

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140104.D
 Acq On : 29 Oct 2024 11:34
 Operator : RC/JU
 Sample : P4561-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18

Quant Time: Oct 29 12:07:47 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)

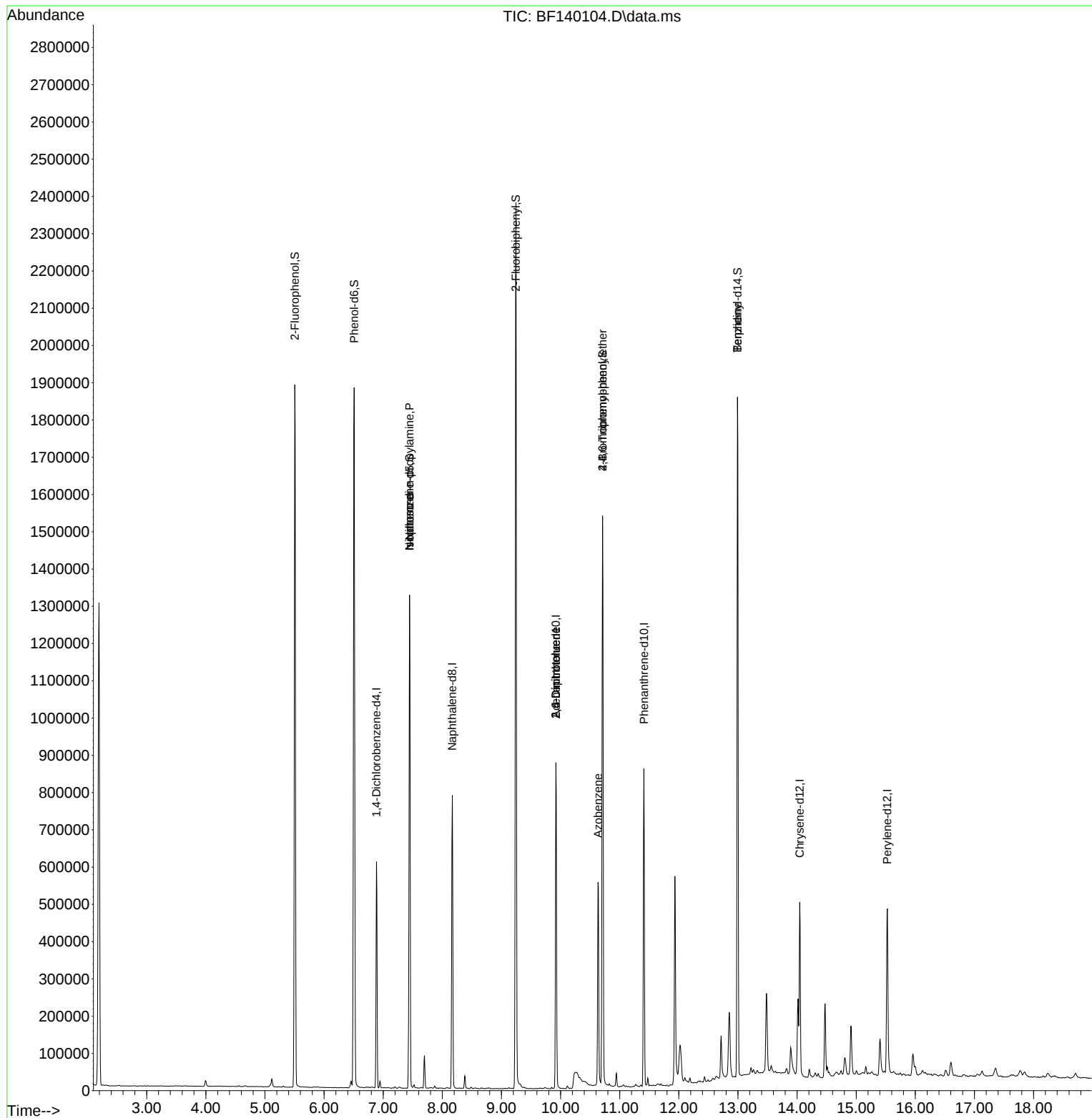
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	120255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	471606	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	261580	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	439763	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220037	20.000	ng	0.00
86) Perylene-d12	15.527	264	267262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	700004	91.127	ng	0.00
7) Phenol-d6	6.510	99	920801	92.553	ng	0.00
23) Nitrobenzene-d5	7.445	82	589763	69.310	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	262394	107.242	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1094046	69.123	ng	0.00
79) Terphenyl-d14	12.992	244	909711	67.369	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	80185	13.289	ng	# 77
25) Isophorone	7.445	82	585752	36.269	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	33725	9.560	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	33726	7.774	ng	# 21
63) Azobenzene	10.633	77	141314	8.332	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	16868	3.723	ng	# 1
77) Benzidine	12.992	184	11671	3.226	ng	# 92

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

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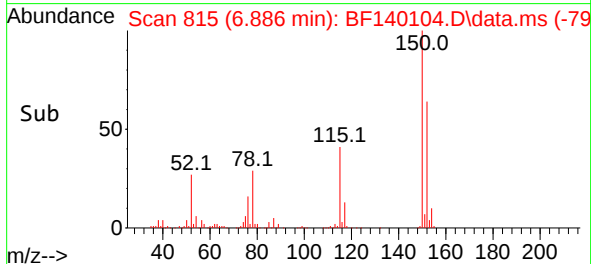
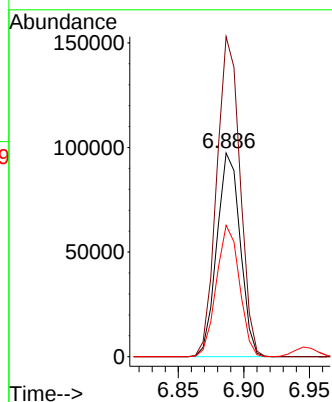
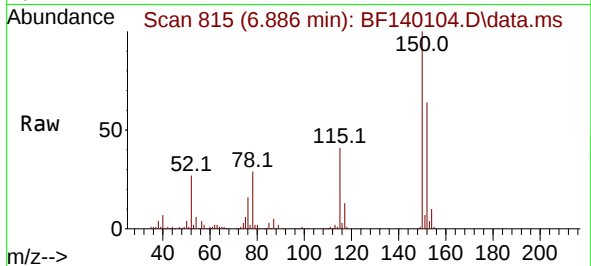




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

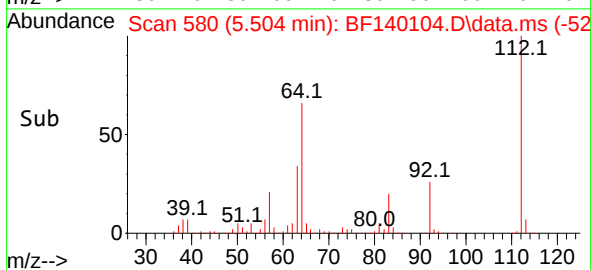
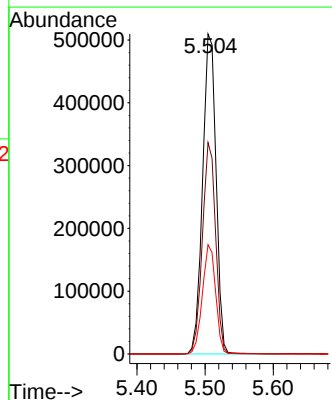
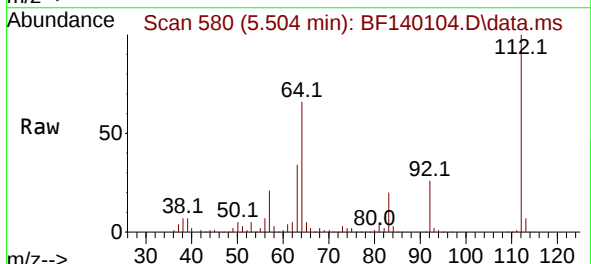
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:152 Resp: 120255
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.5 51.4 77.2



#5
2-Fluorophenol
Concen: 91.127 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:112 Resp: 700004
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 34.2 27.0 40.4

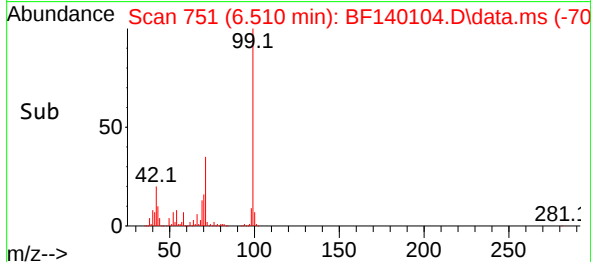
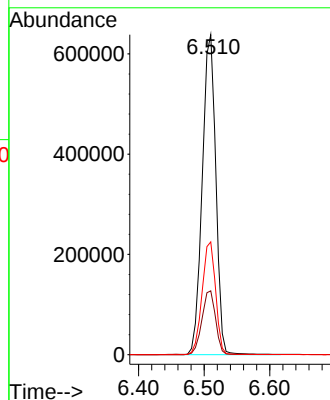
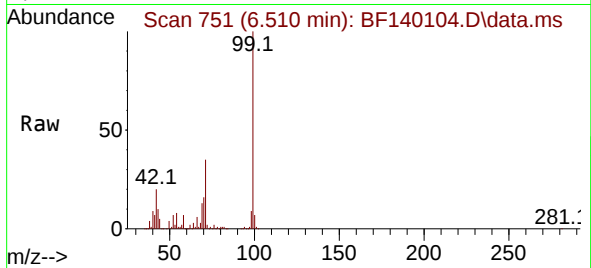




#7
Phenol-d6
Concen: 92.553 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

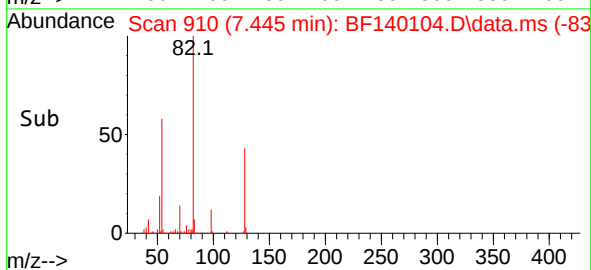
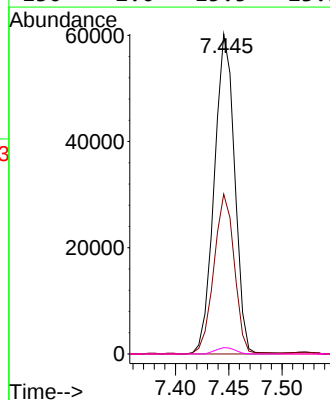
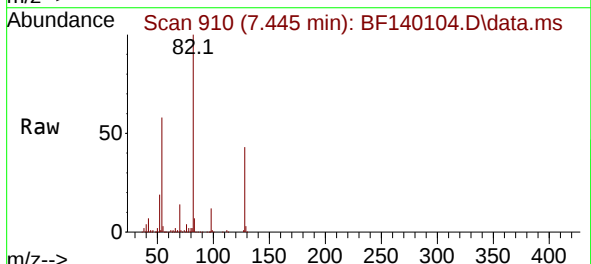
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion: 99 Resp: 920801
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.289 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion: 70 Resp: 80185
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

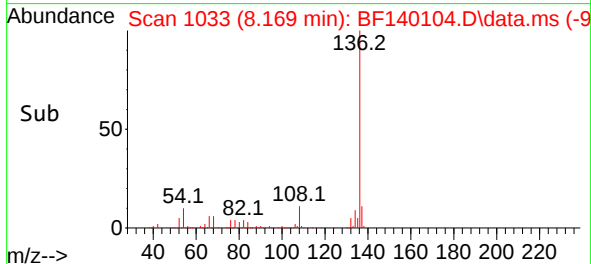
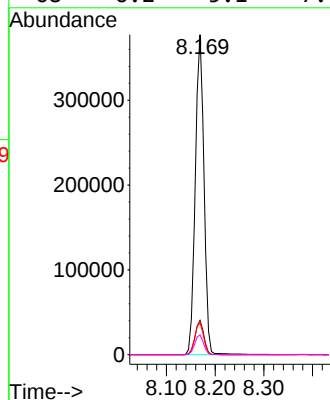
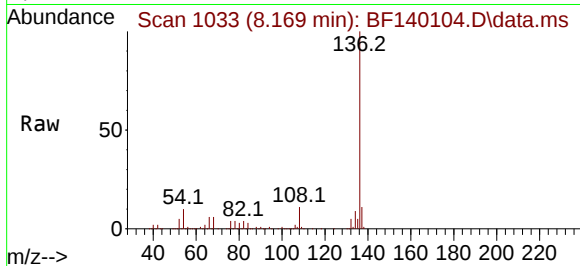




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

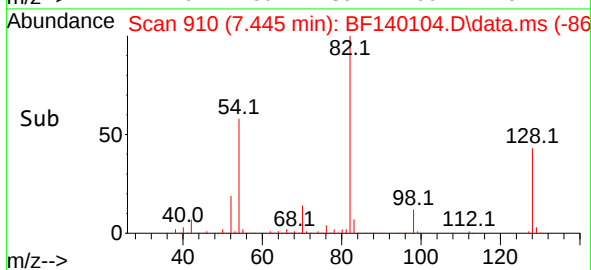
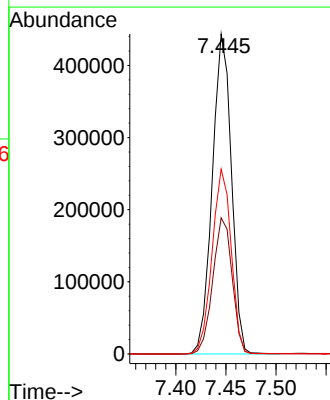
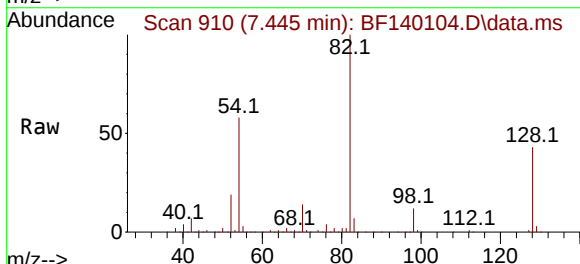
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion:	136	Resp:	471606
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 69.310 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:	82	Resp:	589763
Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	57.8	47.8	71.8

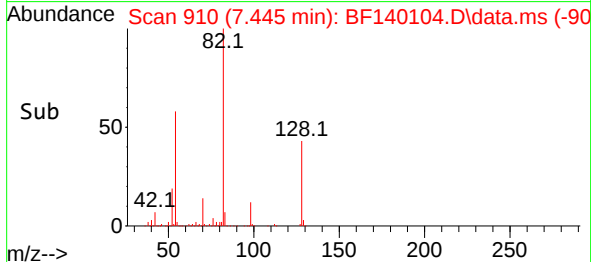
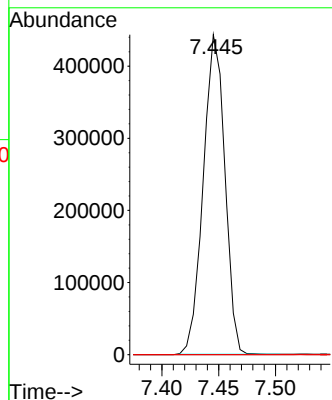
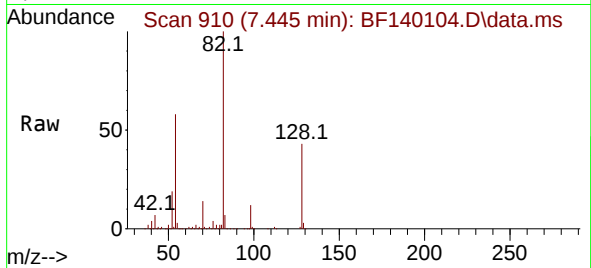




#25
Isophorone
Concen: 36.269 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

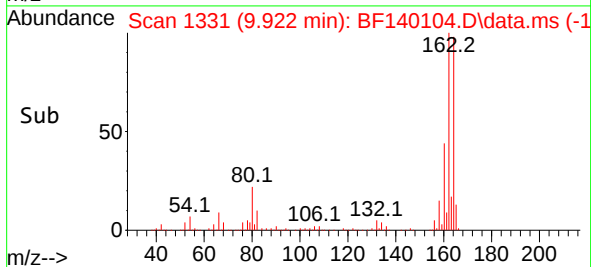
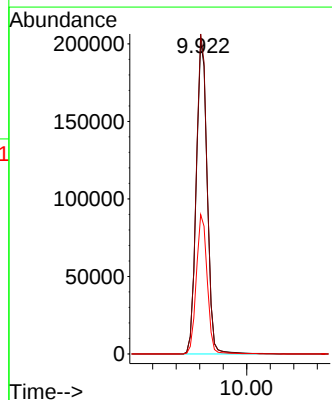
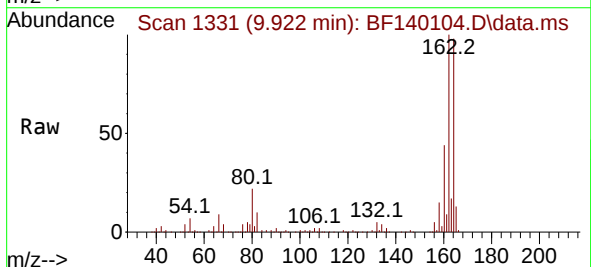
Instrument :
BNA_F
ClientSampleId :
BP-F-18

Tgt Ion: 82 Resp: 585752
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: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:164 Resp: 261580
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 44.4 35.4 53.0

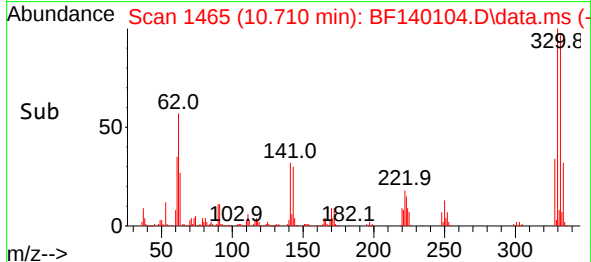
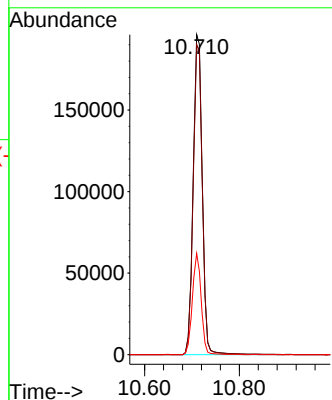
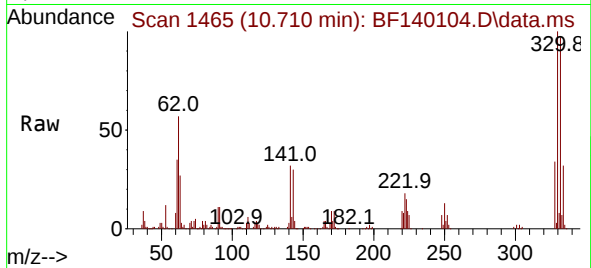




#42
2,4,6-Tribromophenol
Concen: 107.242 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

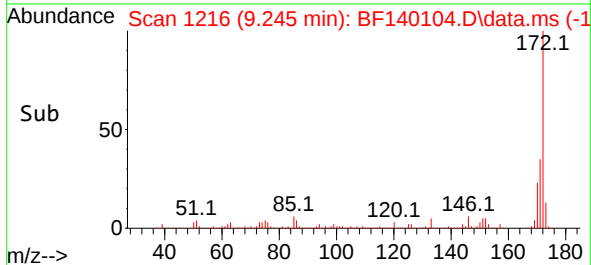
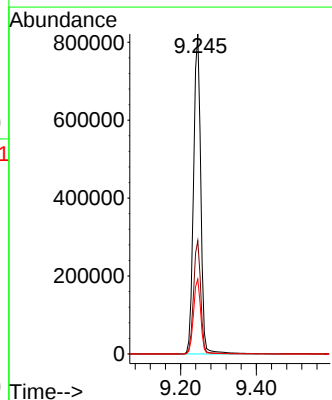
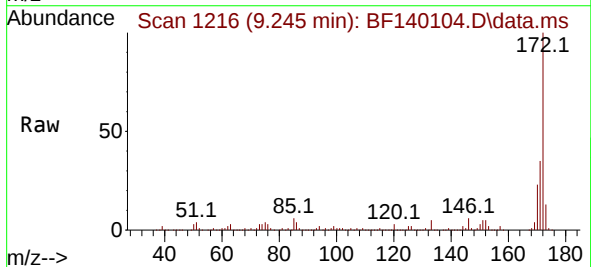
Instrument :
BNA_F
ClientSampleId :
BP-F-18

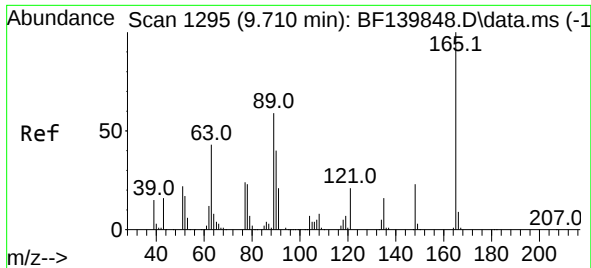
Tgt Ion:330 Resp: 262394
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 30.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 69.123 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:172 Resp: 1094046
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.1 28.7

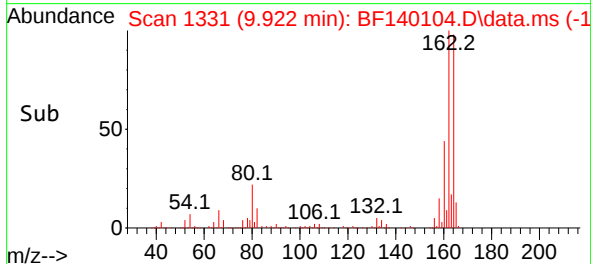
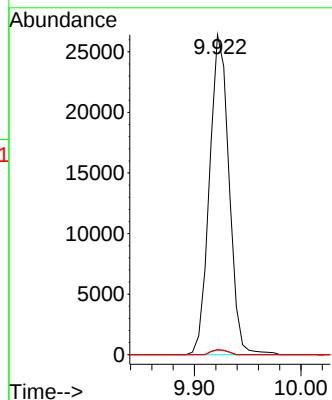
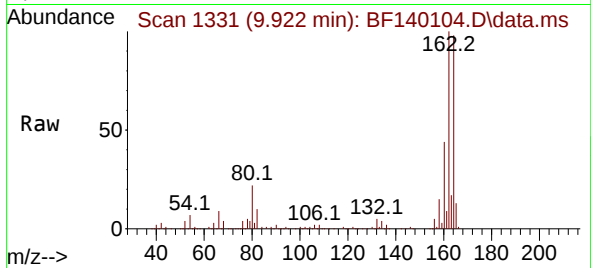




#51
2,6-Dinitrotoluene
Concen: 9.560 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

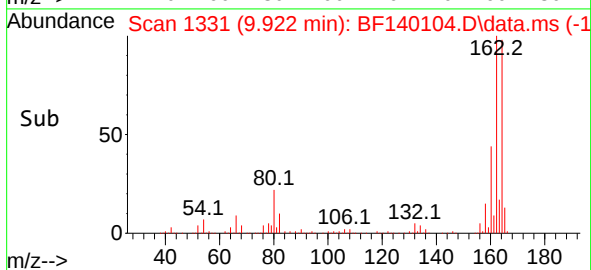
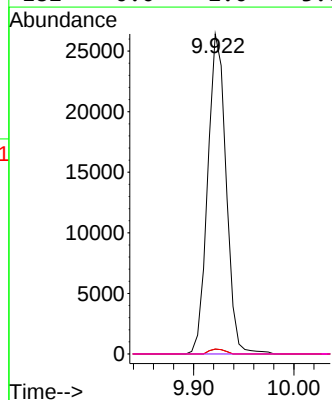
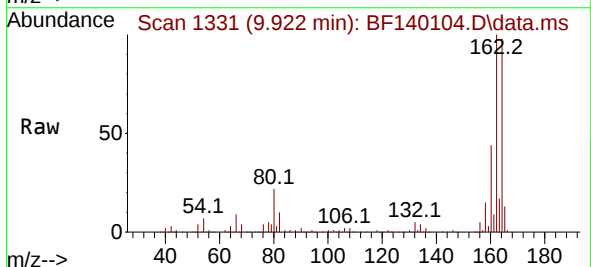
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BNA_F
ClientSampleId :
BP-F-18

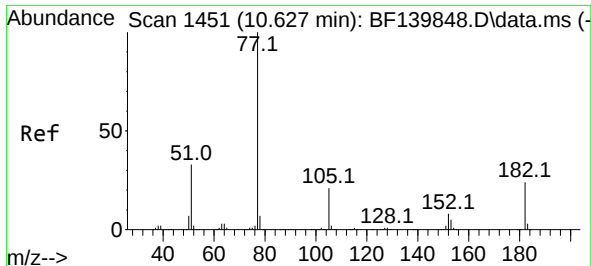
Tgt Ion:165 Resp: 33725
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.774 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:165 Resp: 33726
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#

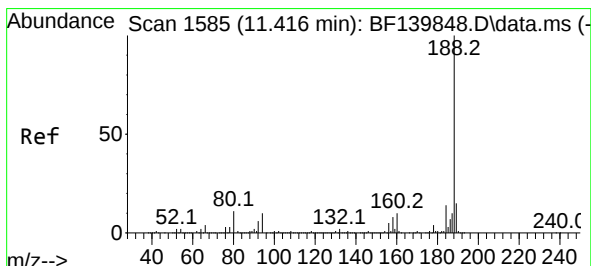
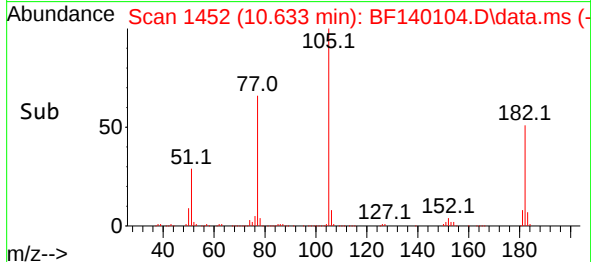
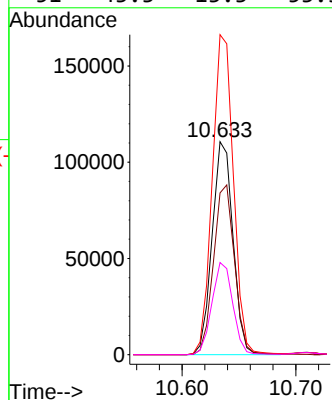
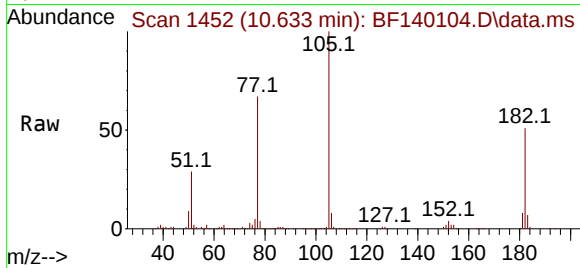




#63
Azobenzene
Concen: 8.332 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

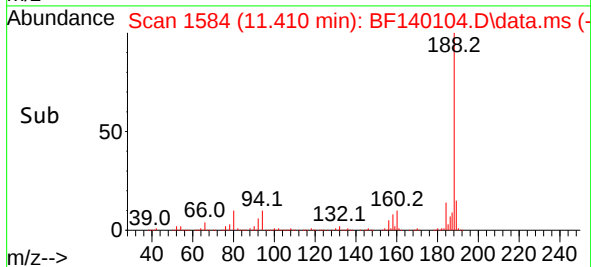
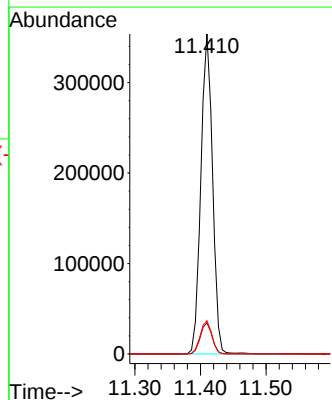
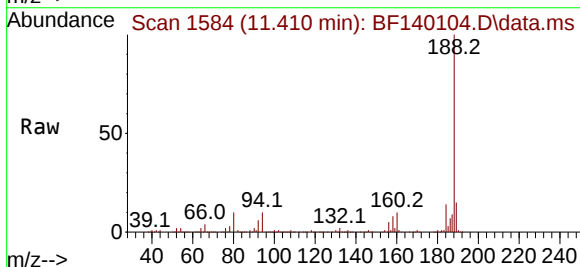
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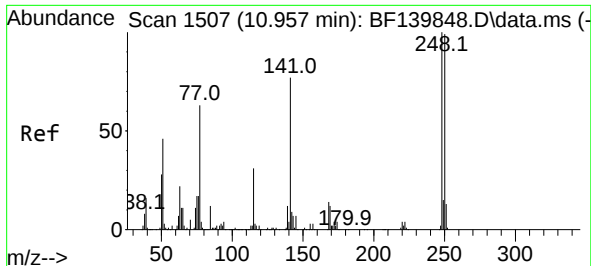
Tgt Ion: 77 Resp: 141314
Ion Ratio Lower Upper
77 100
182 76.0 3.3 43.3#
105 150.3 1.2 41.2#
51 43.3 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion: 188 Resp: 439763
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.4 9.0 13.4

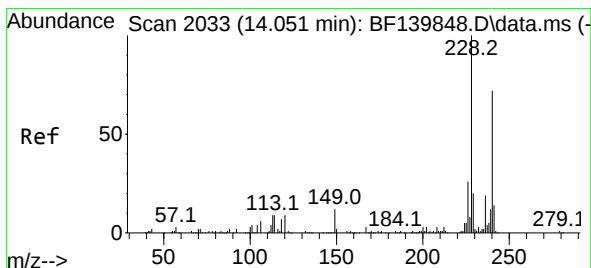
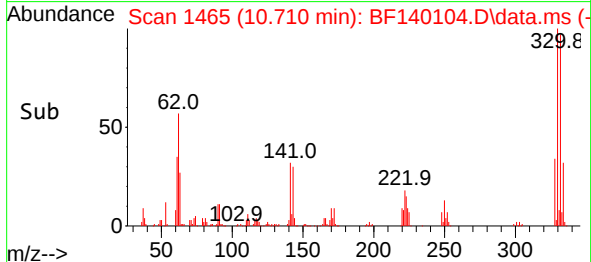
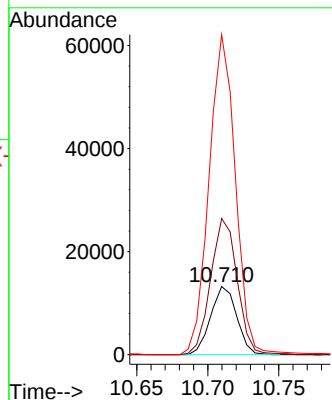
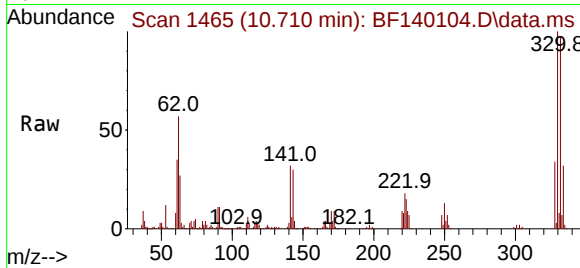




#67
4-Bromophenyl-phenylether
Concen: 3.723 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

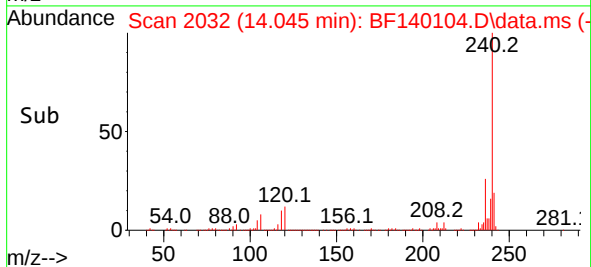
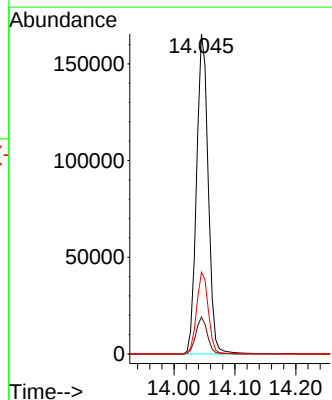
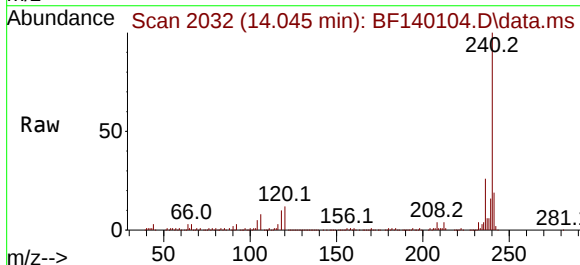
Instrument :
BNA_F
ClientSampleId :
BP-F-18

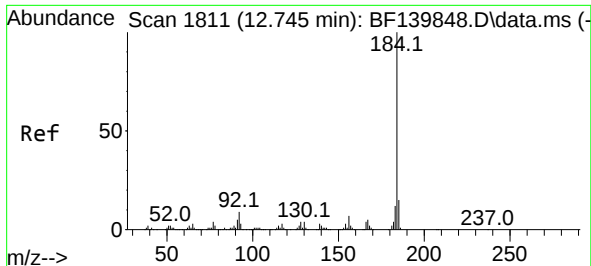
Tgt Ion:248 Resp: 16868
Ion Ratio Lower Upper
248 100
250 200.0 79.0 118.6#
141 469.9 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:240 Resp: 220037
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.6 20.9 31.3

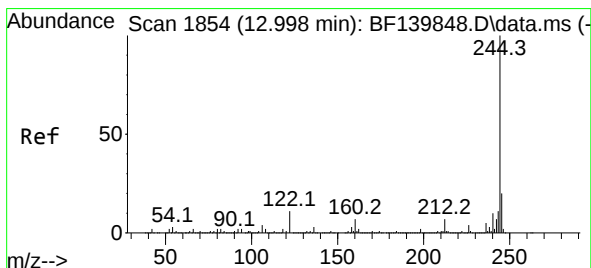
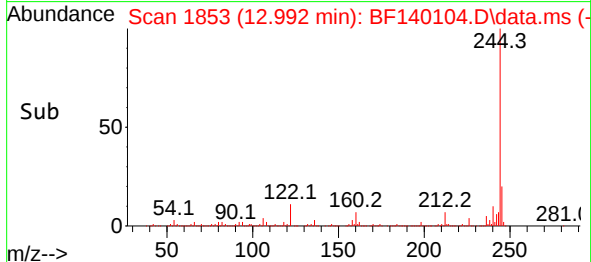
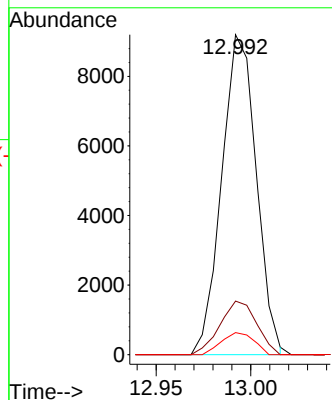
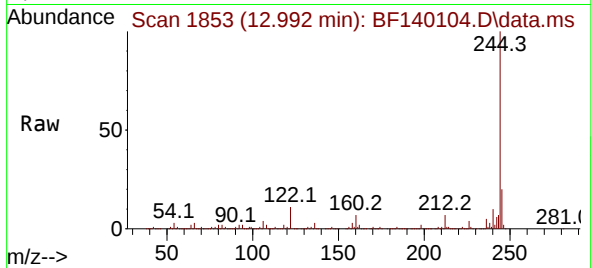




#77
Benzidine
Concen: 3.226 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

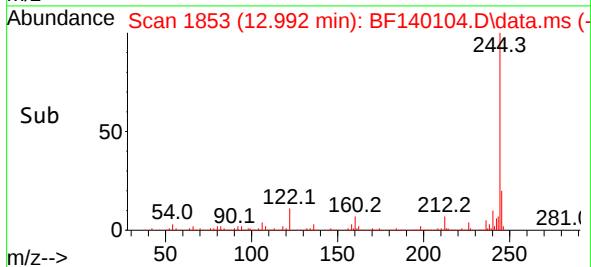
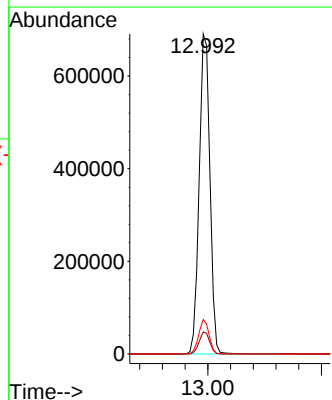
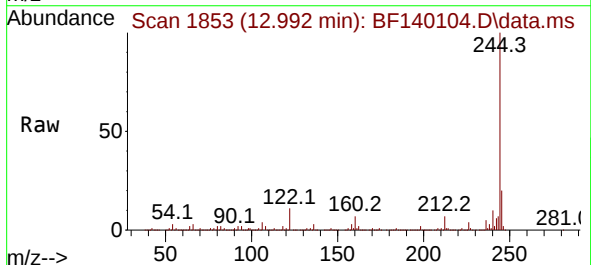
Instrument :
BNA_F
ClientSampleId :
BP-F-18

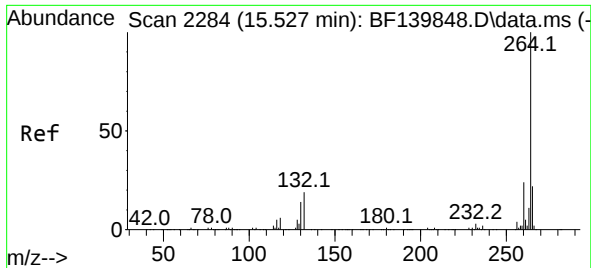
Tgt Ion:184 Resp: 11671
Ion Ratio Lower Upper
184 100
185 16.7 12.0 18.0
183 6.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 67.369 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140104.D
Acq: 29 Oct 2024 11:34

Tgt Ion:244 Resp: 909711
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.7 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: BF140104.D
 Acq: 29 Oct 2024 11:34

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-18

Tgt Ion:264 Resp: 267262
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.4 26.0

