

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135189.D
 Acq On : 12 Sep 2023 19:21
 Operator : CG\JU
 Sample : 04305-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

Quant Time: Sep 13 02:44:24 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	97276	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	381581	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	196937	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	385583	20.000	ng	0.00
76) Chrysene-d12	13.951	240	208484	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	185955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	885098	147.988	ng	0.03
7) Phenol-d6	6.416	99	1049102	137.948	ng	0.01
23) Nitrobenzene-d5	7.334	82	746121	106.233	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	326063	166.607	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1340917	102.727	ng	0.00
79) Terphenyl-d14	12.892	244	1435623	106.746	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	125650	47.923	ng	# 82
3) Pyridine	3.428	79	281807	39.936	ng	99
4) n-Nitrosodimethylamine	3.363	42	204408	54.587	ng	98
6) Aniline	6.434	93	238470	23.912	ng	# 75
8) 2-Chlorophenol	6.551	128	361059	56.551	ng	99
9) Benzaldehyde	6.322	77	91629	21.150	ng	98
10) Phenol	6.428	94	385297	46.203	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	369515	59.072	ng	100
12) 1,3-Dichlorobenzene	6.704	146	341120	52.572	ng	99
13) 1,4-Dichlorobenzene	6.781	146	351439	53.236	ng	98
14) 1,2-Dichlorobenzene	6.934	146	332435	54.226	ng	99
15) Benzyl Alcohol	6.916	79	317110	58.108	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	617333	52.357	ng	97
17) 2-Methylphenol	7.028	107	284810	50.550	ng	98
18) Hexachloroethane	7.269	117	130264	53.404	ng	91
19) n-Nitroso-di-n-propyla...	7.187	70	247258	52.490	ng	99
20) 3+4-Methylphenols	7.181	107	334745	49.410	ng	99
22) Acetophenone	7.181	105	477766	54.765	ng	99
24) Nitrobenzene	7.351	77	379129	54.614	ng	98
25) Isophorone	7.592	82	706698	54.796	ng	100
26) 2-Nitrophenol	7.663	139	191921	57.603	ng	99
27) 2,4-Dimethylphenol	7.704	122	278510	49.731	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	429700	55.666	ng	99
29) 2,4-Dichlorophenol	7.904	162	293381	56.535	ng	98
30) 1,2,4-Trichlorobenzene	7.986	180	302351	55.743	ng	99
31) Naphthalene	8.063	128	1003557	54.130	ng	100
32) Benzoic acid	7.828	122	137409	32.584	ng	98
33) 4-Chloroaniline	8.116	127	147650	18.152	ng	99
34) Hexachlorobutadiene	8.181	225	176942	54.101	ng	99
35) Caprolactam	8.504	113	46282	26.574	ng	98
36) 4-Chloro-3-methylphenol	8.610	107	329554	57.139	ng	97
37) 2-Methylnaphthalene	8.757	142	648880	52.067	ng	97
38) 1-Methylnaphthalene	8.857	142	626825	53.723	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	307672	53.926	ng	100
41) Hexachlorocyclopentadiene	8.910	237	241987	94.756	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	214686	57.471	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135189.D
 Acq On : 12 Sep 2023 19:21
 Operator : CG\JU
 Sample : 04305-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

Quant Time: Sep 13 02:44:24 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

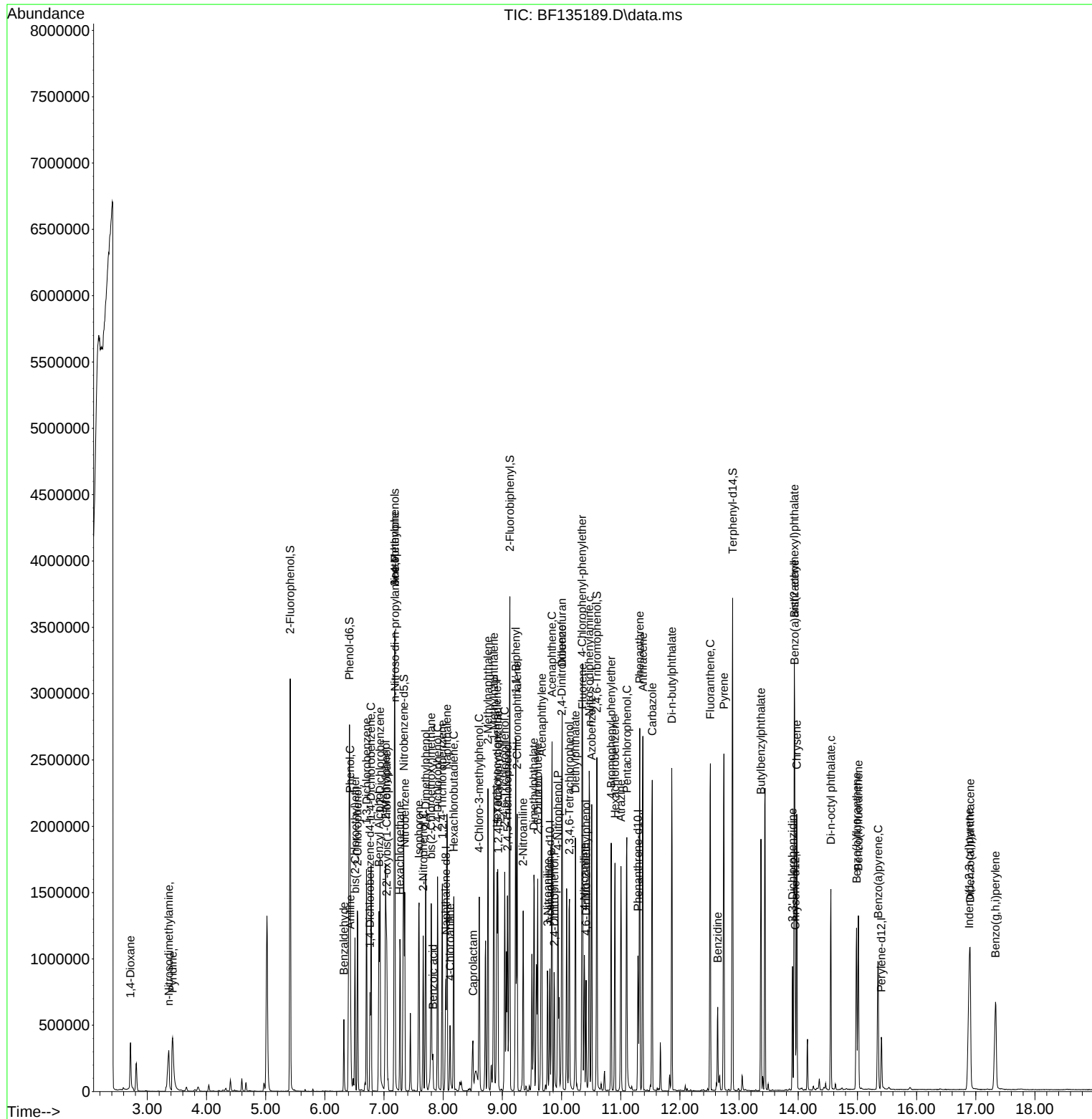
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	234960	54.617	ng	98
46) 1,1'-Biphenyl	9.228	154	826994	54.644	ng	99
47) 2-Chloronaphthalene	9.251	162	620283	56.488	ng	100
48) 2-Nitroaniline	9.351	65	243613	57.106	ng	97
49) Acenaphthylene	9.669	152	1047355	57.391	ng	99
50) Dimethylphthalate	9.533	163	779732	58.561	ng	99
51) 2,6-Dinitrotoluene	9.598	165	169653	58.163	ng	89
52) Acenaphthene	9.839	154	589846	54.713	ng	98
53) 3-Nitroaniline	9.763	138	134194	39.193	ng	99
54) 2,4-Dinitrophenol	9.880	184	111468	68.307	ng	91
55) Dibenzofuran	10.010	168	885672	53.836	ng	98
56) 4-Nitrophenol	9.939	139	250424	115.081	ng	99
57) 2,4-Dinitrotoluene	10.004	165	206710	56.607	ng	91
58) Fluorene	10.357	166	702333	55.533	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	197812	59.776	ng	99
60) Diethylphthalate	10.233	149	753655	56.400	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	325325	53.549	ng	99
62) 4-Nitroaniline	10.386	138	184955	56.197	ng	98
63) Azobenzene	10.510	77	729573	55.786	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	93544	45.677	ng	92
66) n-Nitrosodiphenylamine	10.469	169	640803	54.894	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	208290	54.314	ng	94
68) Hexachlorobenzene	10.904	284	234166	59.937	ng	97
69) Atrazine	11.004	200	206111	65.620	ng	98
70) Pentachlorophenol	11.104	266	254545	108.897	ng	100
71) Phenanthrene	11.322	178	1013189	55.559	ng	99
72) Anthracene	11.374	178	1041237	55.547	ng	99
73) Carbazole	11.533	167	982068	57.552	ng	99
74) Di-n-butylphthalate	11.863	149	1191106	59.237	ng	100
75) Fluoranthene	12.516	202	1091967	57.465	ng	98
77) Benzidine	12.639	184	245723	57.531	ng	98
78) Pyrene	12.745	202	1100848	55.460	ng	99
80) Butylbenzylphthalate	13.368	149	444361	63.584	ng	97
81) Benzo(a)anthracene	13.939	228	757489	56.267	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	190109	45.210	ng	99
83) Chrysene	13.974	228	742608	55.482	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	462969	64.557	ng	99
85) Di-n-octyl phthalate	14.551	149	691531	60.677	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	718661	58.943	ng	99
88) Benzo(b)fluoranthene	14.986	252	592280	58.837	ng	99
89) Benzo(k)fluoranthene	15.015	252	566170	56.937	ng	99
90) Benzo(a)pyrene	15.351	252	521460	54.321	ng	98
91) Dibenzo(a,h)anthracene	16.904	278	593995	59.542	ng	98
92) Benzo(g,h,i)perylene	17.333	276	608668	58.421	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135189.D
 Acq On : 12 Sep 2023 19:21
 Operator : CG\JU
 Sample : 04305-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

Quant Time: Sep 13 02:44:24 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

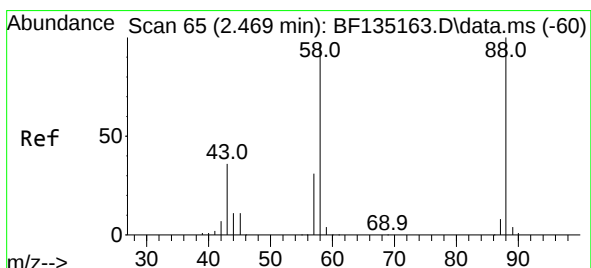
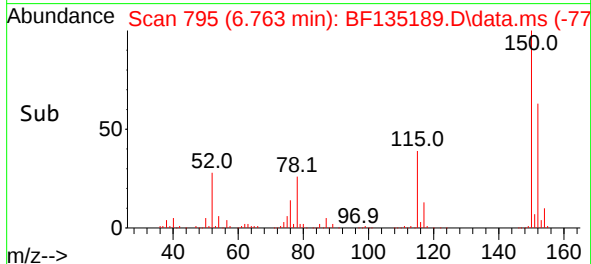
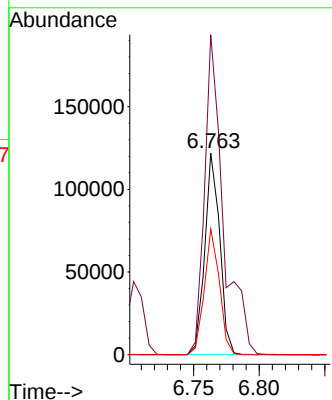
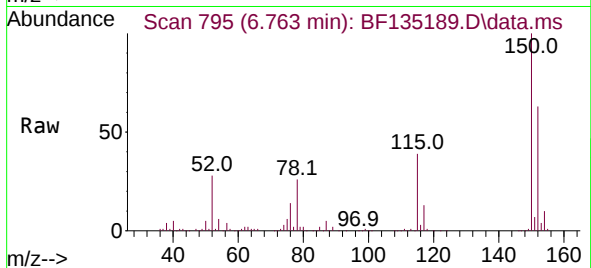




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135189.D
 Acq: 12 Sep 2023 19:21

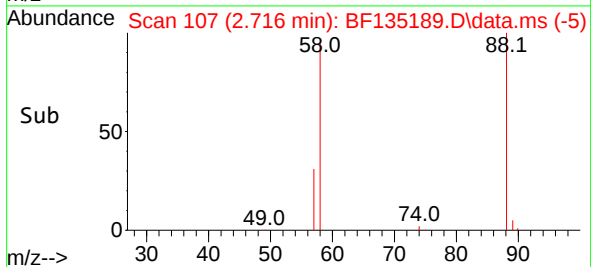
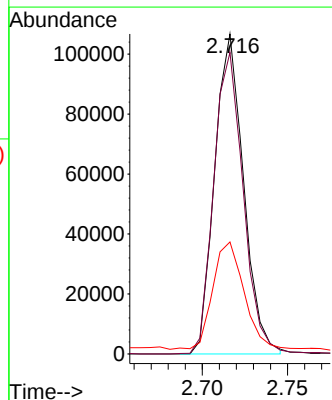
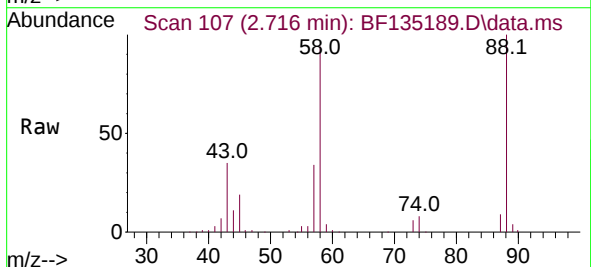
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

Tgt Ion:152 Resp: 97276
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.8 191.6
 115 62.4 49.8 74.8



#2
 1,4-Dioxane
 Concen: 47.923 ng
 RT: 2.716 min Scan# 107
 Delta R.T. 0.247 min
 Lab File: BF135189.D
 Acq: 12 Sep 2023 19:21

Tgt Ion: 88 Resp: 125650
 Ion Ratio Lower Upper
 88 100
 58 96.0 78.3 117.5
 43 0.0 29.4 44.0#

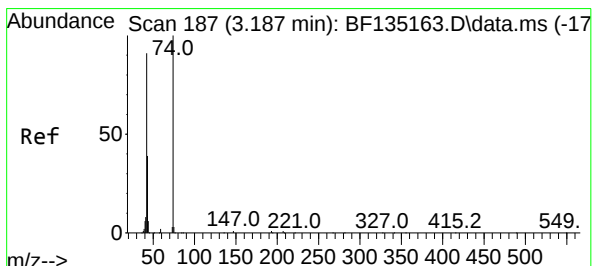
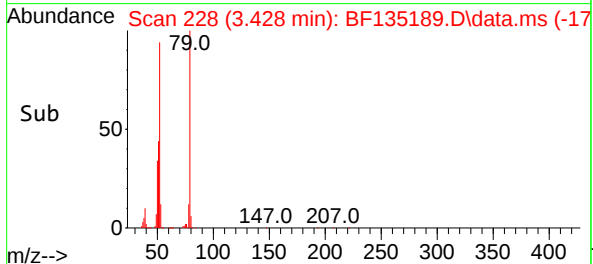
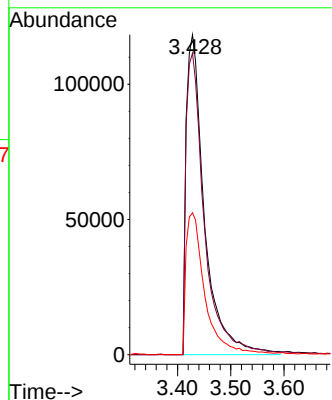
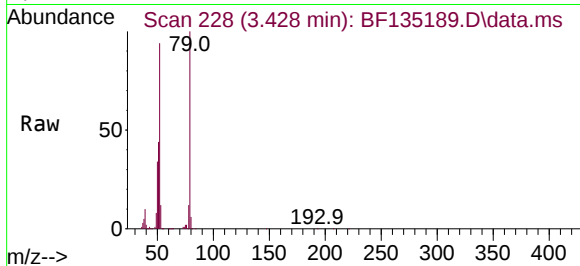




#3
 Pyridine
 Concen: 39.936 ng
 RT: 3.428 min Scan# 21
 Delta R.T. 0.212 min
 Lab File: BF135189.D
 Acq: 12 Sep 2023 19:21

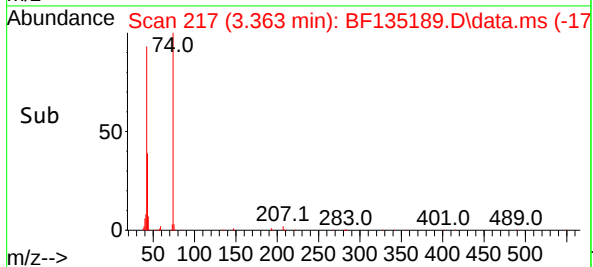
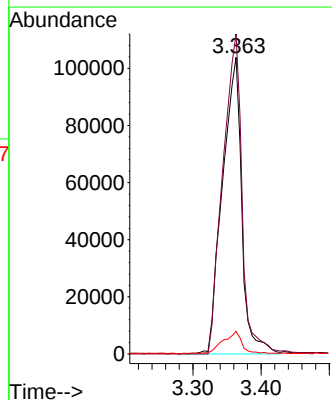
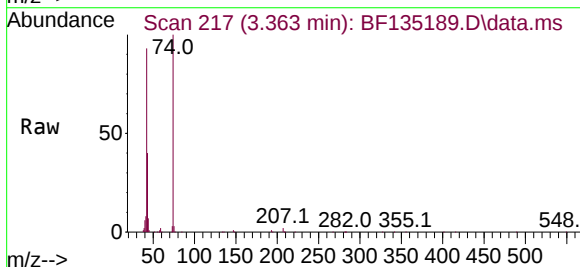
Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPHMSD

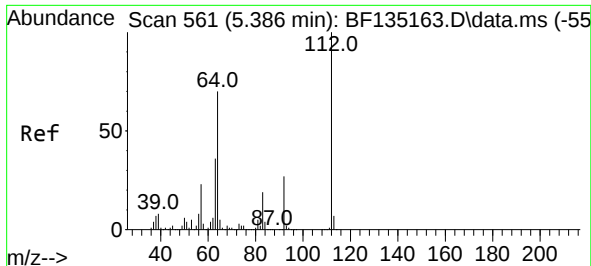
Tgt Ion: 79 Resp: 281807
 Ion Ratio Lower Upper
 79 100
 52 94.3 74.1 111.1
 51 44.4 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 54.587 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.177 min
 Lab File: BF135189.D
 Acq: 12 Sep 2023 19:21

Tgt Ion: 42 Resp: 204408
 Ion Ratio Lower Upper
 42 100
 74 107.8 87.7 131.5
 44 7.6 5.6 8.4

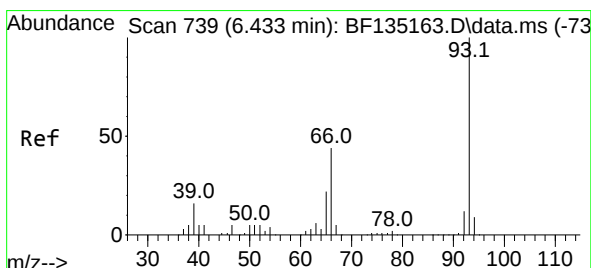
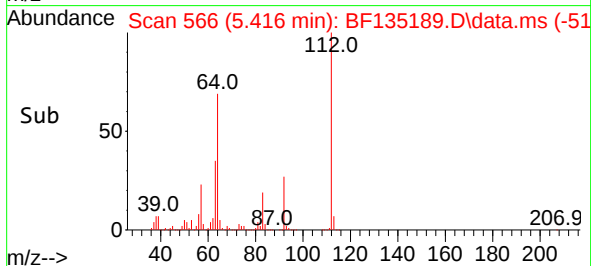
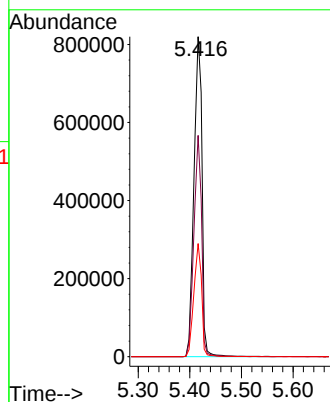
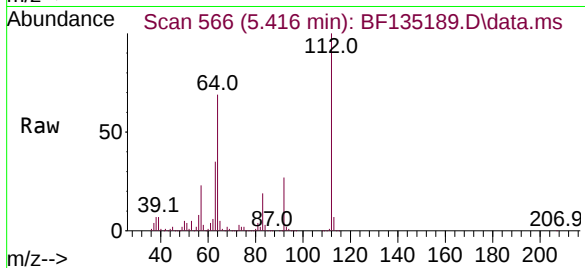




#5
2-Fluorophenol
Concen: 147.988 ng
RT: 5.416 min Scan# 561
Delta R.T. 0.030 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

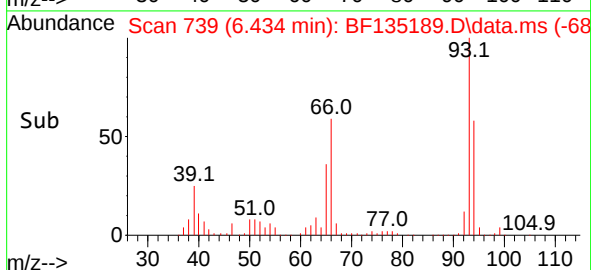
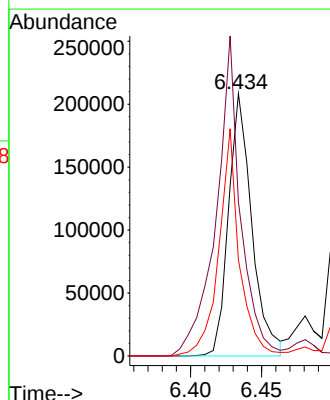
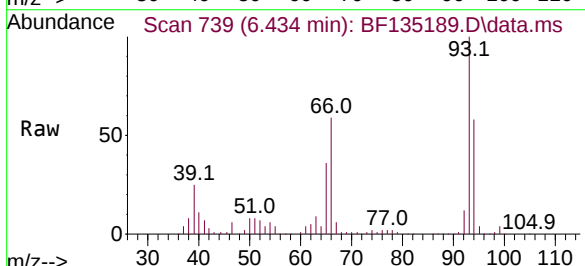
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

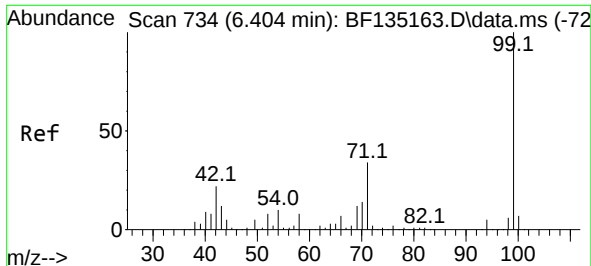
Tgt Ion:112 Resp: 885098
Ion Ratio Lower Upper
112 100
64 69.2 55.9 83.9
63 35.4 29.0 43.6



#6
Aniline
Concen: 23.912 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion: 93 Resp: 238470
Ion Ratio Lower Upper
93 100
66 58.7 35.4 53.0#
65 36.5 17.8 26.8#





#7

Phenol-d6

Concen: 137.948 ng

RT: 6.416 min Scan# 736

Delta R.T. 0.012 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

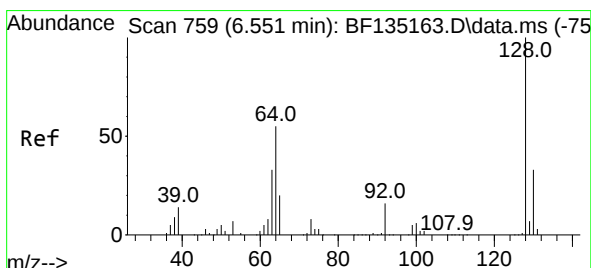
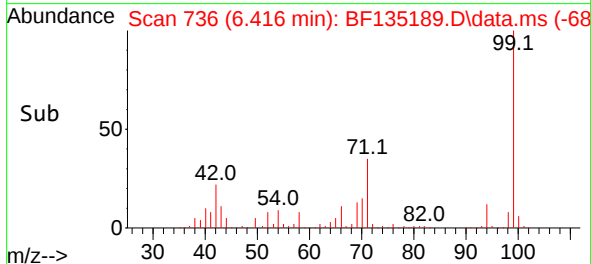
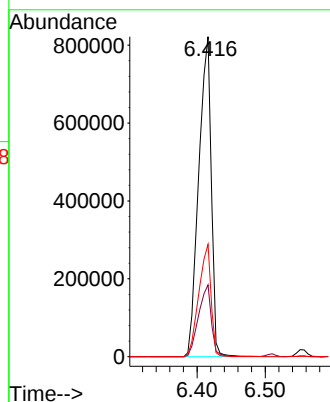
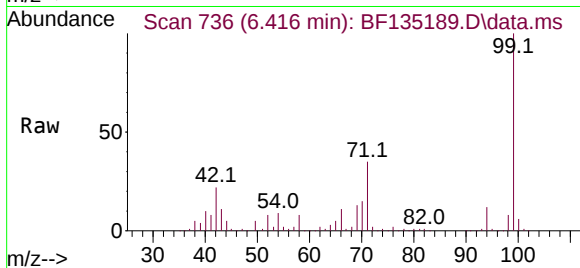
BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion: 99 Resp: 1049102

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	35.1	27.0	40.6



#8

2-Chlorophenol

Concen: 56.551 ng

RT: 6.551 min Scan# 759

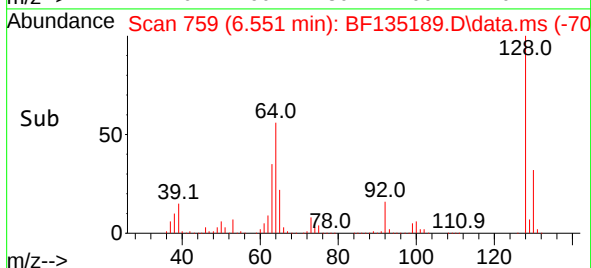
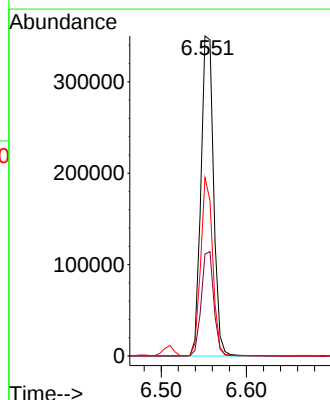
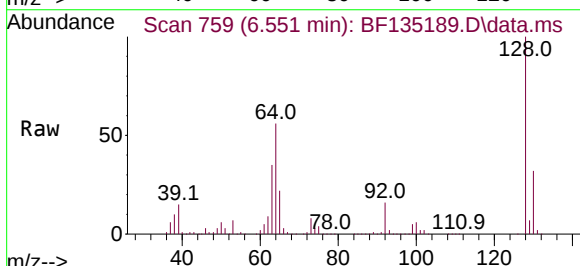
Delta R.T. 0.000 min

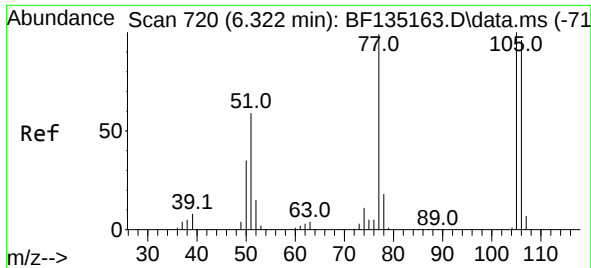
Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Tgt Ion:128 Resp: 361059

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.7	52.7
64	55.8	35.9	75.9





#9

Benzaldehyde

Concen: 21.150 ng

RT: 6.322 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

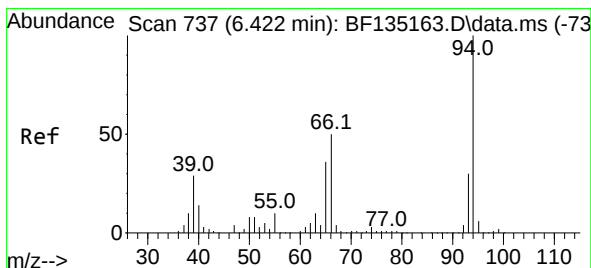
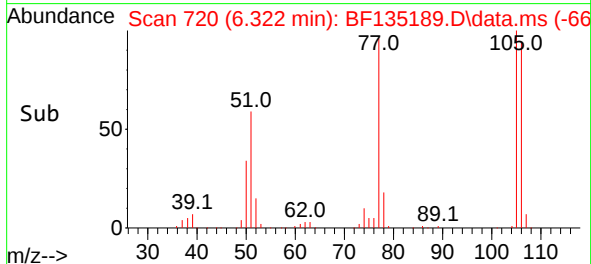
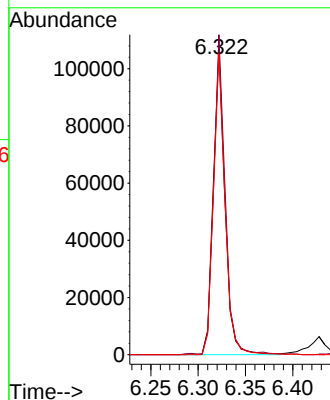
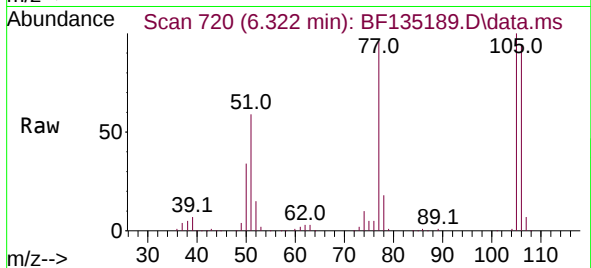
Tgt Ion: 77 Resp: 91629

Ion Ratio Lower Upper

77 100

105 104.3 81.4 121.4

106 98.1 76.9 116.9



#10

Phenol

Concen: 46.203 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

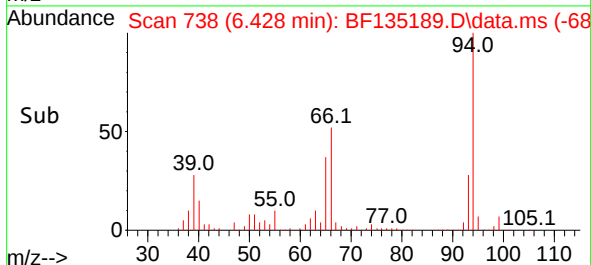
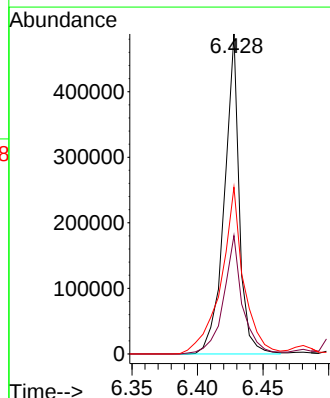
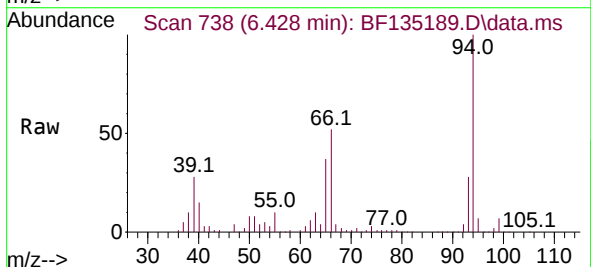
Tgt Ion: 94 Resp: 385297

Ion Ratio Lower Upper

94 100

65 37.0 15.9 55.9

66 52.1 29.8 69.8

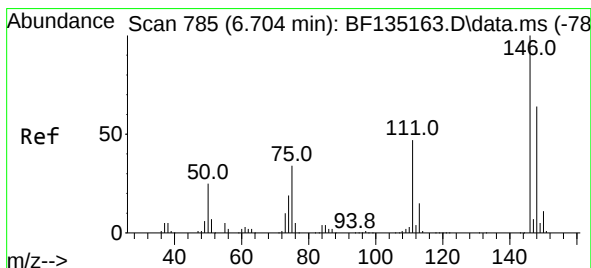
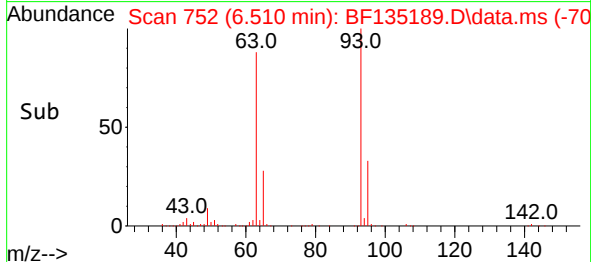
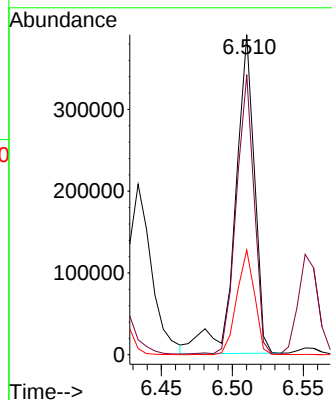
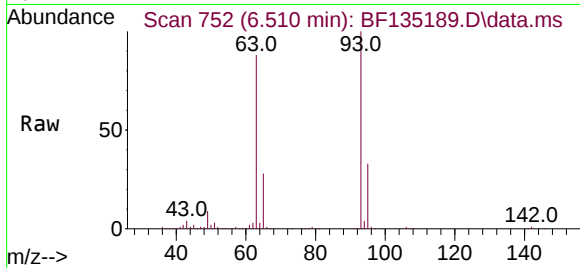




#11
bis(2-Chloroethyl)ether
Concen: 59.072 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

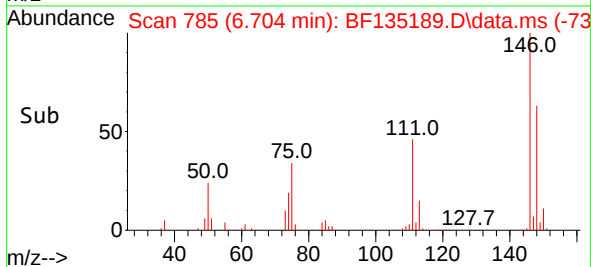
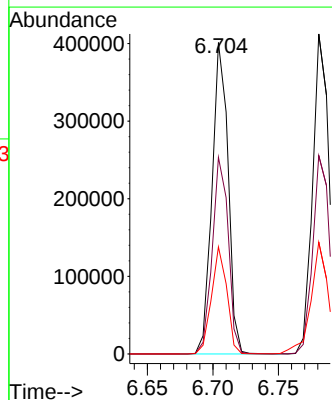
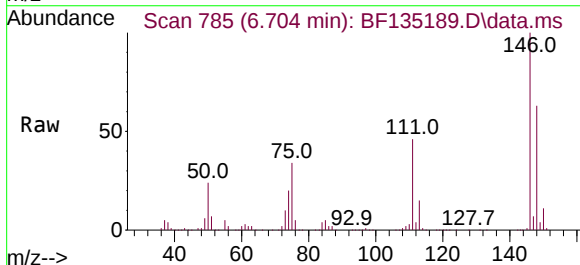
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

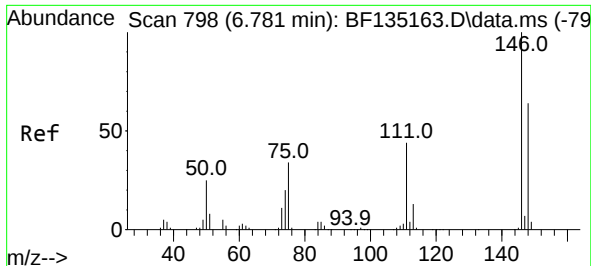
Tgt Ion: 93 Resp: 369515
Ion Ratio Lower Upper
93 100
63 87.5 67.3 107.3
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 52.572 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:146 Resp: 341120
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 34.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 53.236 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

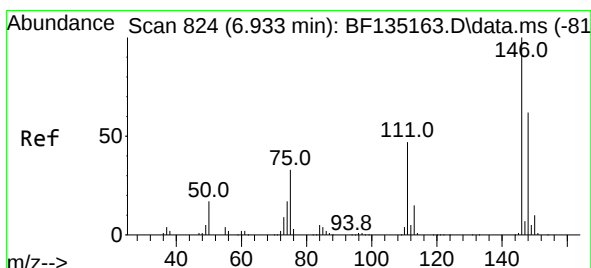
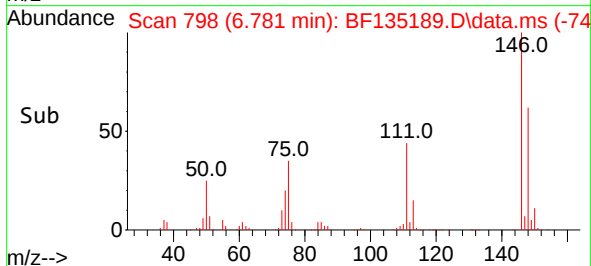
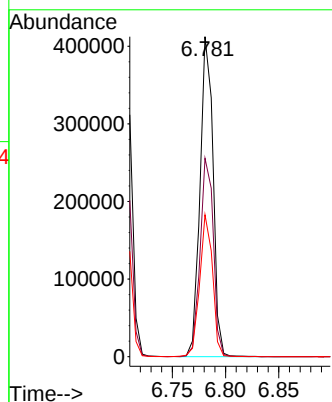
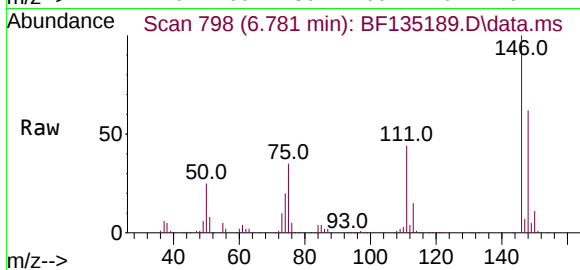
Tgt Ion:146 Resp: 351439

Ion Ratio Lower Upper

146 100

148 62.0 51.3 76.9

111 44.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 54.226 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

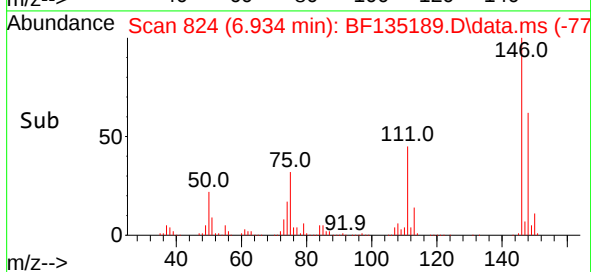
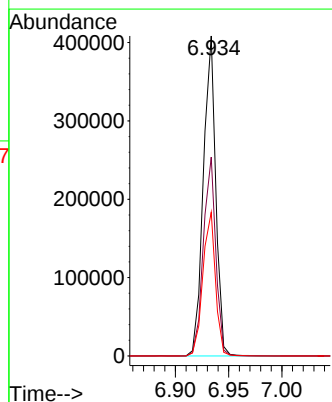
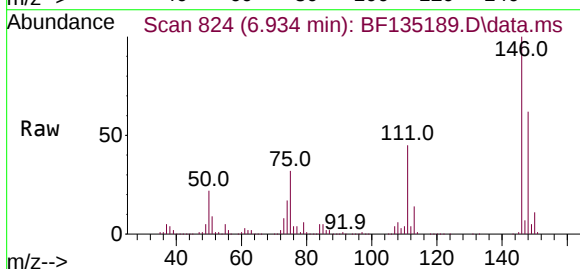
Tgt Ion:146 Resp: 332435

Ion Ratio Lower Upper

146 100

148 62.2 49.7 74.5

111 44.9 37.4 56.2

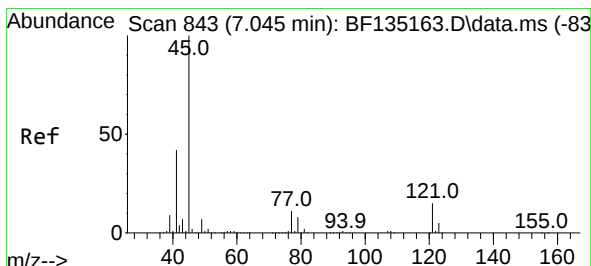
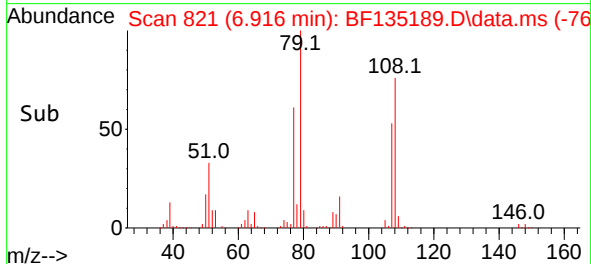
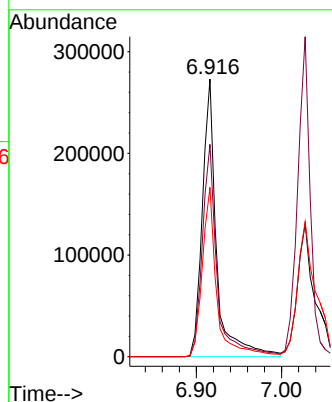
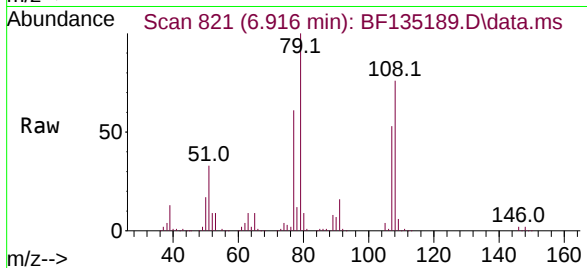




#15
Benzyl Alcohol
Concen: 58.108 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

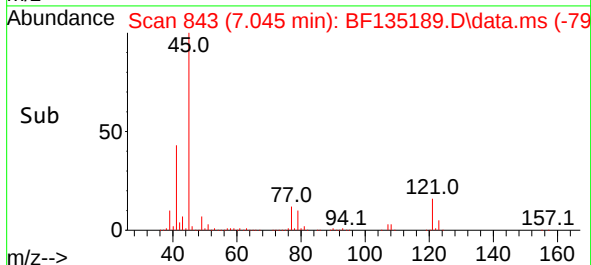
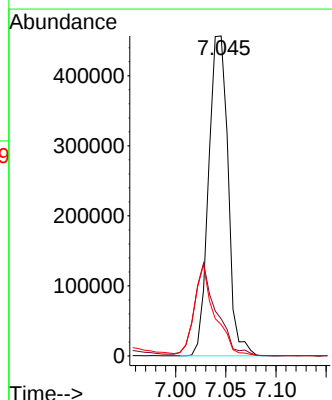
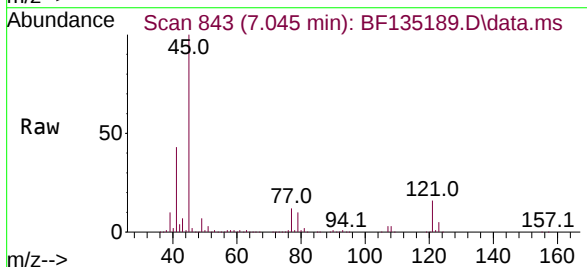
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

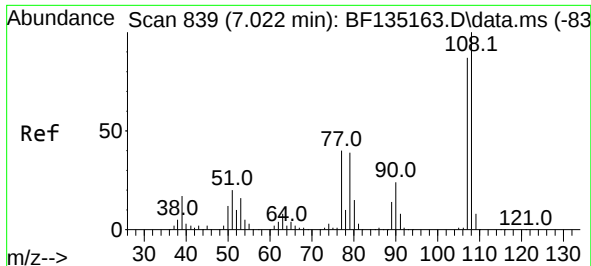
Tgt Ion: 79 Resp: 317110
Ion Ratio Lower Upper
79 100
108 76.5 61.2 91.8
77 61.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.357 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion: 45 Resp: 617333
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.6
79 9.8 0.0 28.3

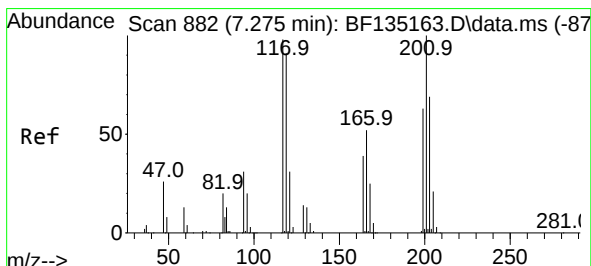
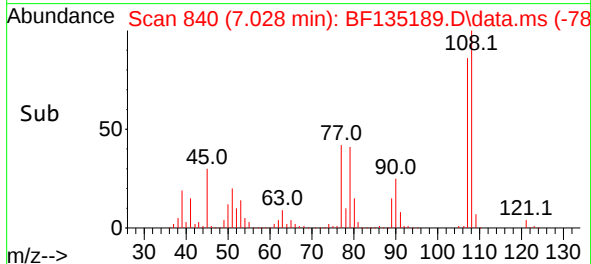
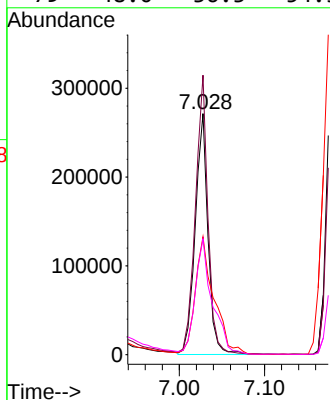
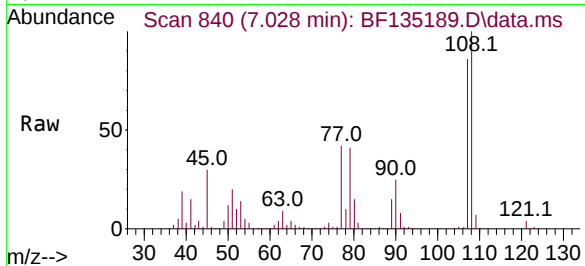




#17
2-Methylphenol
Concen: 50.550 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

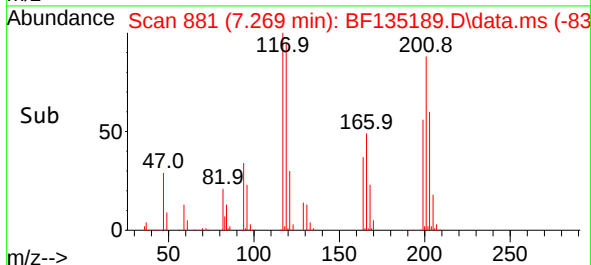
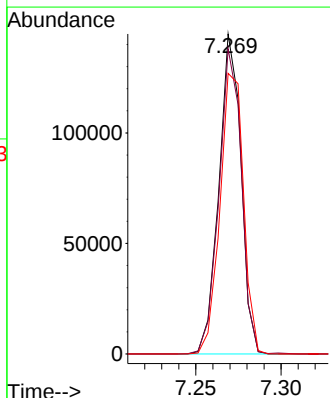
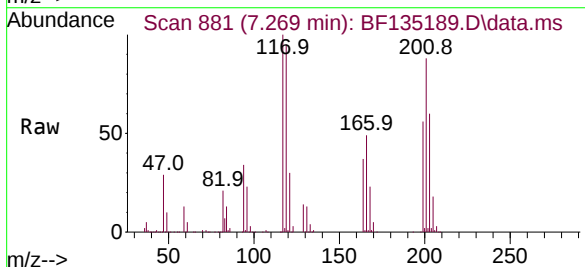
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion:107 Resp: 284810
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 48.9 36.7 55.1
79 48.0 36.3 54.5



#18
Hexachloroethane
Concen: 53.404 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:117 Resp: 130264
Ion Ratio Lower Upper
117 100
119 95.4 74.7 112.1
201 87.7 81.8 122.8



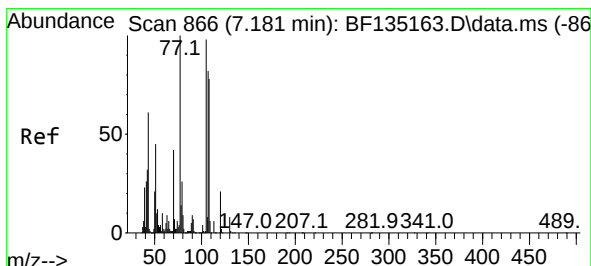
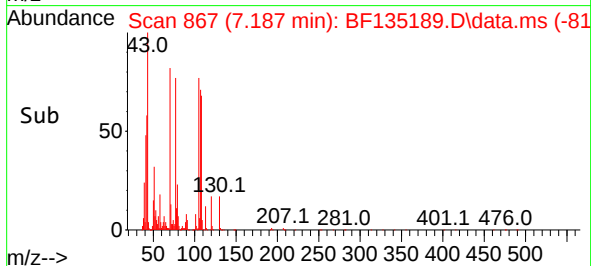
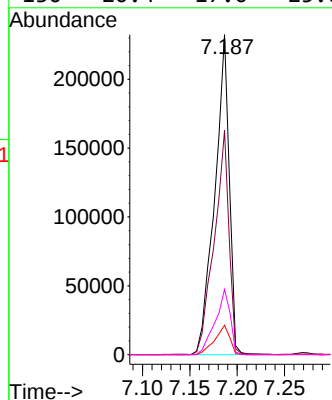
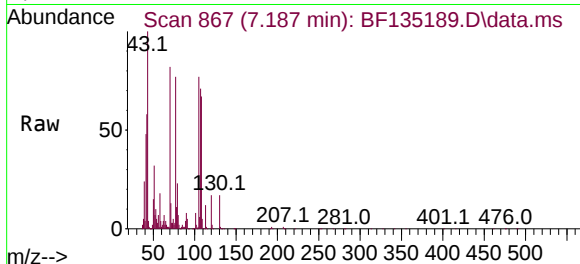


#19
n-Nitroso-di-n-propylamine
Concen: 52.490 ng
RT: 7.187 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion: 70 Resp: 247258

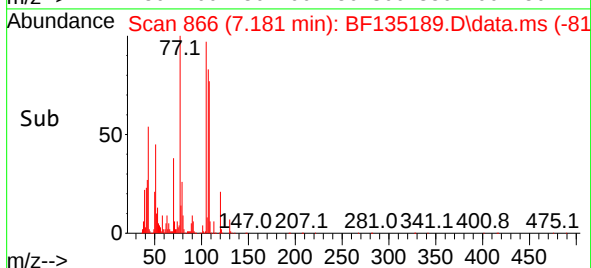
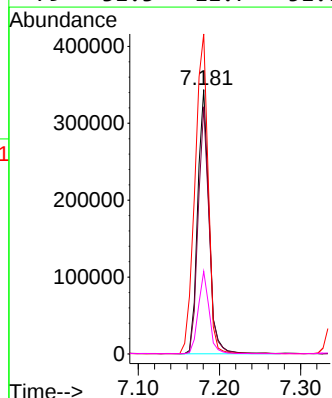
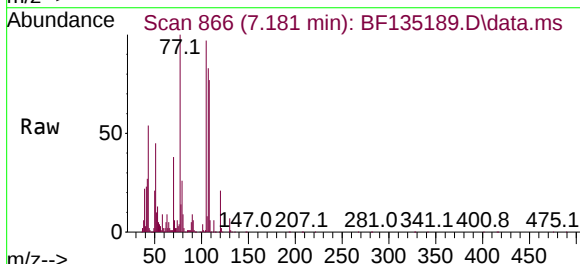
Ion	Ratio	Lower	Upper
70	100		
42	70.1	55.4	83.0
101	9.2	7.7	11.5
130	20.4	17.0	25.6

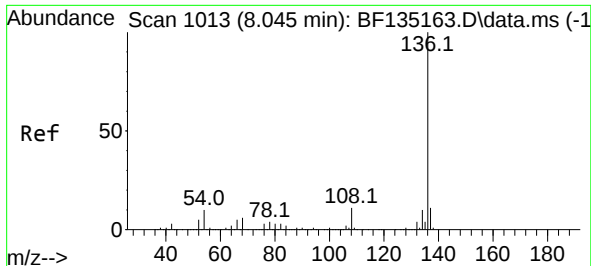


#20
3+4-Methylphenols
Concen: 49.410 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion: 107 Resp: 334745

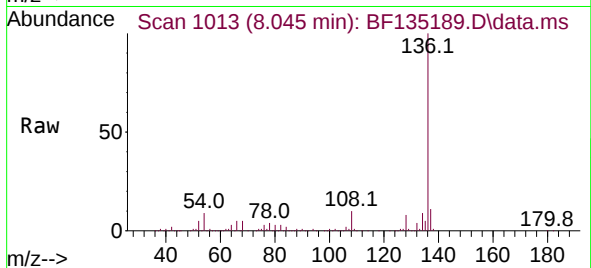
Ion	Ratio	Lower	Upper
107	100		
108	93.6	74.7	114.7
77	121.1	102.0	142.0
79	31.3	11.7	51.7



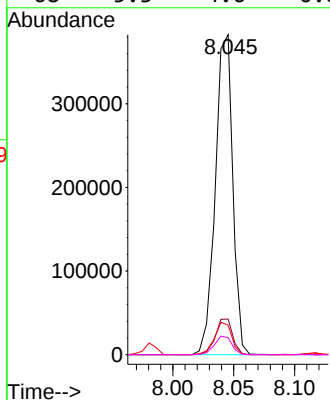
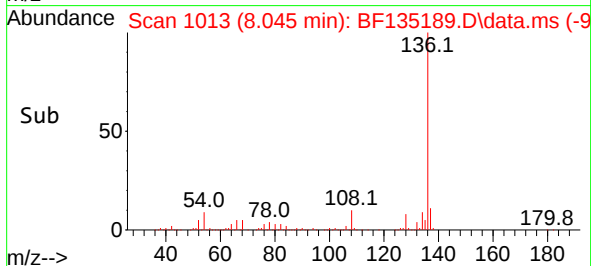


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

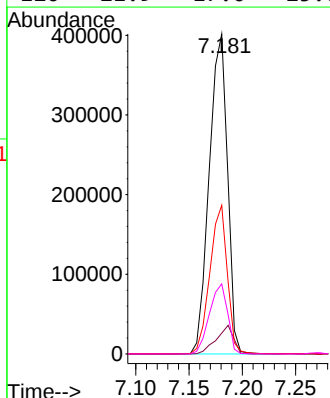
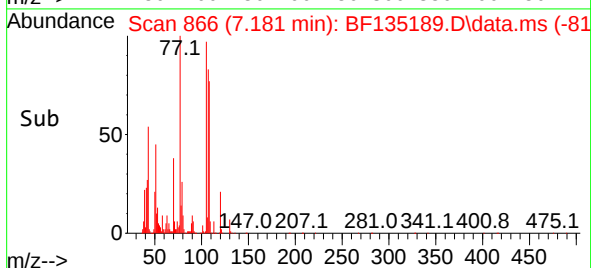
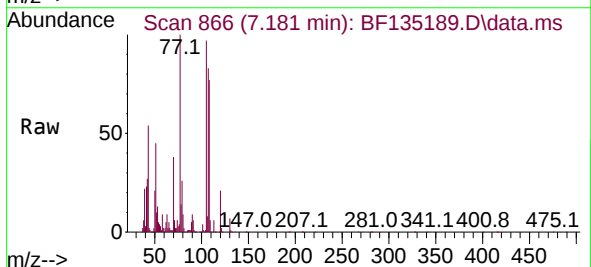


Tgt Ion:	136	Resp:	381581
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	9.2	7.7	11.5
68	5.3	4.6	6.8



#22
Acetophenone
Concen: 54.765 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:	105	Resp:	477766
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.8	8.6
51	46.4	37.0	55.4
120	21.9	17.0	25.6





#23

Nitrobenzene-d5

Concen: 106.233 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

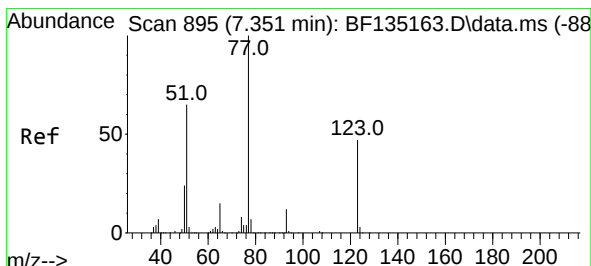
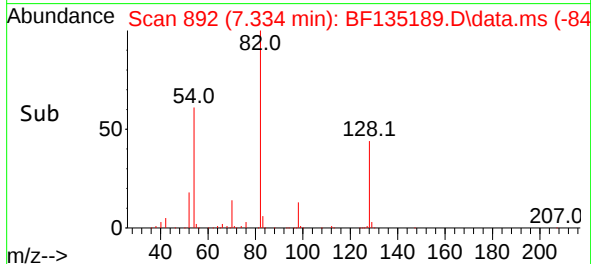
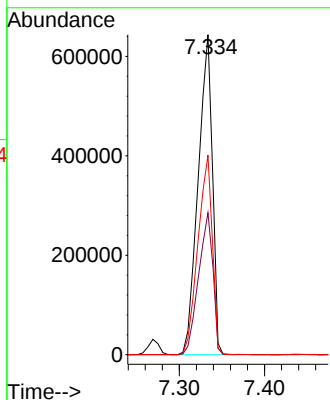
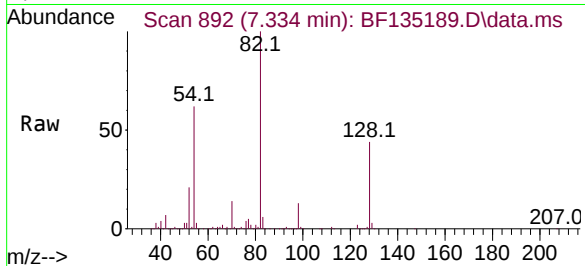
Tgt Ion: 82 Resp: 746121

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 62.3 50.6 76.0



#24

Nitrobenzene

Concen: 54.614 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

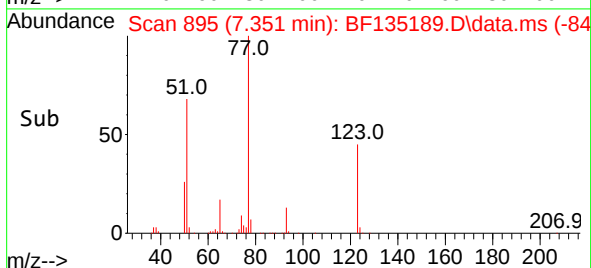
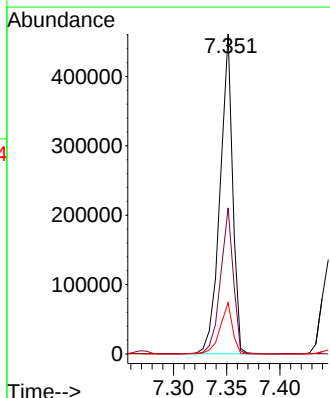
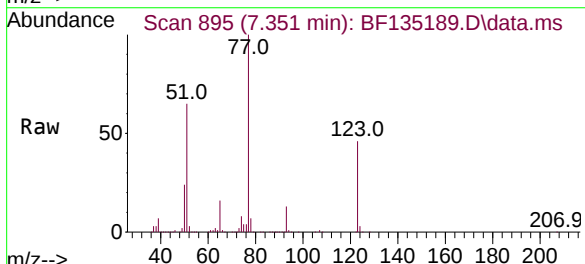
Tgt Ion: 77 Resp: 379129

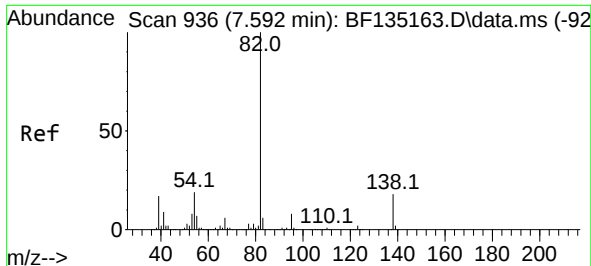
Ion Ratio Lower Upper

77 100

123 45.7 37.6 56.4

65 16.0 12.2 18.4

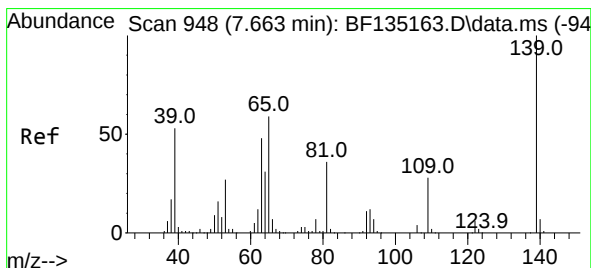
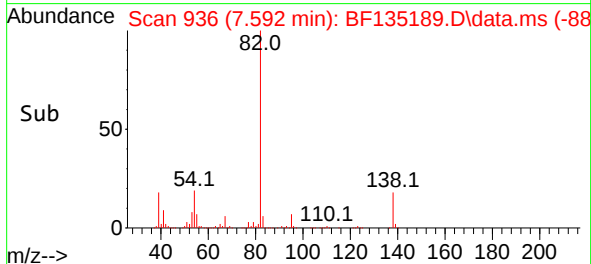
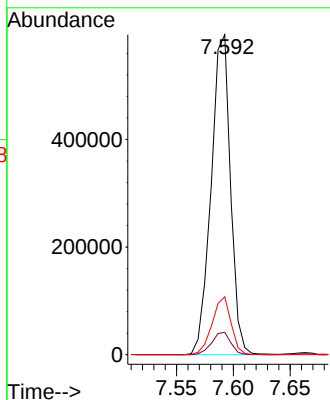
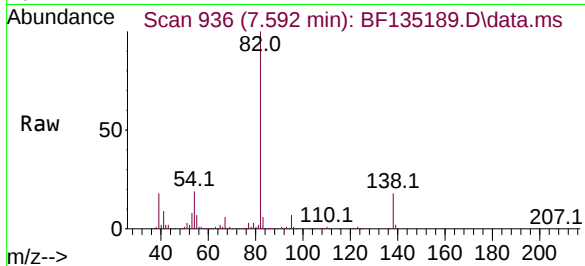




#25
Isophorone
Concen: 54.796 ng
RT: 7.592 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

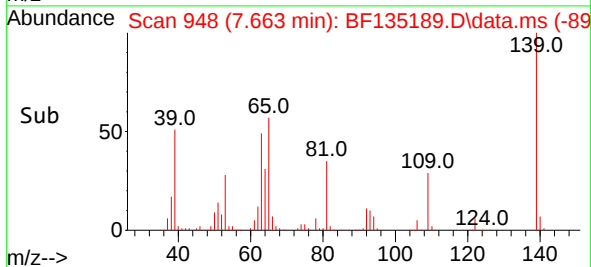
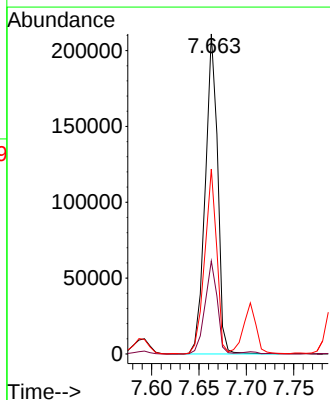
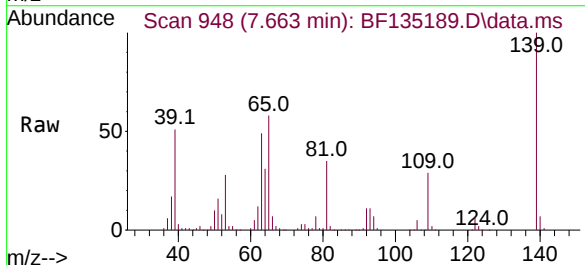
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion: 82 Resp: 706698
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 57.603 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion: 139 Resp: 191921
Ion Ratio Lower Upper
139 100
109 29.0 22.6 33.8
65 57.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.731 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

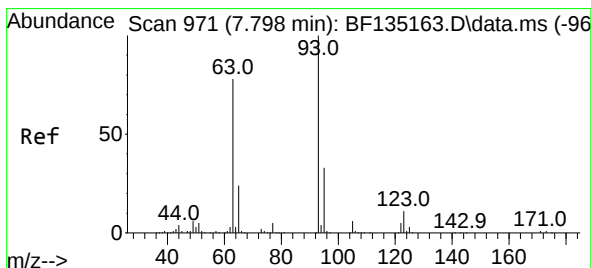
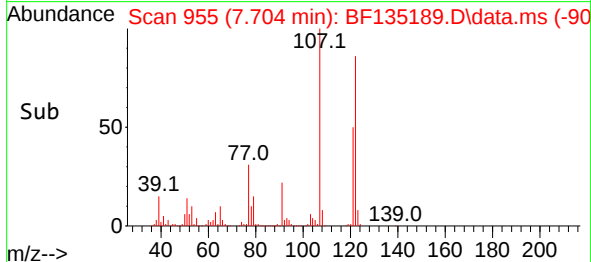
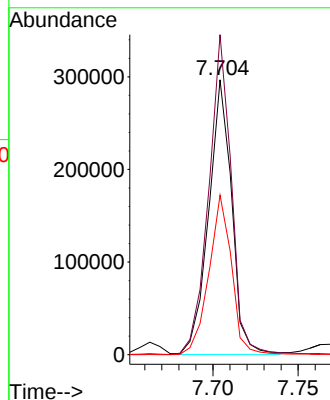
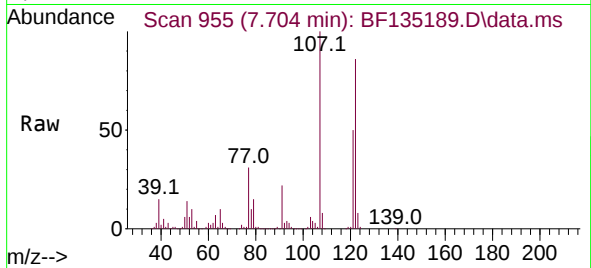
Tgt Ion:122 Resp: 278510

Ion Ratio Lower Upper

122 100

107 116.4 90.2 135.4

121 58.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 55.666 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

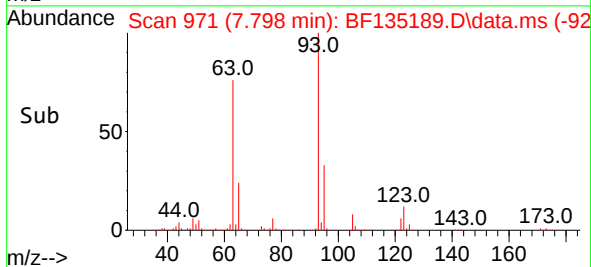
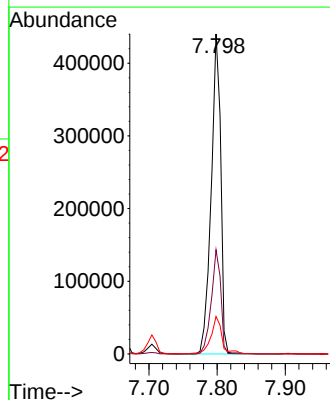
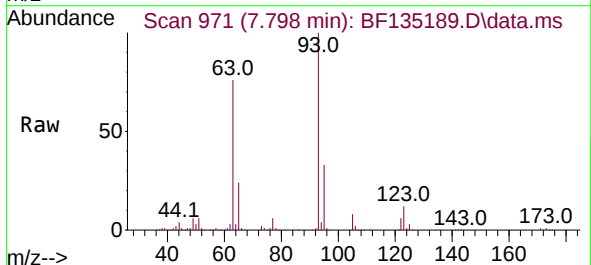
Tgt Ion: 93 Resp: 429700

Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 56.535 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135189.D

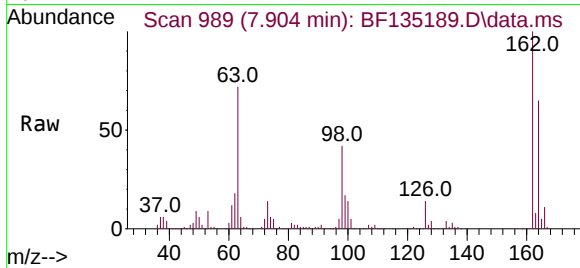
Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD



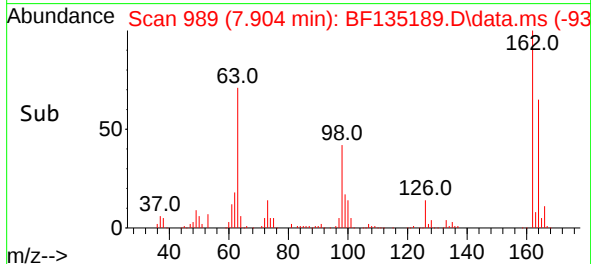
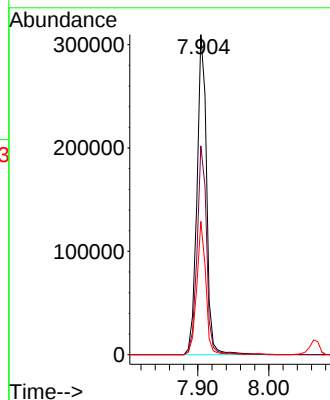
Tgt Ion:162 Resp: 293381

Ion Ratio Lower Upper

162 100

164 65.3 44.1 84.1

98 41.7 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 55.743 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

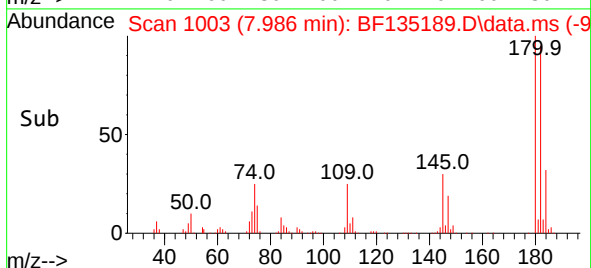
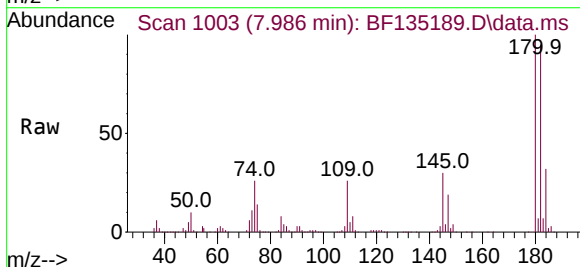
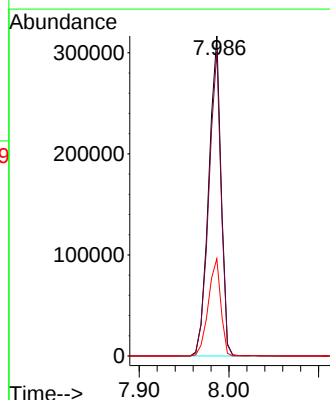
Tgt Ion:180 Resp: 302351

Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 30.4 24.5 36.7

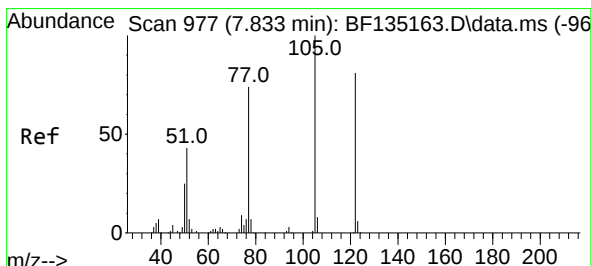
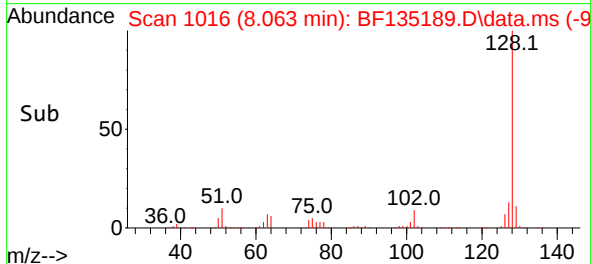
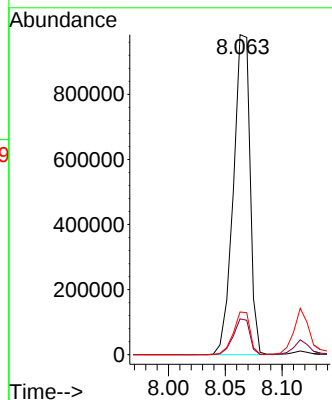
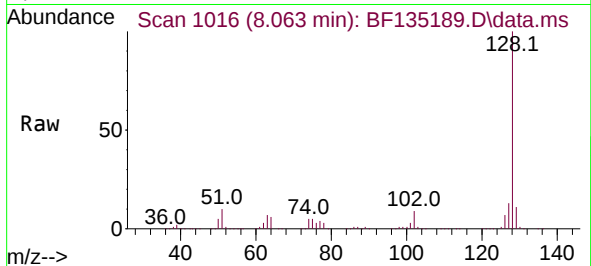




#31
Naphthalene
Concen: 54.130 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

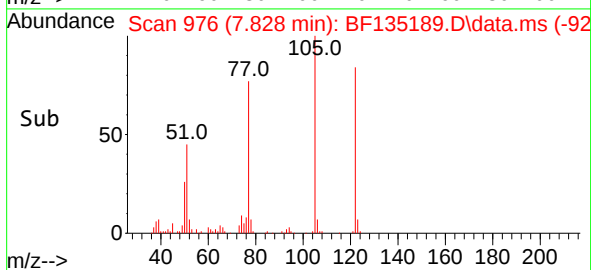
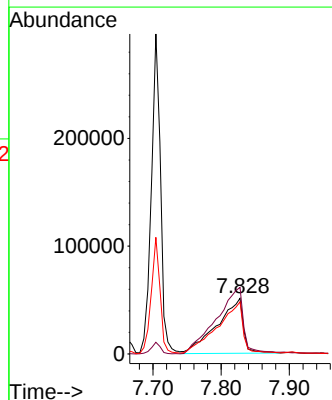
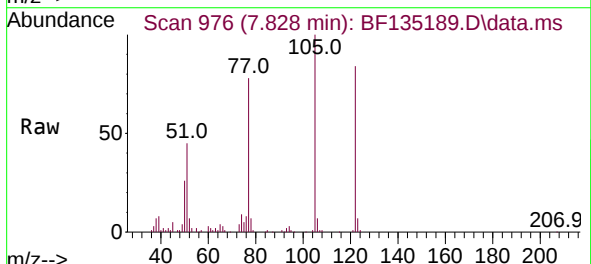
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

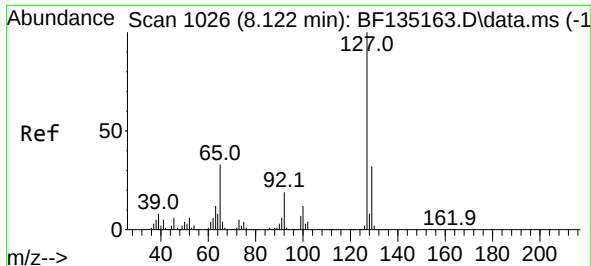
Tgt Ion:128 Resp: 1003557
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 32.584 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:122 Resp: 137409
Ion Ratio Lower Upper
122 100
105 119.5 99.9 139.9
77 93.5 70.0 110.0

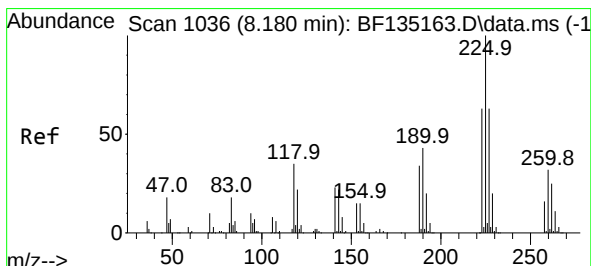
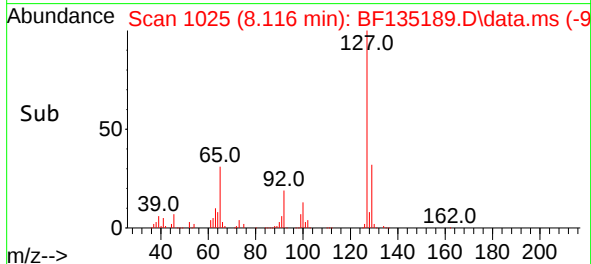
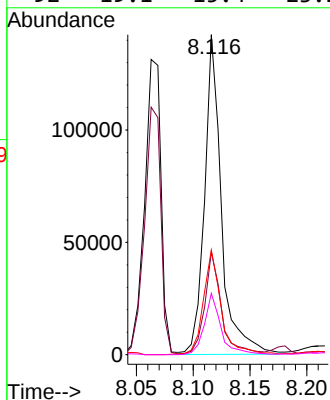
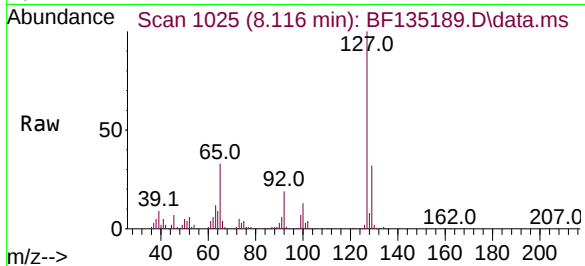




#33
4-Chloroaniline
Concen: 18.152 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

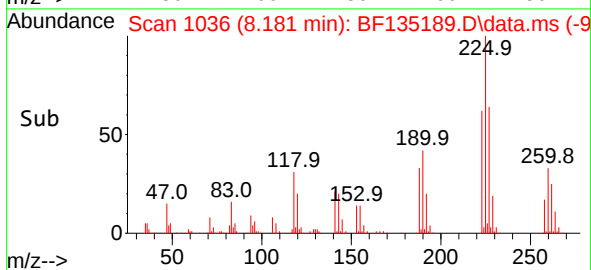
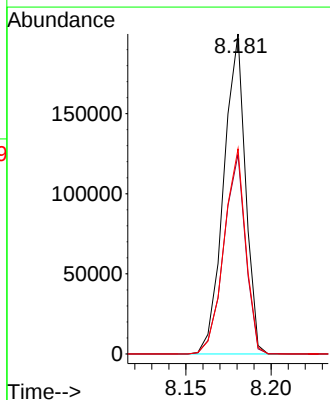
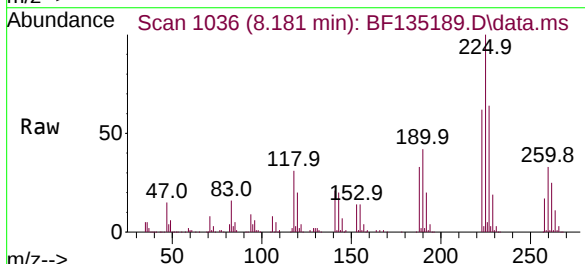
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

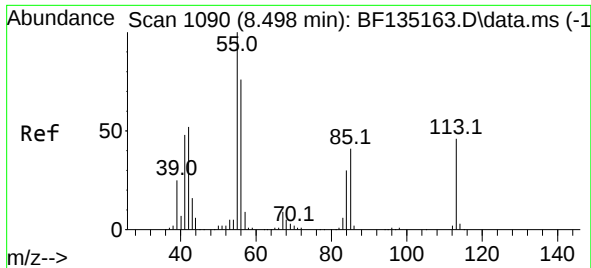
Tgt Ion:127	Resp: 147650
Ion Ratio	Lower Upper
127 100	
129 32.1	25.8 38.8
65 32.7	26.6 39.8
92 19.1	15.4 23.2



#34
Hexachlorobutadiene
Concen: 54.101 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:225	Resp: 176942		
Ion Ratio	Lower	Upper	
225 100			
223 62.4	50.6	75.8	
227 64.1	50.8	76.2	





#35

Caprolactam

Concen: 26.574 ng

RT: 8.504 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

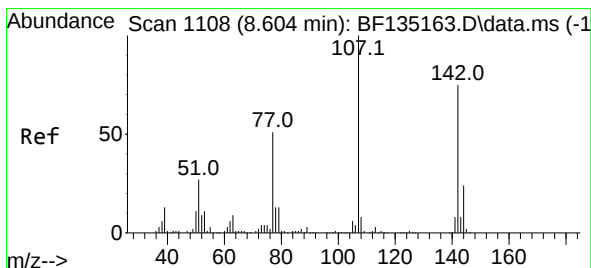
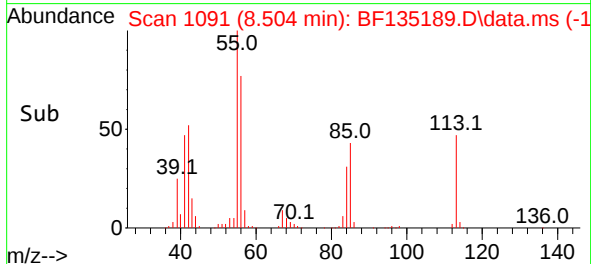
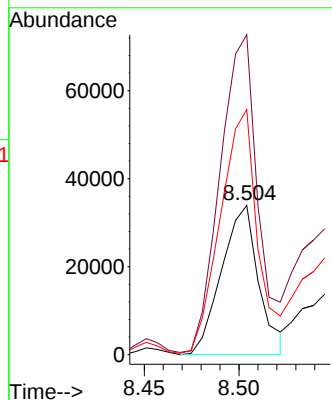
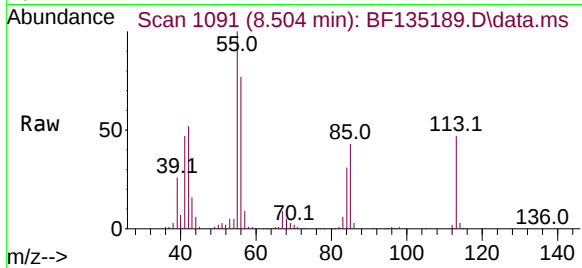
Tgt Ion:113 Resp: 46282

Ion Ratio Lower Upper

113 100

55 214.3 199.3 239.3

56 164.1 146.3 186.3



#36

4-Chloro-3-methylphenol

Concen: 57.139 ng

RT: 8.610 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

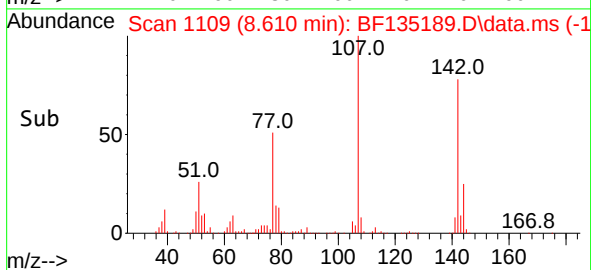
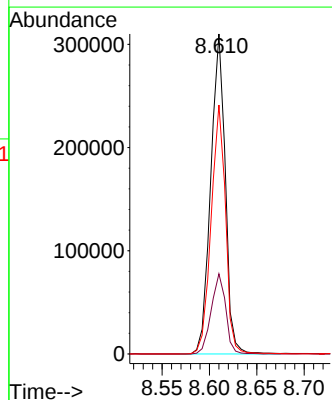
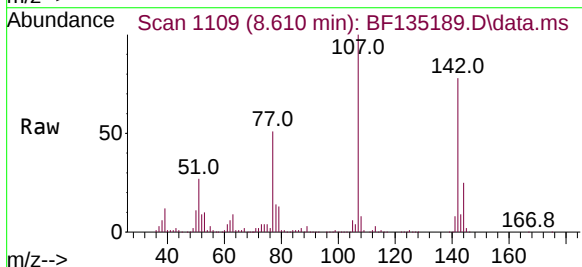
Tgt Ion:107 Resp: 329554

Ion Ratio Lower Upper

107 100

144 25.1 19.0 28.4

142 77.8 60.2 90.2

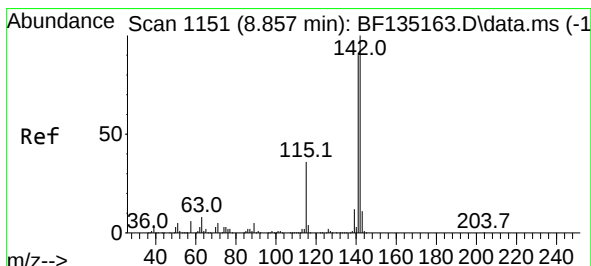
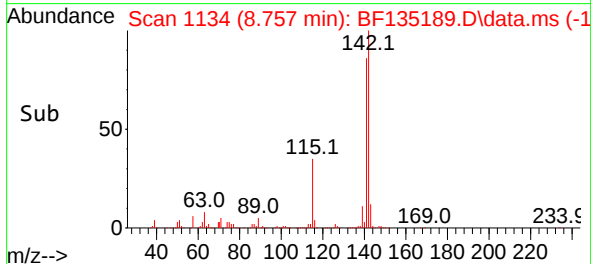
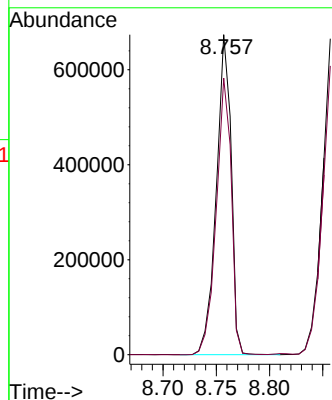
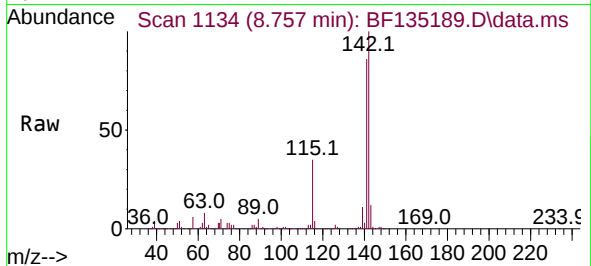




#37
2-Methylnaphthalene
Concen: 52.067 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

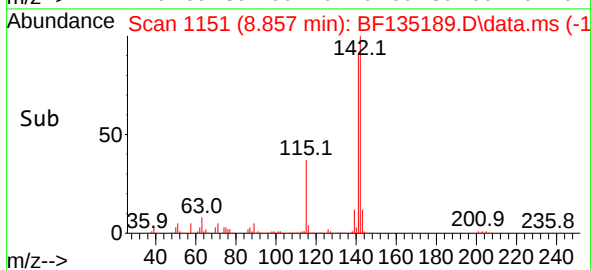
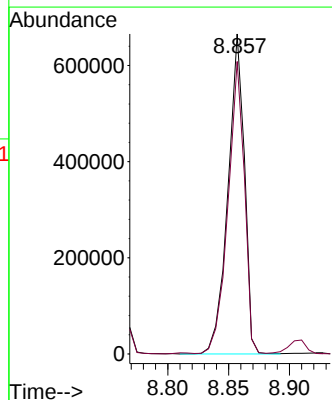
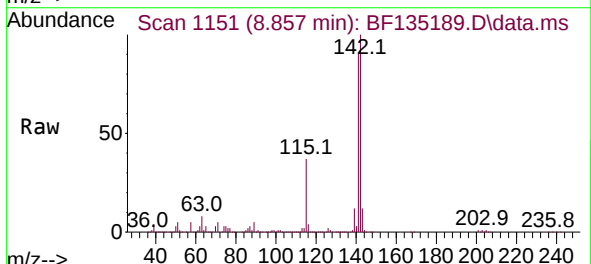
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

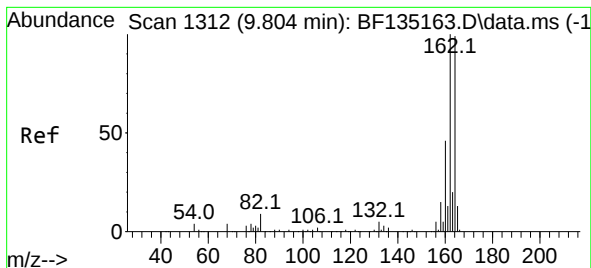
Tgt Ion:142 Resp: 648880
Ion Ratio Lower Upper
142 100
141 86.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 53.723 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:142 Resp: 626825
Ion Ratio Lower Upper
142 100
141 91.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

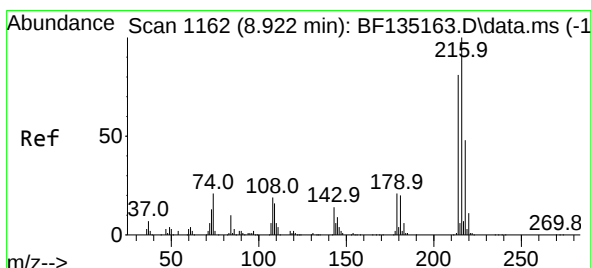
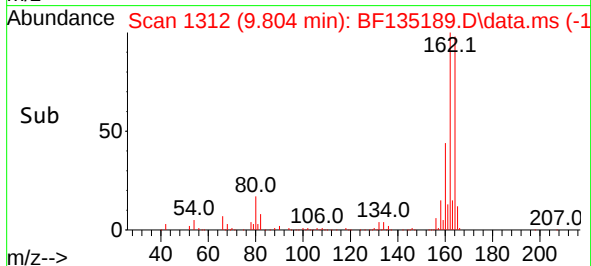
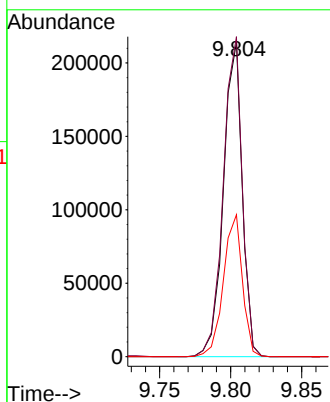
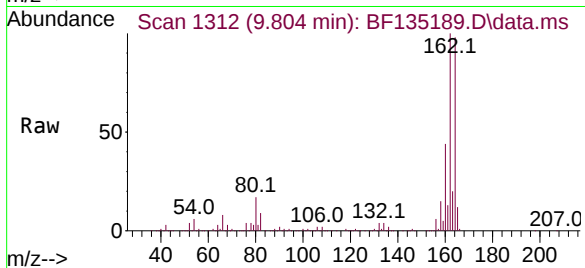
Tgt Ion:164 Resp: 196937

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 45.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.926 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Tgt Ion:216 Resp: 307672

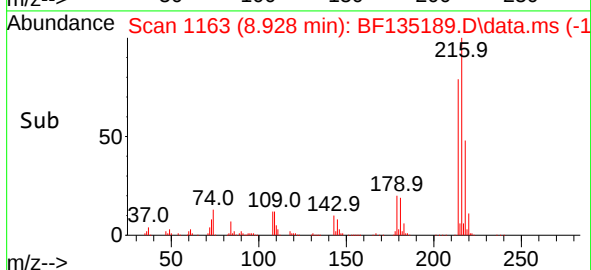
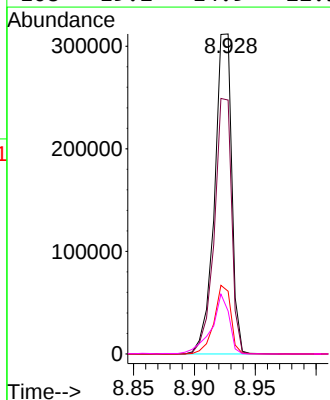
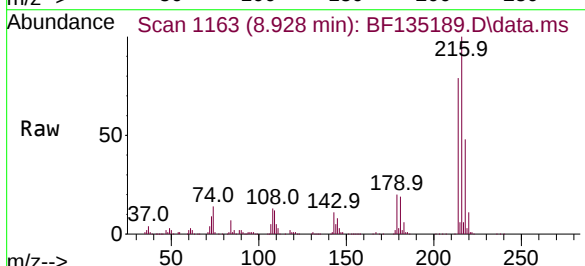
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 20.7 16.7 25.1

108 19.2 14.9 22.3

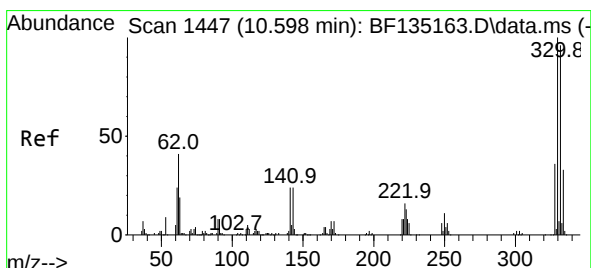
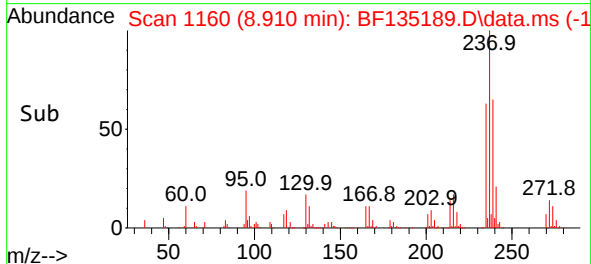
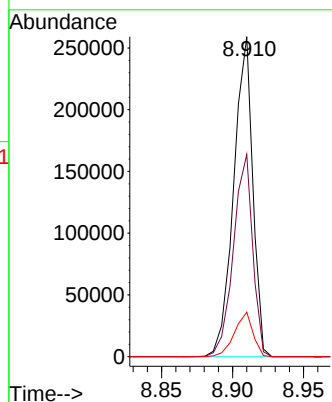
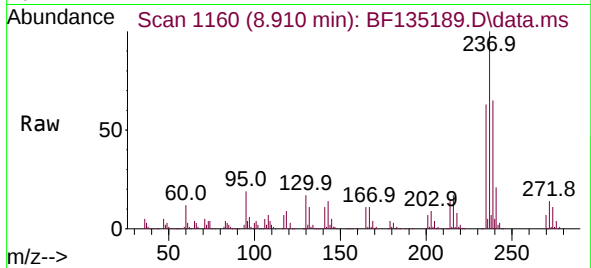




#41
Hexachlorocyclopentadiene
Concen: 94.756 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

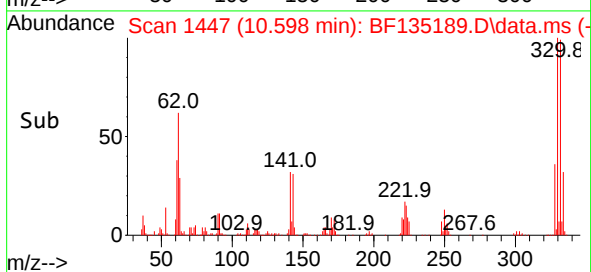
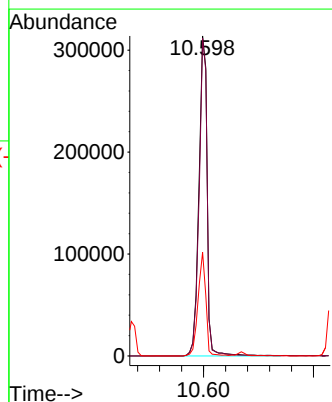
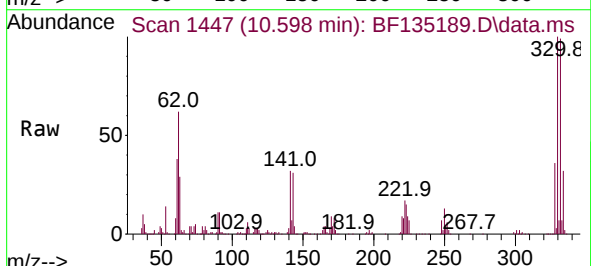
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

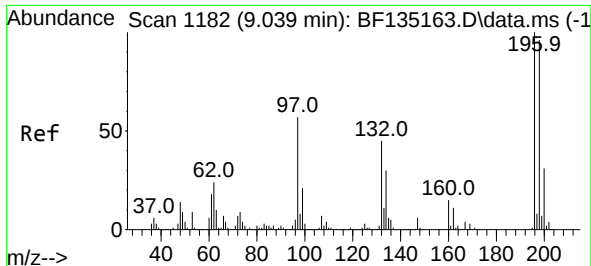
Tgt Ion:237 Resp: 241987
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 166.607 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

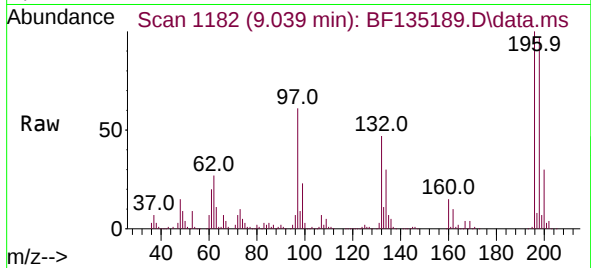
Tgt Ion:330 Resp: 326063
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 30.7 25.8 38.8



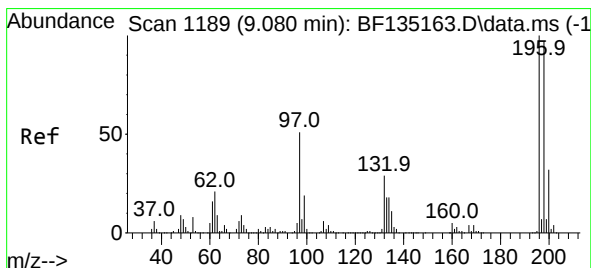
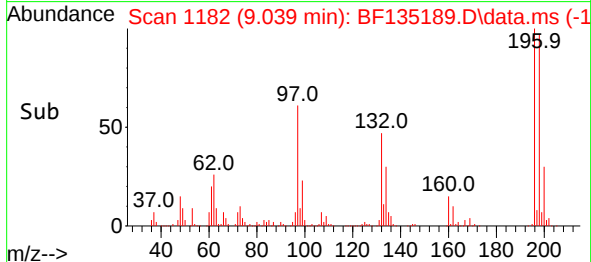
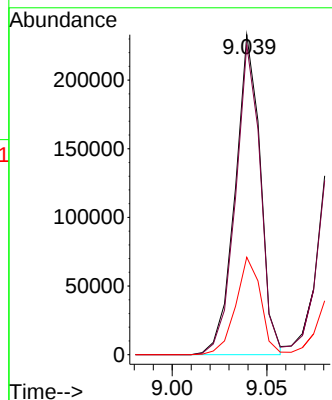


#43
2,4,6-Trichlorophenol
Concen: 57.471 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

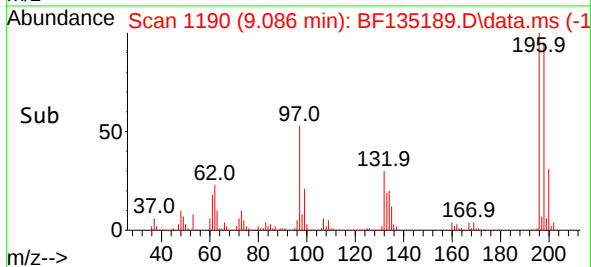
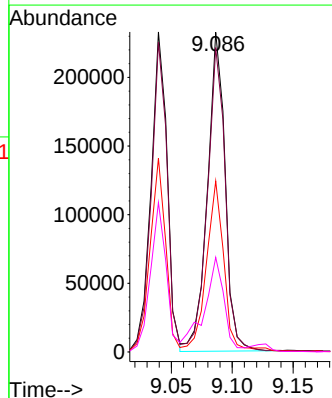
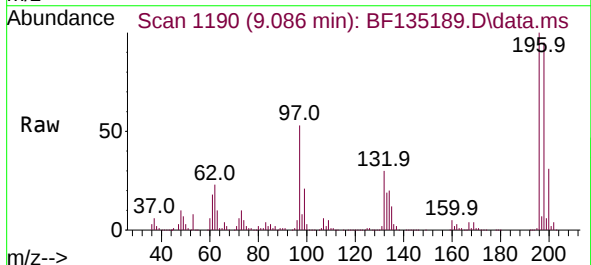


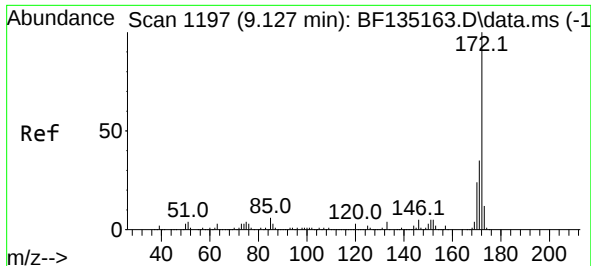
Tgt Ion:196 Resp: 214686
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.6
200 30.5 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 54.617 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:196 Resp: 234960
Ion Ratio Lower Upper
196 100
198 95.2 77.5 116.3
97 53.5 40.5 60.7
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 102.727 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

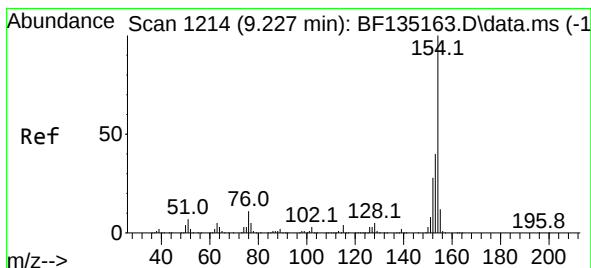
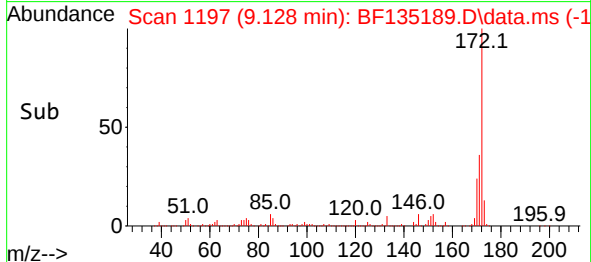
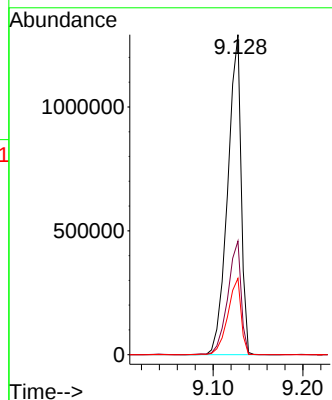
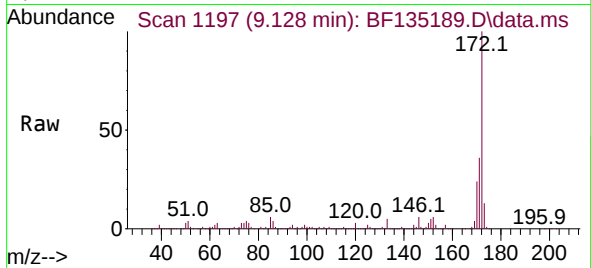
Tgt Ion:172 Resp: 1340917

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 54.644 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

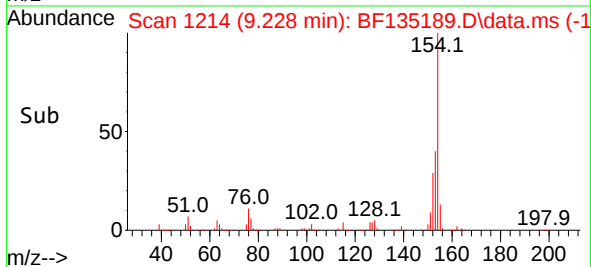
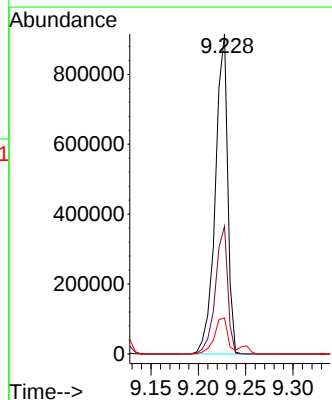
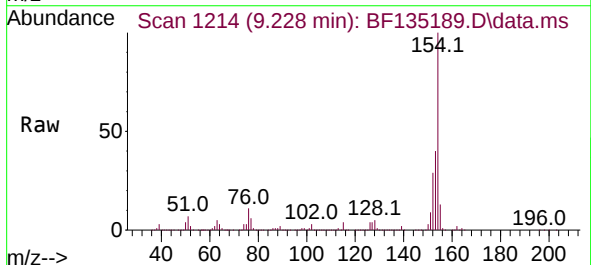
Tgt Ion:154 Resp: 826994

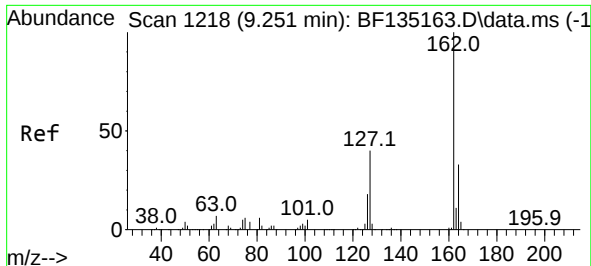
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 11.3 0.0 31.0

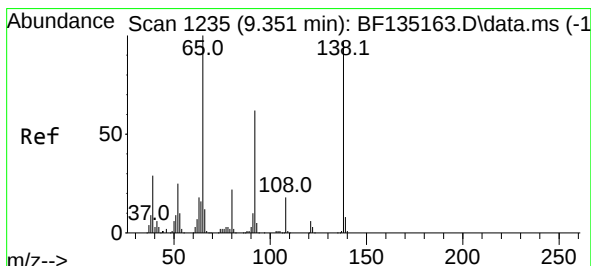
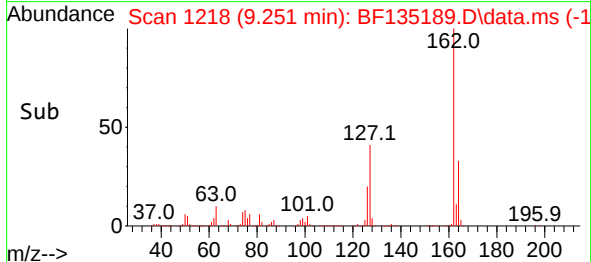
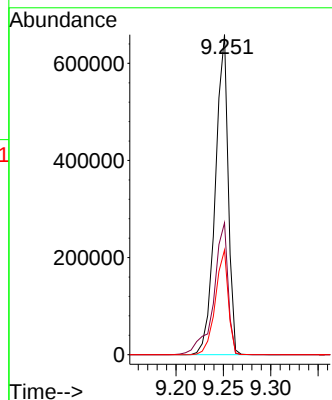
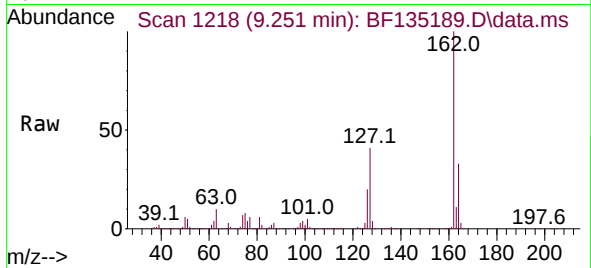




#47
2-Chloronaphthalene
Concen: 56.488 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

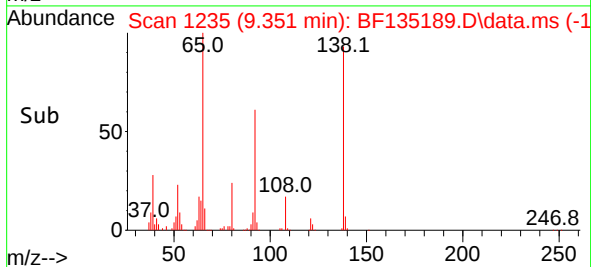
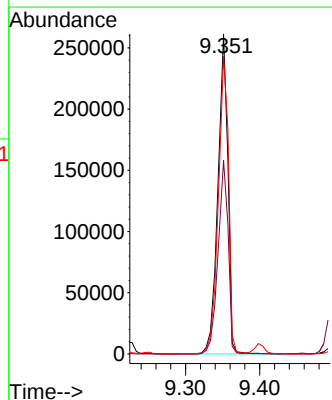
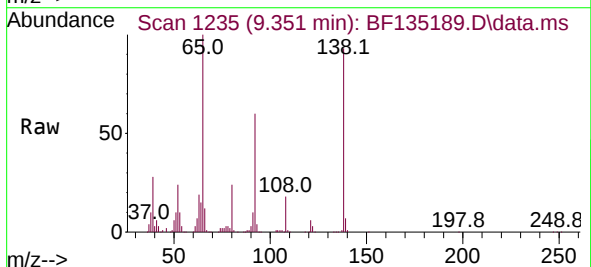
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion:162 Resp: 620283
Ion Ratio Lower Upper
162 100
127 41.2 32.6 48.8
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 57.106 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion: 65 Resp: 243613
Ion Ratio Lower Upper
65 100
92 60.5 49.4 74.0
138 93.0 77.4 116.0

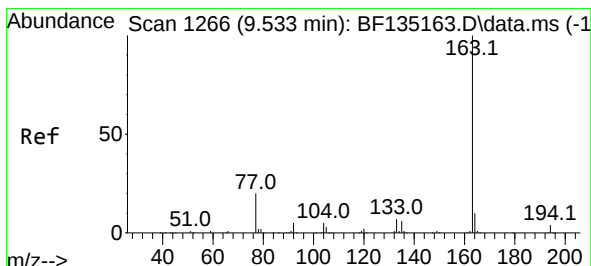
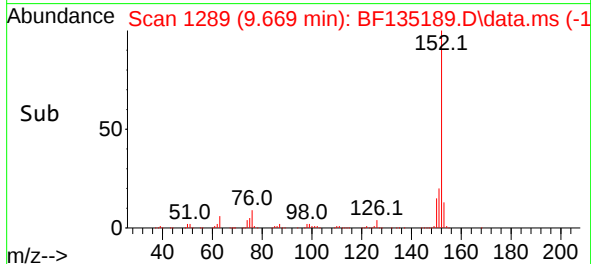
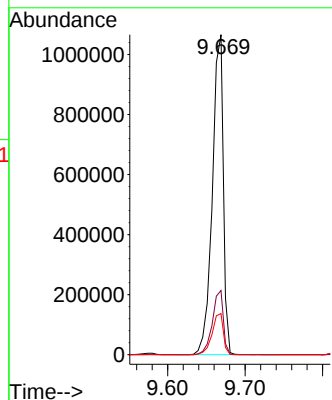
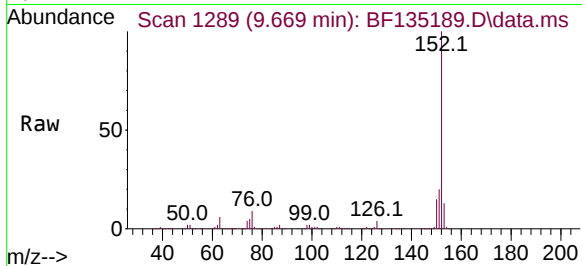




#49
Acenaphthylene
Concen: 57.391 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

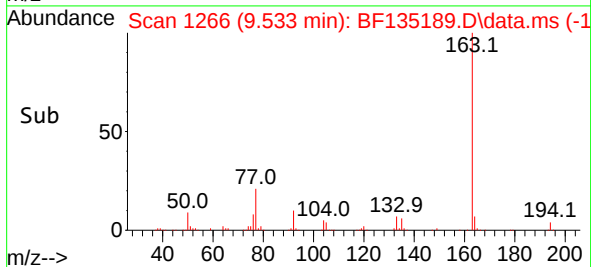
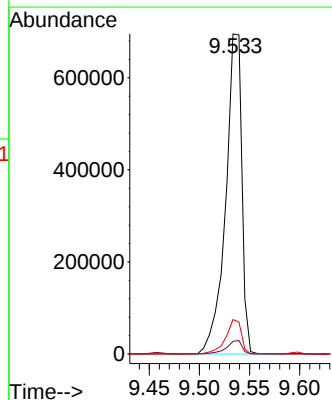
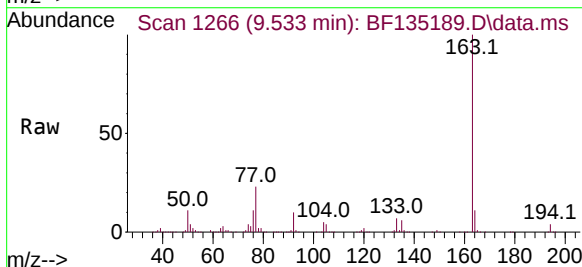
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

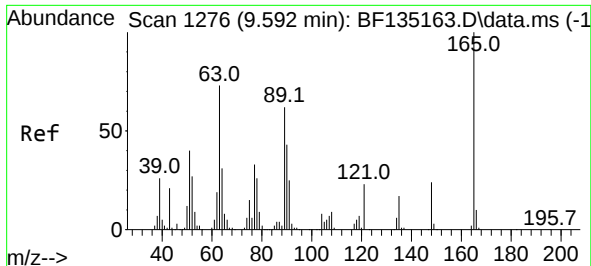
Tgt Ion:152 Resp: 1047355
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 58.561 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:163 Resp: 779732
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 58.163 ng

RT: 9.598 min Scan# 1276

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

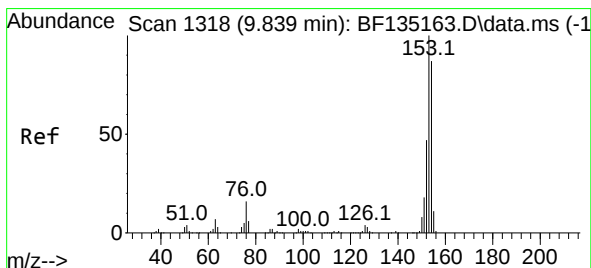
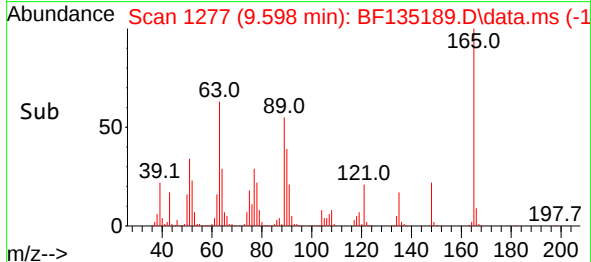
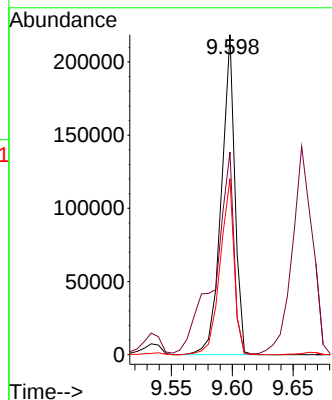
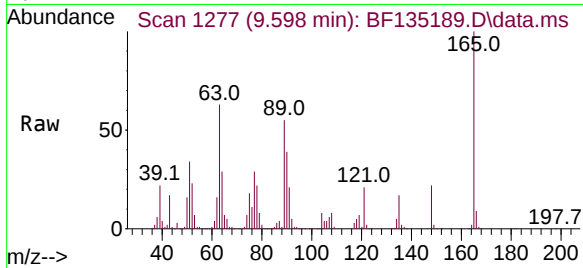
Tgt Ion:165 Resp: 169653

Ion Ratio Lower Upper

165 100

63 63.3 59.4 89.2

89 55.1 49.8 74.8



#52

Acenaphthene

Concen: 54.713 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

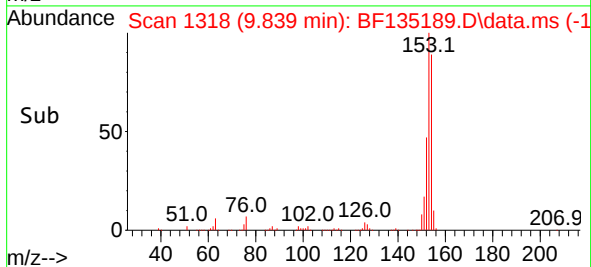
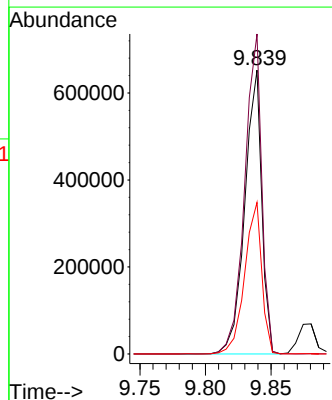
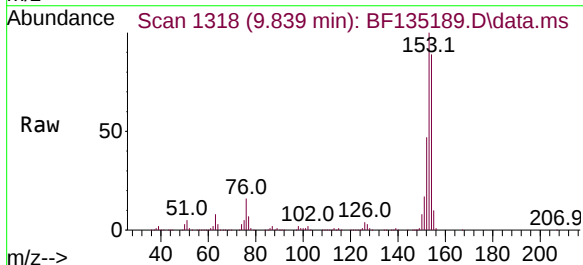
Tgt Ion:154 Resp: 589846

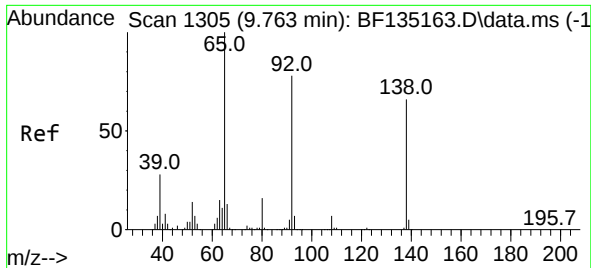
Ion Ratio Lower Upper

154 100

153 112.8 92.1 138.1

152 53.4 43.1 64.7

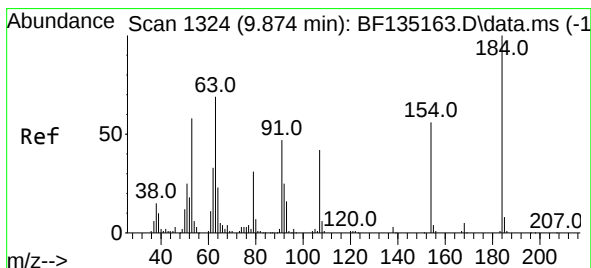
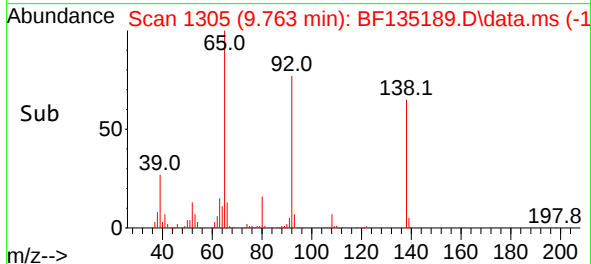
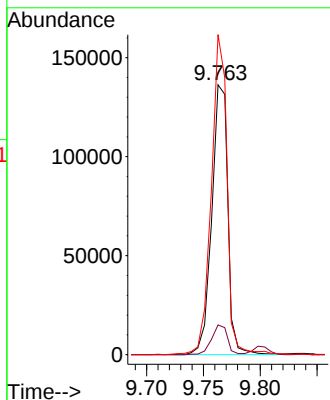
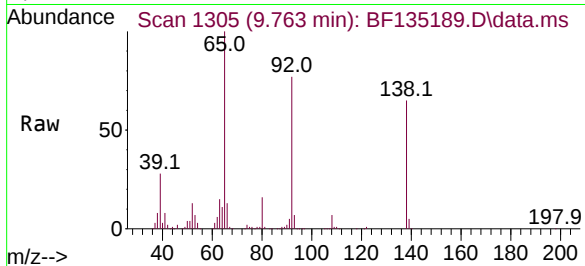




#53
3-Nitroaniline
Concen: 39.193 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

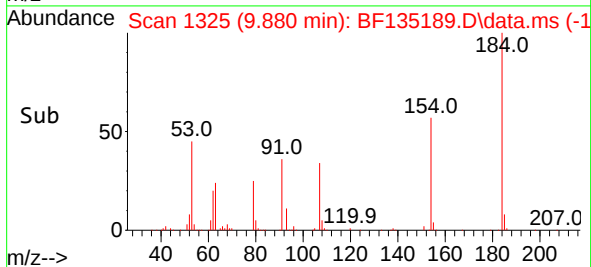
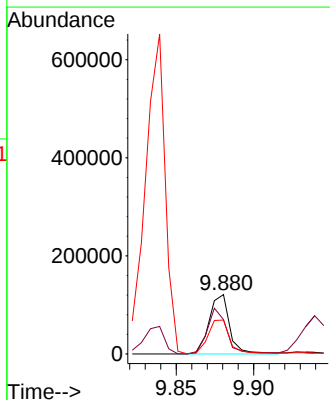
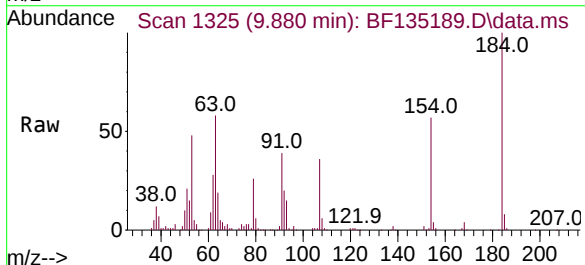
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

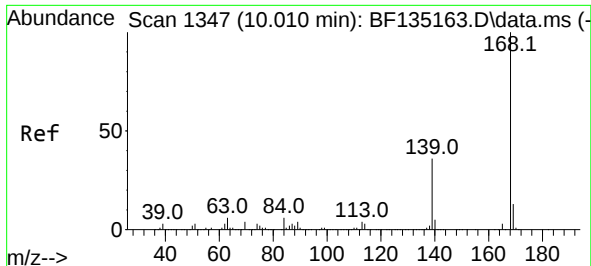
Tgt Ion:138 Resp: 134194
Ion Ratio Lower Upper
138 100
108 11.0 8.5 12.7
92 118.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 68.307 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:184 Resp: 111468
Ion Ratio Lower Upper
184 100
63 57.9 55.1 82.7
154 57.2 48.4 72.6

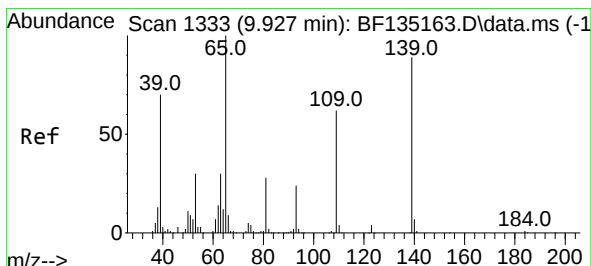
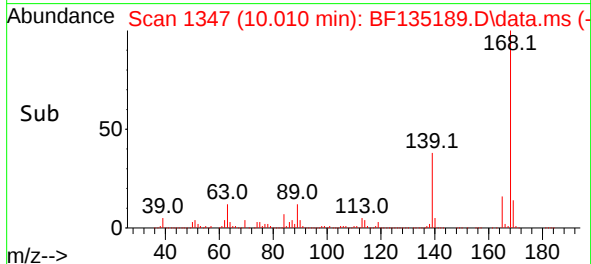
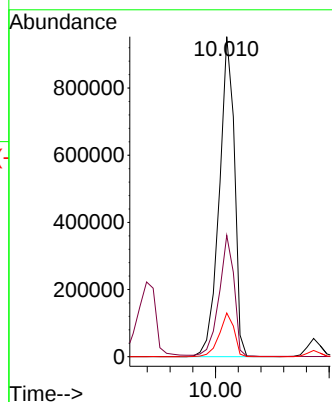
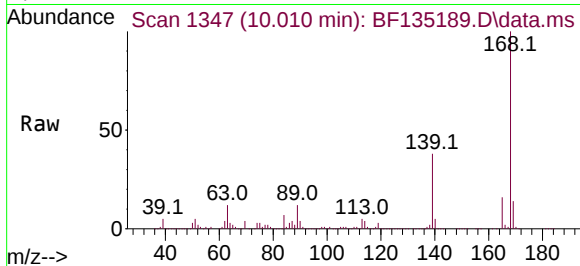




#55
Dibenzenofuran
Concen: 53.836 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

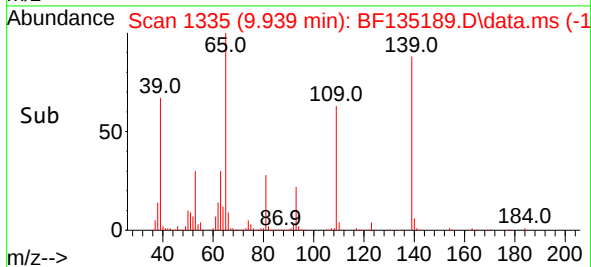
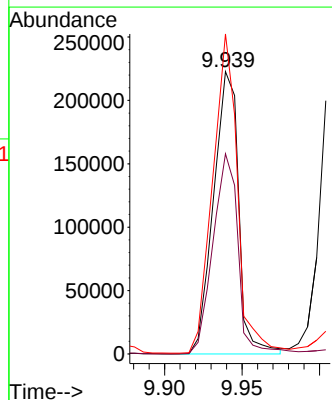
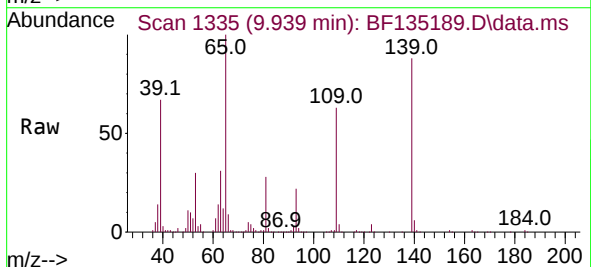
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

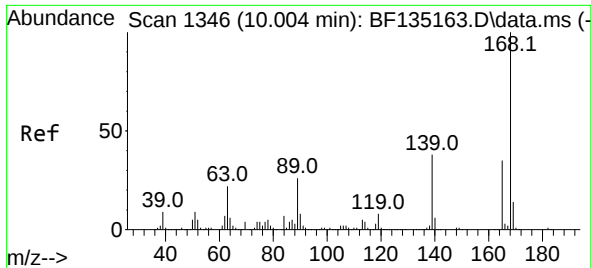
Tgt Ion:168 Resp: 885672
Ion Ratio Lower Upper
168 100
139 37.9 29.0 43.6
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 115.081 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:139 Resp: 250424
Ion Ratio Lower Upper
139 100
109 70.9 49.8 89.8
65 113.3 92.7 132.7

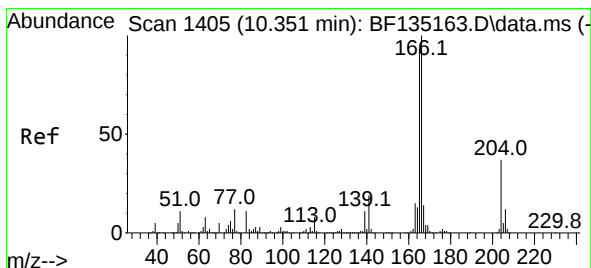
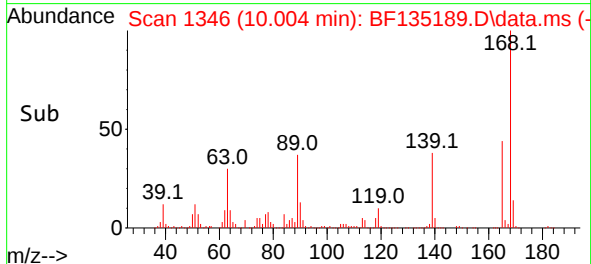
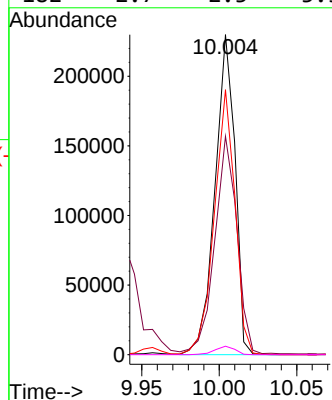
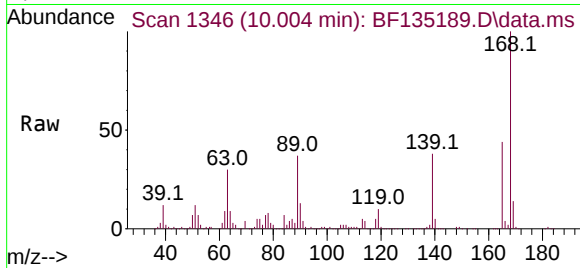




#57
2,4-Dinitrotoluene
Concen: 56.607 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

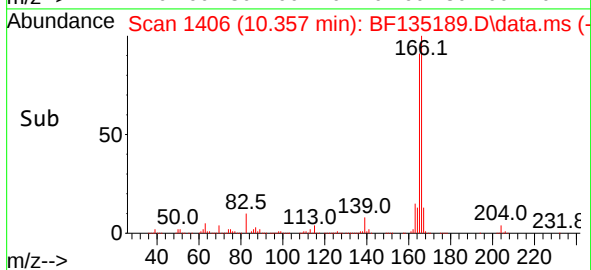
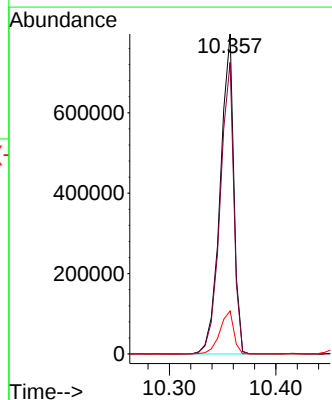
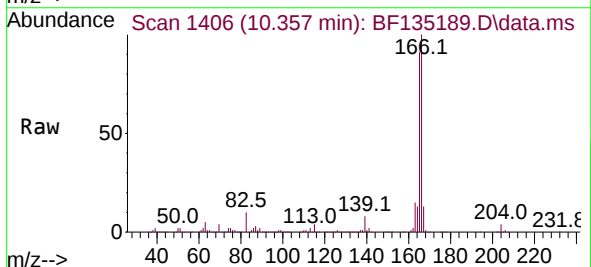
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

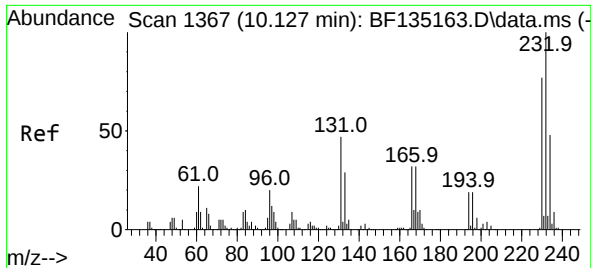
Tgt Ion:165 Resp: 206710
Ion Ratio Lower Upper
165 100
63 68.3 50.1 75.1
89 82.8 59.3 88.9
182 2.7 2.3 3.5



#58
Fluorene
Concen: 55.533 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:166 Resp: 702333
Ion Ratio Lower Upper
166 100
165 91.2 74.3 111.5
167 13.4 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.776 ng

RT: 10.133 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion:232 Resp: 197812

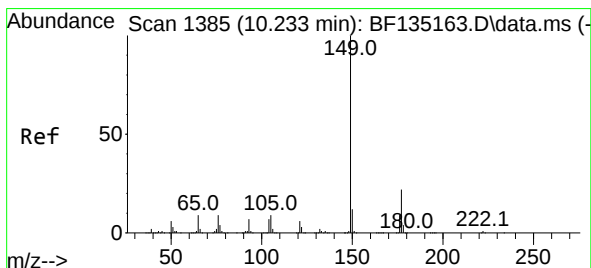
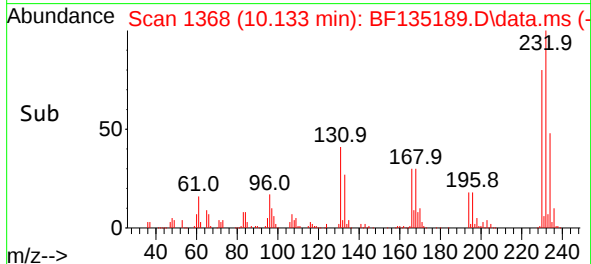
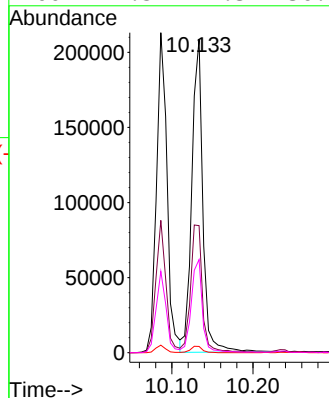
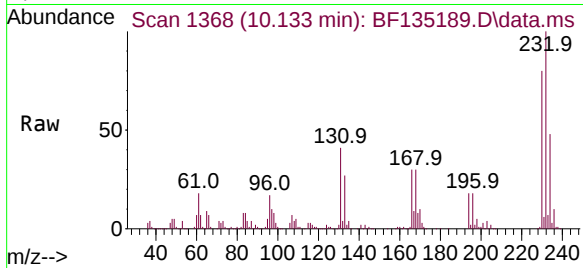
Ion Ratio Lower Upper

232 100

131 43.6 35.4 53.2

130 2.2 1.8 2.8

166 29.5 24.3 36.5



#60

Diethylphthalate

Concen: 56.400 ng

RT: 10.233 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

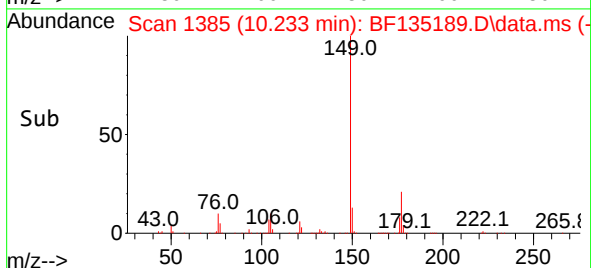
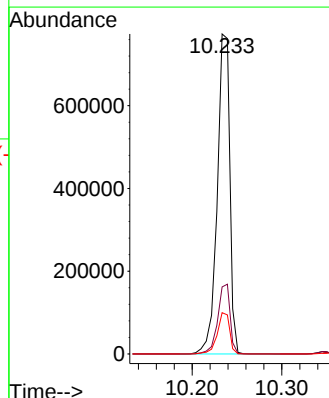
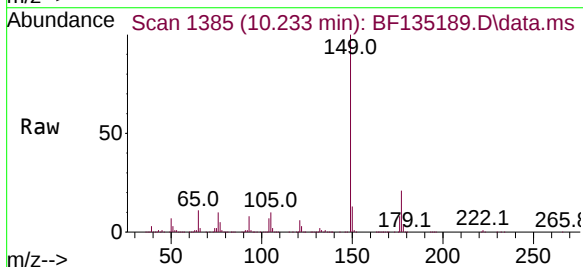
Tgt Ion:149 Resp: 753655

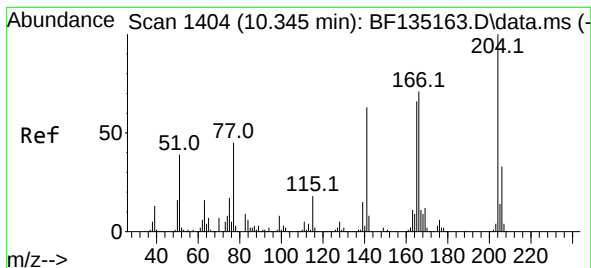
Ion Ratio Lower Upper

149 100

177 21.0 17.8 26.6

150 12.9 10.0 15.0

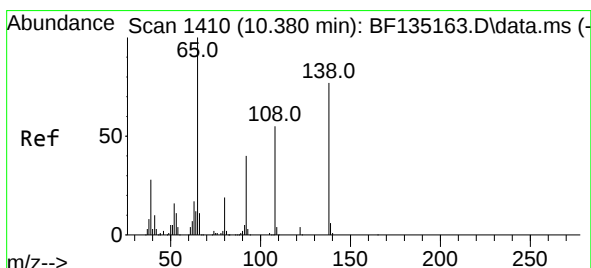
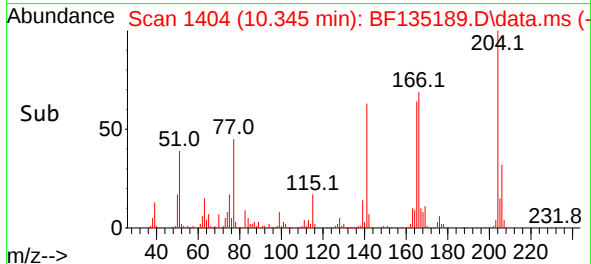
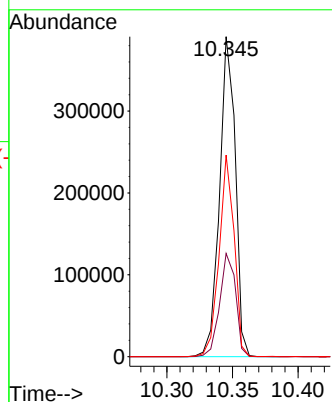
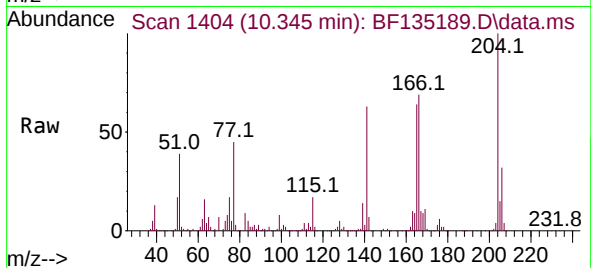




#61
4-Chlorophenyl-phenylether
Concen: 53.549 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

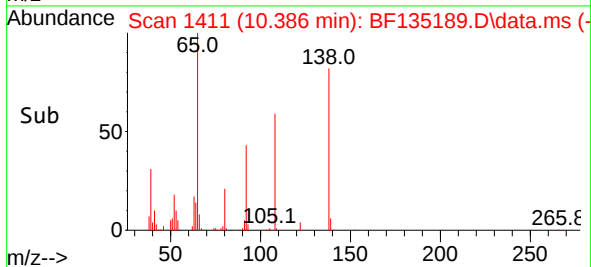
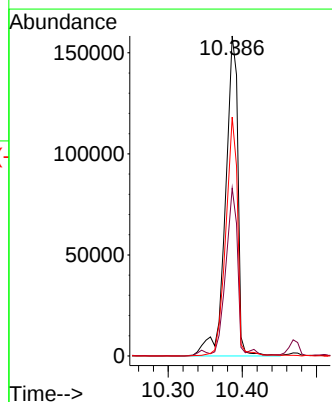
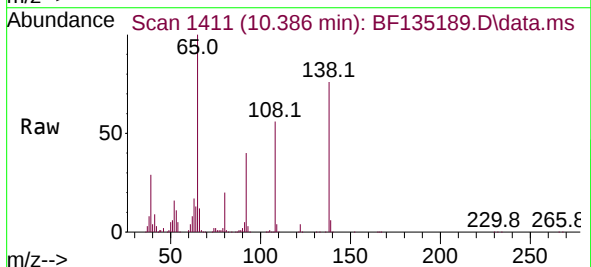
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

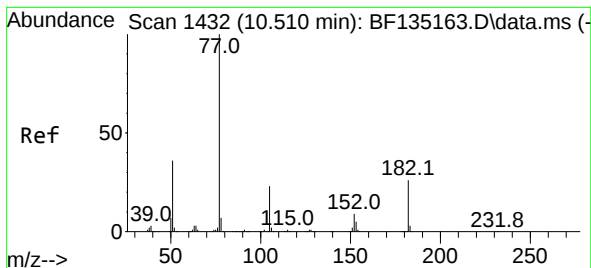
Tgt Ion:204 Resp: 325325
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 63.0 50.6 75.8



#62
4-Nitroaniline
Concen: 56.197 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:138 Resp: 184955
Ion Ratio Lower Upper
138 100
92 52.4 31.8 71.8
108 74.7 52.0 92.0





#63

Azobenzene

Concen: 55.786 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

Tgt Ion: 77 Resp: 729573

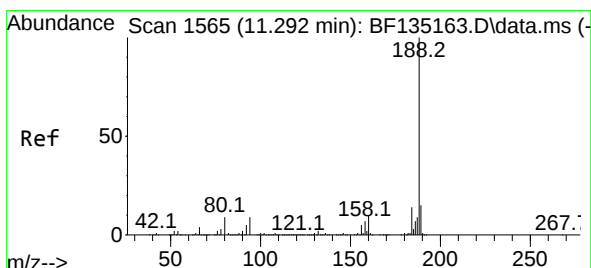
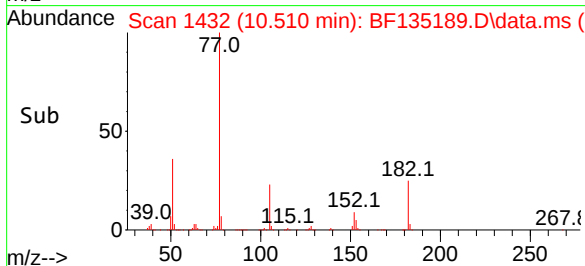
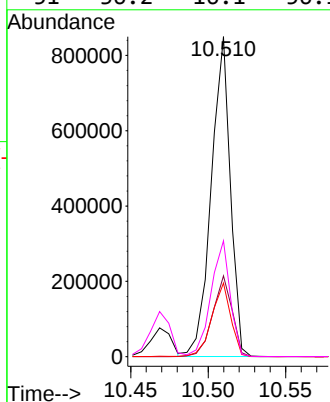
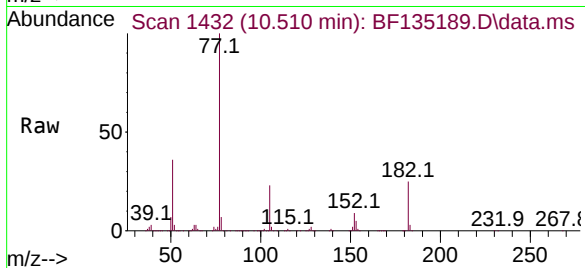
Ion Ratio Lower Upper

77 100

182 25.2 6.4 46.4

105 23.0 3.1 43.1

51 36.2 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: BF135189.D

Acq: 12 Sep 2023 19:21

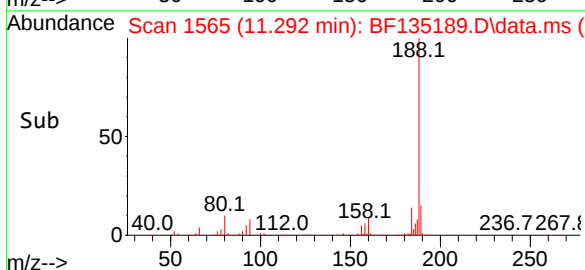
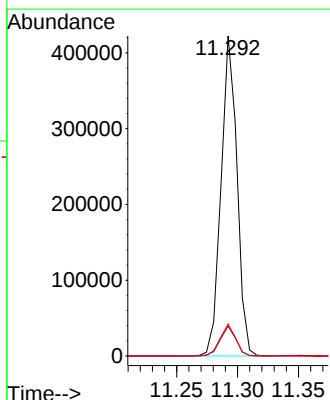
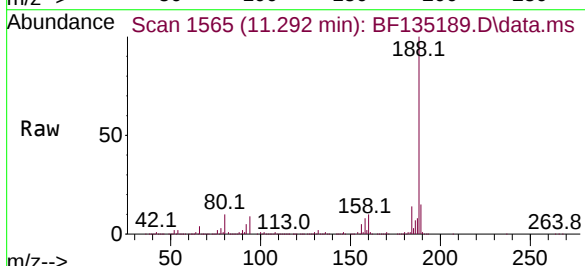
Tgt Ion: 188 Resp: 385583

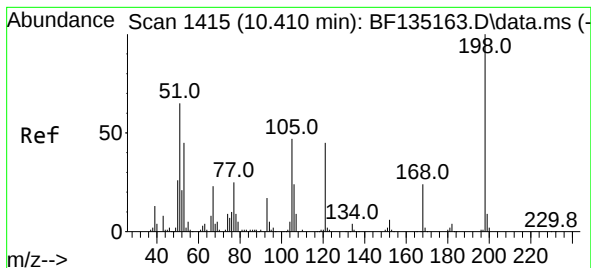
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 10.0 7.5 11.3

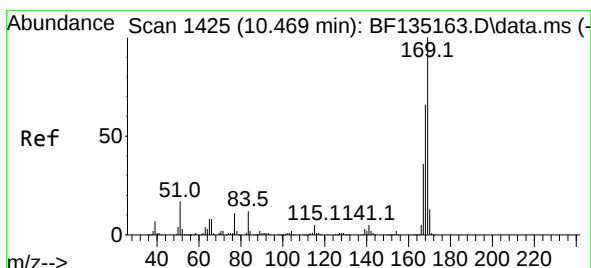
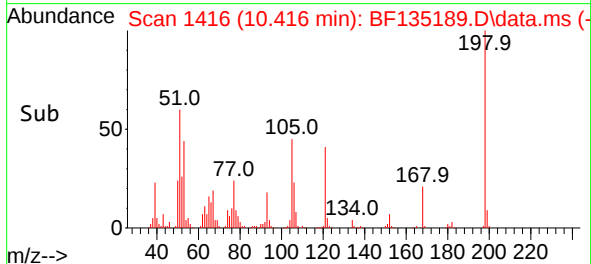
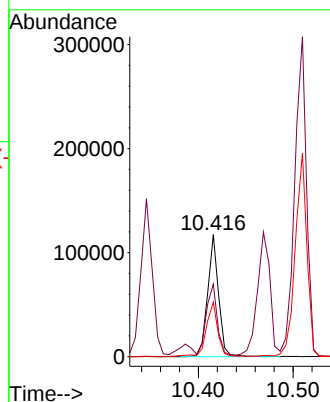
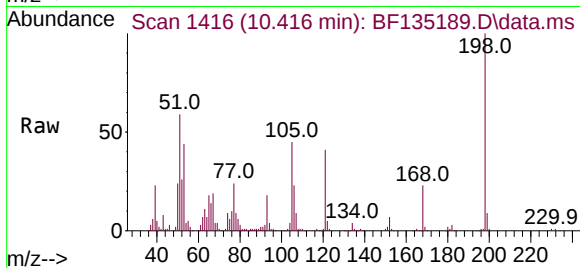




#65
4,6-Dinitro-2-methylphenol
Concen: 45.677 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

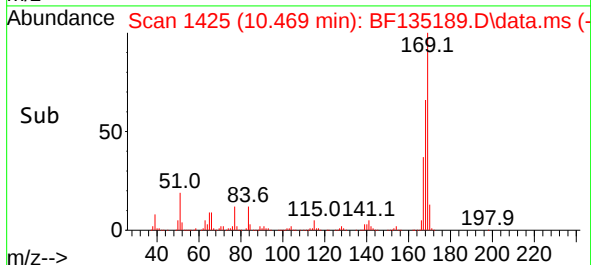
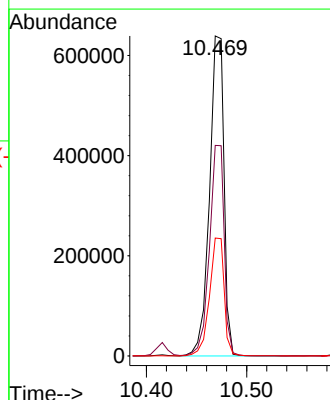
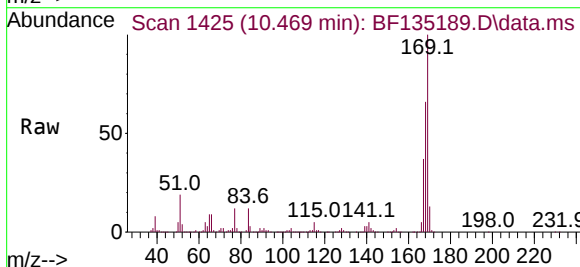
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

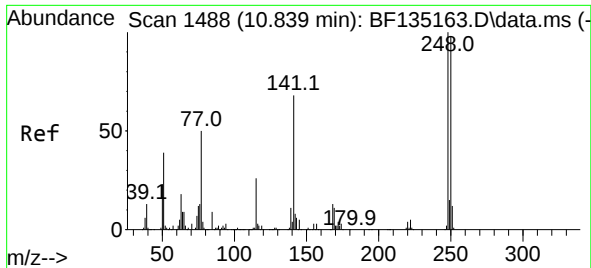
Tgt Ion:198 Resp: 93544
Ion Ratio Lower Upper
198 100
51 59.4 47.7 87.7
105 44.6 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 54.894 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:169 Resp: 640803
Ion Ratio Lower Upper
169 100
168 65.8 52.8 79.2
167 36.9 29.0 43.6

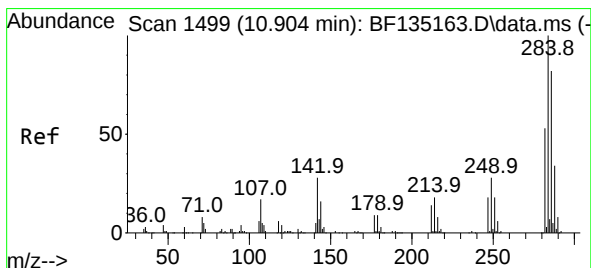
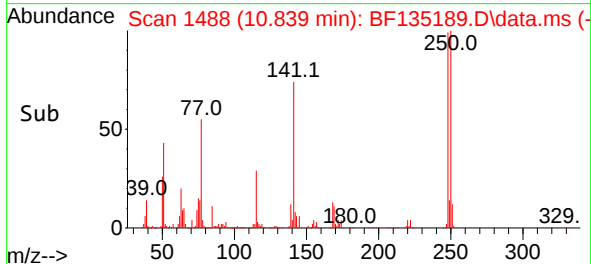
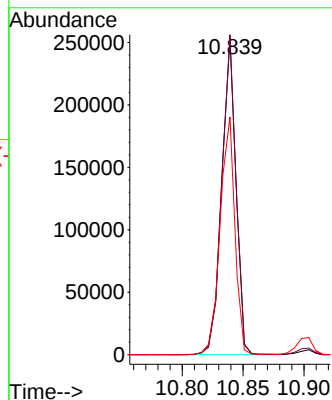
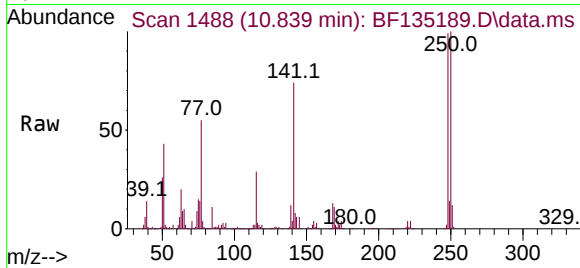




#67
4-Bromophenyl-phenylether
Concen: 54.314 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

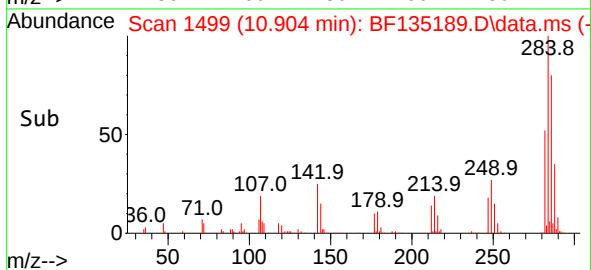
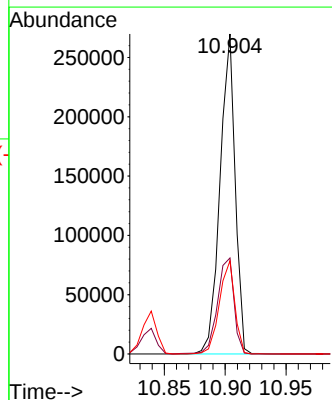
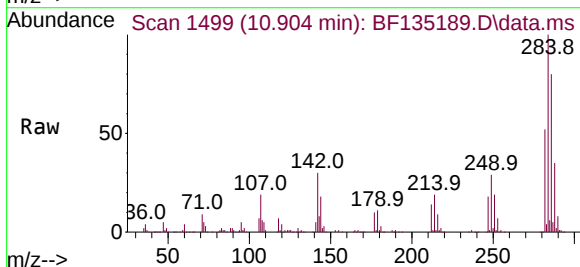
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

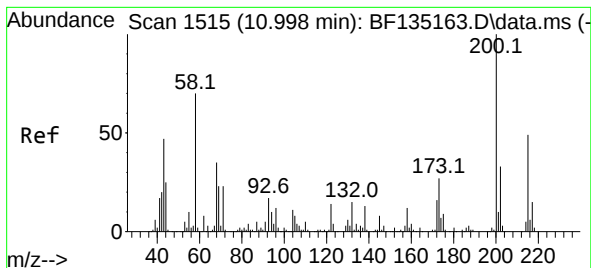
Tgt Ion:248 Resp: 208290
Ion Ratio Lower Upper
248 100
250 101.2 78.6 117.8
141 75.2 54.2 81.2



#68
Hexachlorobenzene
Concen: 59.937 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:284 Resp: 234166
Ion Ratio Lower Upper
284 100
142 30.0 22.2 33.4
249 29.1 22.5 33.7





#69

Atrazine

Concen: 65.620 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

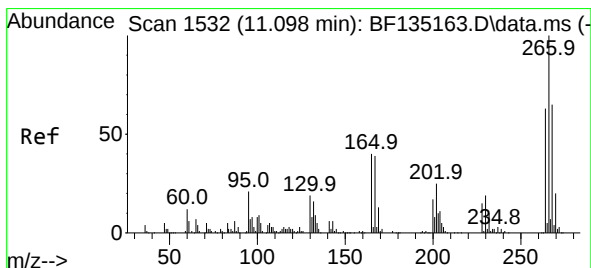
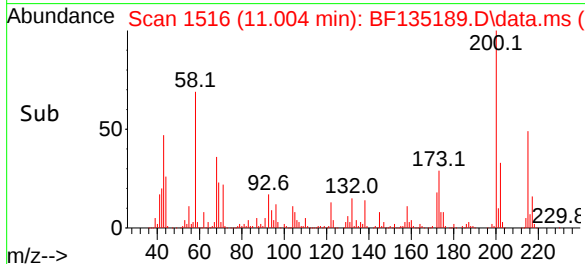
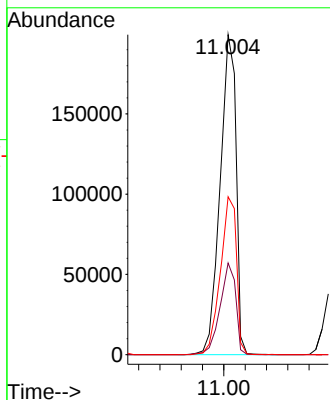
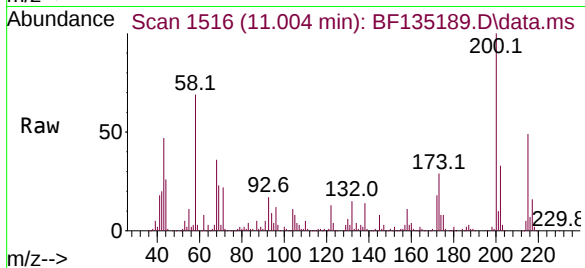
Tgt Ion:200 Resp: 206111

Ion Ratio Lower Upper

200 100

173 28.7 7.4 47.4

215 49.4 28.6 68.6



#70

Pentachlorophenol

Concen: 108.897 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

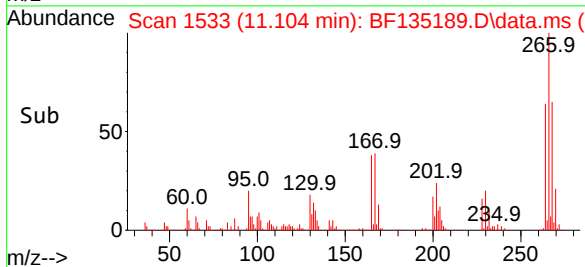
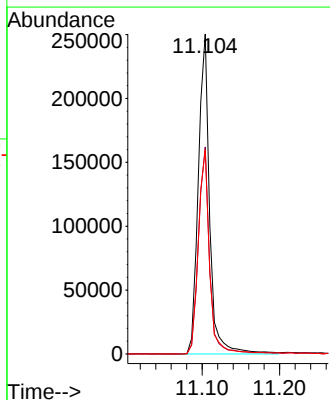
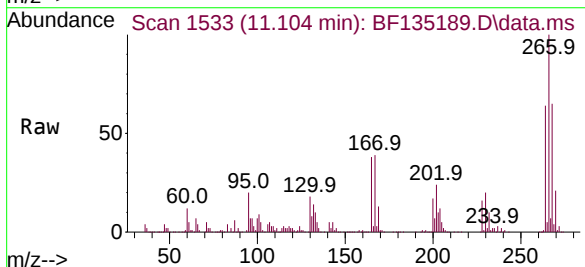
Tgt Ion:266 Resp: 254545

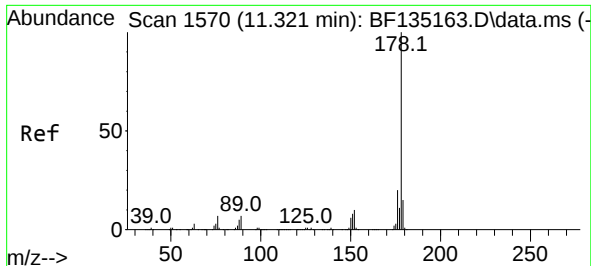
Ion Ratio Lower Upper

266 100

268 64.7 52.1 78.1

264 63.8 50.8 76.2

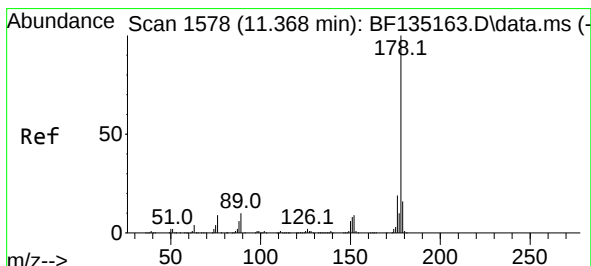
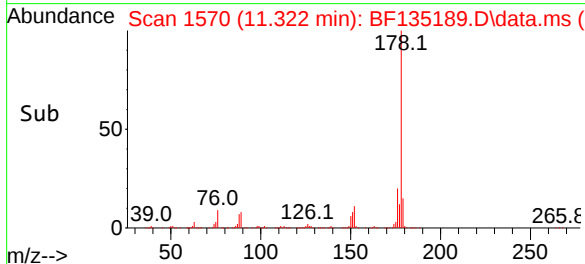
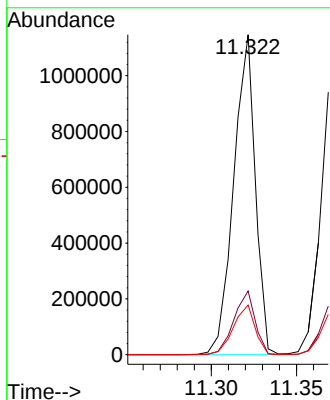
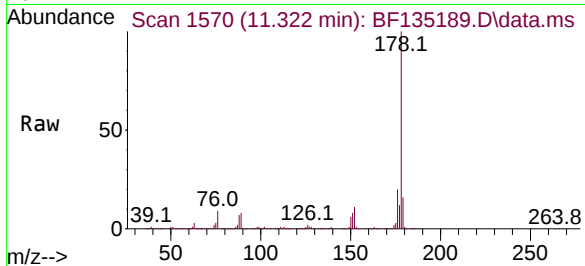




#71
Phenanthrene
Concen: 55.559 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

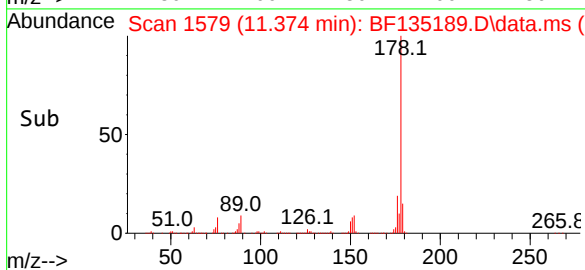
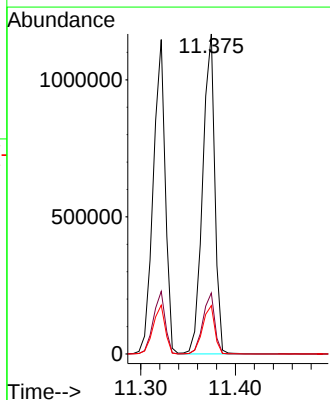
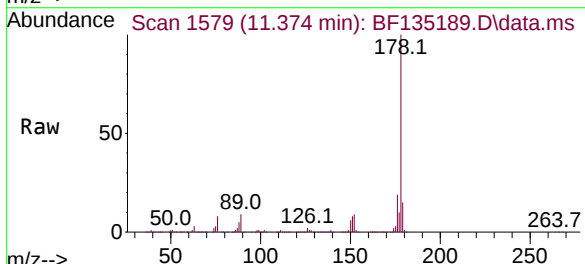
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

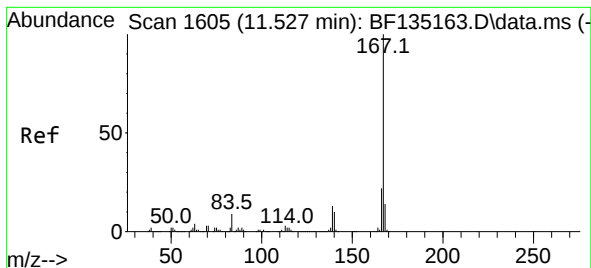
Tgt Ion:178 Resp: 1013189
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.5 12.0 18.0



#72
Anthracene
Concen: 55.547 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:178 Resp: 1041237
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.1 12.6 19.0





#73

Carbazole

Concen: 57.552 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

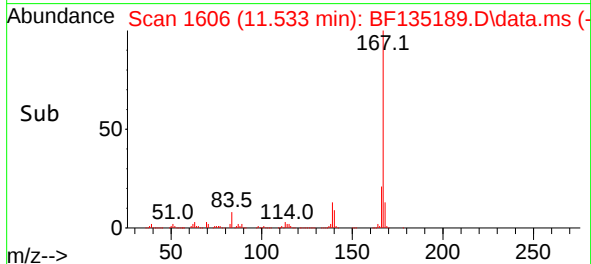
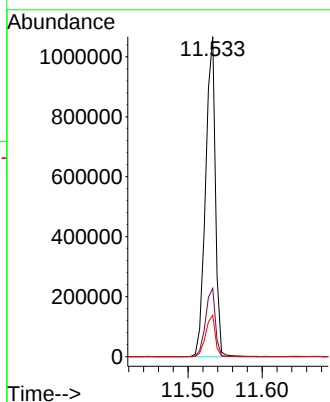
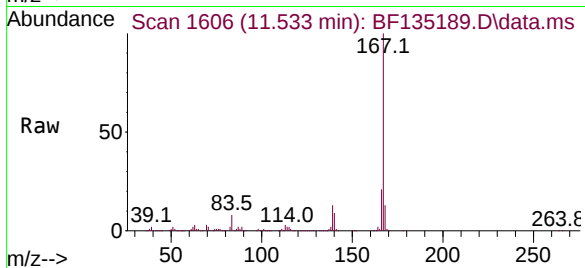
Tgt Ion:167 Resp: 982068

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 59.237 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

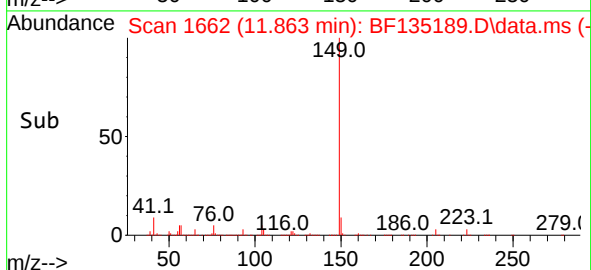
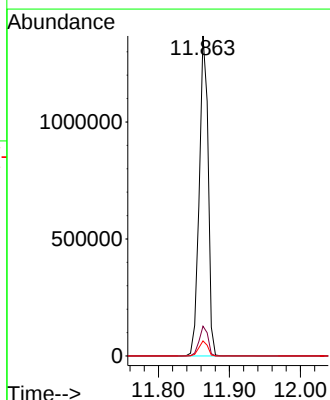
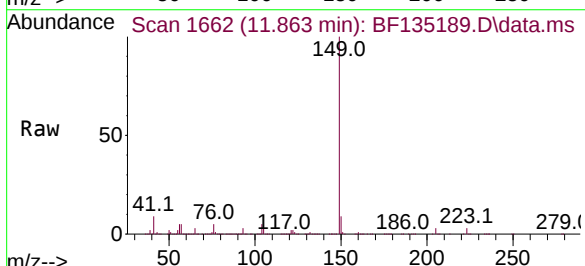
Tgt Ion:149 Resp: 1191106

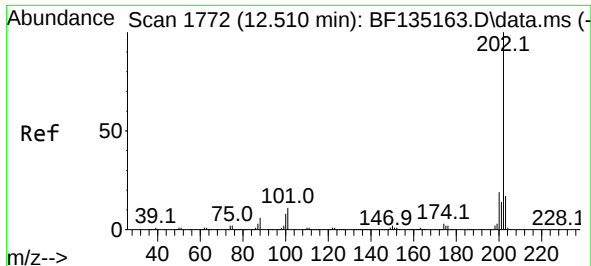
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 4.7 3.6 5.4

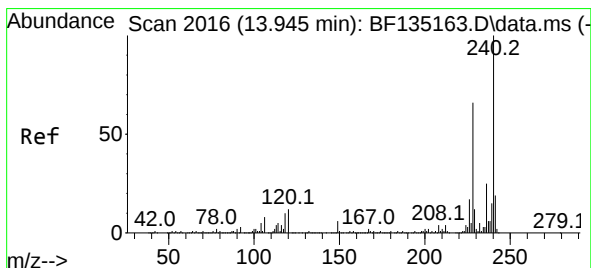
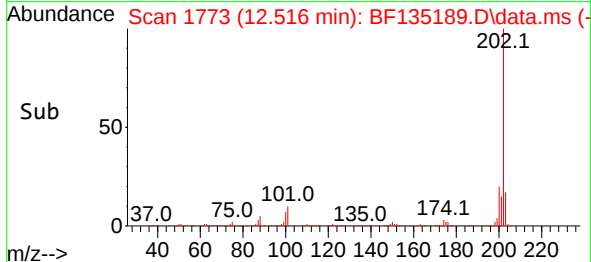
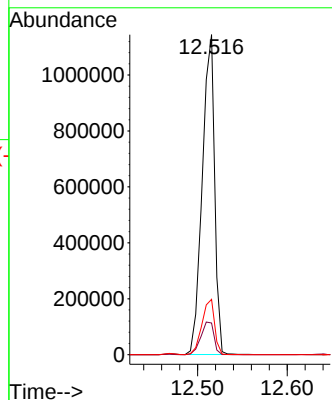
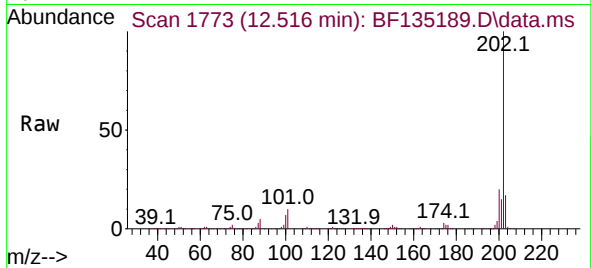




#75
Fluoranthene
Concen: 57.465 ng
RT: 12.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

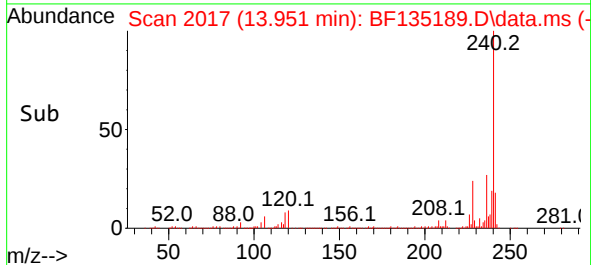
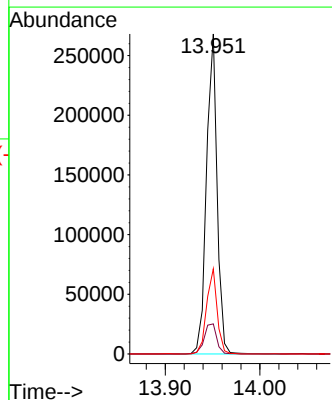
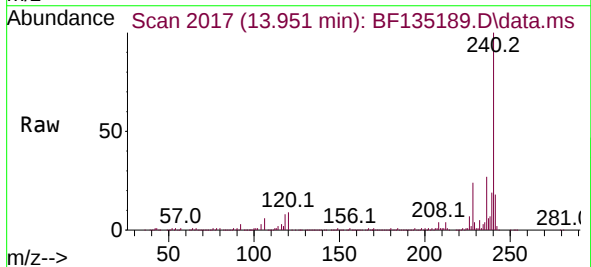
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

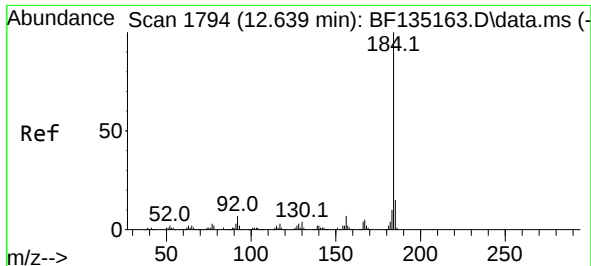
Tgt Ion:202 Resp: 1091967
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:240 Resp: 208484
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 26.6 19.8 29.8

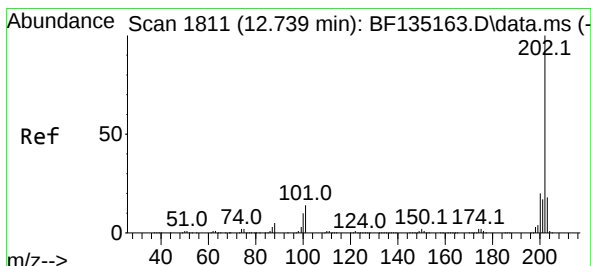
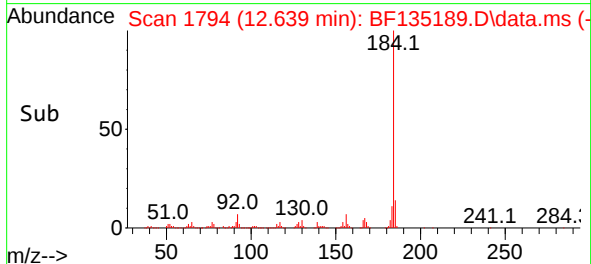
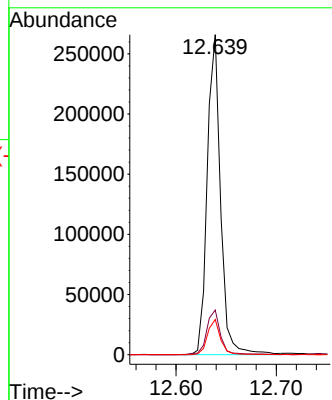
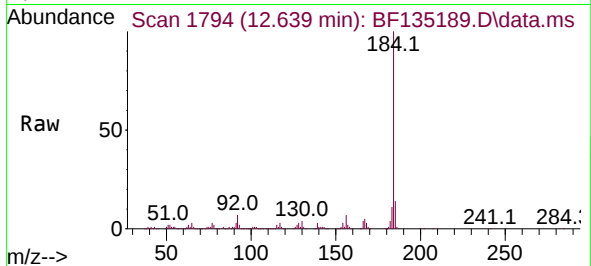




#77
Benzidine
Concen: 57.531 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

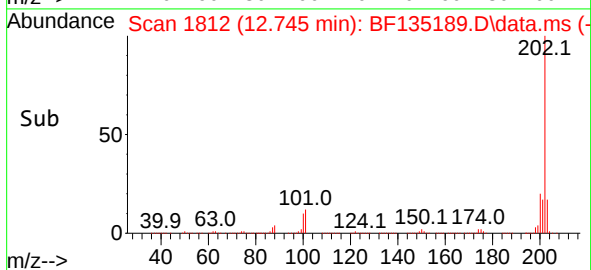
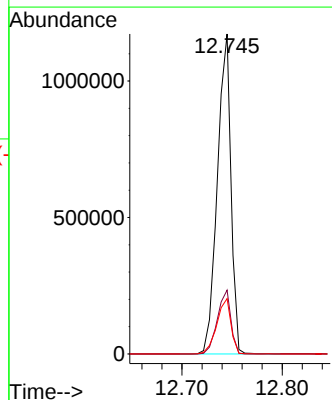
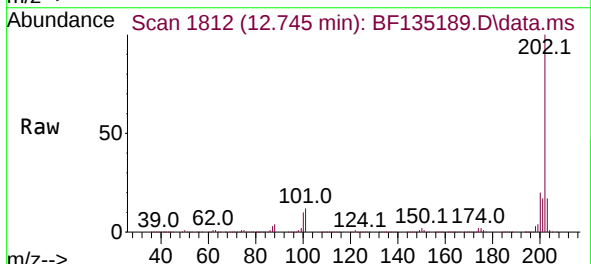
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion:184 Resp: 245723
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 11.0 8.2 12.4



#78
Pyrene
Concen: 55.460 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:202 Resp: 1100848
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 106.746 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

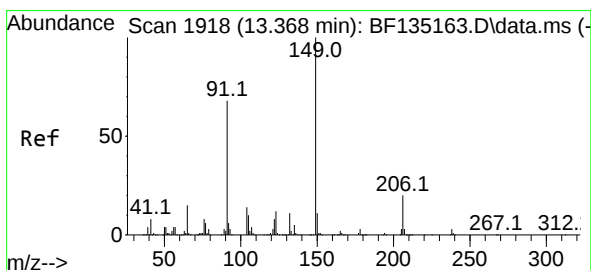
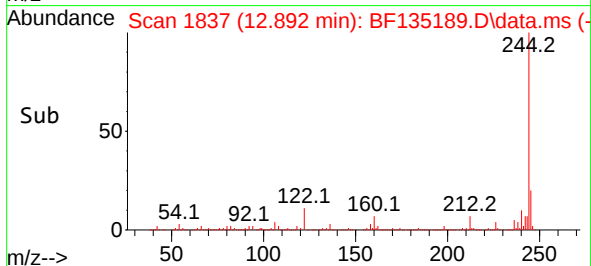
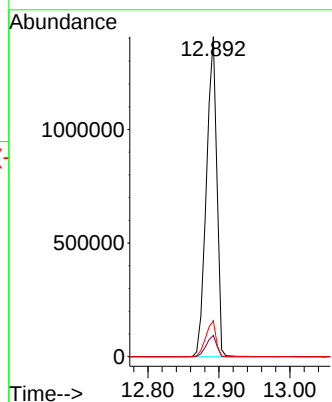
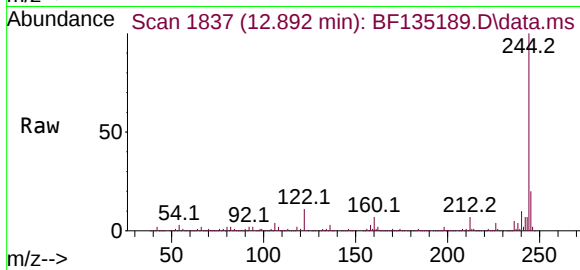
Tgt Ion:244 Resp: 1435623

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.3 7.9 11.9



#80

Butylbenzylphthalate

Concen: 63.584 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

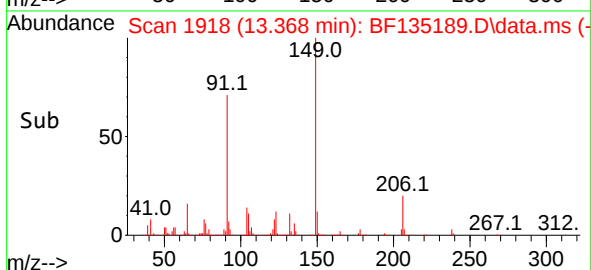
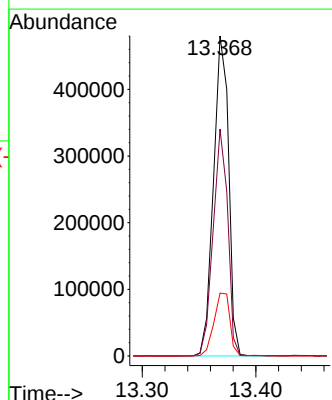
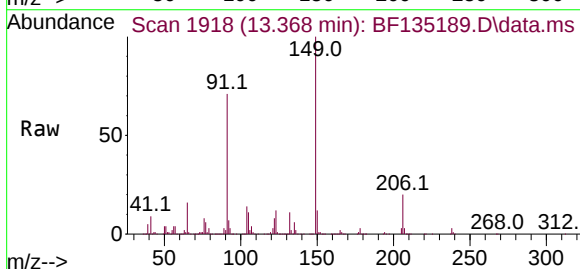
Tgt Ion:149 Resp: 444361

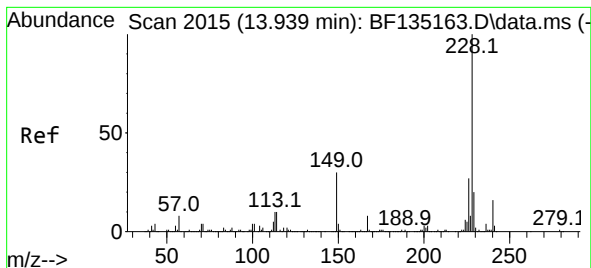
Ion Ratio Lower Upper

149 100

91 70.9 54.7 82.1

206 19.7 16.3 24.5





#81

Benzo(a)anthracene

Concen: 56.267 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

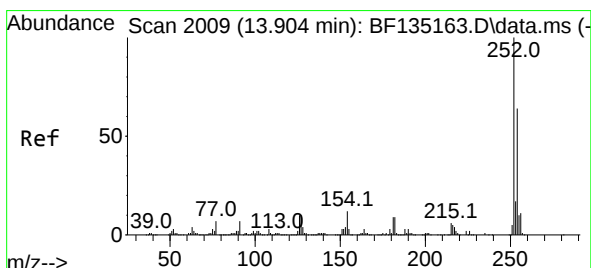
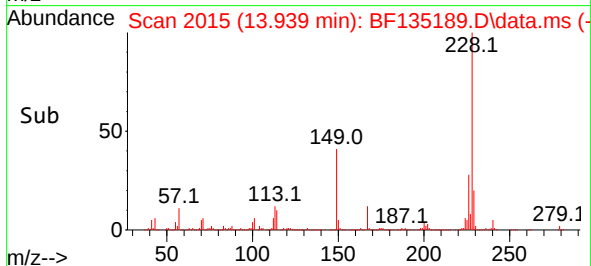
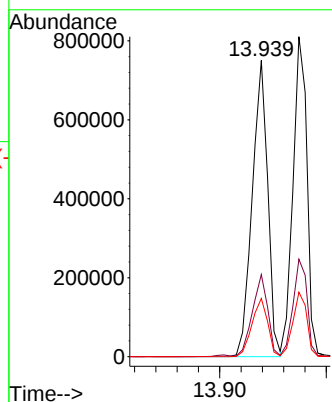
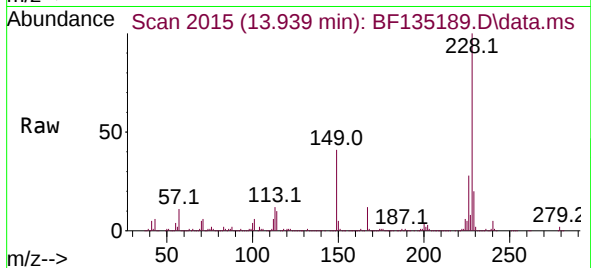
Tgt Ion:228 Resp: 757489

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.210 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

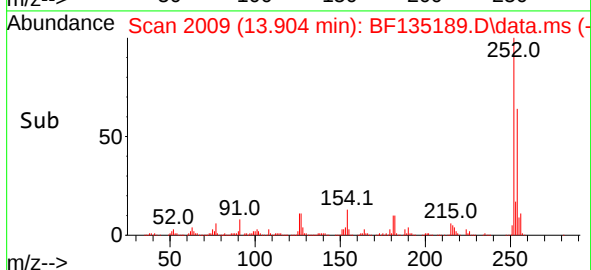
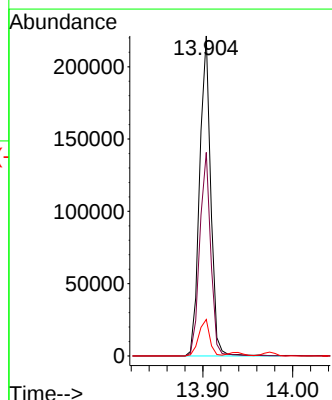
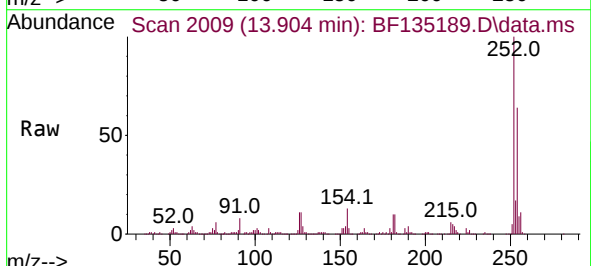
Tgt Ion:252 Resp: 190109

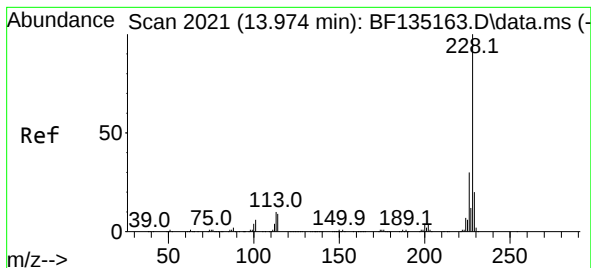
Ion Ratio Lower Upper

252 100

254 63.6 51.0 76.4

126 11.4 7.8 11.8





#83

Chrysene

Concen: 55.482 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

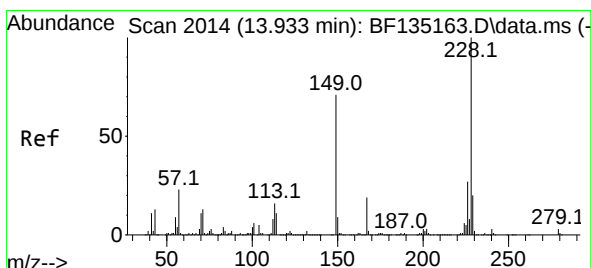
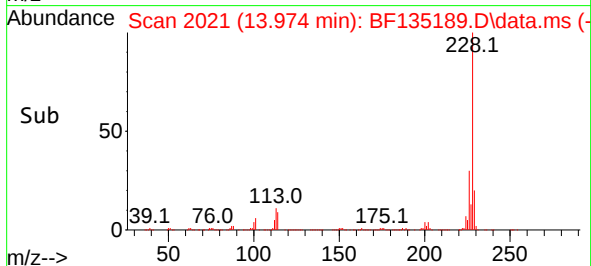
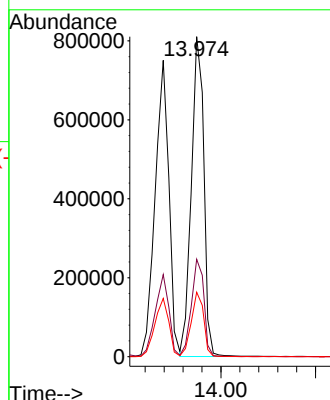
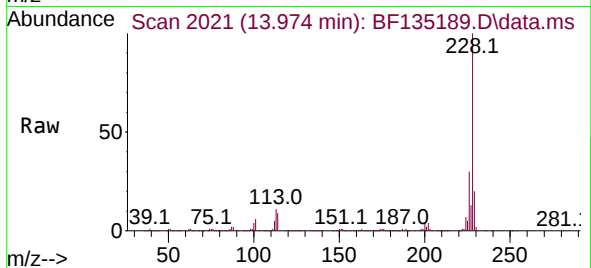
Tgt Ion:228 Resp: 742608

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 64.557 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

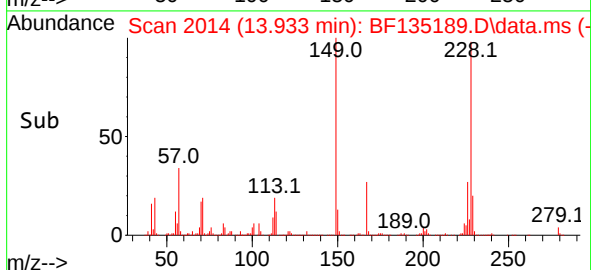
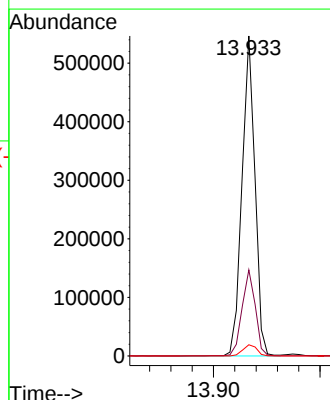
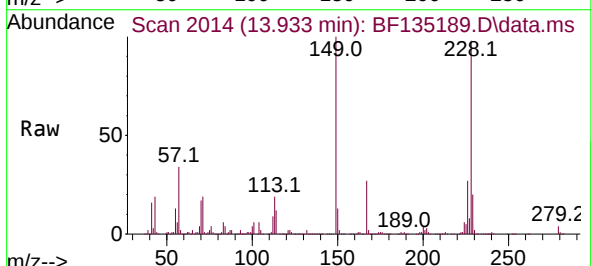
Tgt Ion:149 Resp: 462969

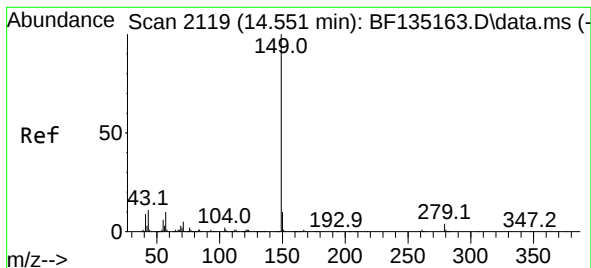
Ion Ratio Lower Upper

149 100

167 26.9 21.9 32.9

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.677 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

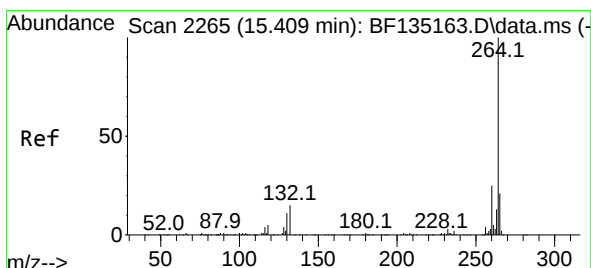
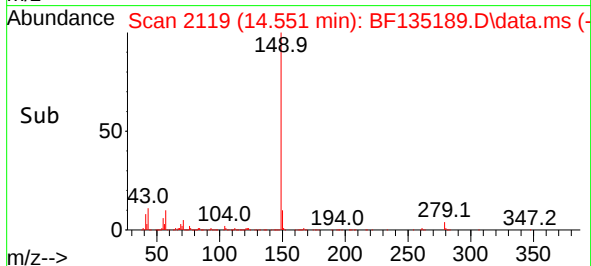
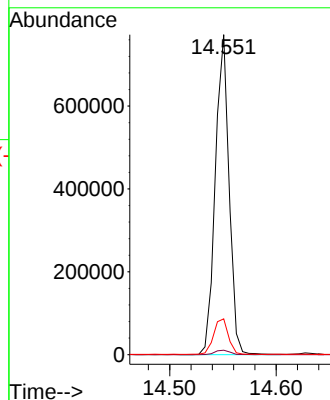
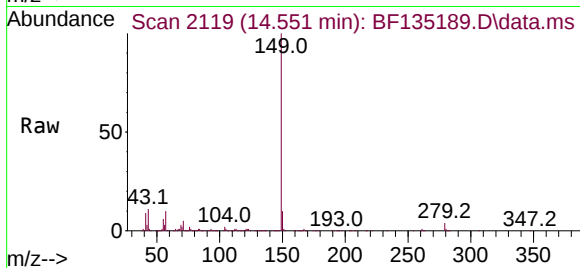
Tgt Ion:149 Resp: 691531

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

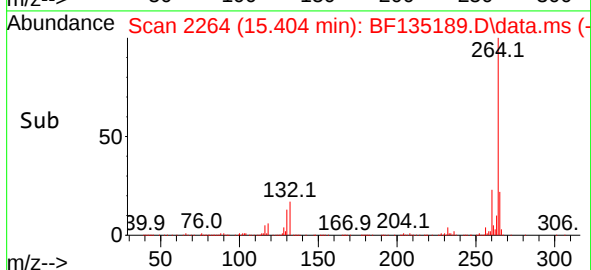
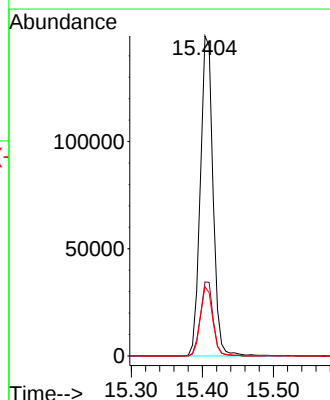
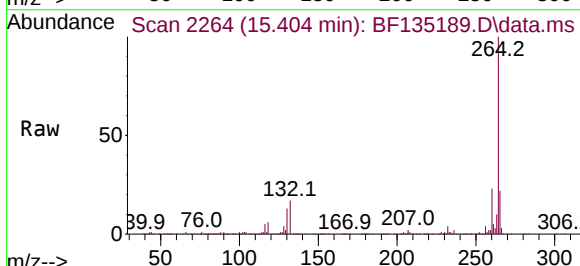
Tgt Ion:264 Resp: 185955

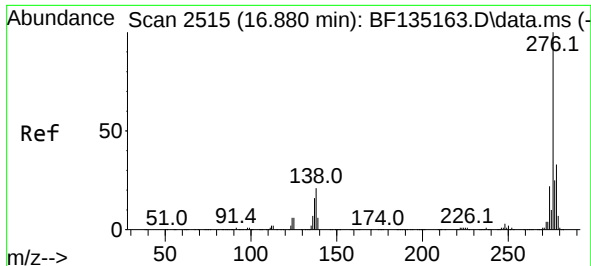
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

265 21.6 17.0 25.4

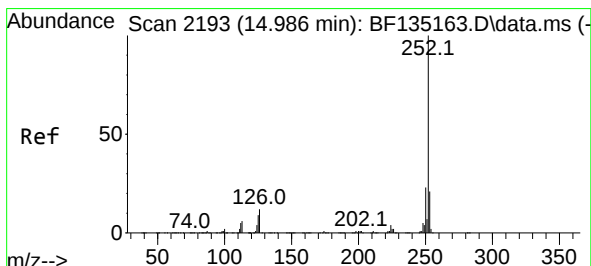
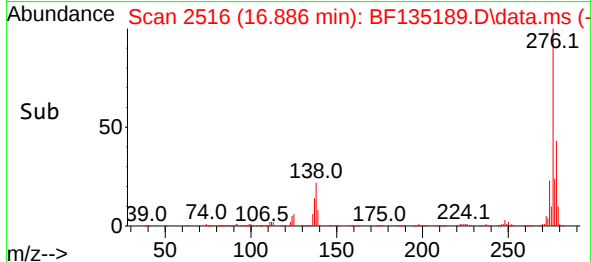
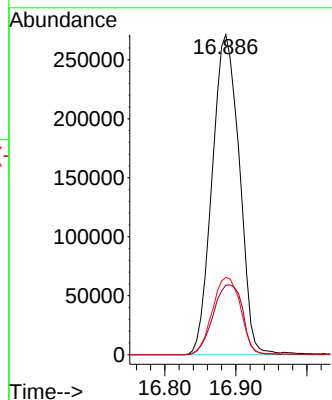
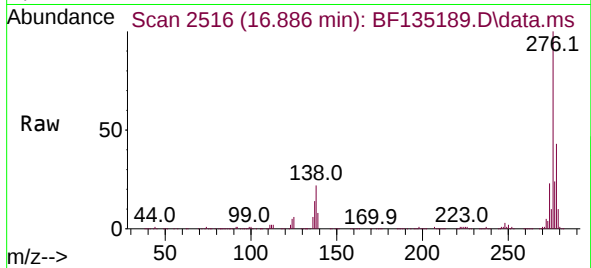




#87
Indeno(1,2,3-cd)pyrene
Concen: 58.943 ng
RT: 16.886 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

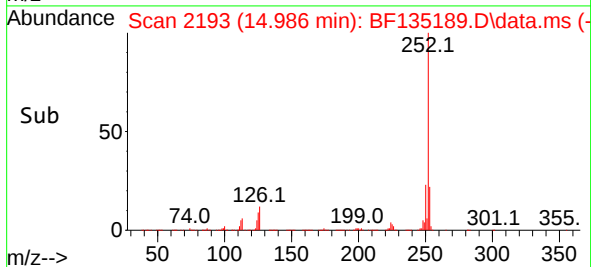
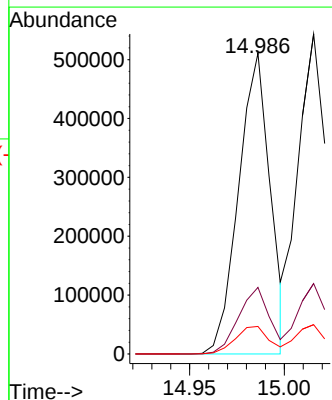
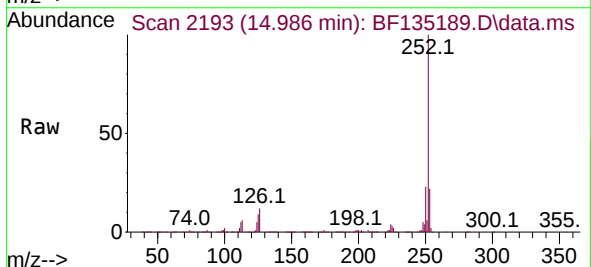
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

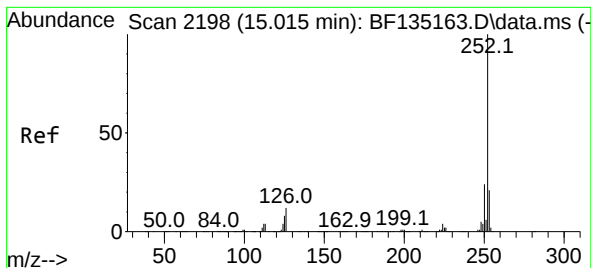
Tgt Ion:276 Resp: 718661
Ion Ratio Lower Upper
276 100
138 23.9 19.2 28.8
277 25.3 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 58.837 ng
RT: 14.986 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:252 Resp: 592280
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 56.937 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPHMSD

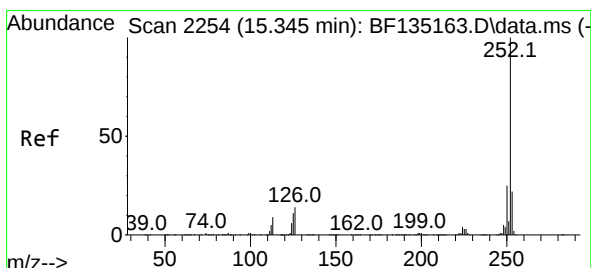
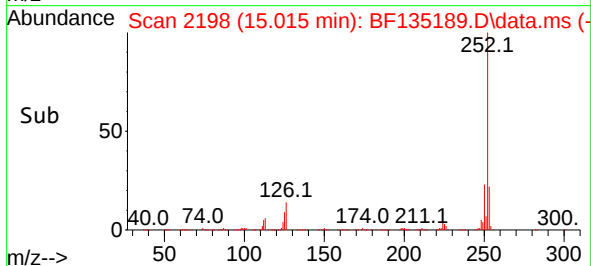
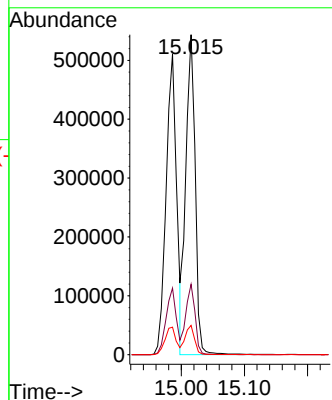
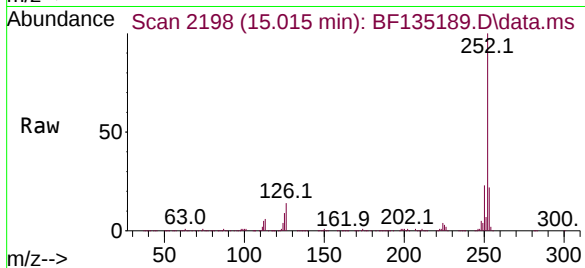
Tgt Ion:252 Resp: 566170

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 54.321 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.006 min

Lab File: BF135189.D

Acq: 12 Sep 2023 19:21

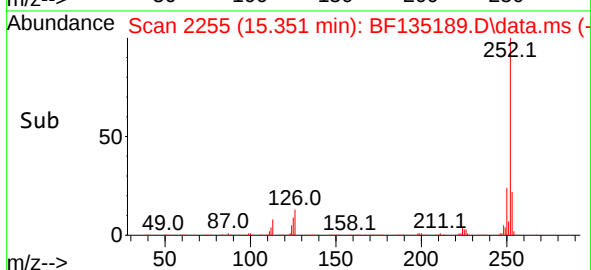
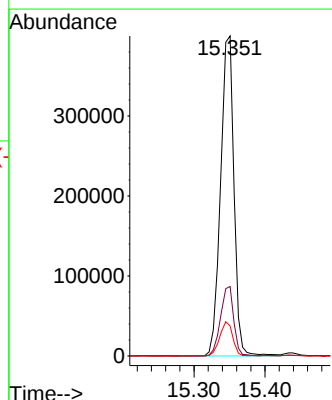
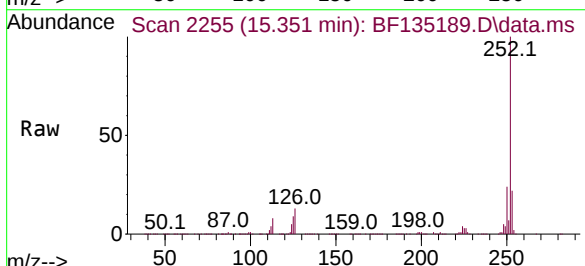
Tgt Ion:252 Resp: 521460

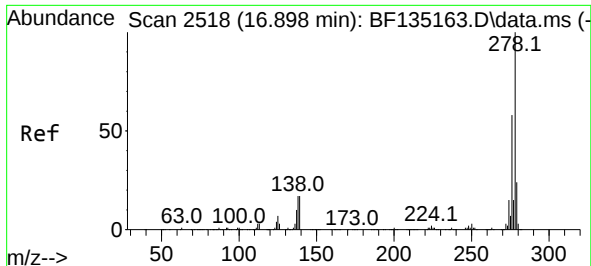
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.4 9.2 13.8

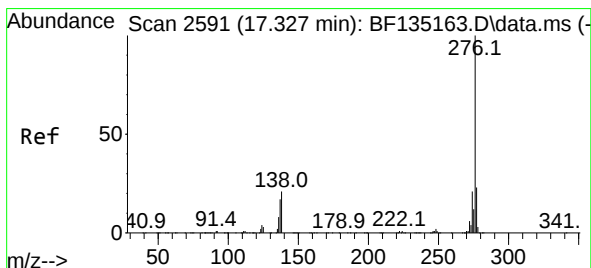
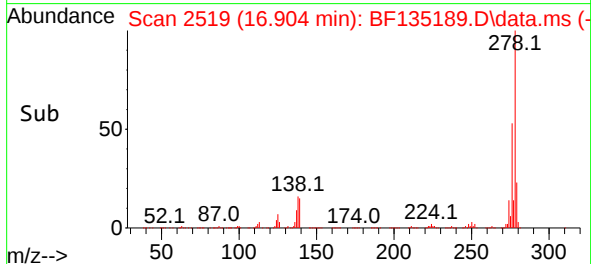
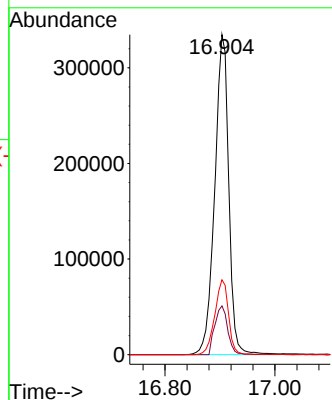
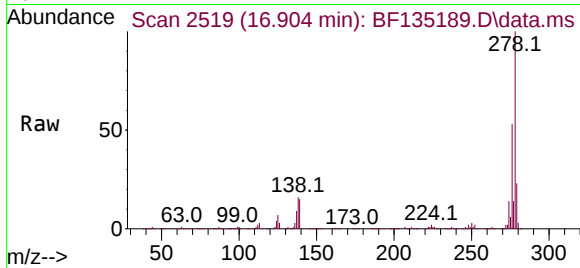




#91
Dibenzo(a,h)anthracene
Concen: 59.542 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPHMSD

Tgt Ion:278 Resp: 593995
Ion Ratio Lower Upper
278 100
139 15.3 13.4 20.0
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 58.421 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF135189.D
Acq: 12 Sep 2023 19:21

Tgt Ion:276 Resp: 608668
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 20.2 16.9 25.3

