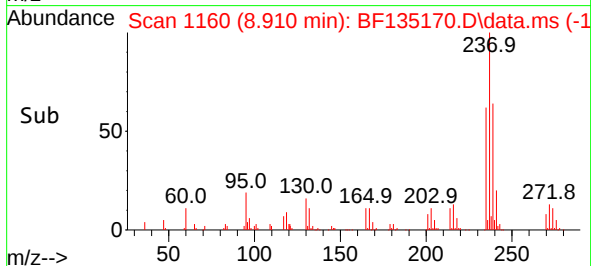
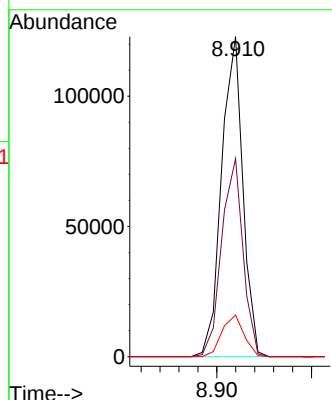
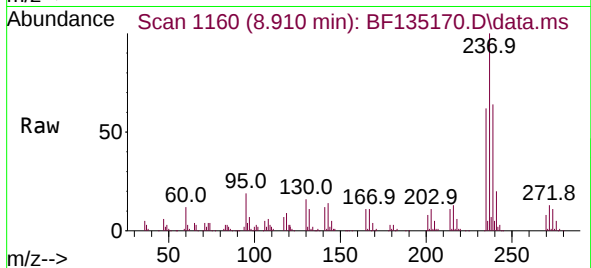




#41
Hexachlorocyclopentadiene
Concen: 38.229 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

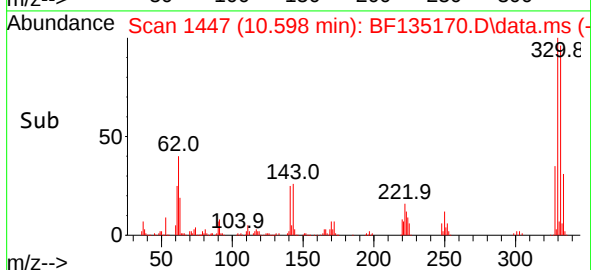
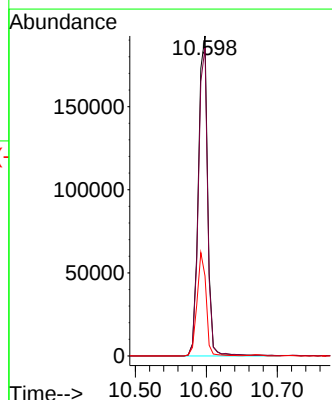
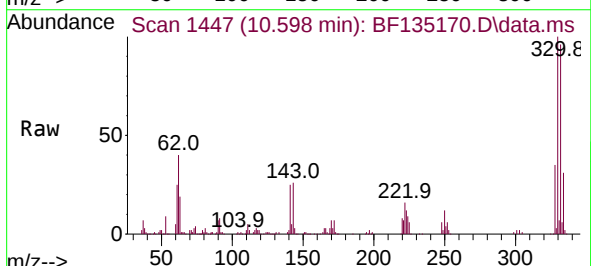
Instrument :
BNA_F
ClientSampleId :

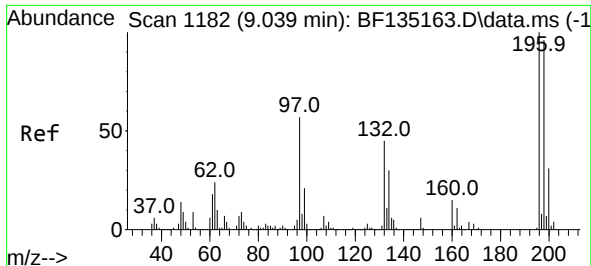
Tgt Ion:237 Resp: 95721
Ion Ratio Lower Upper
237 100
235 61.9 41.8 81.8
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.293 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

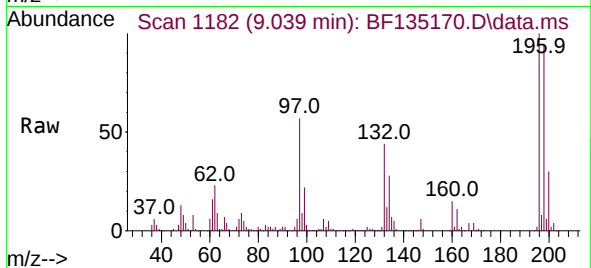
Tgt Ion:330 Resp: 176072
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 31.4 25.8 38.8



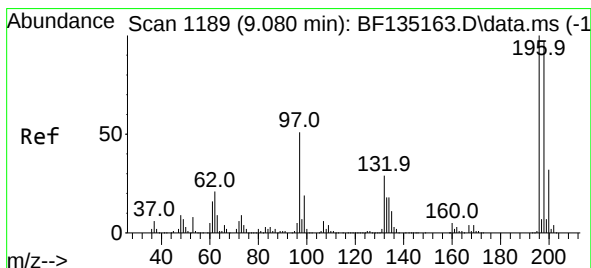
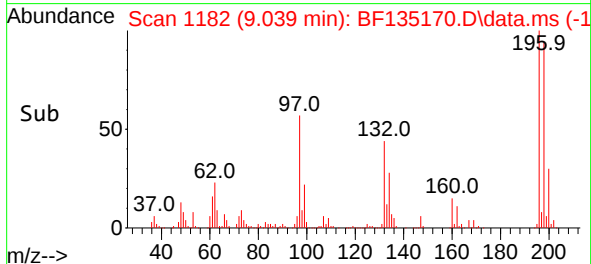
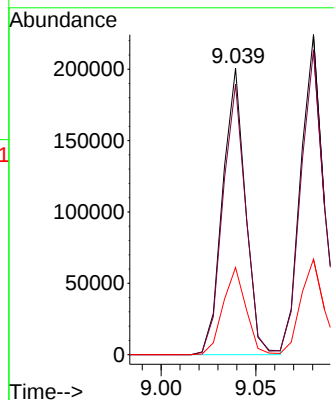


#43
2,4,6-Trichlorophenol
Concen: 40.095 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Instrument :
BNA_F
ClientSampleId :

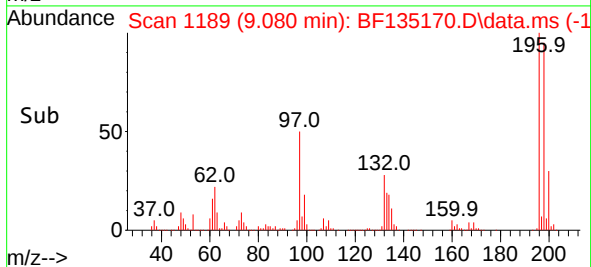
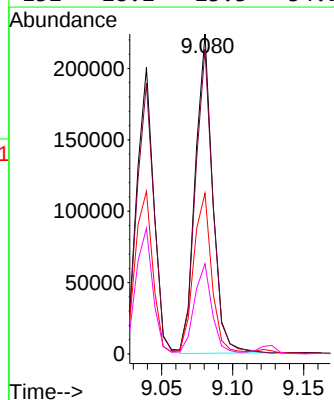
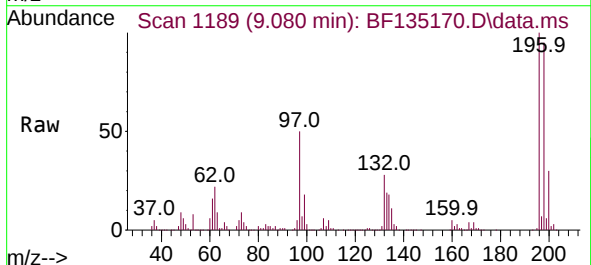


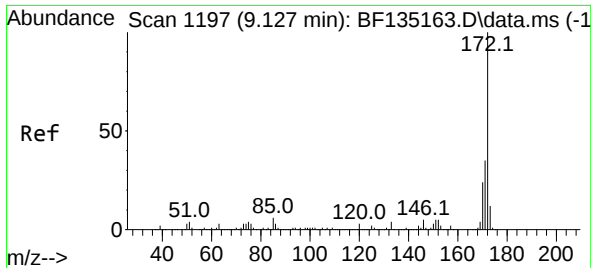
Tgt Ion:196 Resp: 167823
Ion Ratio Lower Upper
196 100
198 94.4 77.0 115.6
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 39.466 ng
RT: 9.080 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:196 Resp: 190236
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 50.2 40.5 60.7
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.714 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

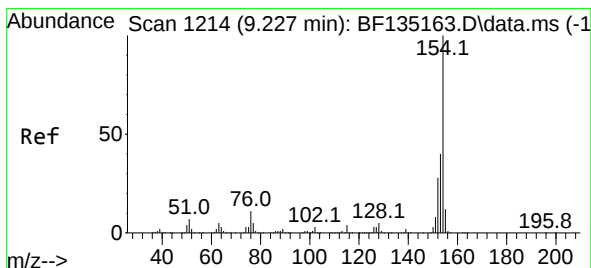
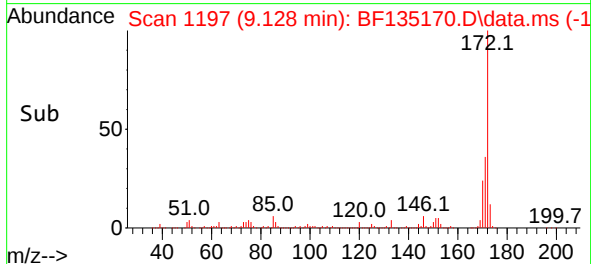
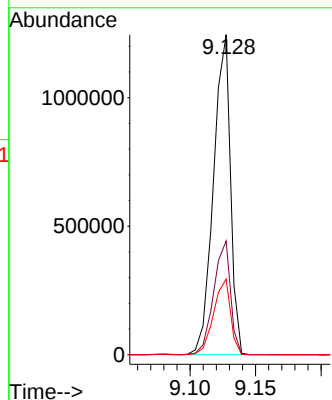
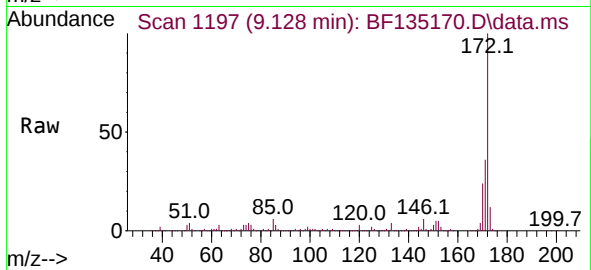
Tgt Ion:172 Resp: 1122017

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.315 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

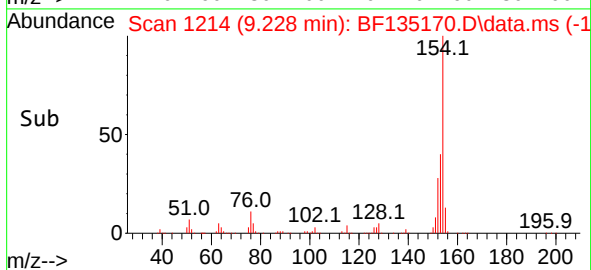
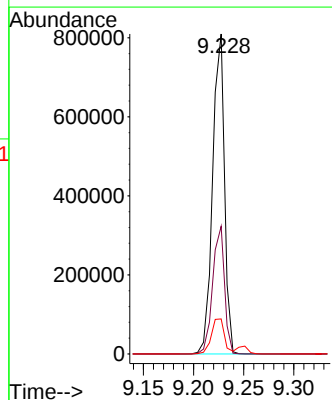
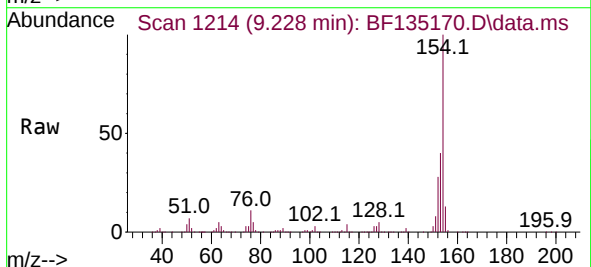
Tgt Ion:154 Resp: 666695

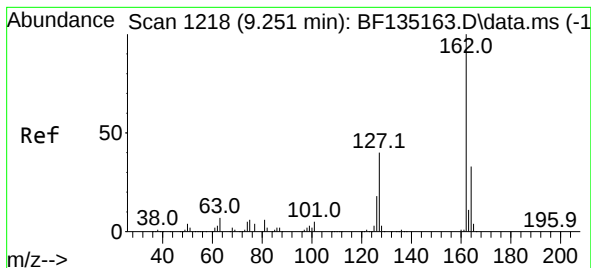
Ion Ratio Lower Upper

154 100

153 39.9 19.6 59.6

76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 39.061 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

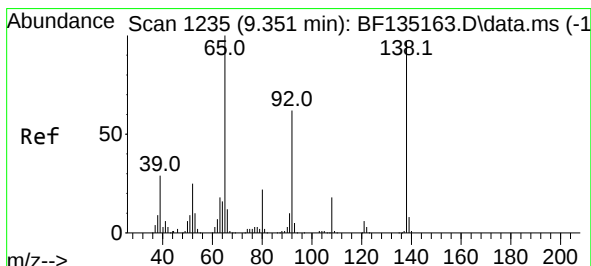
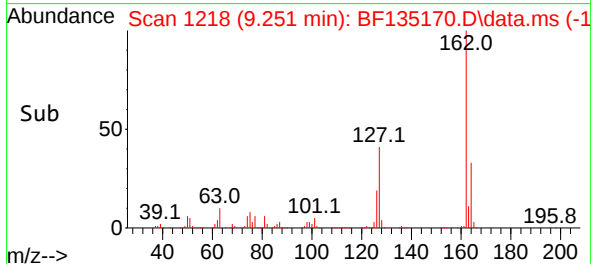
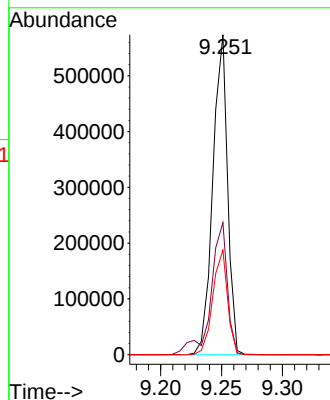
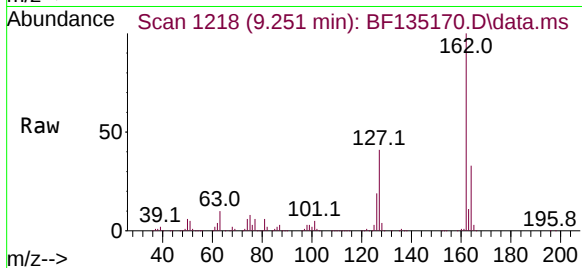
Tgt Ion:162 Resp: 480598

Ion Ratio Lower Upper

162 100

127 41.3 32.6 48.8

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 40.027 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

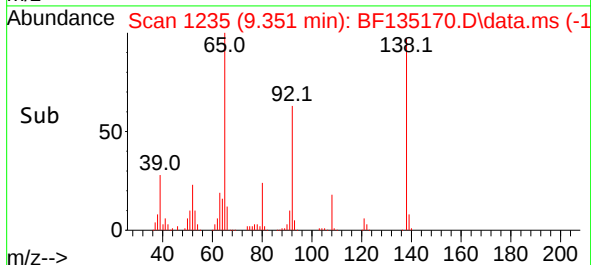
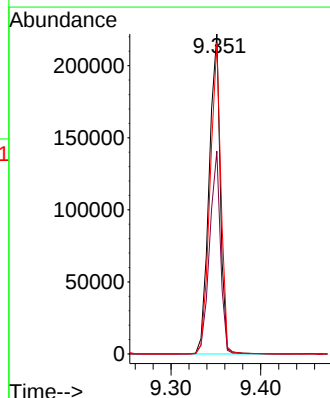
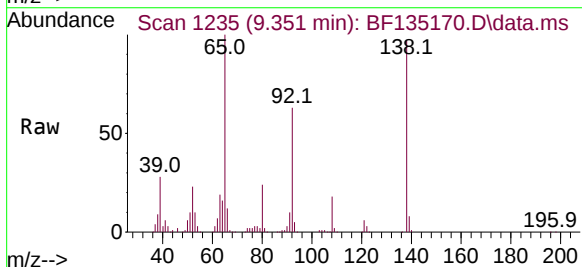
Tgt Ion: 65 Resp: 191330

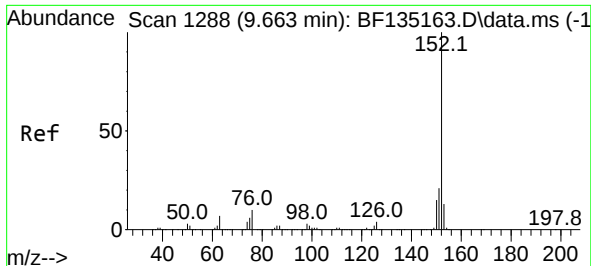
Ion Ratio Lower Upper

65 100

92 63.4 49.4 74.0

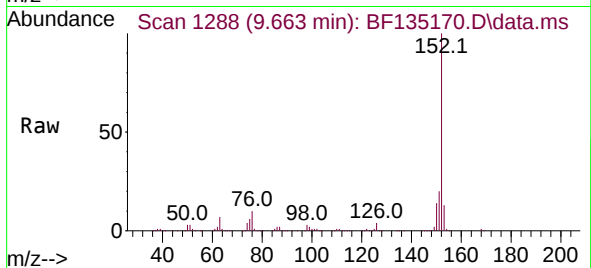
138 97.1 77.4 116.0



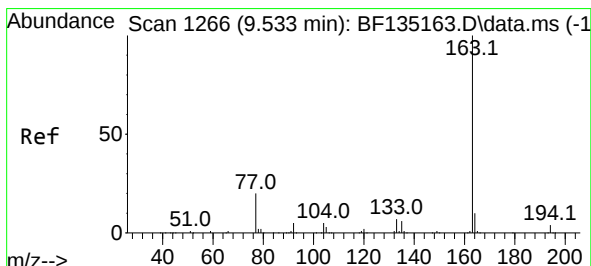
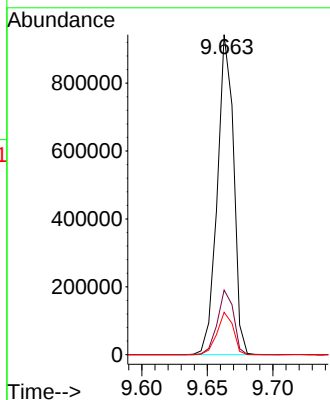
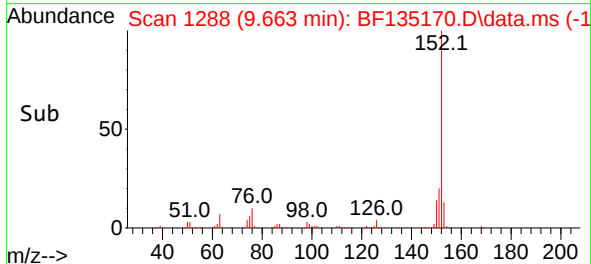


#49
Acenaphthylene
Concen: 39.706 ng
RT: 9.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

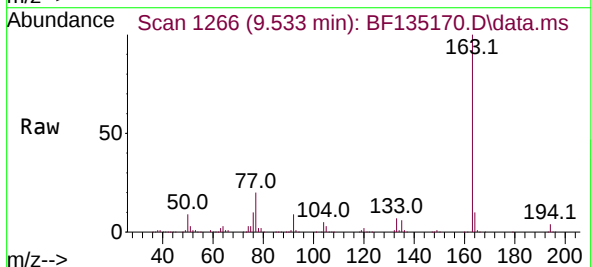
Instrument :
BNA_F
ClientSampleId :



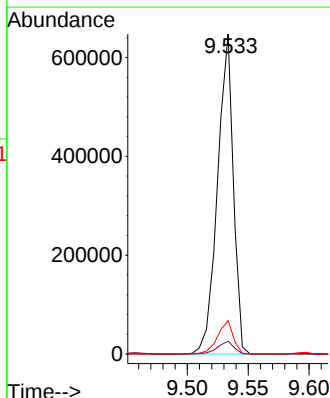
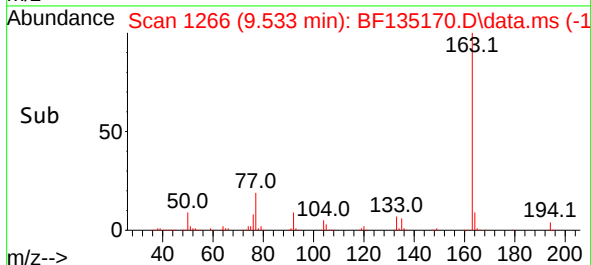
Tgt Ion:152 Resp: 811902
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.3 10.4 15.6

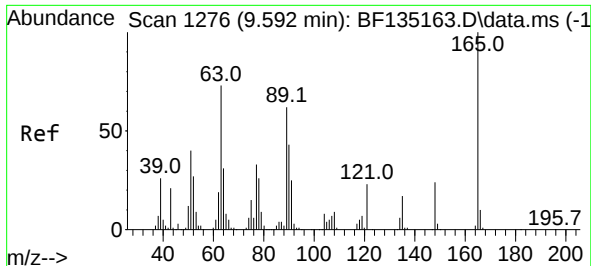


#50
Dimethylphthalate
Concen: 39.324 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53



Tgt Ion:163 Resp: 586675
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 40.855 ng

RT: 9.598 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

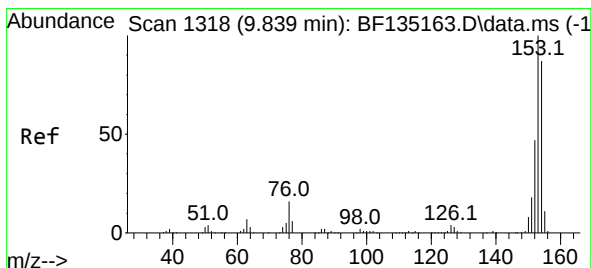
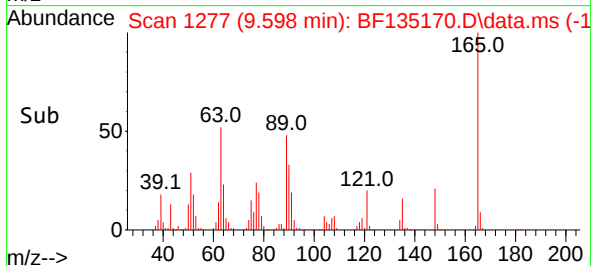
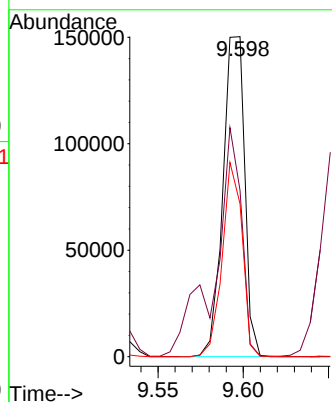
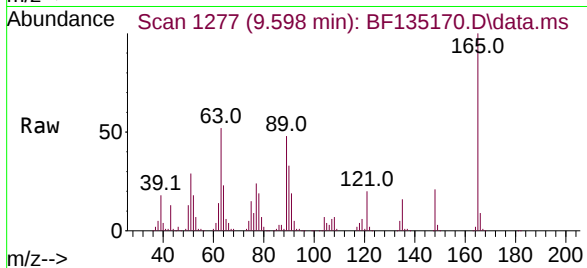
Tgt Ion:165 Resp: 133526

Ion Ratio Lower Upper

165 100

63 52.0 59.4 89.2#

89 47.8 49.8 74.8#



#52

Acenaphthene

Concen: 39.114 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

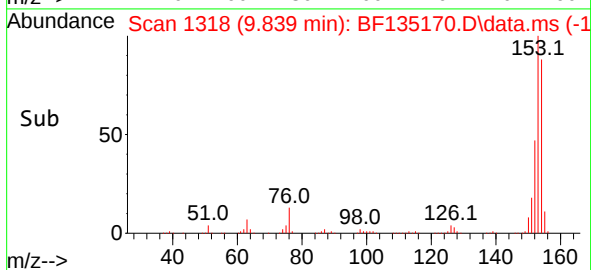
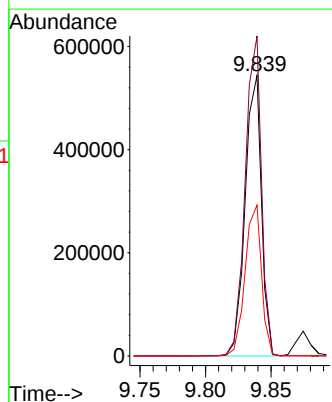
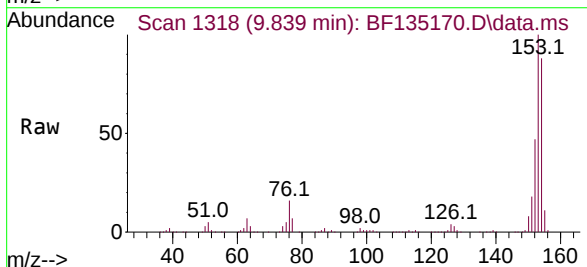
Tgt Ion:154 Resp: 472486

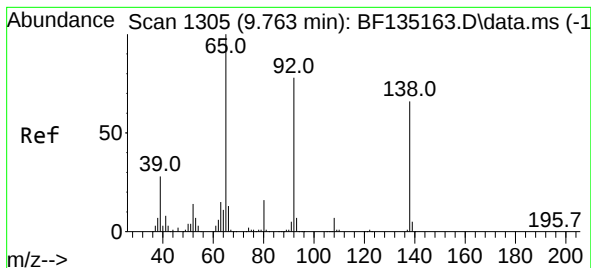
Ion Ratio Lower Upper

154 100

153 114.1 92.1 138.1

152 53.8 43.1 64.7





#53

3-Nitroaniline

Concen: 41.220 ng

RT: 9.763 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

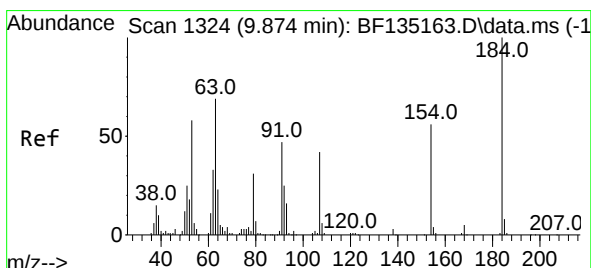
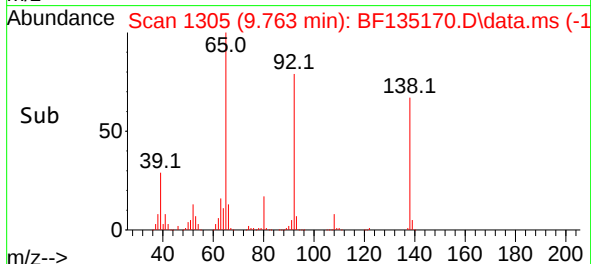
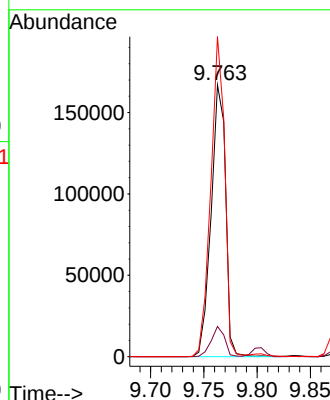
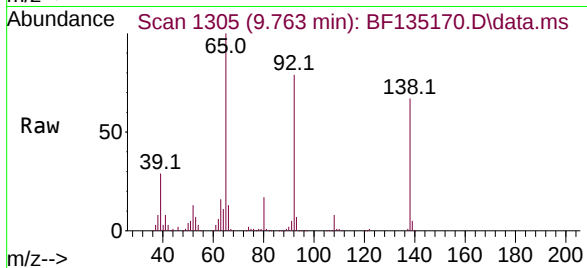
Tgt Ion:138 Resp: 158138

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 117.8 95.4 143.0



#54

2,4-Dinitrophenol

Concen: 38.367 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.001 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

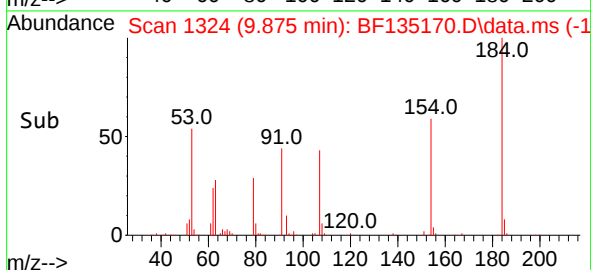
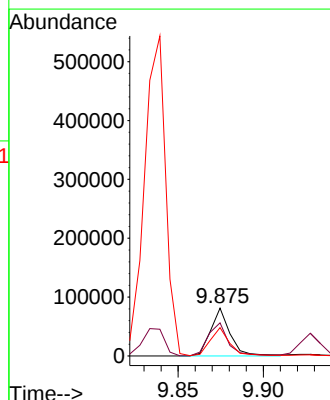
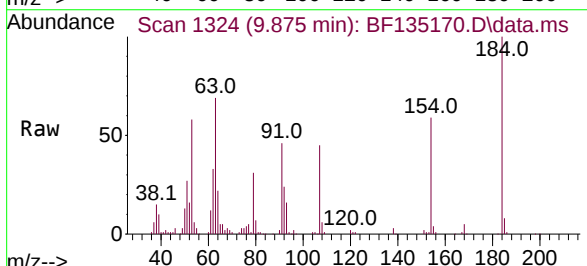
Tgt Ion:184 Resp: 64643

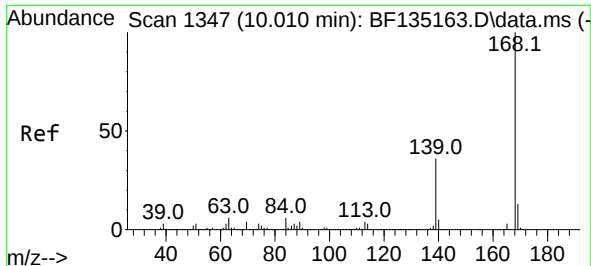
Ion Ratio Lower Upper

184 100

63 69.4 55.1 82.7

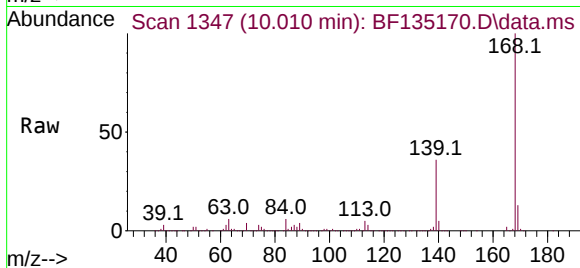
154 59.2 48.4 72.6



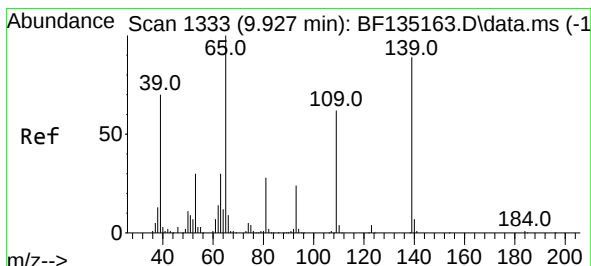
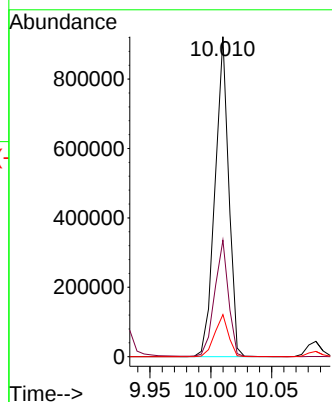
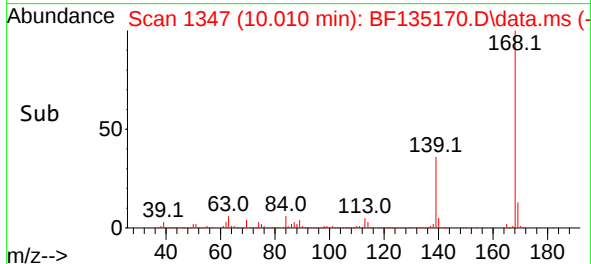


#55
Dibenzofuran
Concen: 39.224 ng
RT: 10.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Instrument :
BNA_F
ClientSampleId :

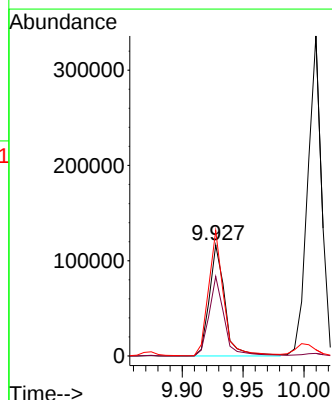
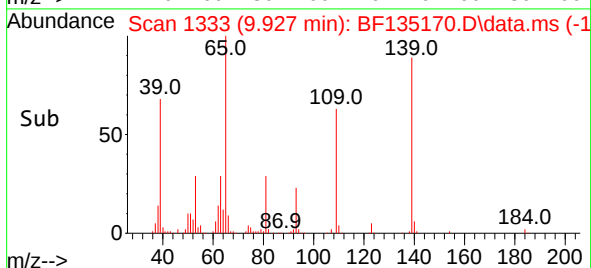
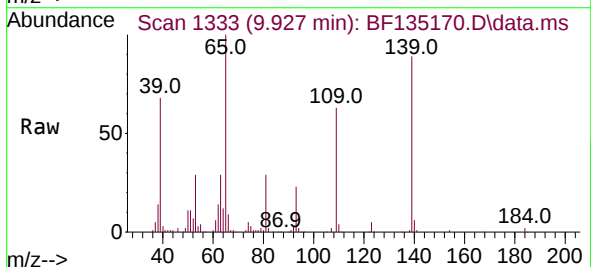


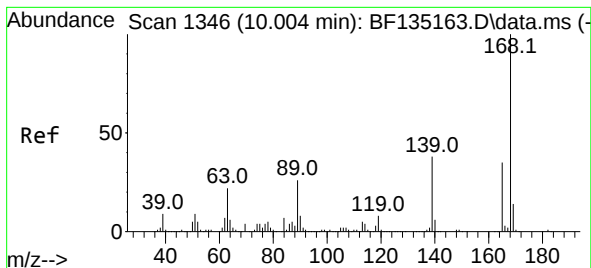
Tgt Ion:168 Resp: 723029
Ion Ratio Lower Upper
168 100
139 36.4 29.0 43.6
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 42.506 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

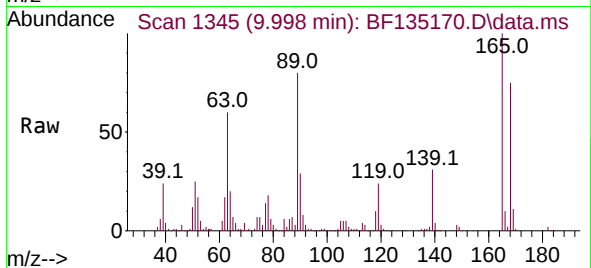
Tgt Ion:139 Resp: 103640
Ion Ratio Lower Upper
139 100
109 71.5 49.8 89.8
65 113.0 92.7 132.7



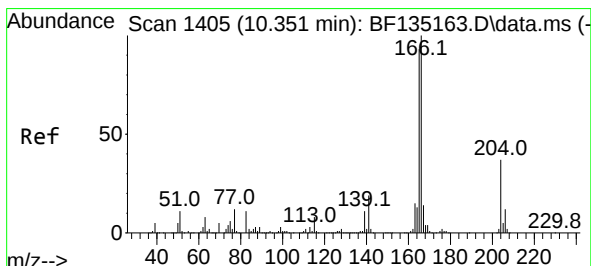
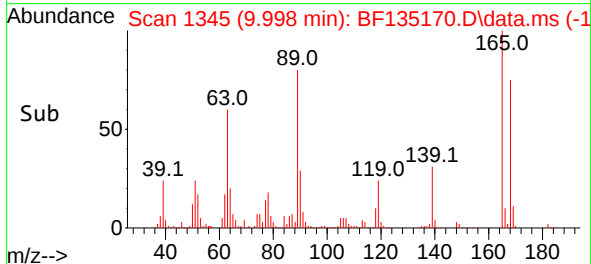
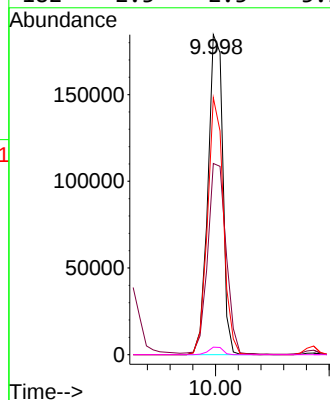


#57
2,4-Dinitrotoluene
Concen: 40.770 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Instrument :
BNA_F
ClientSampleId :

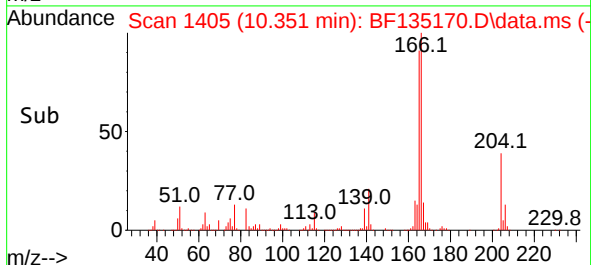
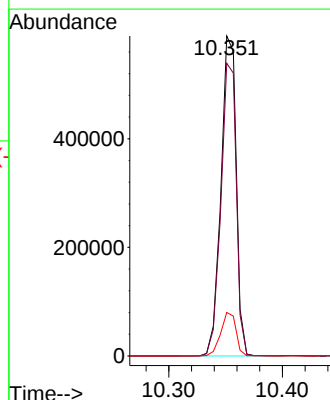
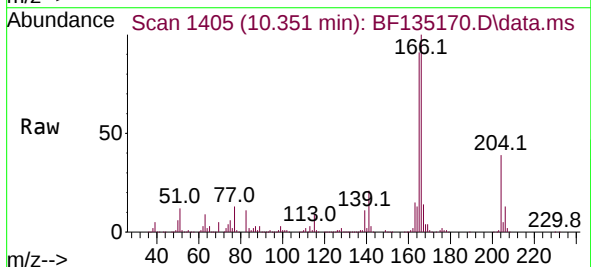


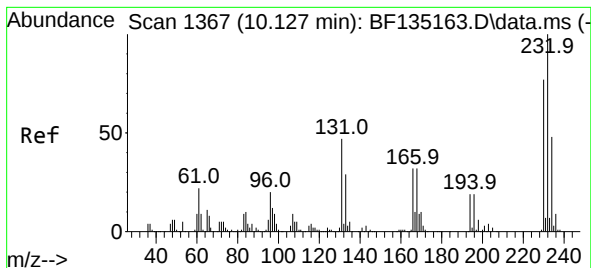
Tgt Ion:165 Resp: 166815
Ion Ratio Lower Upper
165 100
63 59.7 50.1 75.1
89 80.3 59.3 88.9
182 2.3 2.3 3.5



#58
Fluorene
Concen: 39.036 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

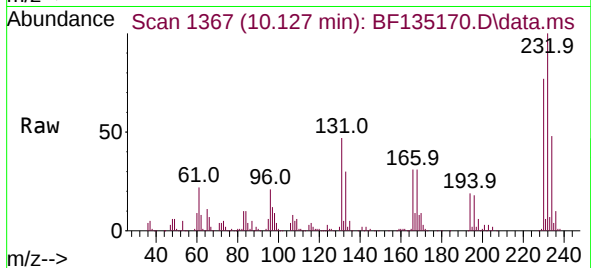
Tgt Ion:166 Resp: 553175
Ion Ratio Lower Upper
166 100
165 91.5 74.3 111.5
167 13.6 10.9 16.3



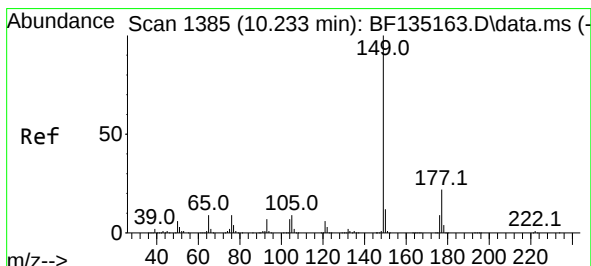
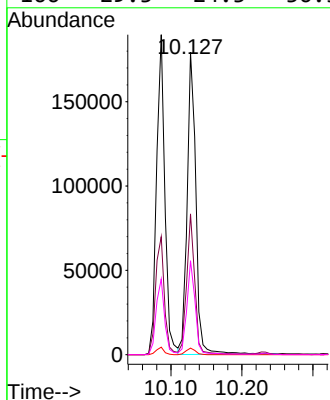
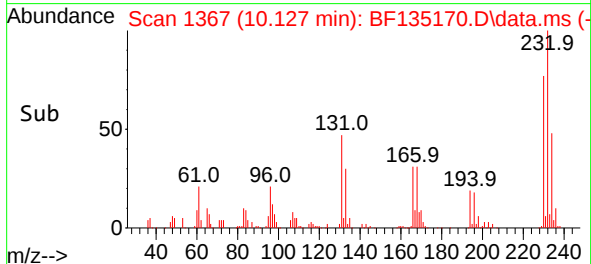


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.205 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

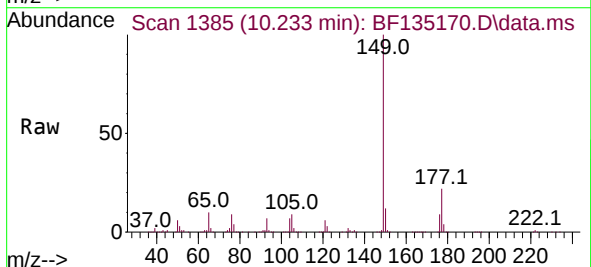
Instrument :
BNA_F
ClientSampleId :



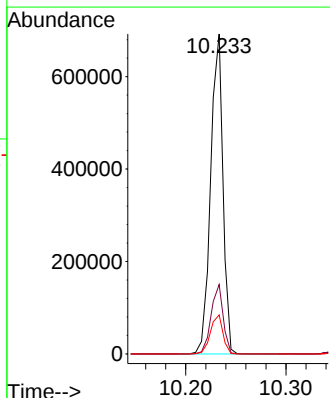
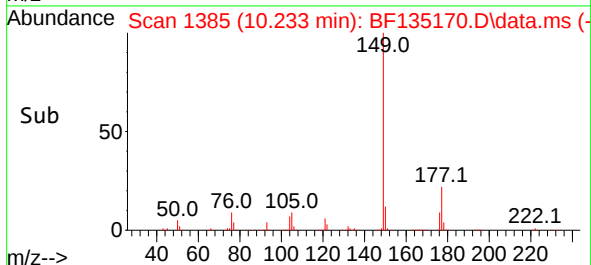
Tgt Ion:232 Resp: 152786
Ion Ratio Lower Upper
232 100
131 42.8 35.4 53.2
130 2.3 1.8 2.8
166 29.3 24.3 36.5

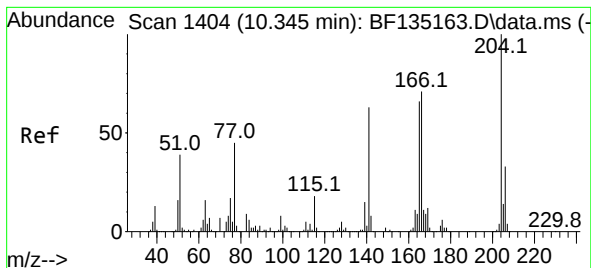


#60
Diethylphthalate
Concen: 39.418 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53



Tgt Ion:149 Resp: 590197
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.2 10.0 15.0

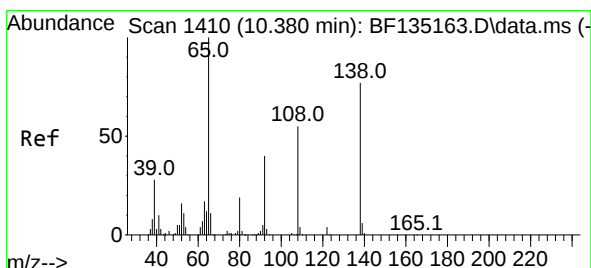
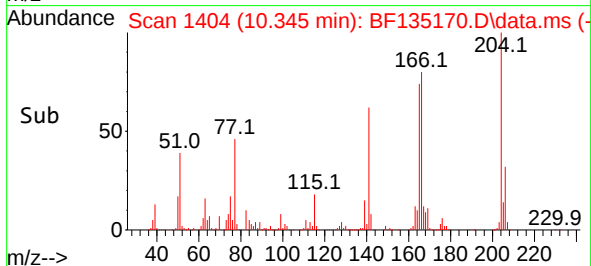
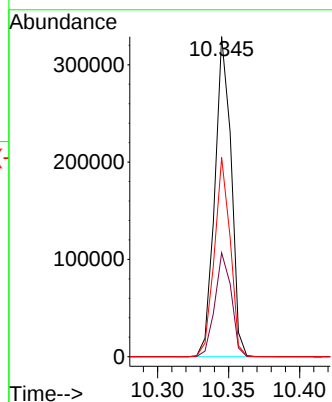
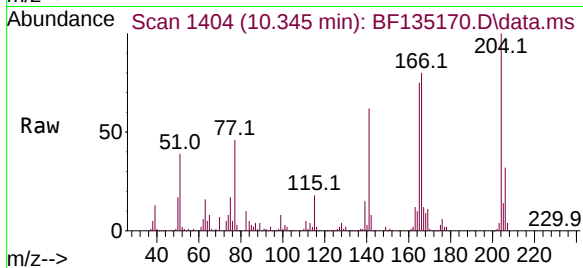




#61
4-Chlorophenyl-phenylether
Concen: 38.570 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

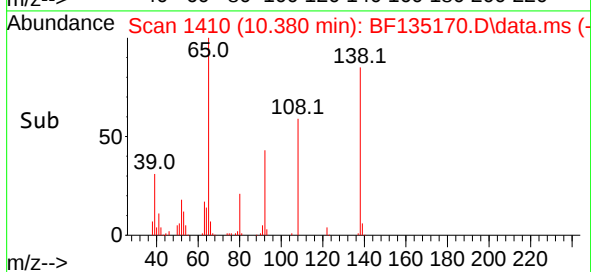
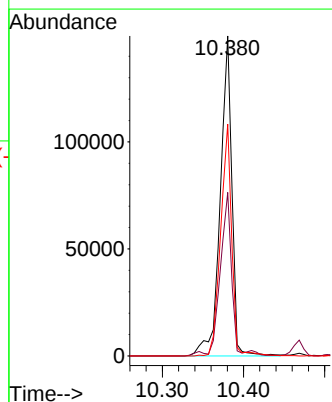
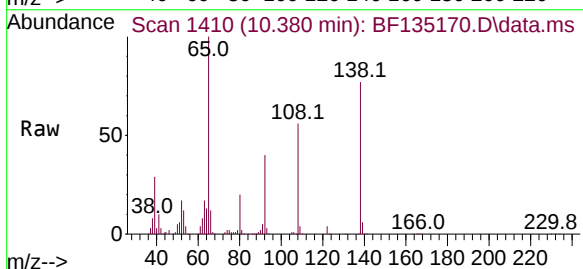
Instrument :
BNA_F
ClientSampleId :

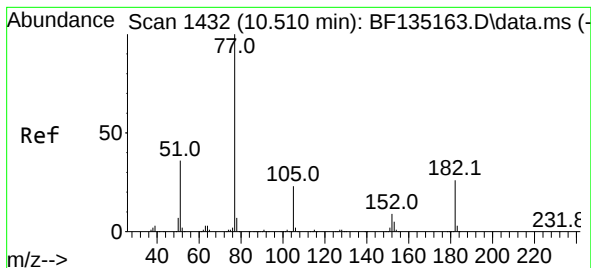
Tgt Ion:204 Resp: 262555
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 62.2 50.6 75.8



#62
4-Nitroaniline
Concen: 40.584 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:138 Resp: 149664
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 72.4 52.0 92.0





#63

Azobenzene

Concen: 39.495 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

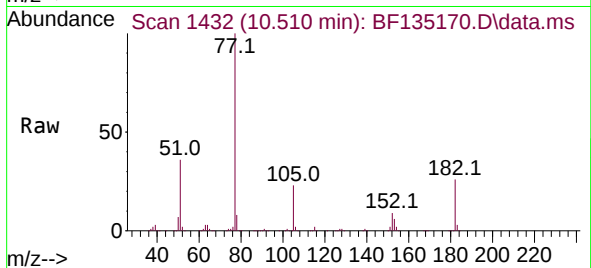
Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 578752

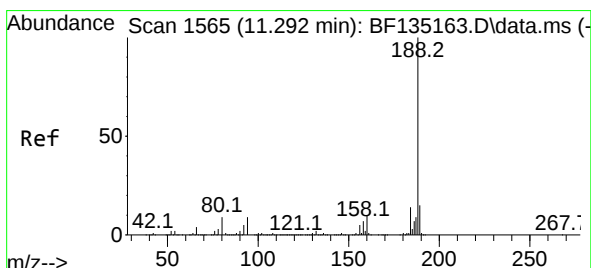
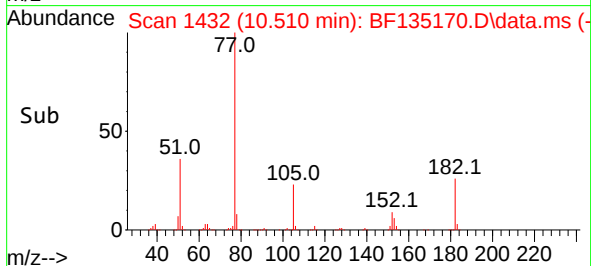
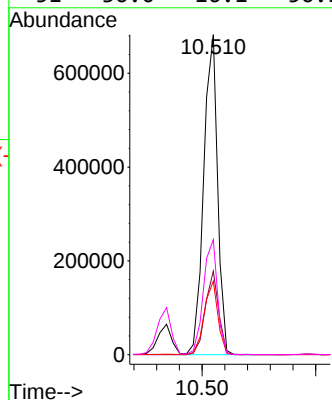
Ion Ratio Lower Upper

77 100

182 26.1 6.4 46.4

105 23.0 3.1 43.1

51 36.0 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

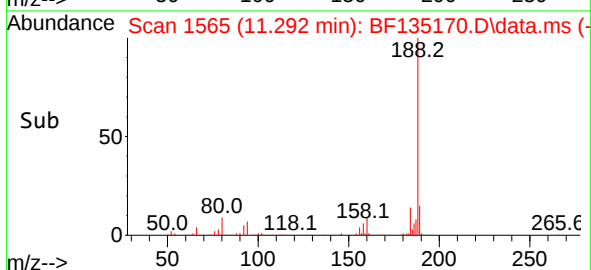
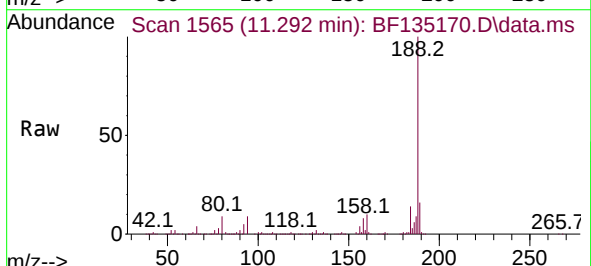
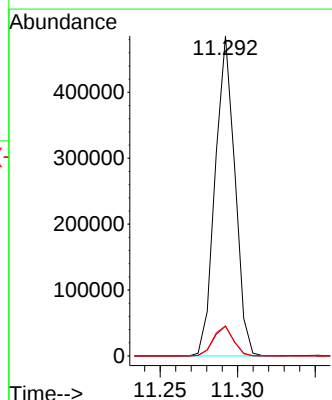
Tgt Ion: 188 Resp: 429741

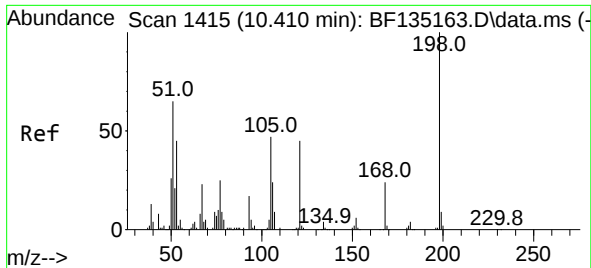
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.4 7.5 11.3

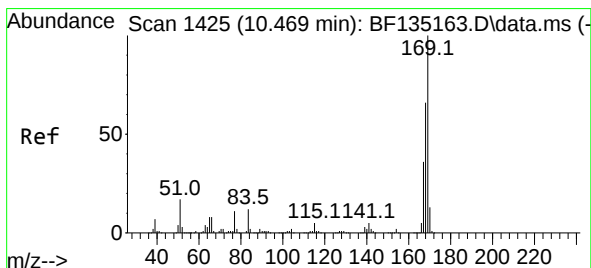
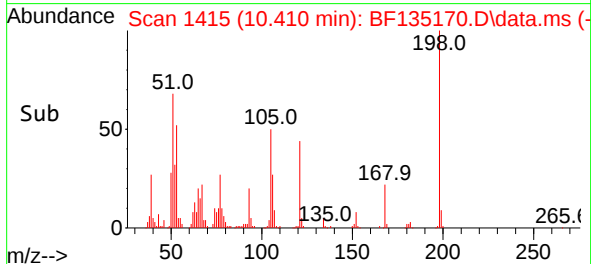
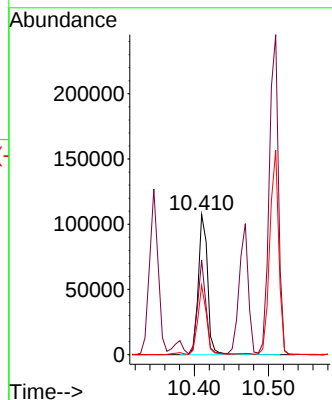
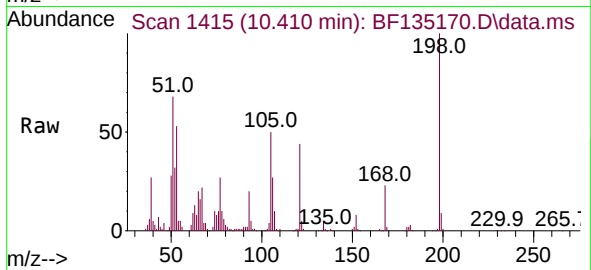




#65
4,6-Dinitro-2-methylphenol
Concen: 40.683 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

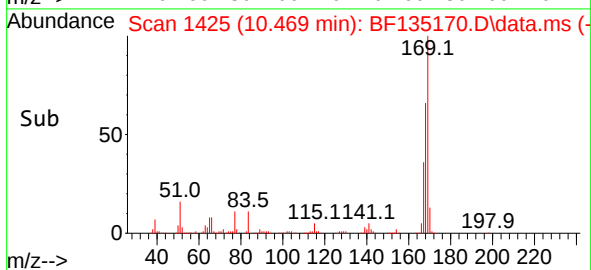
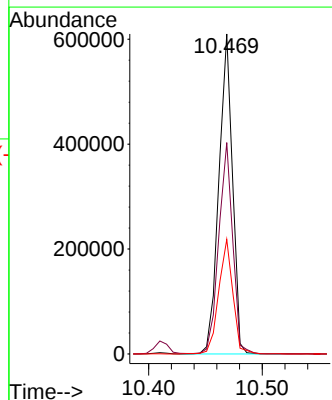
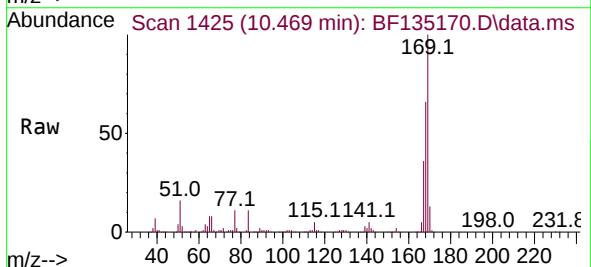
Instrument :
BNA_F
ClientSampleId :

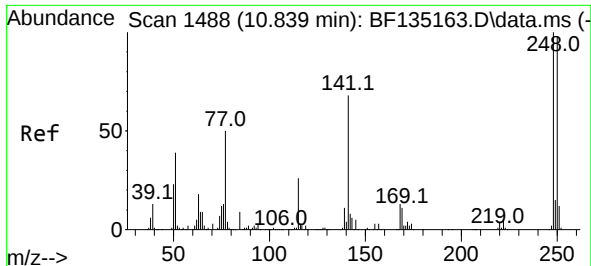
Tgt Ion:198 Resp: 92858
Ion Ratio Lower Upper
198 100
51 67.6 47.7 87.7
105 49.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 39.179 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:169 Resp: 509728
Ion Ratio Lower Upper
169 100
168 66.1 52.8 79.2
167 35.8 29.0 43.6

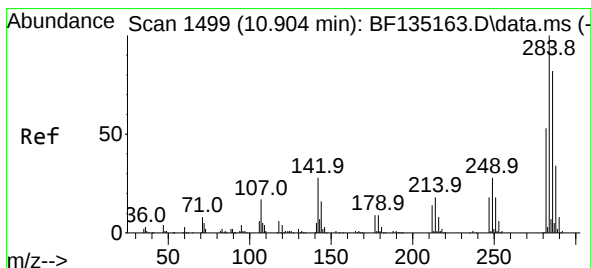
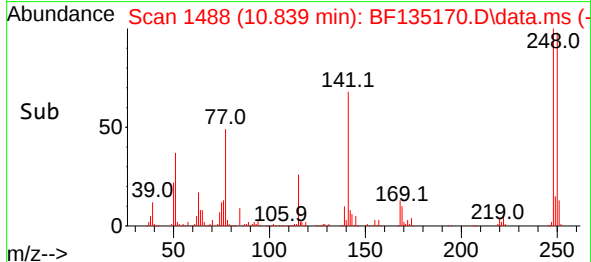
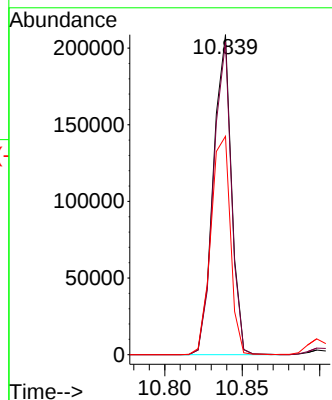
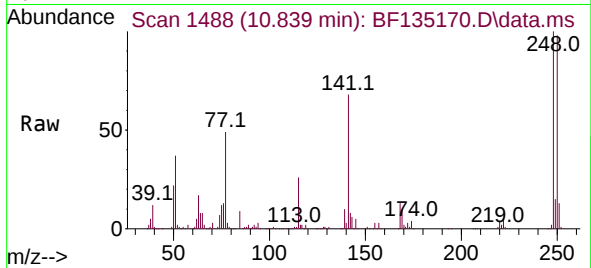




#67
4-Bromophenyl-phenylether
Concen: 39.633 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

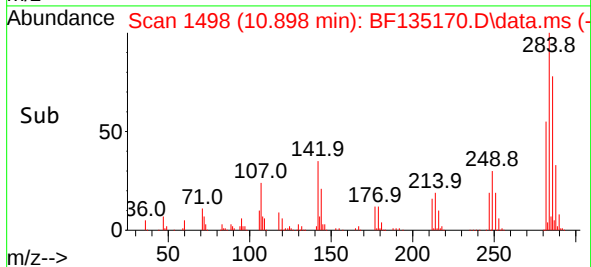
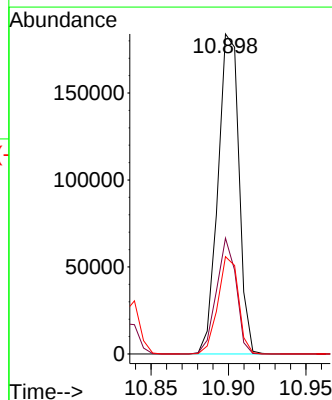
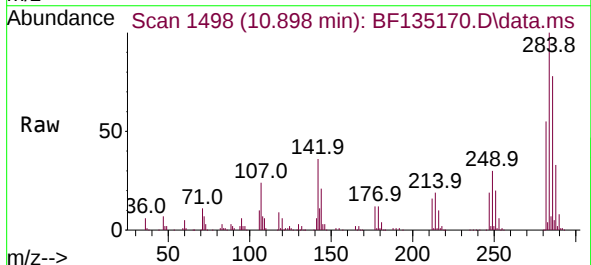
Instrument :
BNA_F
ClientSampleId :

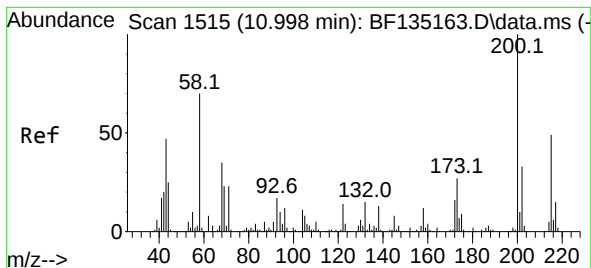
Tgt Ion:248 Resp: 169397
Ion Ratio Lower Upper
248 100
250 97.7 78.6 117.8
141 68.3 54.2 81.2



#68
Hexachlorobenzene
Concen: 39.843 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:284 Resp: 173490
Ion Ratio Lower Upper
284 100
142 36.2 22.2 33.4#
249 30.4 22.5 33.7





#69

Atrazine

Concen: 40.556 ng

RT: 10.998 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

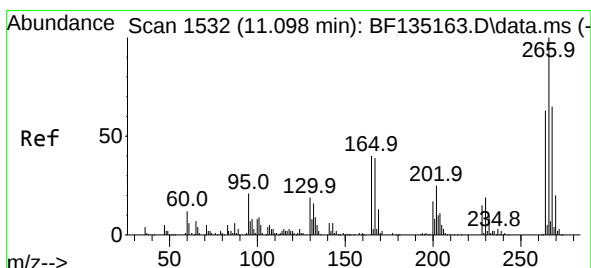
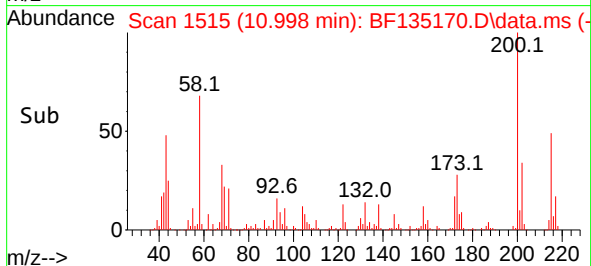
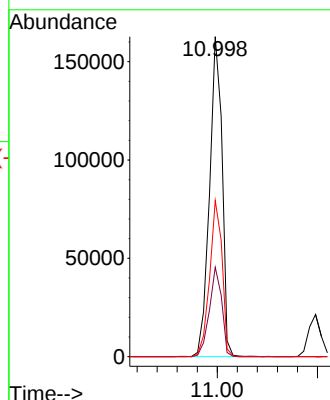
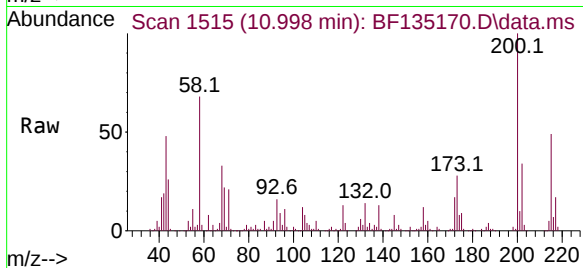
Tgt Ion:200 Resp: 141975

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.8 28.6 68.6



#70

Pentachlorophenol

Concen: 43.126 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

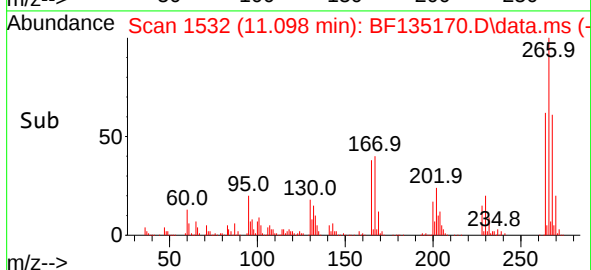
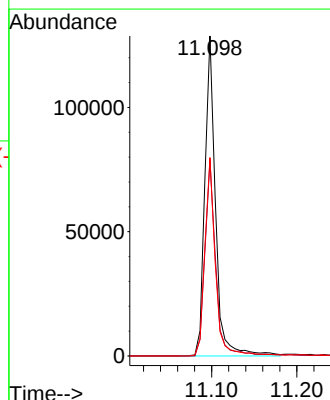
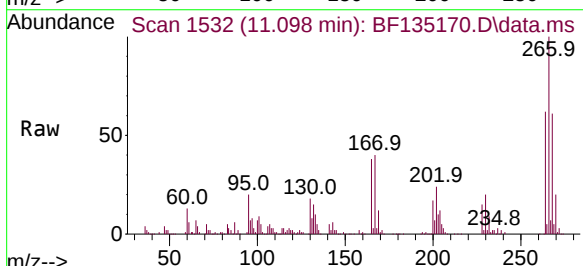
Tgt Ion:266 Resp: 112351

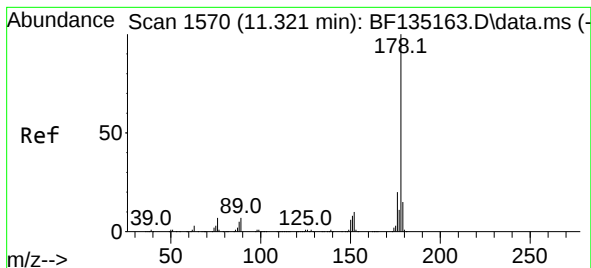
Ion Ratio Lower Upper

266 100

268 61.1 52.1 78.1

264 62.0 50.8 76.2





#71

Phenanthrene

Concen: 39.141 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

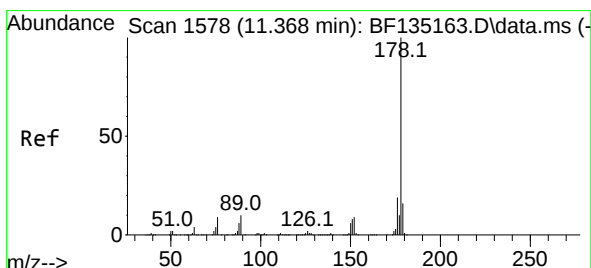
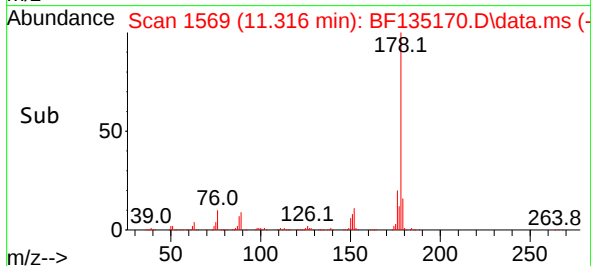
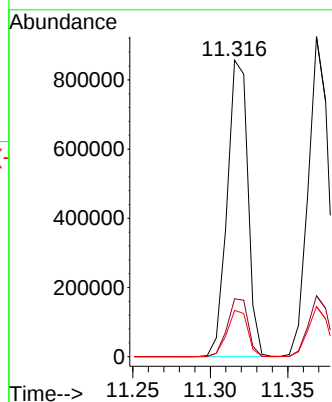
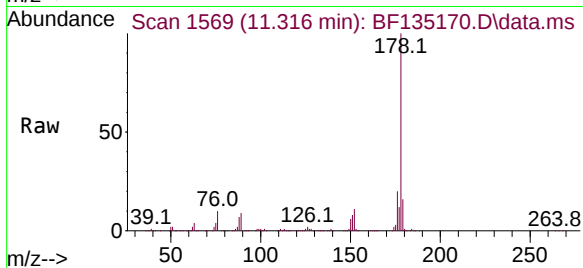
Tgt Ion:178 Resp: 795528

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.6 12.0 18.0



#72

Anthracene

Concen: 39.357 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

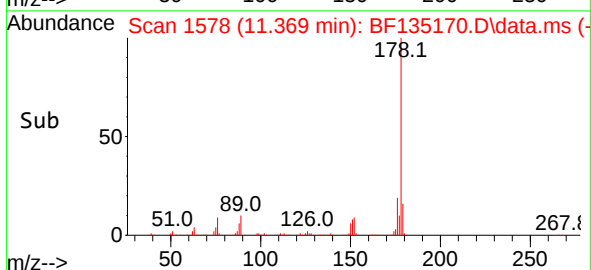
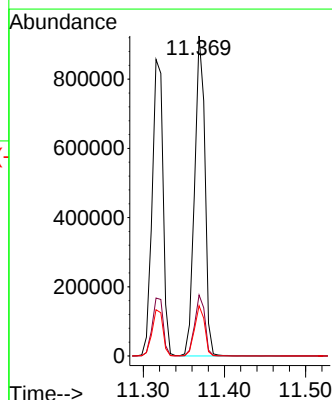
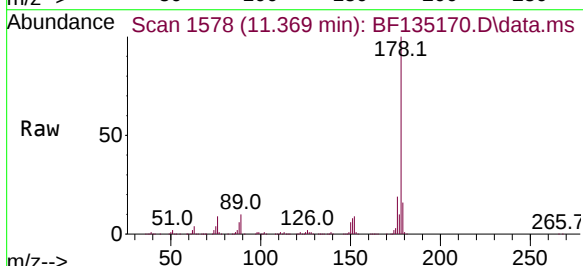
Tgt Ion:178 Resp: 822244

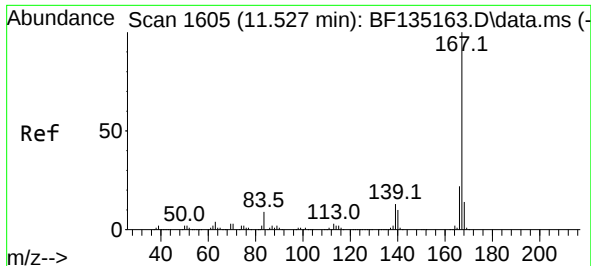
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.7 12.6 19.0

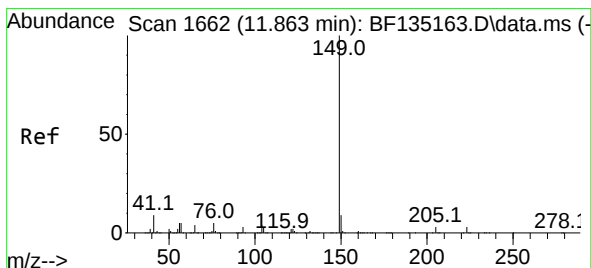
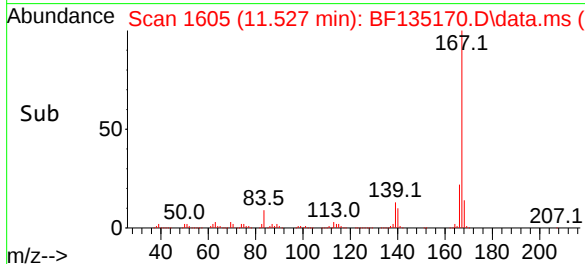
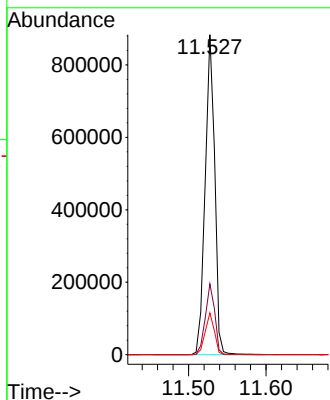
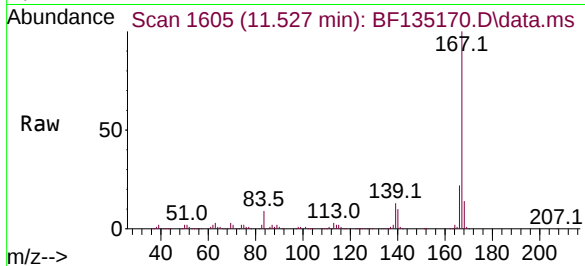




#73
 Carbazole
 Concen: 39.833 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

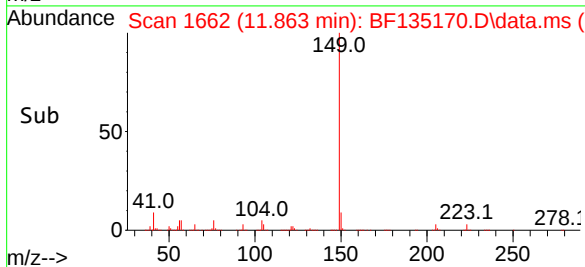
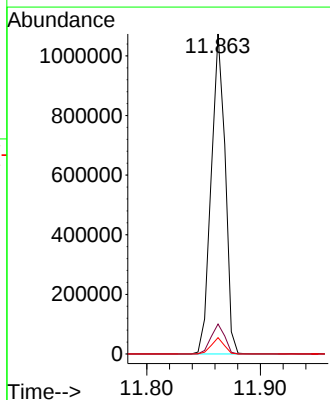
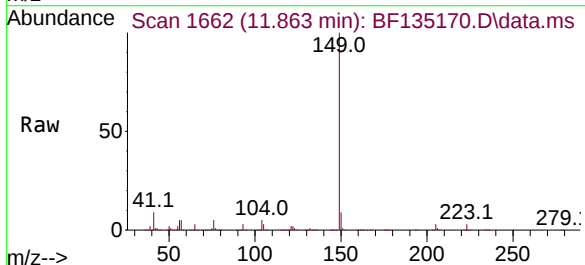
Instrument :
 BNA_F
 ClientSampleId :

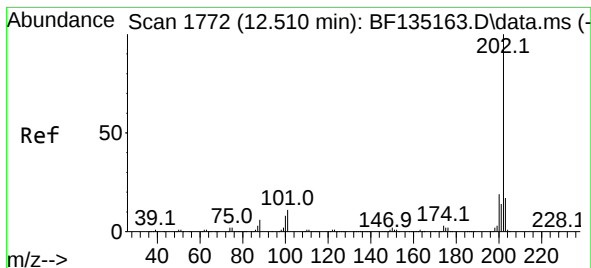
Tgt Ion:167 Resp: 757559
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 40.755 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135170.D
 Acq: 12 Sep 2023 08:53

Tgt Ion:149 Resp: 913327
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.1 3.6 5.4

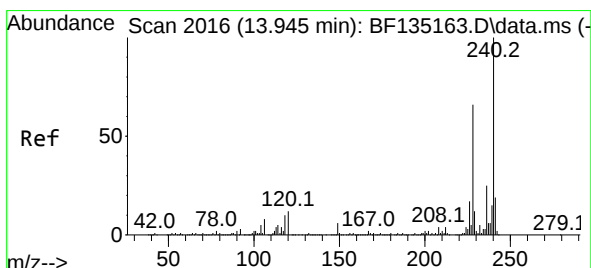
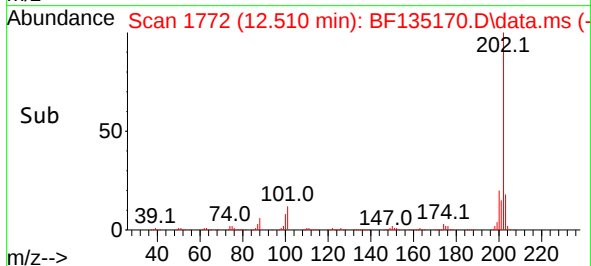
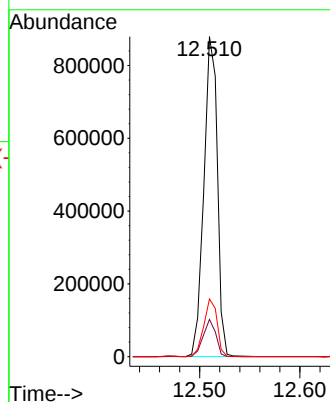
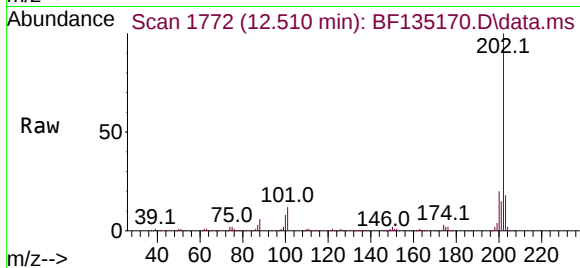




#75
Fluoranthene
Concen: 39.013 ng
RT: 12.510 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

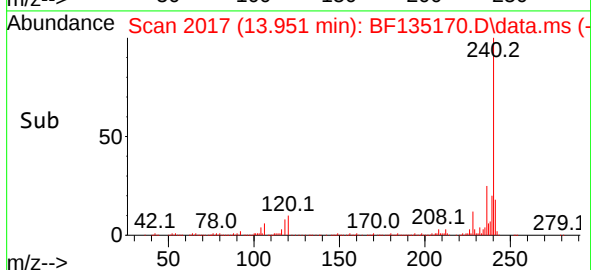
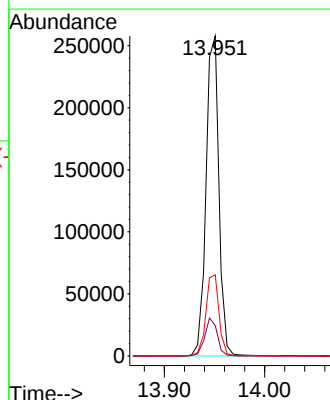
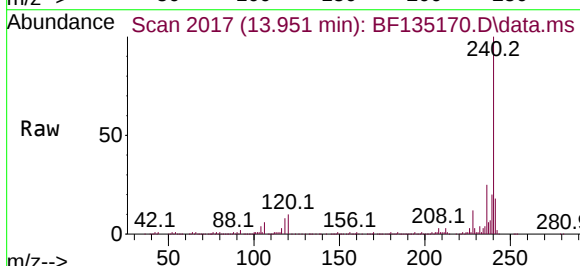
Instrument :
BNA_F
ClientSampleId :

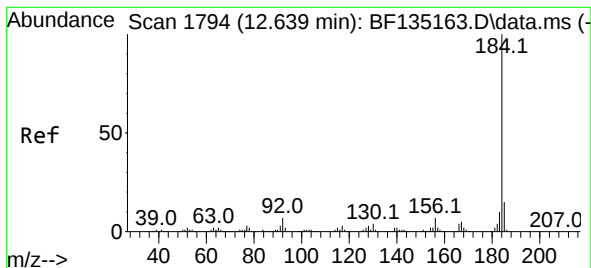
Tgt Ion:202 Resp: 826240
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.3
203 18.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:240 Resp: 231225
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 45.235 ng

RT: 12.639 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

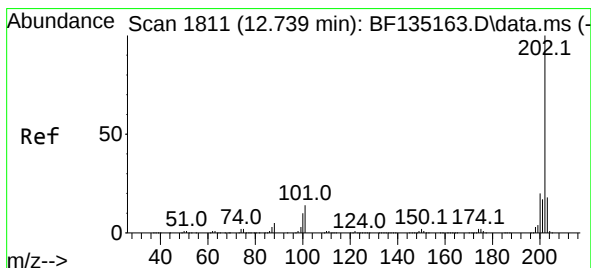
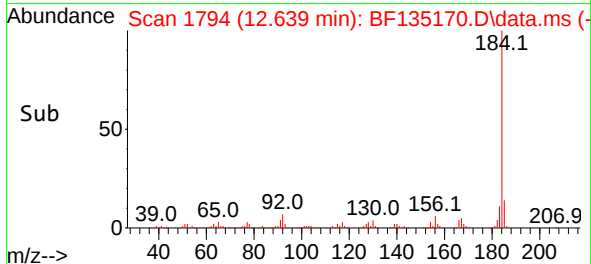
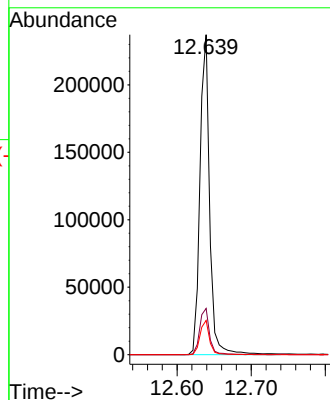
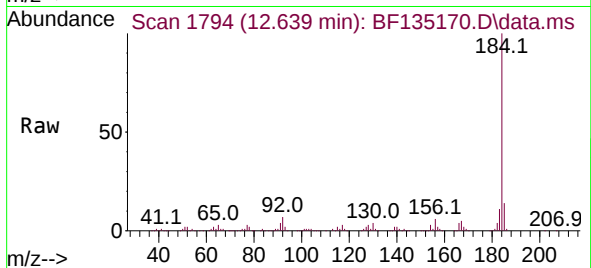
Tgt Ion:184 Resp: 214282

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.7 8.2 12.4



#78

Pyrene

Concen: 38.557 ng

RT: 12.739 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

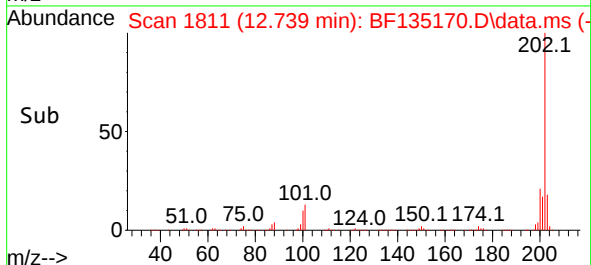
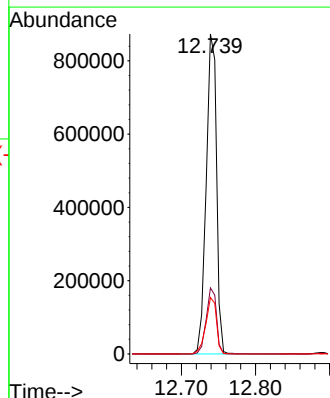
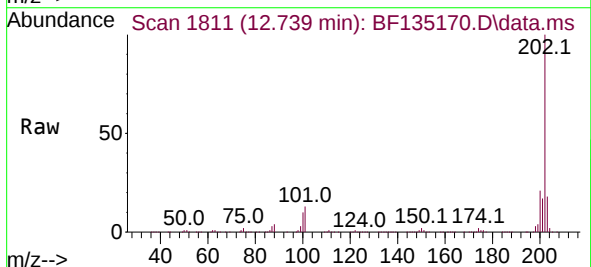
Tgt Ion:202 Resp: 848813

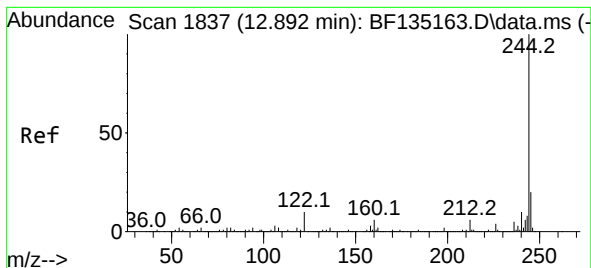
Ion Ratio Lower Upper

202 100

200 20.7 16.2 24.2

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 74.050 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

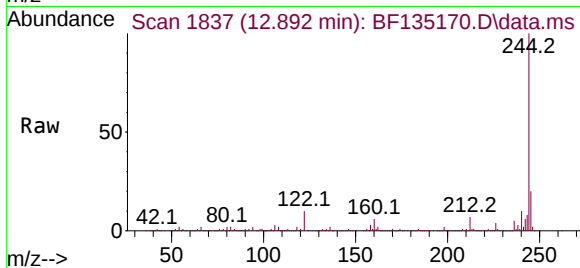
Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :



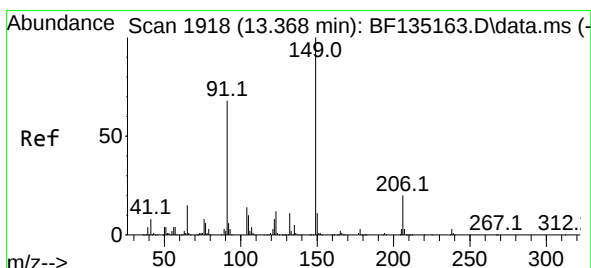
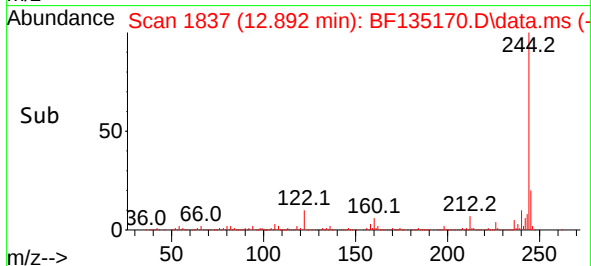
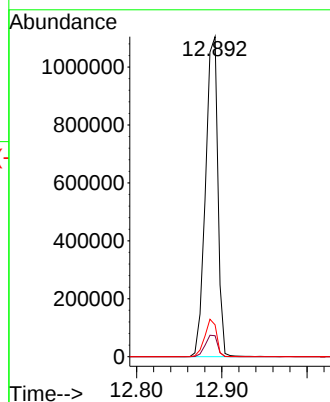
Tgt Ion:244 Resp: 1104515

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 10.0 7.9 11.9



#80

Butylbenzylphthalate

Concen: 40.846 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

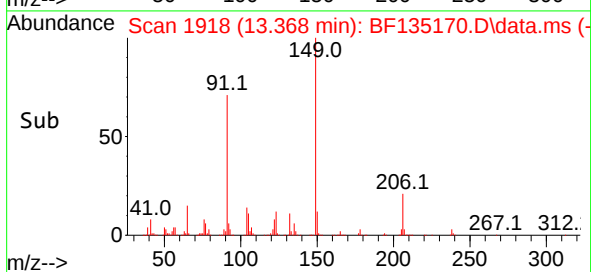
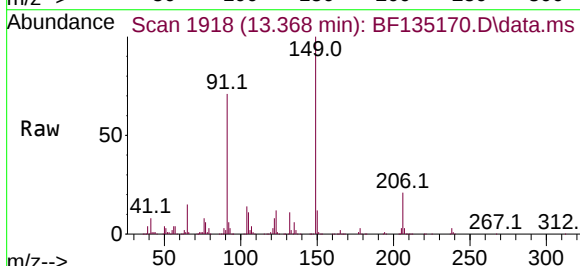
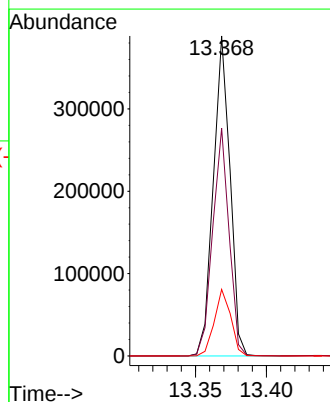
Tgt Ion:149 Resp: 316596

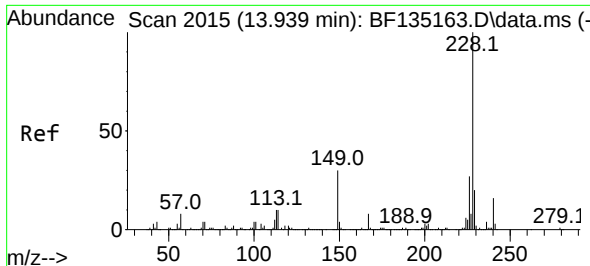
Ion Ratio Lower Upper

149 100

91 71.2 54.7 82.1

206 20.8 16.3 24.5

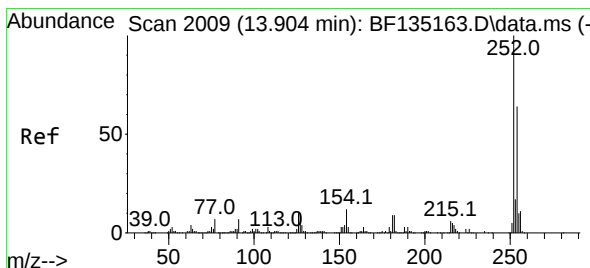
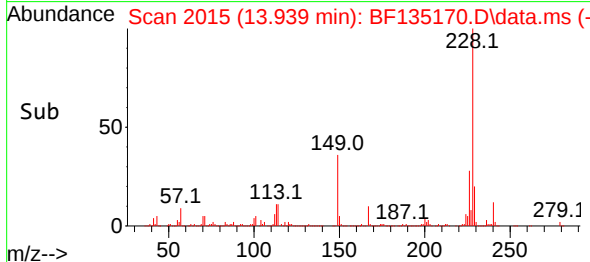
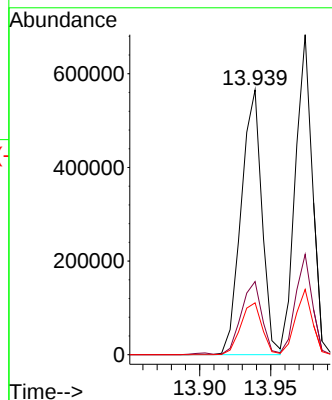
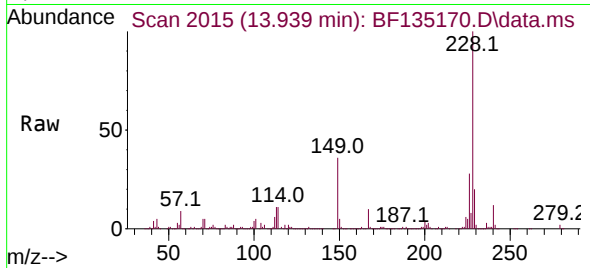




#81
Benzo(a)anthracene
Concen: 38.531 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

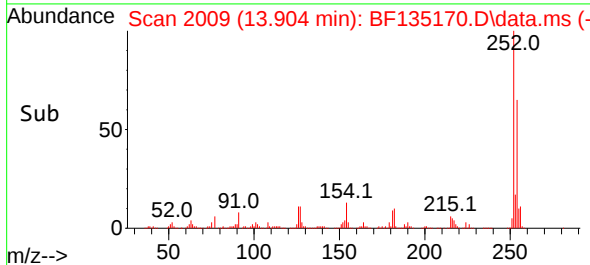
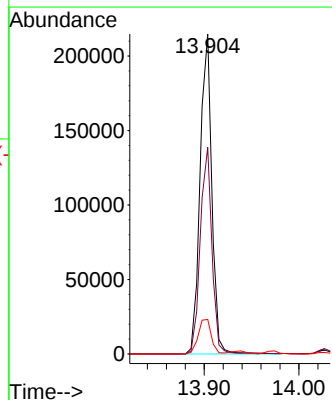
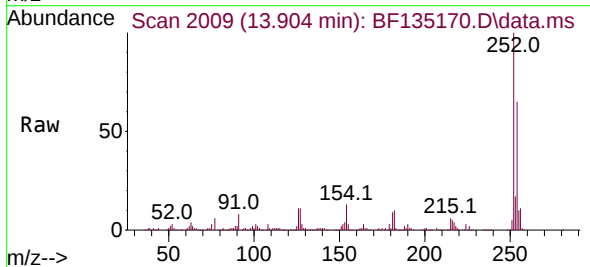
Instrument :
BNA_F
ClientSampleId :

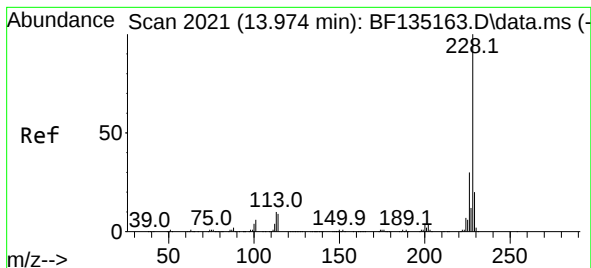
Tgt Ion:228 Resp: 575293
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.717 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:252 Resp: 185227
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 10.8 7.8 11.8





#83

Chrysene

Concen: 38.377 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

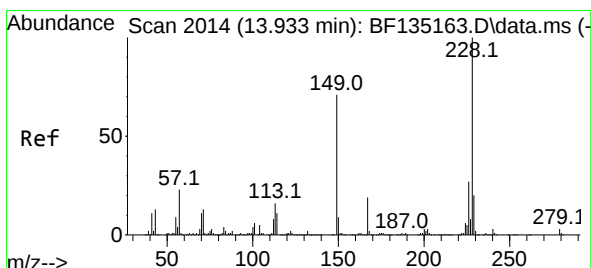
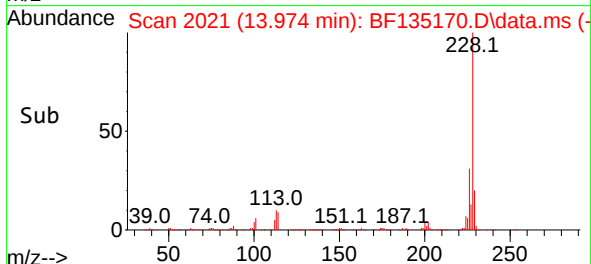
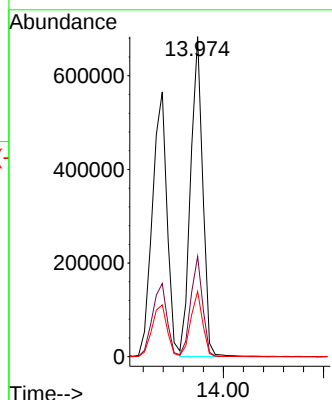
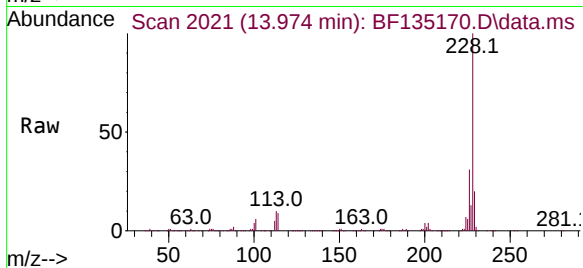
Tgt Ion:228 Resp: 569696

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.936 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

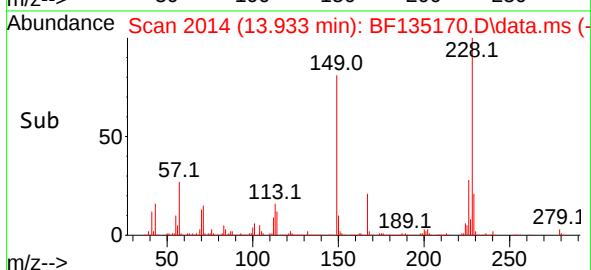
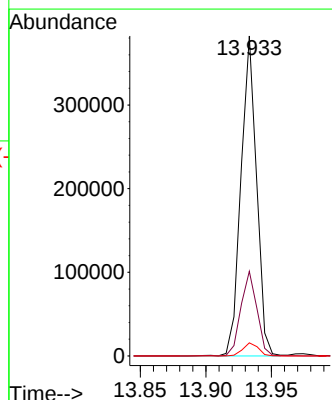
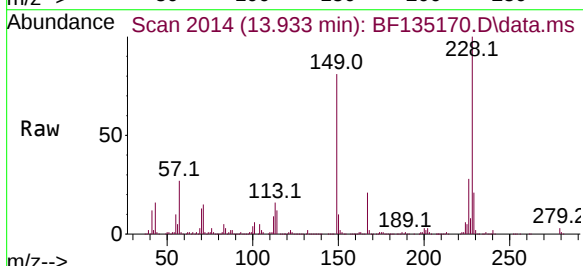
Tgt Ion:149 Resp: 317644

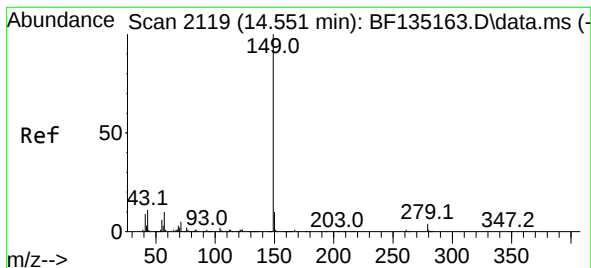
Ion Ratio Lower Upper

149 100

167 26.5 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.582 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

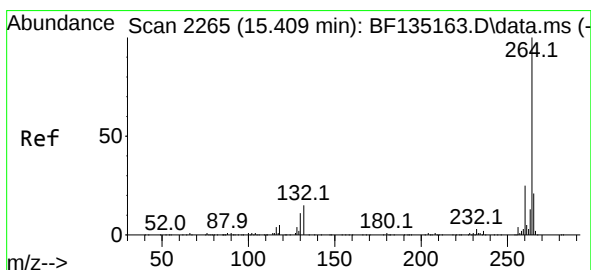
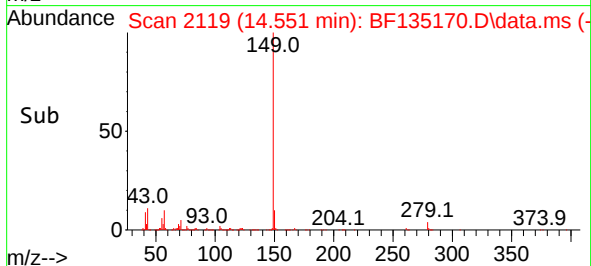
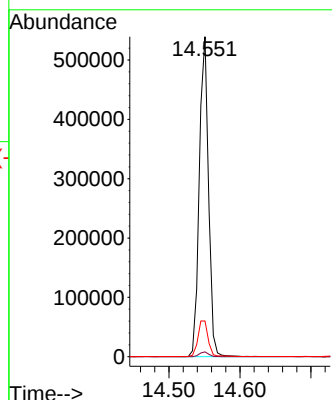
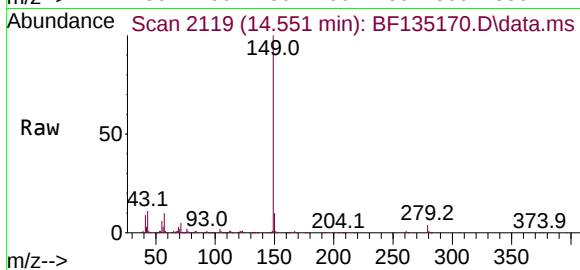
Tgt Ion:149 Resp: 487677

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

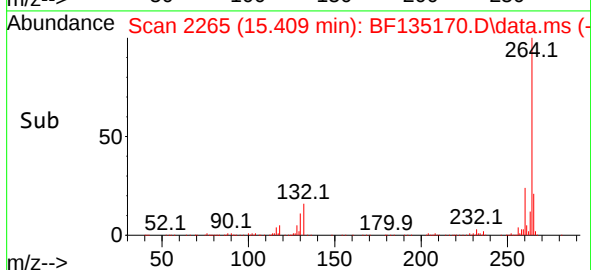
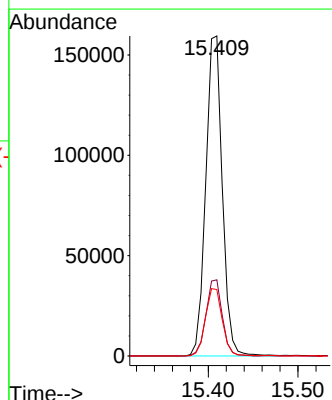
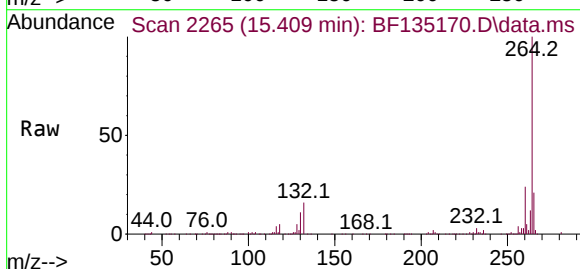
Tgt Ion:264 Resp: 204250

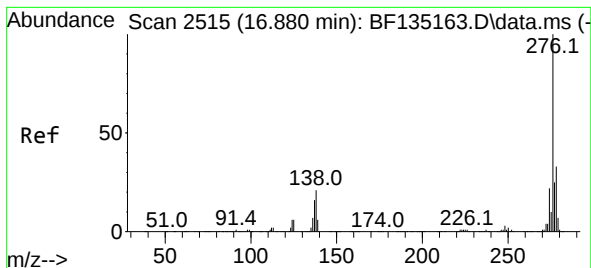
Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 20.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.719 ng

RT: 16.886 min Scan# 2119

Delta R.T. 0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

Instrument :

BNA_F

ClientSampleId :

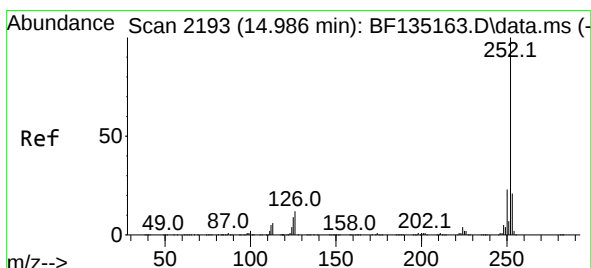
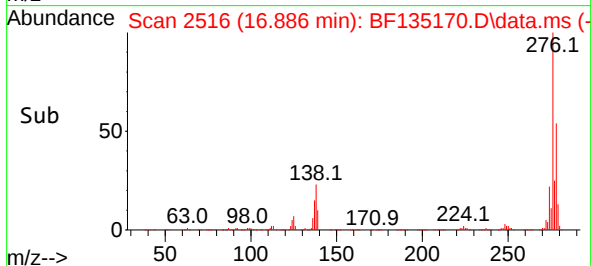
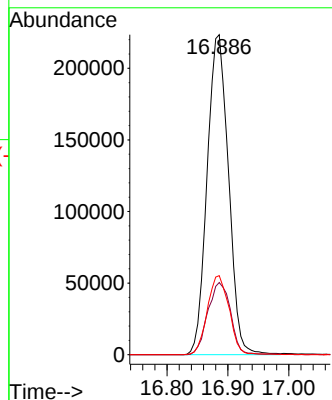
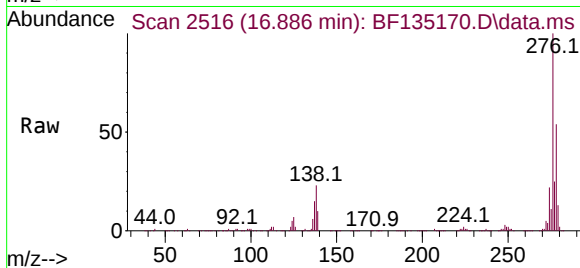
Tgt Ion:276 Resp: 545308

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 40.075 ng

RT: 14.980 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF135170.D

Acq: 12 Sep 2023 08:53

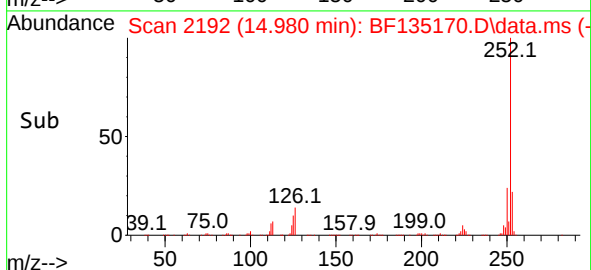
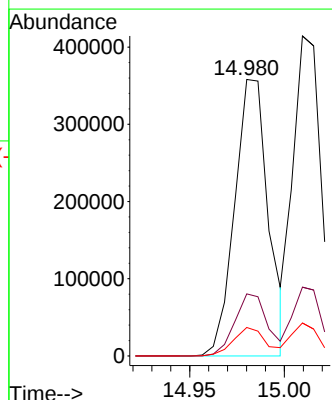
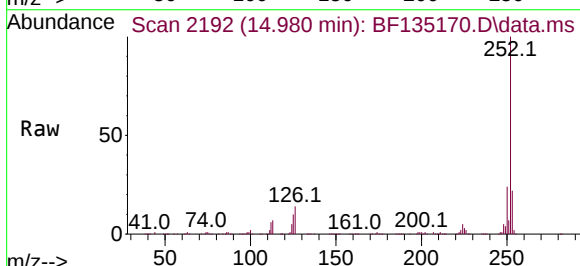
Tgt Ion:252 Resp: 443105

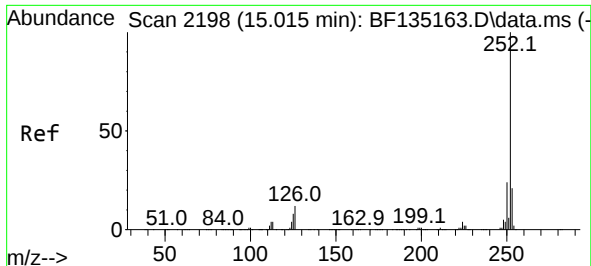
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

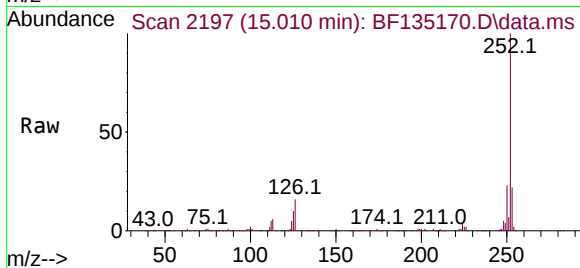
125 10.3 7.1 10.7



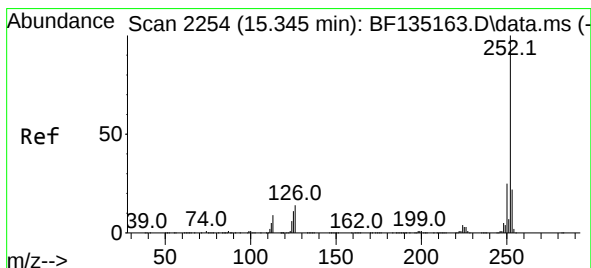
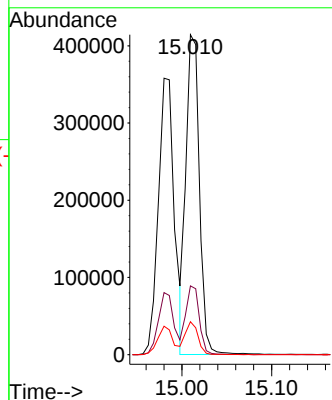
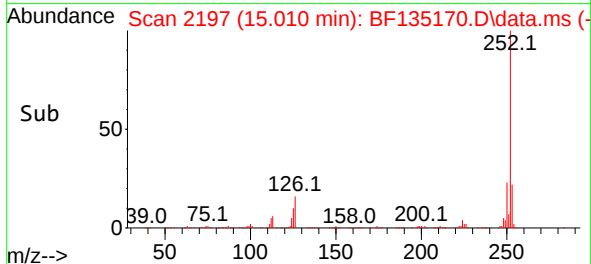


#89
Benzo(k)fluoranthene
Concen: 39.612 ng
RT: 15.010 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

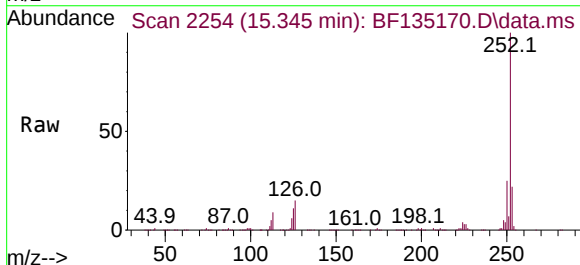
Instrument :
BNA_F
ClientSampleId :



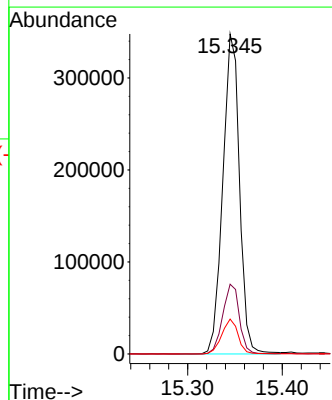
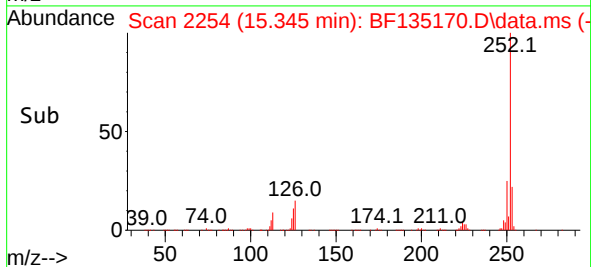
Tgt Ion:252 Resp: 432646
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 10.3 7.2 10.8

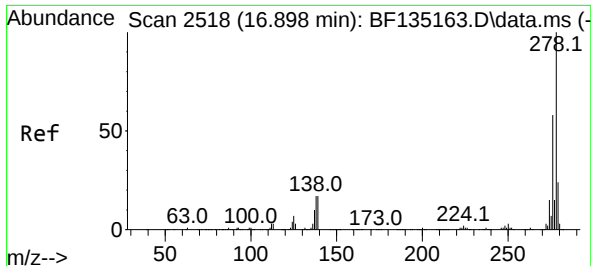


#90
Benzo(a)pyrene
Concen: 40.409 ng
RT: 15.345 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53



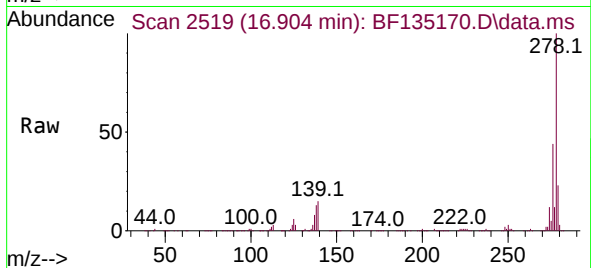
Tgt Ion:252 Resp: 426082
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 9.2 13.8



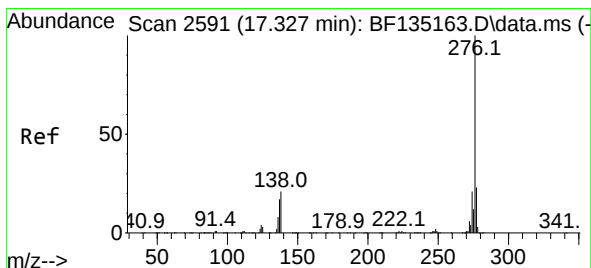
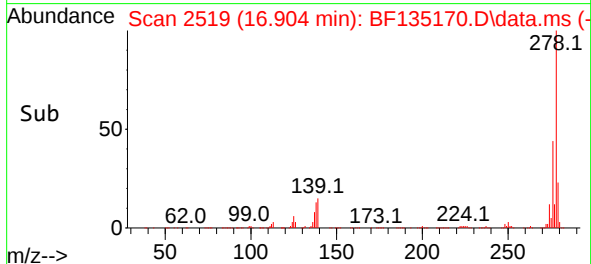
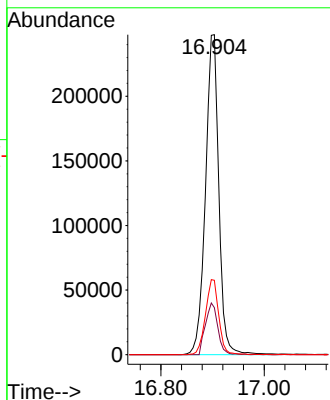


#91
Dibenzo(a,h)anthracene
Concen: 40.530 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 444113
Ion Ratio Lower Upper
278 100
139 14.7 13.4 20.0
279 23.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 41.122 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135170.D
Acq: 12 Sep 2023 08:53

Tgt Ion:276 Resp: 470588
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 20.5 16.9 25.3

