

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139942.D
 Acq On : 22 Oct 2024 21:49
 Operator : RC/JU
 Sample : P4456-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10182024

Quant Time: Oct 23 01:13:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

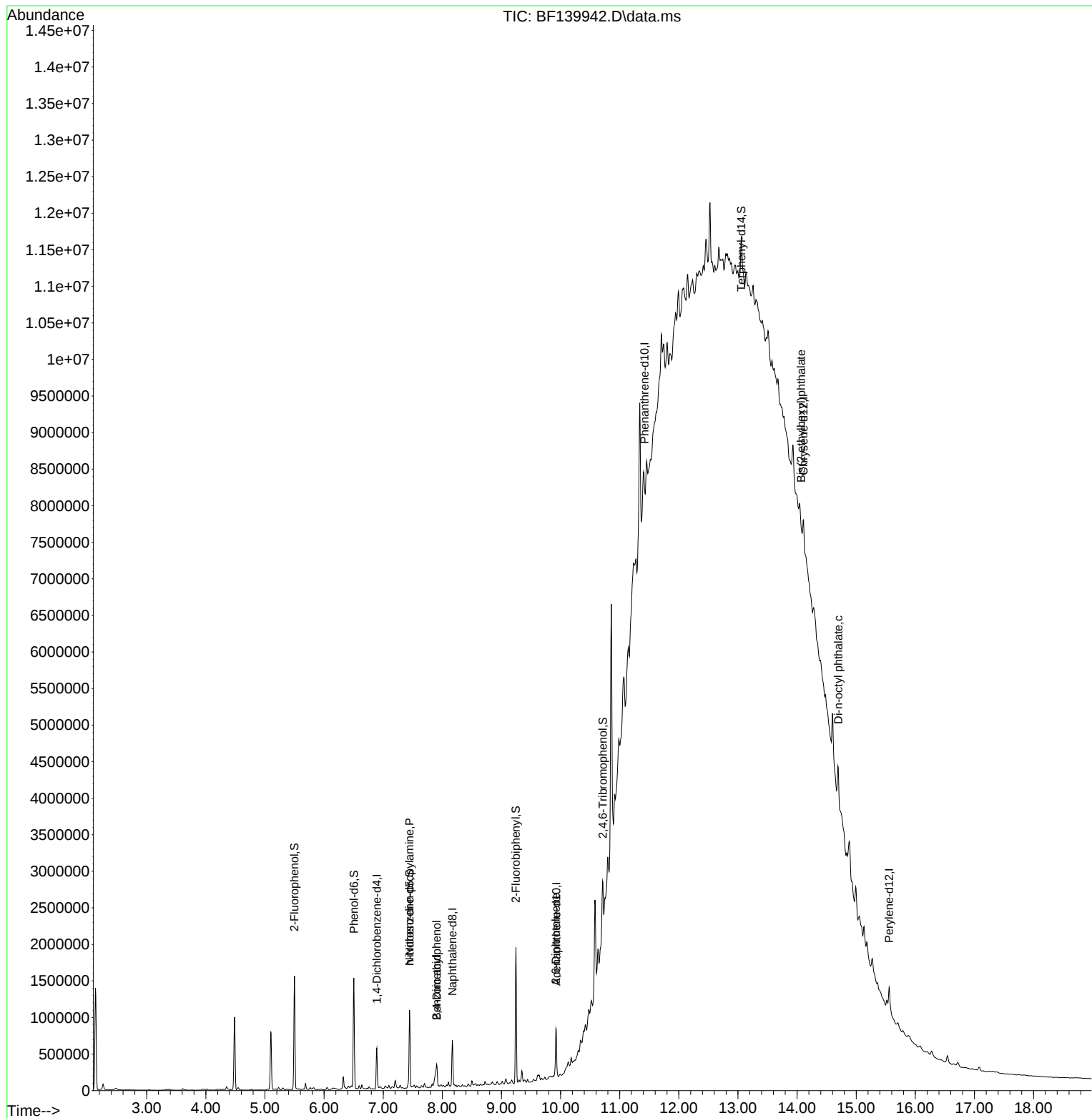
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	112241	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	373220	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	190672	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	235848	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	230587	20.000	ng	# 0.06
86) Perylene-d12	15.557	264	185430	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	552443	77.052	ng	0.00
7) Phenol-d6	6.504	99	690270	74.335	ng	0.00
23) Nitrobenzene-d5	7.445	82	439530	65.271	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	161209	90.390	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	795062	68.914	ng	0.00
79) Terphenyl-d14	13.057	244	600923	42.465	ng	0.06
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	61454	10.912	ng	# 78
27) 2,4-Dimethylphenol	7.904	122	144599	31.134	ng	# 5
32) Benzoic acid	7.904	122	144599	35.697	ng	98
51) 2,6-Dinitrotoluene	9.922	165	25468	9.904	ng	# 23
84) Bis(2-ethylhexyl)phtha...	14.068	149	35671	5.254	ng	# 76
85) Di-n-octyl phthalate	14.698	149	29977	2.428	ng	# 65

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

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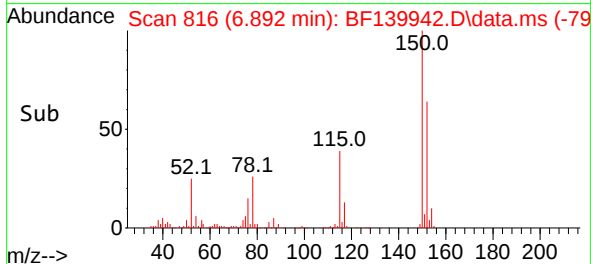
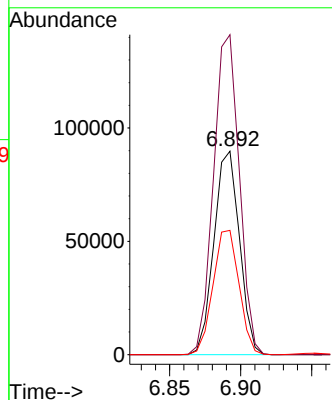
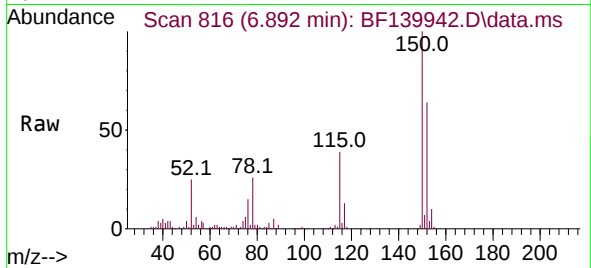




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

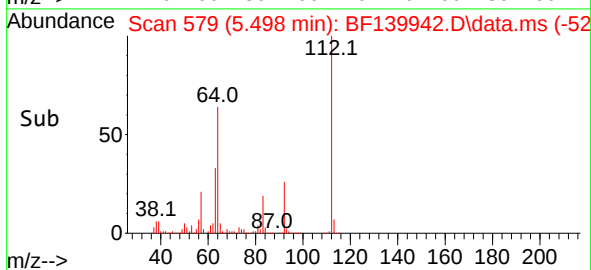
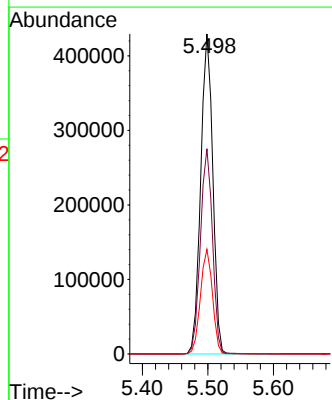
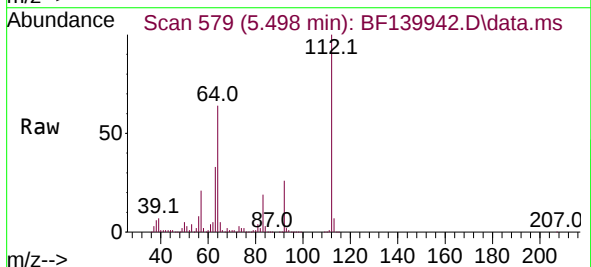
Instrument :
BNA_F
ClientSampleId :
PAD-10182024

Tgt Ion:152 Resp: 112241
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 77.052 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion:112 Resp: 552443
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 32.7 27.0 40.4

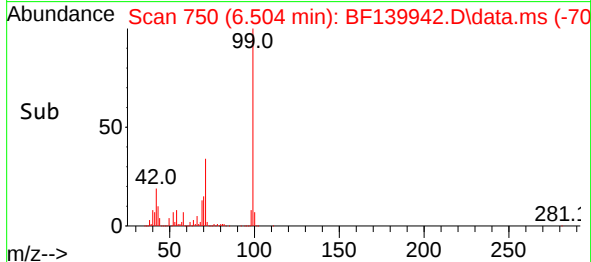
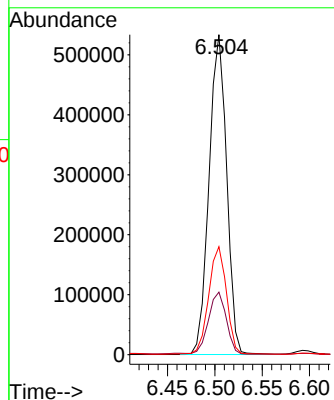
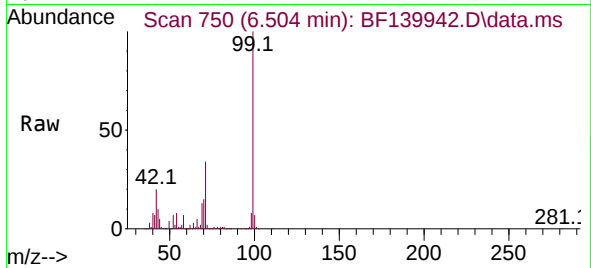




#7
Phenol-d6
Concen: 74.335 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

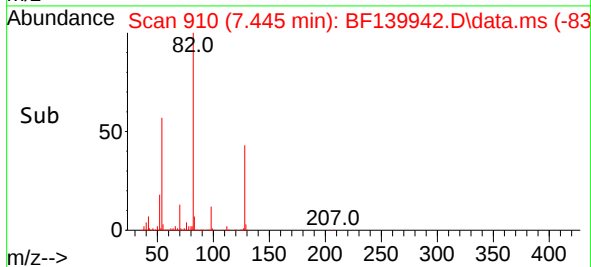
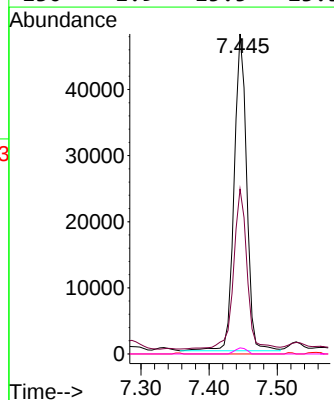
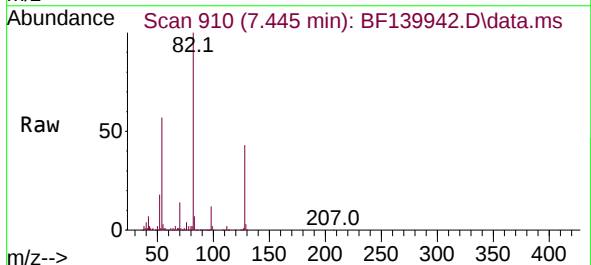
Instrument :
BNA_F
ClientSampleId :
PAD-10182024

Tgt Ion: 99 Resp: 690270
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 33.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.912 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion: 70 Resp: 61454
Ion Ratio Lower Upper
70 100
42 51.5 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



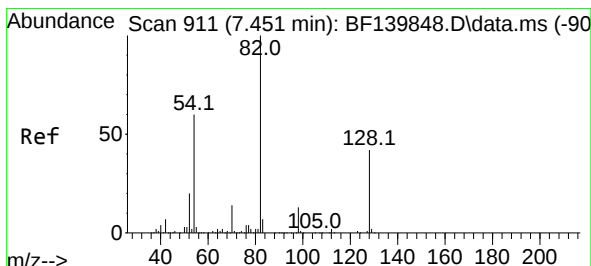
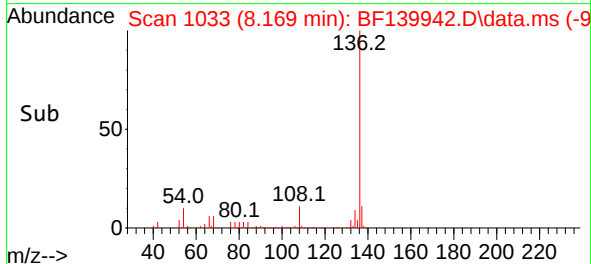
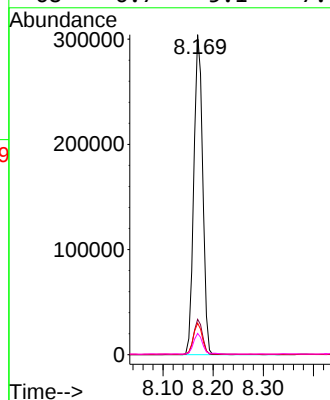
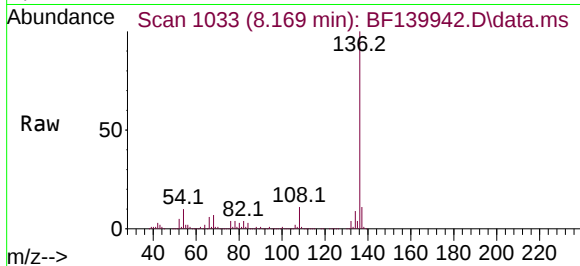


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Instrument :
BNA_F
ClientSampleId :
PAD-10182024

Tgt Ion:136 Resp: 373220

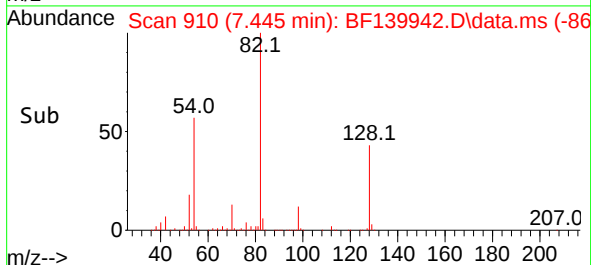
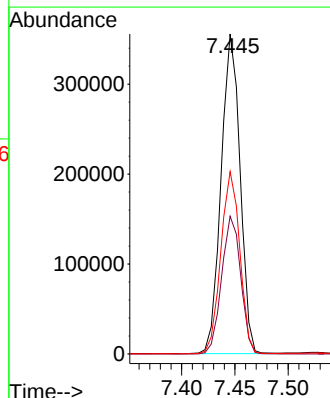
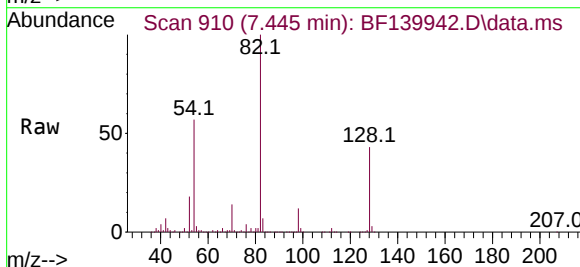
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.9	8.4	12.6
68	6.7	5.1	7.7

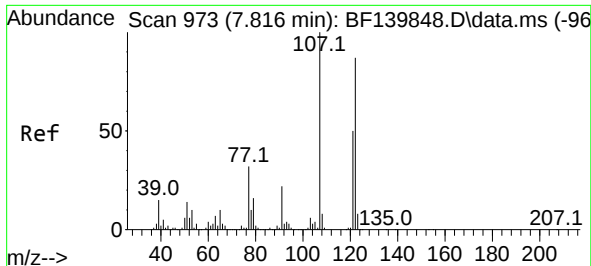


#23
Nitrobenzene-d5
Concen: 65.271 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion: 82 Resp: 439530

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.0	47.8	71.8

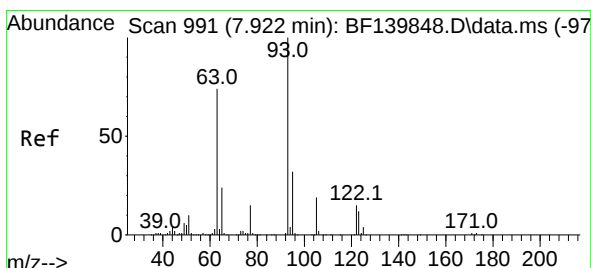
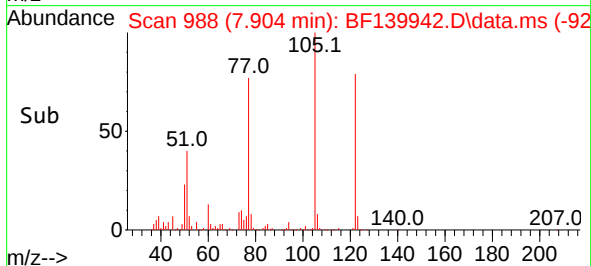
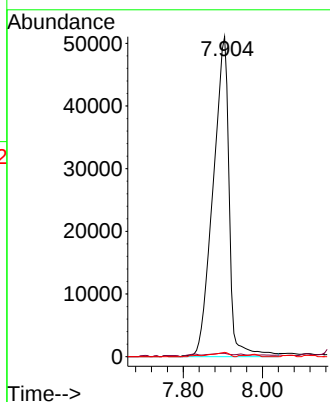
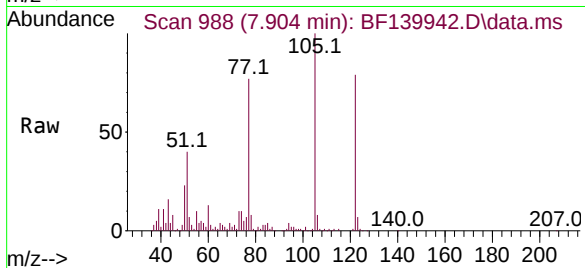




#27
2,4-Dimethylphenol
Concen: 31.134 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.088 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

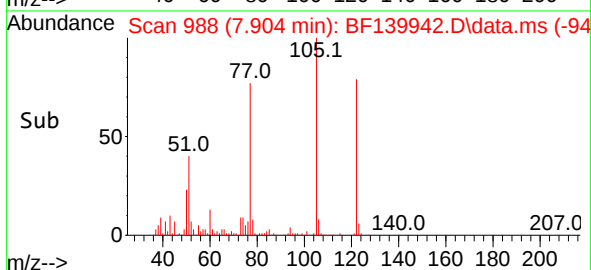
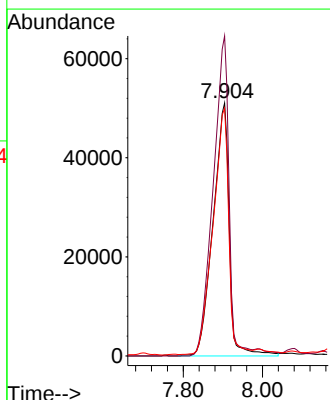
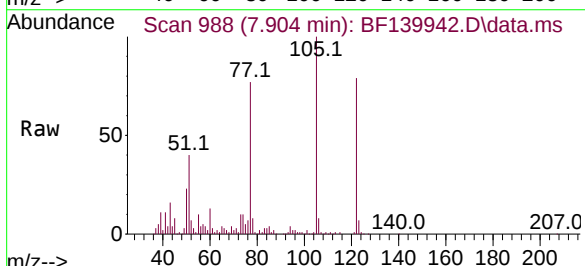
Instrument :
BNA_F
ClientSampleId :
PAD-10182024

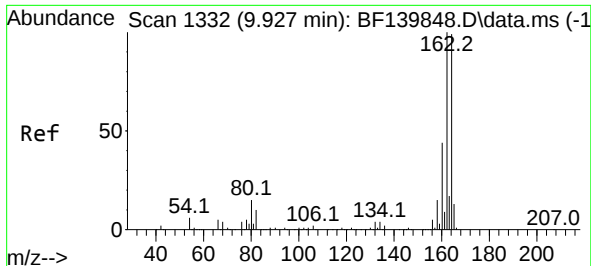
Tgt Ion:122 Resp: 144599
Ion Ratio Lower Upper
122 100
107 1.0 91.9 137.9#
121 1.4 46.2 69.4#



#32
Benzoic acid
Concen: 35.697 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.018 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion:122 Resp: 144599
Ion Ratio Lower Upper
122 100
105 126.5 107.6 147.6
77 98.0 80.2 120.2

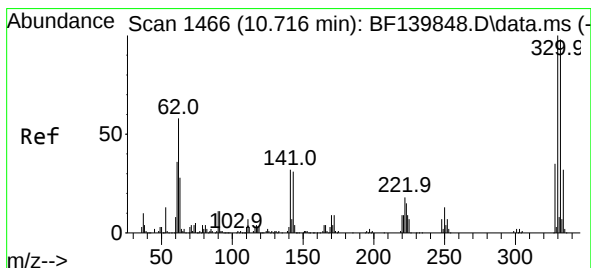
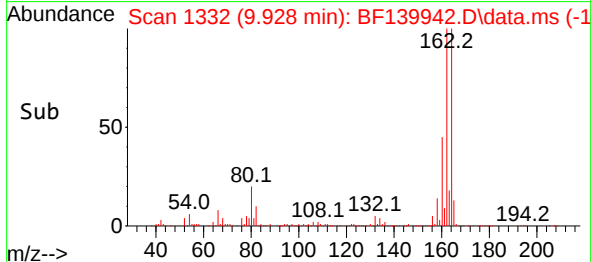
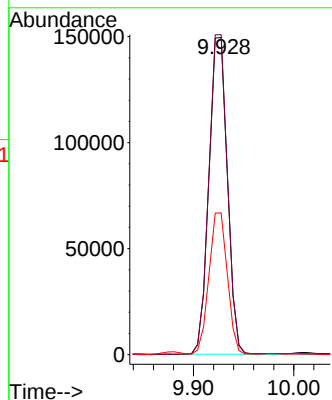
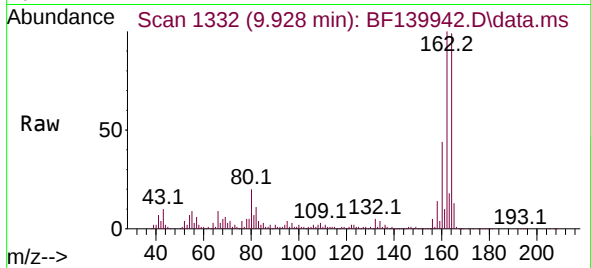




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

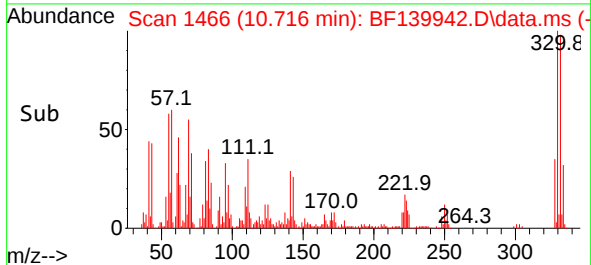
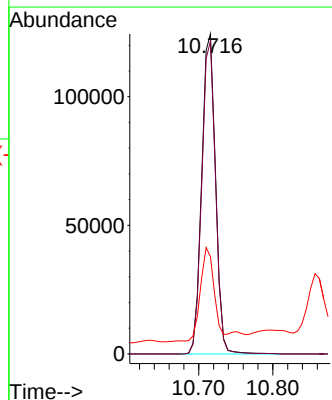
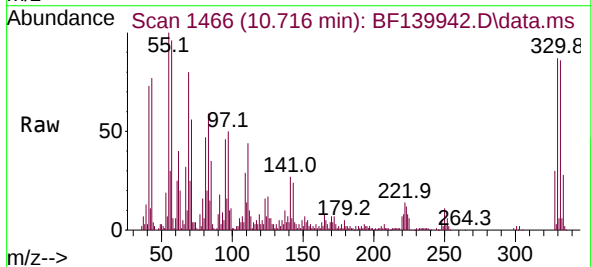
Instrument :
BNA_F
ClientSampleId :
PAD-10182024

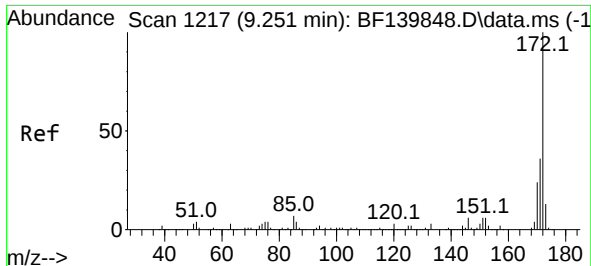
Tgt Ion:164 Resp: 190672
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 90.390 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion:330 Resp: 161209
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 29.4 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 68.914 ng

RT: 9.245 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

PAD-10182024

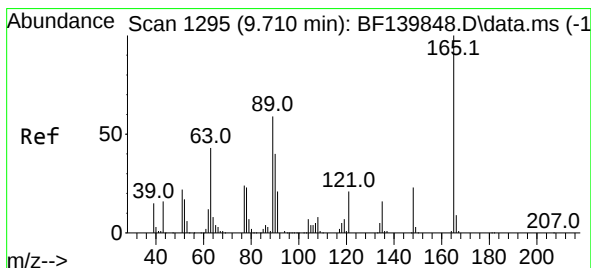
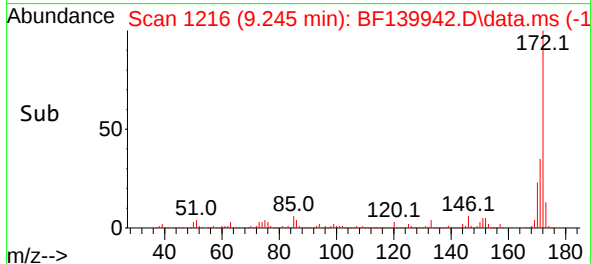
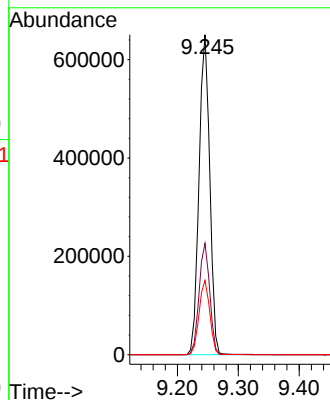
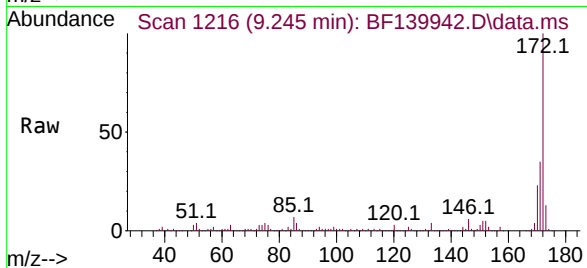
Tgt Ion:172 Resp: 795062

Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.2 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.904 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

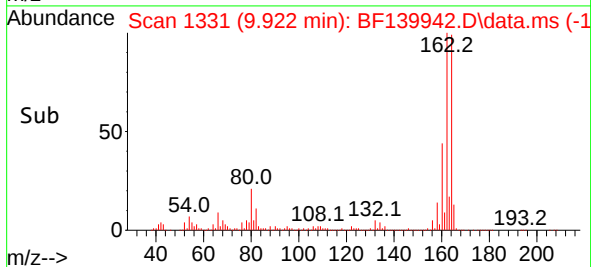
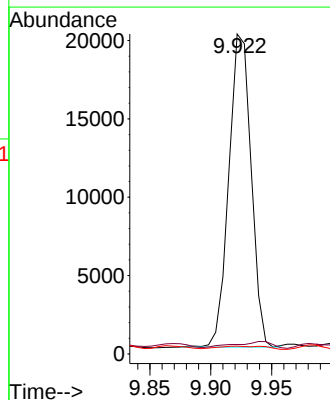
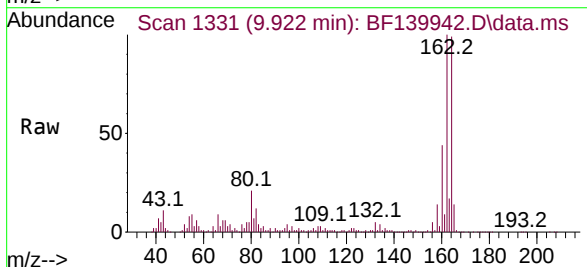
Tgt Ion:165 Resp: 25468

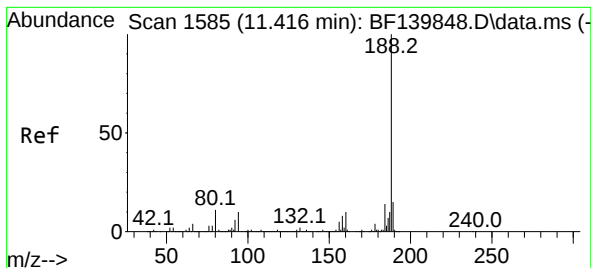
Ion Ratio Lower Upper

165 100

63 3.0 50.6 75.8#

89 2.5 47.5 71.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

PAD-10182024

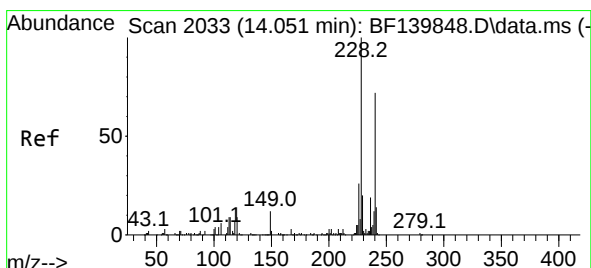
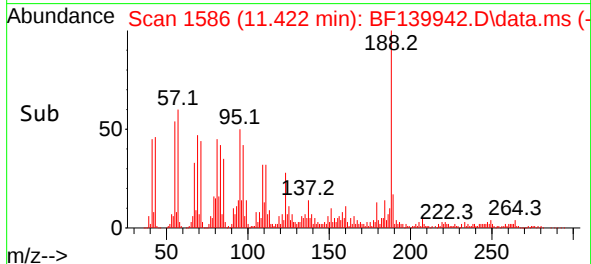
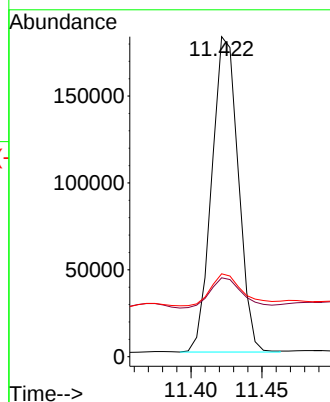
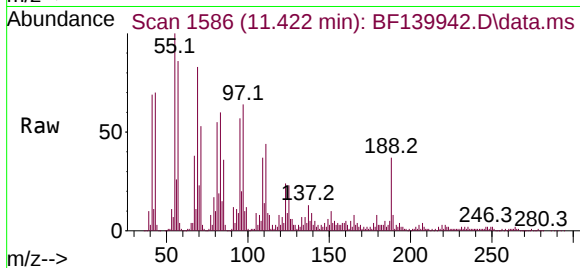
Tgt Ion:188 Resp: 235848

Ion Ratio Lower Upper

188 100

94 24.6 7.9 11.9#

80 25.9 9.0 13.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.059 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

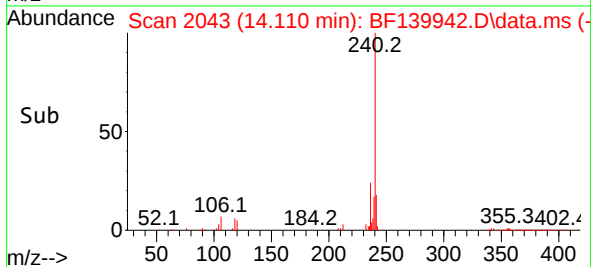
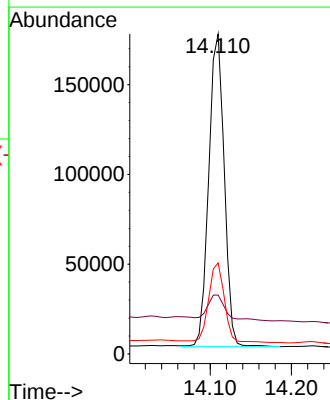
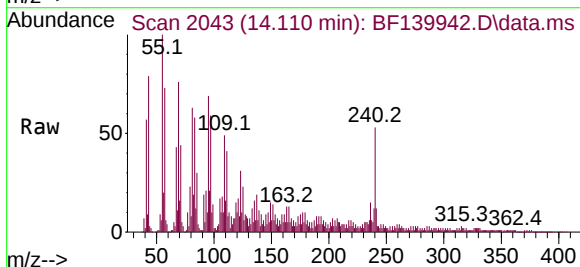
Tgt Ion:240 Resp: 230587

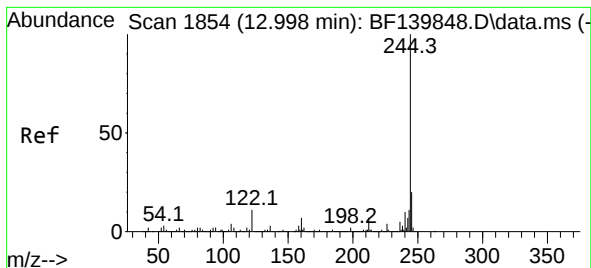
Ion Ratio Lower Upper

240 100

120 18.4 9.4 14.2#

236 28.5 20.9 31.3





#79

Terphenyl-d14

Concen: 42.465 ng

RT: 13.057 min Scan# 1864

Delta R.T. 0.059 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

Instrument :

BNA_F

ClientSampleId :

PAD-10182024

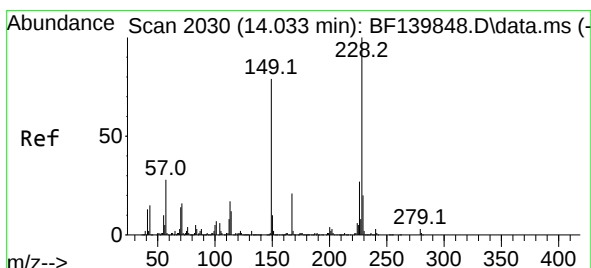
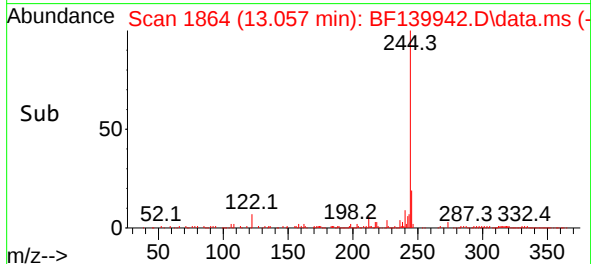
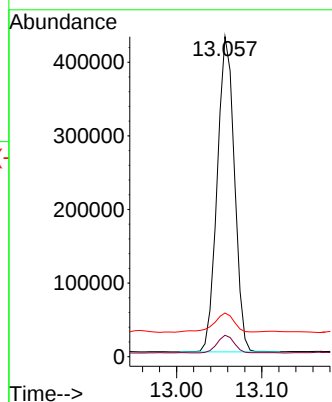
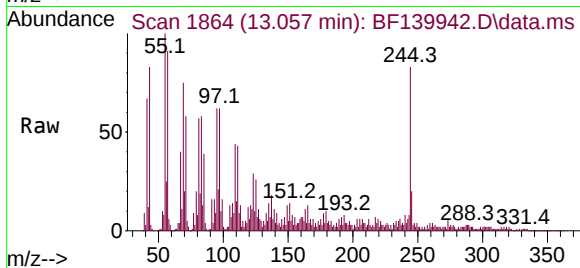
Tgt Ion:244 Resp: 600923

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 13.7 8.6 13.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.254 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.035 min

Lab File: BF139942.D

Acq: 22 Oct 2024 21:49

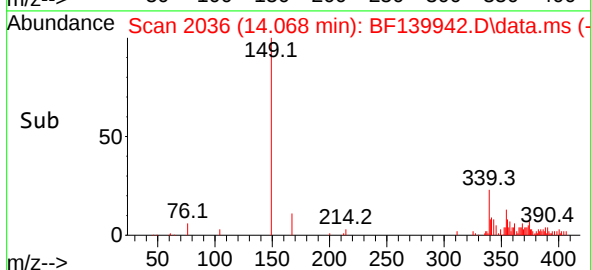
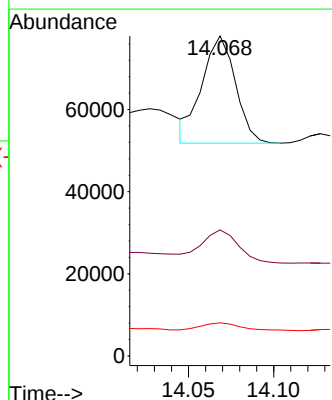
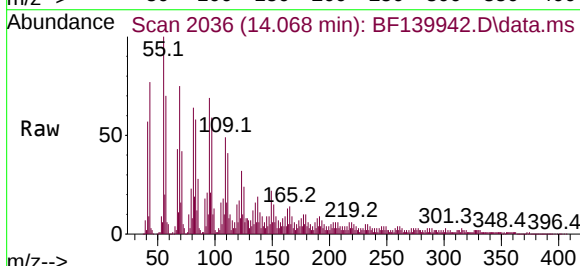
Tgt Ion:149 Resp: 35671

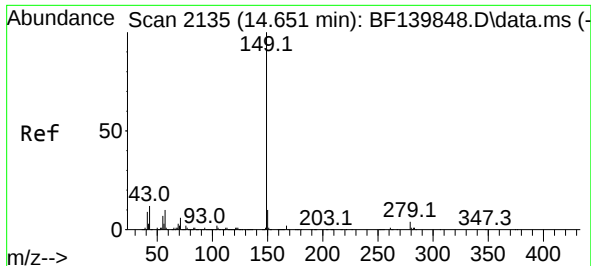
Ion Ratio Lower Upper

149 100

167 39.4 21.4 32.0#

279 10.3 3.0 4.4#

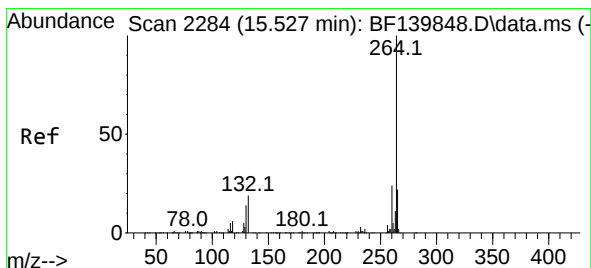
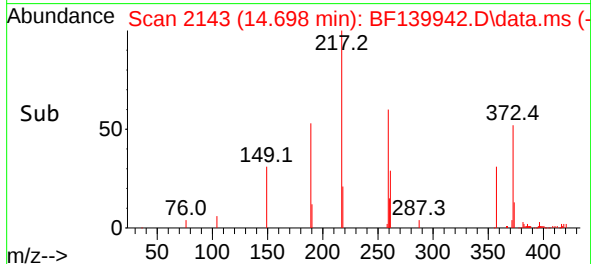
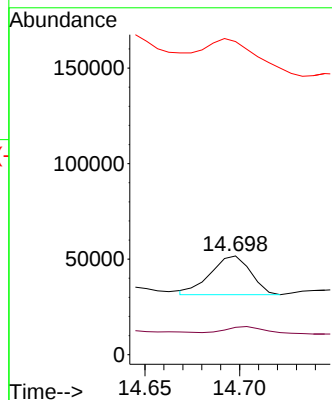
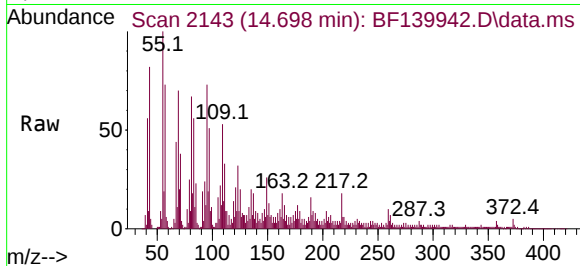




#85
Di-n-octyl phthalate
Concen: 2.428 ng
RT: 14.698 min Scan# 2143
Delta R.T. 0.047 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Instrument :
BNA_F
ClientSampleId :
PAD-10182024

Tgt Ion:149 Resp: 29977
Ion Ratio Lower Upper
149 100
167 27.1 1.2 1.8#
43 0.0 9.8 14.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.030 min
Lab File: BF139942.D
Acq: 22 Oct 2024 21:49

Tgt Ion:264 Resp: 185430
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.0 17.4 26.0

