

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139445.D
 Acq On : 19 Sep 2024 00:32
 Operator : RC/JU
 Sample : P4009-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34B

Quant Time: Sep 19 01:32:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

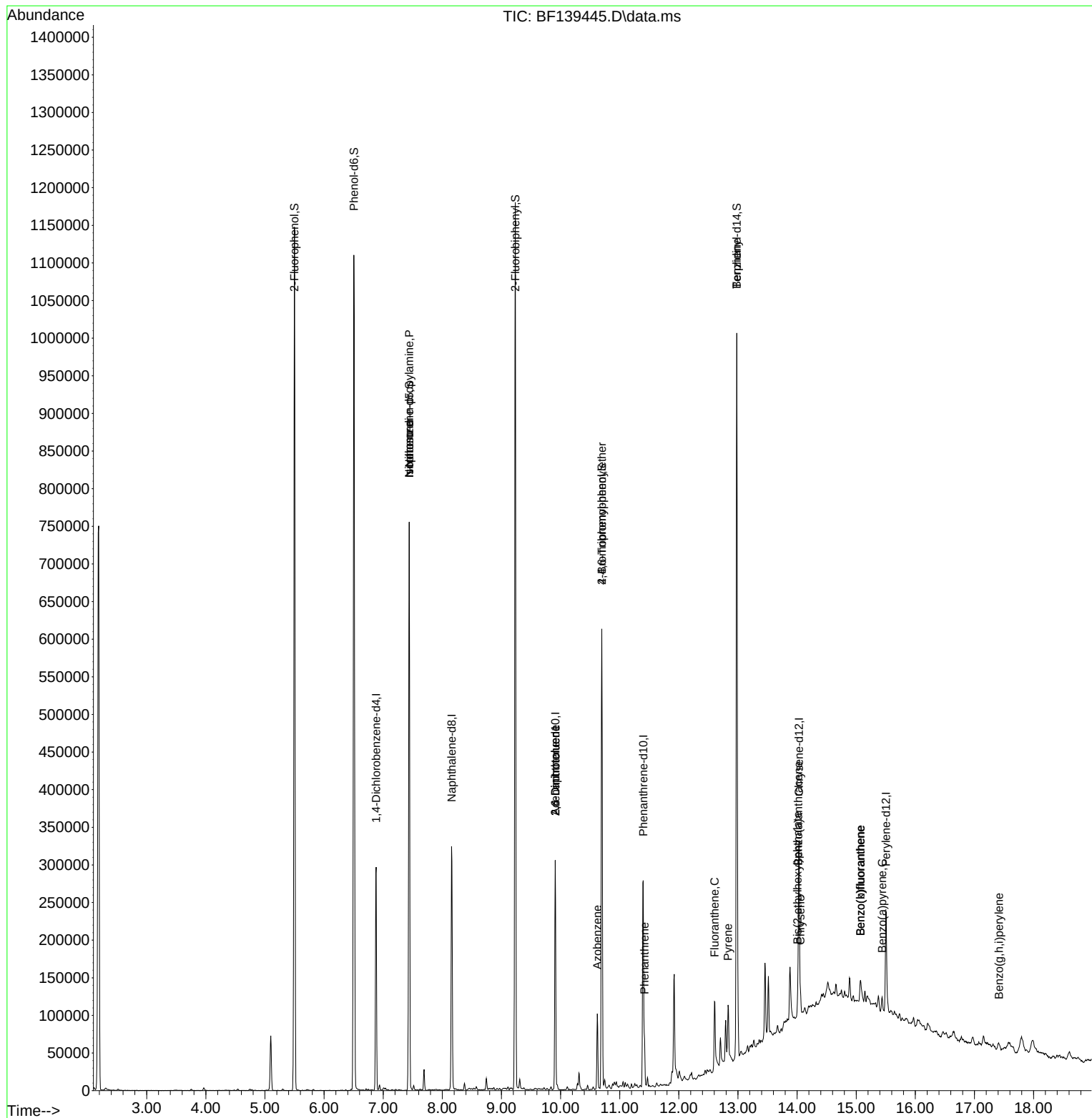
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	57944	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	188539	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	84308	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	147668	20.000	ng	0.00
76) Chrysene-d12	14.033	240	95829	20.000	ng	0.00
86) Perylene-d12	15.504	264	77582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	363587	102.364	ng	0.00
7) Phenol-d6	6.504	99	461724	99.037	ng	0.00
23) Nitrobenzene-d5	7.439	82	307534	76.682	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	86245	96.088	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	483556	80.443	ng	0.00
79) Terphenyl-d14	12.980	244	443518	75.967	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	41979	15.195	ng	# 75
25) Isophorone	7.439	82	307530	48.486	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	10792	8.804	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	10792	6.521	ng	# 16
63) Azobenzene	10.622	77	24935	4.440	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6113	4.177	ng	# 1
71) Phenanthrene	11.421	178	33038	4.637	ng	99
75) Fluoranthene	12.604	202	49267	6.475	ng	97
77) Benzidine	12.980	184	7424	5.407	ng	# 83
78) Pyrene	12.833	202	42380	5.151	ng	97
81) Benzo(a)anthracene	14.021	228	18645	2.937	ng	# 86
83) Chrysene	14.057	228	15179	2.599	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.010	149	7470	2.097	ng	# 95
88) Benzo(b)fluoranthene	15.074	252	22151	4.629	ng	# 92
89) Benzo(k)fluoranthene	15.074	252	22151	5.021	ng	# 91
90) Benzo(a)pyrene	15.439	252	11303	2.848	ng	# 86
92) Benzo(g,h,i)perylene	17.415	276	8891	2.356	ng	94

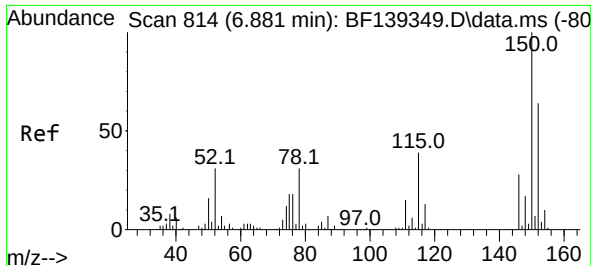
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-B-34B

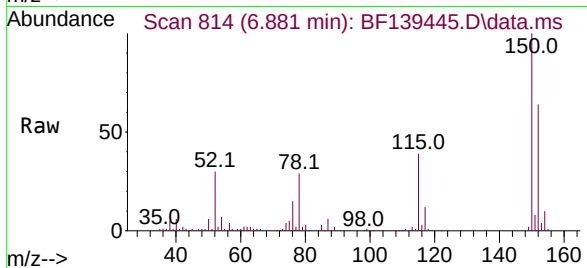
Quant Time: Sep 19 01:32:26 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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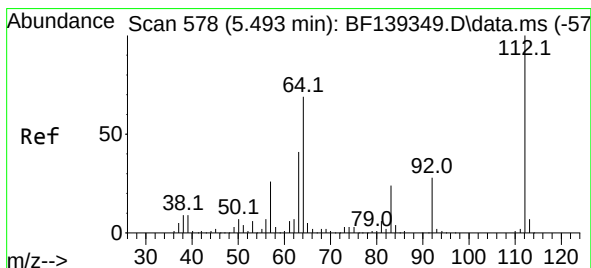
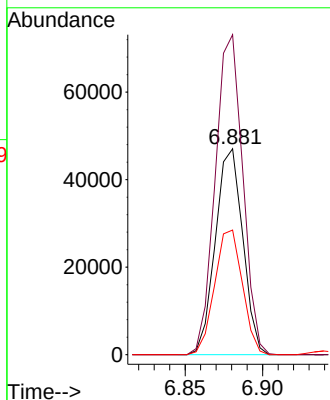
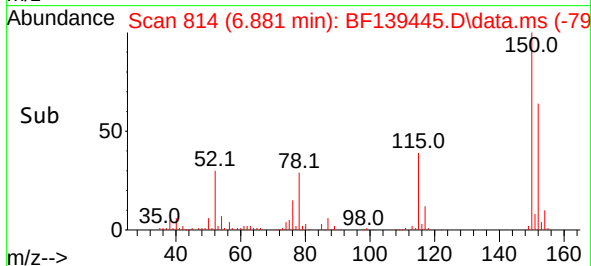


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

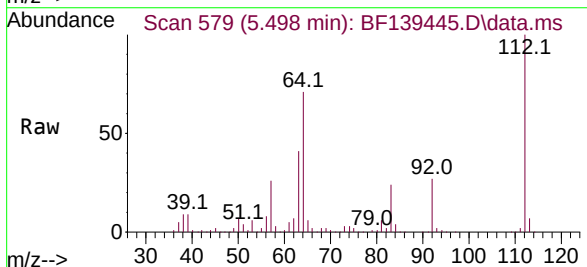
Instrument :
BNA_F
ClientSampleId :
DN-B-34B



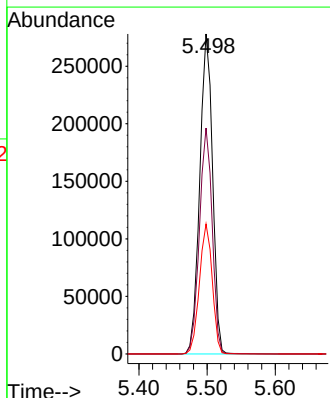
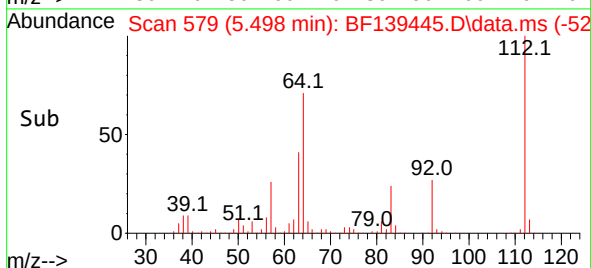
Tgt Ion:152 Resp: 57944
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 60.5 48.1 72.1

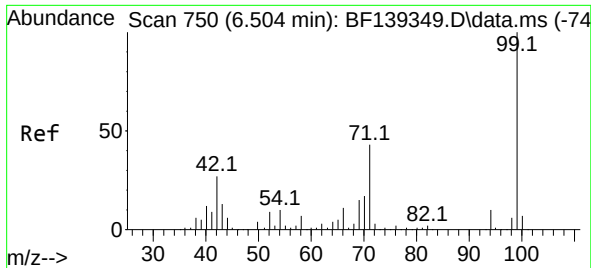


#5
2-Fluorophenol
Concen: 102.364 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



Tgt Ion:112 Resp: 363587
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 40.6 33.0 49.4

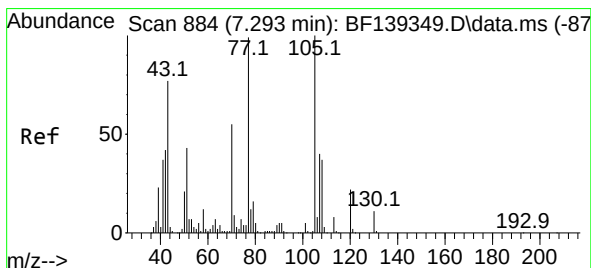
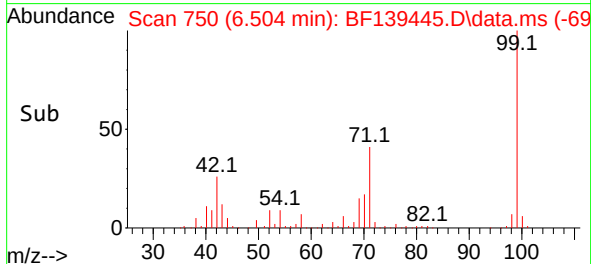
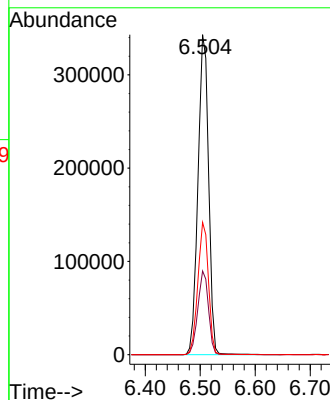
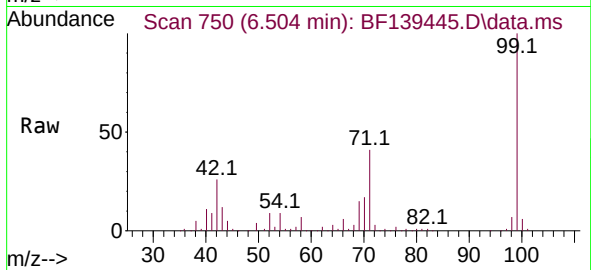




#7
Phenol-d6
Concen: 99.037 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

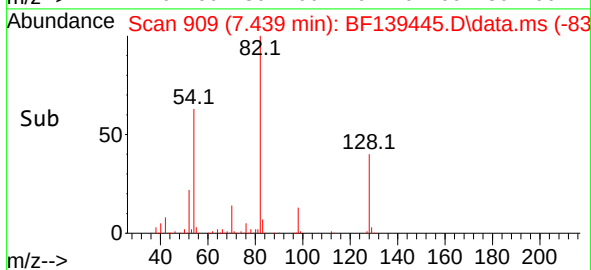
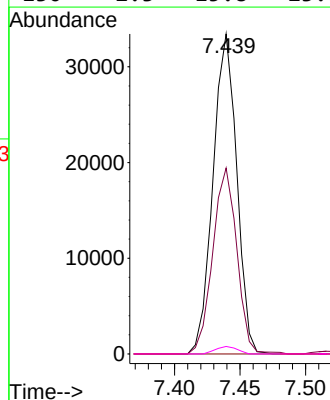
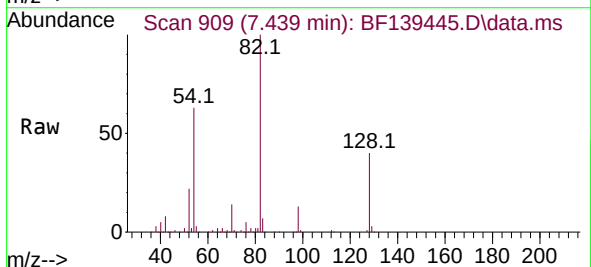
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

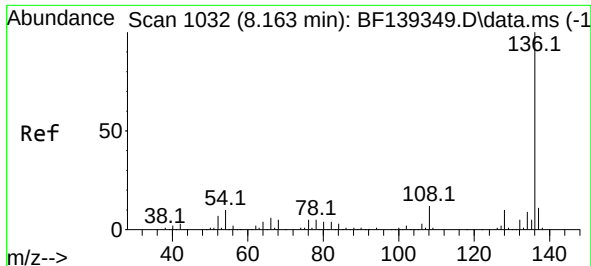
Tgt Ion: 99 Resp: 461724
Ion Ratio Lower Upper
99 100
42 26.1 21.9 32.9
71 41.4 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.195 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

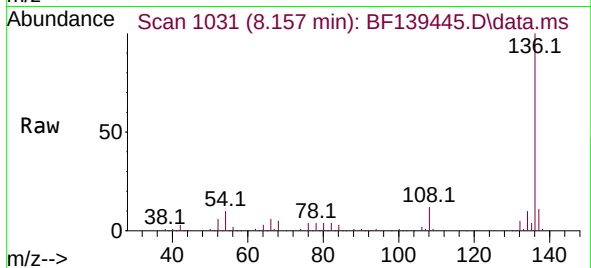
Tgt Ion: 70 Resp: 41979
Ion Ratio Lower Upper
70 100
42 58.1 61.2 91.8#
101 0.0 7.5 11.3#
130 2.3 15.8 23.8#





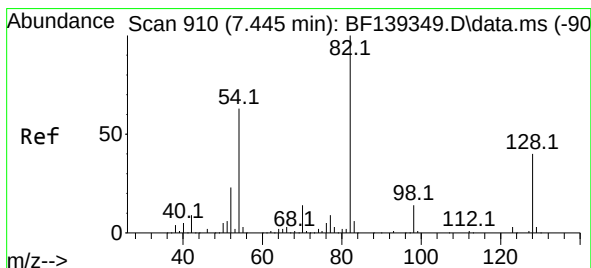
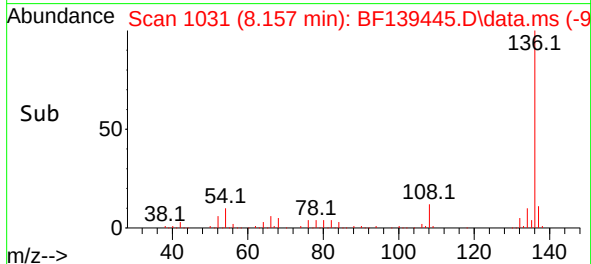
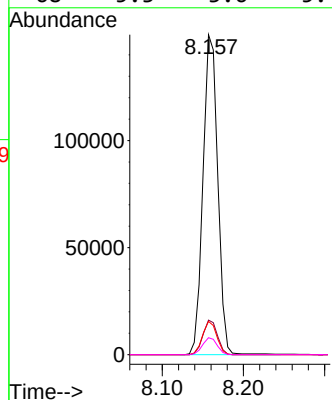
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Instrument :
BNA_F
ClientSampleId :
DN-B-34B



Tgt Ion:136 Resp: 188539

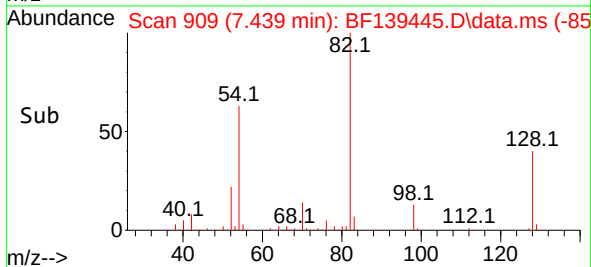
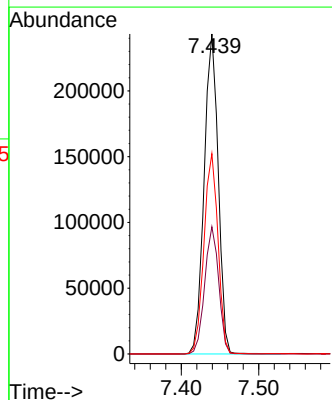
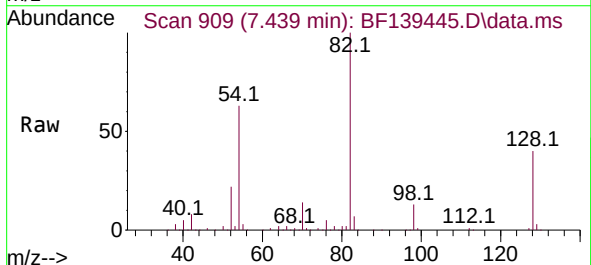
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.4	7.8	11.8
68	5.3	3.6	5.4

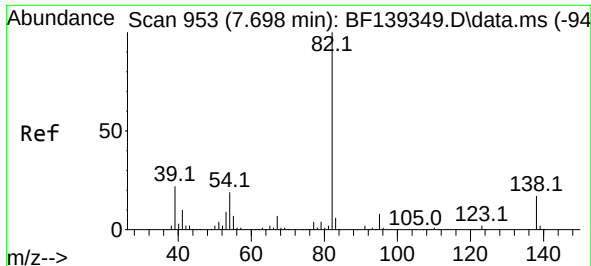


#23
Nitrobenzene-d5
Concen: 76.682 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Tgt Ion: 82 Resp: 307534

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.8	47.6
54	62.6	50.6	75.8

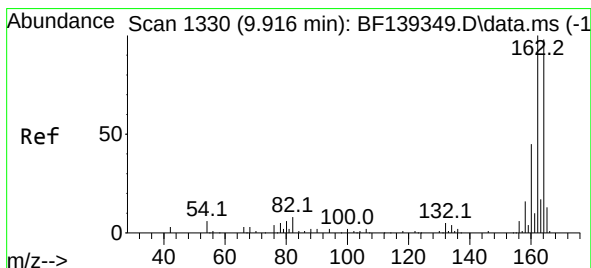
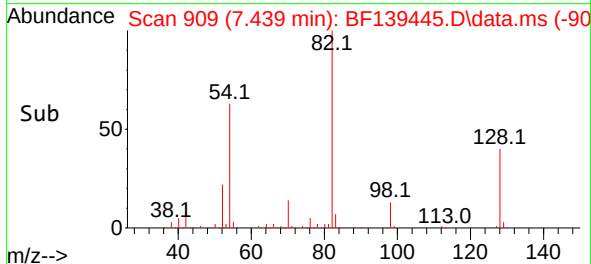
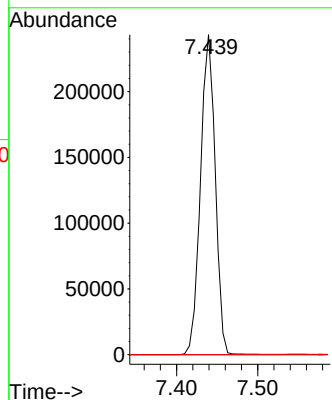
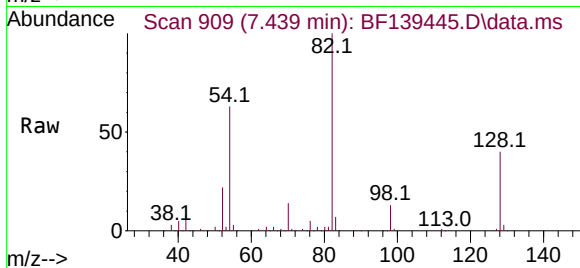




#25
Isophorone
Concen: 48.486 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

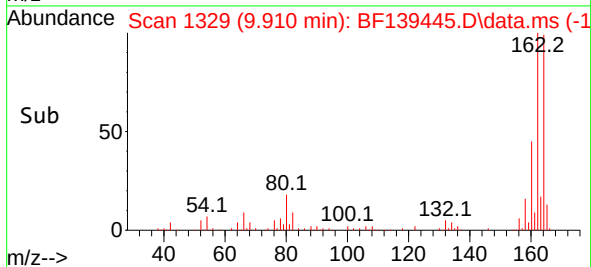
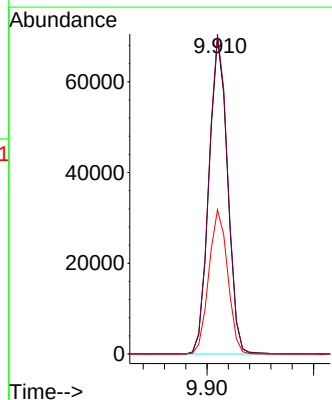
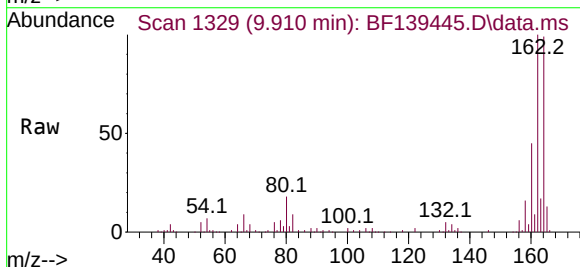
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

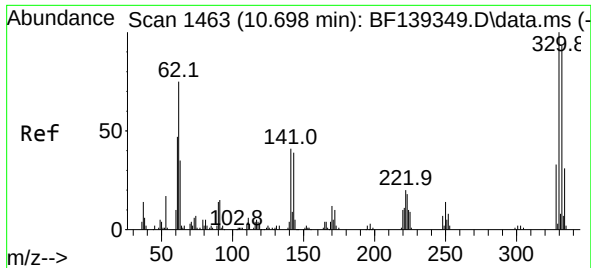
Tgt Ion: 82 Resp: 307530
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

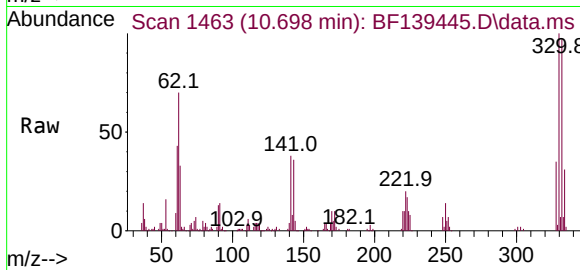
Tgt Ion:164 Resp: 84308
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.7 36.4 54.6



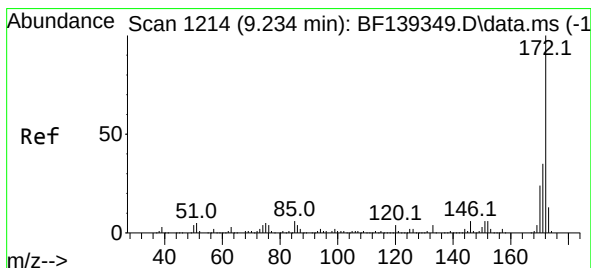
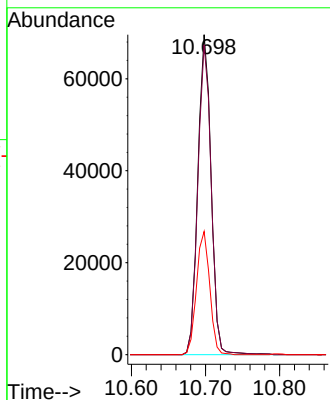
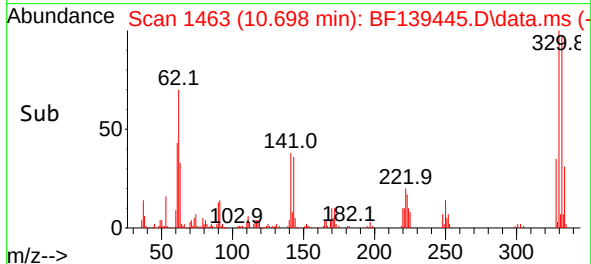


#42
2,4,6-Tribromophenol
Concen: 96.088 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

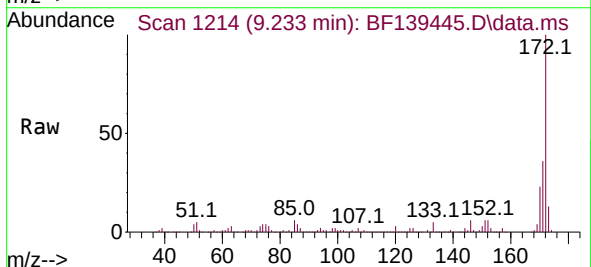
Instrument :
BNA_F
ClientSampleId :
DN-B-34B



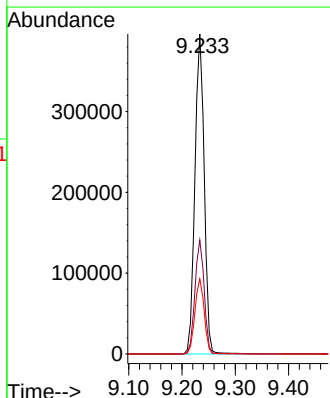
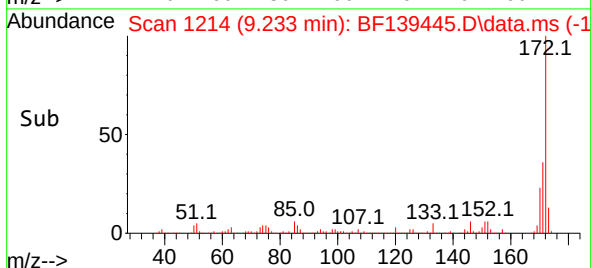
Tgt Ion:330 Resp: 86245
Ion Ratio Lower Upper
330 100
332 97.6 75.2 112.8
141 38.4 31.2 46.8

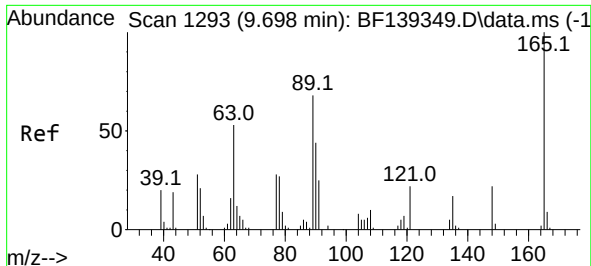


#45
2-Fluorobiphenyl
Concen: 80.443 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32



Tgt Ion:172 Resp: 483556
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.804 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

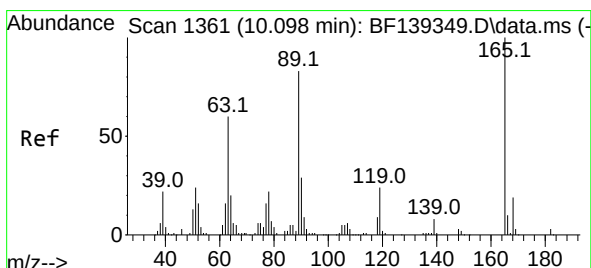
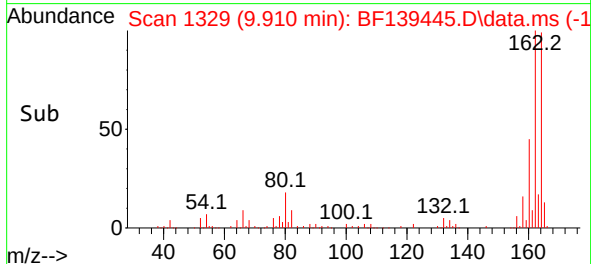
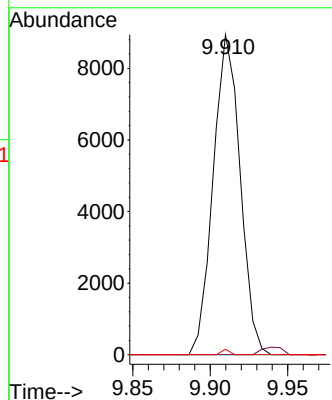
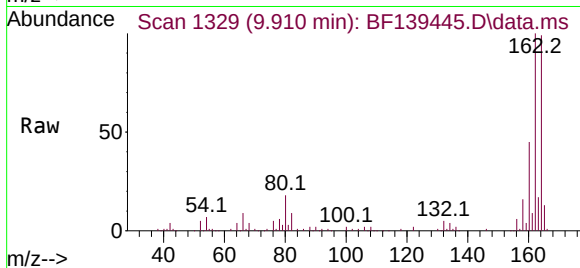
Tgt Ion:165 Resp: 10792

Ion Ratio Lower Upper

165 100

63 0.0 60.9 91.3#

89 1.7 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.521 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Tgt Ion:165 Resp: 10792

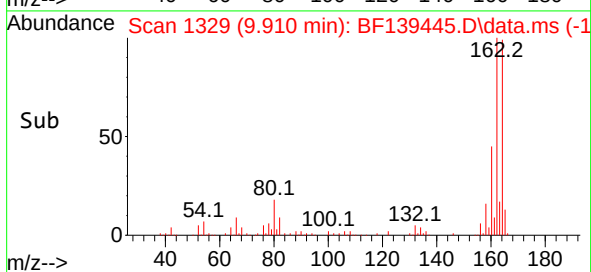
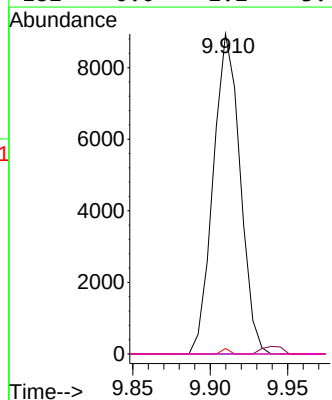
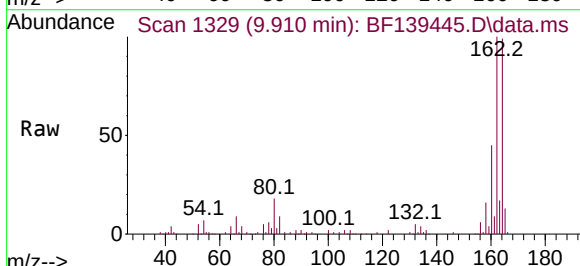
Ion Ratio Lower Upper

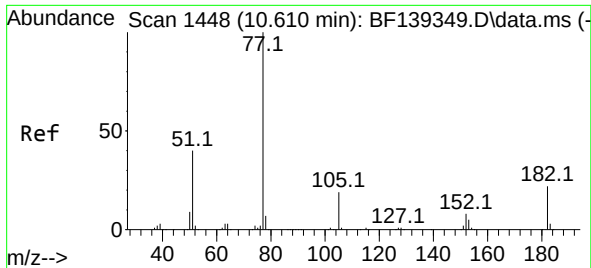
165 100

63 0.0 47.8 71.6#

89 1.7 66.7 100.1#

182 0.0 2.2 3.4#

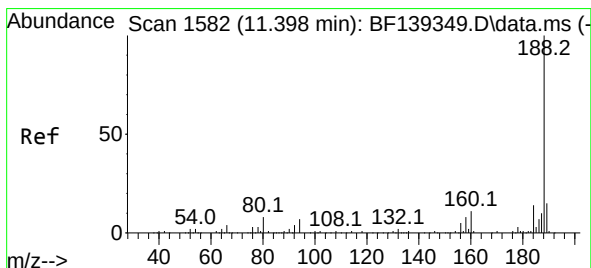
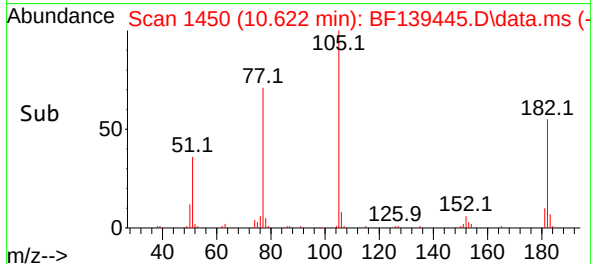
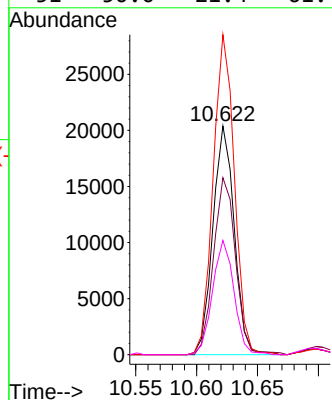
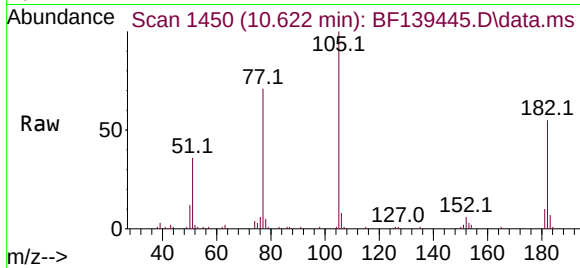




#63
 Azobenzene
 Concen: 4.440 ng
 RT: 10.622 min Scan# 1448
 Delta R.T. 0.012 min
 Lab File: BF139445.D
 Acq: 19 Sep 2024 00:32

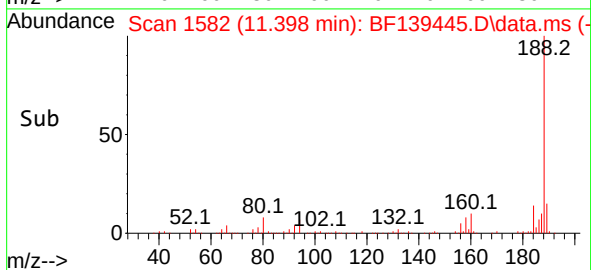
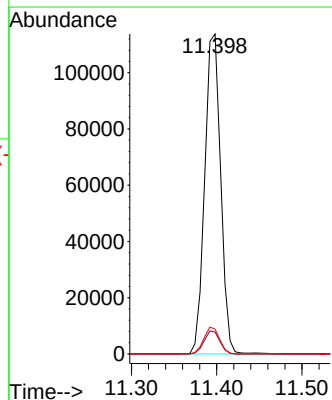
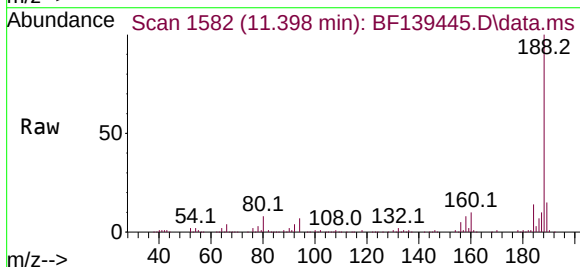
Instrument :
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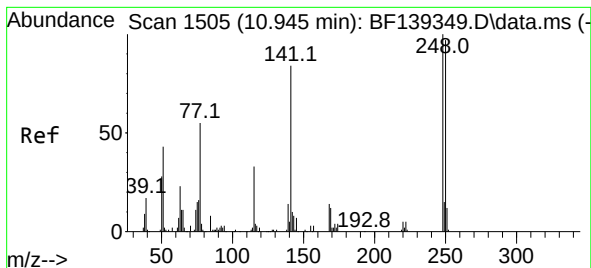
Tgt Ion:	77	Resp:	24935
Ion Ratio	Lower	Upper	
77	100		
182	77.4	1.8	41.8#
105	139.9	0.0	38.6#
51	50.0	21.4	61.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.000 min
 Lab File: BF139445.D
 Acq: 19 Sep 2024 00:32

Tgt Ion:	188	Resp:	147668
Ion Ratio	Lower	Upper	
188	100		
94	6.9	5.5	8.3
80	7.7	6.6	9.8

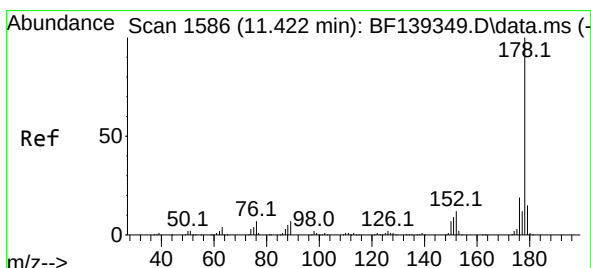
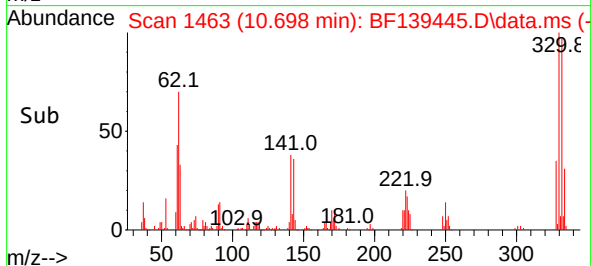
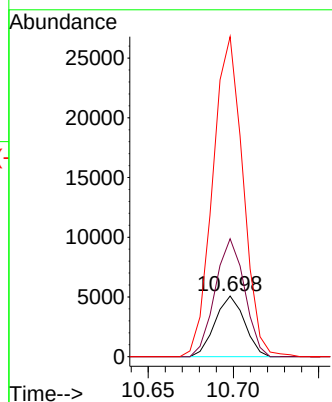
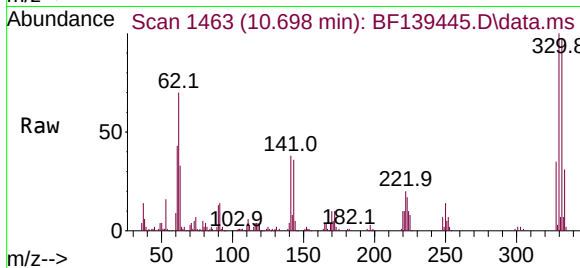




#67
4-Bromophenyl-phenylether
Concen: 4.177 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

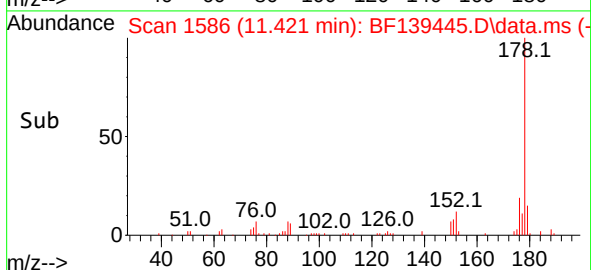
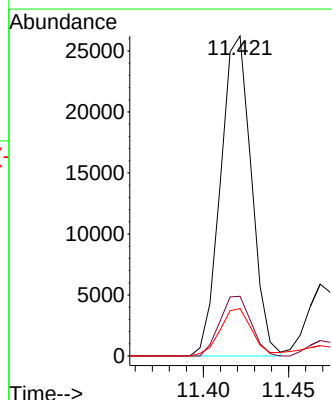
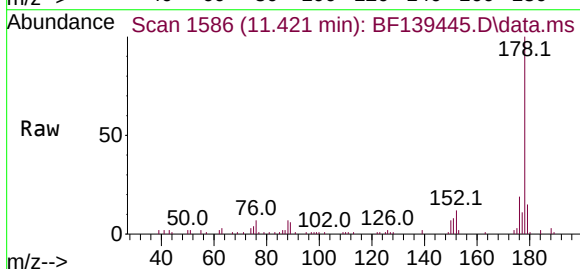
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

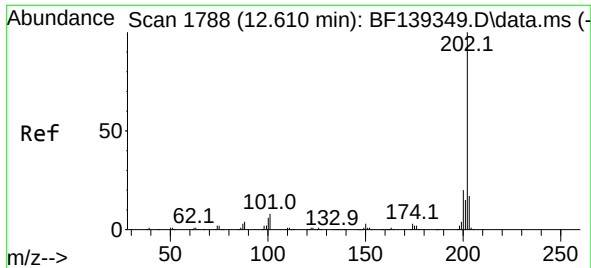
Tgt Ion:248 Resp: 6113
Ion Ratio Lower Upper
248 100
250 194.6 77.6 116.4#
141 527.9 66.9 100.3#



#71
Phenanthrene
Concen: 4.637 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Tgt Ion:178 Resp: 33038
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 14.8 12.2 18.4

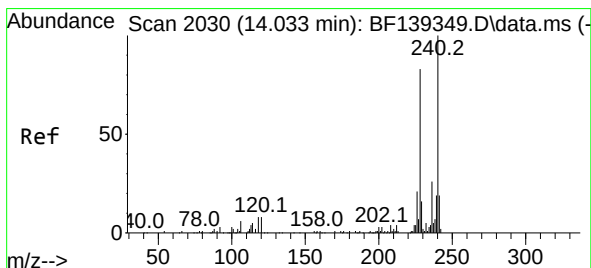
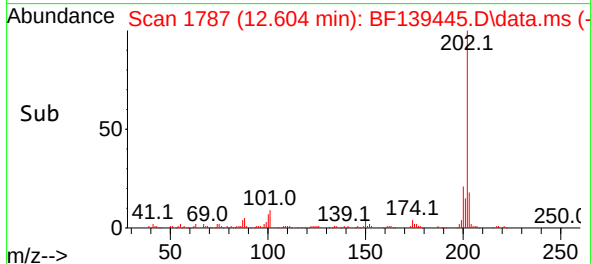
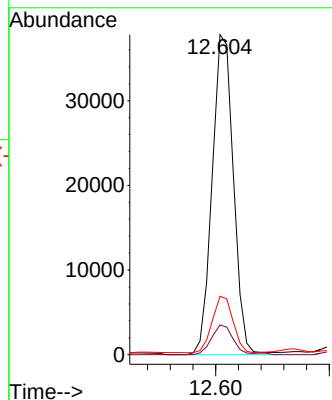
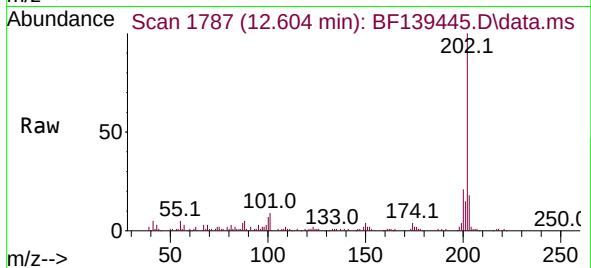




#75
Fluoranthene
Concen: 6.475 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

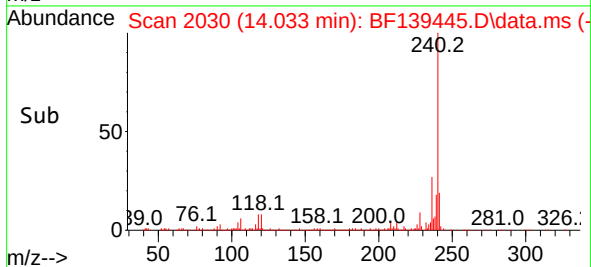
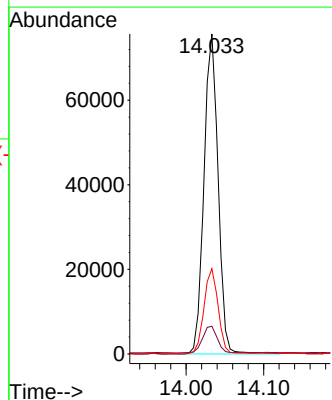
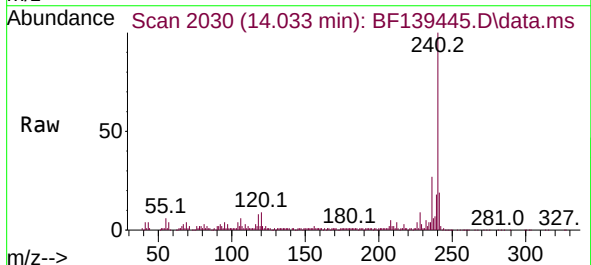
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

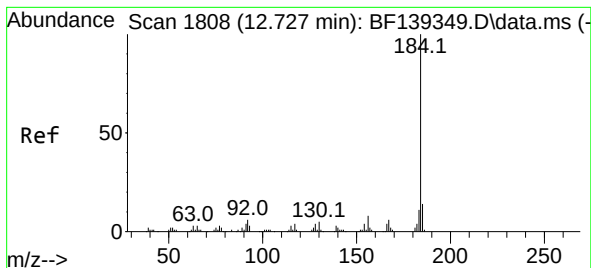
Tgt Ion:202 Resp: 49267
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.7
203 18.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Tgt Ion:240 Resp: 95829
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 26.7 20.9 31.3





#77

Benzidine

Concen: 5.407 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

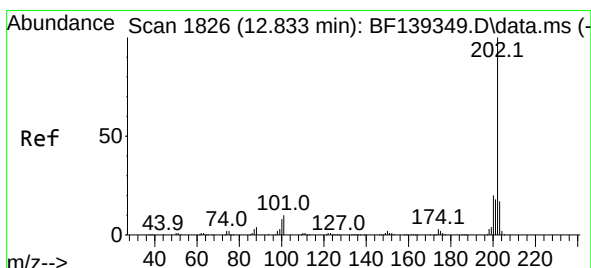
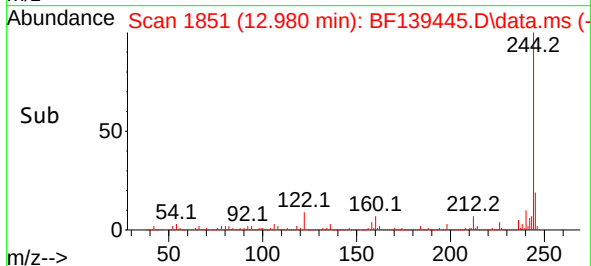
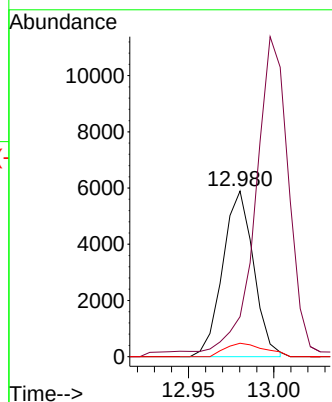
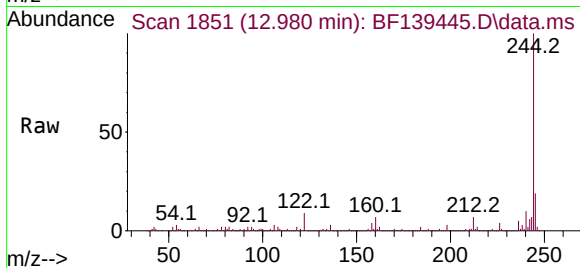
Tgt Ion:184 Resp: 7424

Ion Ratio Lower Upper

184 100

185 24.1 11.5 17.3#

183 8.1 8.9 13.3#



#78

Pyrene

Concen: 5.151 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

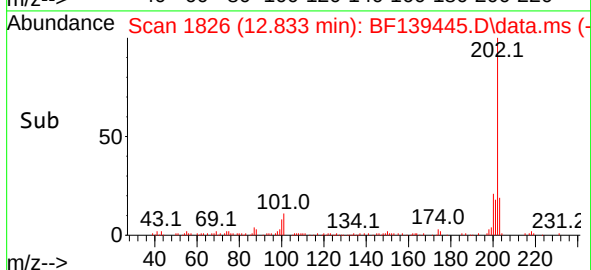
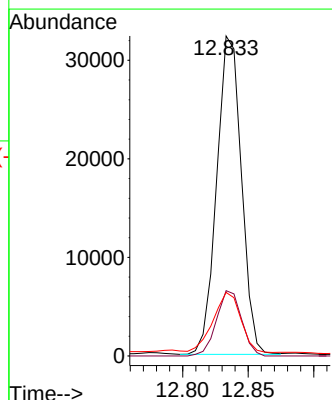
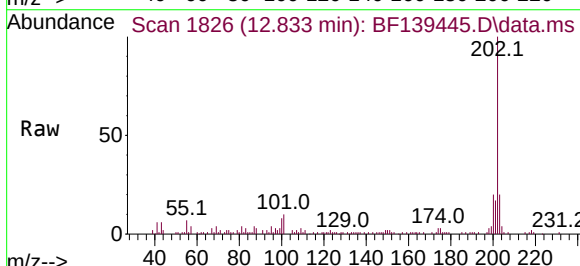
Tgt Ion:202 Resp: 42380

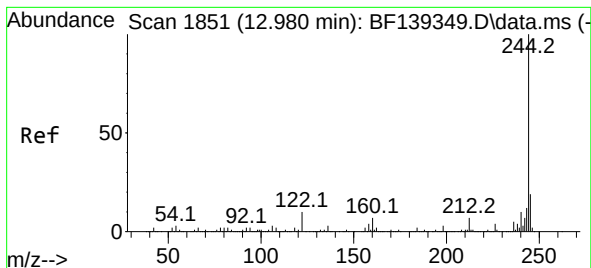
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 19.9 13.9 20.9





#79

Terphenyl-d14

Concen: 75.967 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

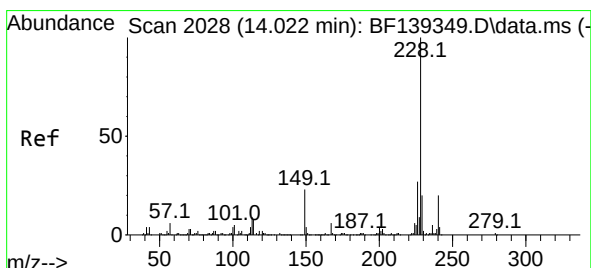
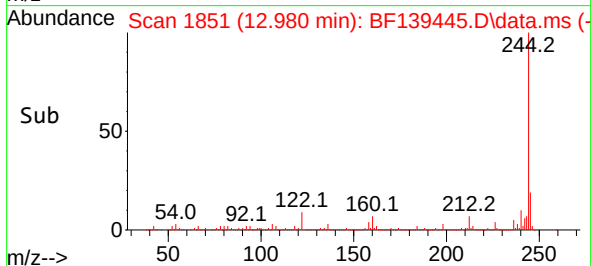
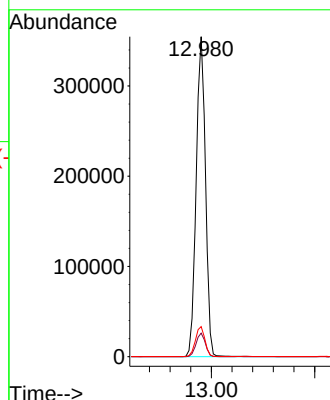
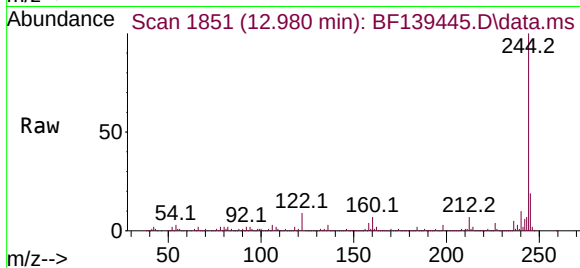
Tgt Ion:244 Resp: 443518

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.4 7.6 11.4



#81

Benzo(a)anthracene

Concen: 2.937 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

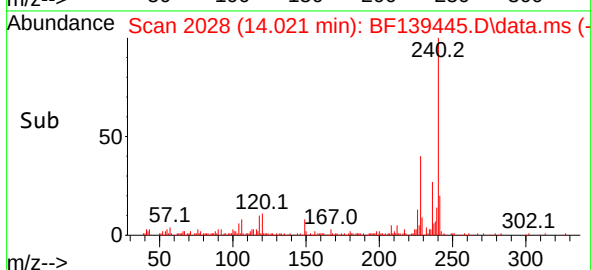
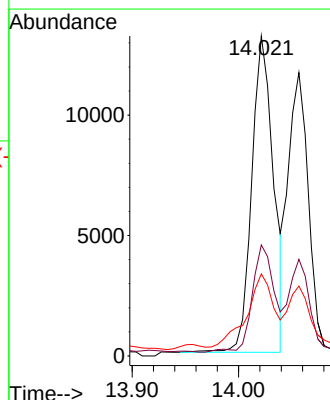
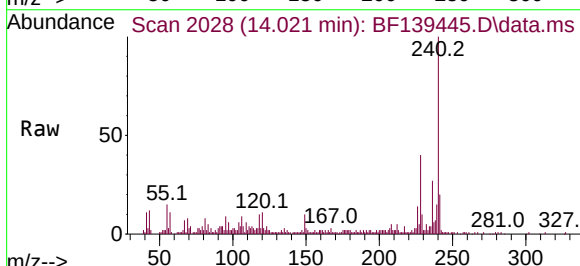
Tgt Ion:228 Resp: 18645

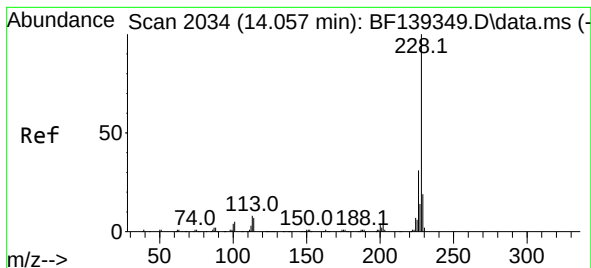
Ion Ratio Lower Upper

228 100

226 34.7 21.6 32.4#

229 25.7 15.7 23.5#





#83

Chrysene

Concen: 2.599 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

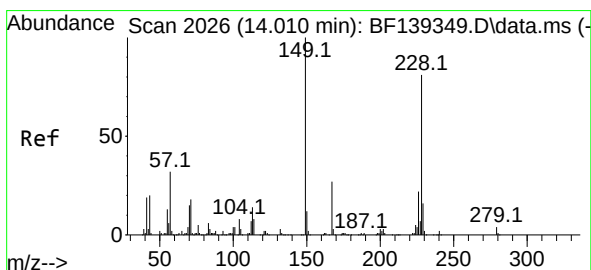
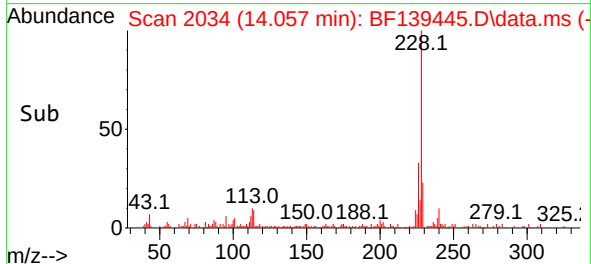
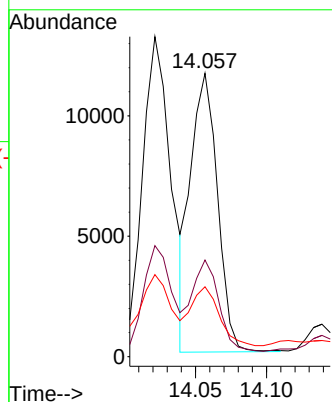
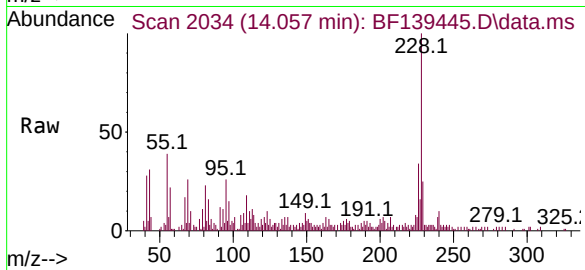
Tgt Ion:228 Resp: 15179

Ion Ratio Lower Upper

228 100

226 34.1 24.1 36.1

229 24.7 15.4 23.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.097 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

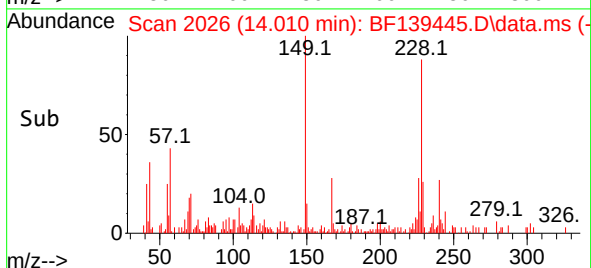
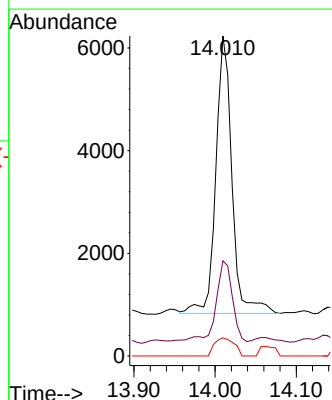
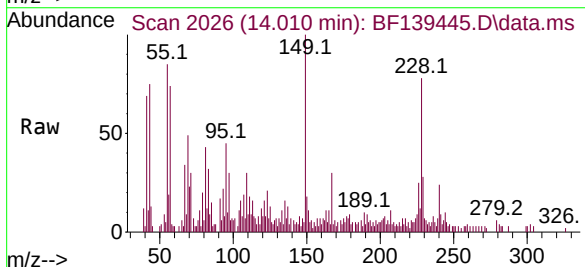
Tgt Ion:149 Resp: 7470

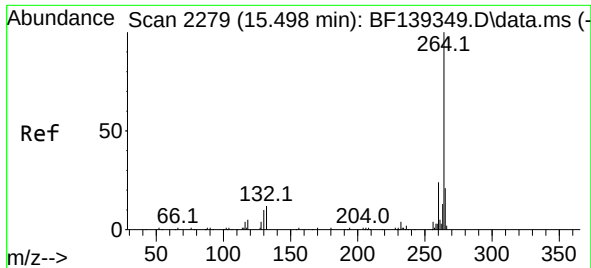
Ion Ratio Lower Upper

149 100

167 29.7 21.6 32.4

279 5.6 3.3 4.9#

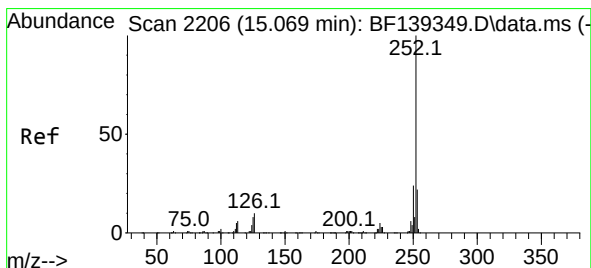
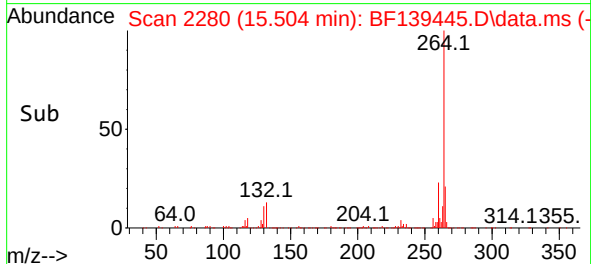
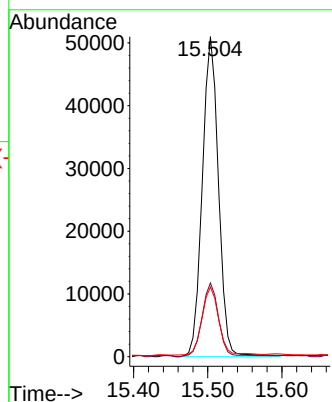
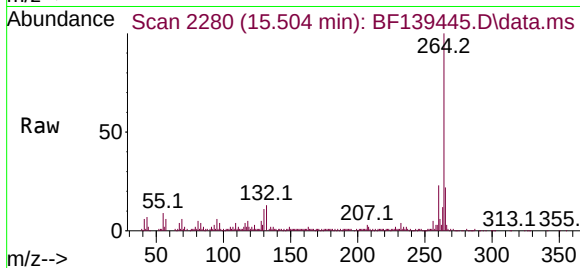




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

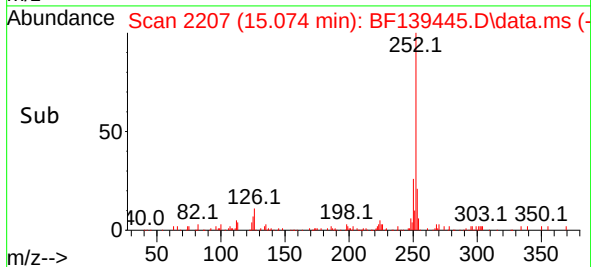
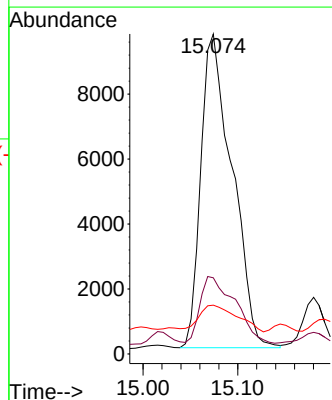
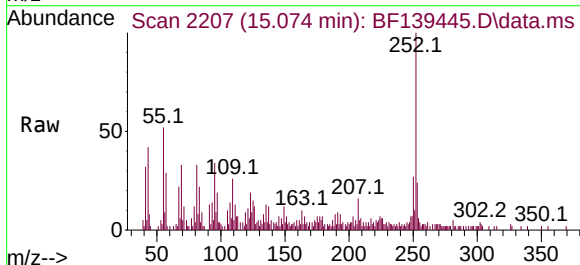
Instrument :
BNA_F
ClientSampleId :
DN-B-34B

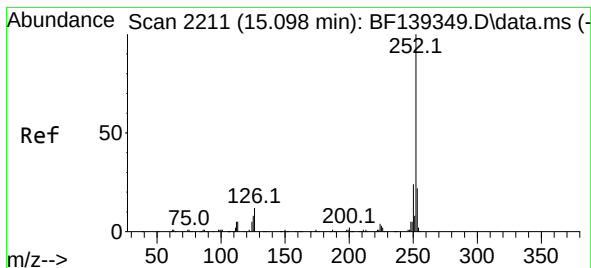
Tgt Ion:264 Resp: 77582
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.8 16.6 25.0



#88
Benzo(b)fluoranthene
Concen: 4.629 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139445.D
Acq: 19 Sep 2024 00:32

Tgt Ion:252 Resp: 22151
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 15.3 6.2 9.2#





#89

Benzo(k)fluoranthene

Concen: 5.021 ng

RT: 15.074 min Scan# 2211

Delta R.T. -0.024 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

Instrument :

BNA_F

ClientSampleId :

DN-B-34B

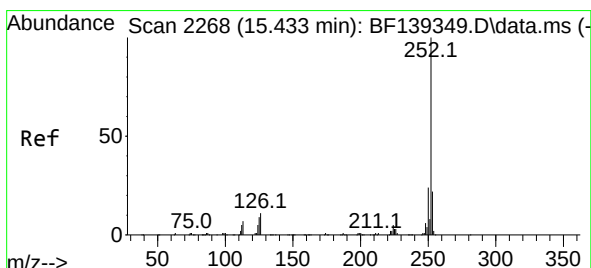
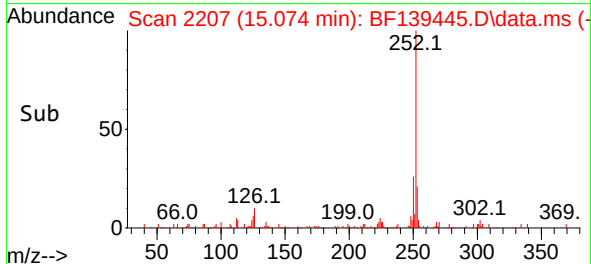
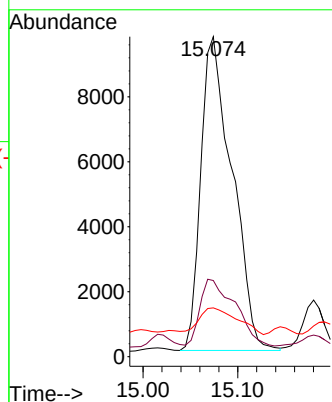
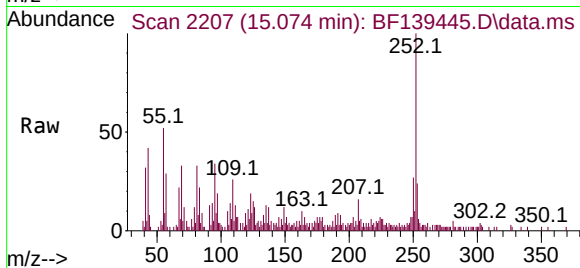
Tgt Ion:252 Resp: 22151

Ion Ratio Lower Upper

252 100

253 23.8 17.3 25.9

125 15.3 5.9 8.9#



#90

Benzo(a)pyrene

Concen: 2.848 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139445.D

Acq: 19 Sep 2024 00:32

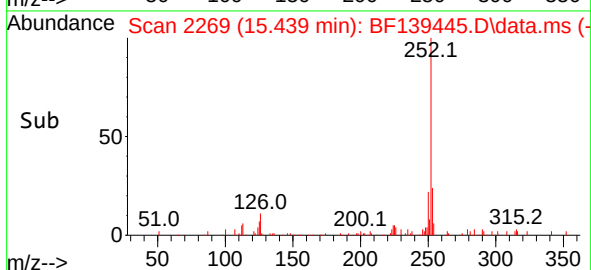
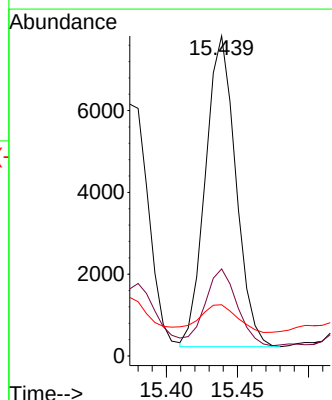
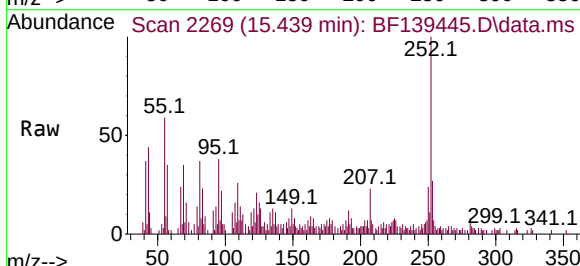
Tgt Ion:252 Resp: 11303

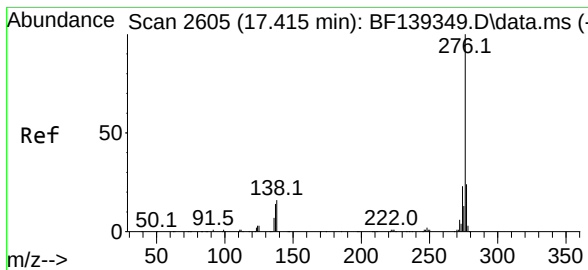
Ion Ratio Lower Upper

252 100

253 27.2 17.3 25.9#

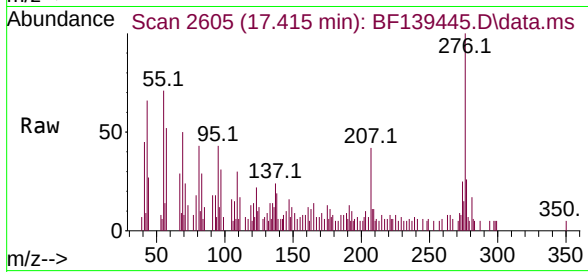
125 16.0 6.8 10.2#





#92
 Benzo(g,h,i)perylene
 Concen: 2.356 ng
 RT: 17.415 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: BF139445.D
 Acq: 19 Sep 2024 00:32

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-34B



Tgt Ion:	276	Resp:	8891
Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.9	28.3
138	18.9	13.0	19.6

