

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140069.D
 Acq On : 26 Oct 2024 19:37
 Operator : RC/JU
 Sample : P4547-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-21

Quant Time: Oct 28 01:10:15 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)

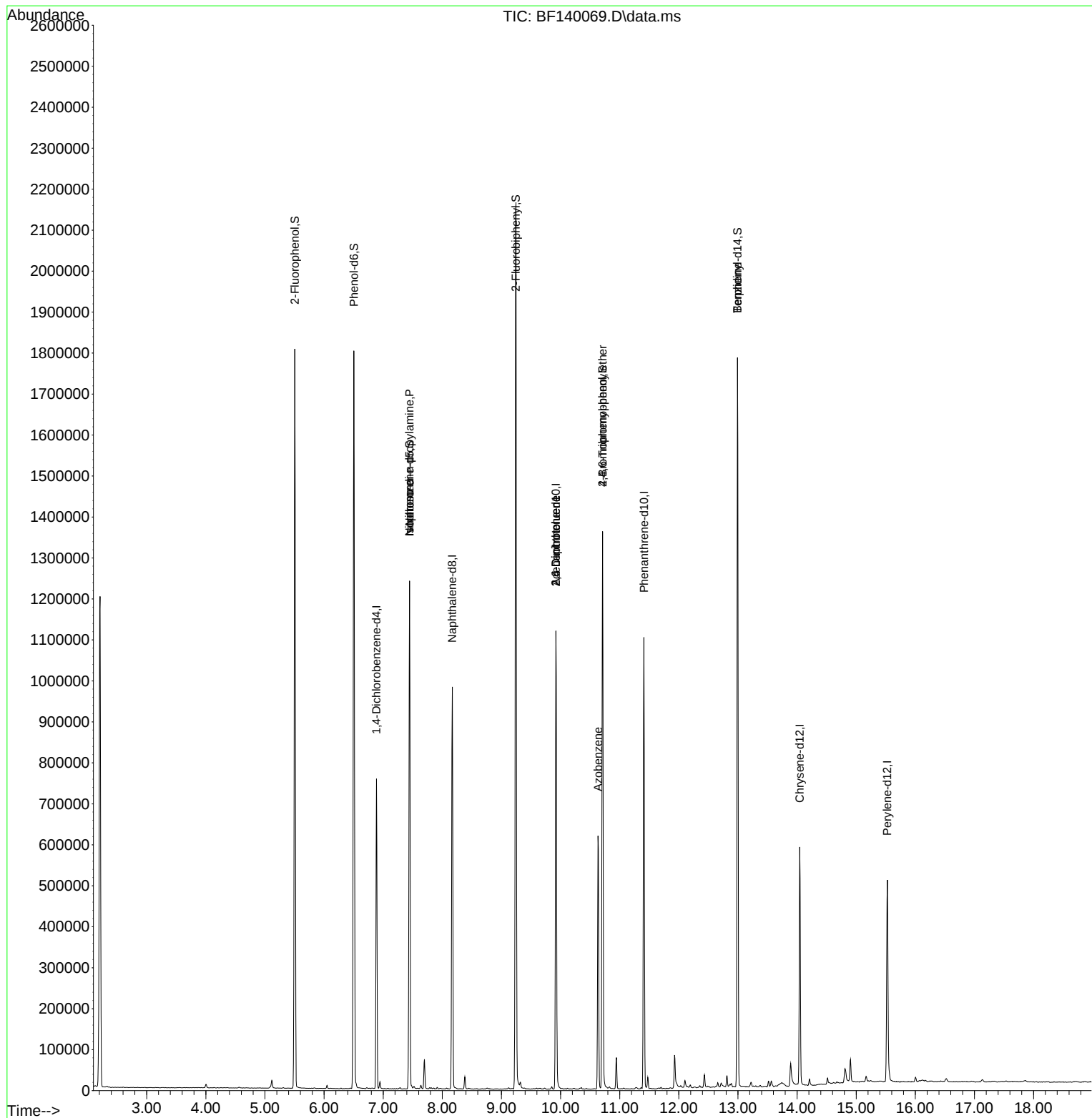
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	148843	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	596055	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	343363	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	568427	20.000	ng	0.00
76) Chrysene-d12	14.045	240	274542	20.000	ng	0.00
86) Perylene-d12	15.527	264	300909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	655948	68.991	ng	0.00
7) Phenol-d6	6.504	99	857229	69.614	ng	0.00
23) Nitrobenzene-d5	7.445	82	550237	51.163	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	233948	72.842	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1017396	48.970	ng	0.00
79) Terphenyl-d14	12.992	244	870683	51.677	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	73692	9.867	ng	# 77
25) Isophorone	7.445	82	546148	26.756	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44547	9.620	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44677	7.845	ng	# 21
63) Azobenzene	10.633	77	164376	7.384	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15167	2.590	ng	# 1
77) Benzidine	12.992	184	10641	2.357	ng	# 92

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

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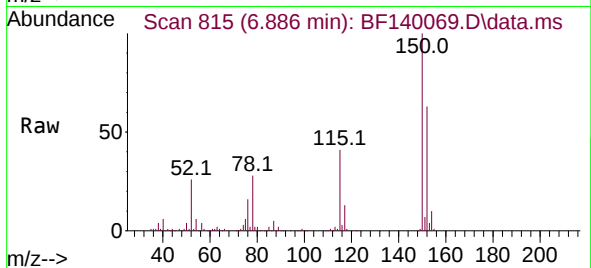
Quant Time: Oct 28 01:10:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration



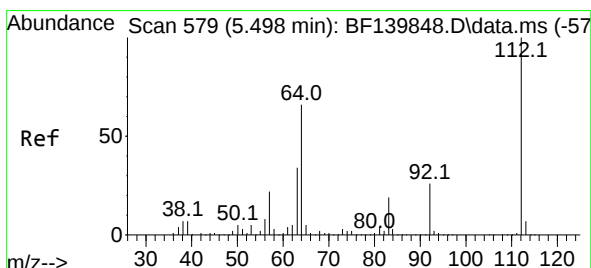
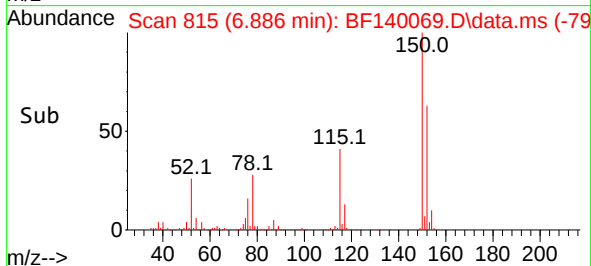
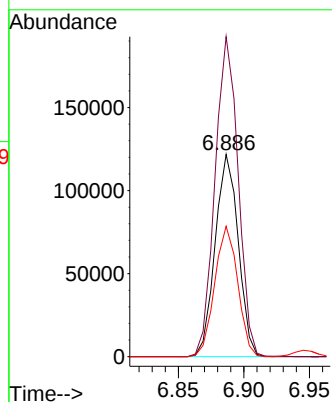


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Instrument :
BNA_F
ClientSampleId :
BP-F-21

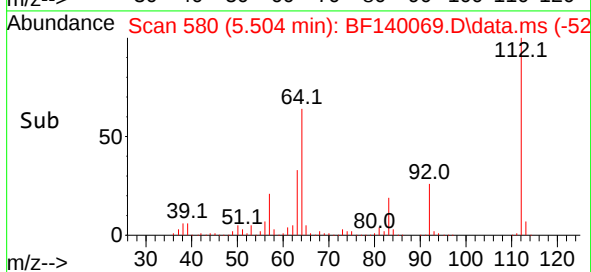
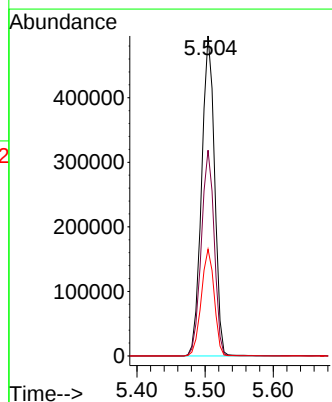
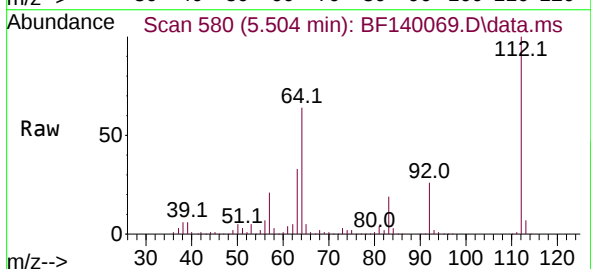


Tgt Ion:152 Resp: 148843
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 68.991 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:112 Resp: 655948
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.4 27.0 40.4

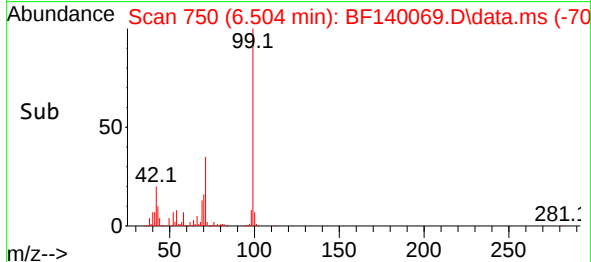
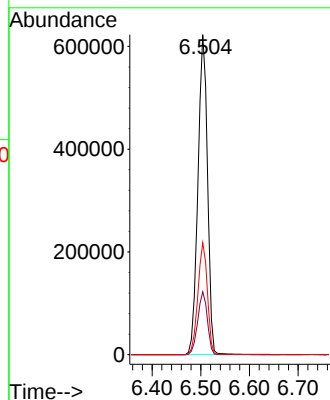
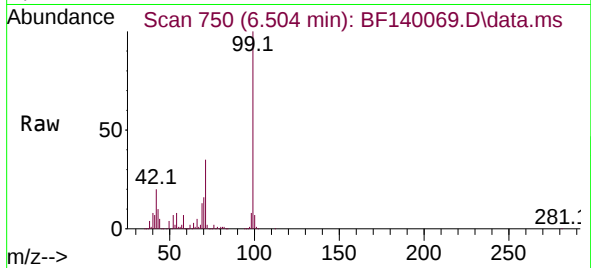




#7
Phenol-d6
Concen: 69.614 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

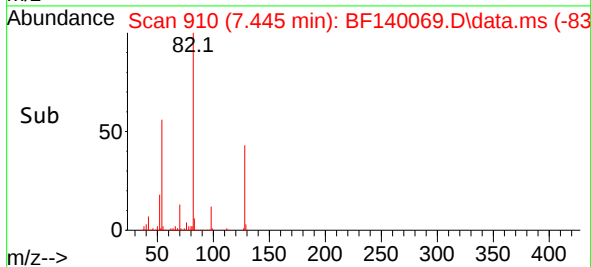
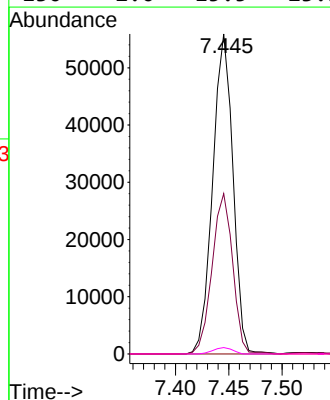
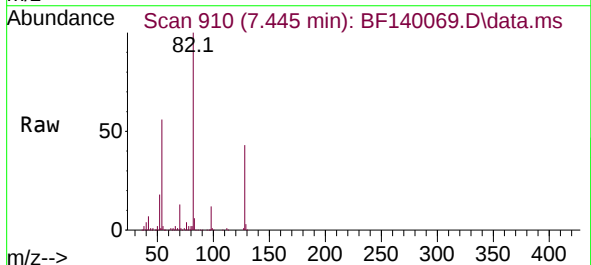
Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion: 99 Resp: 857229
Ion Ratio Lower Upper
99 100
42 19.6 16.7 25.1
71 35.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.867 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion: 70 Resp: 73692
Ion Ratio Lower Upper
70 100
42 50.1 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

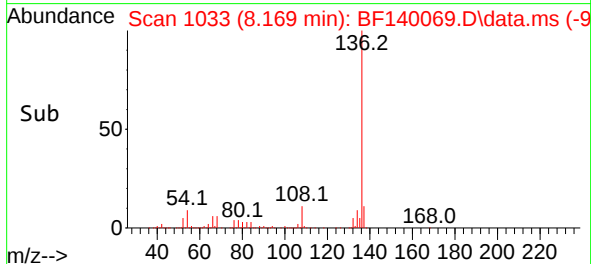
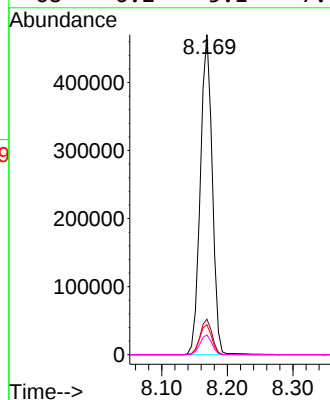
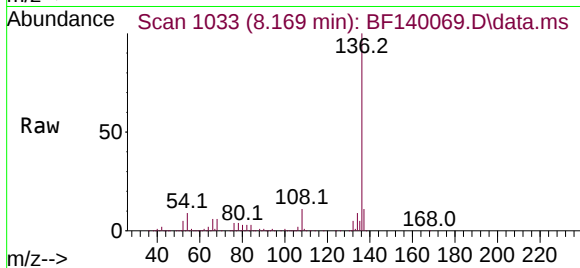




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

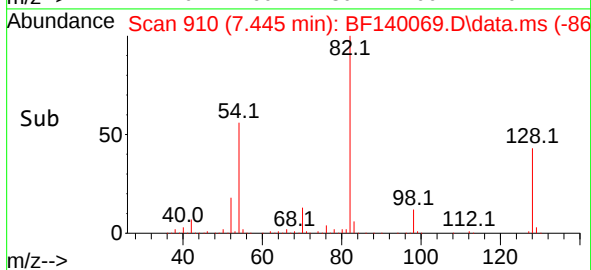
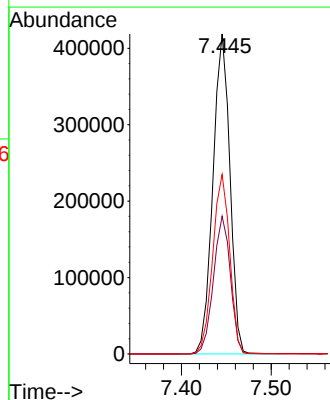
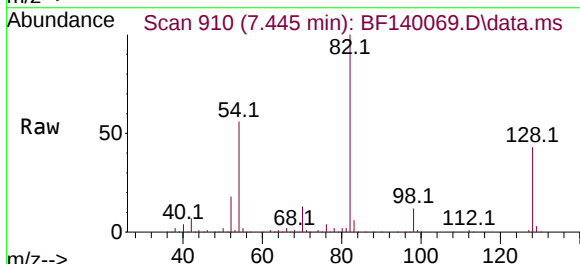
Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion:	136	Resp:	596055
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	9.4	8.4	12.6
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 51.163 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:	82	Resp:	550237
Ion Ratio	Lower	Upper	
82	100		
128	43.1	33.4	50.0
54	56.1	47.8	71.8

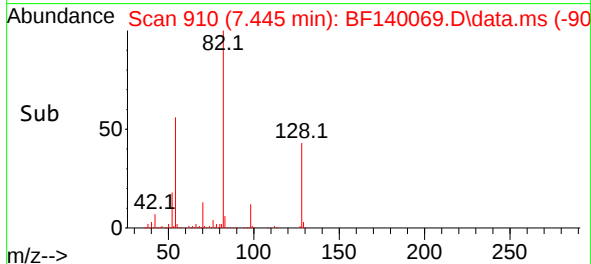
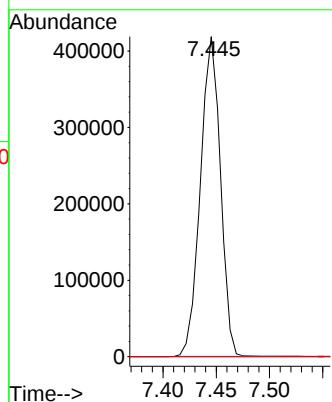
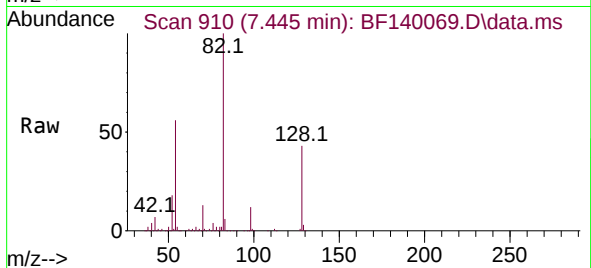




#25
Isophorone
Concen: 26.756 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

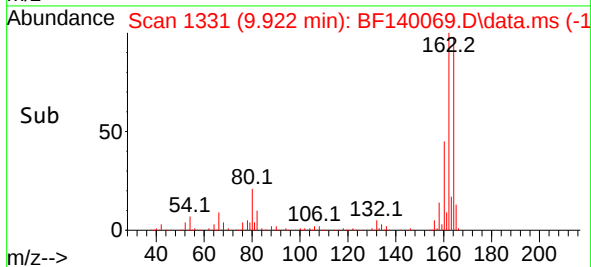
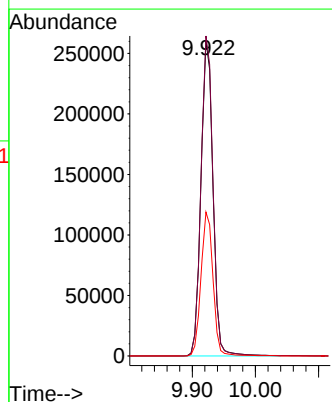
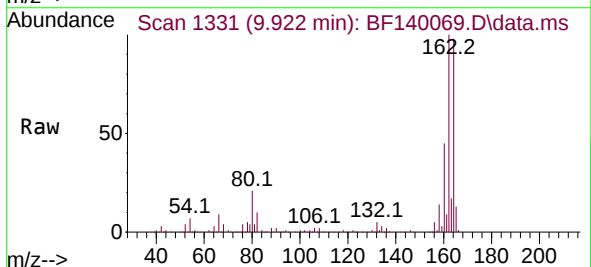
Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion: 82 Resp: 546148
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion: 164 Resp: 343363
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 45.6 35.4 53.0

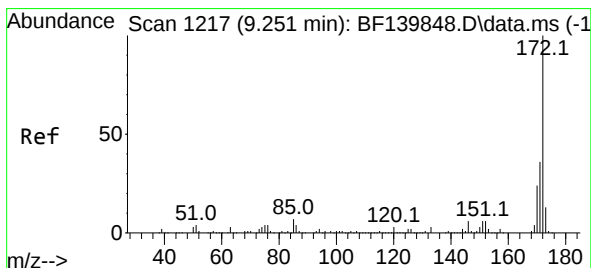
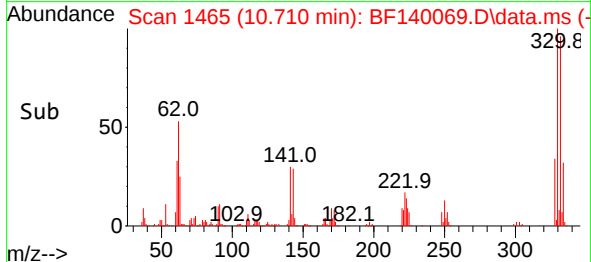
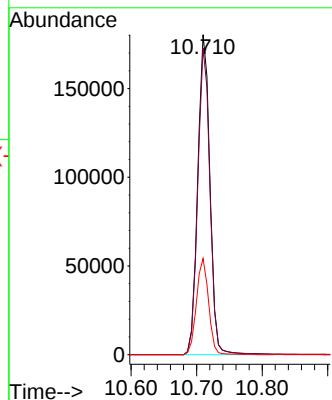
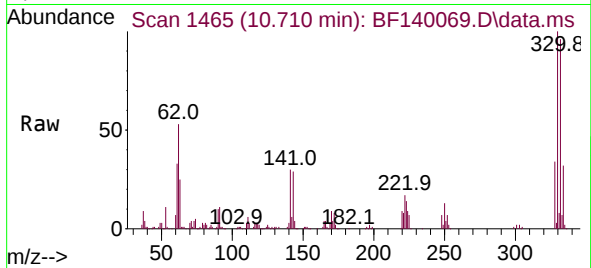




#42
2,4,6-Tribromophenol
Concen: 72.842 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

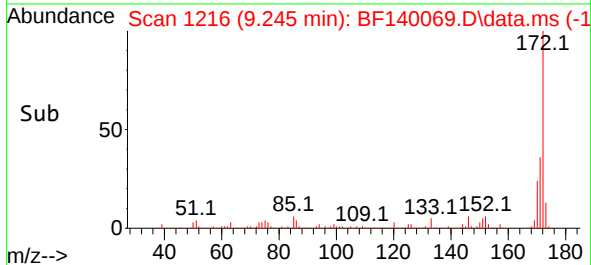
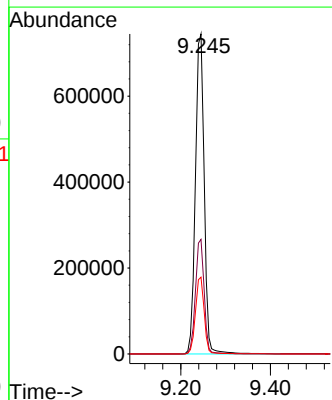
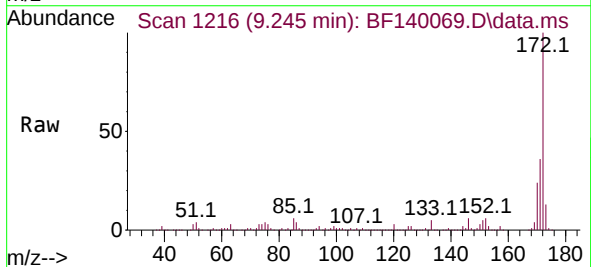
Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion:330 Resp: 233948
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 48.970 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:172 Resp: 1017396
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.1 28.7

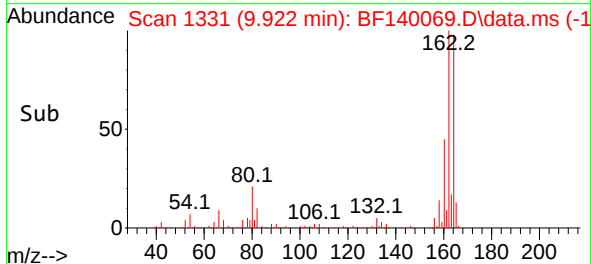
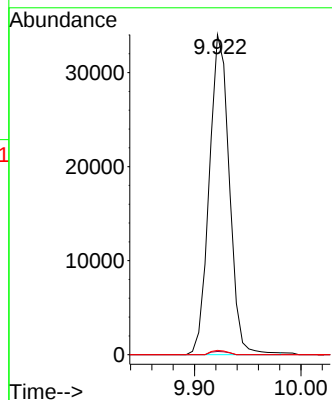
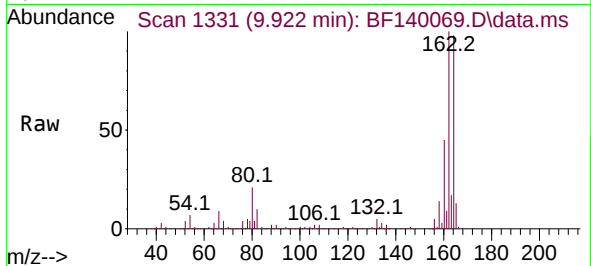




#51
2,6-Dinitrotoluene
Concen: 9.620 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

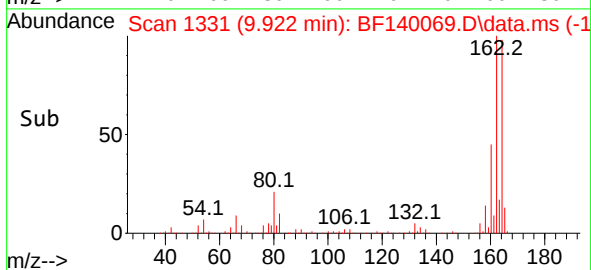
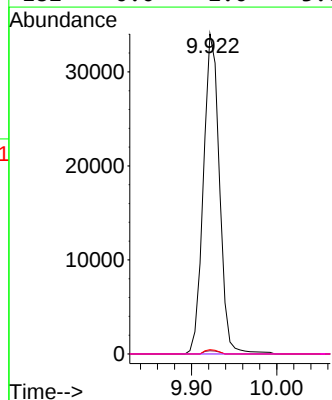
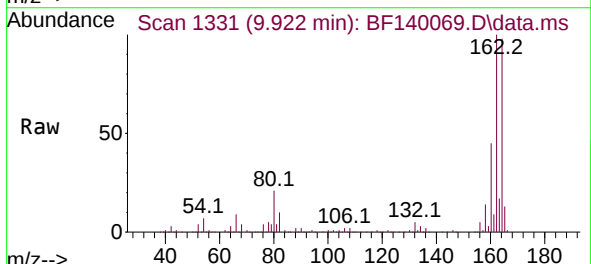
Instrument :
BNA_F
ClientSampleId :
BP-F-21

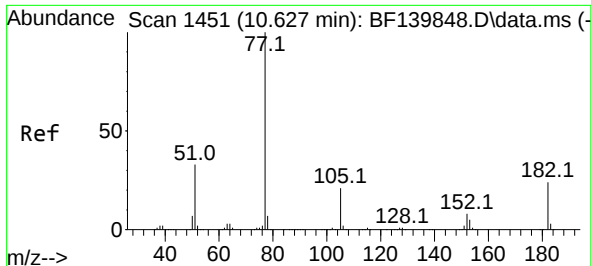
Tgt Ion:165 Resp: 44547
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.845 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:165 Resp: 44677
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#

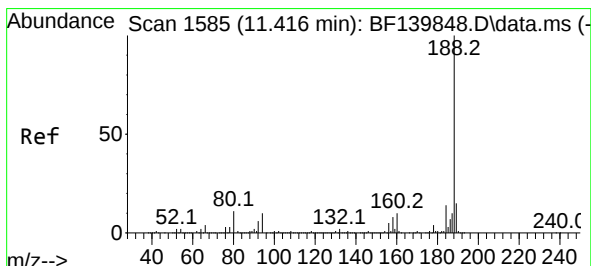
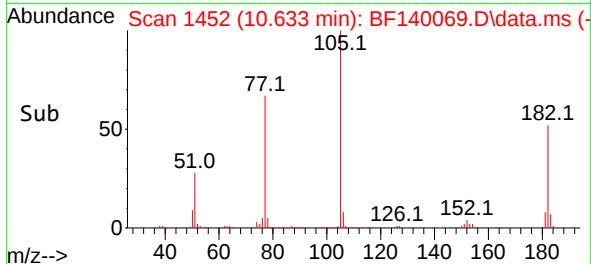
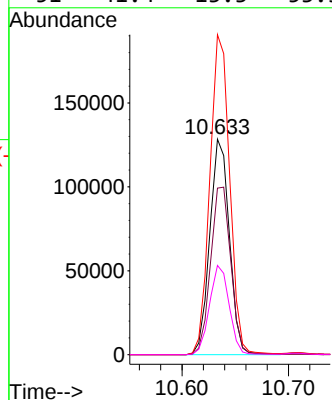
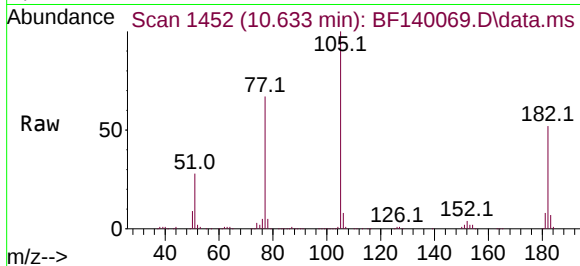




#63
Azobenzene
Concen: 7.384 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

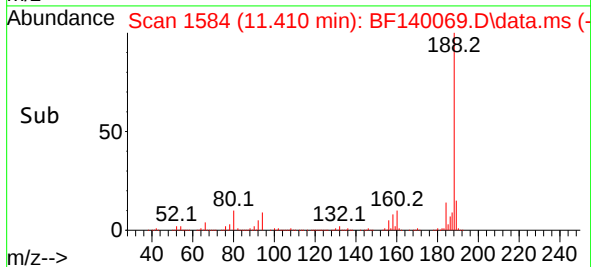
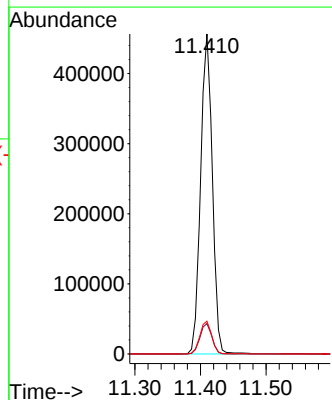
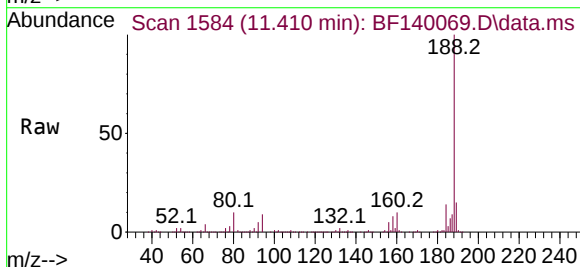
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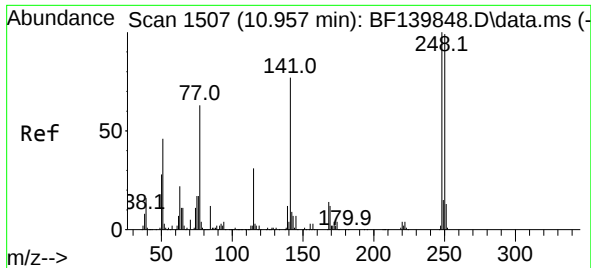
Tgt Ion: 77 Resp: 164376
Ion Ratio Lower Upper
77 100
182 77.3 3.3 43.3#
105 148.5 1.2 41.2#
51 41.4 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:188 Resp: 568427
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4

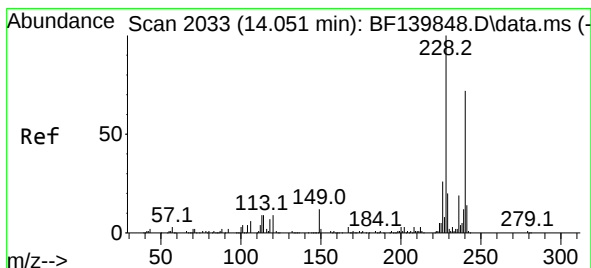
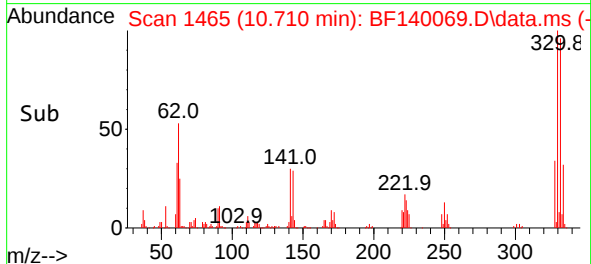
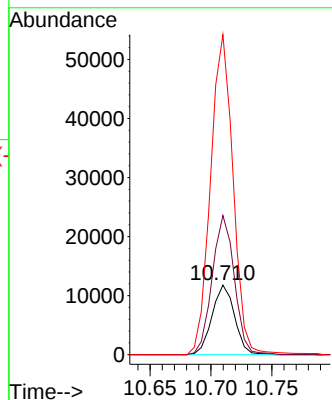
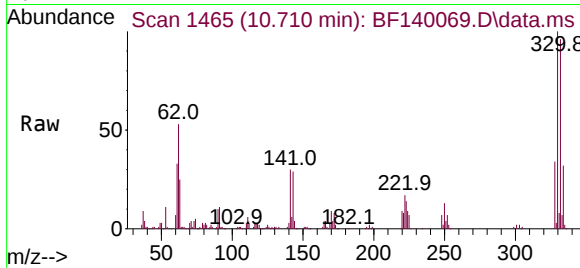




#67
4-Bromophenyl-phenylether
Concen: 2.590 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

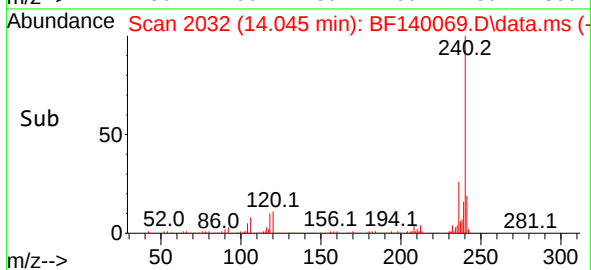
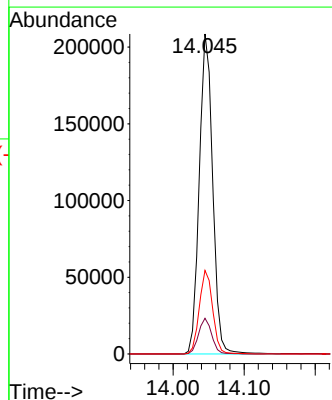
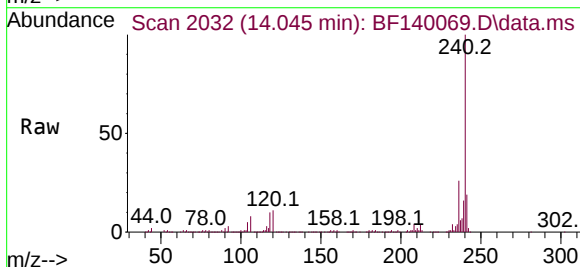
Instrument :
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ClientSampleId :
BP-F-21

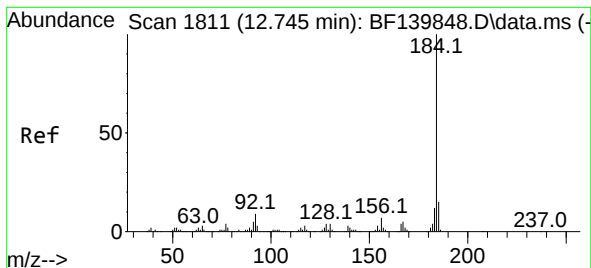
Tgt Ion:248 Resp: 15167
Ion Ratio Lower Upper
248 100
250 199.9 79.0 118.6#
141 459.3 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Tgt Ion:240 Resp: 274542
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 2.357 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF140069.D

Acq: 26 Oct 2024 19:37

Instrument :

BNA_F

ClientSampleId :

BP-F-21

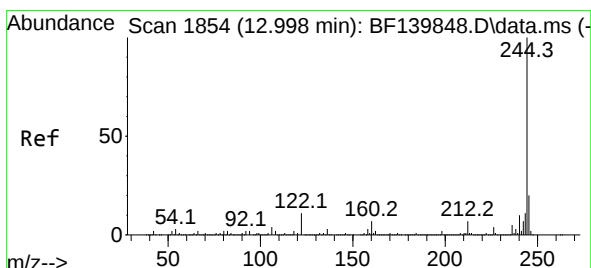
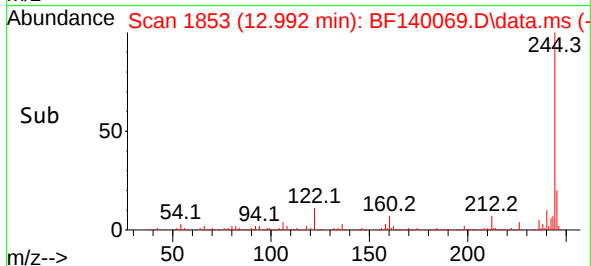
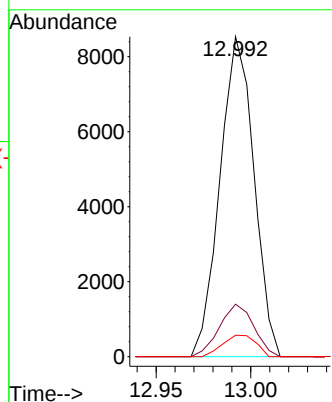
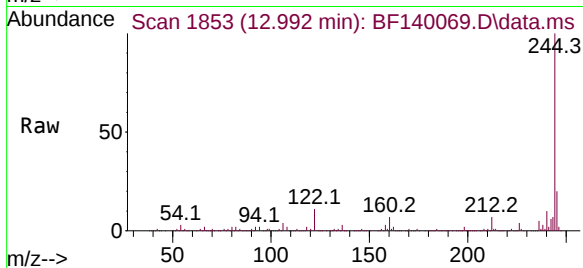
Tgt Ion:184 Resp: 10641

Ion Ratio Lower Upper

184 100

185 16.4 12.0 18.0

183 6.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 51.677 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF140069.D

Acq: 26 Oct 2024 19:37

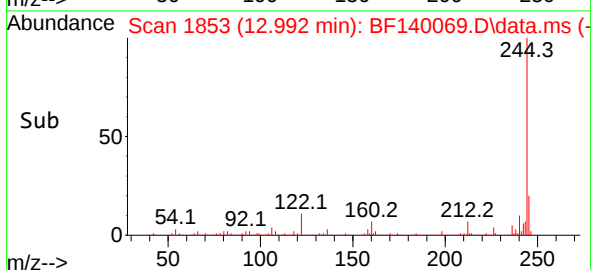
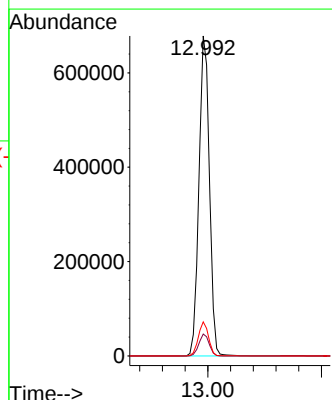
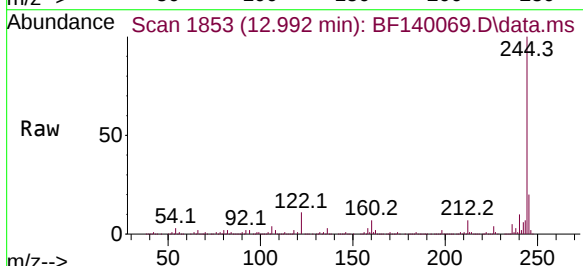
Tgt Ion:244 Resp: 870683

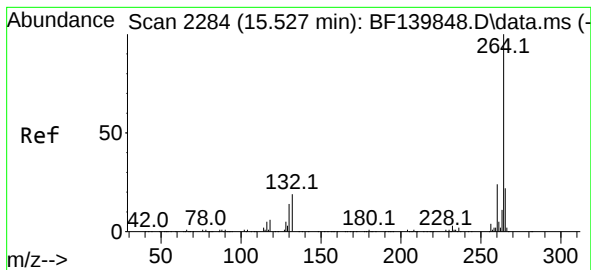
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.6 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140069.D
Acq: 26 Oct 2024 19:37

Instrument :
BNA_F
ClientSampleId :
BP-F-21

Tgt Ion:264 Resp: 300909

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.2	17.4	26.0

