

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139194.D
 Acq On : 27 Aug 2024 18:56
 Operator : RC/JU
 Sample : P3735-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13

Quant Time: Aug 28 00:49:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

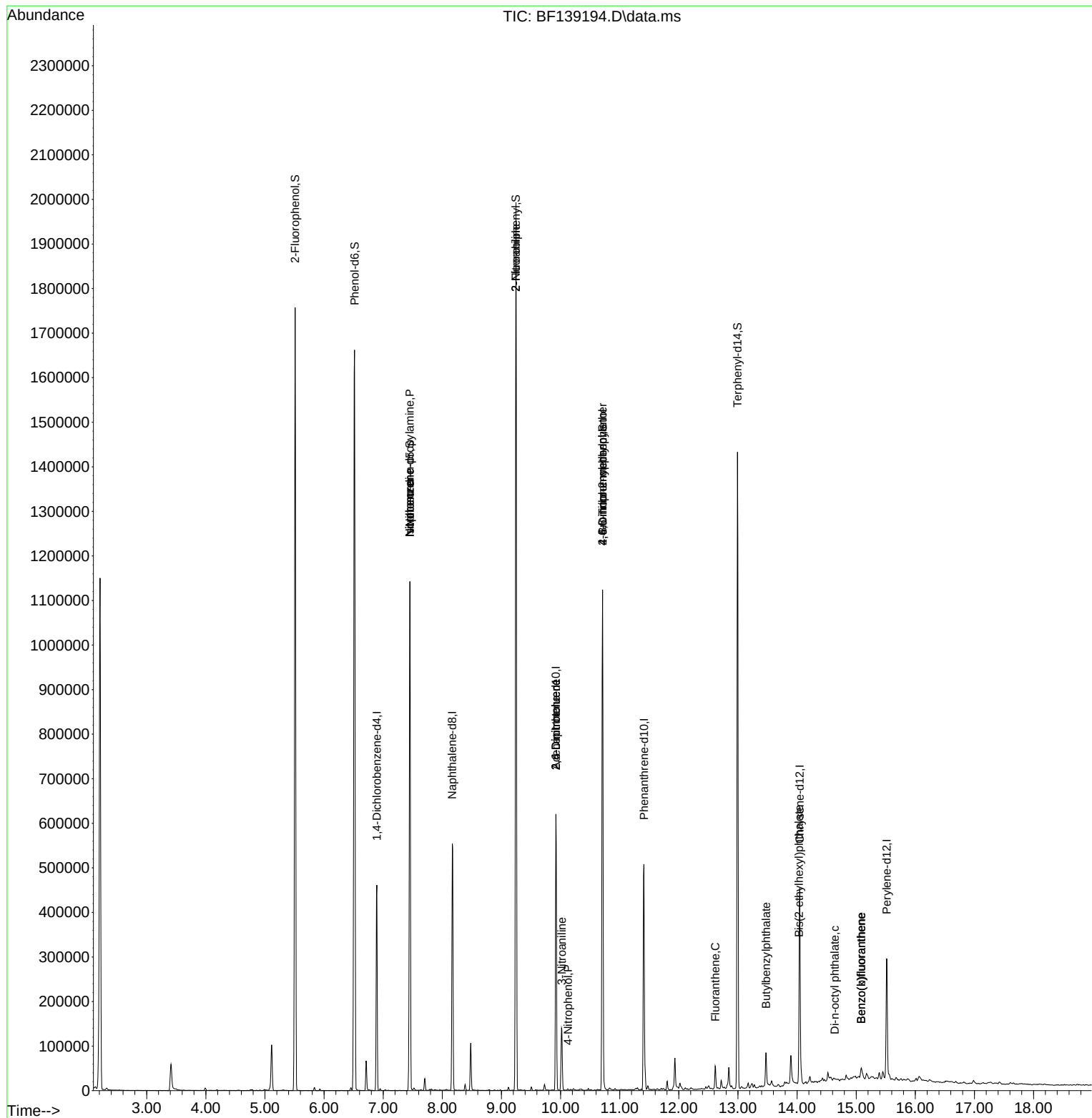
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	91165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	329785	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	176907	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	261110	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190521	20.000	ng	0.00
86) Perylene-d12	15.515	264	149324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	606153	111.726	ng	0.00
7) Phenol-d6	6.516	99	793800	106.611	ng	0.00
23) Nitrobenzene-d5	7.451	82	508092	85.354	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	167545	110.582	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	806725	70.836	ng	0.00
79) Terphenyl-d14	12.992	244	669311	54.815	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	71032	15.950	ng	# 76
24) Nitrobenzene	7.451	77	1634	3.475	ng	# 44
25) Isophorone	7.451	82	507335	43.097	ng	# 68
48) 2-Nitroaniline	9.245	65	1598	6.246	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	22558	14.392	ng	# 14
53) 3-Nitroaniline	10.022	138	1280	4.958	ng	# 1
56) 4-Nitrophenol	10.127	139	213	5.266	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	22558	13.056	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	244	7.135	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	11751	4.236	ng	# 1
75) Fluoranthene	12.616	202	27601	2.156	ng	98
80) Butylbenzylphthalate	13.474	149	812	4.677	ng	# 47
84) Bis(2-ethylhexyl)phtha...	14.033	149	1100	3.455	ng	# 54
85) Di-n-octyl phthalate	14.639	149	789	9.029	ng	# 72
88) Benzo(b)fluoranthene	15.086	252	19477	2.230	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	19477	2.466	ng	# 96

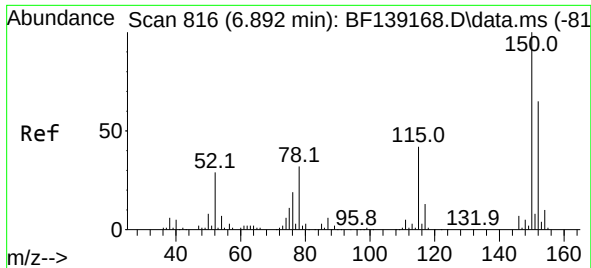
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139194.D
Acq On : 27 Aug 2024 18:56
Operator : RC/JU
Sample : P3735-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-13

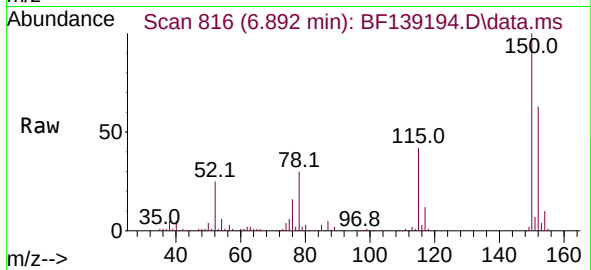
Quant Time: Aug 28 00:49:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration



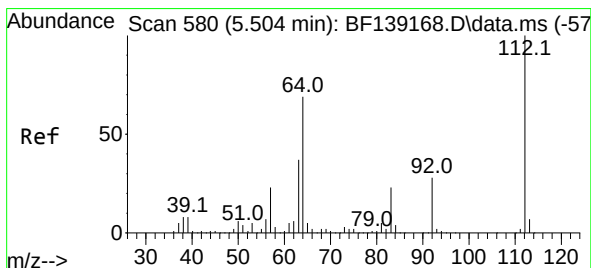
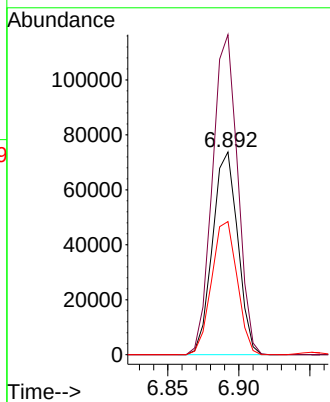
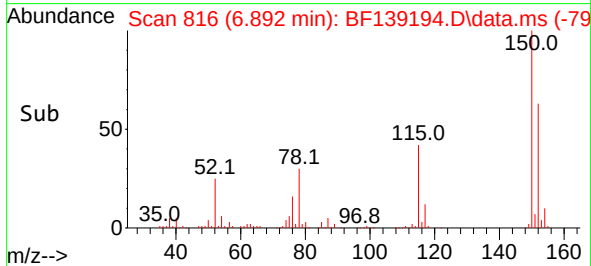


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

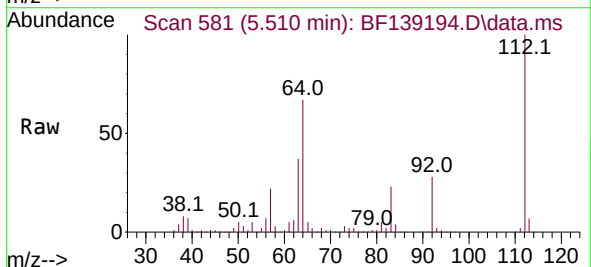
Instrument :
BNA_F
ClientSampleId :
WC-13



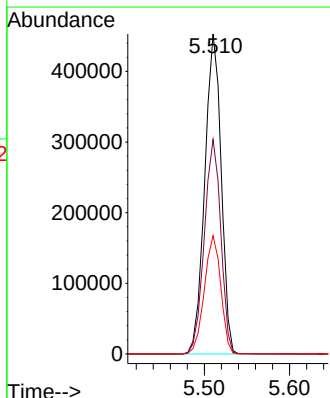
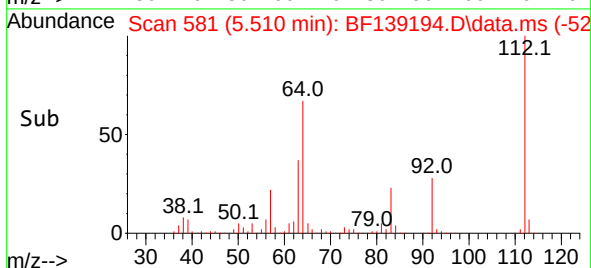
Tgt Ion:152 Resp: 91165
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 65.6 51.8 77.8

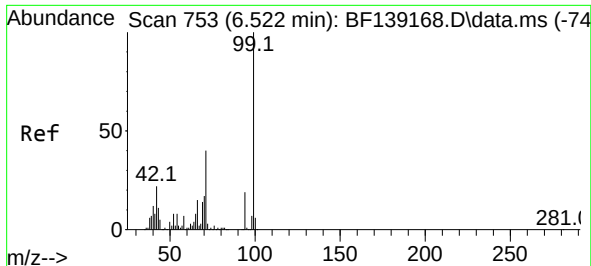


#5
2-Fluorophenol
Concen: 111.726 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56



Tgt Ion:112 Resp: 606153
Ion Ratio Lower Upper
112 100
64 67.0 55.5 83.3
63 37.0 29.8 44.6

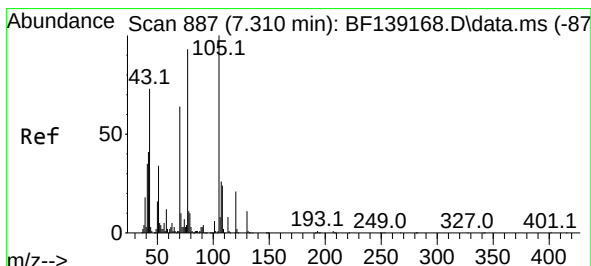
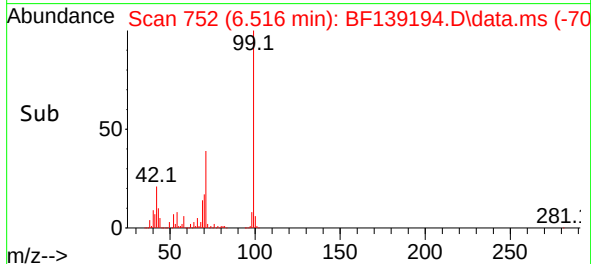
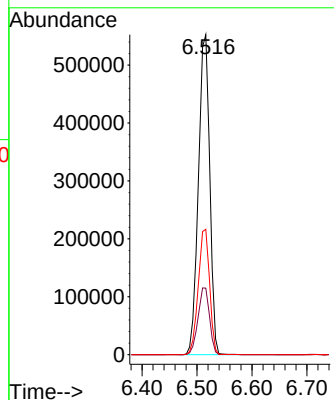
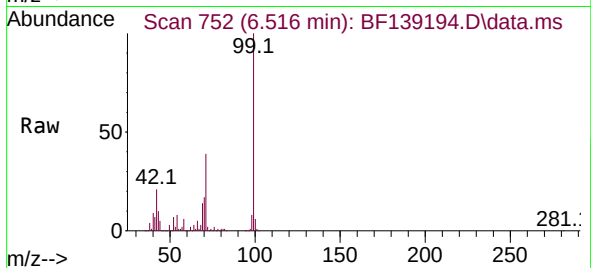




#7
Phenol-d6
Concen: 106.611 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

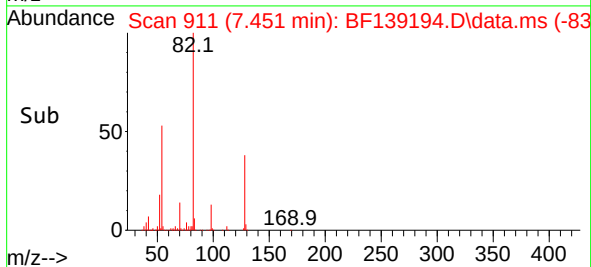
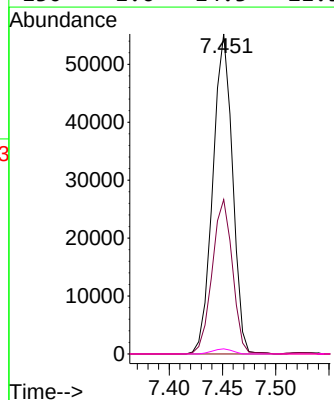
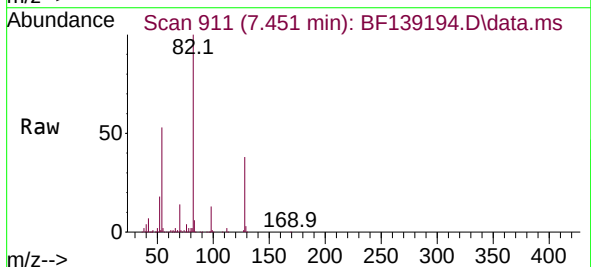
Instrument :
BNA_F
ClientSampleId :
WC-13

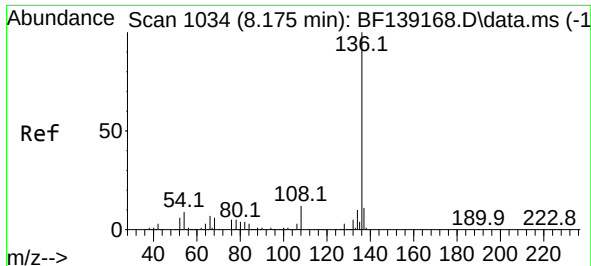
Tgt Ion: 99 Resp: 793800
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 39.2 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.950 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion: 70 Resp: 71032
Ion Ratio Lower Upper
70 100
42 48.3 50.8 76.2#
101 0.0 7.4 11.0#
130 1.6 14.3 21.5#

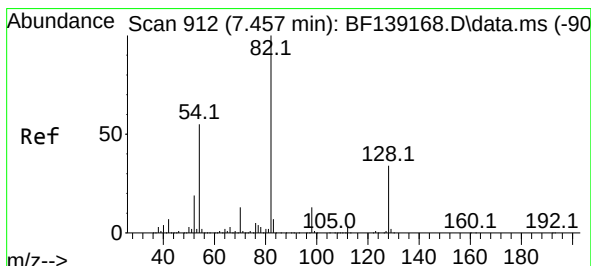
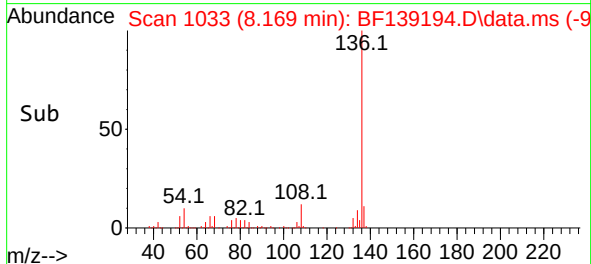
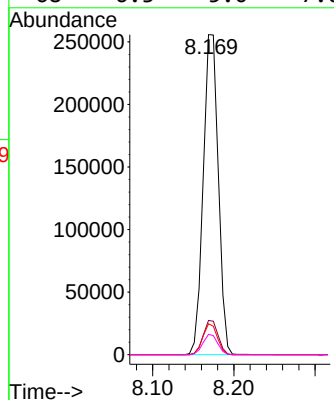
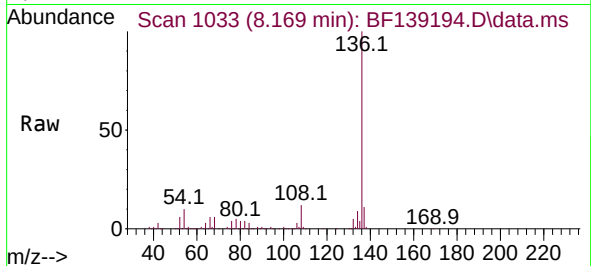




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

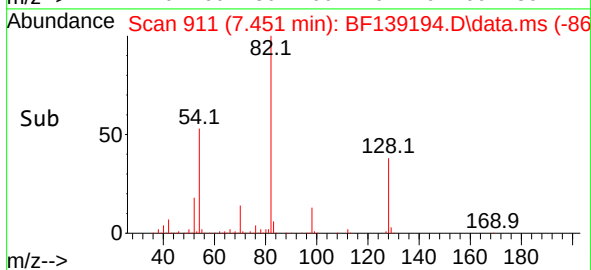
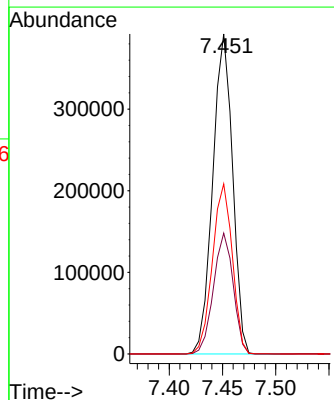
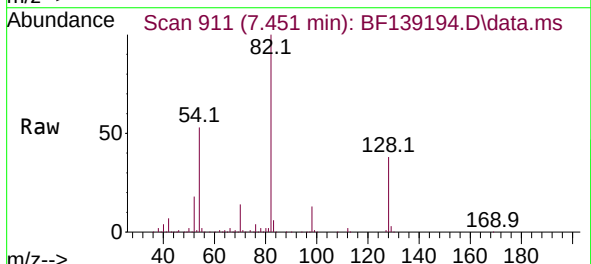
Instrument :
BNA_F
ClientSampleId :
WC-13

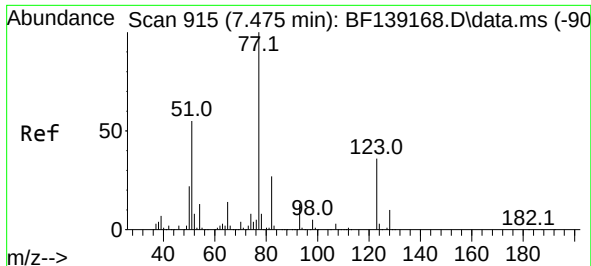
Tgt Ion:	136	Resp:	329785
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.6	7.6	11.4
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 85.354 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:	82	Resp:	508092
Ion Ratio	Lower	Upper	
82	100		
128	37.8	27.1	40.7
54	53.1	44.2	66.4





#24

Nitrobenzene

Concen: 3.475 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.024 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

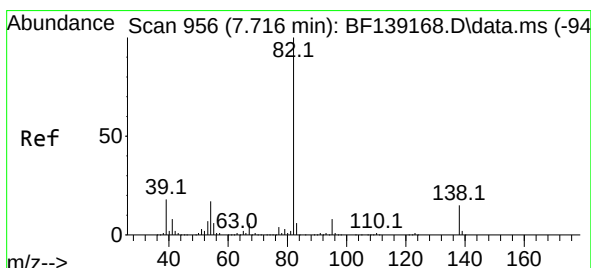
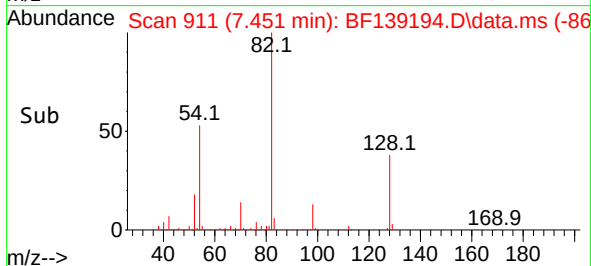
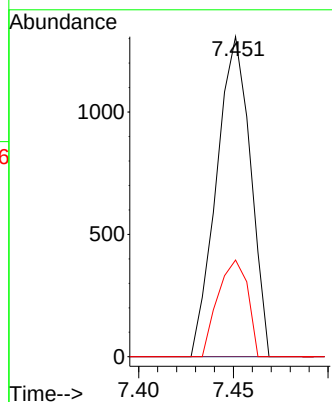
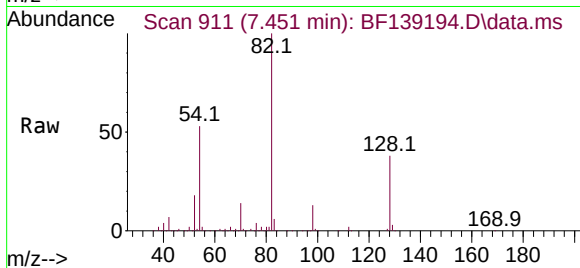
Tgt Ion: 77 Resp: 1634

Ion Ratio Lower Upper

77 100

123 0.0 28.7 43.1#

65 30.2 10.9 16.3#



#25

Isophorone

Concen: 43.097 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

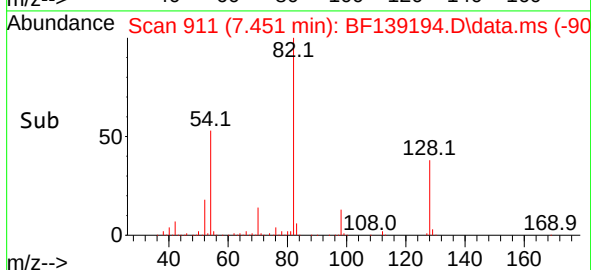
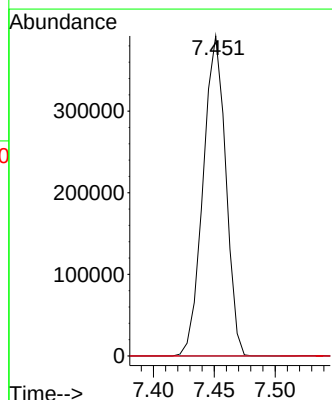
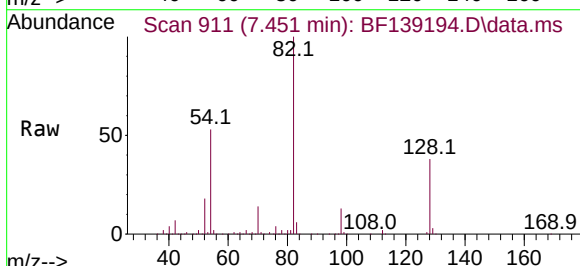
Tgt Ion: 82 Resp: 507335

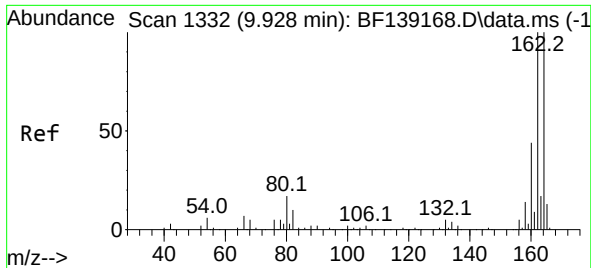
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 12.2 18.4#

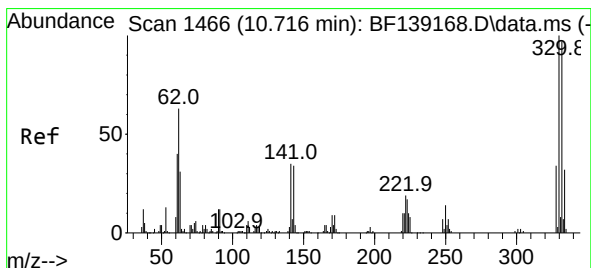
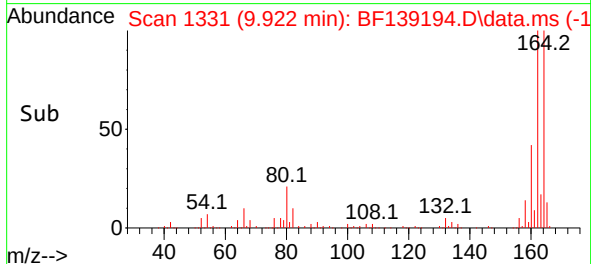
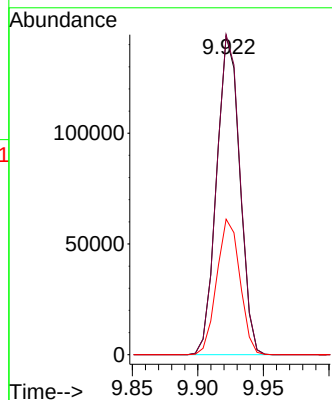
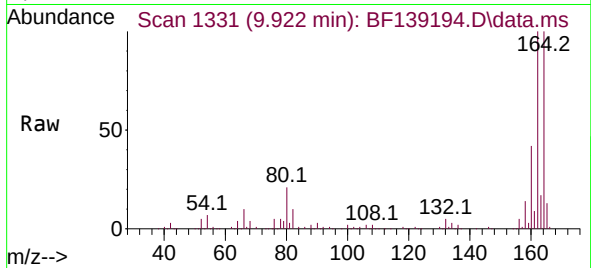




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

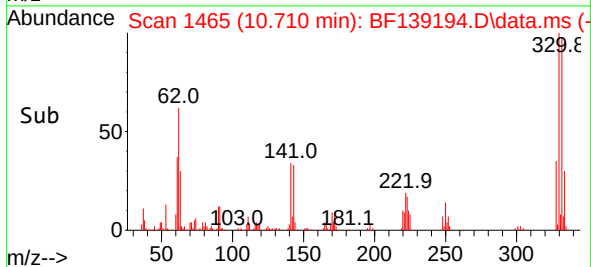
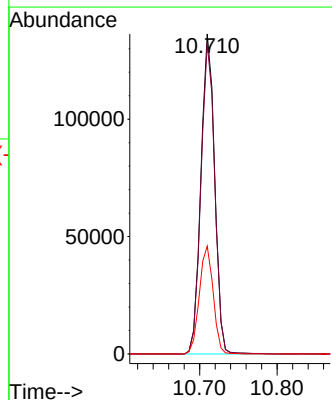
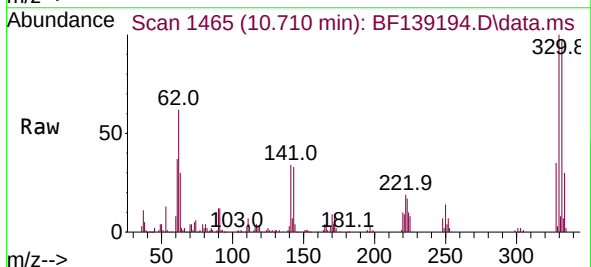
Instrument :
BNA_F
ClientSampleId :
WC-13

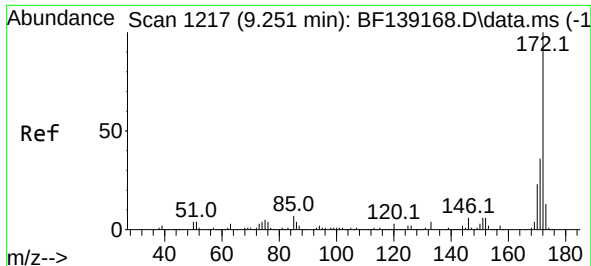
Tgt Ion:164 Resp: 176907
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 42.5 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 110.582 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:330 Resp: 167545
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.9 28.8 43.2

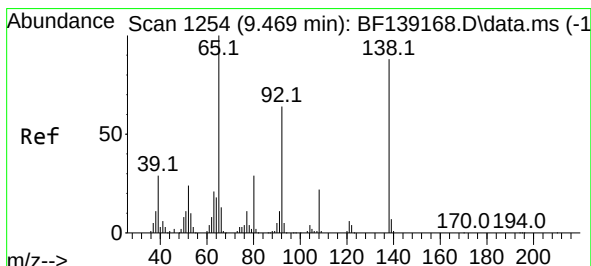
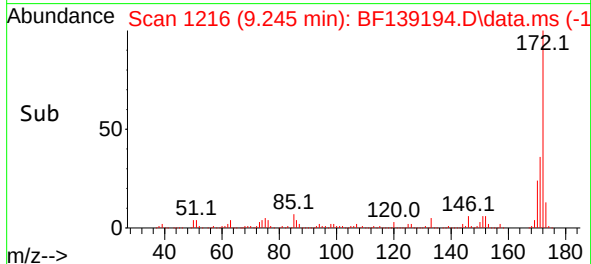
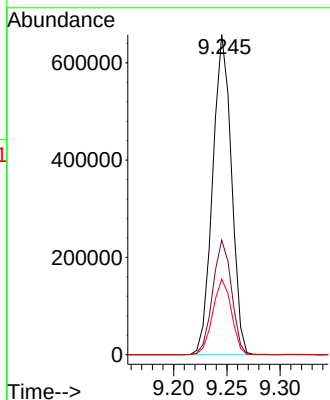
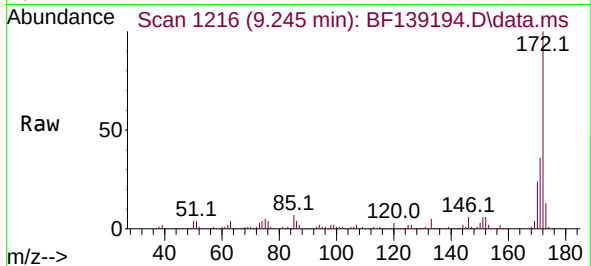




#45
2-Fluorobiphenyl
Concen: 70.836 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

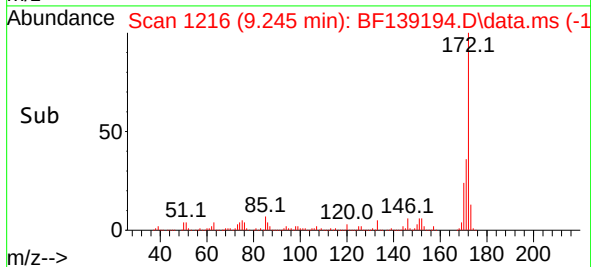
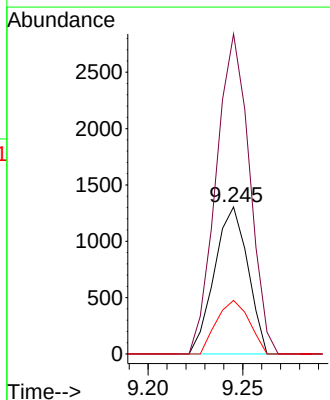
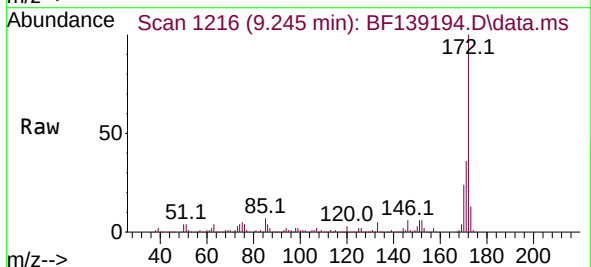
Instrument :
BNA_F
ClientSampleId :
WC-13

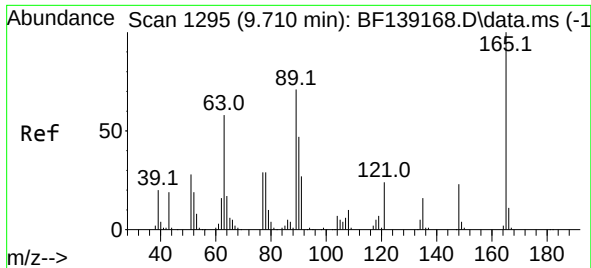
Tgt Ion:172 Resp: 806725
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.6 18.8 28.2



#48
2-Nitroaniline
Concen: 6.246 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion: 65 Resp: 1598
Ion Ratio Lower Upper
65 100
92 217.6 51.2 76.8#
138 36.5 70.0 105.0#

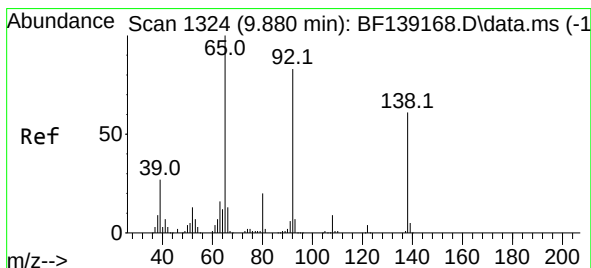
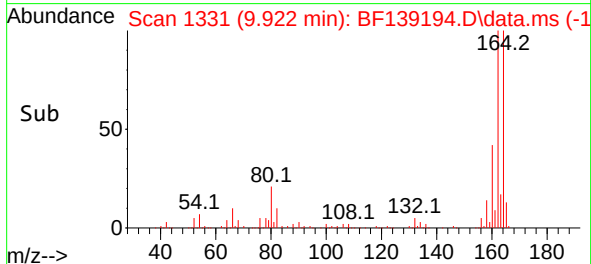
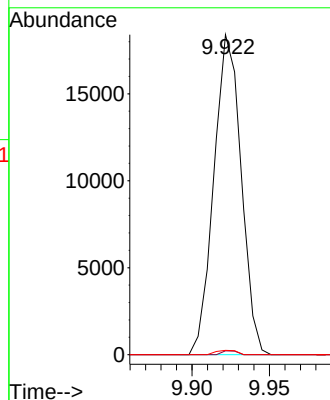
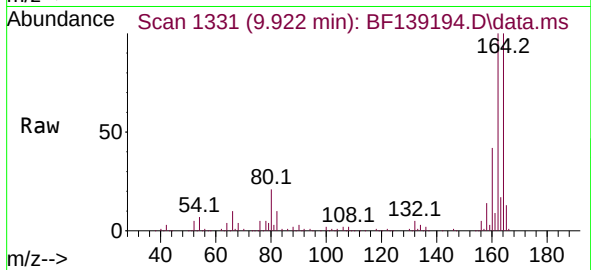




#51
2,6-Dinitrotoluene
Concen: 14.392 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

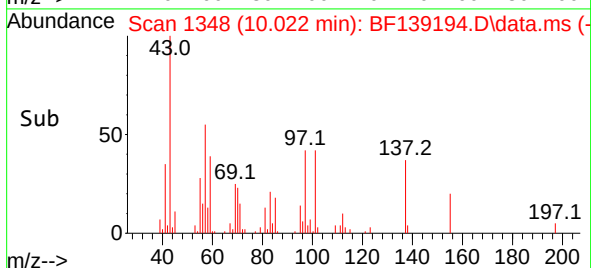
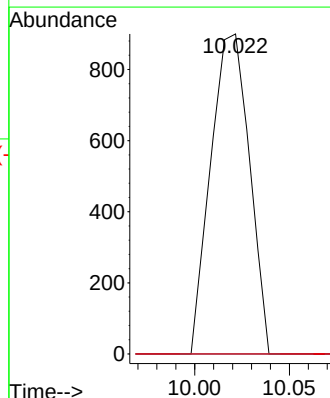
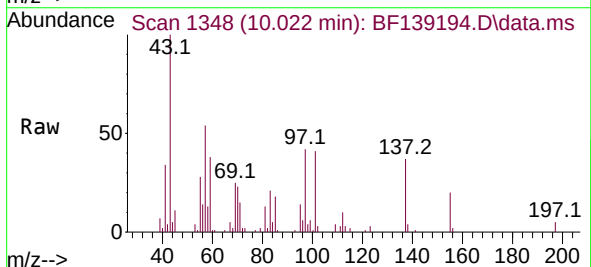
Instrument :
BNA_F
ClientSampleId :
WC-13

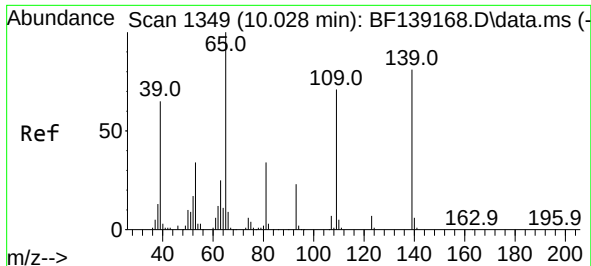
Tgt Ion:165 Resp: 22558
Ion Ratio Lower Upper
165 100
63 1.2 60.1 90.1#
89 1.4 57.0 85.6#



#53
3-Nitroaniline
Concen: 4.958 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.142 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:138 Resp: 1280
Ion Ratio Lower Upper
138 100
108 0.0 11.8 17.6#
92 0.0 108.2 162.2#

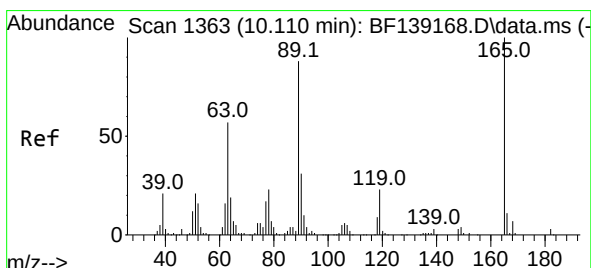
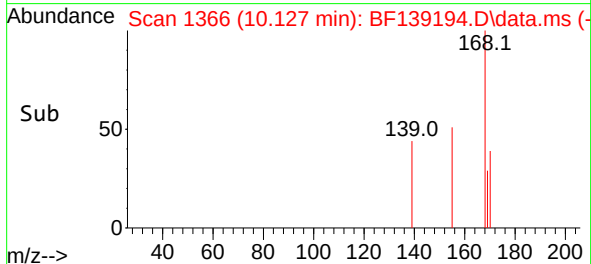
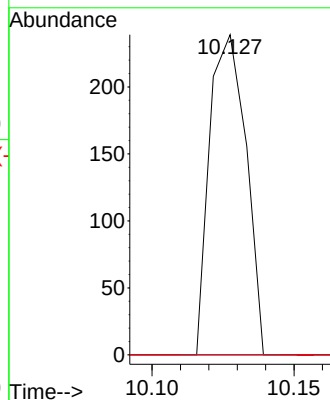
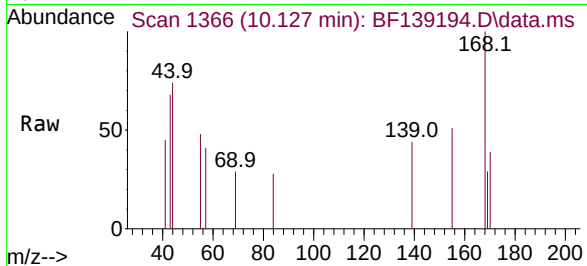




#56
4-Nitrophenol
Concen: 5.266 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.099 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

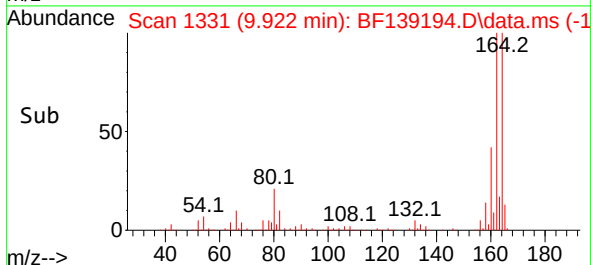
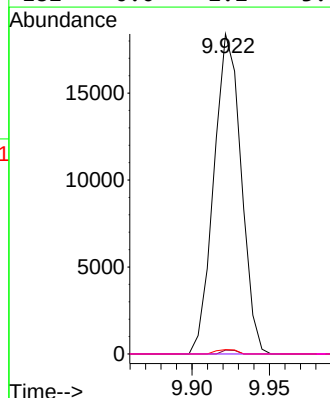
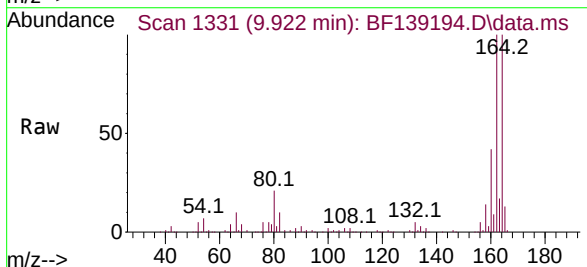
Instrument :
BNA_F
ClientSampleId :
WC-13

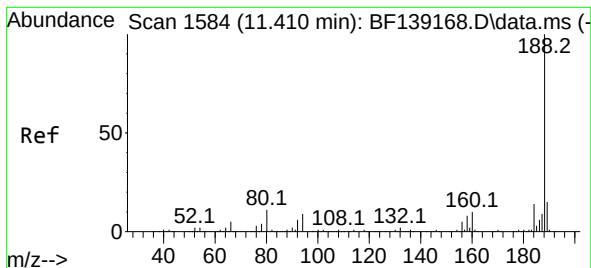
Tgt Ion:139 Resp: 213
Ion Ratio Lower Upper
139 100
109 0.0 68.2 108.2#
65 0.0 104.7 144.7#



#57
2,4-Dinitrotoluene
Concen: 13.056 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:165 Resp: 22558
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.4 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

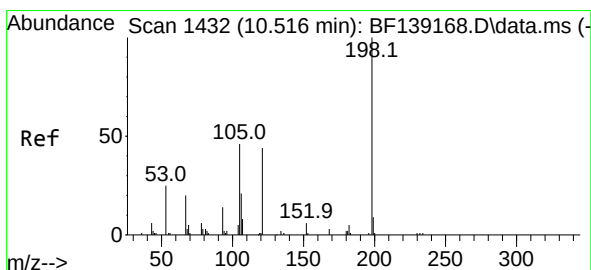
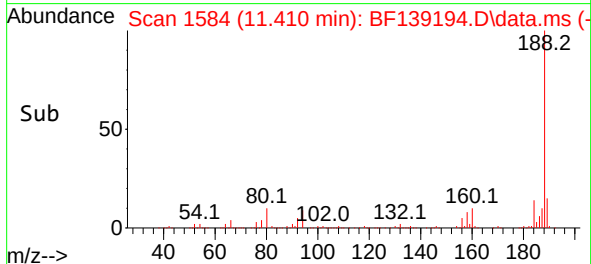
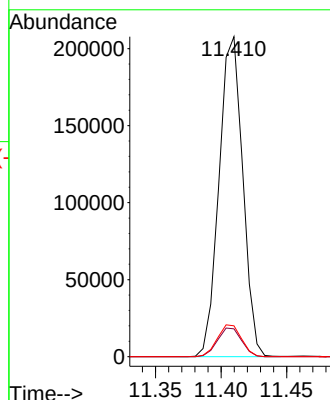
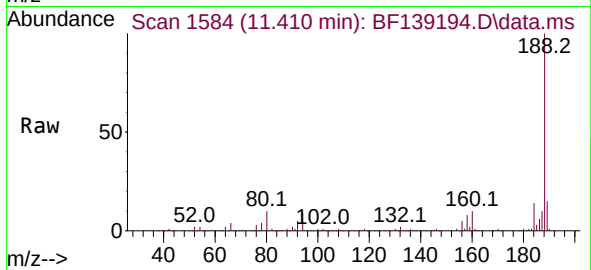
Tgt Ion:188 Resp: 261110

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.6 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.135 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

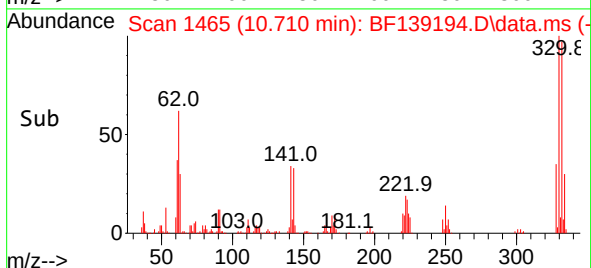
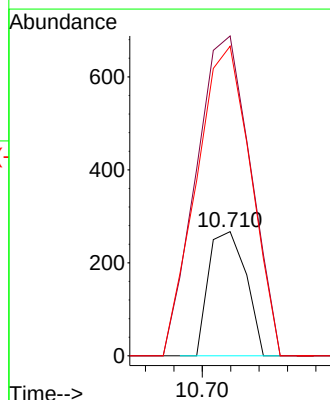
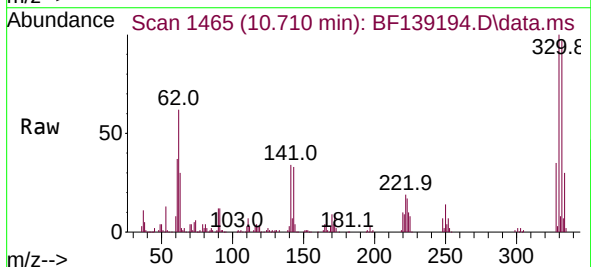
Tgt Ion:198 Resp: 244

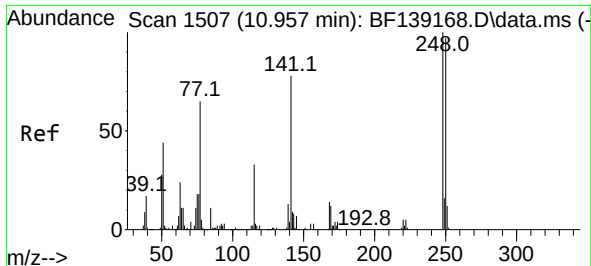
Ion Ratio Lower Upper

198 100

51 257.7 39.2 79.2#

105 249.4 29.3 69.3#

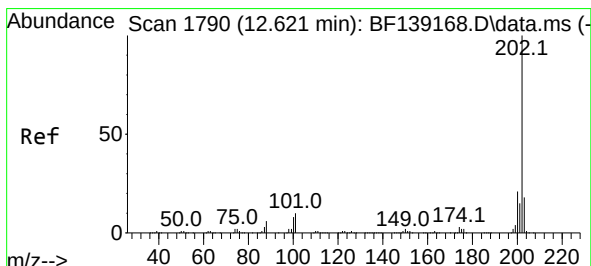
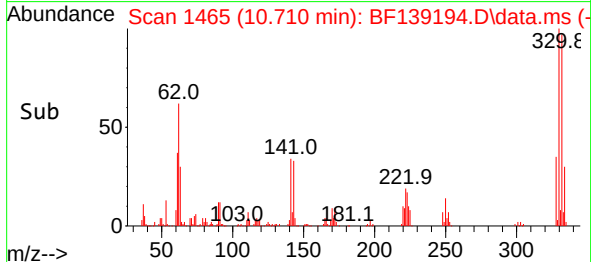
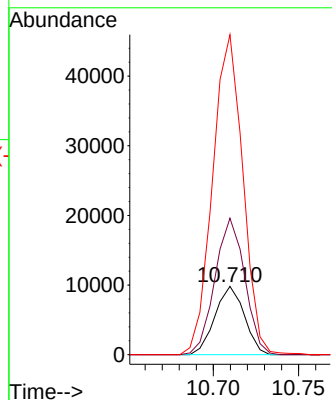
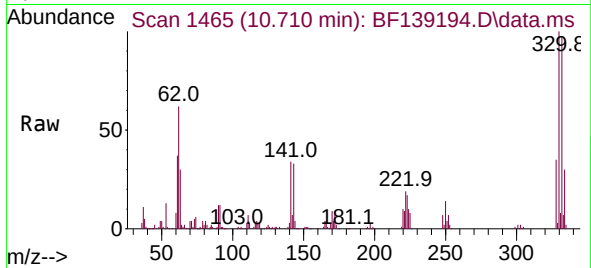




#67
4-Bromophenyl-phenylether
Concen: 4.236 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

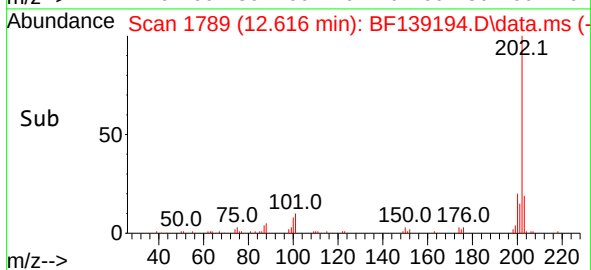
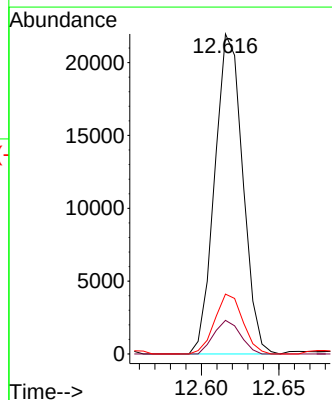
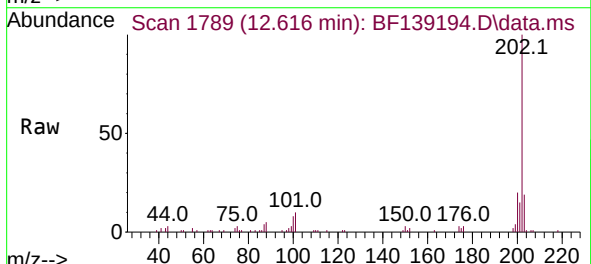
Instrument :
BNA_F
ClientSampleId :
WC-13

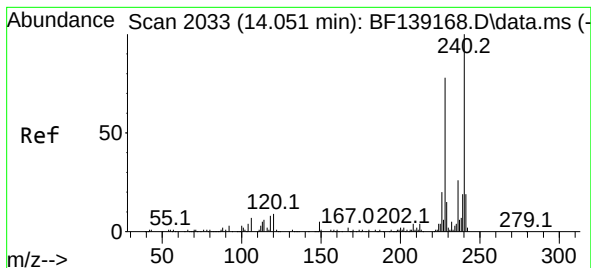
Tgt Ion:248 Resp: 11751
Ion Ratio Lower Upper
248 100
250 200.0 78.0 117.0#
141 468.7 62.6 94.0#



#75
Fluoranthene
Concen: 2.156 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:202 Resp: 27601
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.1
203 18.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

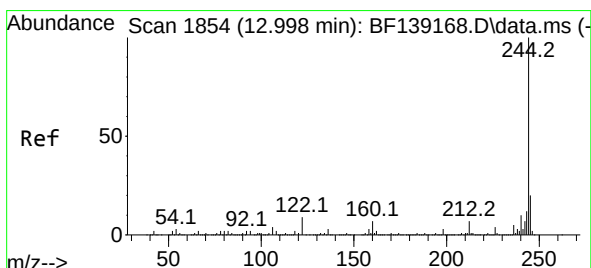
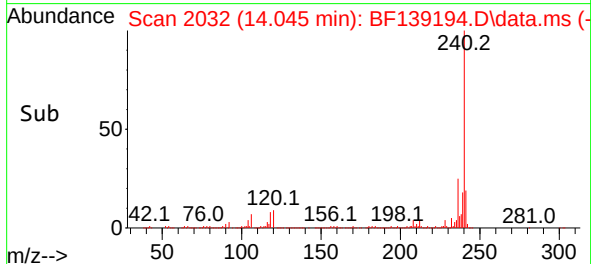
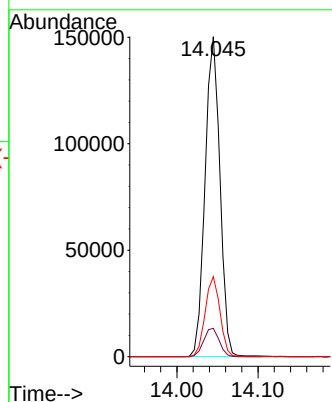
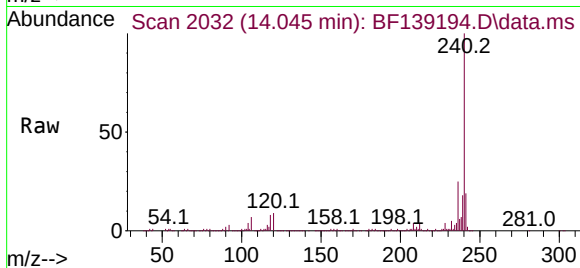
Tgt Ion:240 Resp: 190521

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 25.0 20.9 31.3



#79

Terphenyl-d14

Concen: 54.815 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

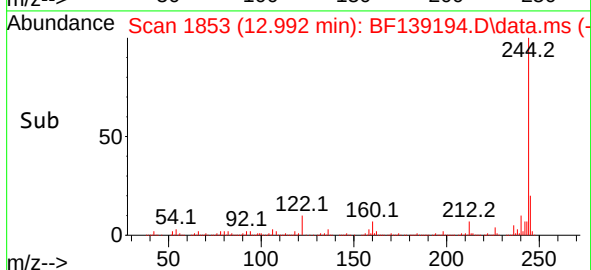
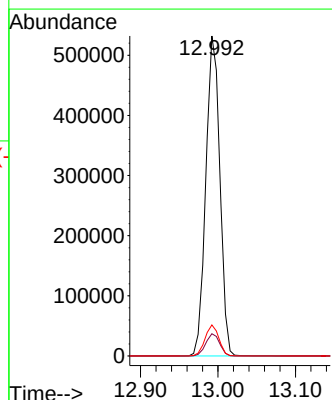
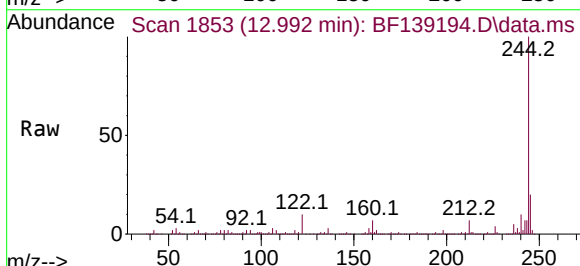
Tgt Ion:244 Resp: 669311

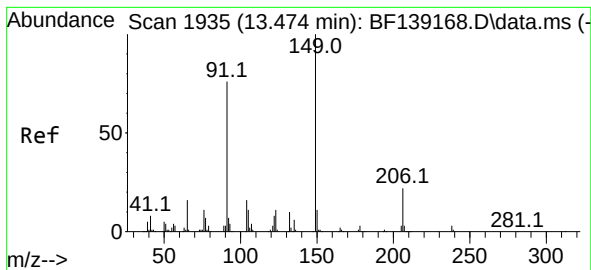
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.7 7.6 11.4





#80

Butylbenzylphthalate

Concen: 4.677 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

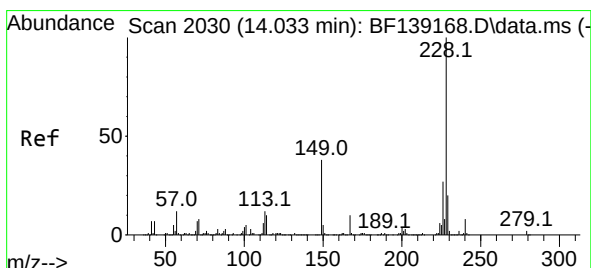
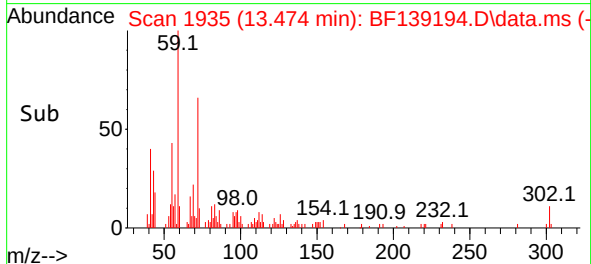
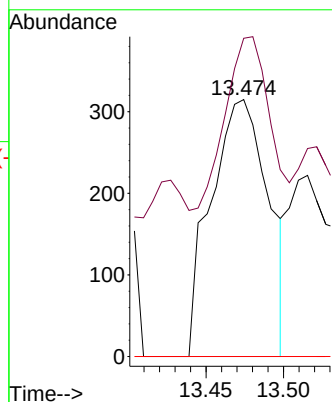
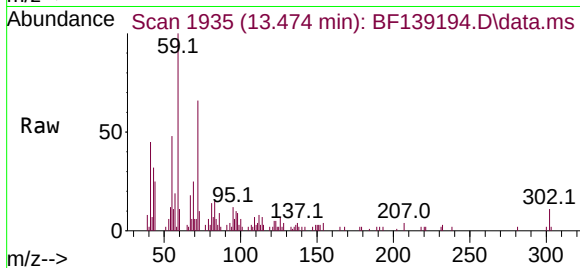
Instrument :

BNA_F

ClientSampleId :

WC-13

Tgt Ion:	149	Resp:	812
Ion	Ratio	Lower	Upper
149	100		
91	123.8	60.9	91.3#
206	0.0	17.7	26.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.455 ng

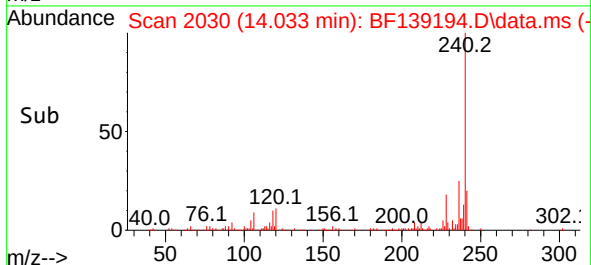
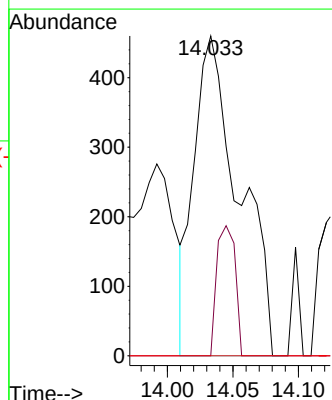
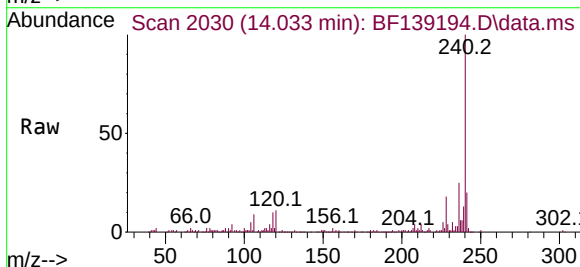
RT: 14.033 min Scan# 2030

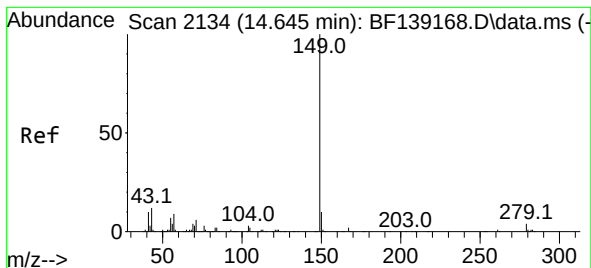
Delta R.T. 0.000 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Tgt Ion:	149	Resp:	1100
Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.3	31.9#
279	0.0	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 9.029 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

Instrument :

BNA_F

ClientSampleId :

WC-13

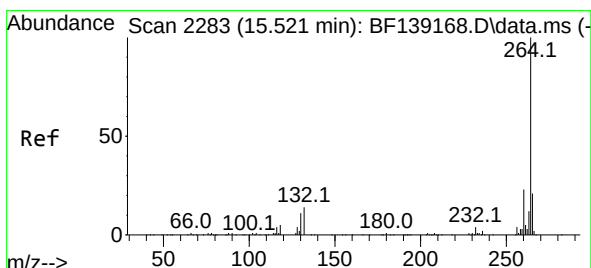
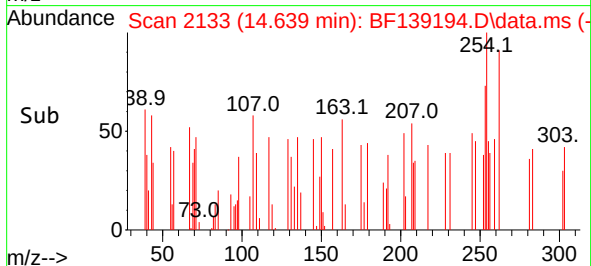
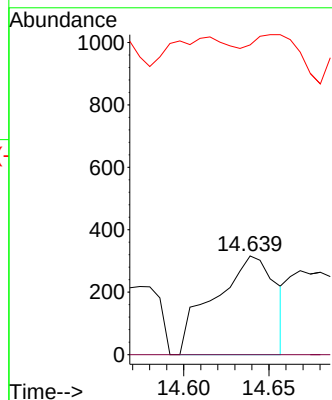
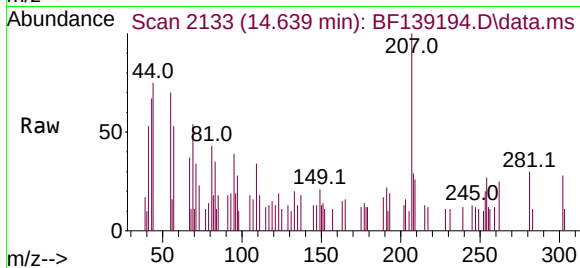
Tgt Ion:149 Resp: 789

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 9.9 14.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139194.D

Acq: 27 Aug 2024 18:56

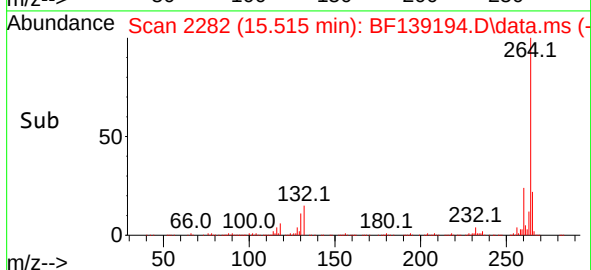
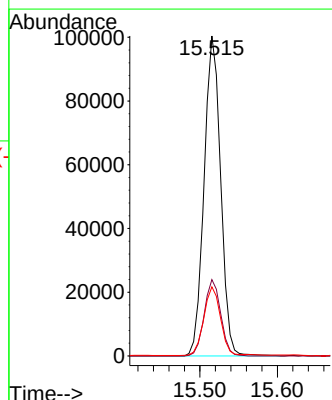
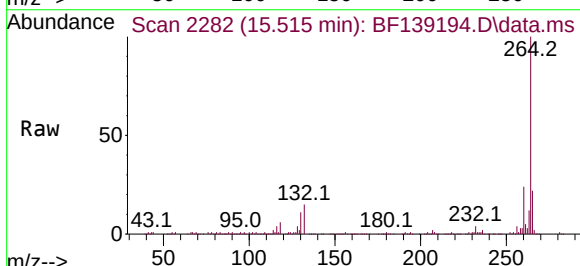
Tgt Ion:264 Resp: 149324

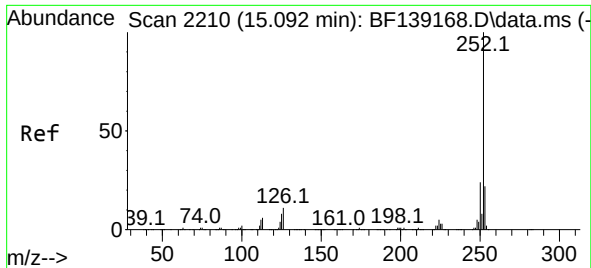
Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.6 17.0 25.6

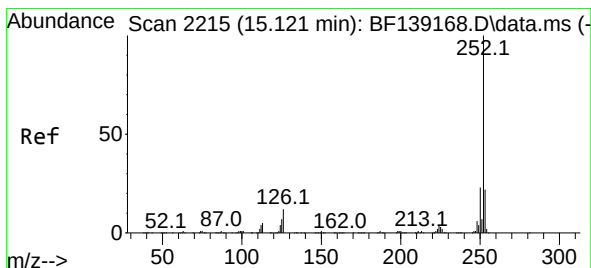
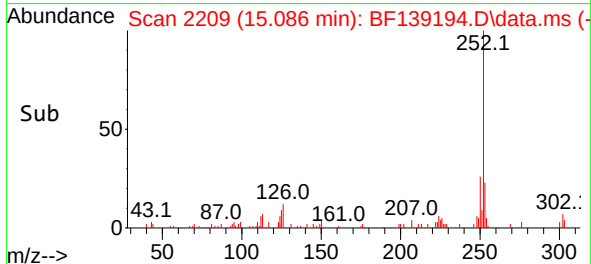
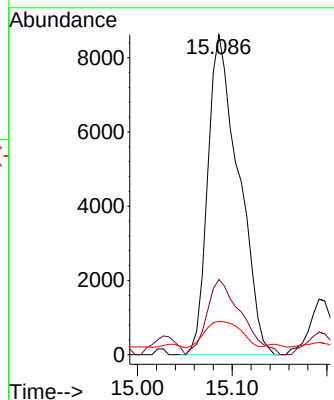
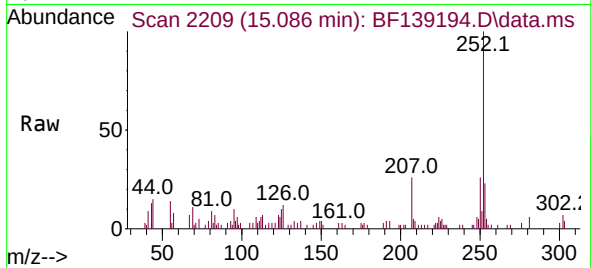




#88
Benzo(b)fluoranthene
Concen: 2.230 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Instrument :
BNA_F
ClientSampleId :
WC-13

Tgt Ion:252 Resp: 19477
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 10.4 6.7 10.1#



#89
Benzo(k)fluoranthene
Concen: 2.466 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.035 min
Lab File: BF139194.D
Acq: 27 Aug 2024 18:56

Tgt Ion:252 Resp: 19477
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 10.4 6.5 9.7#

