

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140031.D
 Acq On : 25 Oct 2024 12:09
 Operator : RC/JU
 Sample : PB164335TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164335TB

Quant Time: Oct 25 12:36:27 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)

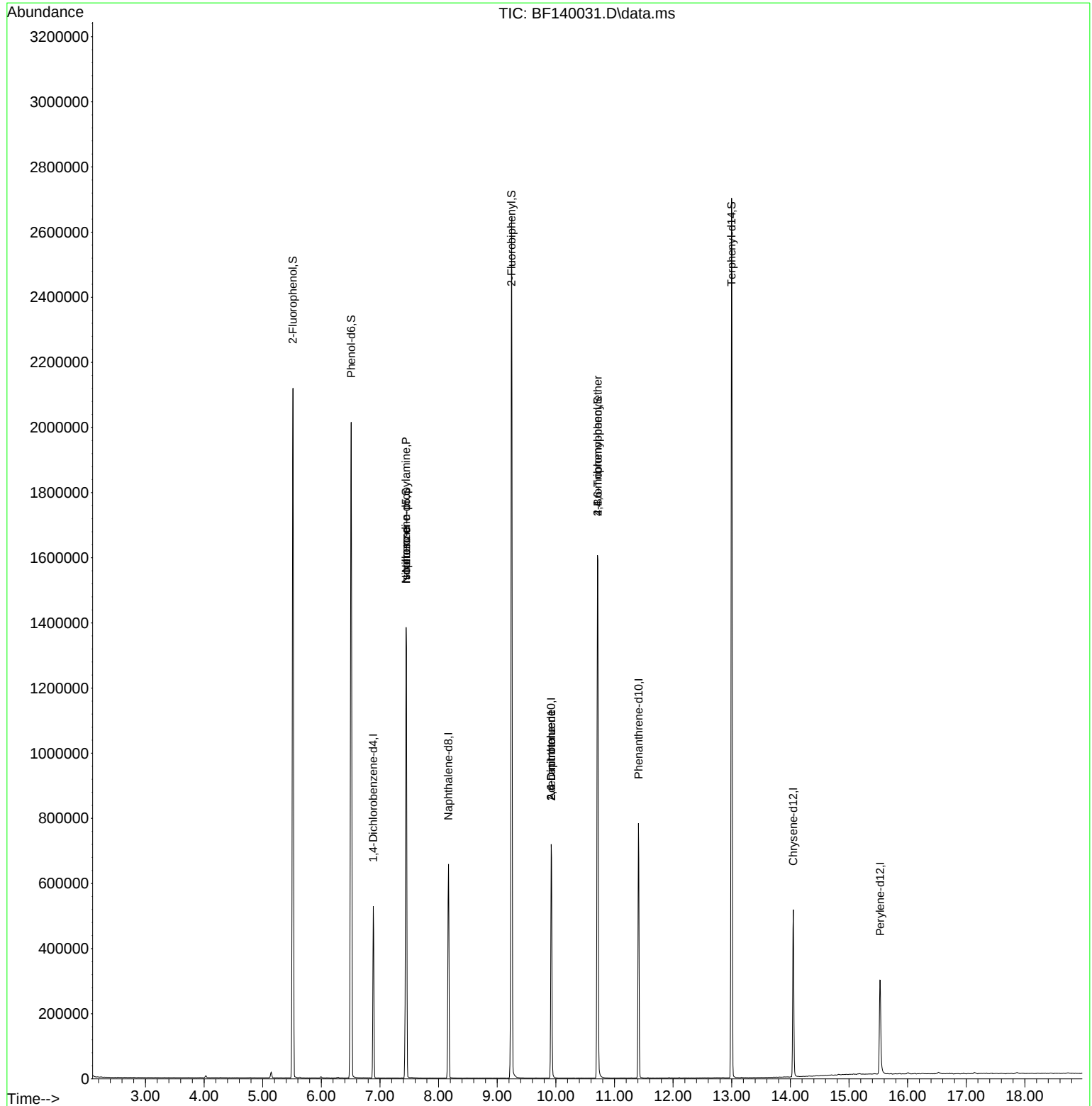
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	104379	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	404635	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	228419	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	408983	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251030	20.000	ng	0.00
86) Perylene-d12	15.533	264	202385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	800766	120.100	ng	0.02
7) Phenol-d6	6.510	99	1013028	117.310	ng	0.00
23) Nitrobenzene-d5	7.445	82	669400	91.689	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299506	140.181	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1240784	89.775	ng	0.00
79) Terphenyl-d14	12.998	244	1367878	88.791	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	91677	17.504	ng	# 76
25) Isophorone	7.445	82	665501	48.027	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	29532	9.586	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	29532	7.796	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	19774	4.693	ng	# 1

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

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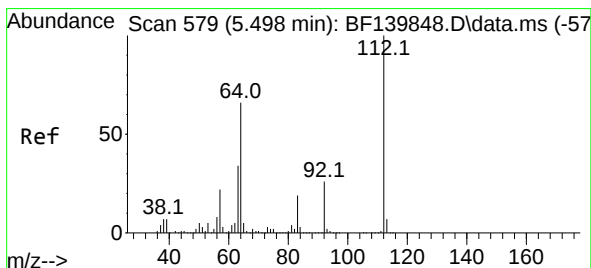
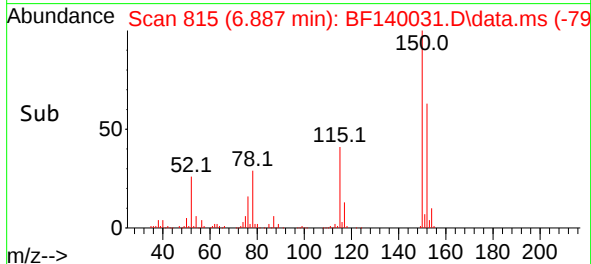
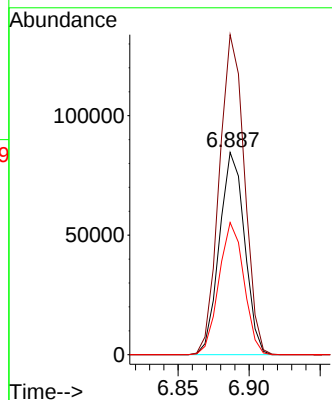
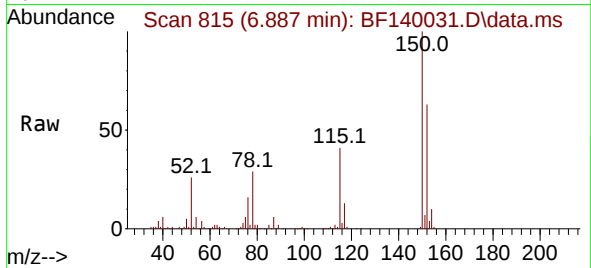




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

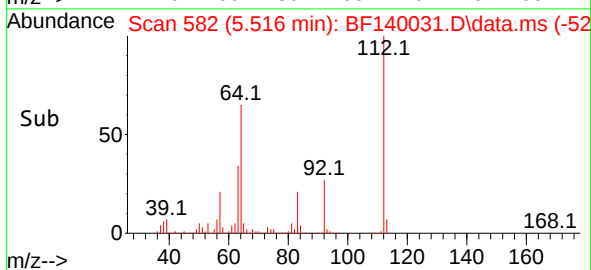
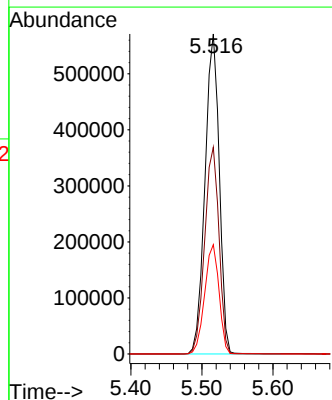
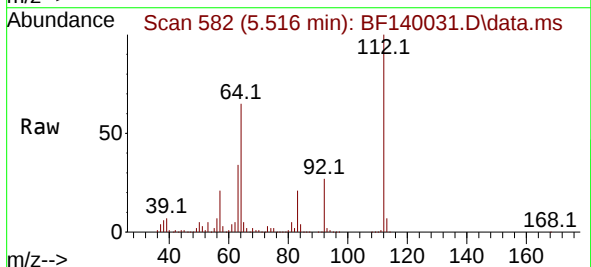
Instrument :
BNA_F
ClientSampleId :
PB164335TB

Tgt Ion:152 Resp: 104379
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 120.100 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion:112 Resp: 800766
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.2 27.0 40.4





#7
Phenol-d6
Concen: 117.310 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

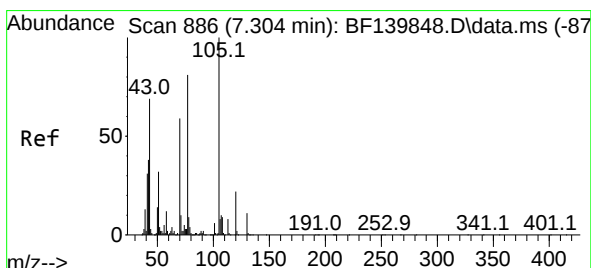
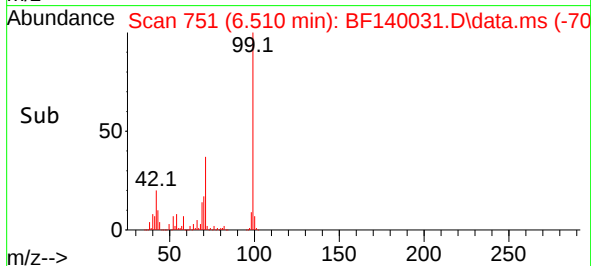
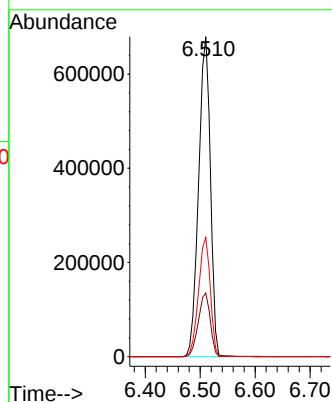
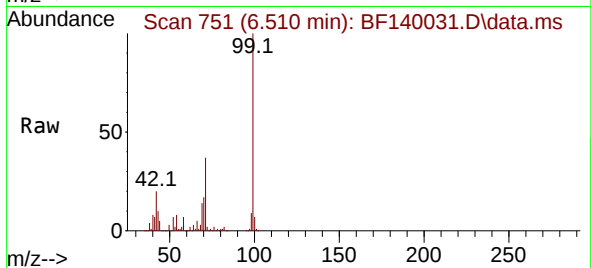
Instrument :

BNA_F

ClientSampleId :

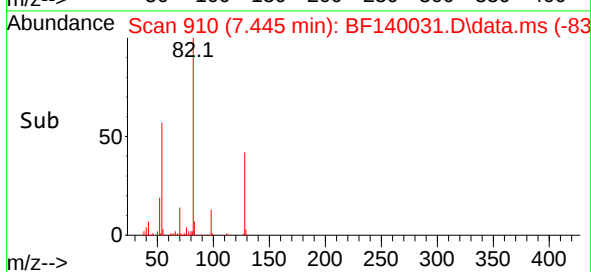
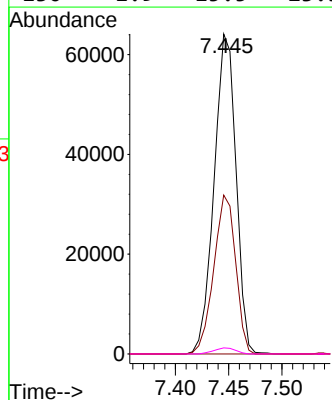
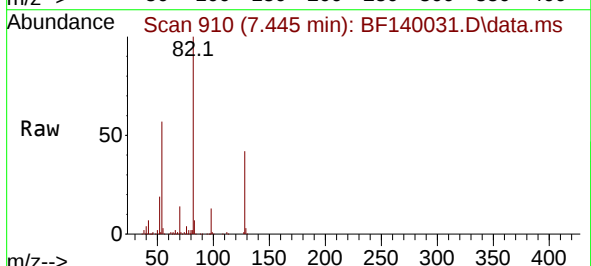
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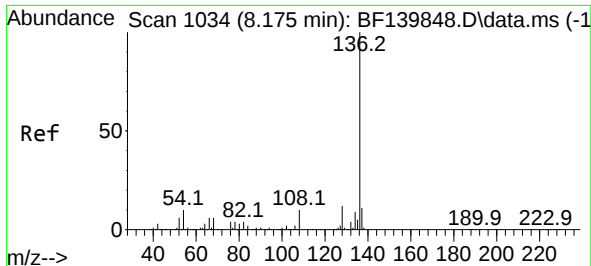
Tgt Ion: 99 Resp: 1013028
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 37.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.504 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion: 70 Resp: 91677
Ion Ratio Lower Upper
70 100
42 49.6 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



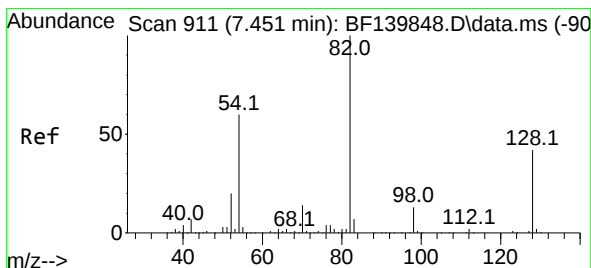
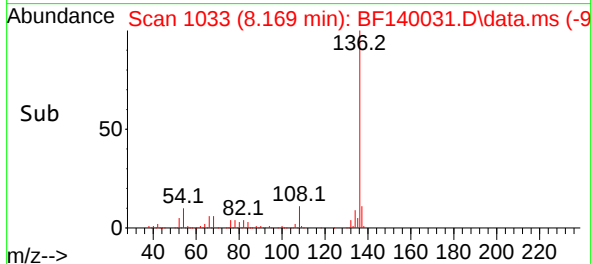
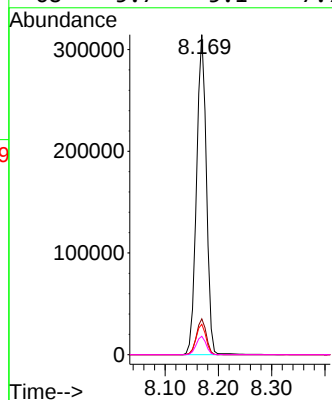
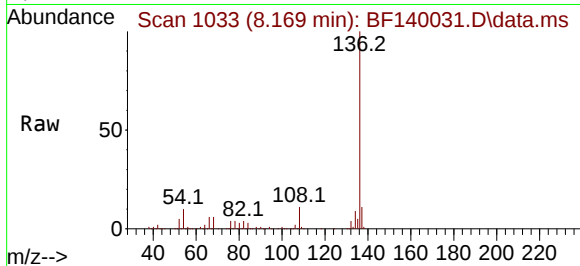


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Instrument :
BNA_F
ClientSampleId :
PB164335TB

Tgt Ion:136 Resp: 404635

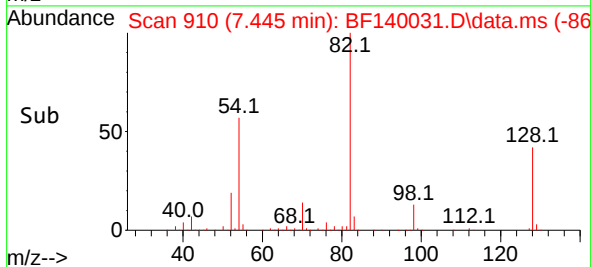
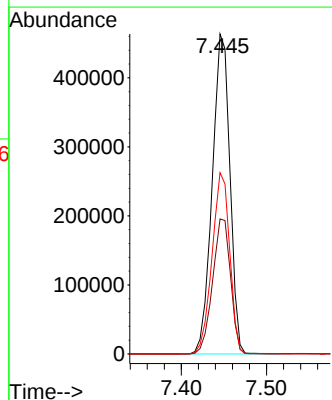
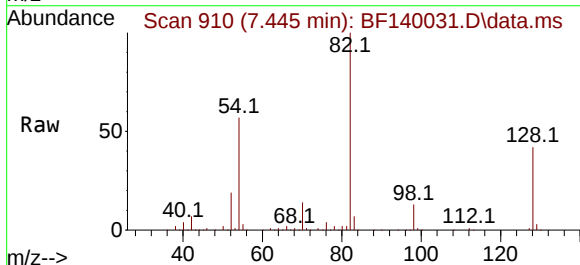
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.5	8.4	12.6
68	5.7	5.1	7.7

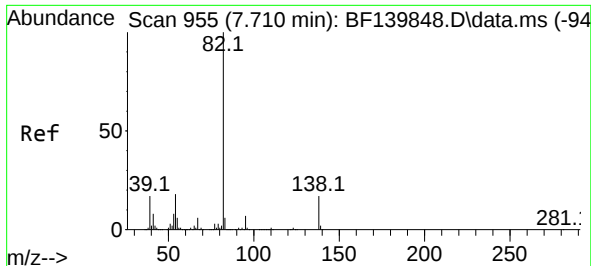


#23
Nitrobenzene-d5
Concen: 91.689 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion: 82 Resp: 669400

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	56.6	47.8	71.8

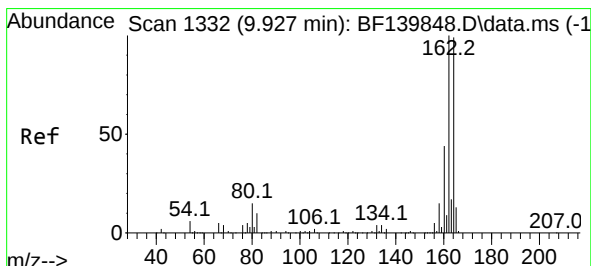
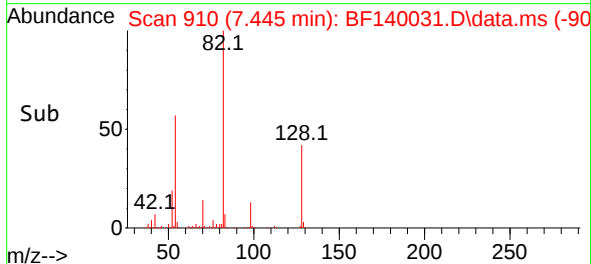
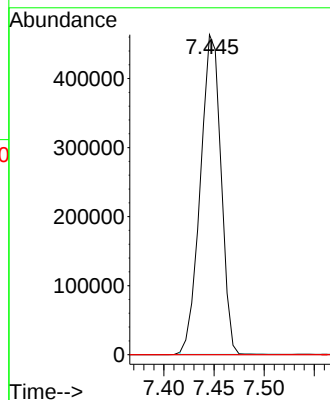
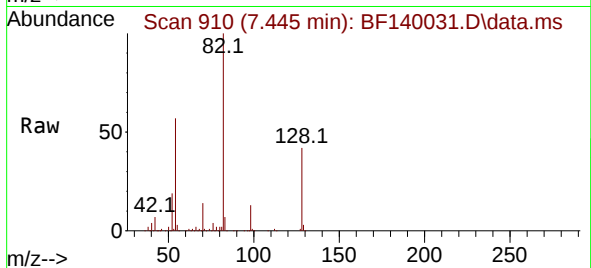




#25
Isophorone
Concen: 48.027 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

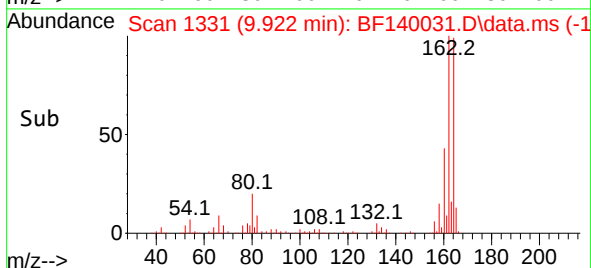
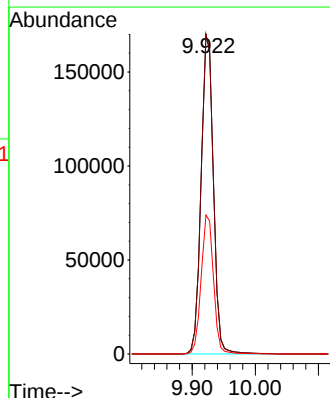
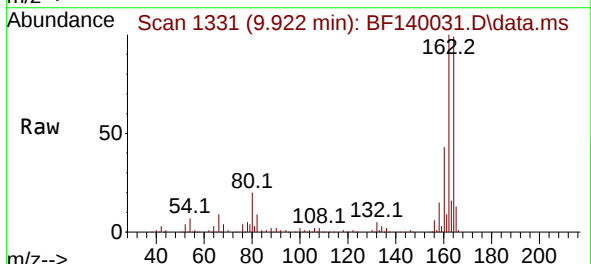
Instrument :
BNA_F
ClientSampleId :
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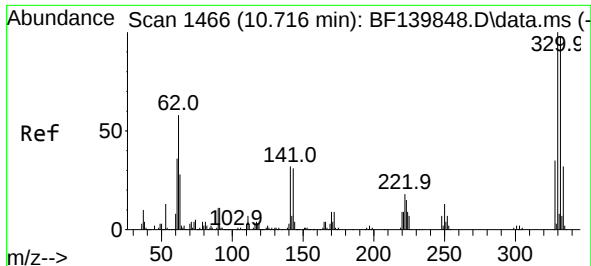
Tgt Ion: 82 Resp: 665501
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion: 164 Resp: 228419
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 140.181 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140031.D

Acq: 25 Oct 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB164335TB

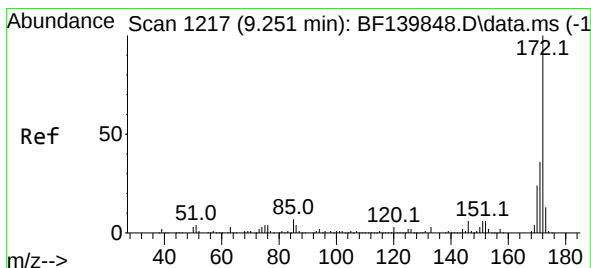
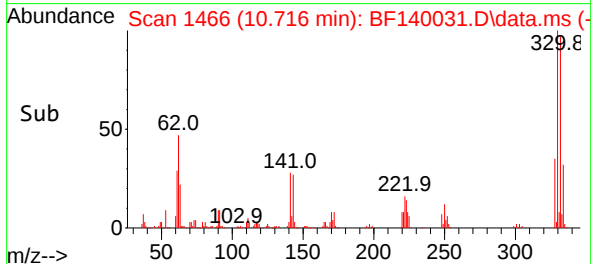
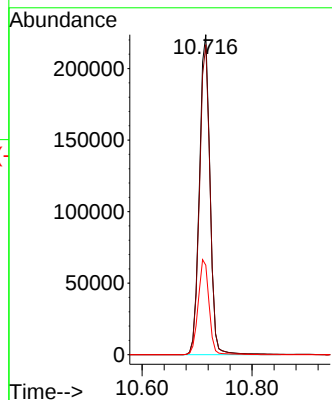
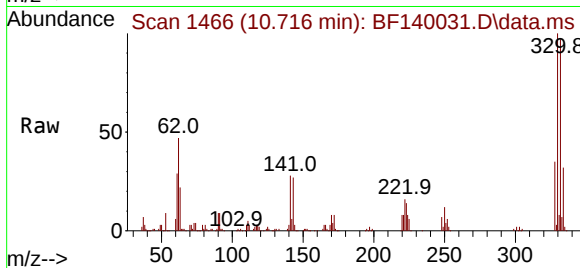
Tgt Ion:330 Resp: 299506

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 30.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 89.775 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140031.D

Acq: 25 Oct 2024 12:09

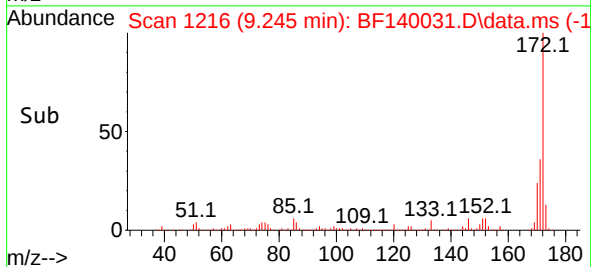
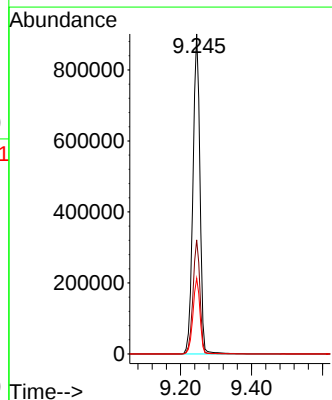
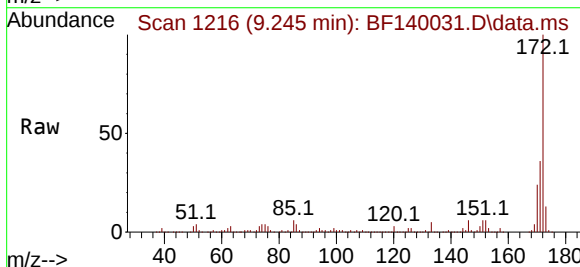
Tgt Ion:172 Resp: 1240784

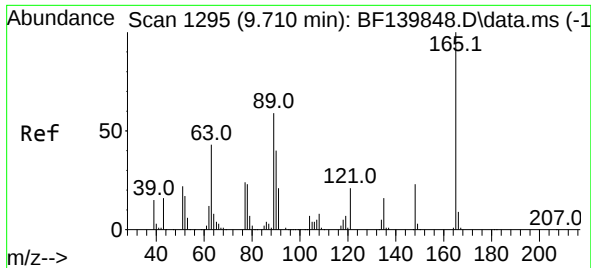
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.6 19.1 28.7

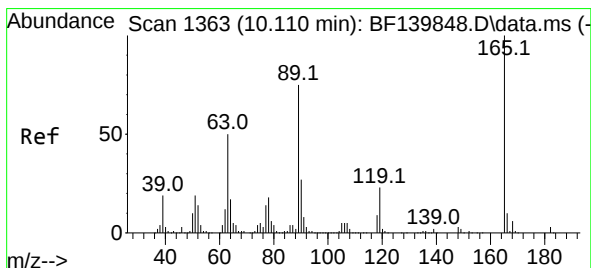
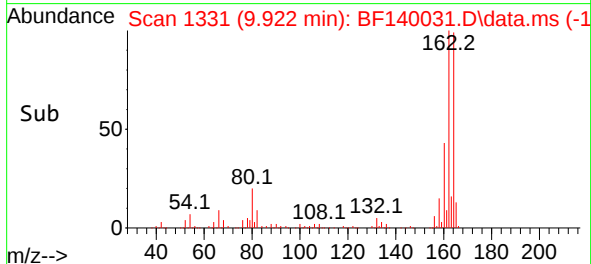
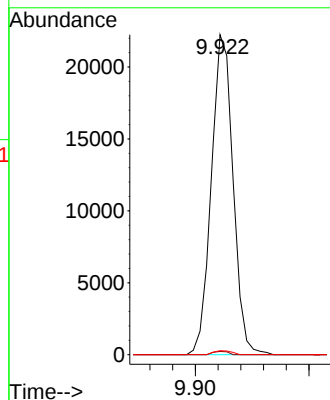
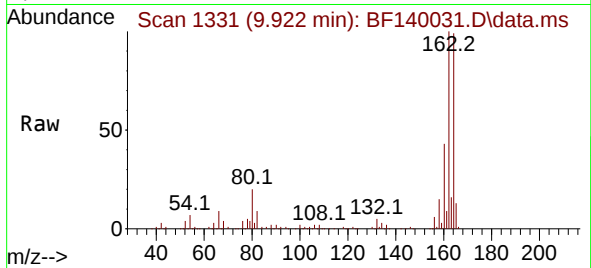




#51
2,6-Dinitrotoluene
Concen: 9.586 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

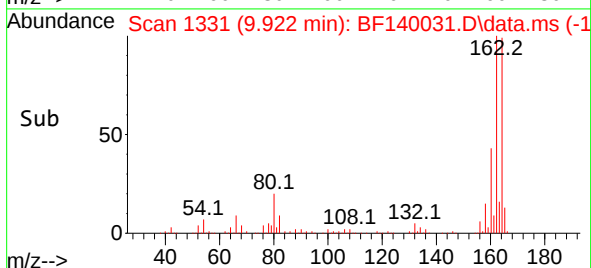
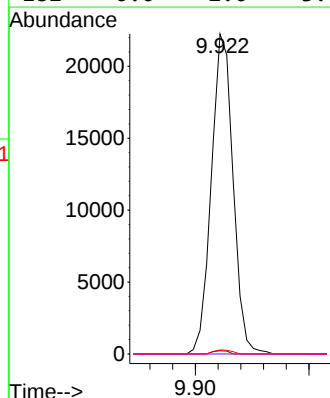
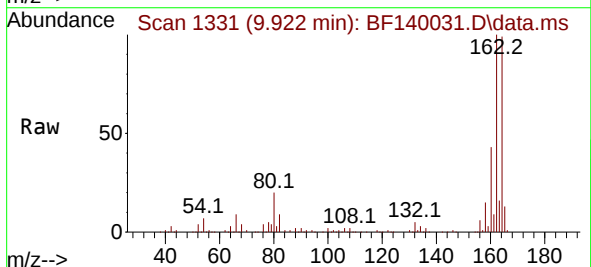
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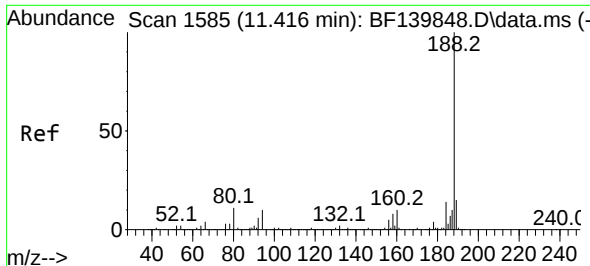
Tgt Ion:165 Resp: 29532
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.796 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion:165 Resp: 29532
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

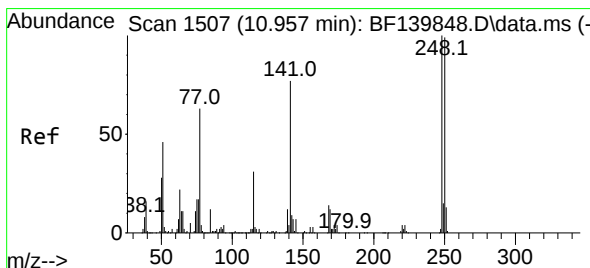
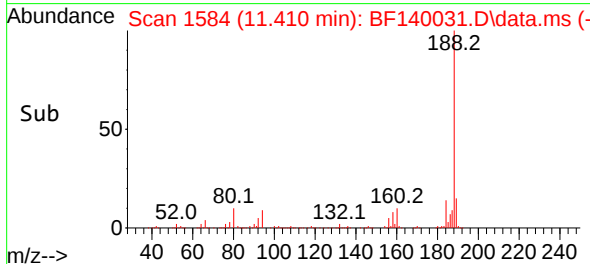
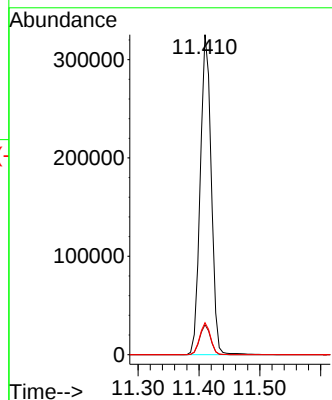
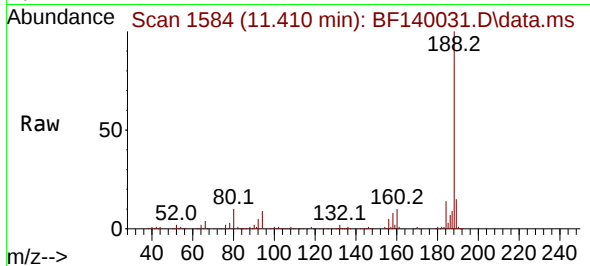




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

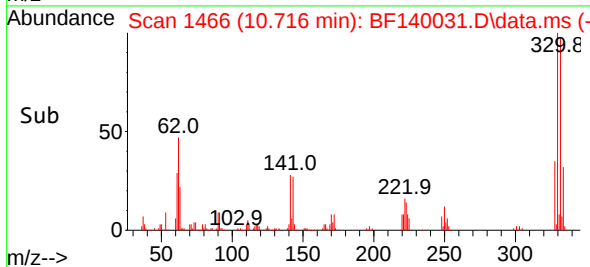
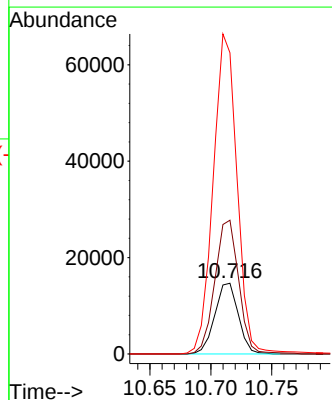
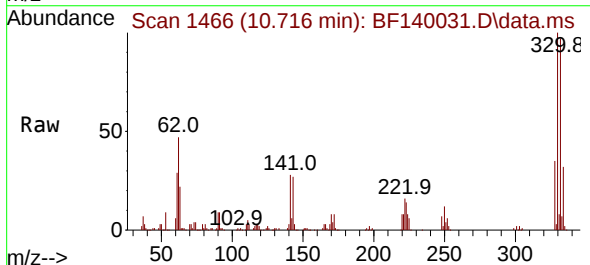
Instrument :
BNA_F
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PB164335TB

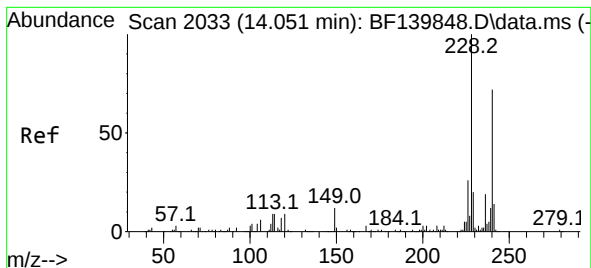
Tgt Ion:188 Resp: 408983
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.0 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.693 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF140031.D
Acq: 25 Oct 2024 12:09

Tgt Ion:248 Resp: 19774
Ion Ratio Lower Upper
248 100
250 189.4 79.0 118.6#
141 426.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140031.D

Acq: 25 Oct 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB164335TB

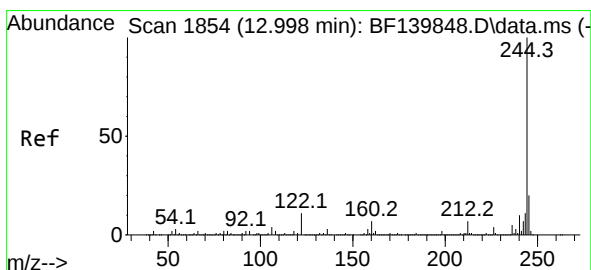
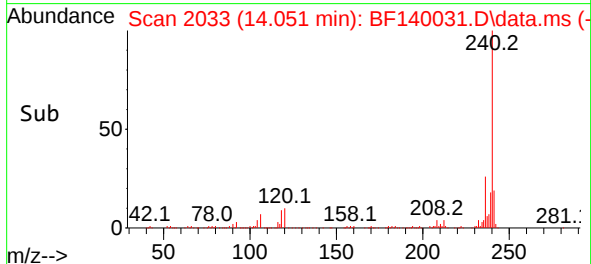
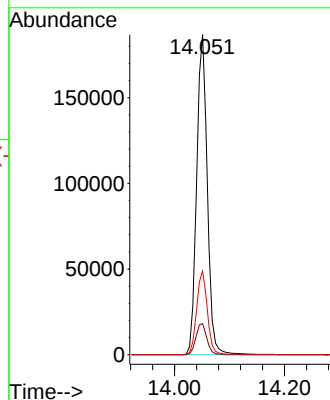
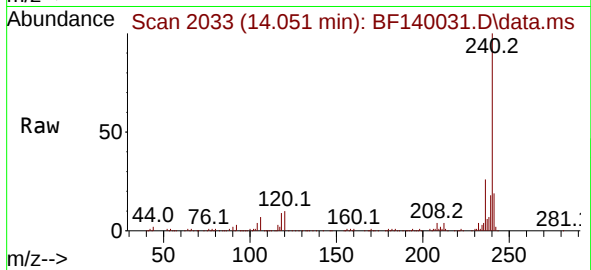
Tgt Ion:240 Resp: 251030

Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 88.791 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140031.D

Acq: 25 Oct 2024 12:09

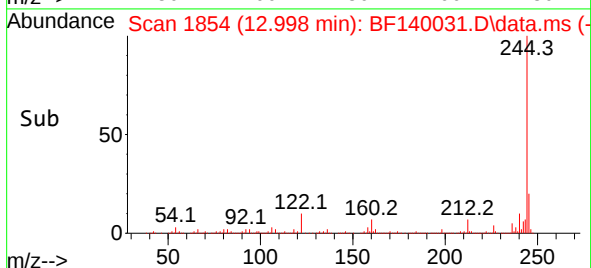
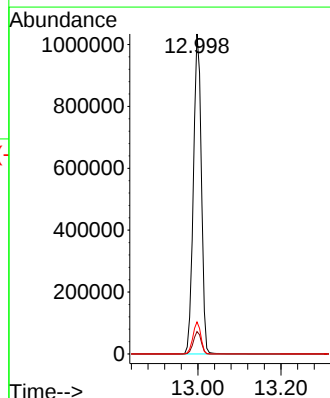
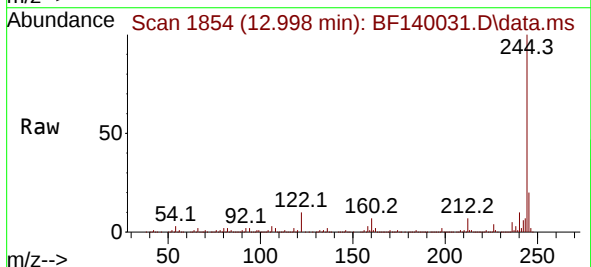
Tgt Ion:244 Resp: 1367878

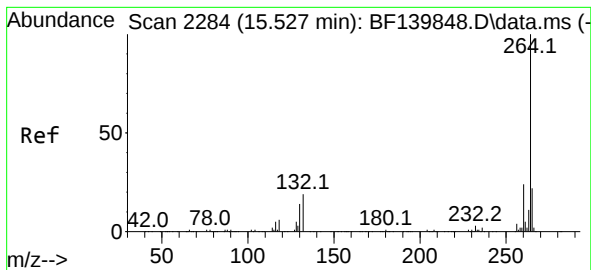
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140031.D
 Acq: 25 Oct 2024 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB164335TB

Tgt Ion:264 Resp: 202385
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 17.4 26.0

