

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
 Data File : BF139130.D
 Acq On : 22 Aug 2024 18:50
 Operator : RC/JU
 Sample : P3660-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-902-J-0-0.5-081624DL

Quant Time: Aug 23 00:35:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

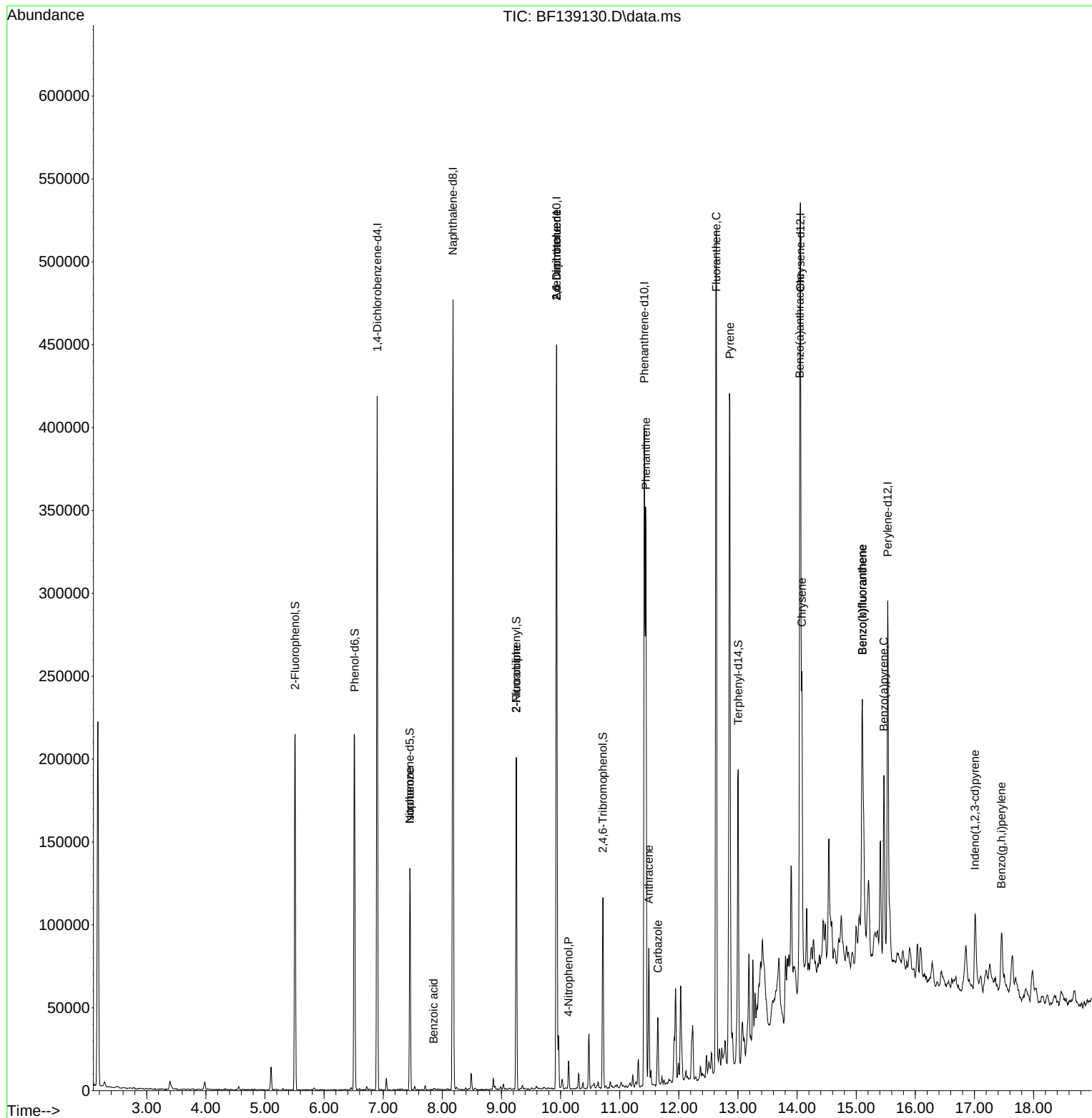
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	79112	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	266147	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	127618	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	202035	20.000	ng	0.00
76) Chrysene-d12	14.057	240	153592	20.000	ng	0.00
86) Perylene-d12	15.533	264	120624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	70618	13.733	ng	0.00
7) Phenol-d6	6.516	99	89977	13.542	ng	0.00
23) Nitrobenzene-d5	7.451	82	55015	12.045	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	15668	13.562	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	79760	9.916	ng	0.00
79) Terphenyl-d14	13.004	244	79317	8.569	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.451	82	54947	5.660	ng	# 69
32) Benzoic acid	7.851	122	53	8.364	ng	# 86
48) 2-Nitroaniline	9.251	65	115	5.707	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	16586	14.025	ng	# 17
56) 4-Nitrophenol	10.133	139	2755	2.313	ng	# 1
57) 2,4-Dinitrotoluene	9.933	165	16586	12.950	ng	# 17
71) Phenanthrene	11.445	178	181347	17.660	ng	99
72) Anthracene	11.492	178	45437	4.524	ng	99
73) Carbazole	11.645	167	21136	2.254	ng	97
75) Fluoranthene	12.633	202	282521	25.776	ng	98
78) Pyrene	12.863	202	225314	17.579	ng	99
81) Benzo(a)anthracene	14.045	228	103430	10.244	ng	97
83) Chrysene	14.080	228	90616	9.902	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	35514	5.031	ng	94
88) Benzo(b)fluoranthene	15.104	252	120460	15.318	ng	97
89) Benzo(k)fluoranthene	15.104	252	120460	18.392	ng	97
90) Benzo(a)pyrene	15.468	252	61283	9.862	ng	97
92) Benzo(g,h,i)perylene	17.456	276	33784	7.600	ng	98

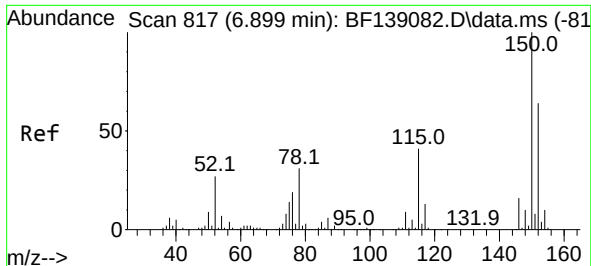
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082224\
Data File : BF139130.D
Acq On : 22 Aug 2024 18:50
Operator : RC/JU
Sample : P3660-03DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

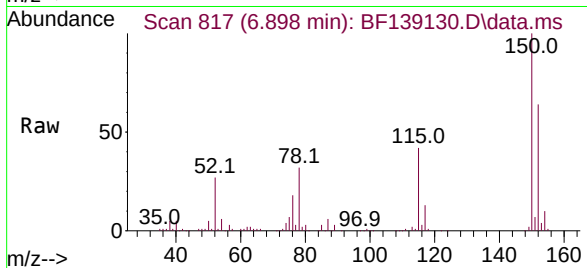
Quant Time: Aug 23 00:35:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration



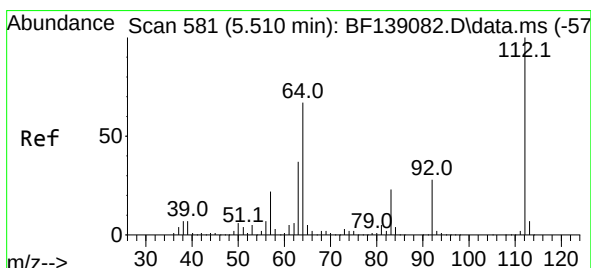
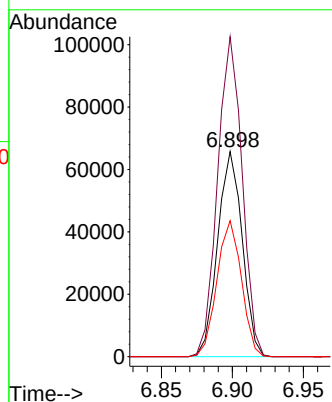
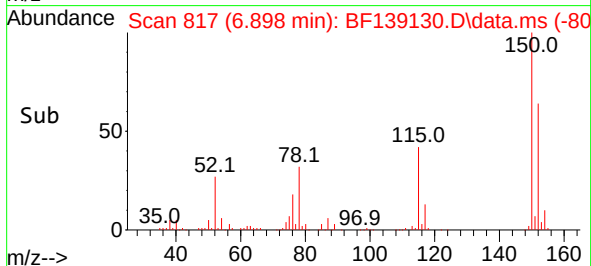


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

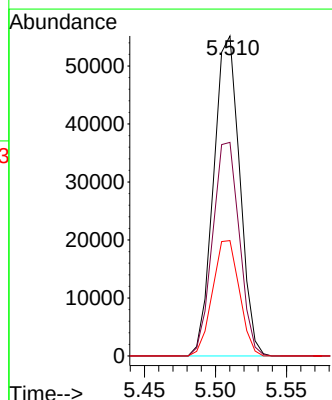
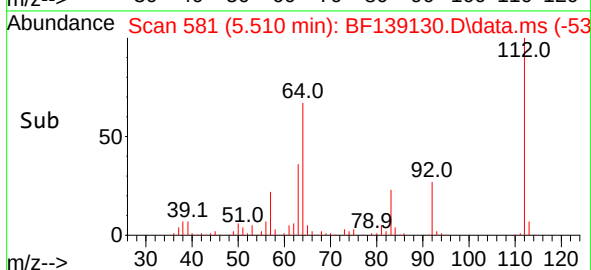
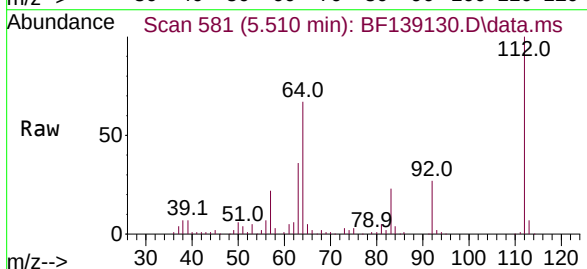


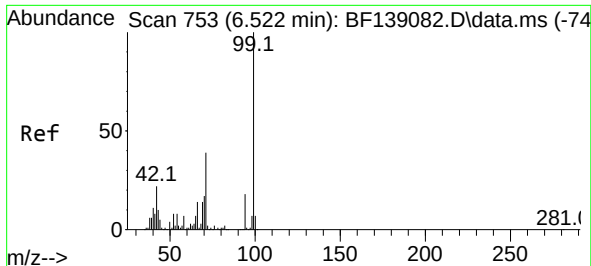
Tgt Ion:152 Resp: 79112
Ion Ratio Lower Upper
152 100
150 156.0 125.1 187.7
115 66.3 51.8 77.6



#5
2-Fluorophenol
Concen: 13.733 ng
RT: 5.510 min Scan# 581
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:112 Resp: 70618
Ion Ratio Lower Upper
112 100
64 66.7 53.8 80.6
63 36.0 29.4 44.2

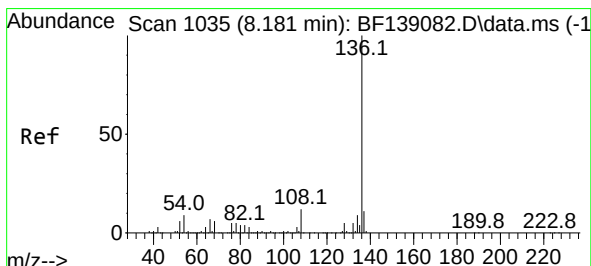
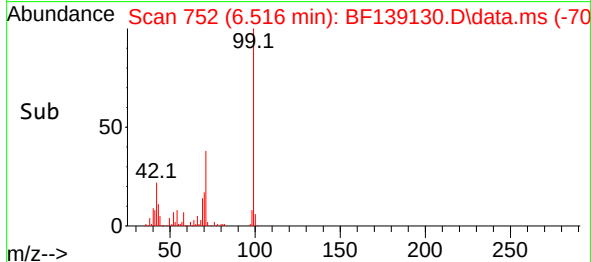
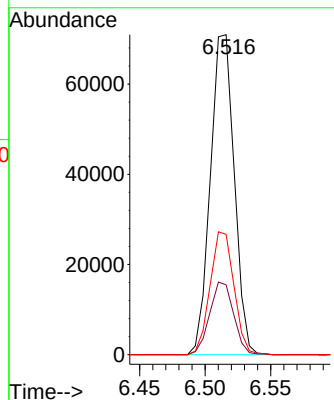
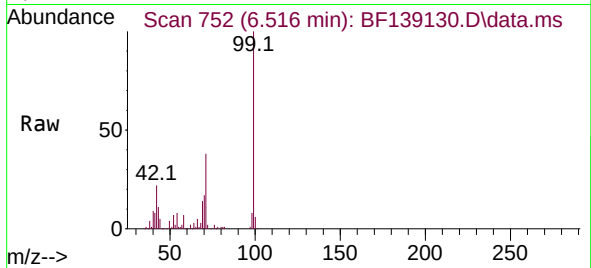




#7
Phenol-d6
Concen: 13.542 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

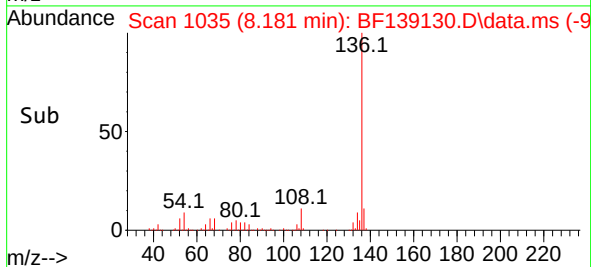
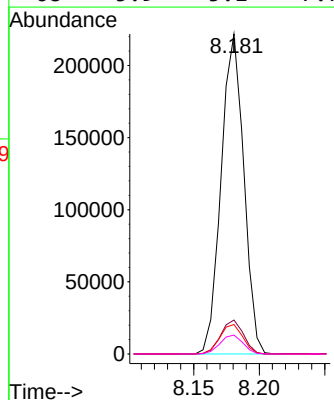
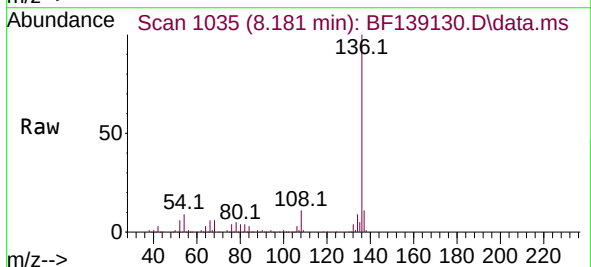
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

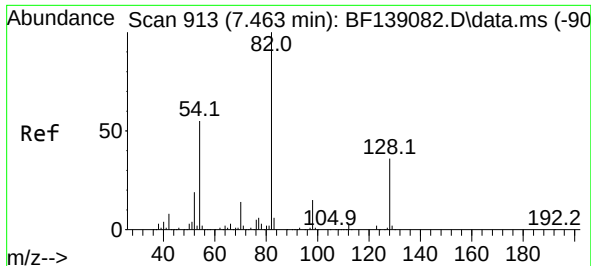
Tgt Ion: 99 Resp: 89977
Ion Ratio Lower Upper
99 100
42 21.8 17.4 26.2
71 37.6 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion: 136 Resp: 266147
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.2 7.6 11.4
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 12.045 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

Instrument :

BNA_F

ClientSampleId :

S-902-J-0-0.5-081624DL

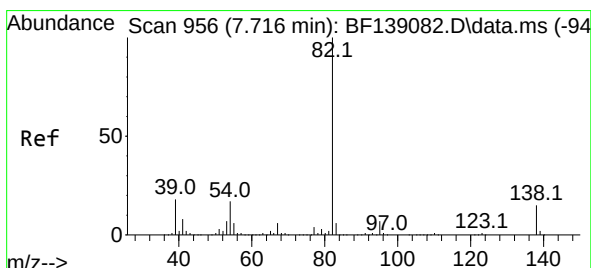
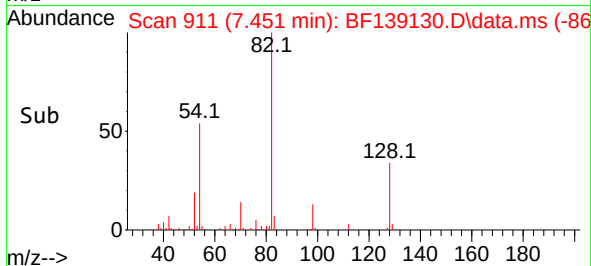
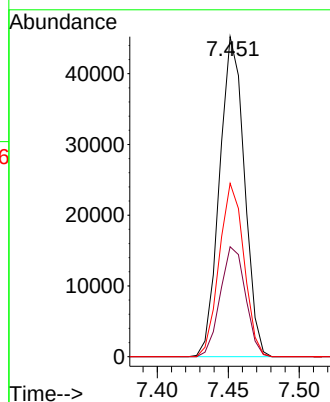
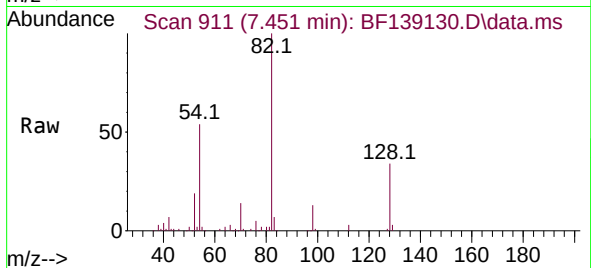
Tgt Ion: 82 Resp: 55015

Ion Ratio Lower Upper

82 100

128 34.4 29.0 43.4

54 54.2 43.4 65.2



#25

Isophorone

Concen: 5.660 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

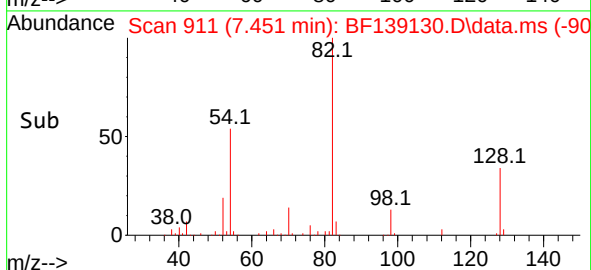
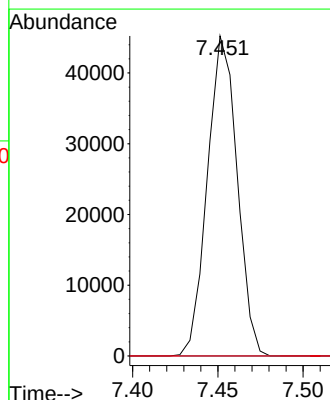
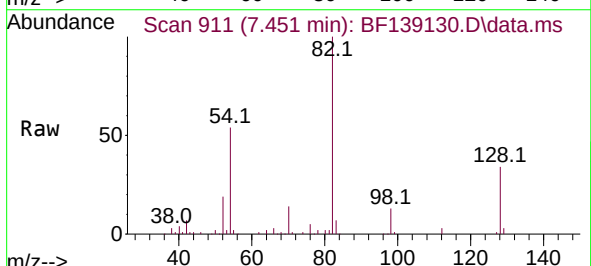
Tgt Ion: 82 Resp: 54947

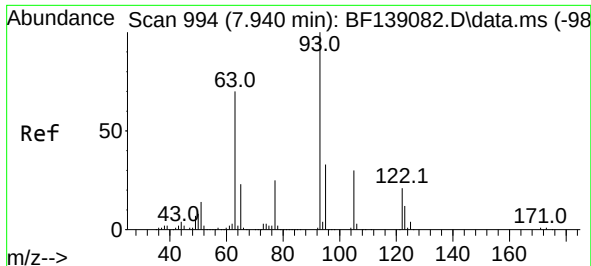
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 11.8 17.8#

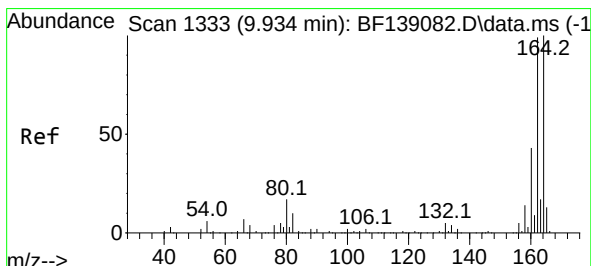
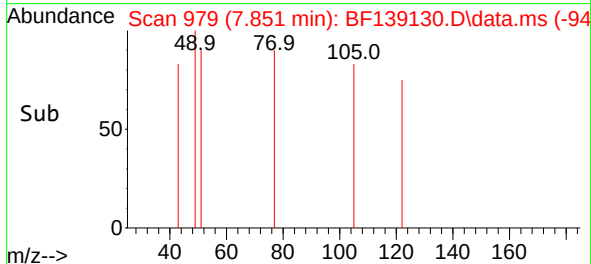
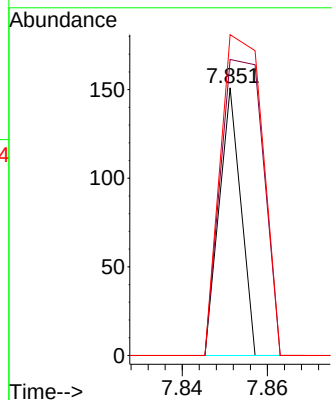
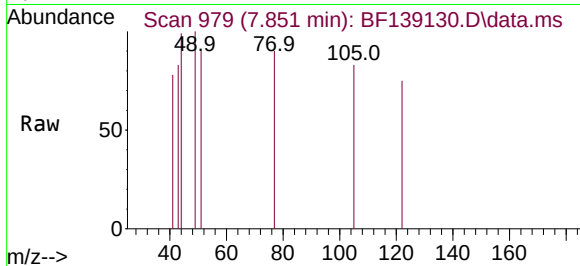




#32
Benzoic acid
Concen: 8.364 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

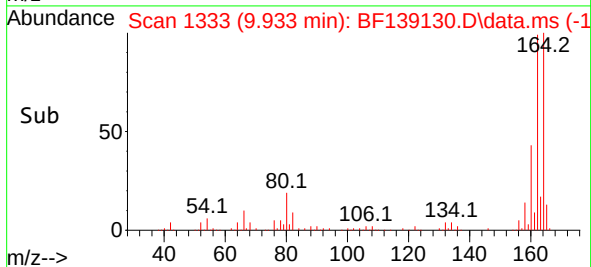
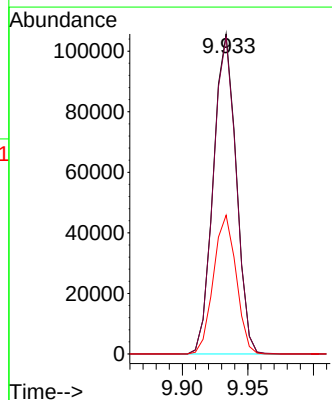
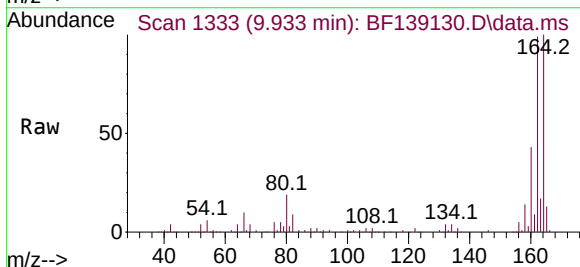
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

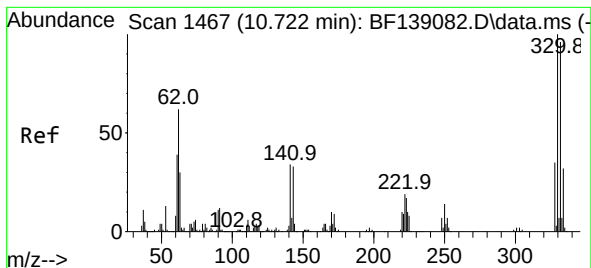
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 110.6 119.6 159.6#
77 119.9 97.6 137.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

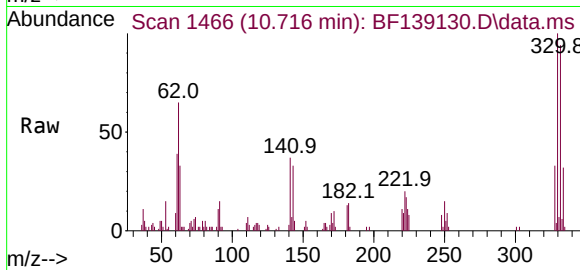
Tgt Ion:164 Resp: 127618
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 43.4 34.5 51.7





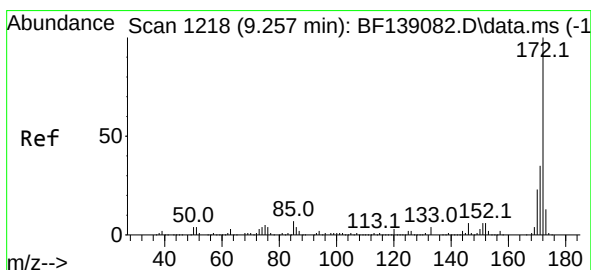
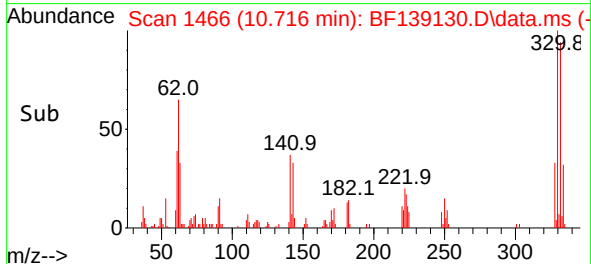
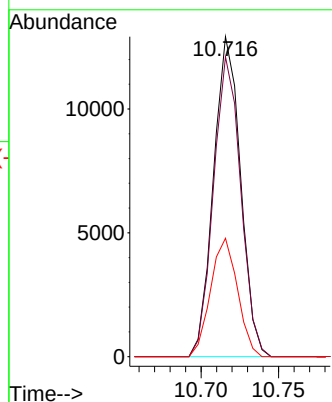
#42
2,4,6-Tribromophenol
Concen: 13.562 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL



Tgt Ion: 330 Resp: 15668

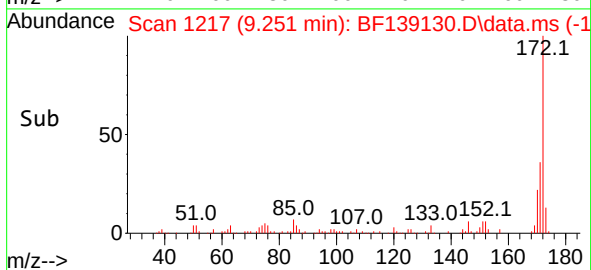
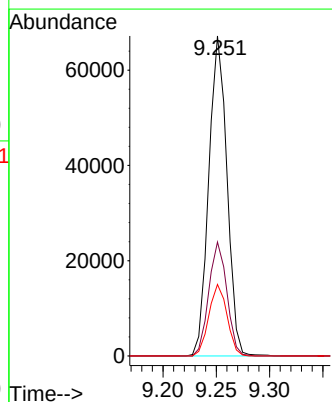
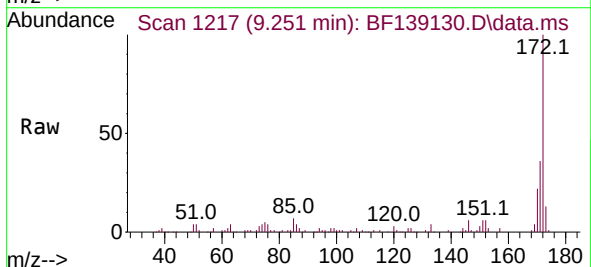
Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	36.9	27.5	41.3

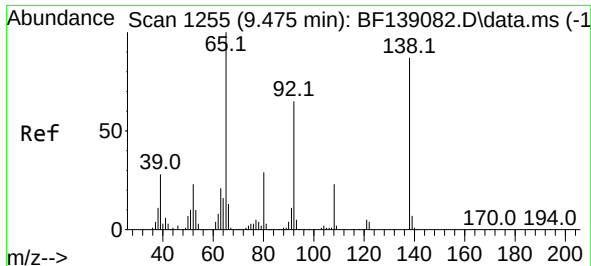


#45
2-Fluorobiphenyl
Concen: 9.916 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion: 172 Resp: 79760

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	22.3	18.8	28.2

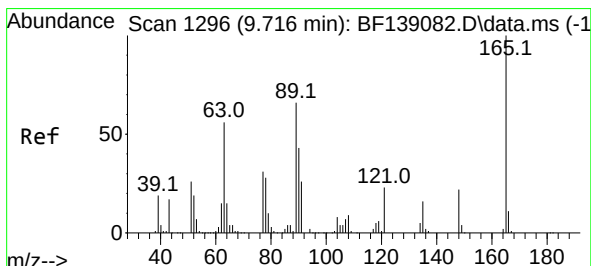
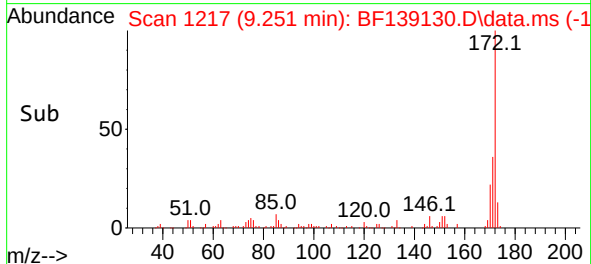
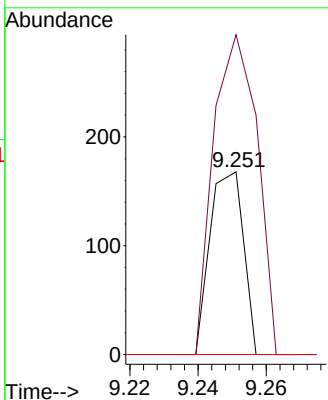
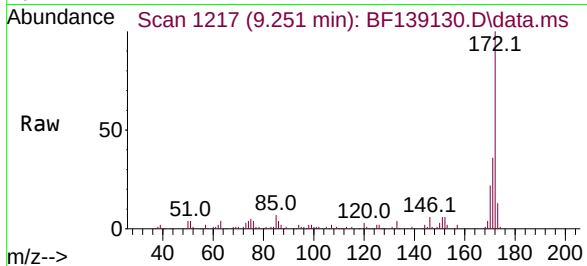




#48
2-Nitroaniline
Concen: 5.707 ng
RT: 9.251 min Scan# 1115
Delta R.T. -0.224 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

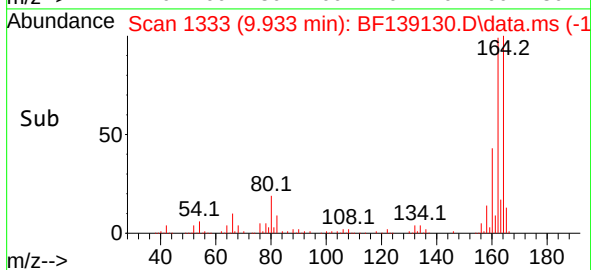
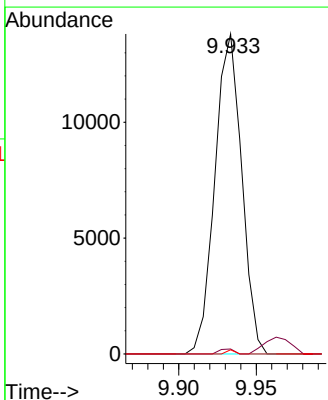
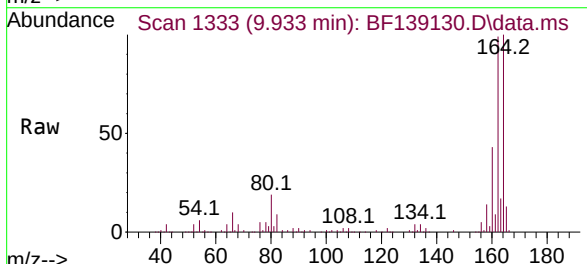
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

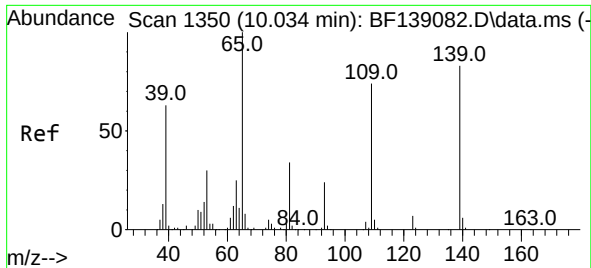
Tgt Ion: 65 Resp: 115
Ion Ratio Lower Upper
65 100
92 175.0 52.4 78.6#
138 0.0 69.4 104.0#



#51
2,6-Dinitrotoluene
Concen: 14.025 ng
RT: 9.933 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion: 165 Resp: 16586
Ion Ratio Lower Upper
165 100
63 1.6 58.0 87.0#
89 1.3 53.3 79.9#

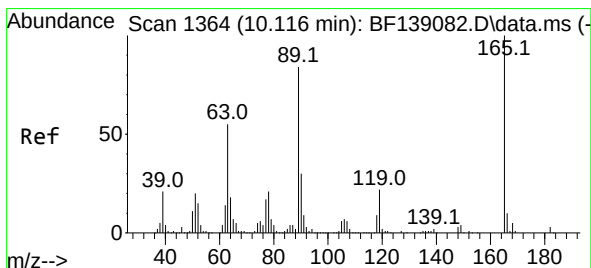
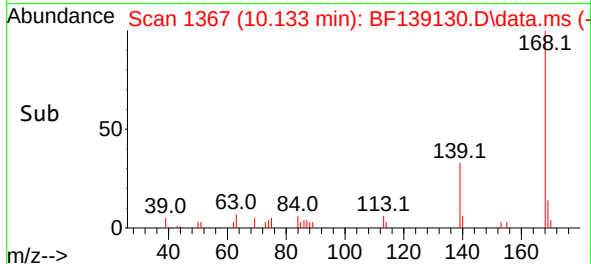
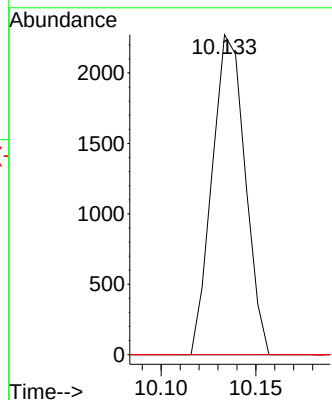
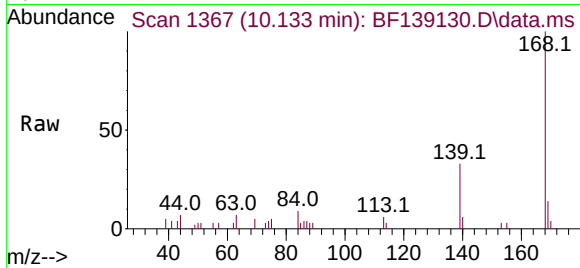




#56
4-Nitrophenol
Concen: 2.313 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.099 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

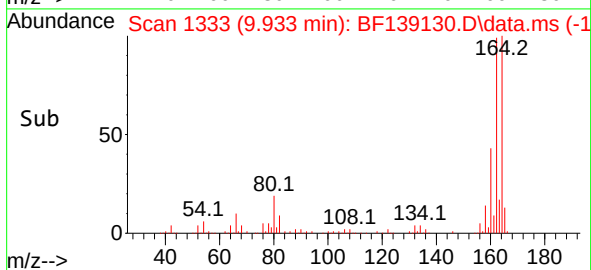
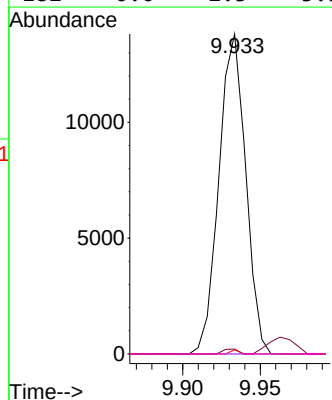
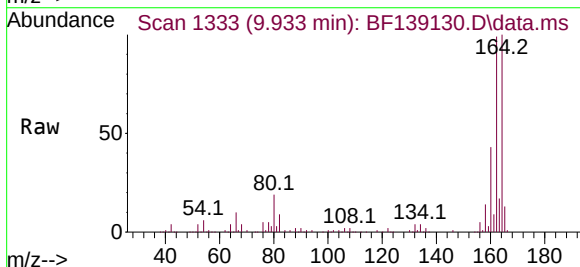
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

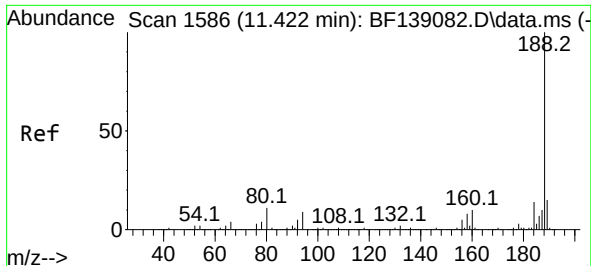
Tgt Ion:139 Resp: 2755
Ion Ratio Lower Upper
139 100
109 0.0 68.8 108.8#
65 0.0 101.3 141.3#



#57
2,4-Dinitrotoluene
Concen: 12.950 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.183 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:165 Resp: 16586
Ion Ratio Lower Upper
165 100
63 1.6 44.2 66.4#
89 1.3 67.4 101.2#
182 0.0 2.3 3.5#

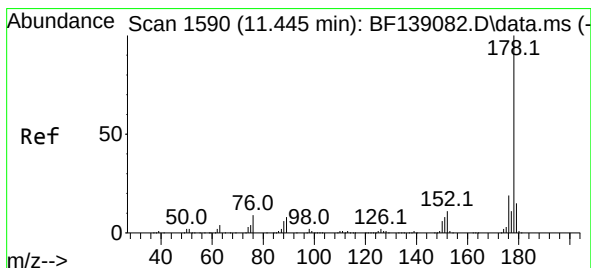
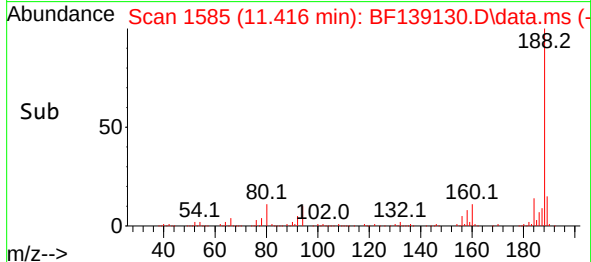
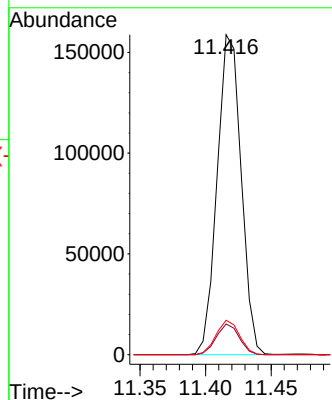
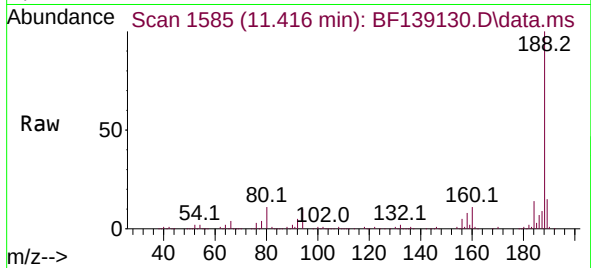




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

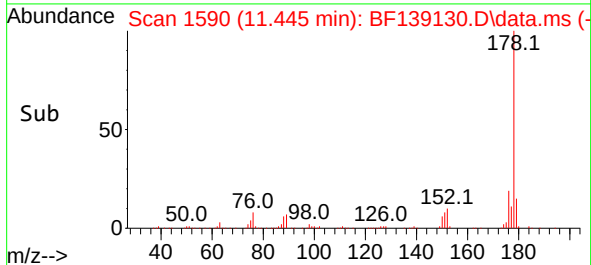
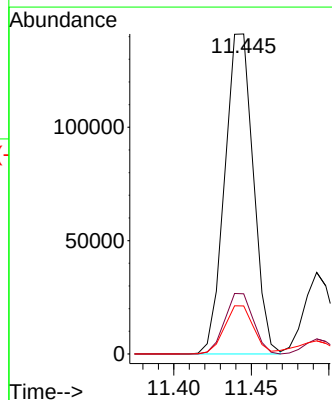
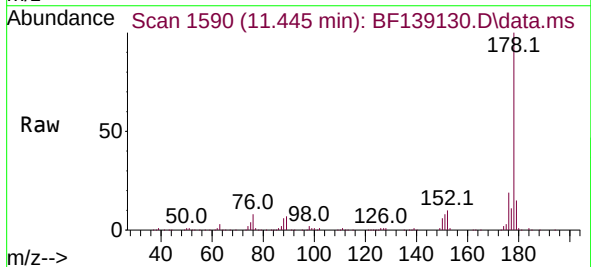
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

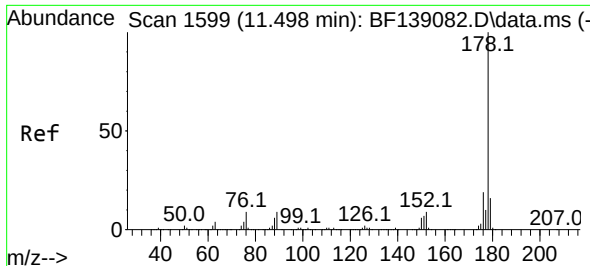
Tgt Ion:188 Resp: 202035
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.7 8.5 12.7



#71
Phenanthrene
Concen: 17.660 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:178 Resp: 181347
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.0 12.3 18.5

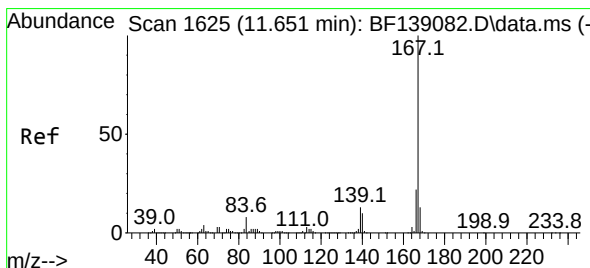
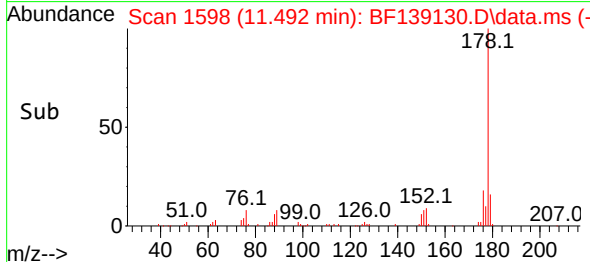
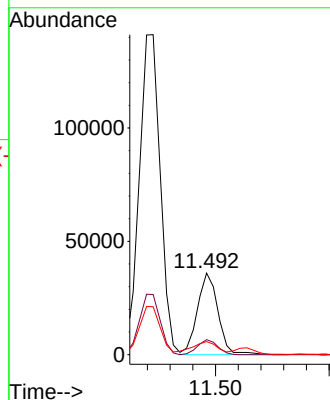
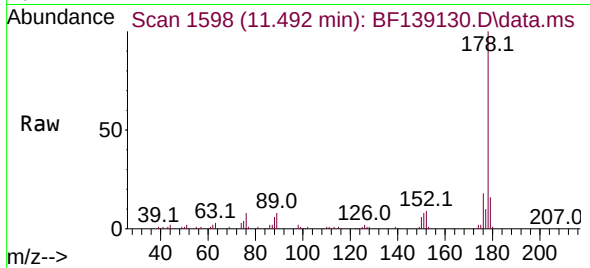




#72
Anthracene
Concen: 4.524 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

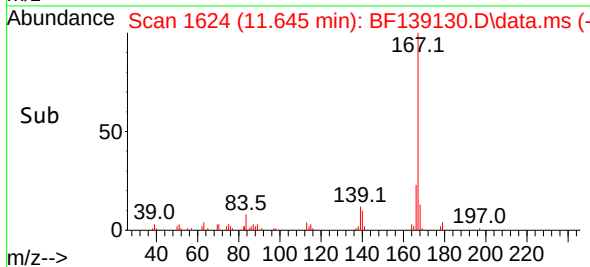
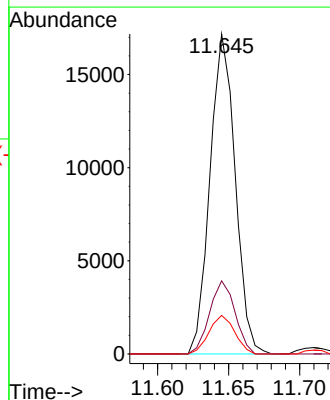
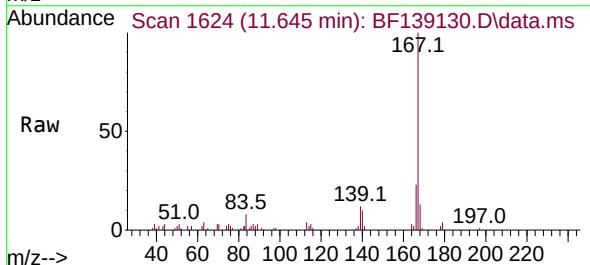
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

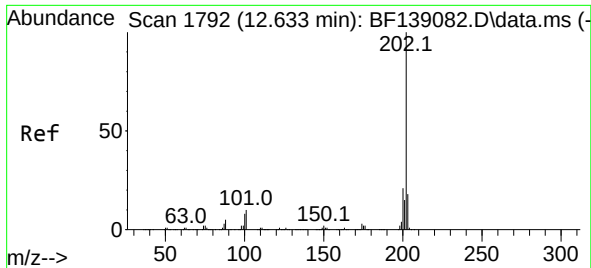
Tgt Ion:178 Resp: 45437
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 16.1 12.4 18.6



#73
Carbazole
Concen: 2.254 ng
RT: 11.645 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:167 Resp: 21136
Ion Ratio Lower Upper
167 100
166 22.8 17.3 25.9
139 12.0 10.5 15.7

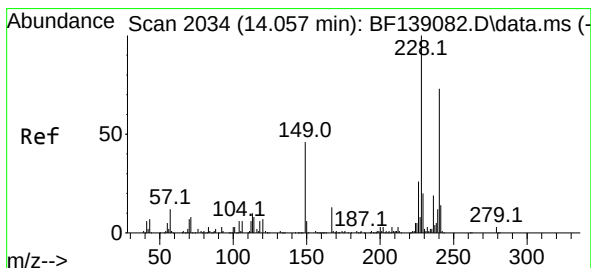
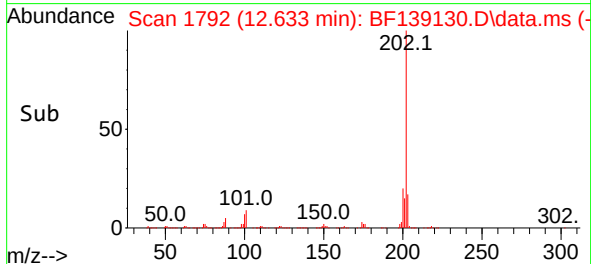
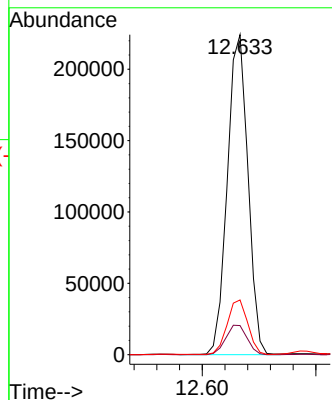
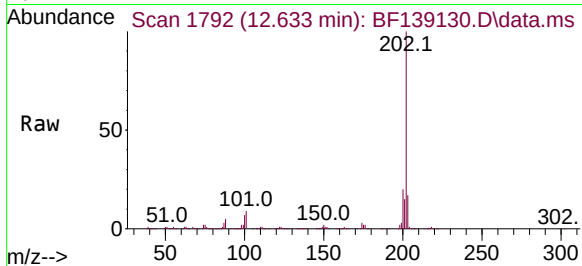




#75
Fluoranthene
Concen: 25.776 ng
RT: 12.633 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

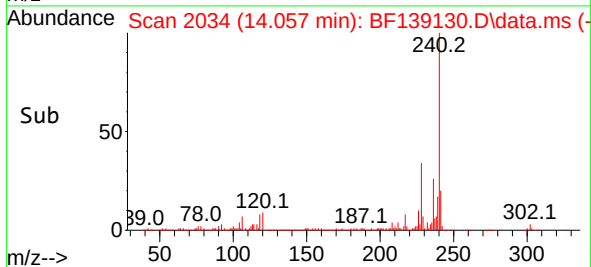
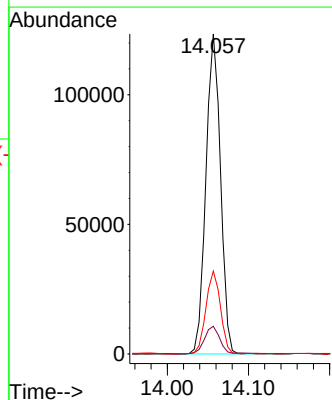
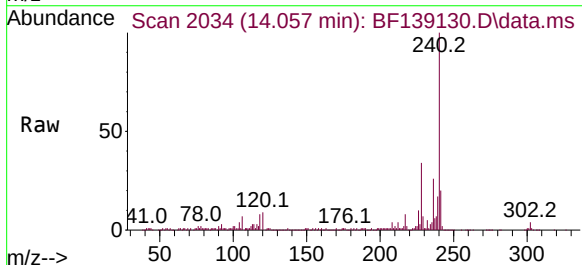
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

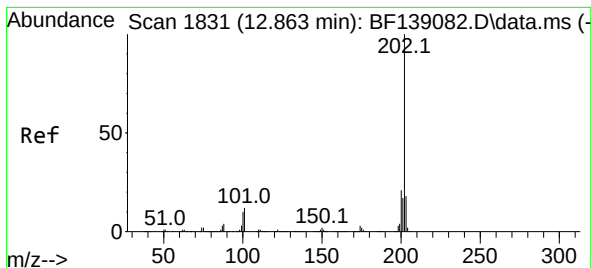
Tgt Ion:202 Resp: 282521
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.2
203 17.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:240 Resp: 153592
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.9 20.9 31.3





#78

Pyrene

Concen: 17.579 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

Instrument :

BNA_F

ClientSampleId :

S-902-J-0-0.5-081624DL

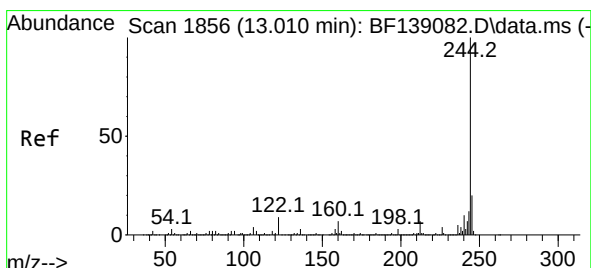
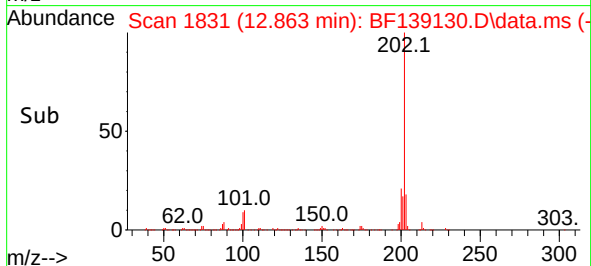
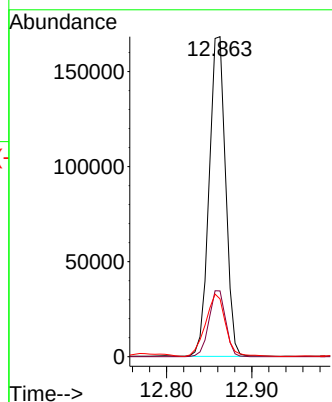
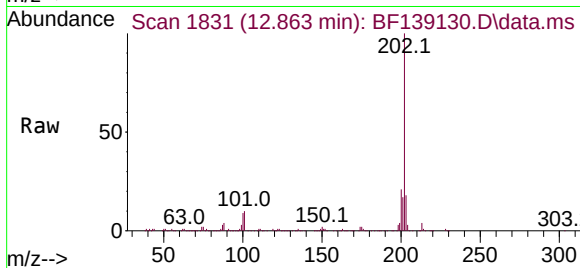
Tgt Ion:202 Resp: 225314

Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.6

203 18.0 14.1 21.1



#79

Terphenyl-d14

Concen: 8.569 ng

RT: 13.004 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

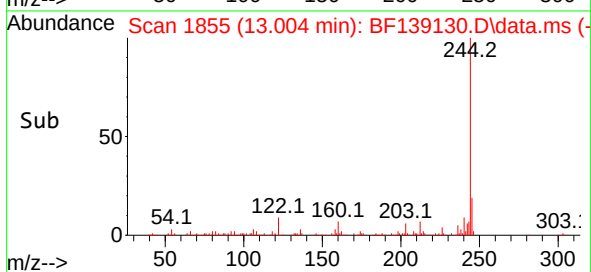
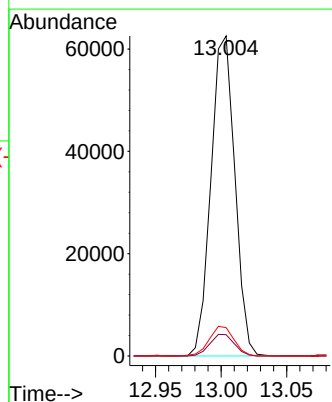
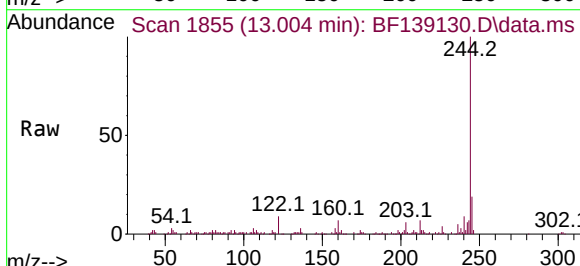
Tgt Ion:244 Resp: 79317

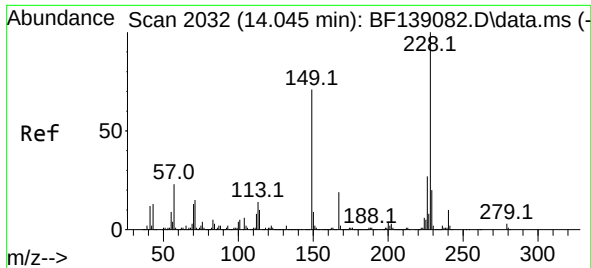
Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

122 8.9 7.6 11.4

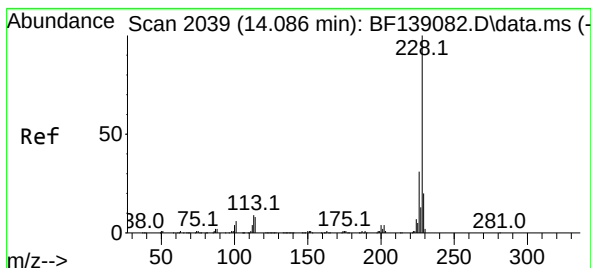
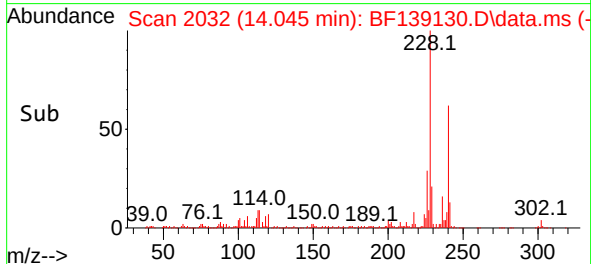
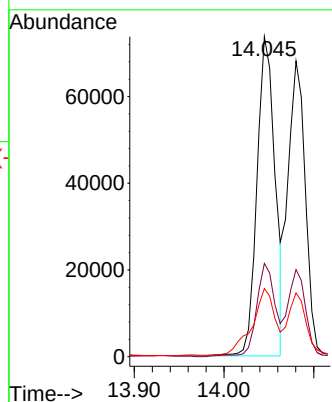
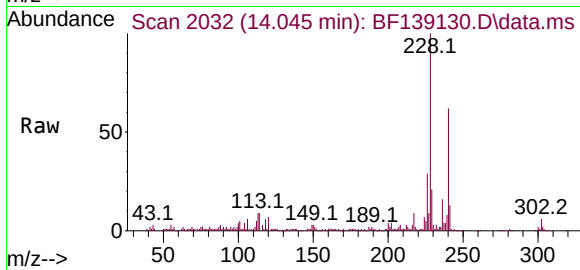




#81
Benzo(a)anthracene
Concen: 10.244 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

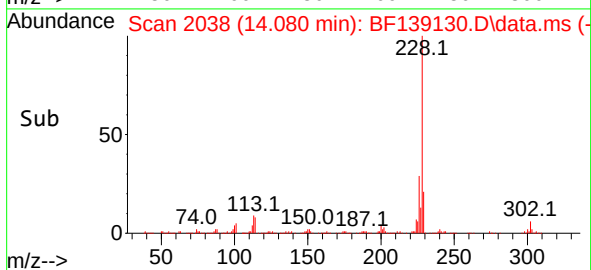
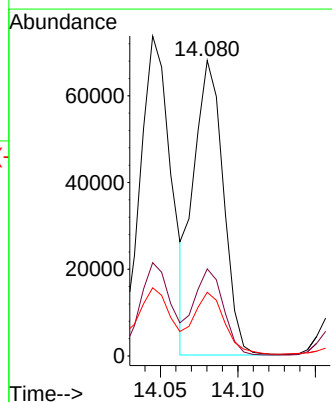
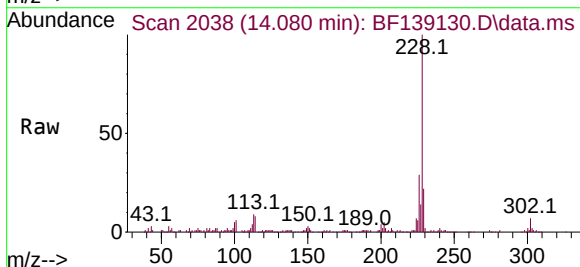
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

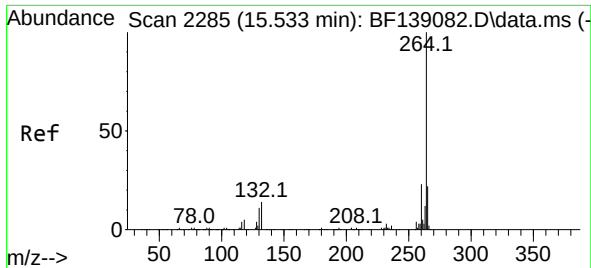
Tgt Ion:228 Resp: 103430
Ion Ratio Lower Upper
228 100
226 29.2 21.9 32.9
229 21.3 16.1 24.1



#83
Chrysene
Concen: 9.902 ng
RT: 14.080 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:228 Resp: 90616
Ion Ratio Lower Upper
228 100
226 29.5 24.3 36.5
229 21.6 15.8 23.8

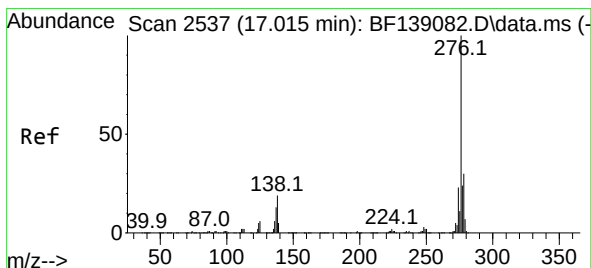
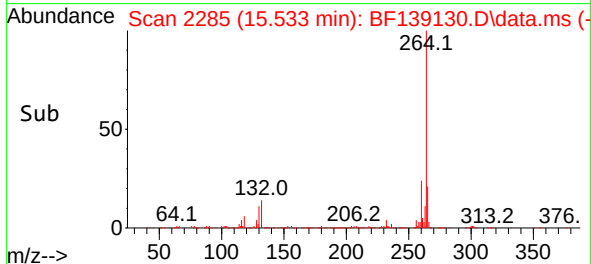
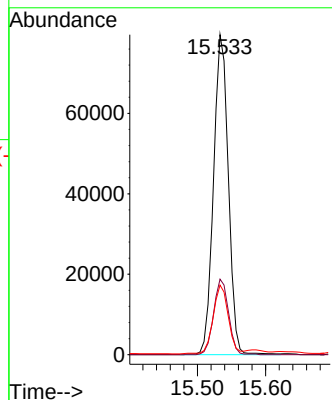
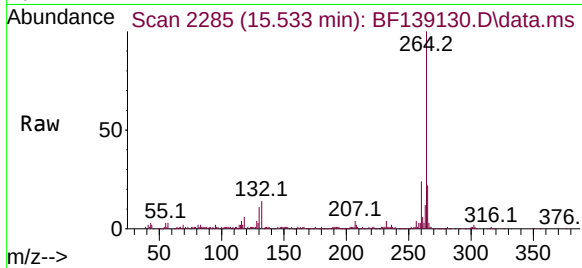




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

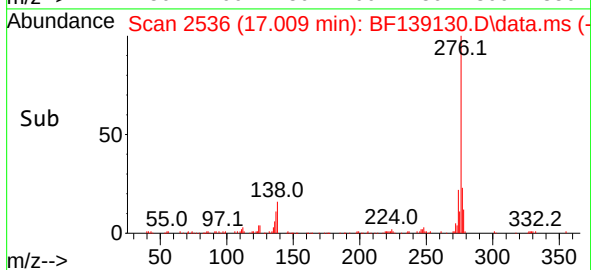
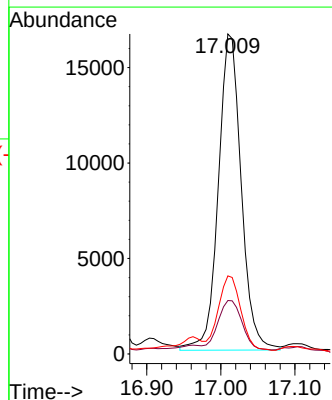
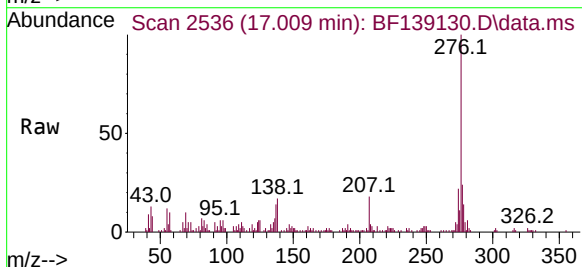
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

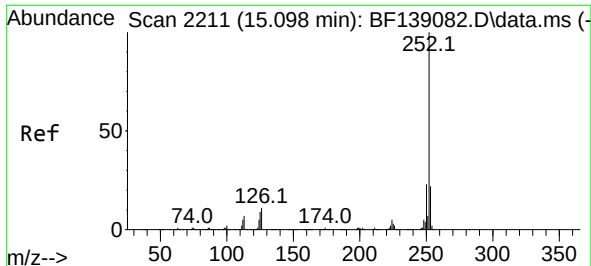
Tgt Ion:	264	Resp:	120624
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	27.8
265	21.8	17.4	26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.031 ng
RT: 17.009 min Scan# 2536
Delta R.T. -0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:	276	Resp:	35514
Ion Ratio	Lower	Upper	
276	100		
138	17.4	17.3	25.9
277	23.2	20.2	30.4

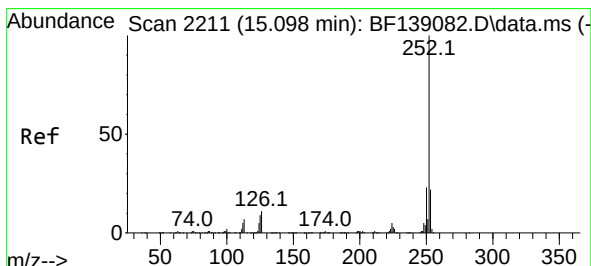
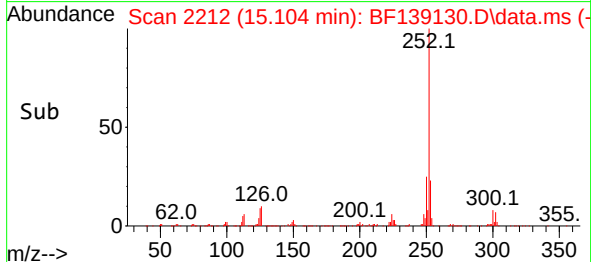
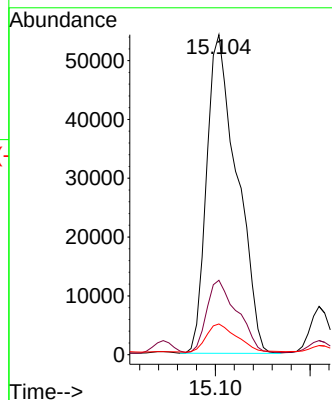
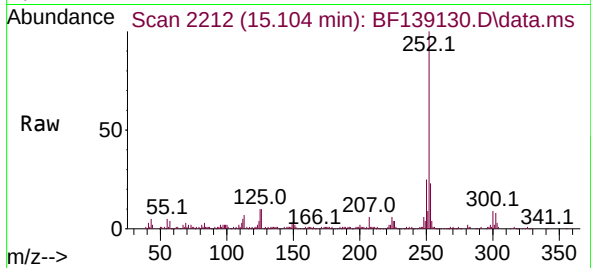




#88
Benzo(b)fluoranthene
Concen: 15.318 ng
RT: 15.104 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

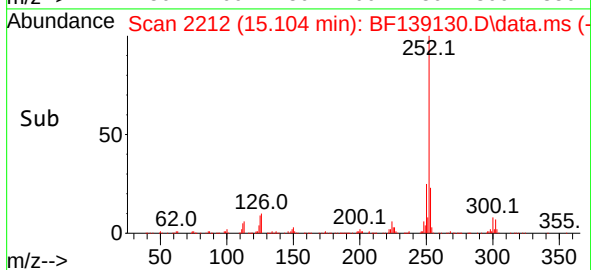
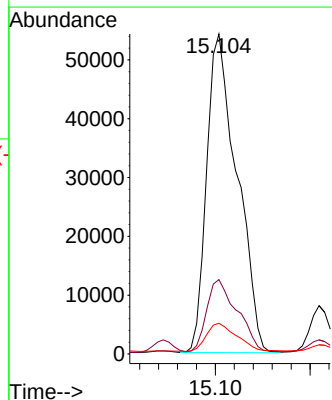
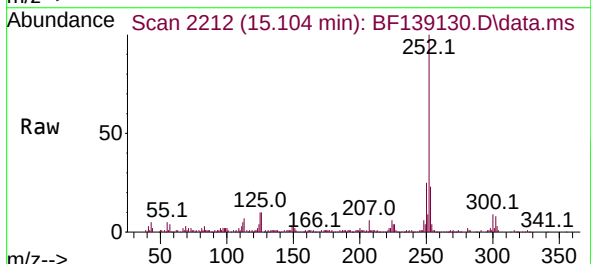
Instrument :
BNA_F
ClientSampleId :
S-902-J-0-0.5-081624DL

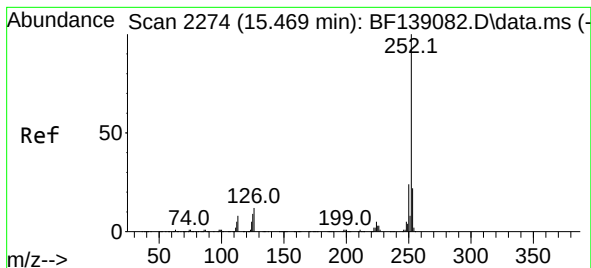
Tgt Ion:252 Resp: 120460
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 9.6 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 18.392 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.030 min
Lab File: BF139130.D
Acq: 22 Aug 2024 18:50

Tgt Ion:252 Resp: 120460
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 9.6 7.0 10.6





#90

Benzo(a)pyrene

Concen: 9.862 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

Instrument :

BNA_F

ClientSampleId :

S-902-J-0-0.5-081624DL

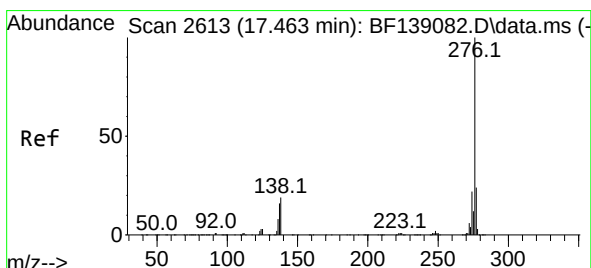
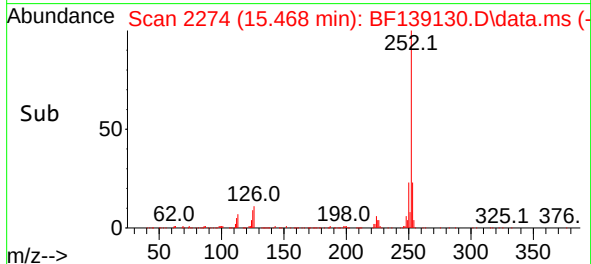
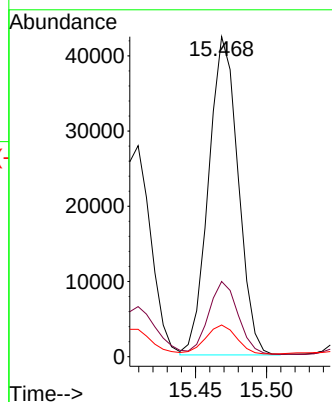
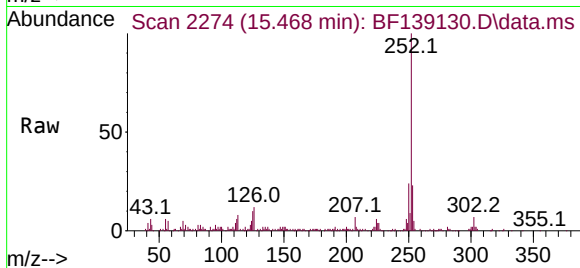
Tgt Ion:252 Resp: 61283

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 9.9 7.4 11.2



#92

Benzo(g,h,i)perylene

Concen: 7.600 ng

RT: 17.456 min Scan# 2612

Delta R.T. -0.007 min

Lab File: BF139130.D

Acq: 22 Aug 2024 18:50

Tgt Ion:276 Resp: 33784

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 16.7 15.0 22.4

