

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135194.D
 Acq On : 12 Sep 2023 22:04
 Operator : CG\JU
 Sample : 04188-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 02:47:05 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	123582	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	492639	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	255855	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	493045	20.000	ng	0.00
76) Chrysene-d12	13.951	240	248870	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	259456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	711322	93.616	ng	0.02
7) Phenol-d6	6.410	99	931486	96.411	ng	0.00
23) Nitrobenzene-d5	7.334	82	575056	63.419	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	249049	97.951	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1055794	62.258	ng	0.00
79) Terphenyl-d14	12.886	244	1037763	64.641	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	125191	37.584	ng	99
3) Pyridine	3.322	79	317380	35.403	ng	97
4) n-Nitrosodimethylamine	3.293	42	205091	43.111	ng	99
6) Aniline	6.434	93	358504	28.296	ng	99
8) 2-Chlorophenol	6.551	128	365461	45.056	ng	97
9) Benzaldehyde	6.316	77	130645	23.736	ng	97
10) Phenol	6.422	94	441746	41.696	ng	93
11) bis(2-Chloroethyl)ether	6.510	93	343450	43.218	ng	98
12) 1,3-Dichlorobenzene	6.704	146	356302	43.223	ng	98
13) 1,4-Dichlorobenzene	6.781	146	364437	43.454	ng	99
14) 1,2-Dichlorobenzene	6.934	146	347662	44.638	ng	98
15) Benzyl Alcohol	6.916	79	313201	45.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	635135	42.401	ng	97
17) 2-Methylphenol	7.028	107	286881	40.079	ng	97
18) Hexachloroethane	7.269	117	133456	43.066	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	241981	40.435	ng	99
20) 3+4-Methylphenols	7.181	107	343698	39.932	ng	92
22) Acetophenone	7.175	105	471581	41.870	ng	# 99
24) Nitrobenzene	7.351	77	380843	42.493	ng	98
25) Isophorone	7.592	82	716315	43.021	ng	99
26) 2-Nitrophenol	7.663	139	193971	45.094	ng	99
27) 2,4-Dimethylphenol	7.704	122	298498	41.284	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	435624	43.712	ng	100
29) 2,4-Dichlorophenol	7.904	162	298613	44.571	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	308088	43.996	ng	100
31) Naphthalene	8.069	128	1017885	42.526	ng	100
32) Benzoic acid	7.851	122	249851	45.891	ng	98
33) 4-Chloroaniline	8.116	127	222241	21.162	ng	97
34) Hexachlorobutadiene	8.181	225	181549	42.996	ng	100
35) Caprolactam	8.498	113	59391	26.413	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	335296	45.029	ng	99
37) 2-Methylnaphthalene	8.757	142	659845	41.011	ng	99
38) 1-Methylnaphthalene	8.857	142	631546	41.925	ng	99
40) 1,2,4,5-Tetrachloroben...	8.928	216	314888	42.482	ng	99
41) Hexachlorocyclopentadiene	8.910	237	226675	70.381	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	216193	44.547	ng	99

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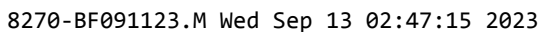
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 02:47:05 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	231949	41.501	ng	99
46) 1,1'-Biphenyl	9.228	154	833448	42.389	ng	98
47) 2-Chloronaphthalene	9.251	162	621128	43.539	ng	99
48) 2-Nitroaniline	9.351	65	241349	43.547	ng	96
49) Acenaphthylene	9.669	152	1012329	42.698	ng	100
50) Dimethylphthalate	9.533	163	752370	43.494	ng	99
51) 2,6-Dinitrotoluene	9.598	165	167258	44.137	ng	94
52) Acenaphthene	9.839	154	590817	42.183	ng	99
53) 3-Nitroaniline	9.769	138	143241	32.202	ng	92
54) 2,4-Dinitrophenol	9.880	184	172901	80.342	ng	98
55) Dibenzofuran	10.010	168	882050	41.270	ng	96
56) 4-Nitrophenol	9.939	139	268061	94.819	ng	100
57) 2,4-Dinitrotoluene	10.004	165	206018	43.426	ng	90
58) Fluorene	10.357	166	685993	41.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	195092	45.378	ng	99
60) Diethylphthalate	10.233	149	746325	42.990	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	324338	41.093	ng	98
62) 4-Nitroaniline	10.386	138	184963	43.258	ng	97
63) Azobenzene	10.510	77	716224	42.154	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	116991	44.675	ng	95
66) n-Nitrosodiphenylamine	10.475	169	642869	43.068	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	207901	42.397	ng	97
68) Hexachlorobenzene	10.904	284	230927	46.225	ng	97
69) Atrazine	11.004	200	203216	50.597	ng	99
70) Pentachlorophenol	11.104	266	215098	71.964	ng	100
71) Phenanthrene	11.322	178	1036641	44.455	ng	98
72) Anthracene	11.374	178	1012035	42.222	ng	99
73) Carbazole	11.533	167	958818	43.943	ng	99
74) Di-n-butylphthalate	11.863	149	1157674	45.026	ng	99
75) Fluoranthene	12.516	202	1096787	45.139	ng	98
77) Benzidine	12.639	184	222818	43.702	ng	100
78) Pyrene	12.745	202	1084234	45.759	ng	100
80) Butylbenzylphthalate	13.368	149	416587	49.936	ng	96
81) Benzo(a)anthracene	13.939	228	702723	43.728	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	187759	37.405	ng	99
83) Chrysene	13.974	228	697880	43.679	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	453635	52.990	ng	99
85) Di-n-octyl phthalate	14.551	149	693122	50.947	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.886	276	777150	45.683	ng	99
88) Benzo(b)fluoranthene	14.986	252	631442	44.958	ng	99
89) Benzo(k)fluoranthene	15.015	252	579663	41.780	ng	98
90) Benzo(a)pyrene	15.351	252	570066	42.561	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	618467	44.433	ng	99
92) Benzo(g,h,i)perylene	17.339	276	635736	43.733	ng	99

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

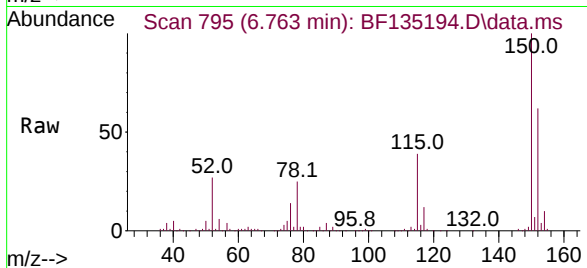
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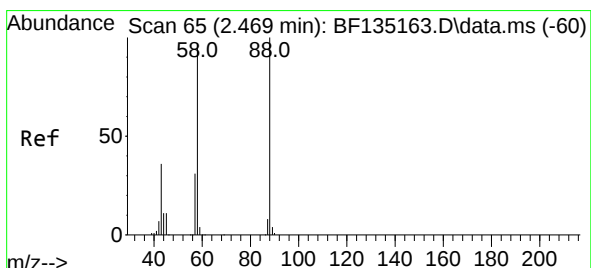
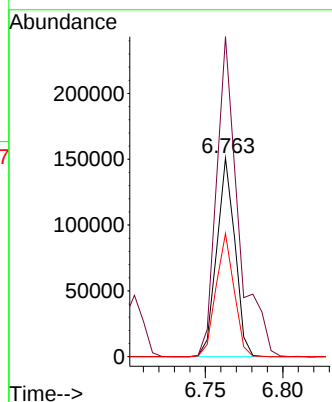
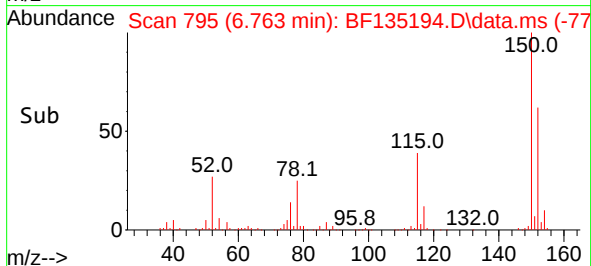


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF135194.D
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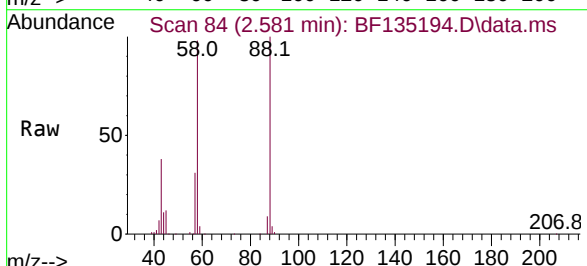
Instrument :
 BNA_F
 ClientSampleId :



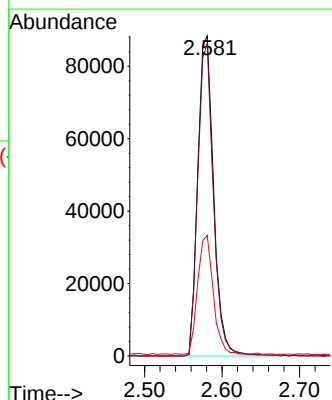
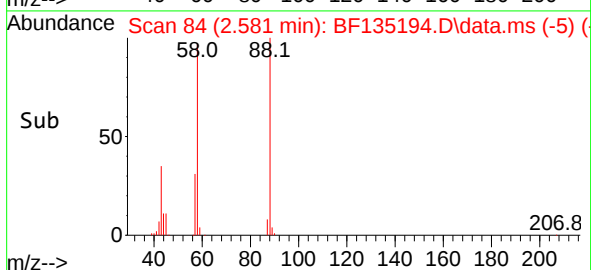
Tgt Ion:152 Resp: 123582
 Ion Ratio Lower Upper
 152 100
 150 161.0 127.8 191.6
 115 62.0 49.8 74.8



#2
 1,4-Dioxane
 Concen: 37.584 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.112 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04



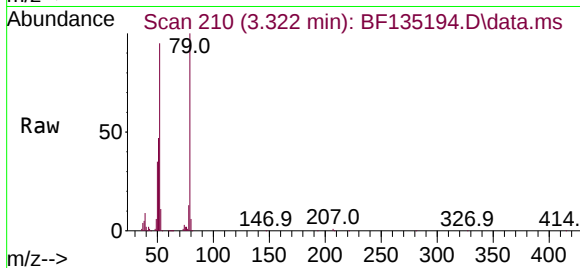
Tgt Ion: 88 Resp: 125191
 Ion Ratio Lower Upper
 88 100
 58 96.5 78.3 117.5
 43 36.5 29.4 44.0



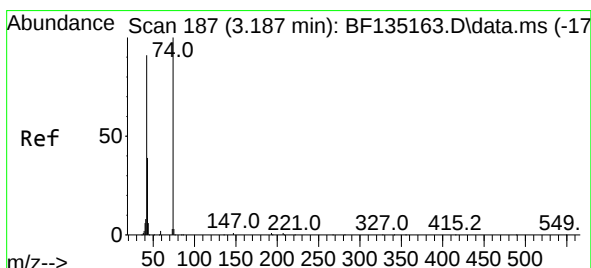
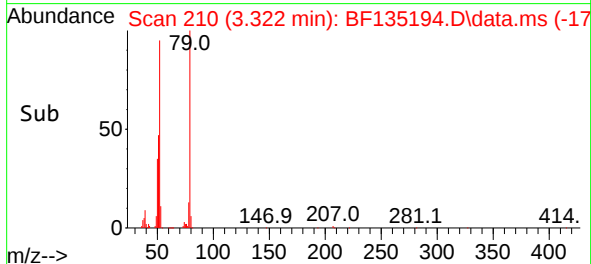
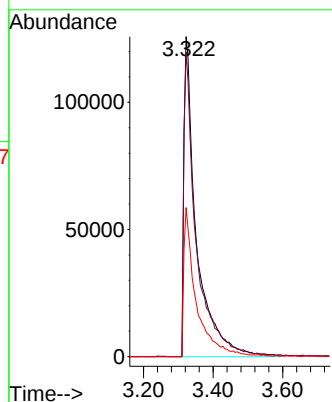


#3
 Pyridine
 Concen: 35.403 ng
 RT: 3.322 min Scan# 21
 Delta R.T. 0.106 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Instrument :
 BNA_F
 ClientSampleId :

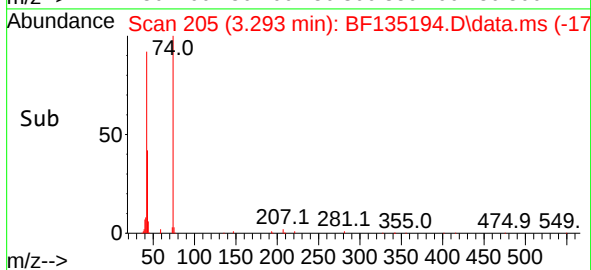
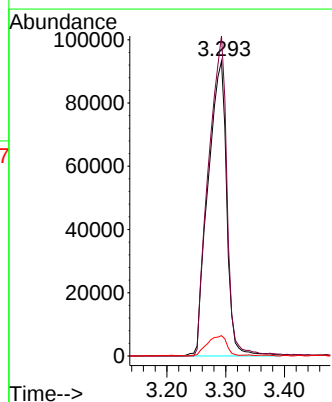
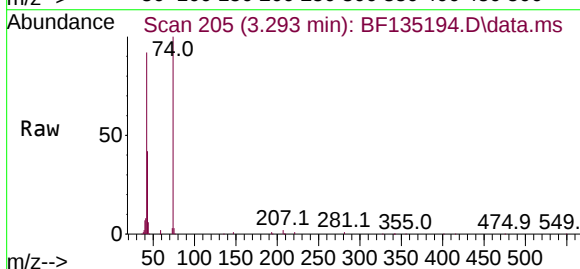


Tgt Ion: 79 Resp: 317380
 Ion Ratio Lower Upper
 79 100
 52 95.3 74.1 111.1
 51 46.6 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 43.111 ng
 RT: 3.293 min Scan# 205
 Delta R.T. 0.106 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Tgt Ion: 42 Resp: 205091
 Ion Ratio Lower Upper
 42 100
 74 108.6 87.7 131.5
 44 6.9 5.6 8.4

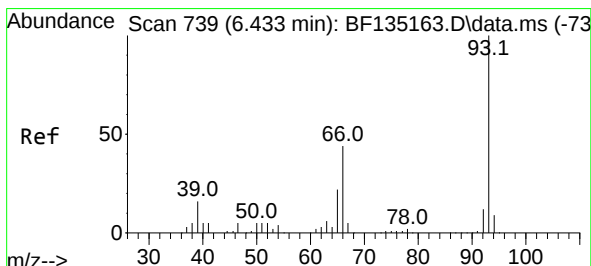
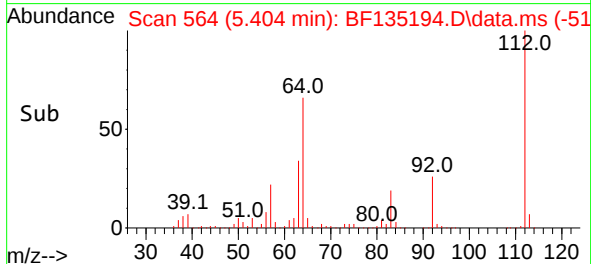
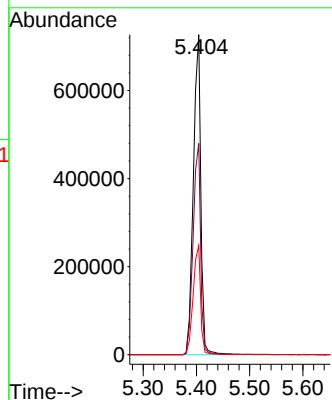
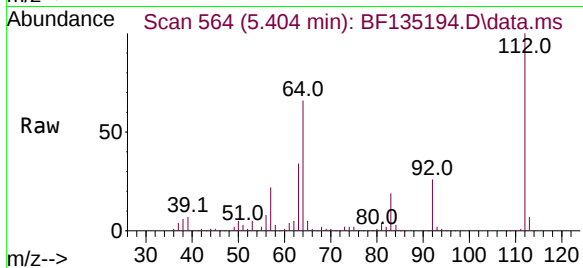




#5
2-Fluorophenol
Concen: 93.616 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

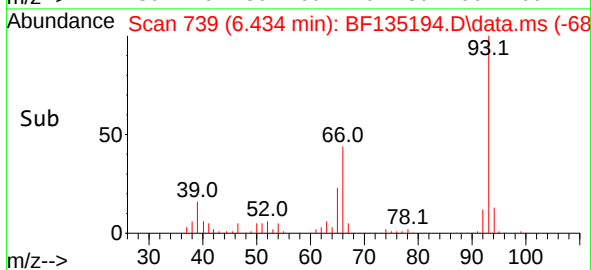
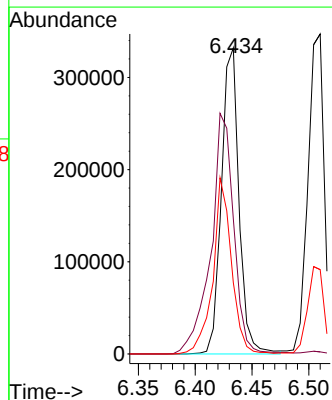
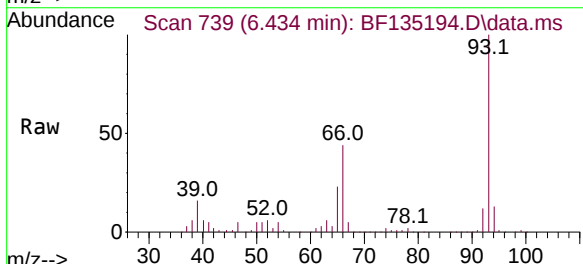
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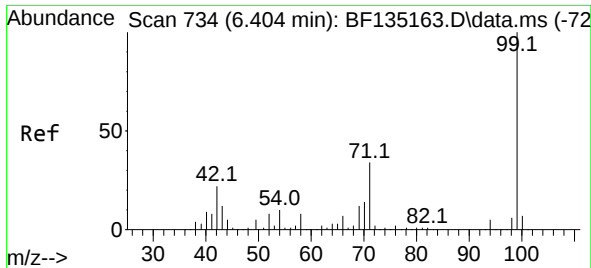
Tgt Ion:112 Resp: 711322
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.2 29.0 43.6



#6
Aniline
Concen: 28.296 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 93 Resp: 358504
Ion Ratio Lower Upper
93 100
66 44.2 35.4 53.0
65 23.3 17.8 26.8

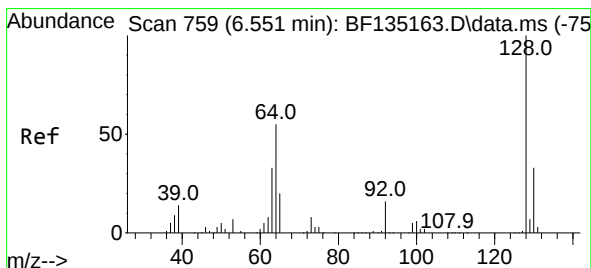
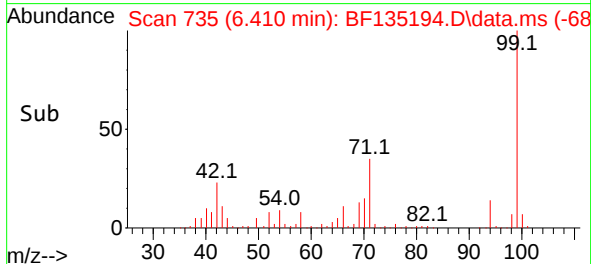
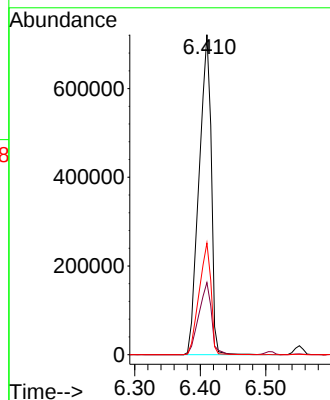
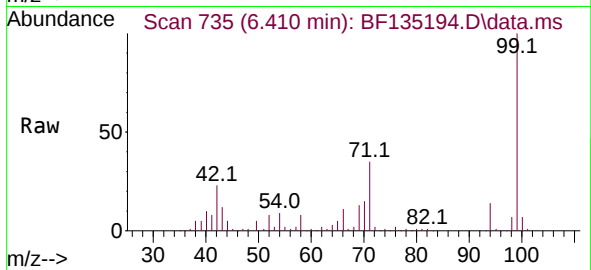




#7
Phenol-d6
Concen: 96.411 ng
RT: 6.410 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

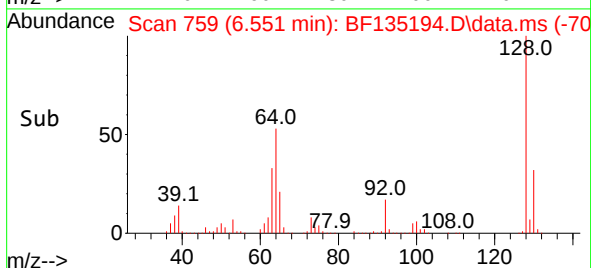
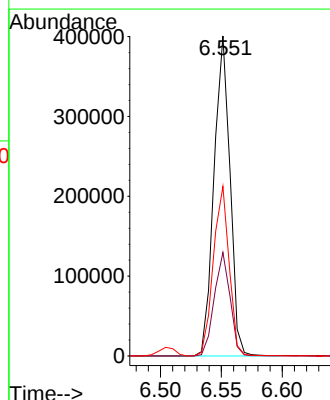
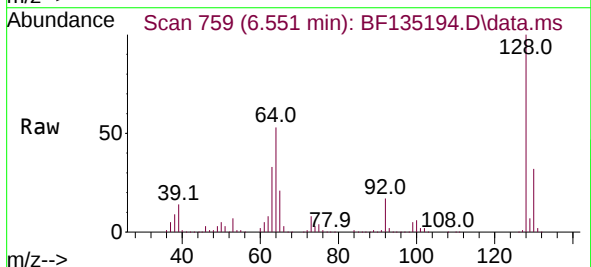
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 931486
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 34.9 27.0 40.6



#8
2-Chlorophenol
Concen: 45.056 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

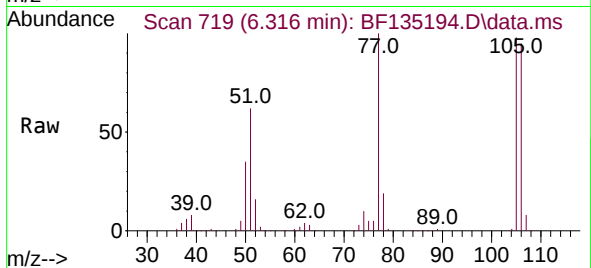
Tgt Ion:128 Resp: 365461
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 53.0 35.9 75.9



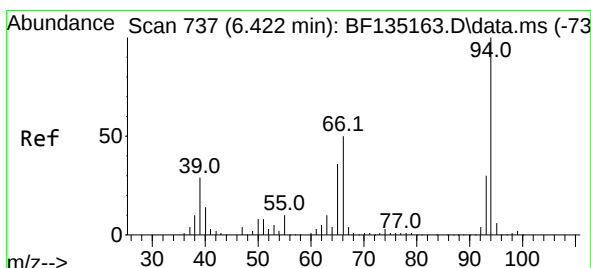
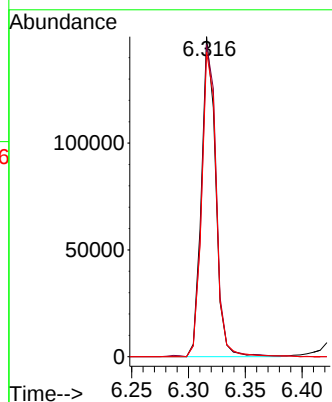
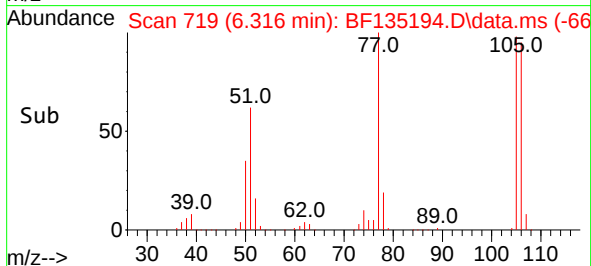


#9
Benzaldehyde
Concen: 23.736 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :

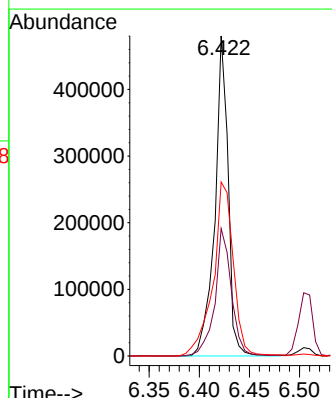
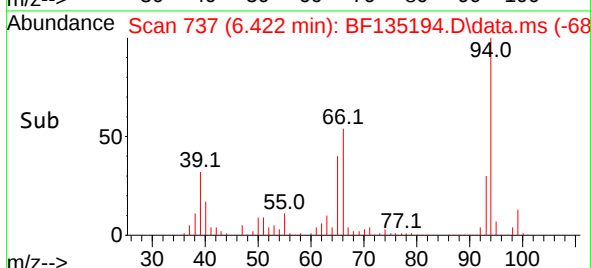
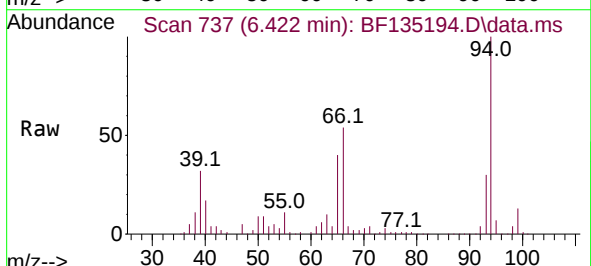


Tgt Ion: 77 Resp: 130645
Ion Ratio Lower Upper
77 100
105 97.5 81.4 121.4
106 95.1 76.9 116.9



#10
Phenol
Concen: 41.696 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

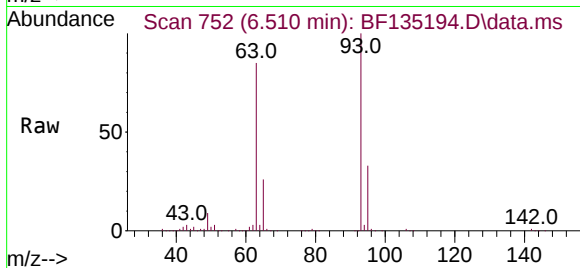
Tgt Ion: 94 Resp: 441746
Ion Ratio Lower Upper
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66 54.4 29.8 69.8



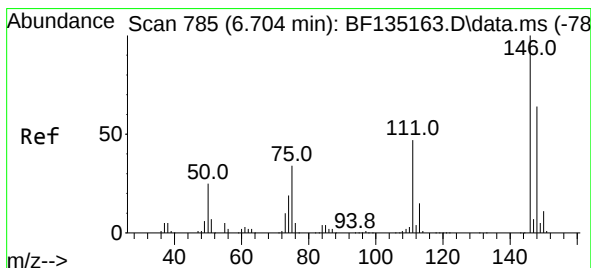
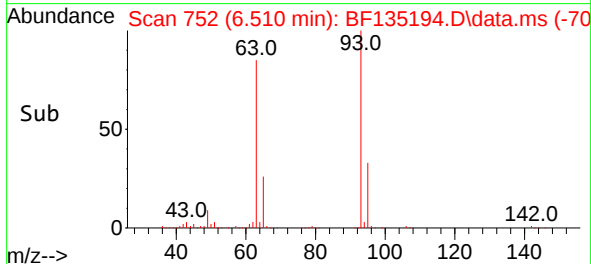
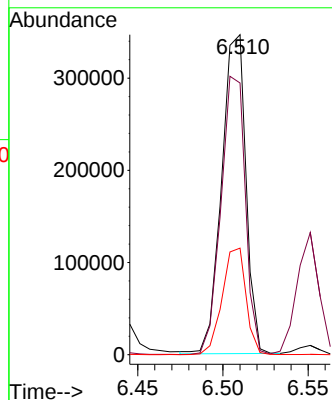


#11
 bis(2-Chloroethyl)ether
 Concen: 43.218 ng
 RT: 6.510 min Scan# 752
 Delta R.T. 0.000 min
 Lab File: BF135194.D
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Instrument :
 BNA_F
 ClientSampleId :

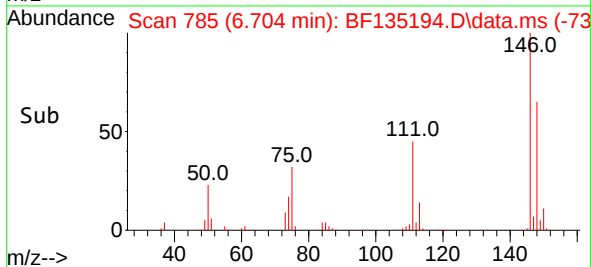
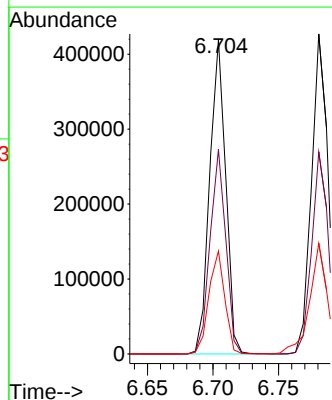
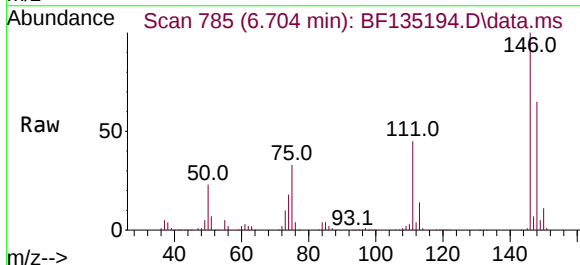


Tgt Ion:	93	Resp:	343450
Ion	Ratio	Lower	Upper
93	100		
63	84.9	67.3	107.3
95	33.3	12.7	52.7



#12
 1,3-Dichlorobenzene
 Concen: 43.223 ng
 RT: 6.704 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Tgt Ion:	146	Resp:	356302
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.3	76.9
75	32.7	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 43.454 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

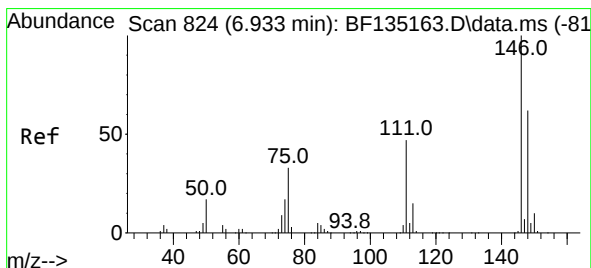
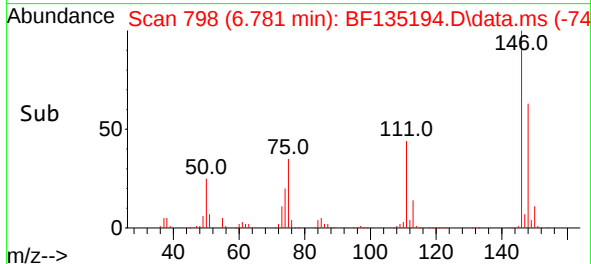
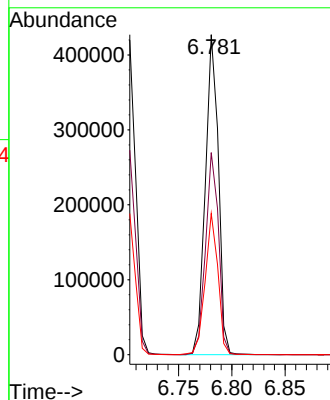
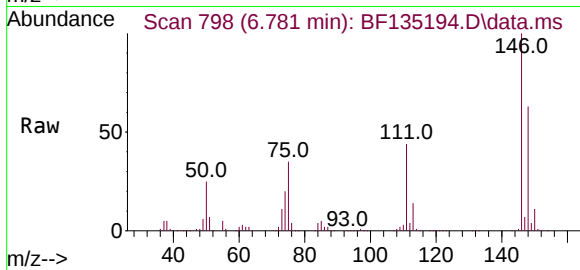
Tgt Ion:146 Resp: 364437

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

111 44.1 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 44.638 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

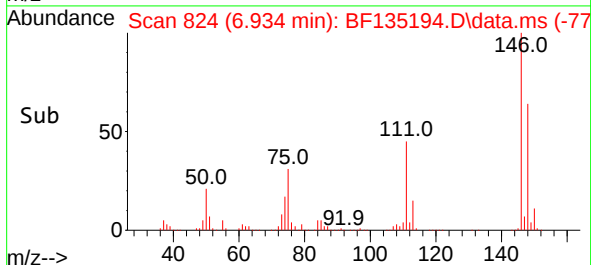
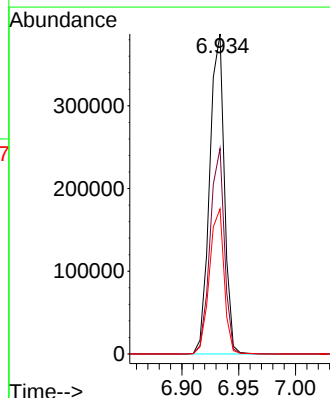
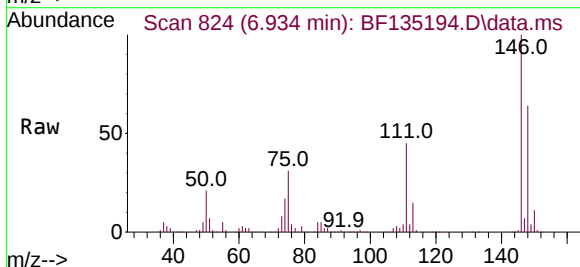
Tgt Ion:146 Resp: 347662

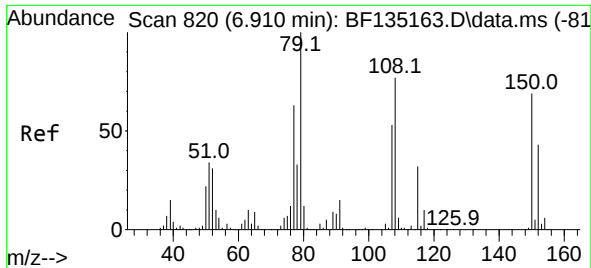
Ion Ratio Lower Upper

146 100

148 64.2 49.7 74.5

111 45.4 37.4 56.2

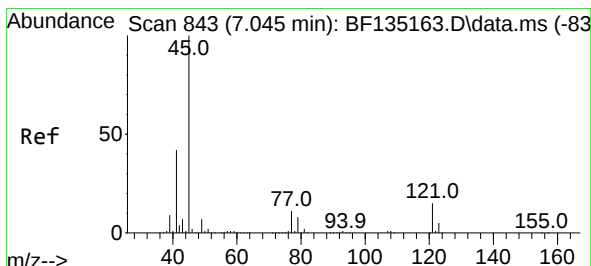
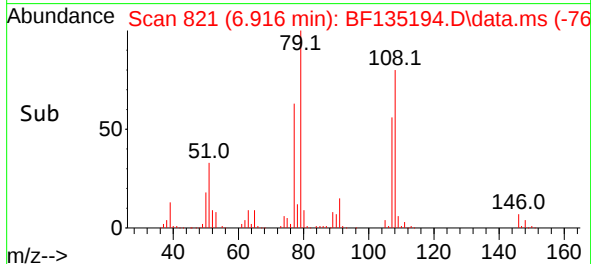
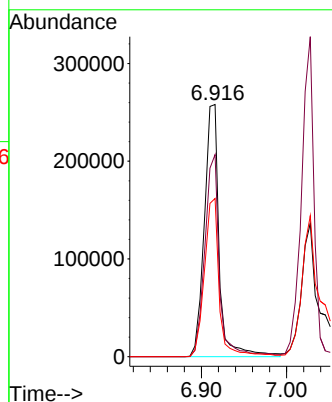
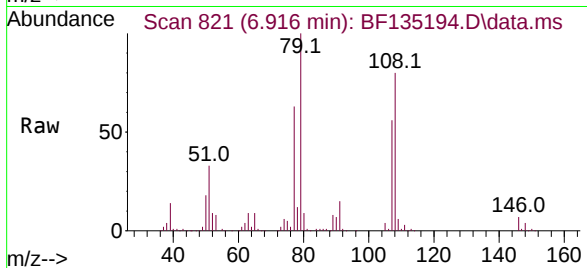




#15
Benzyl Alcohol
Concen: 45.175 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

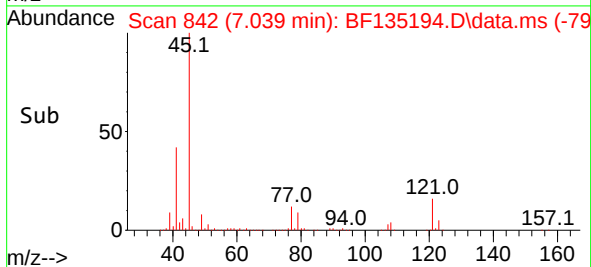
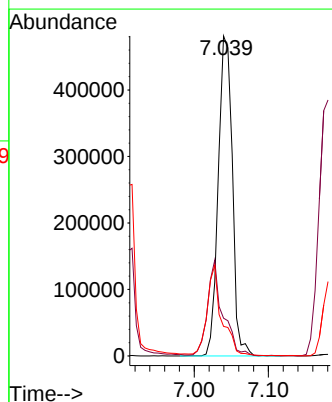
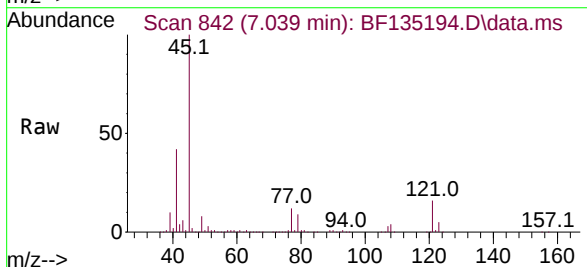
Instrument :
BNA_F
ClientSampleId :

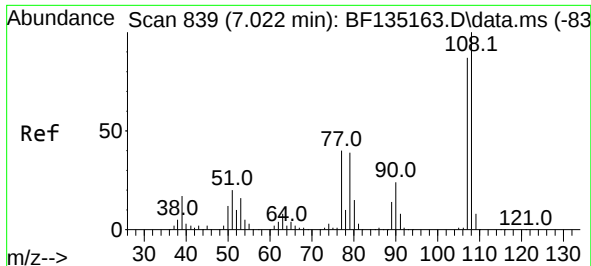
Tgt Ion: 79 Resp: 313201
Ion Ratio Lower Upper
79 100
108 80.2 61.2 91.8
77 62.7 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.401 ng
RT: 7.039 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 45 Resp: 635135
Ion Ratio Lower Upper
45 100
77 11.8 0.0 30.6
79 9.2 0.0 28.3

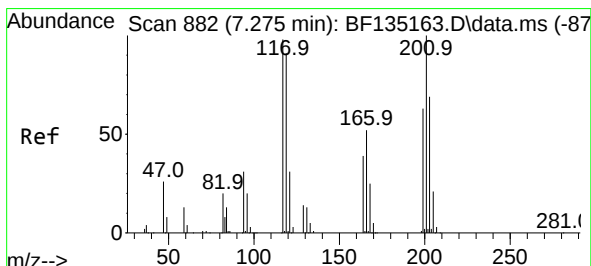
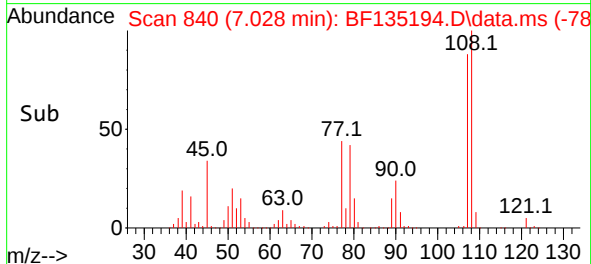
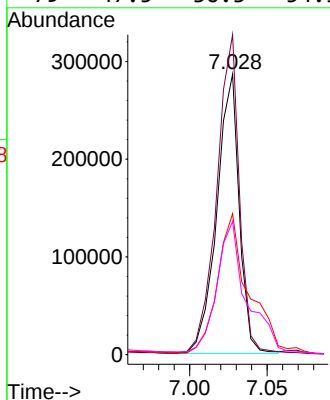
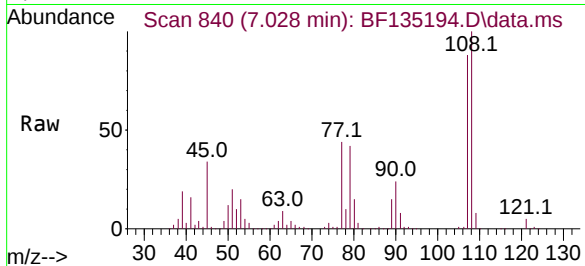




#17
2-Methylphenol
Concen: 40.079 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

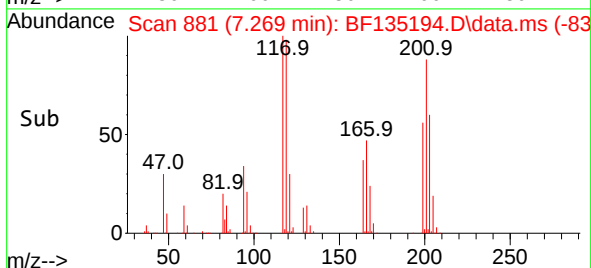
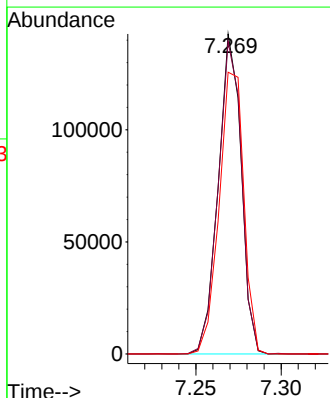
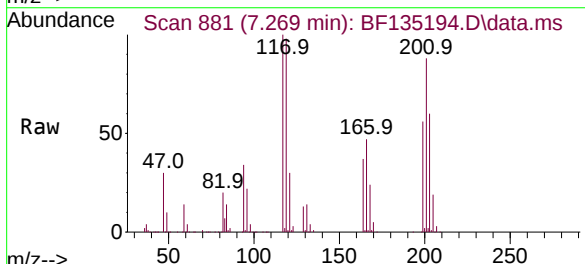
Instrument :
BNA_F
ClientSampleId :

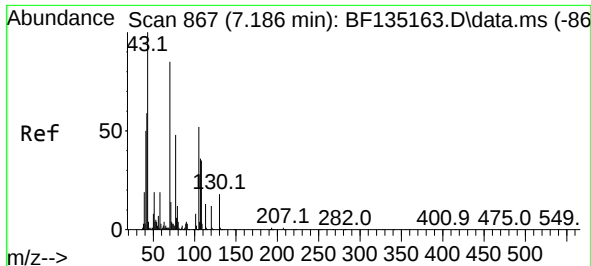
Tgt Ion:107 Resp: 286881
Ion Ratio Lower Upper
107 100
108 114.1 92.0 138.0
77 50.2 36.7 55.1
79 47.5 36.3 54.5



#18
Hexachloroethane
Concen: 43.066 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:117 Resp: 133456
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1
201 88.1 81.8 122.8

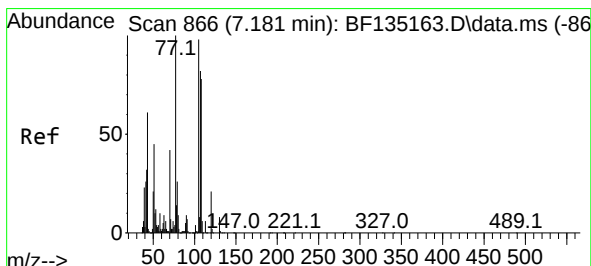
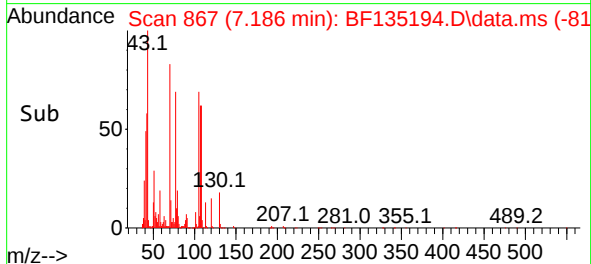
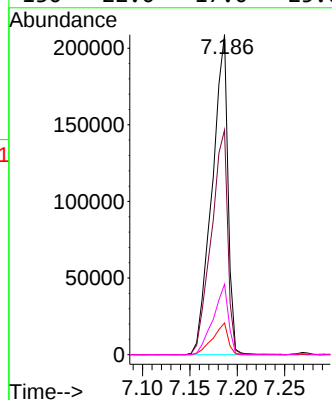
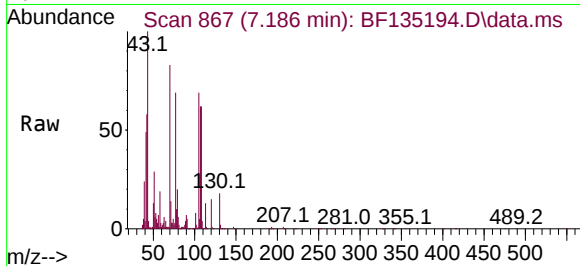




#19
n-Nitroso-di-n-propylamine
Concen: 40.435 ng
RT: 7.186 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

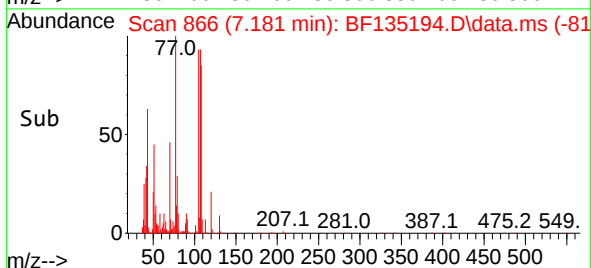
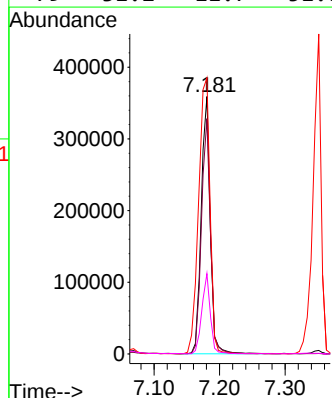
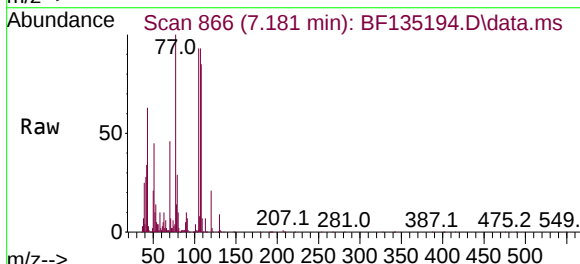
Instrument :
BNA_F
ClientSampleId :

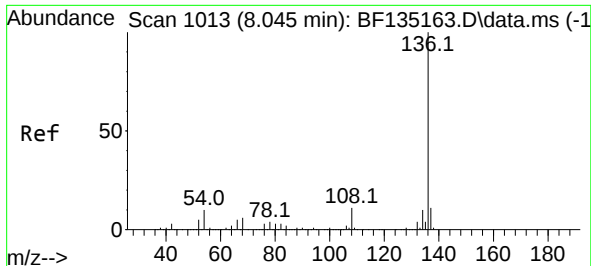
Tgt Ion:	70	Resp:	241981
Ion	Ratio	Lower	Upper
70	100		
42	70.2	55.4	83.0
101	9.9	7.7	11.5
130	22.0	17.0	25.6



#20
3+4-Methylphenols
Concen: 39.932 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

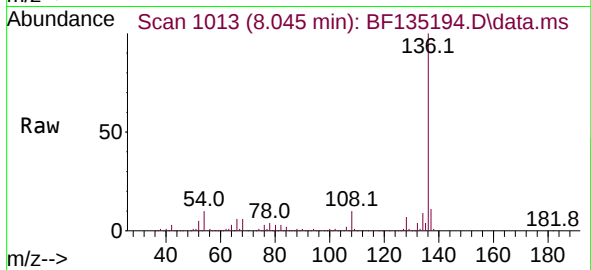
Tgt Ion:	107	Resp:	343698
Ion	Ratio	Lower	Upper
107	100		
108	91.4	74.7	114.7
77	107.2	102.0	142.0
79	31.2	11.7	51.7



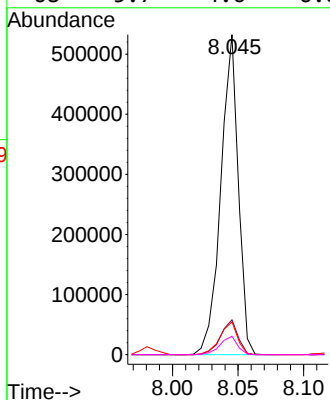
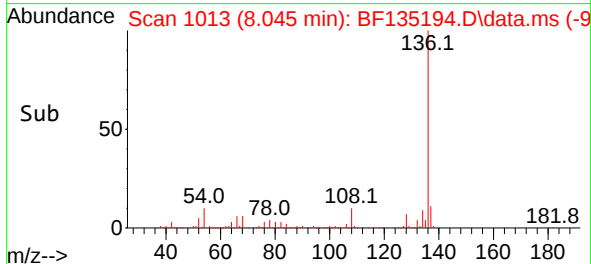


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

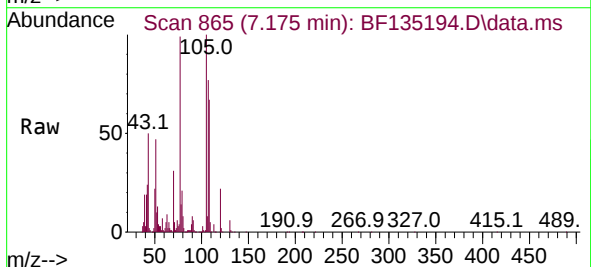
Instrument :
BNA_F
ClientSampleId :



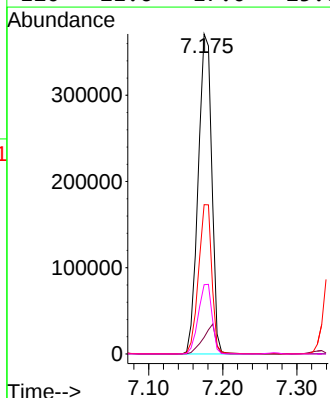
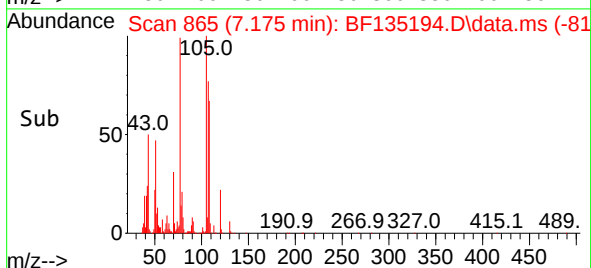
Tgt Ion:	136	Resp:	492639
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.2	7.7	11.5
68	5.7	4.6	6.8



#22
Acetophenone
Concen: 41.870 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:	105	Resp:	471581
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.8	8.6#
51	46.6	37.0	55.4
120	21.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 63.419 ng

RT: 7.334 min Scan# 892

Delta R.T. 0.000 min

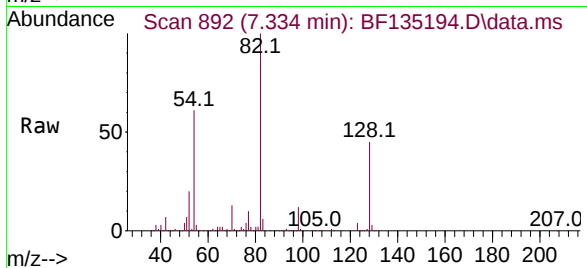
Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :



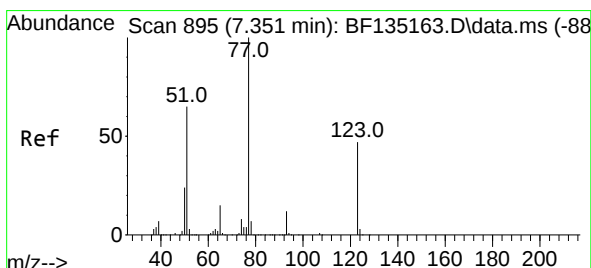
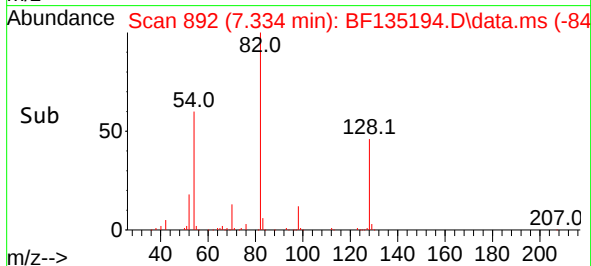
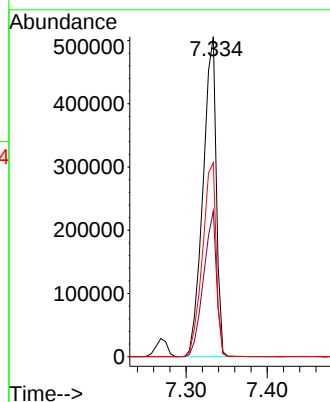
Tgt Ion: 82 Resp: 575056

Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 60.6 50.6 76.0



#24

Nitrobenzene

Concen: 42.493 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

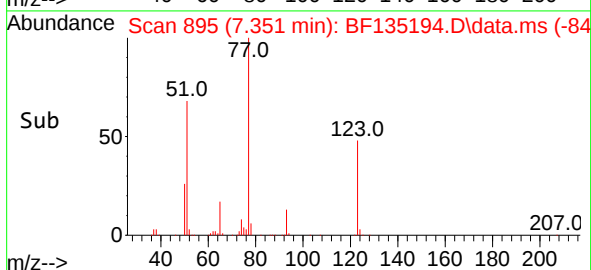
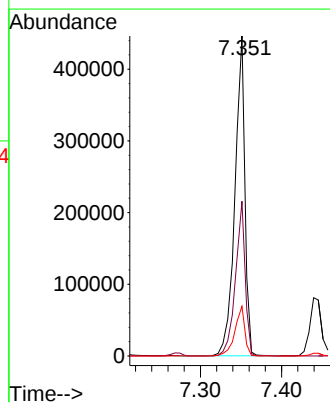
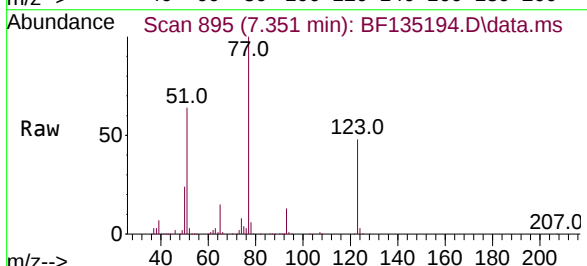
Tgt Ion: 77 Resp: 380843

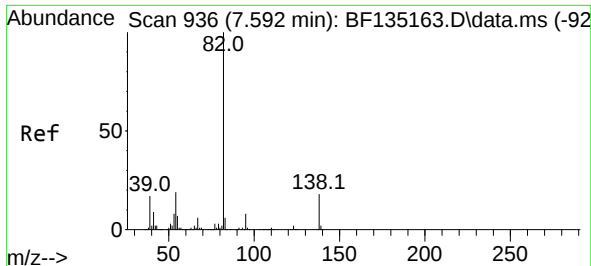
Ion Ratio Lower Upper

77 100

123 48.4 37.6 56.4

65 15.5 12.2 18.4

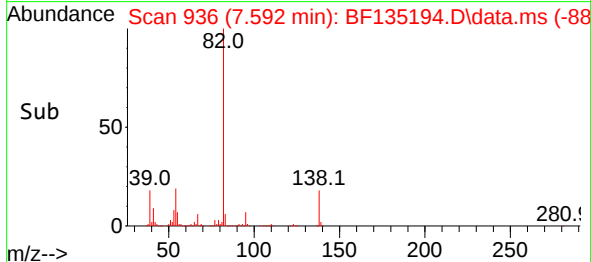
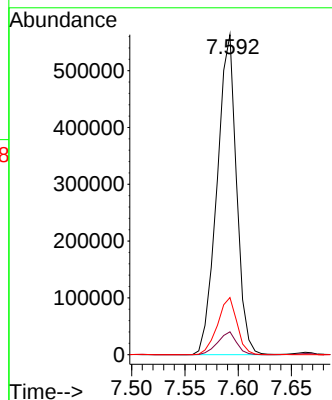
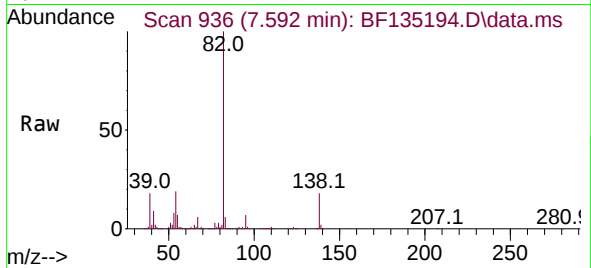




#25
Isophorone
Concen: 43.021 ng
RT: 7.592 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

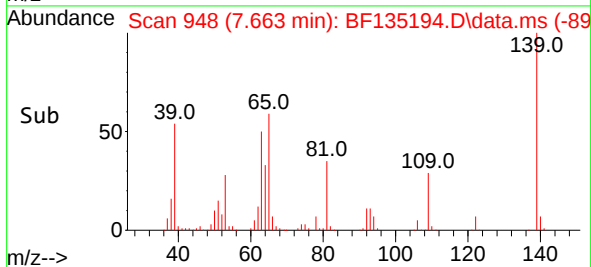
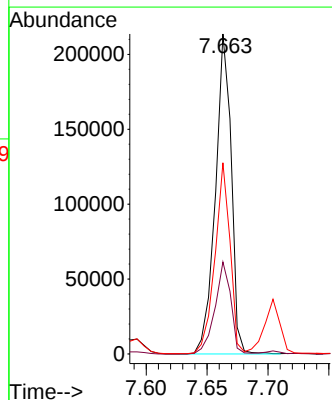
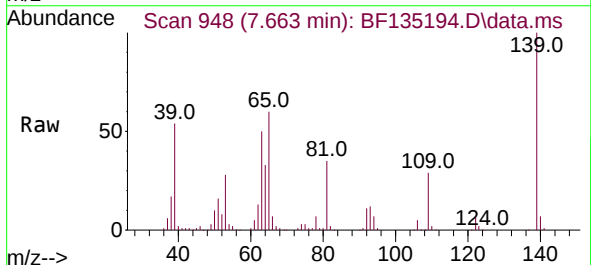
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 716315
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 45.094 ng
RT: 7.663 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 139 Resp: 193971
Ion Ratio Lower Upper
139 100
109 28.8 22.6 33.8
65 59.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.284 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

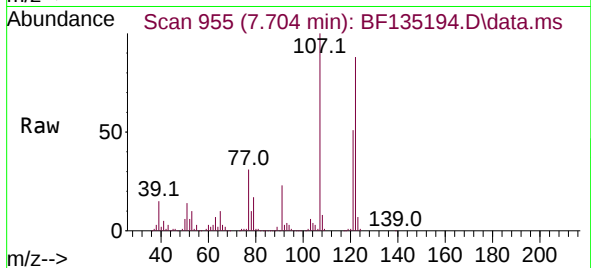
Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :



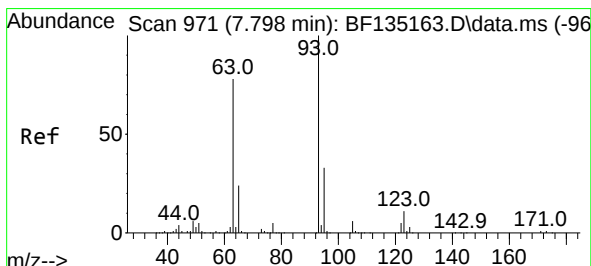
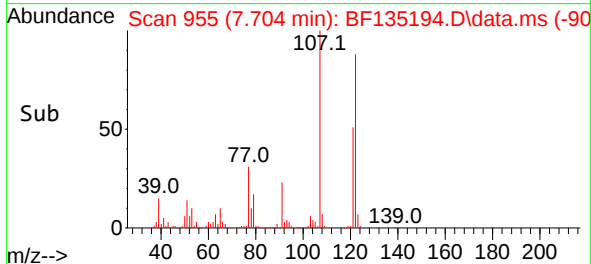
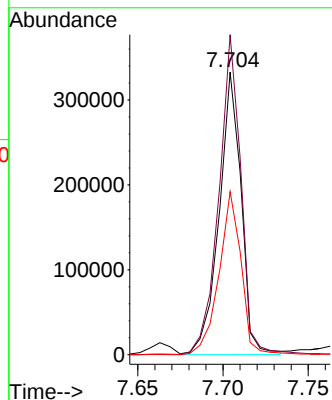
Tgt Ion:122 Resp: 298498

Ion Ratio Lower Upper

122 100

107 113.3 90.2 135.4

121 57.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.712 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

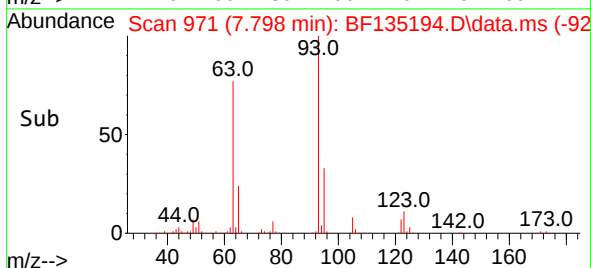
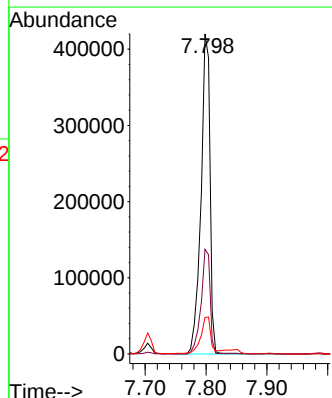
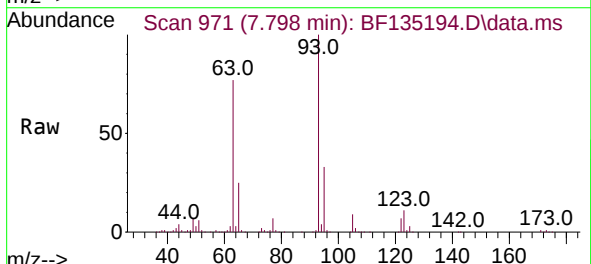
Tgt Ion: 93 Resp: 435624

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.571 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

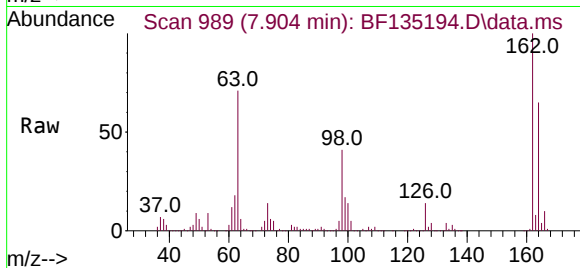
Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :



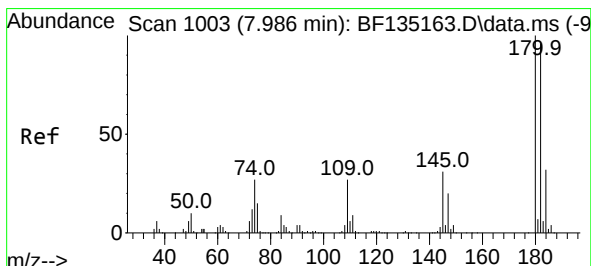
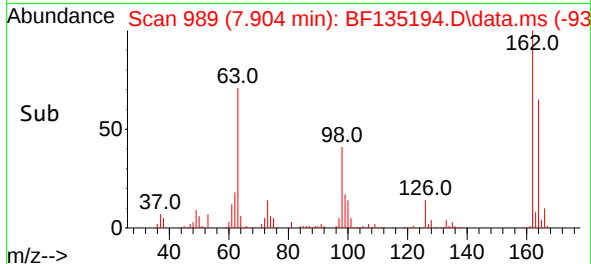
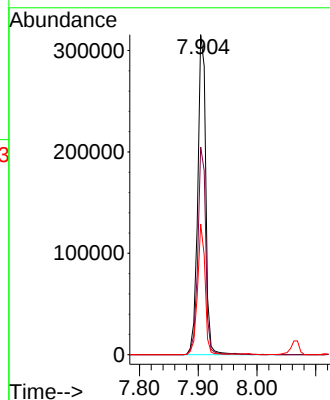
Tgt Ion:162 Resp: 298613

Ion Ratio Lower Upper

162 100

164 64.9 44.1 84.1

98 40.9 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 43.996 ng

RT: 7.986 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

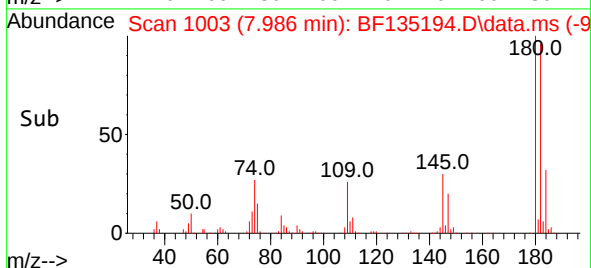
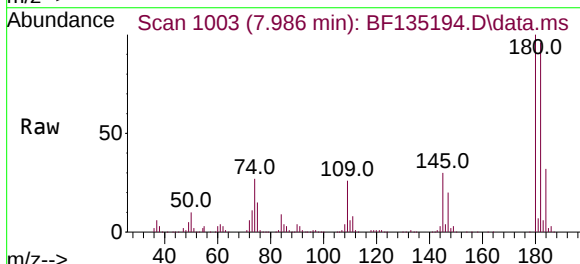
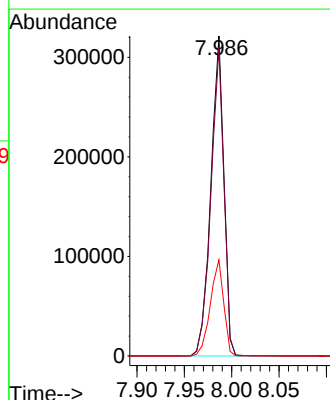
Tgt Ion:180 Resp: 308088

Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

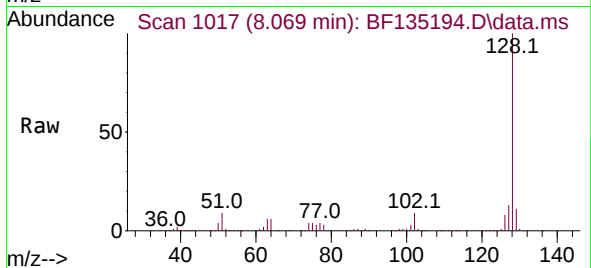
145 30.0 24.5 36.7



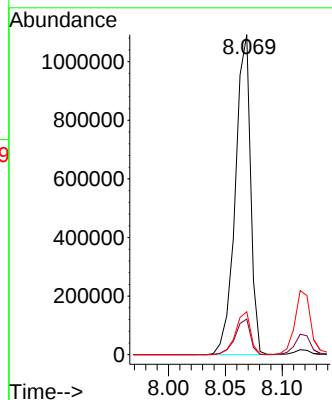
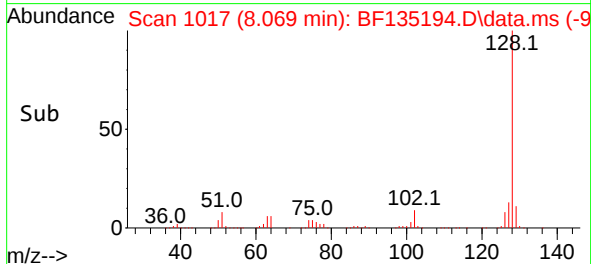


#31
Naphthalene
Concen: 42.526 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :

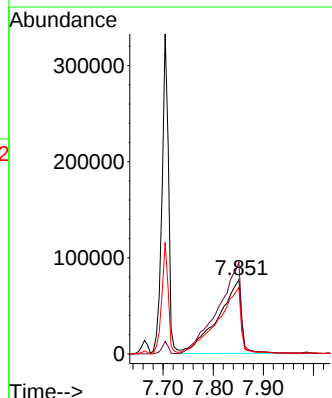
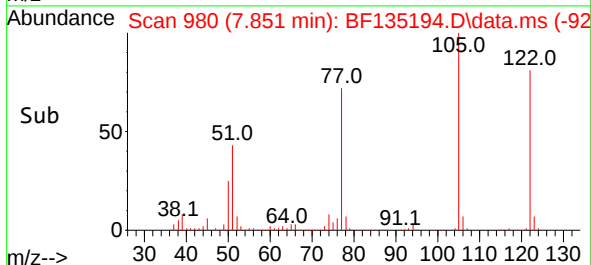
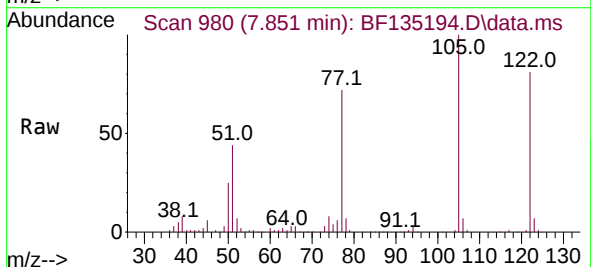


Tgt Ion:128 Resp: 1017885
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 45.891 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.018 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:122 Resp: 249851
Ion Ratio Lower Upper
122 100
105 123.5 99.9 139.9
77 89.5 70.0 110.0





#33

4-Chloroaniline

Concen: 21.162 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 222241

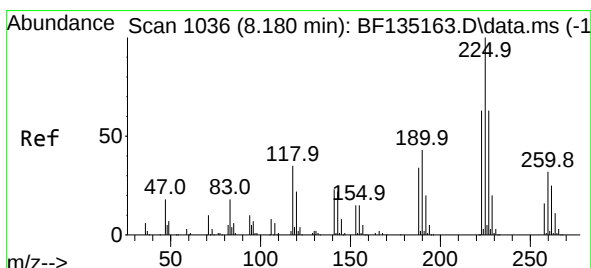
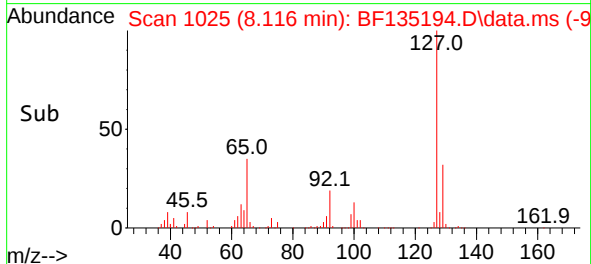
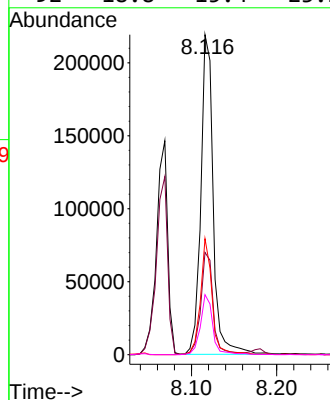
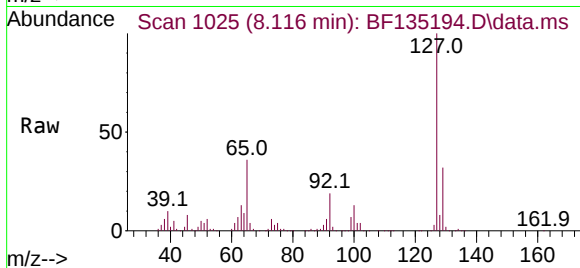
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.8

65 36.2 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 42.996 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

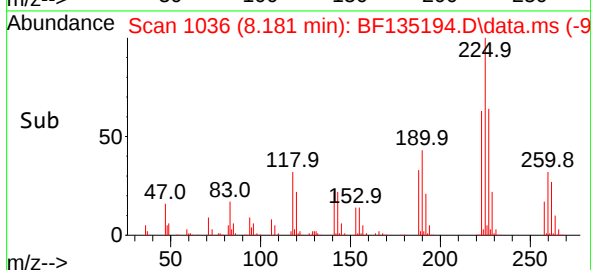
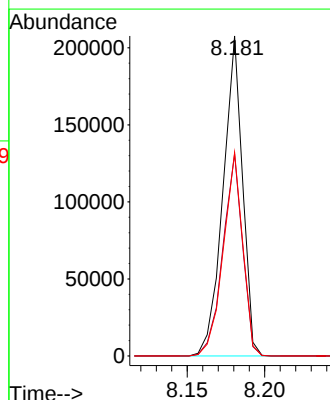
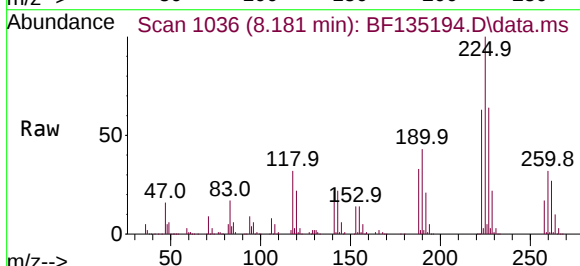
Tgt Ion:225 Resp: 181549

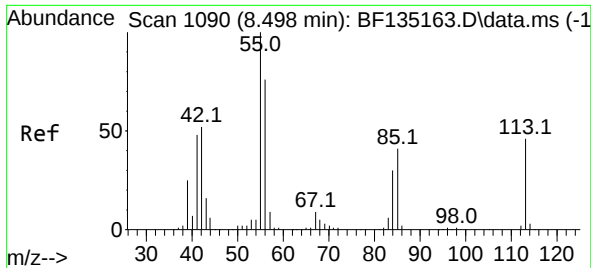
Ion Ratio Lower Upper

225 100

223 63.1 50.6 75.8

227 63.6 50.8 76.2

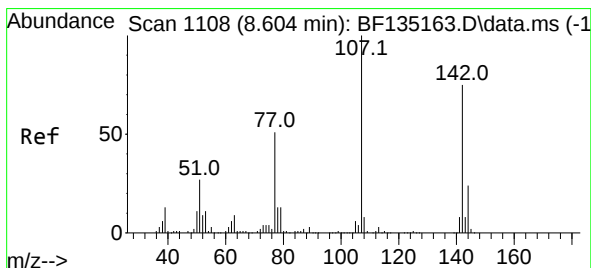
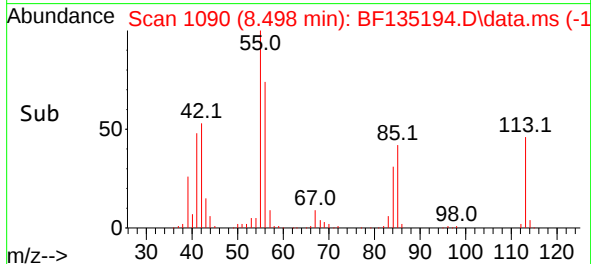
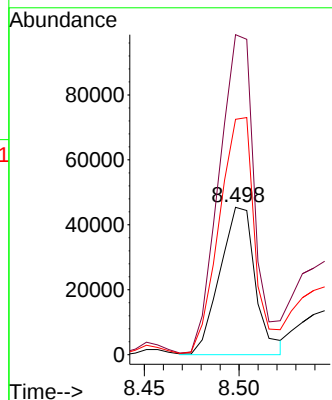
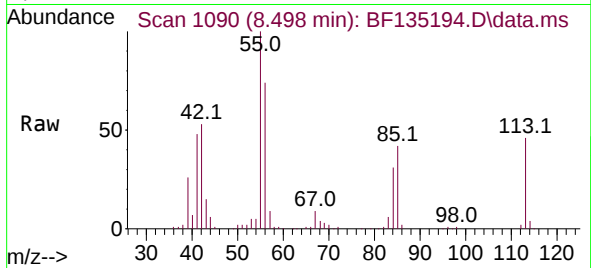




#35
 Caprolactam
 Concen: 26.413 ng
 RT: 8.498 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

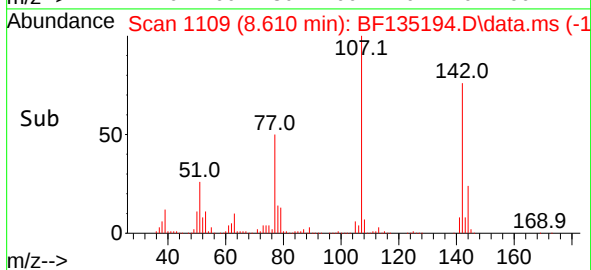
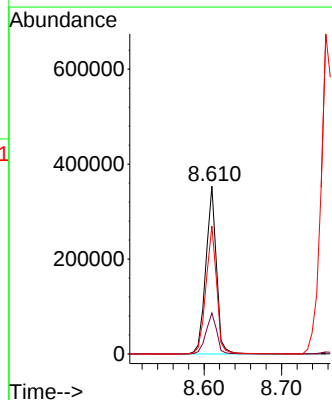
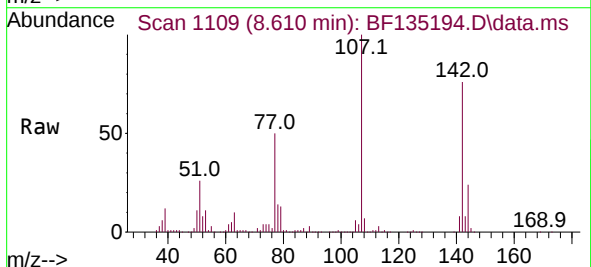
Instrument :
 BNA_F
 ClientSampleId :

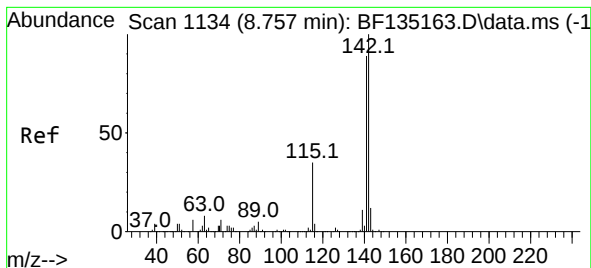
Tgt Ion:113 Resp: 59391
 Ion Ratio Lower Upper
 113 100
 55 217.1 199.3 239.3
 56 159.6 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.029 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Tgt Ion:107 Resp: 335296
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.0 28.4
 142 76.2 60.2 90.2

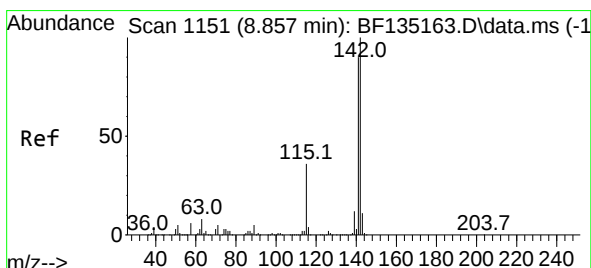
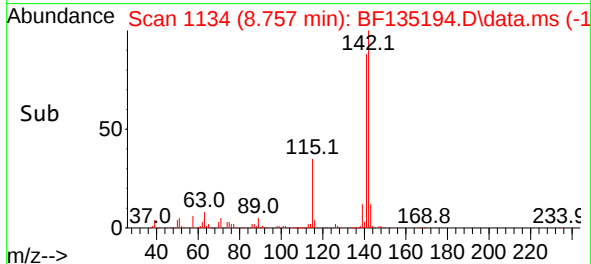
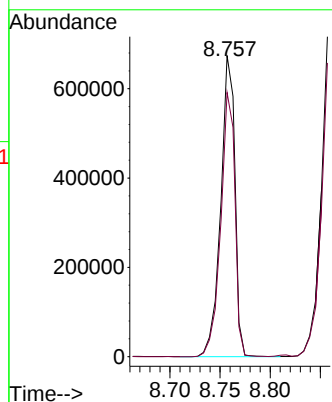
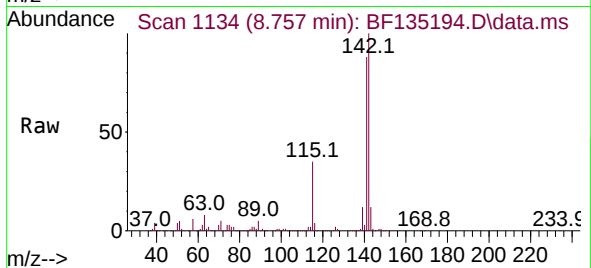




#37
2-Methylnaphthalene
Concen: 41.011 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

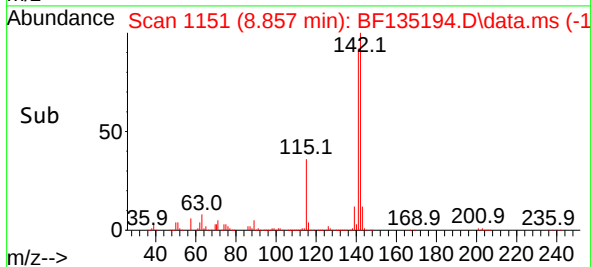
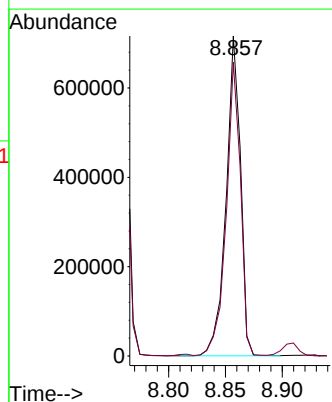
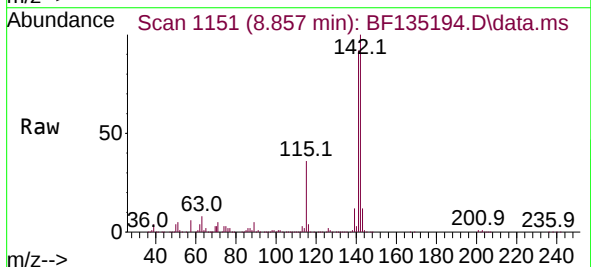
Instrument :
BNA_F
ClientSampleId :

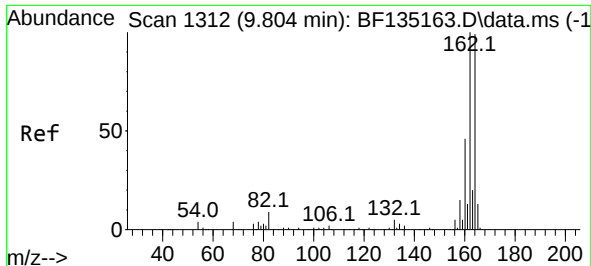
Tgt Ion:142 Resp: 659845
Ion Ratio Lower Upper
142 100
141 87.7 71.0 106.6



#38
1-Methylnaphthalene
Concen: 41.925 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:142 Resp: 631546
Ion Ratio Lower Upper
142 100
141 91.8 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: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

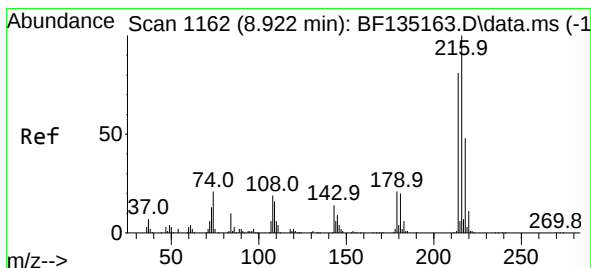
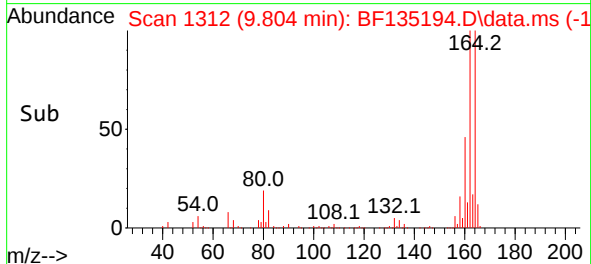
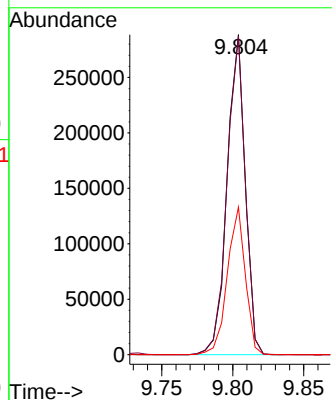
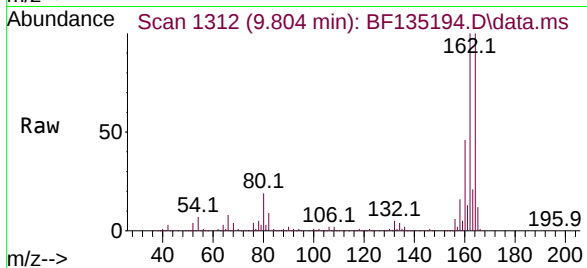
Tgt Ion:164 Resp: 255855

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 46.1 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.482 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Tgt Ion:216 Resp: 314888

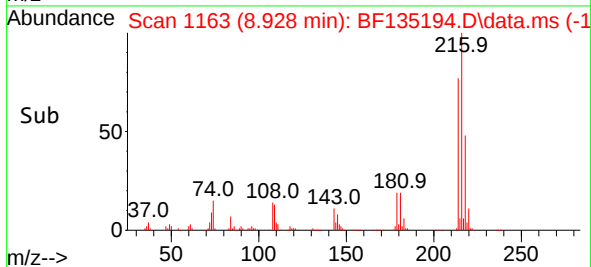
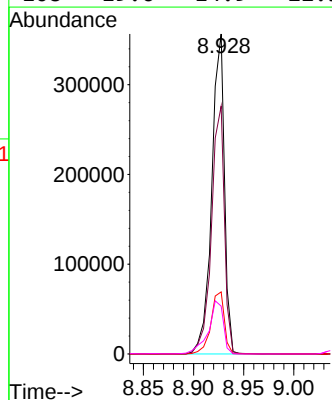
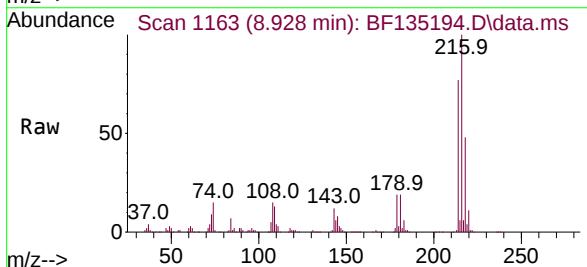
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 20.5 16.7 25.1

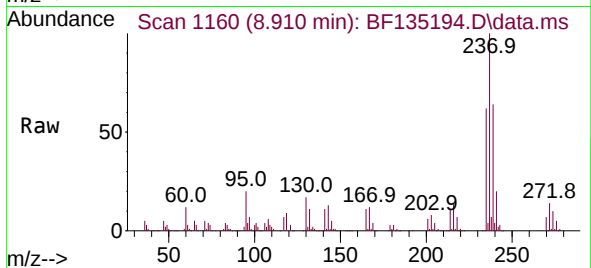
108 19.6 14.9 22.3



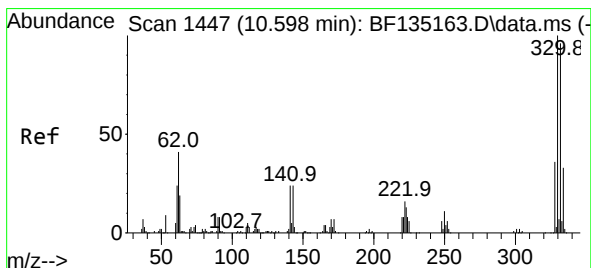
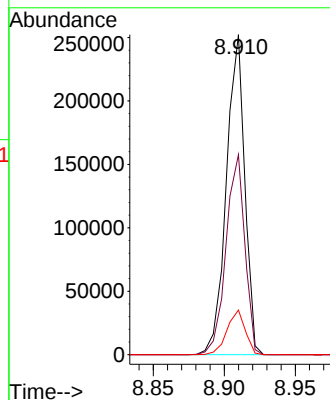
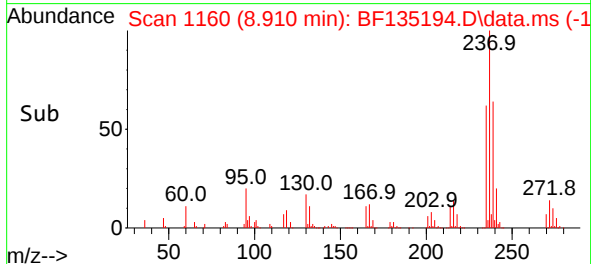


#41
Hexachlorocyclopentadiene
Concen: 70.381 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

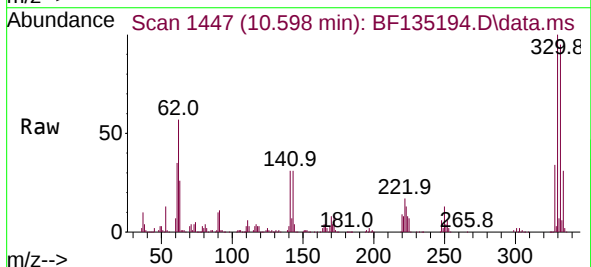
Instrument :
BNA_F
ClientSampleId :



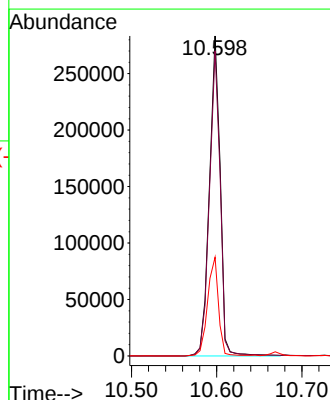
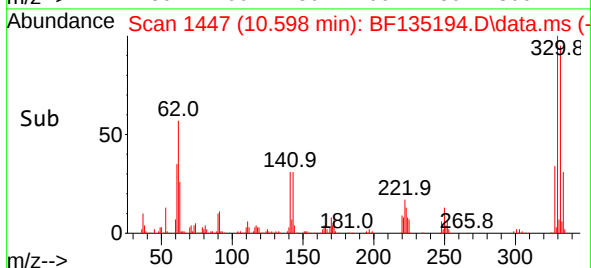
Tgt Ion:237 Resp: 226675
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 14.0 0.0 33.6

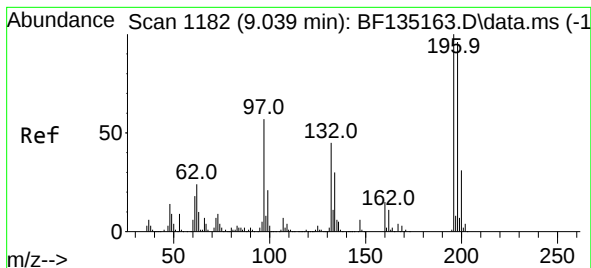


#42
2,4,6-Tribromophenol
Concen: 97.951 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:330 Resp: 249049
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 31.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 44.547 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

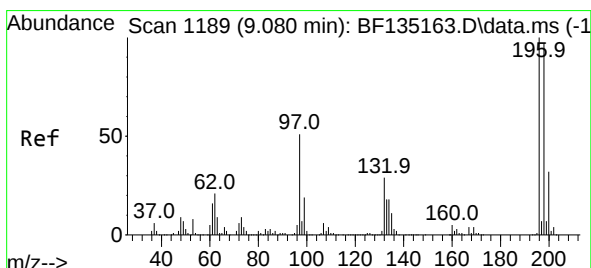
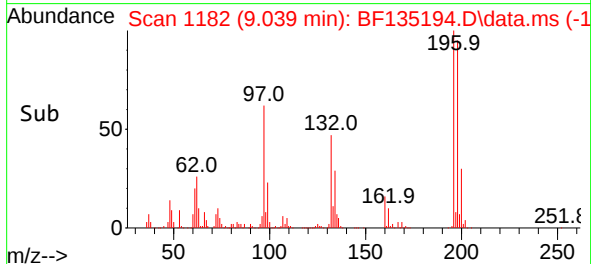
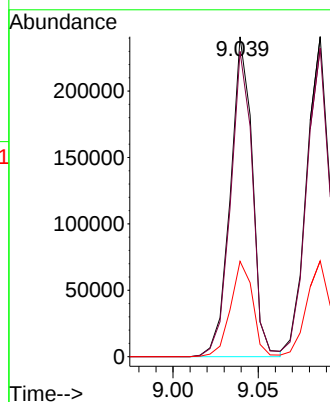
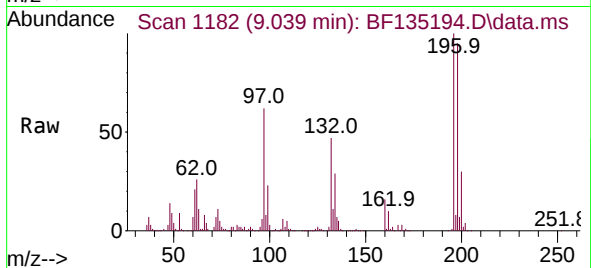
Tgt Ion:196 Resp: 216193

Ion Ratio Lower Upper

196 100

198 95.4 77.0 115.6

200 29.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.501 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Tgt Ion:196 Resp: 231949

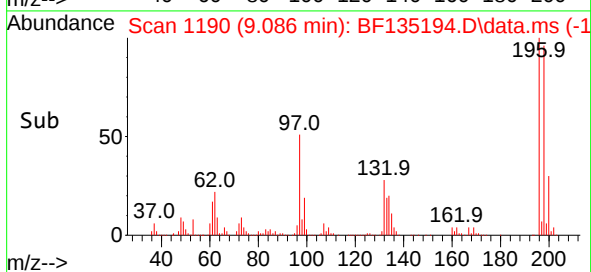
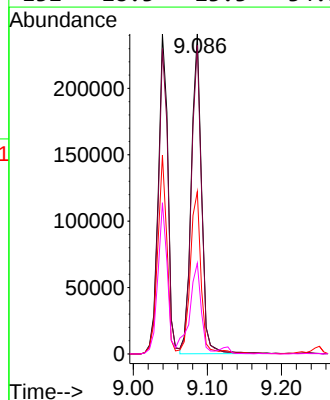
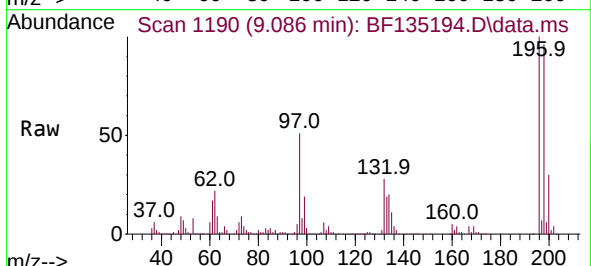
Ion Ratio Lower Upper

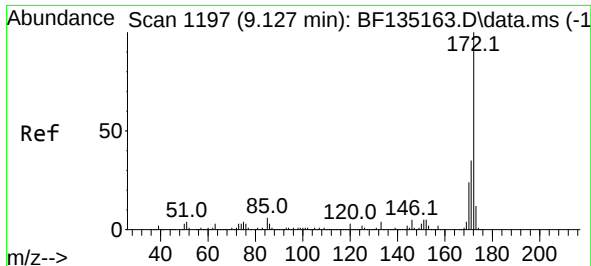
196 100

198 96.4 77.5 116.3

97 50.7 40.5 60.7

132 28.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 62.258 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

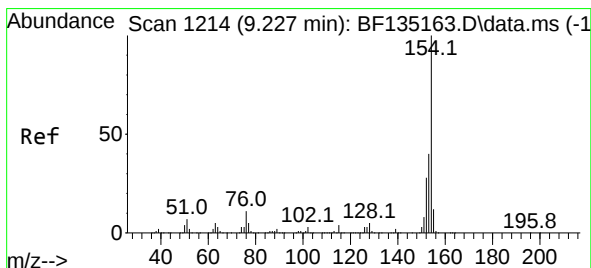
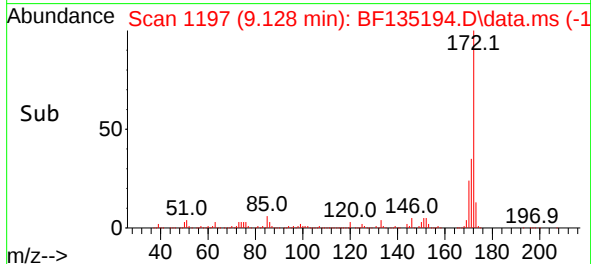
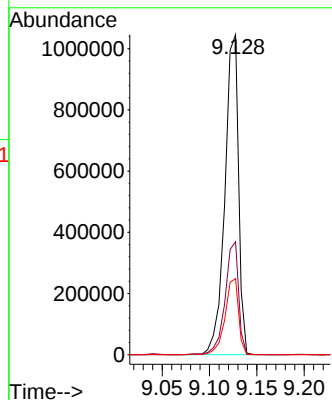
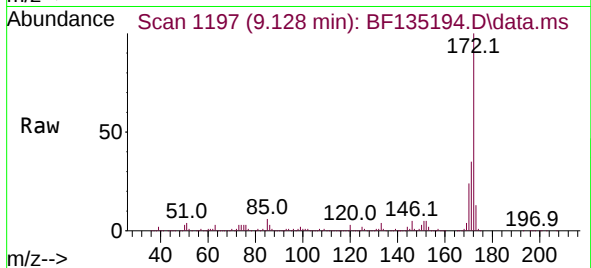
Tgt Ion:172 Resp: 1055794

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 42.389 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

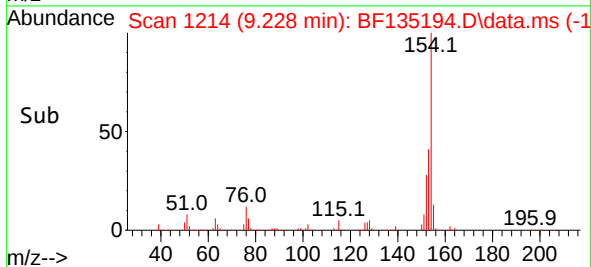
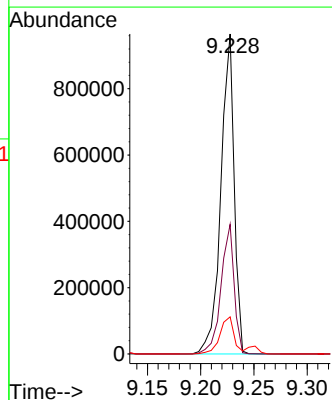
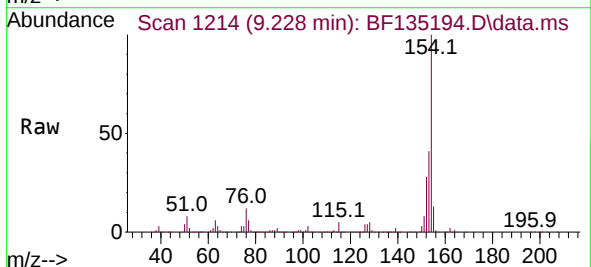
Tgt Ion:154 Resp: 833448

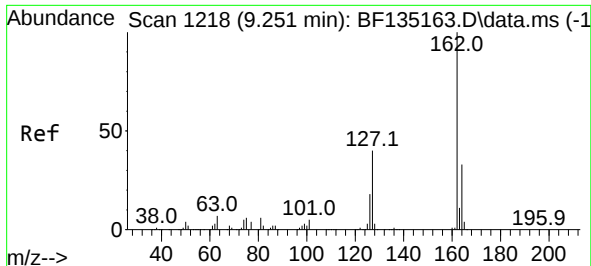
Ion Ratio Lower Upper

154 100

153 40.5 19.6 59.6

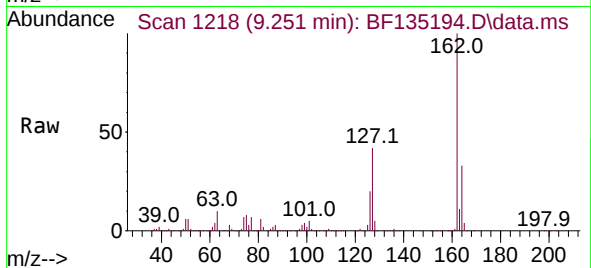
76 11.6 0.0 31.0



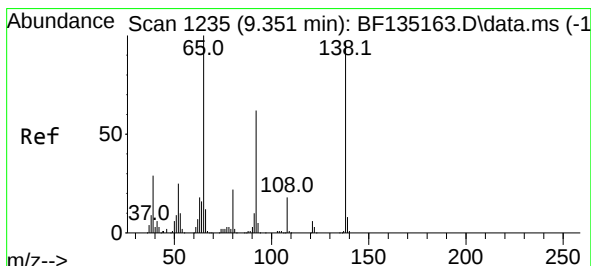
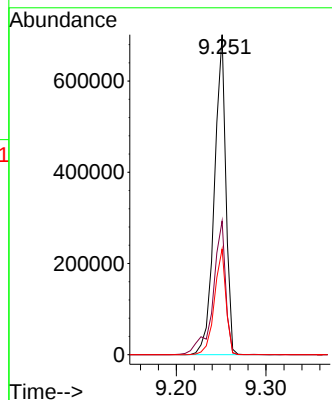
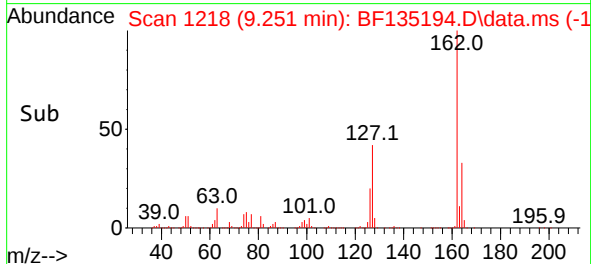


#47
2-Chloronaphthalene
Concen: 43.539 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :

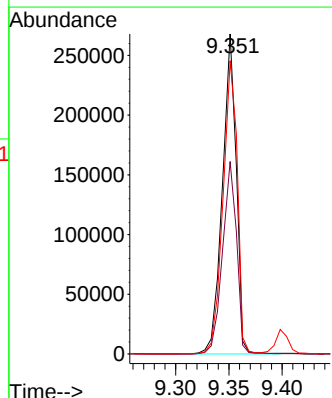
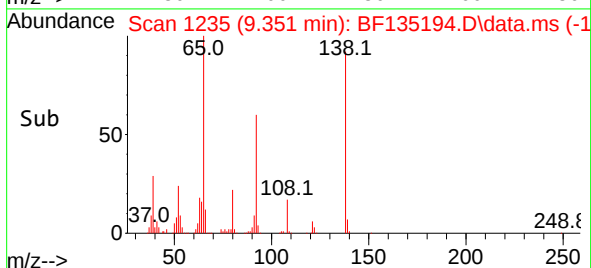
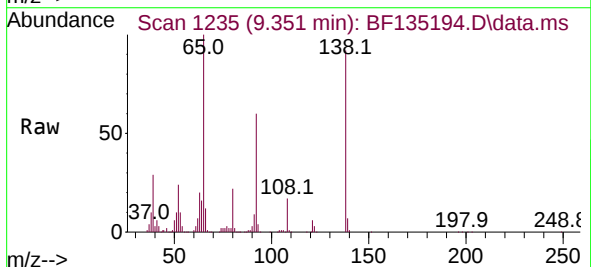


Tgt Ion:162 Resp: 621128
Ion Ratio Lower Upper
162 100
127 41.8 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 43.547 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion: 65 Resp: 241349
Ion Ratio Lower Upper
65 100
92 60.1 49.4 74.0
138 91.6 77.4 116.0

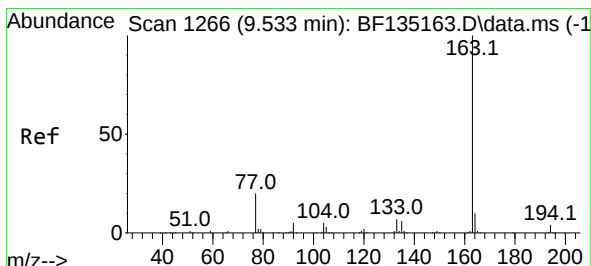
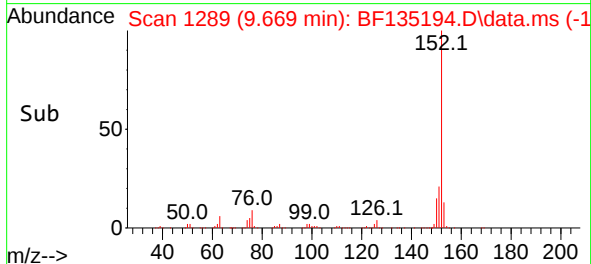
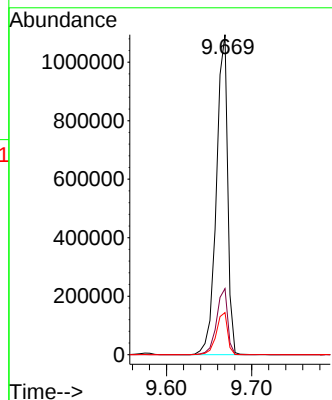
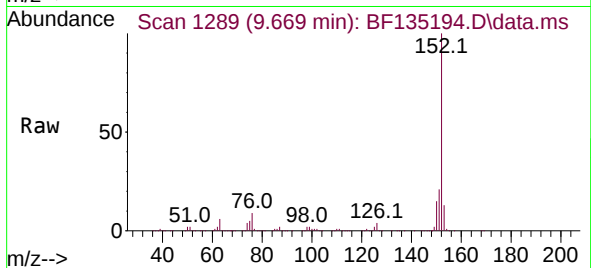




#49
Acenaphthylene
Concen: 42.698 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

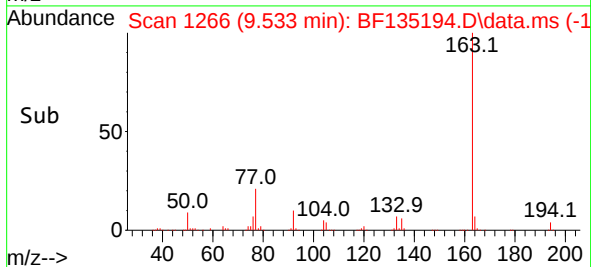
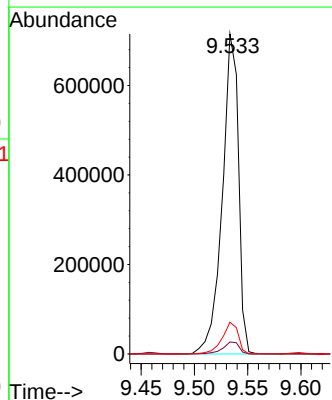
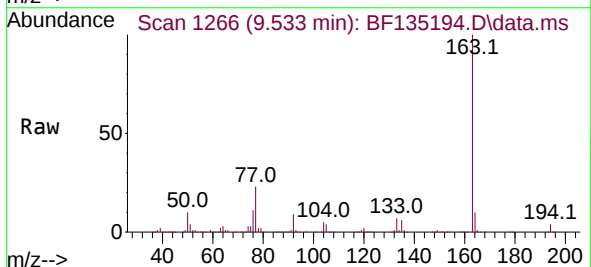
Instrument :
BNA_F
ClientSampleId :

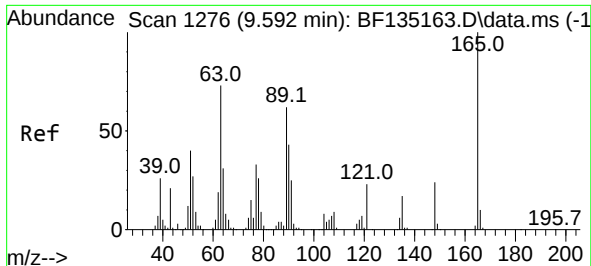
Tgt Ion:152 Resp: 1012329
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 43.494 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:163 Resp: 752370
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.1 12.1

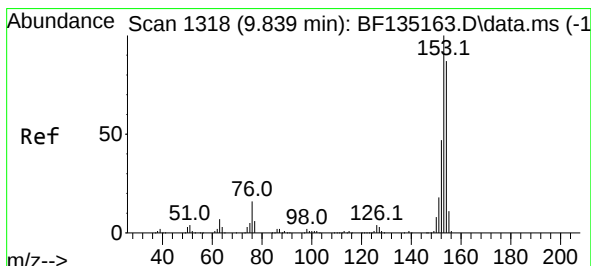
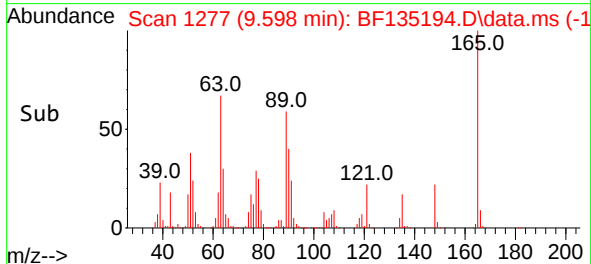
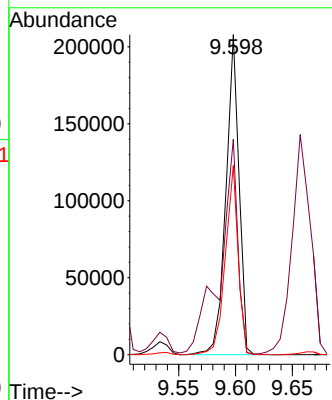
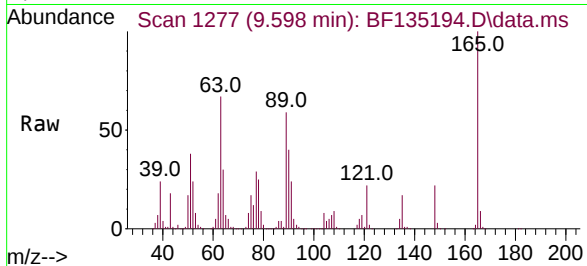




#51
2,6-Dinitrotoluene
Concen: 44.137 ng
RT: 9.598 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

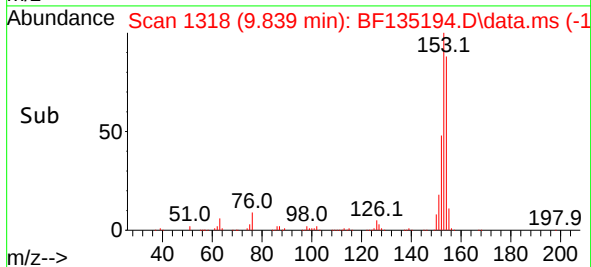
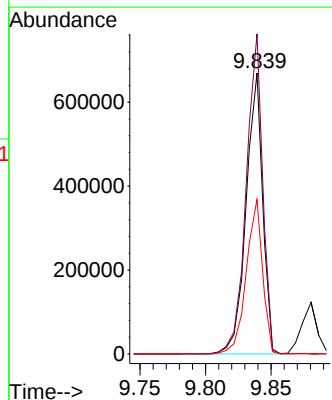
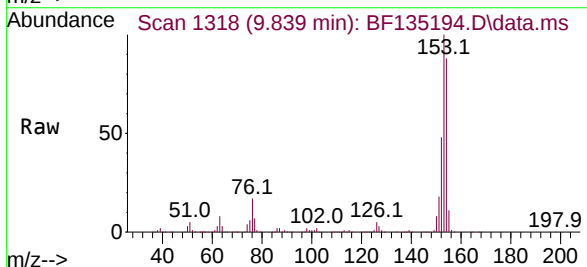
Instrument :
BNA_F
ClientSampleId :

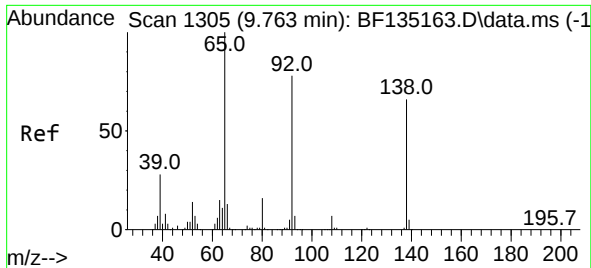
Tgt Ion:165 Resp: 167258
Ion Ratio Lower Upper
165 100
63 67.4 59.4 89.2
89 59.1 49.8 74.8



#52
Acenaphthene
Concen: 42.183 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:154 Resp: 590817
Ion Ratio Lower Upper
154 100
153 113.9 92.1 138.1
152 55.0 43.1 64.7

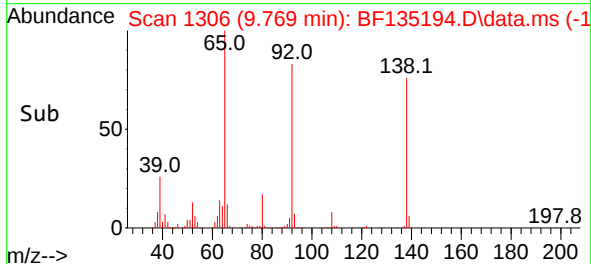
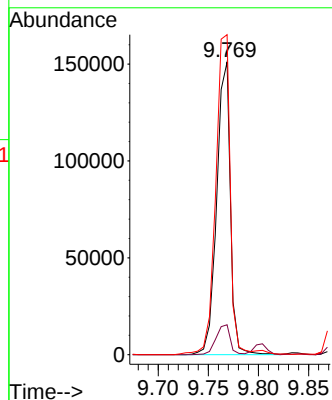
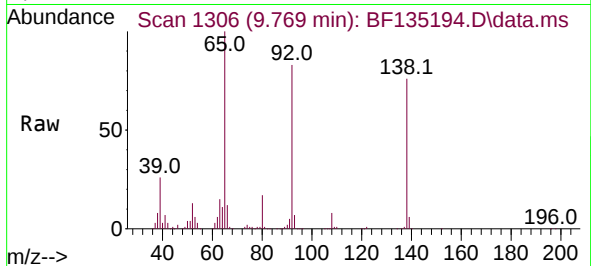




#53
3-Nitroaniline
Concen: 32.202 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

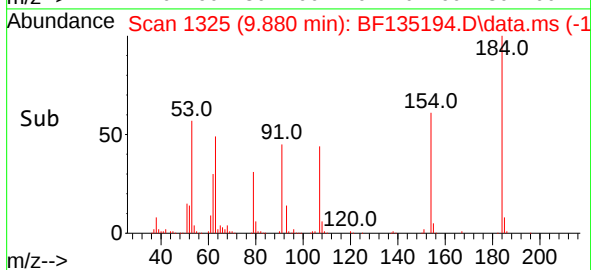
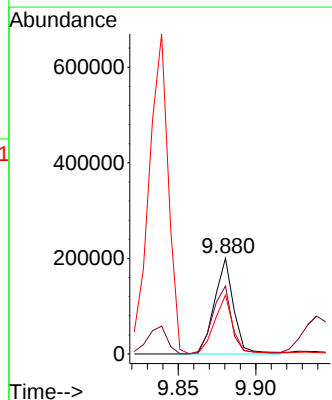
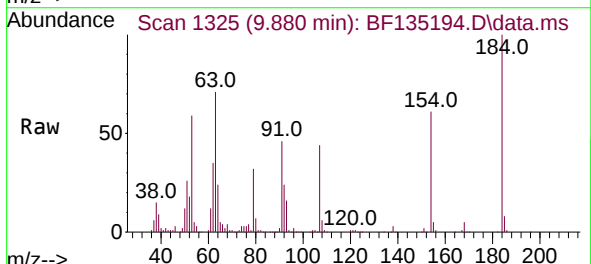
Instrument :
BNA_F
ClientSampleId :

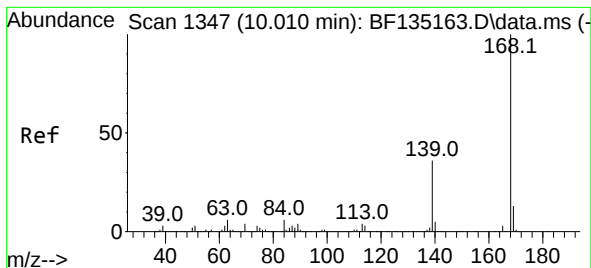
Tgt Ion:138 Resp: 143241
Ion Ratio Lower Upper
138 100
108 10.2 8.5 12.7
92 109.4 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 80.342 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:184 Resp: 172901
Ion Ratio Lower Upper
184 100
63 70.8 55.1 82.7
154 61.5 48.4 72.6





#55

Dibenzofuran

Concen: 41.270 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

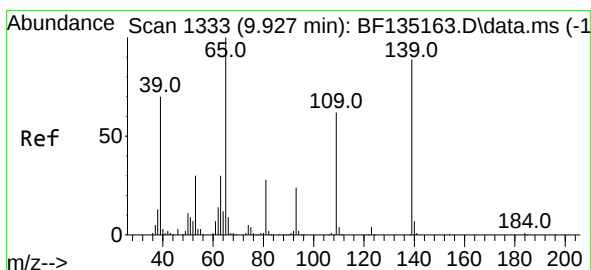
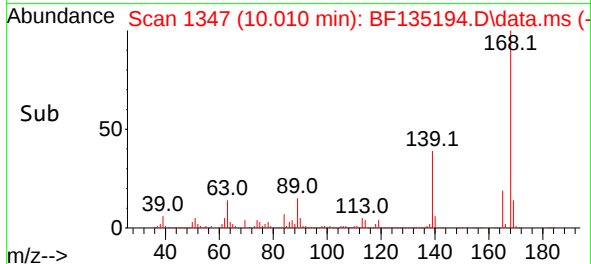
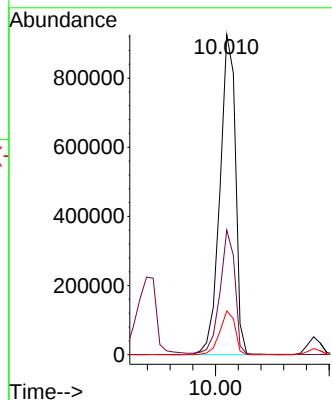
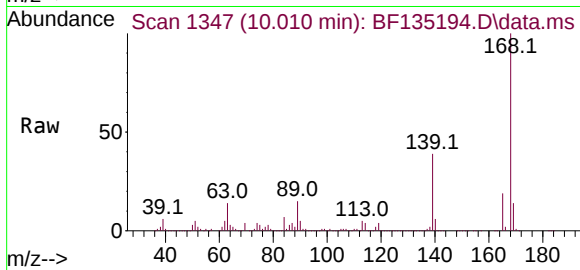
Tgt Ion:168 Resp: 882050

Ion Ratio Lower Upper

168 100

139 38.9 29.0 43.6

169 13.7 10.4 15.6



#56

4-Nitrophenol

Concen: 94.819 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

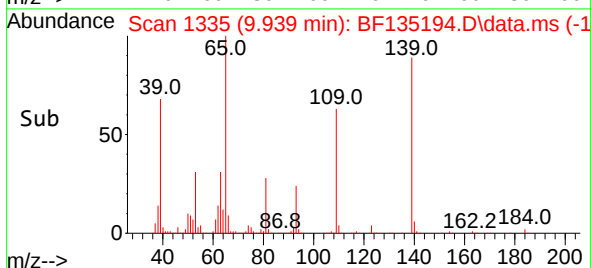
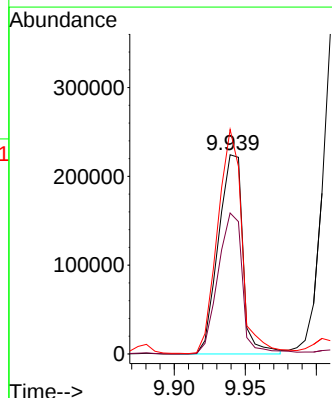
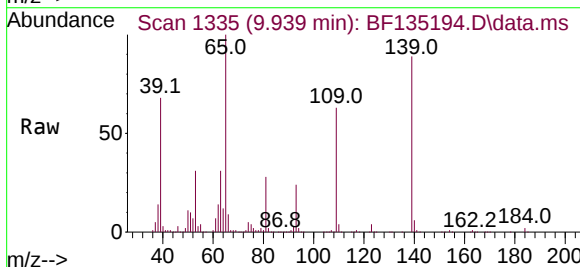
Tgt Ion:139 Resp: 268061

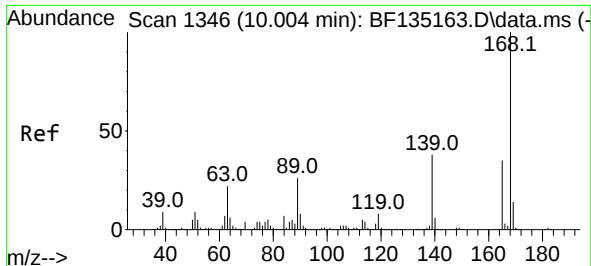
Ion Ratio Lower Upper

139 100

109 70.8 49.8 89.8

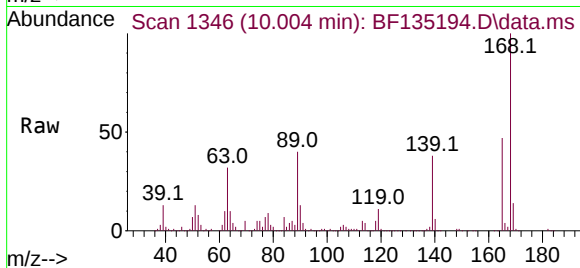
65 112.7 92.7 132.7



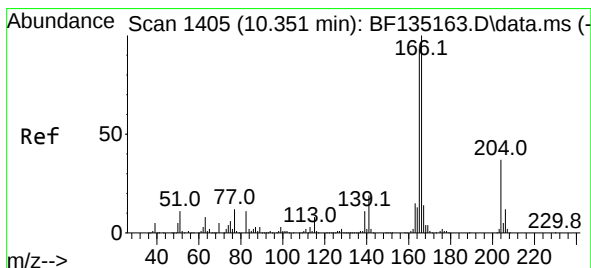
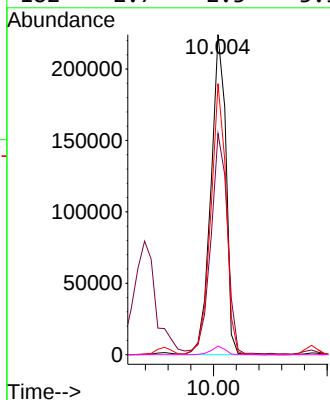
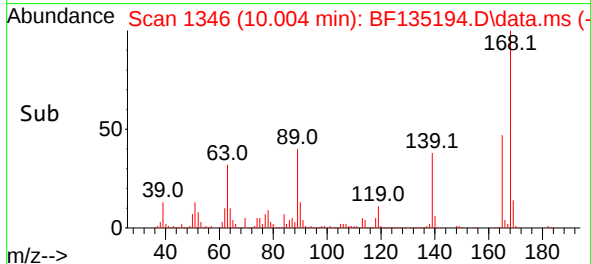


#57
2,4-Dinitrotoluene
Concen: 43.426 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

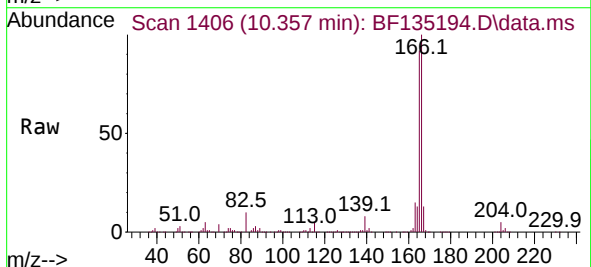
Instrument :
BNA_F
ClientSampleId :



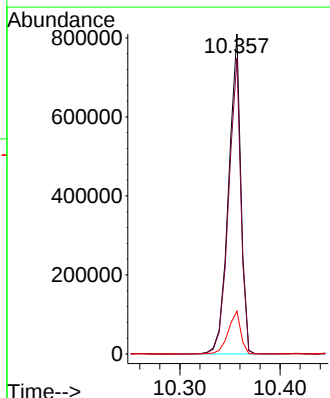
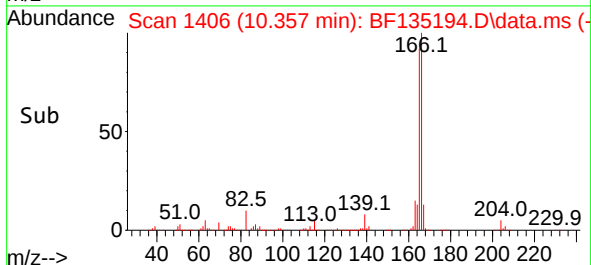
Tgt Ion:165 Resp: 206018
Ion Ratio Lower Upper
165 100
63 69.1 50.1 75.1
89 84.7 59.3 88.9
182 2.7 2.3 3.5

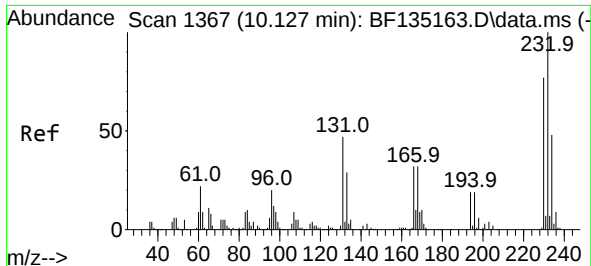


#58
Fluorene
Concen: 41.751 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



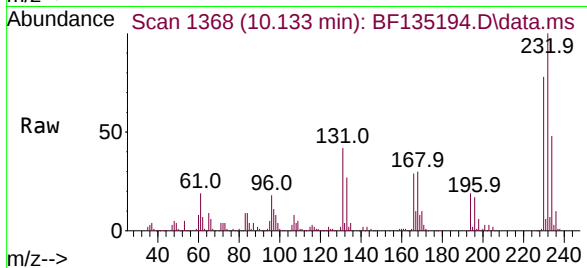
Tgt Ion:166 Resp: 685993
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.4 10.9 16.3



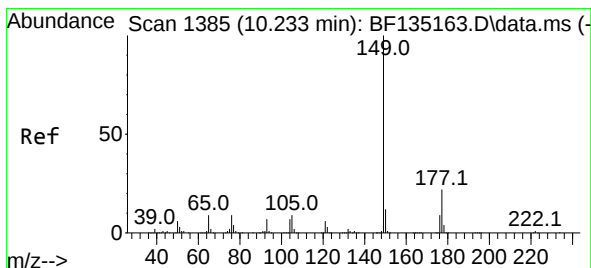
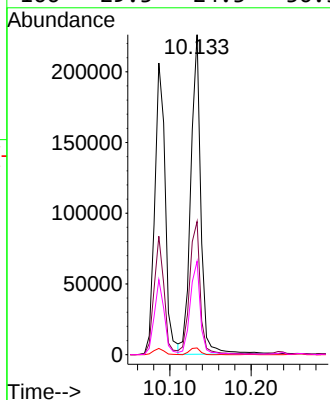
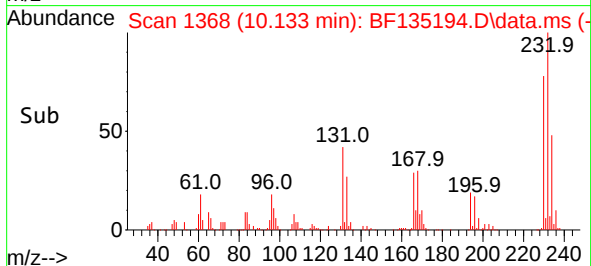


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.378 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

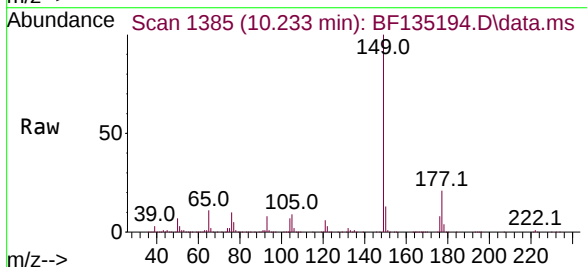
Instrument :
BNA_F
ClientSampleId :



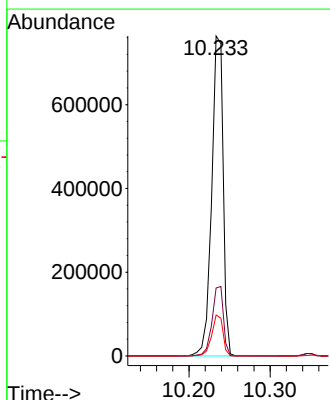
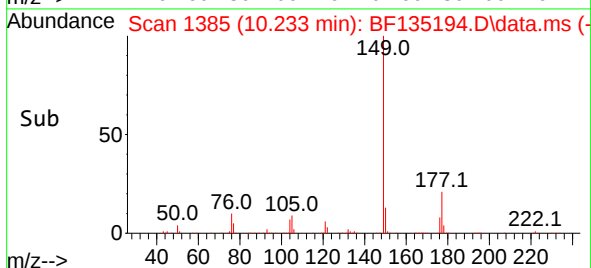
Tgt Ion:232 Resp: 195092
Ion Ratio Lower Upper
232 100
131 43.8 35.4 53.2
130 2.2 1.8 2.8
166 29.3 24.3 36.5

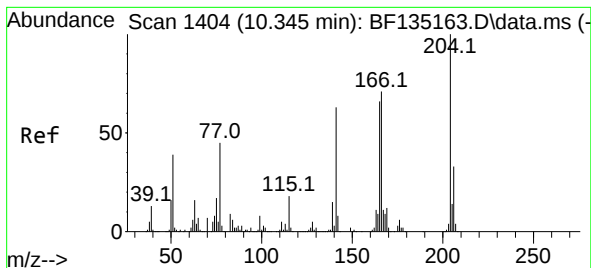


#60
Diethylphthalate
Concen: 42.990 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04



Tgt Ion:149 Resp: 746325
Ion Ratio Lower Upper
149 100
177 21.2 17.8 26.6
150 12.8 10.0 15.0

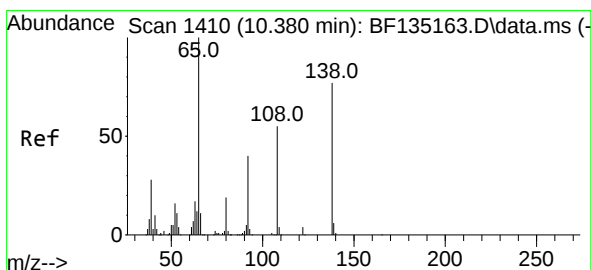
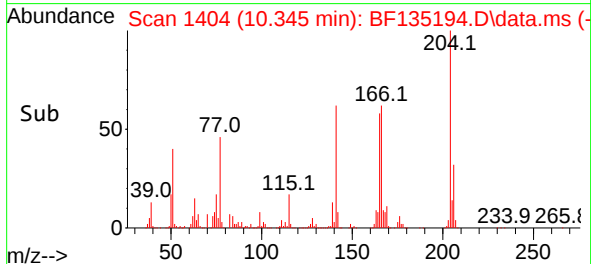
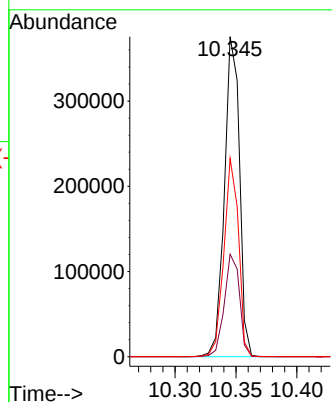
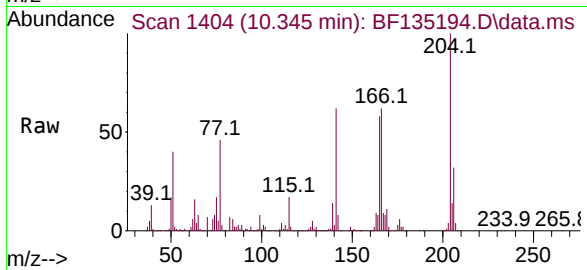




#61
4-Chlorophenyl-phenylether
Concen: 41.093 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

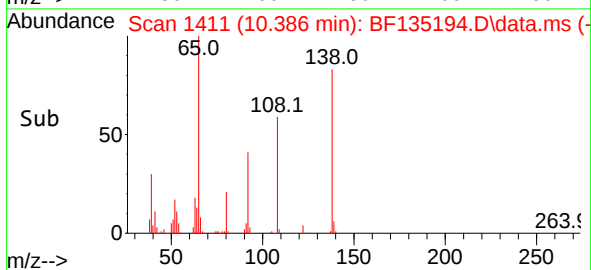
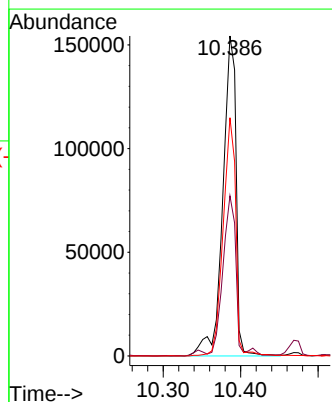
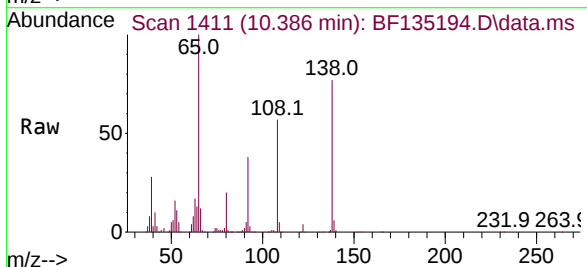
Instrument :
BNA_F
ClientSampleId :

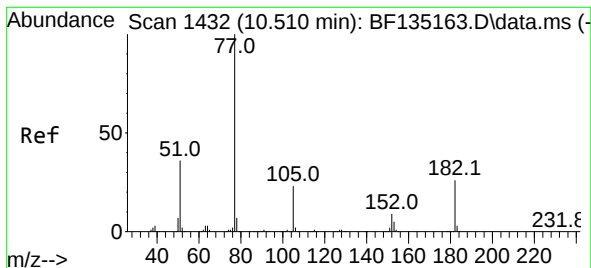
Tgt Ion:204 Resp: 324338
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 62.0 50.6 75.8



#62
4-Nitroaniline
Concen: 43.258 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:138 Resp: 184963
Ion Ratio Lower Upper
138 100
92 50.1 31.8 71.8
108 74.4 52.0 92.0





#63

Azobenzene

Concen: 42.154 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

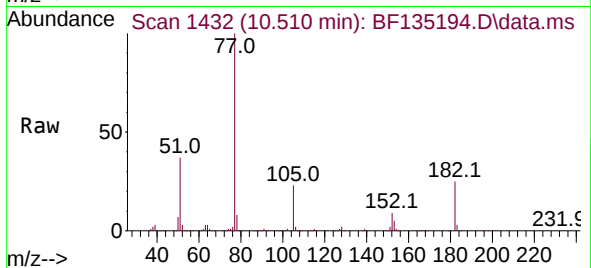
Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 716224

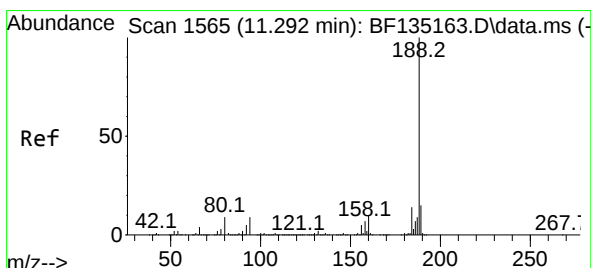
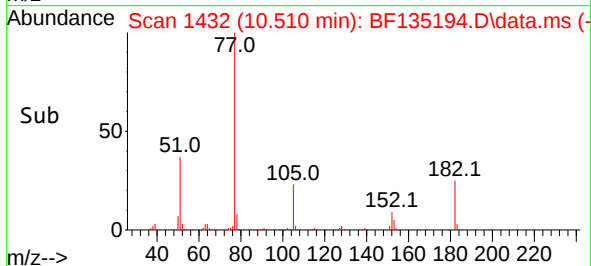
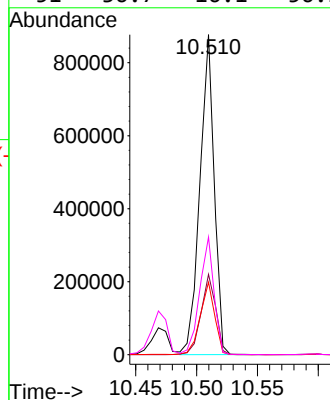
Ion Ratio Lower Upper

77 100

182 25.1 6.4 46.4

105 22.7 3.1 43.1

51 36.7 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: BF135194.D

Acq: 12 Sep 2023 22:04

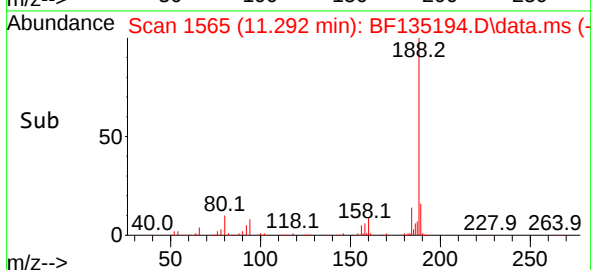
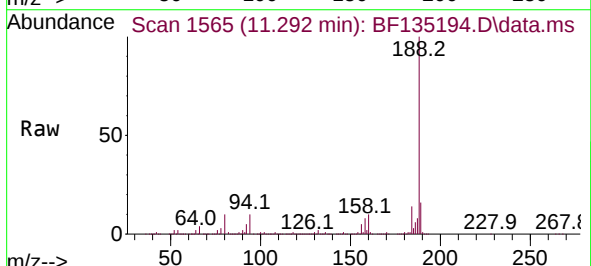
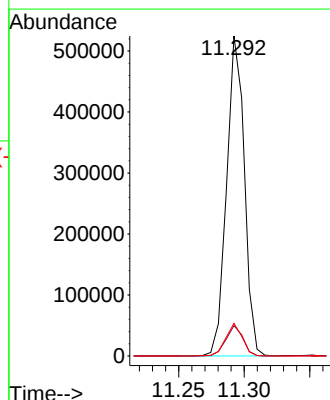
Tgt Ion: 188 Resp: 493045

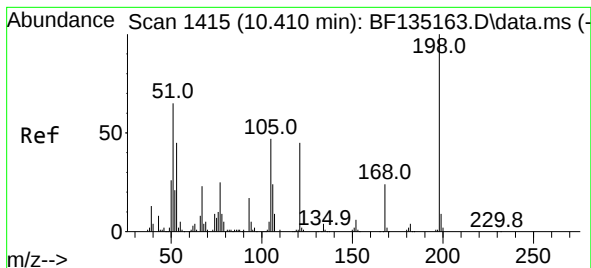
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.2 7.5 11.3

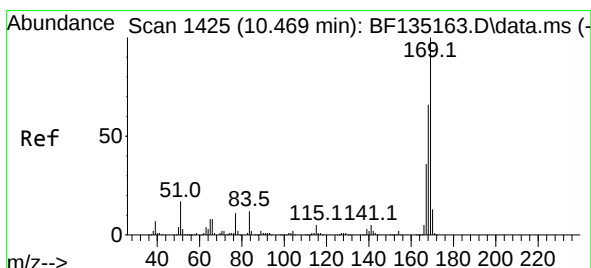
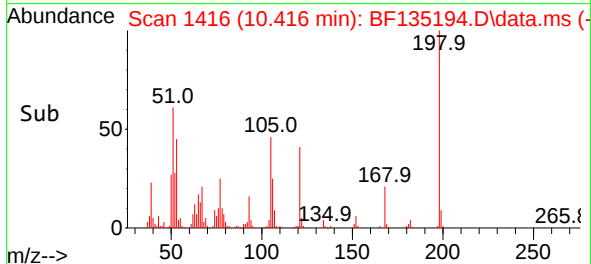
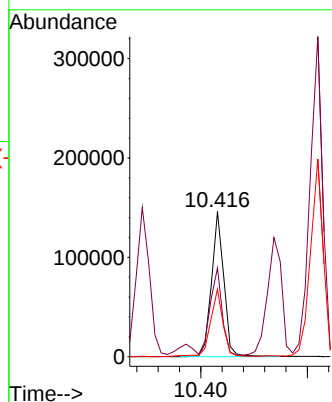
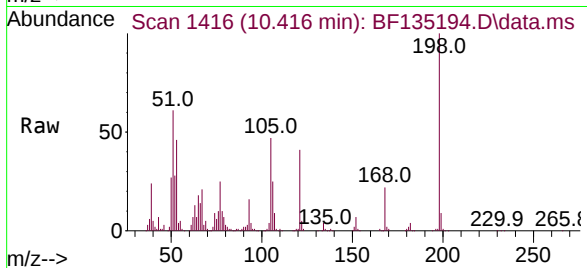




#65
4,6-Dinitro-2-methylphenol
Concen: 44.675 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

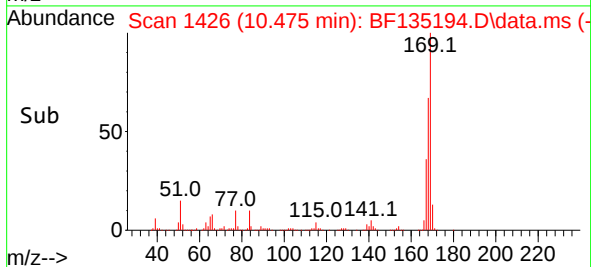
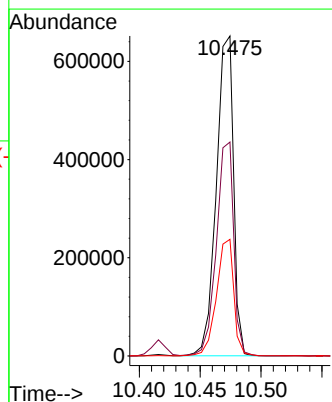
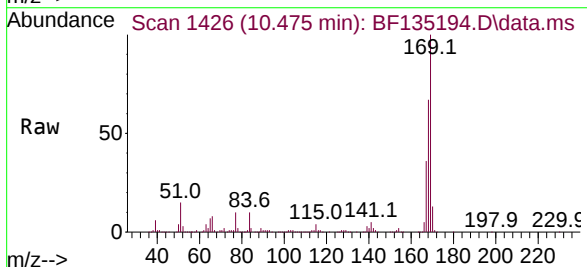
Instrument :
BNA_F
ClientSampleId :

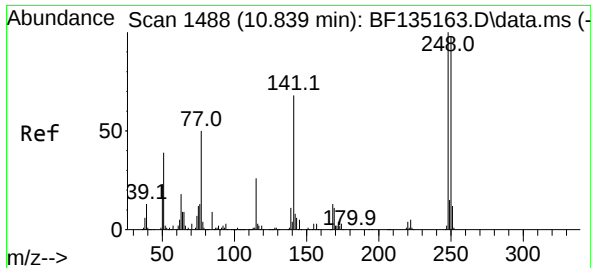
Tgt Ion:198 Resp: 116991
Ion Ratio Lower Upper
198 100
51 61.2 47.7 87.7
105 46.5 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 43.068 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

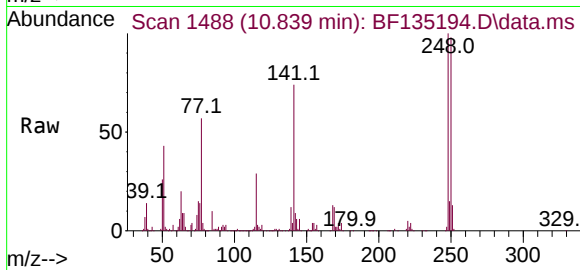
Tgt Ion:169 Resp: 642869
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.5 29.0 43.6



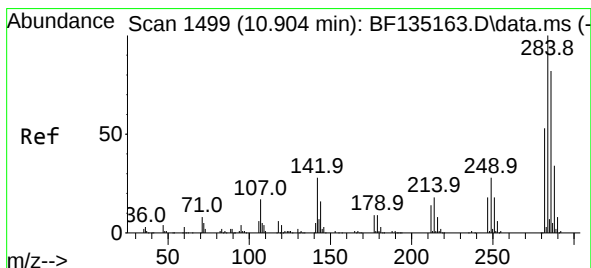
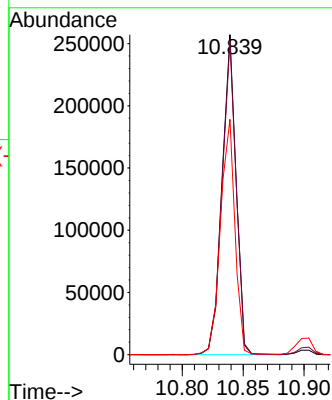
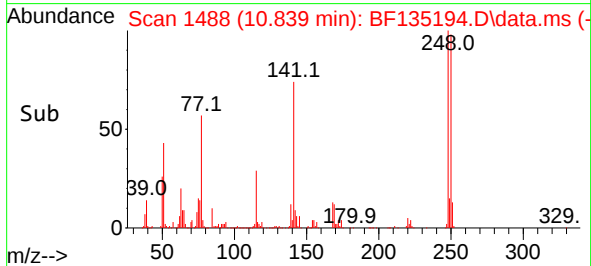


#67
4-Bromophenyl-phenylether
Concen: 42.397 ng
RT: 10.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :

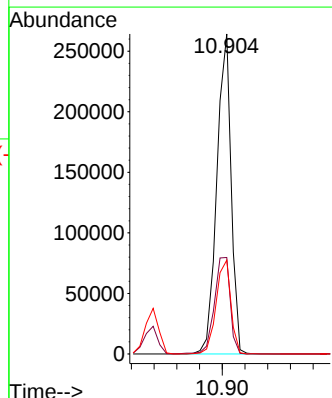
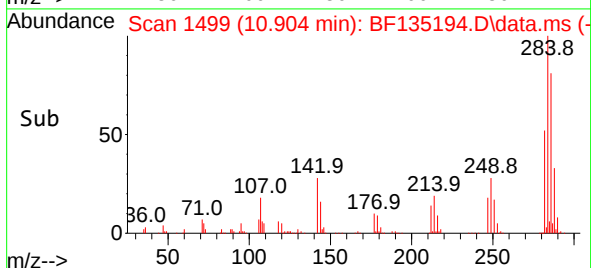
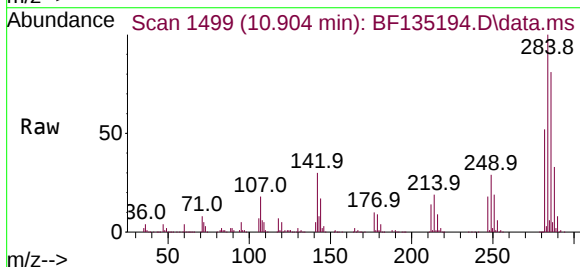


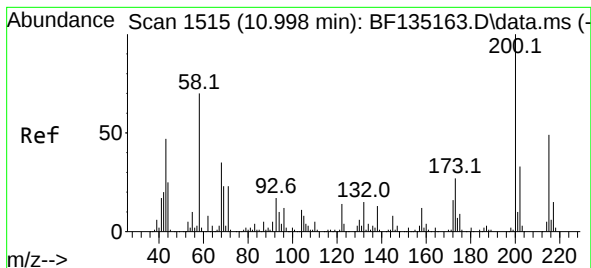
Tgt Ion:248 Resp: 207901
Ion Ratio Lower Upper
248 100
250 98.1 78.6 117.8
141 73.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.225 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:284 Resp: 230927
Ion Ratio Lower Upper
284 100
142 30.2 22.2 33.4
249 29.3 22.5 33.7





#69

Atrazine

Concen: 50.597 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

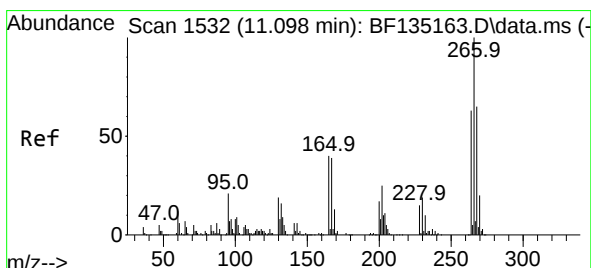
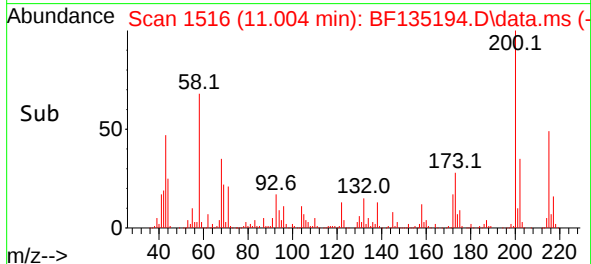
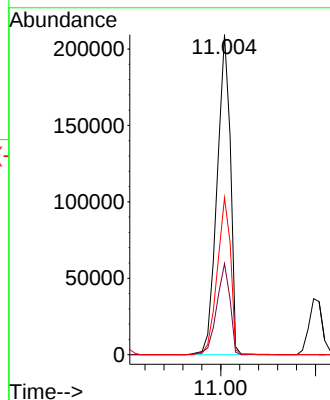
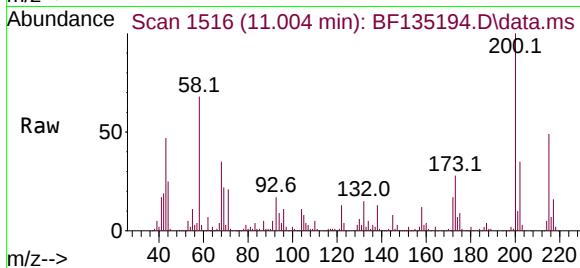
Tgt Ion:200 Resp: 203216

Ion Ratio Lower Upper

200 100

173 28.4 7.4 47.4

215 49.0 28.6 68.6



#70

Pentachlorophenol

Concen: 71.964 ng

RT: 11.104 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

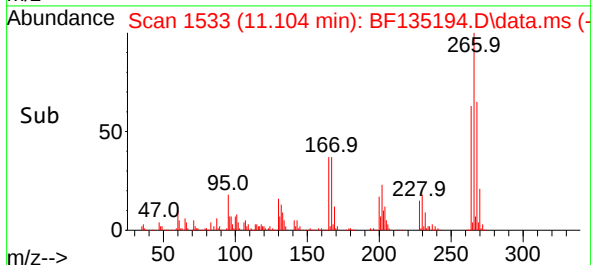
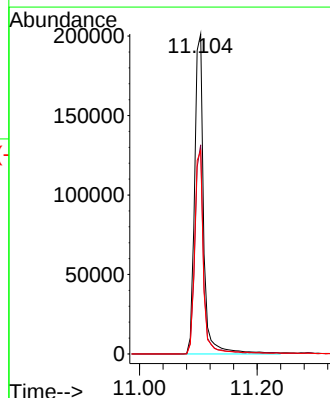
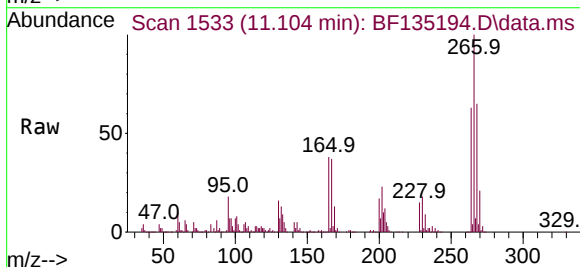
Tgt Ion:266 Resp: 215098

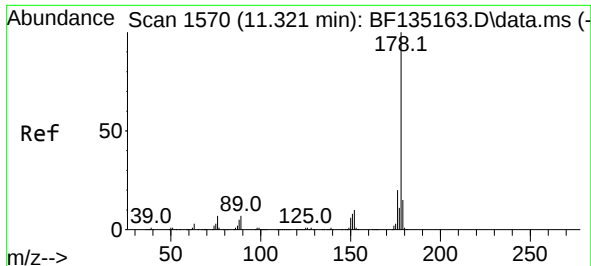
Ion Ratio Lower Upper

266 100

268 65.4 52.1 78.1

264 63.5 50.8 76.2

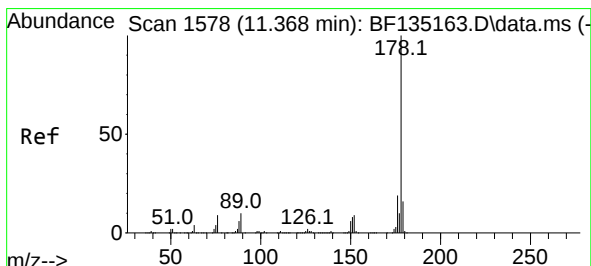
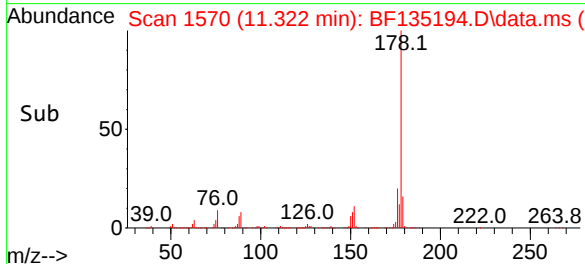
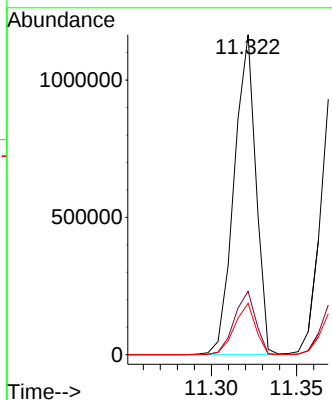
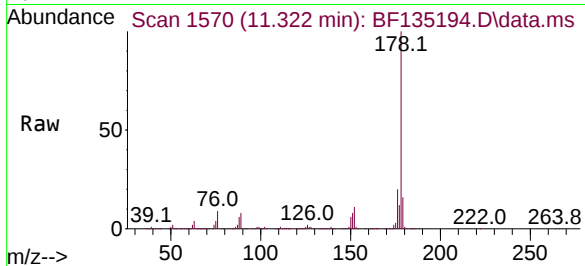




#71
Phenanthrene
Concen: 44.455 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

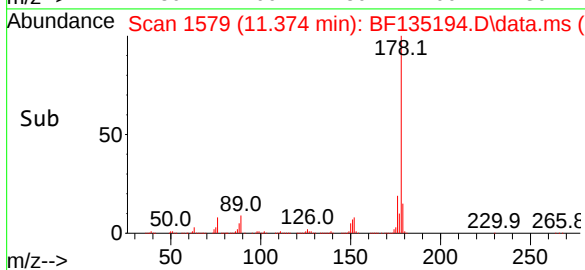
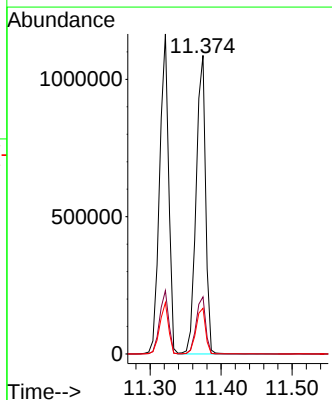
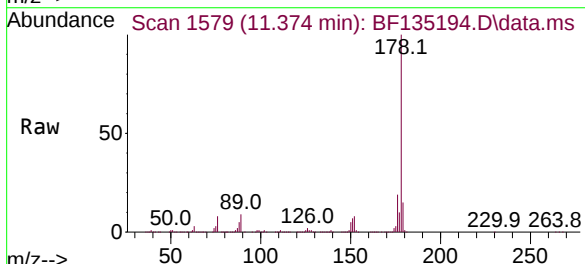
Instrument :
BNA_F
ClientSampleId :

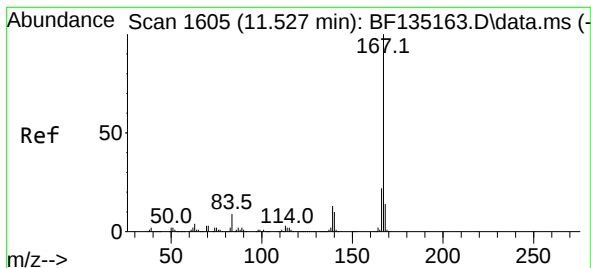
Tgt Ion:178 Resp: 1036641
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.1 12.0 18.0



#72
Anthracene
Concen: 42.222 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:178 Resp: 1012035
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.6 19.0





#73

Carbazole

Concen: 43.943 ng

RT: 11.533 min Scan# 1606

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

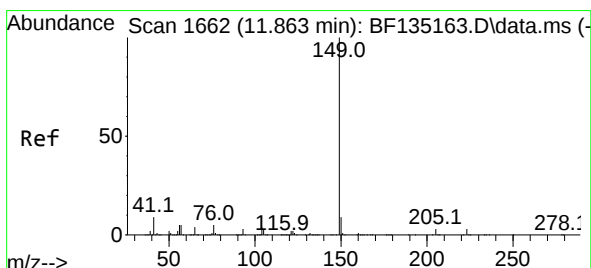
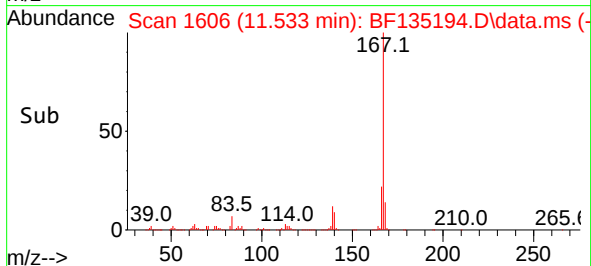
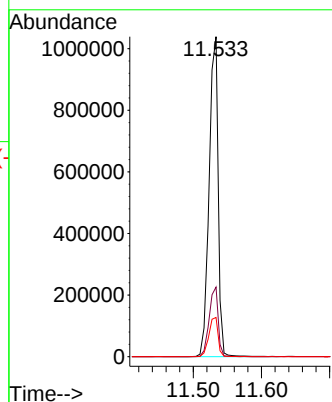
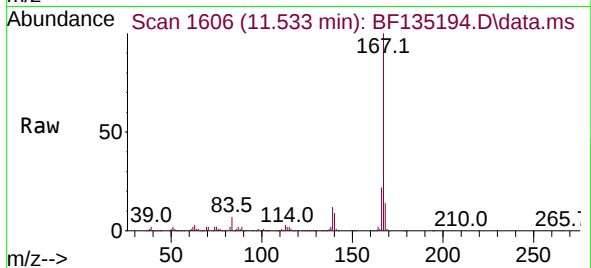
Tgt Ion:167 Resp: 958818

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 12.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 45.026 ng

RT: 11.863 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

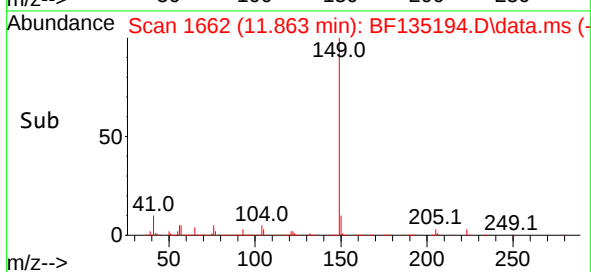
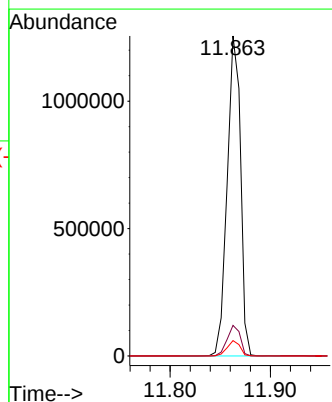
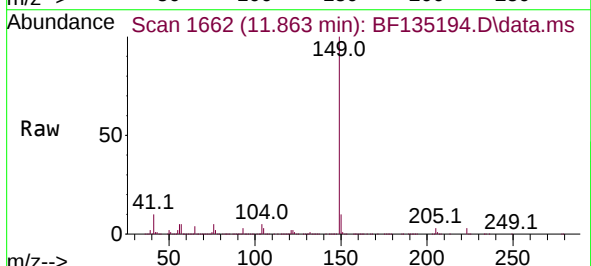
Tgt Ion:149 Resp: 1157674

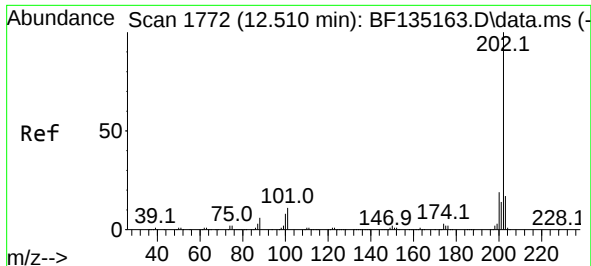
Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.0

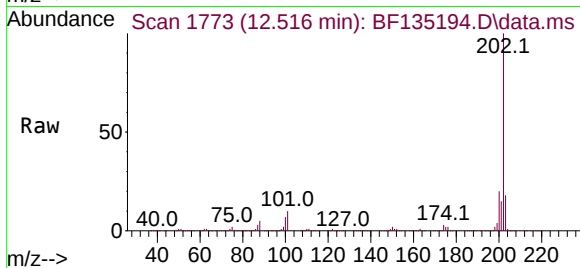
104 4.8 3.6 5.4



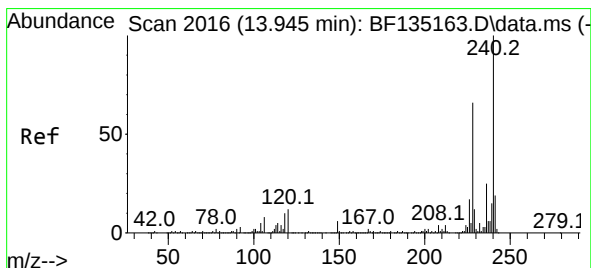
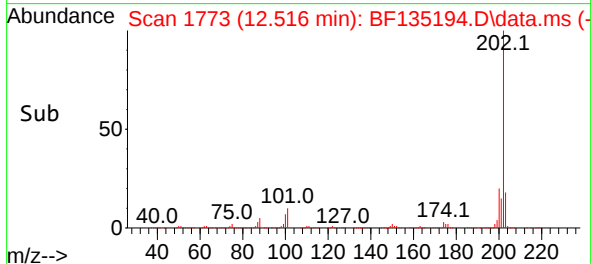
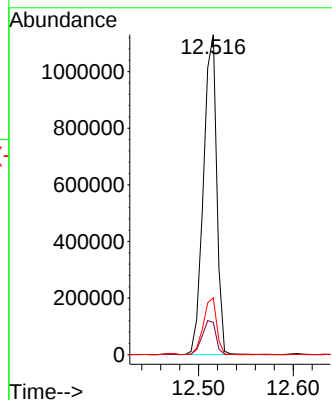


#75
Fluoranthene
Concen: 45.139 ng
RT: 12.516 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :

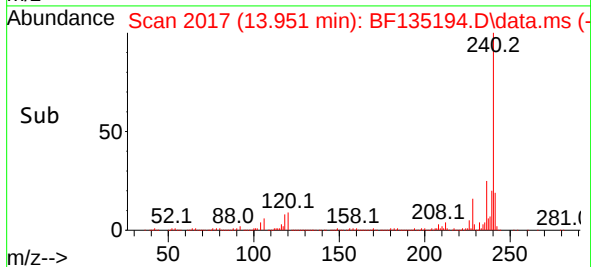
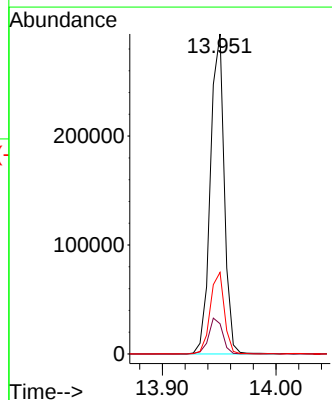
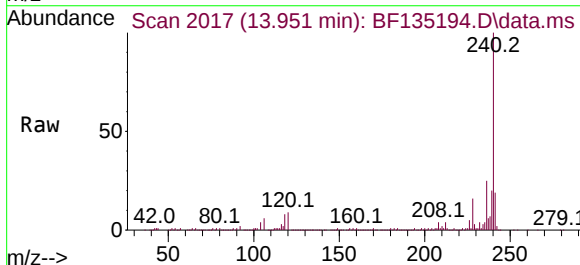


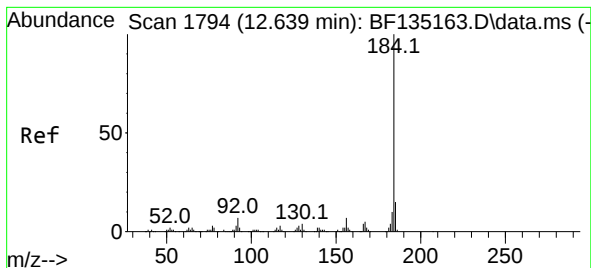
Tgt Ion:202 Resp: 1096787
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.3
203 17.8 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:240 Resp: 248870
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 25.5 19.8 29.8





#77

Benzidine

Concen: 43.702 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

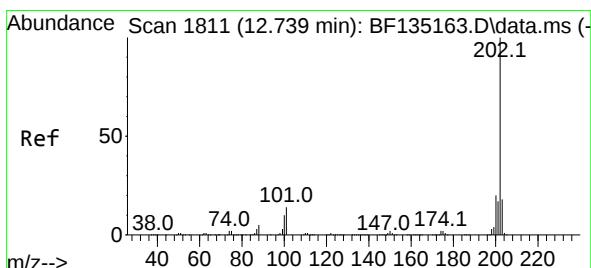
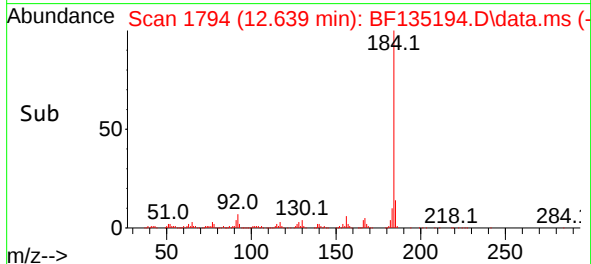
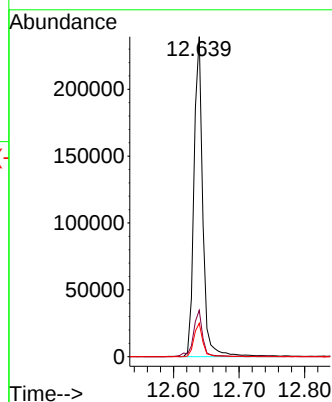
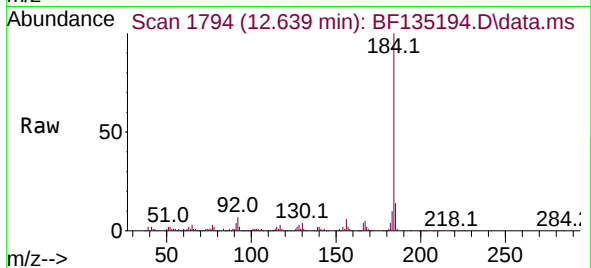
Tgt Ion:184 Resp: 222818

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.5 8.2 12.4



#78

Pyrene

Concen: 45.759 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

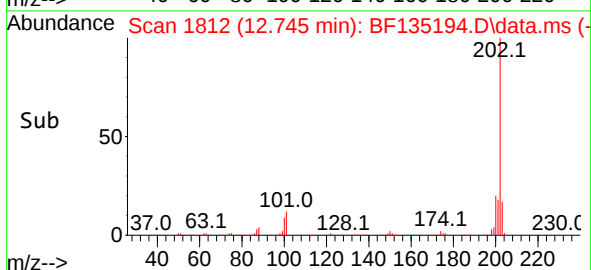
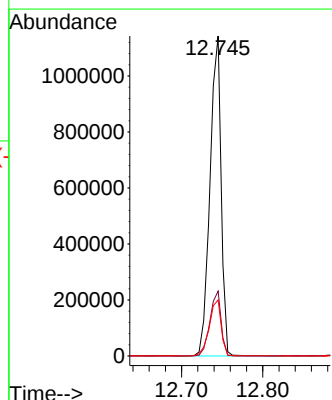
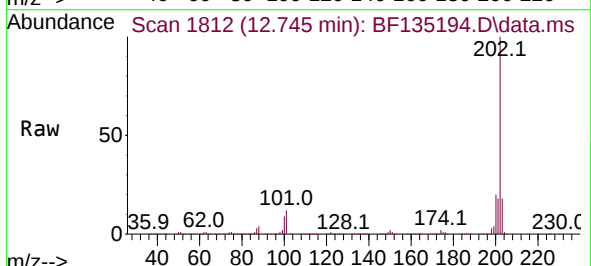
Tgt Ion:202 Resp: 1084234

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

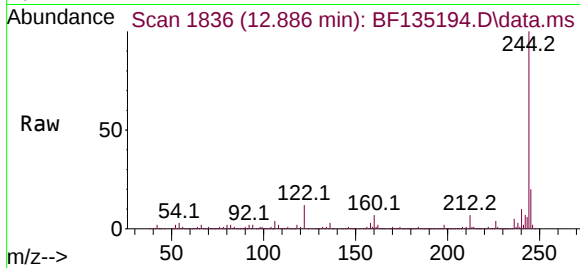
203 17.5 14.2 21.4



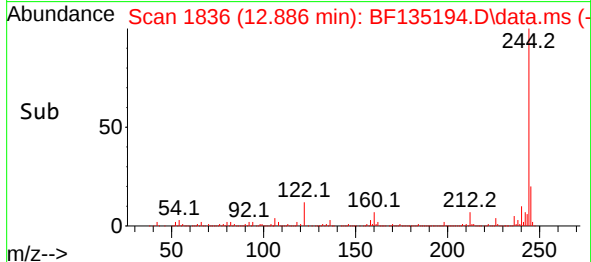
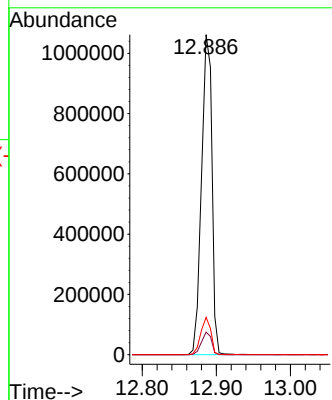


#79
 Terphenyl-d14
 Concen: 64.641 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Instrument :
 BNA_F
 ClientSampleId :

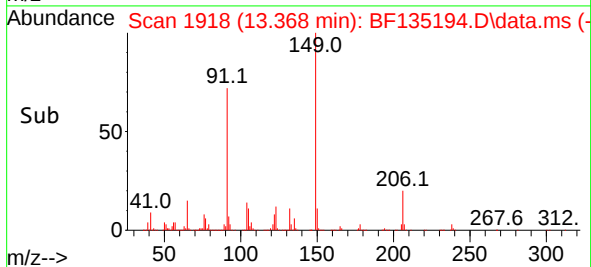
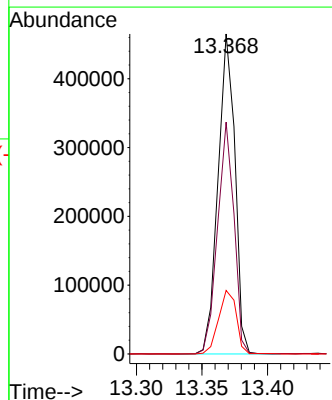
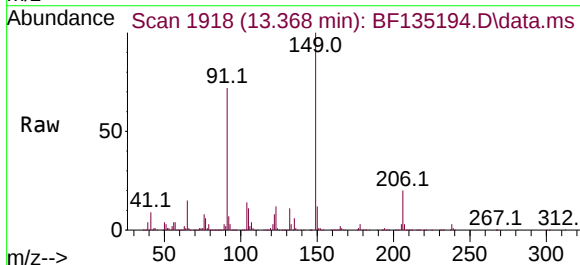


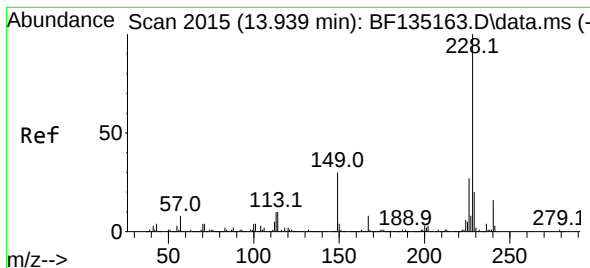
Tgt Ion:244 Resp: 1037763
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 49.936 ng
 RT: 13.368 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135194.D
 Acq: 12 Sep 2023 22:04

Tgt Ion:149 Resp: 416587
 Ion Ratio Lower Upper
 149 100
 91 72.5 54.7 82.1
 206 19.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.728 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

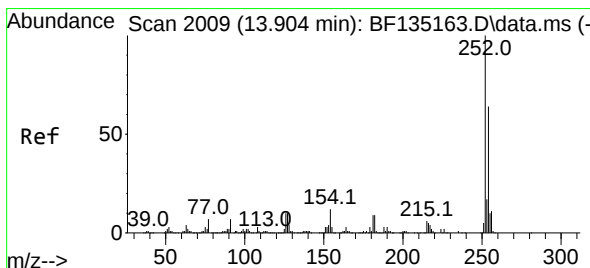
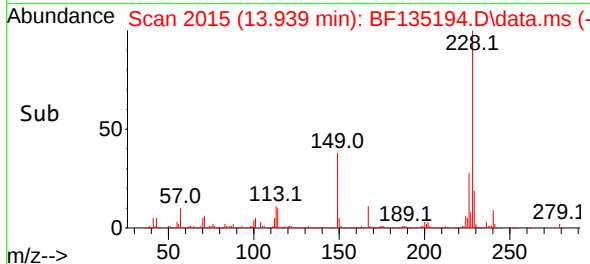
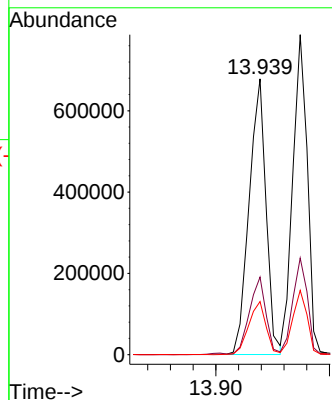
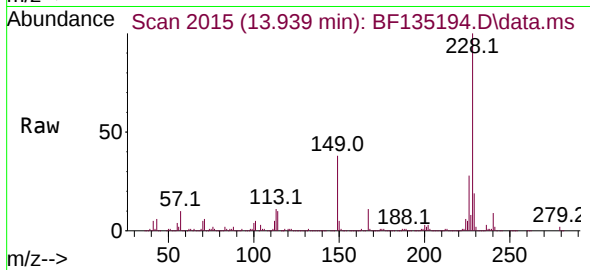
Tgt Ion:228 Resp: 702723

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.405 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

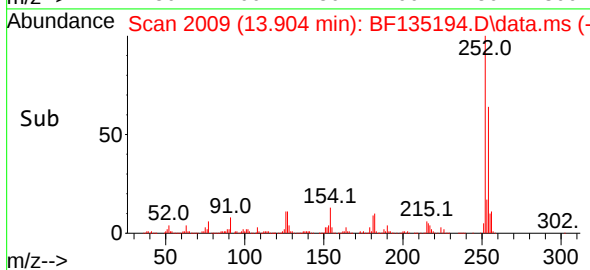
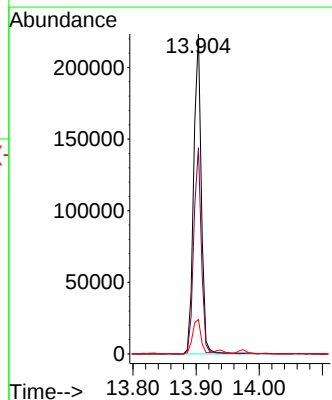
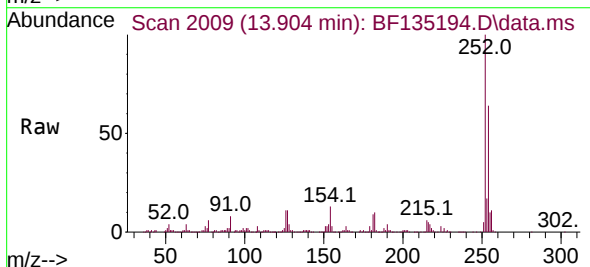
Tgt Ion:252 Resp: 187759

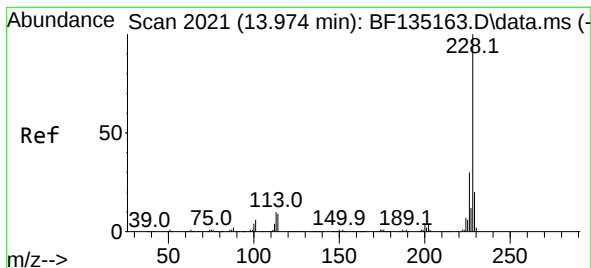
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.4

126 10.8 7.8 11.8





#83

Chrysene

Concen: 43.679 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

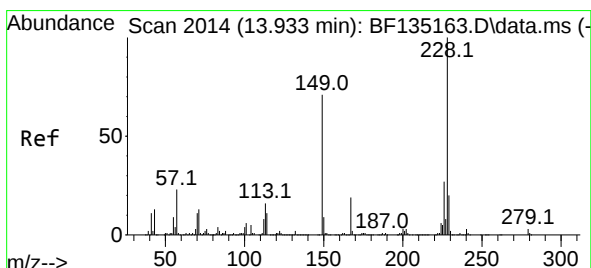
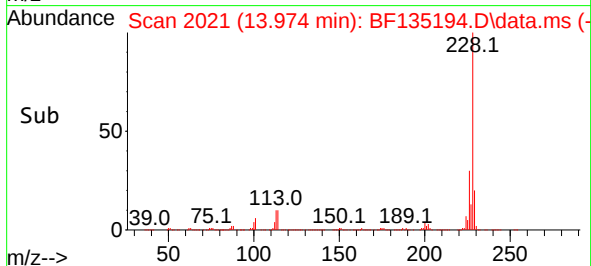
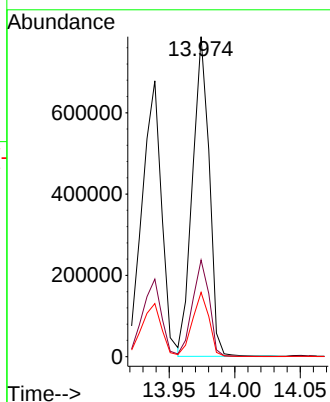
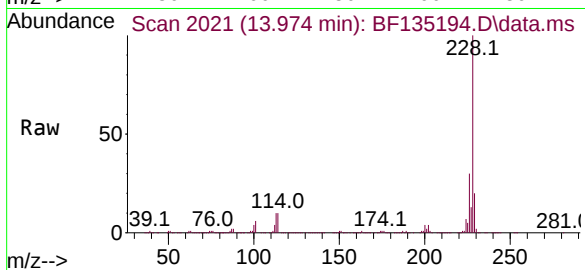
Tgt Ion:228 Resp: 697880

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.990 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

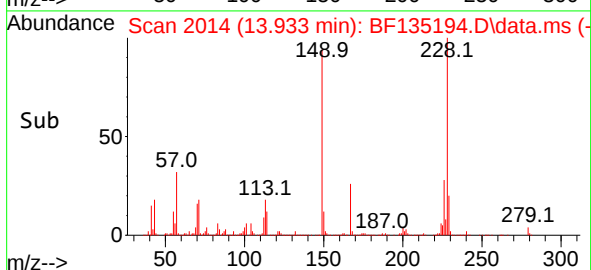
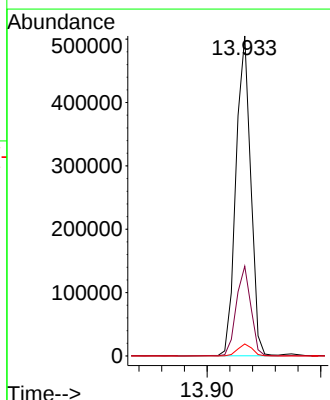
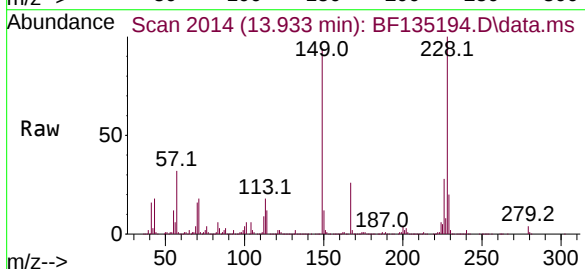
Tgt Ion:149 Resp: 453635

Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.947 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

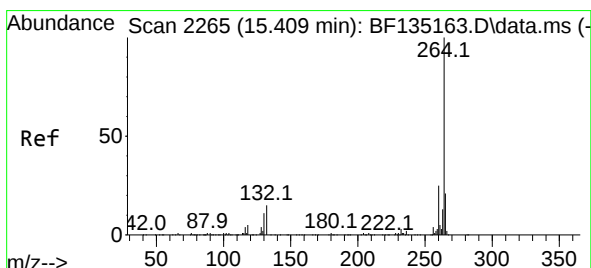
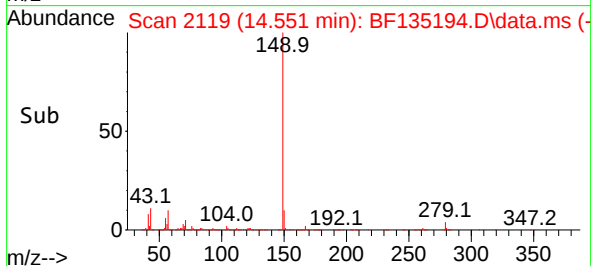
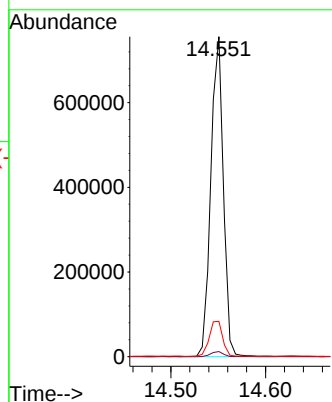
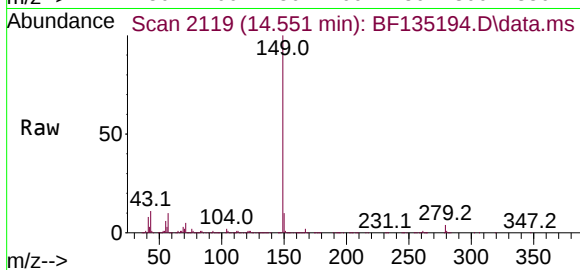
Tgt Ion:149 Resp: 693122

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 11.8 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: BF135194.D

Acq: 12 Sep 2023 22:04

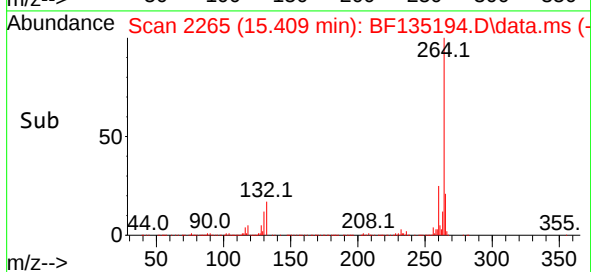
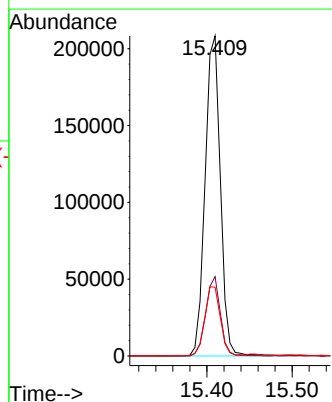
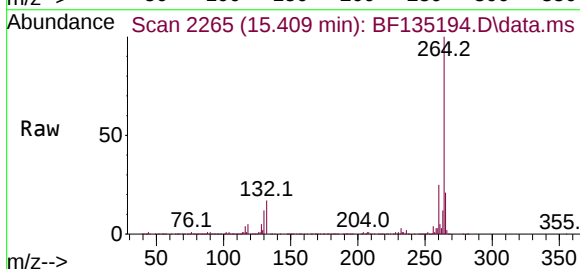
Tgt Ion:264 Resp: 259456

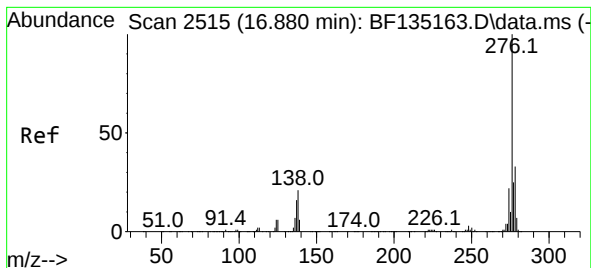
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.683 ng

RT: 16.886 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

Instrument :

BNA_F

ClientSampleId :

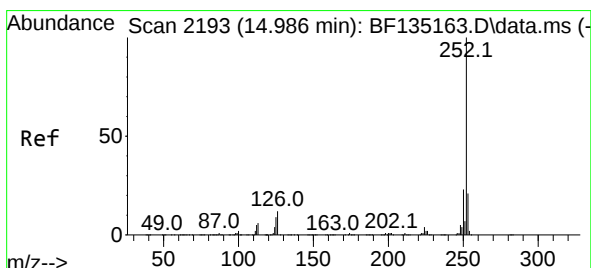
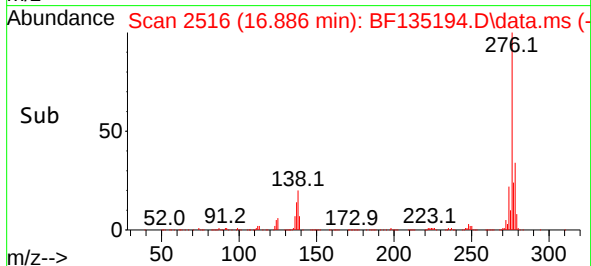
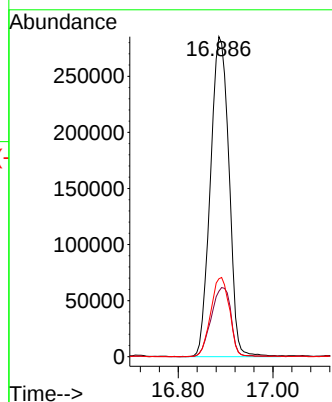
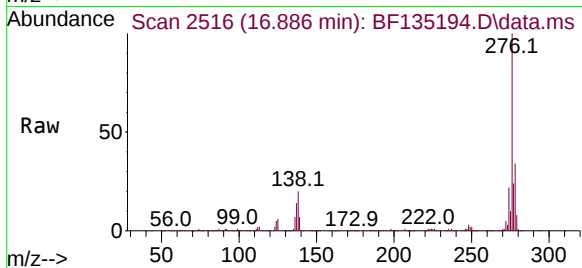
Tgt Ion:276 Resp: 777150

Ion Ratio Lower Upper

276 100

138 23.1 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 44.958 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF135194.D

Acq: 12 Sep 2023 22:04

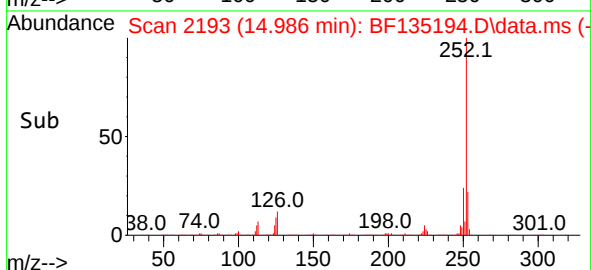
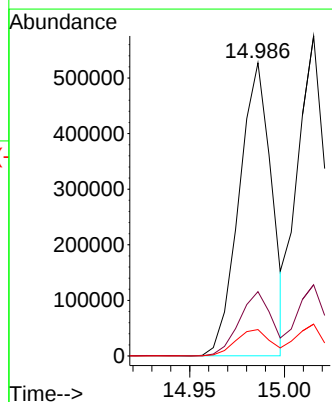
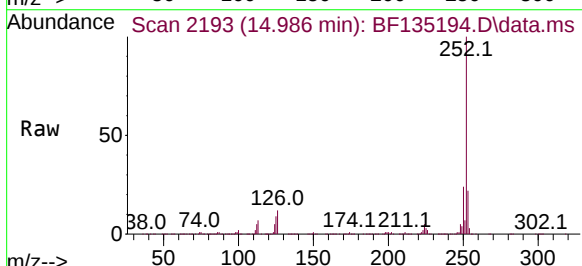
Tgt Ion:252 Resp: 631442

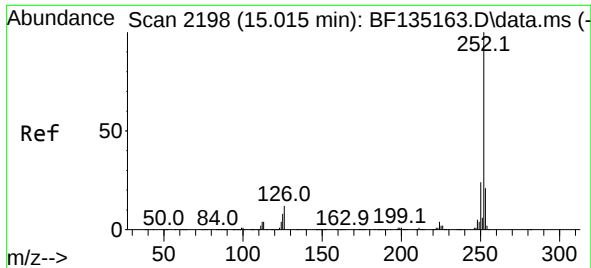
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.0 7.1 10.7

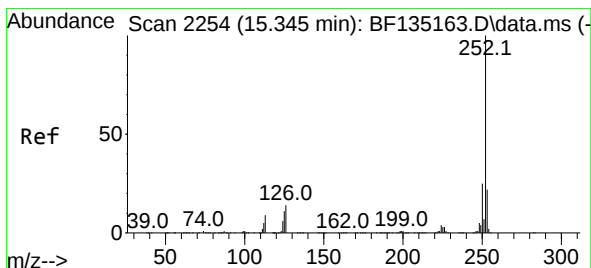
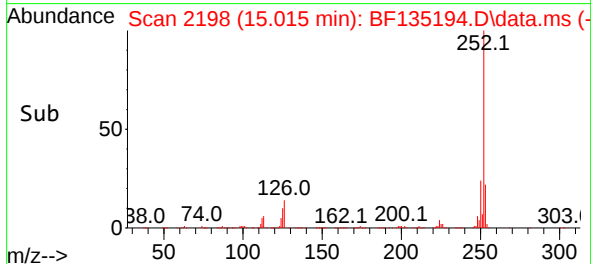
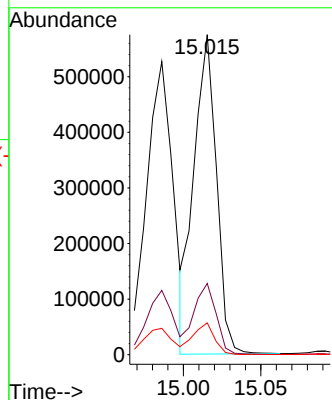
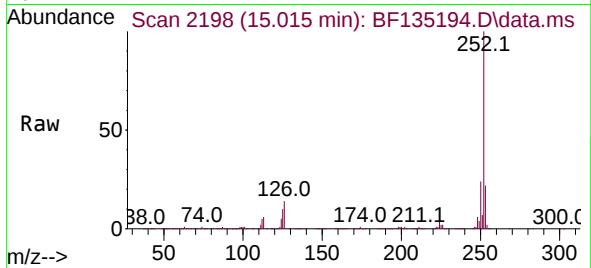




#89
Benzo(k)fluoranthene
Concen: 41.780 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

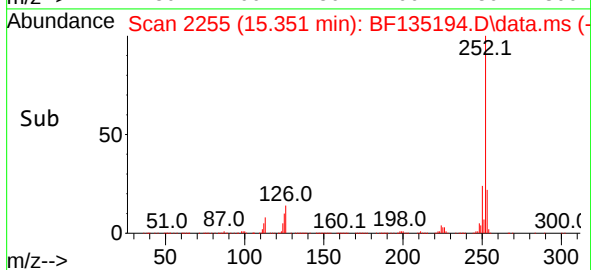
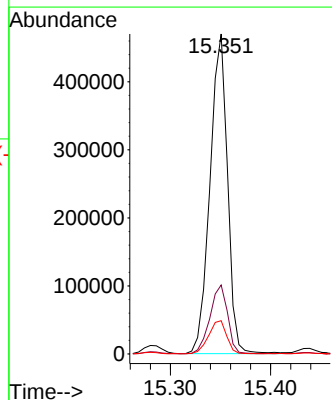
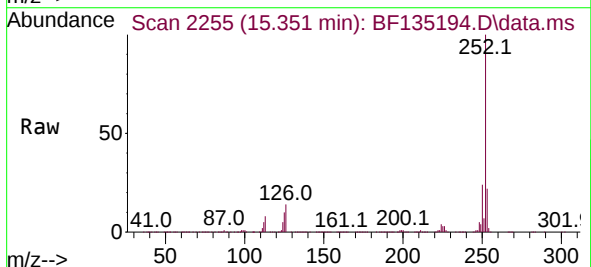
Instrument :
BNA_F
ClientSampleId :

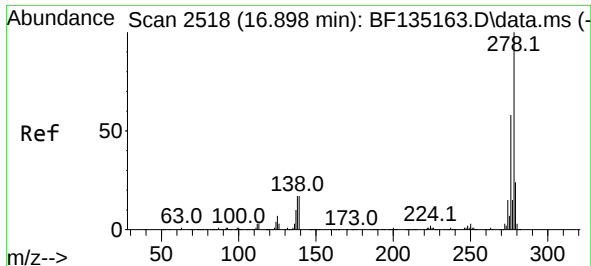
Tgt Ion:252 Resp: 579663
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 9.9 7.2 10.8



#90
Benzo(a)pyrene
Concen: 42.561 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

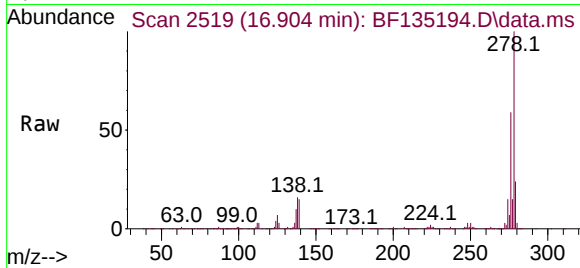
Tgt Ion:252 Resp: 570066
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.4 9.2 13.8



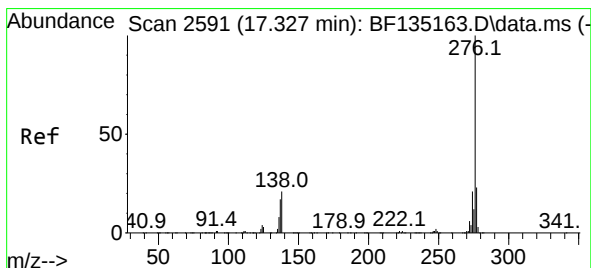
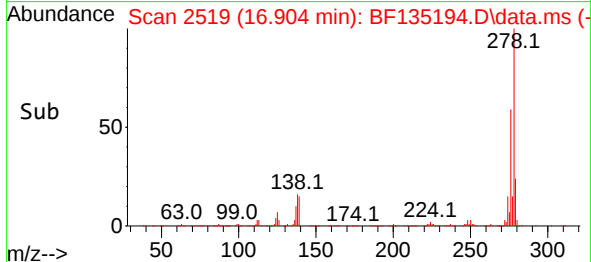
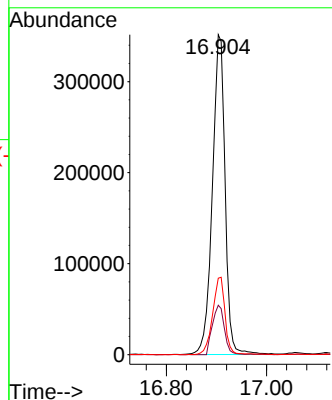


#91
Dibenzo(a,h)anthracene
Concen: 44.433 ng
RT: 16.904 min Scan# 2519
Delta R.T. 0.006 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 618467
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.733 ng
RT: 17.339 min Scan# 2593
Delta R.T. 0.012 min
Lab File: BF135194.D
Acq: 12 Sep 2023 22:04

Tgt Ion:276 Resp: 635736
Ion Ratio Lower Upper
276 100
277 24.2 18.8 28.2
138 20.5 16.9 25.3

