

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140637.D
 Acq On : 26 Nov 2024 13:10
 Operator : RC/JU
 Sample : P5000-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-745

Quant Time: Nov 26 14:11:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

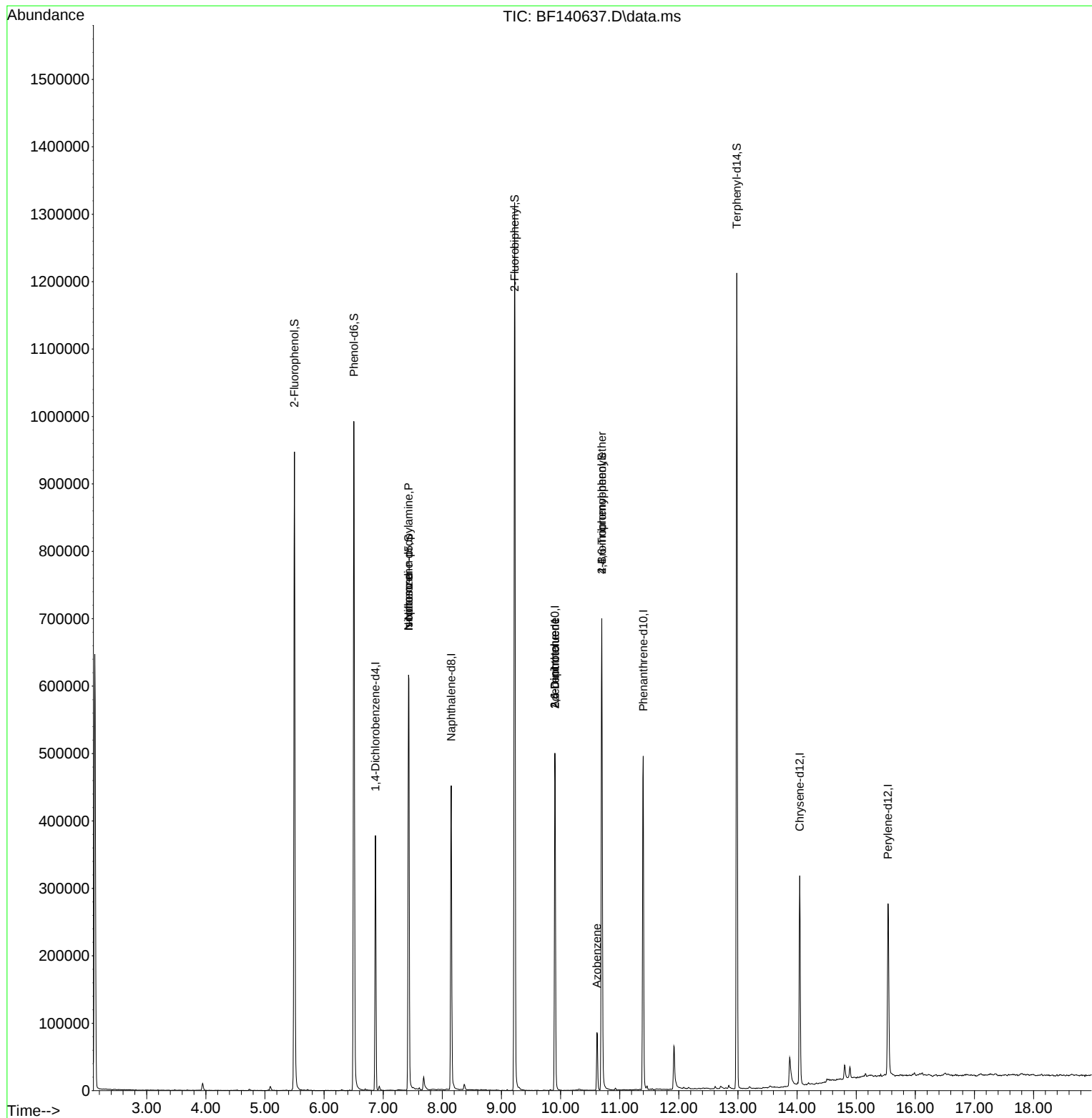
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78083	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	295176	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	156212	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	282217	20.000	ng	0.00
76) Chrysene-d12	14.045	240	154106	20.000	ng	0.00
86) Perylene-d12	15.539	264	155161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	360270	78.723	ng	0.00
7) Phenol-d6	6.504	99	464276	76.738	ng	-0.01
23) Nitrobenzene-d5	7.428	82	297878	51.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	123120	73.694	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	592215	56.485	ng	-0.01
79) Terphenyl-d14	12.980	244	582131	58.820	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	38771	10.843	ng	# 75
25) Isophorone	7.428	82	291791	30.315	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	19431	8.328	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	19431	6.266	ng	# 17
63) Azobenzene	10.616	77	23899	2.414	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7649	2.632	ng	# 1

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

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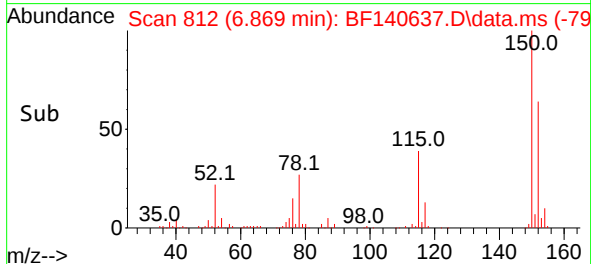
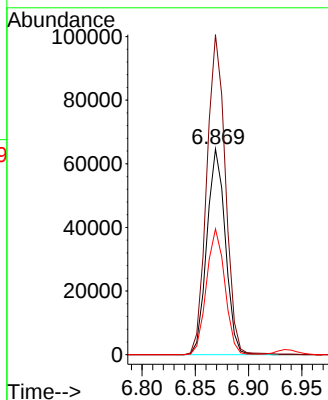
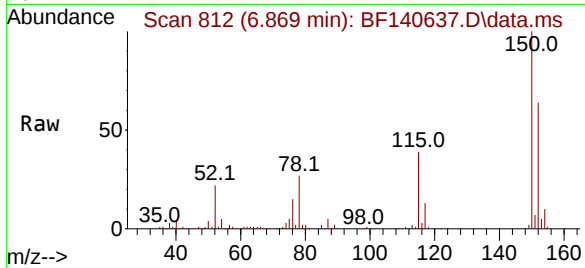




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

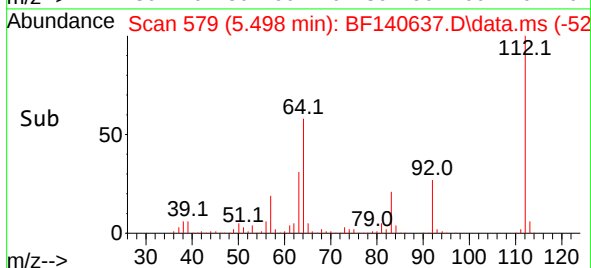
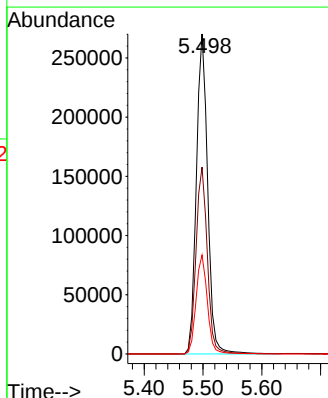
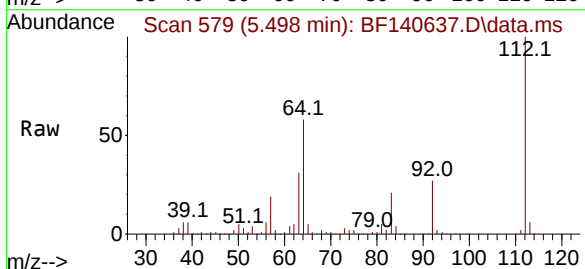
Instrument :
BNA_F
ClientSampleId :
MH-745

Tgt Ion:152 Resp: 78083
Ion Ratio Lower Upper
152 100
150 155.6 128.5 192.7
115 61.1 50.2 75.4



#5
2-Fluorophenol
Concen: 78.723 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

Tgt Ion:112 Resp: 360270
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 30.9 27.0 40.4

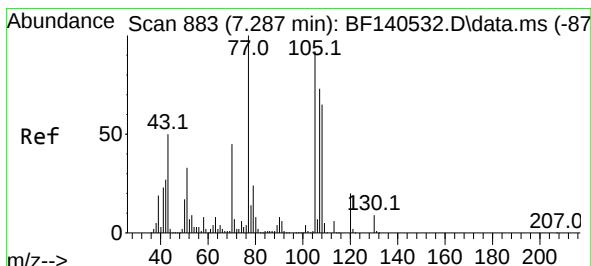
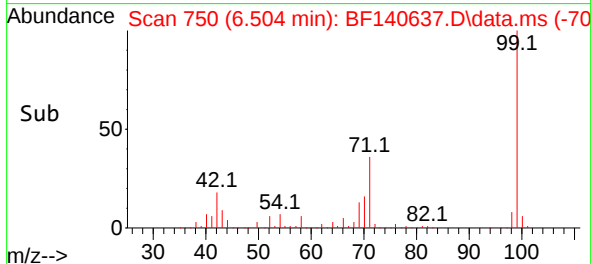
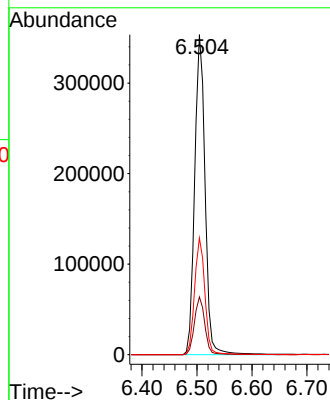
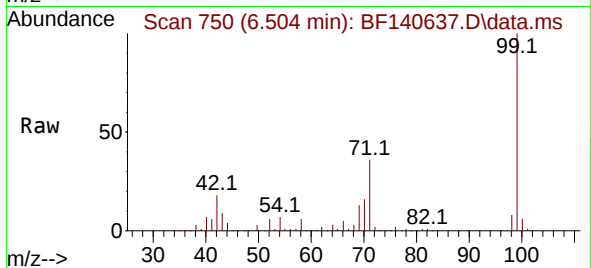




#7
Phenol-d6
Concen: 76.738 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

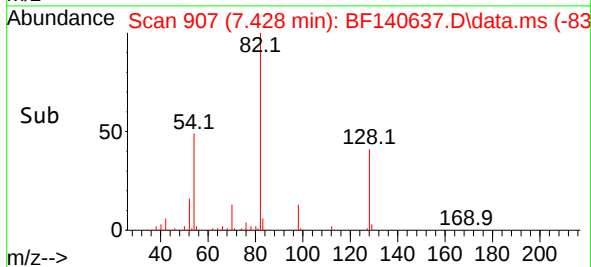
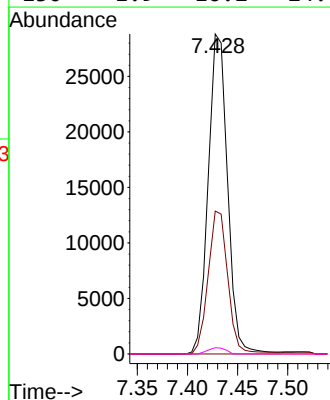
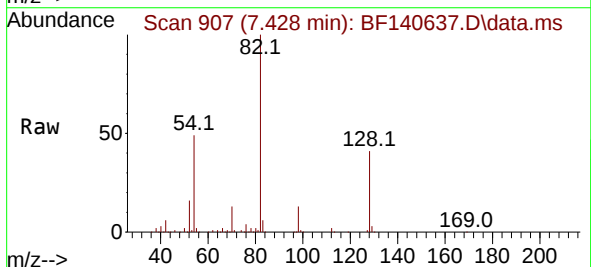
Instrument :
BNA_F
ClientSampleId :
MH-745

Tgt Ion: 99 Resp: 464276
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 36.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.843 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

Tgt Ion: 70 Resp: 38771
Ion Ratio Lower Upper
70 100
42 44.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

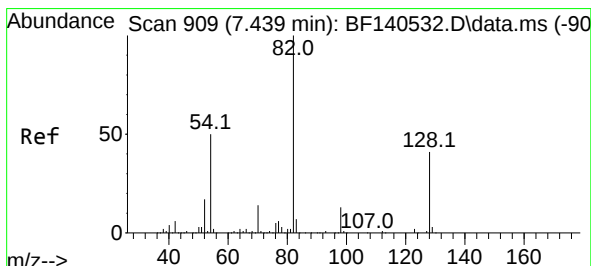
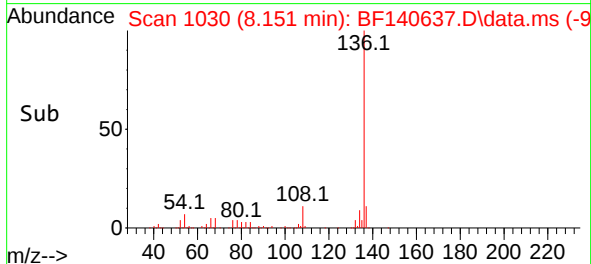
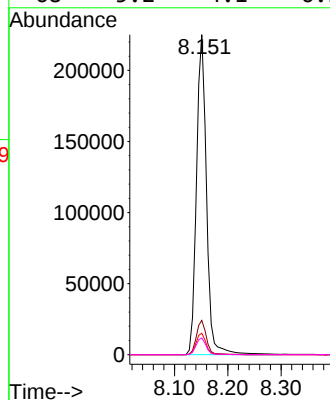
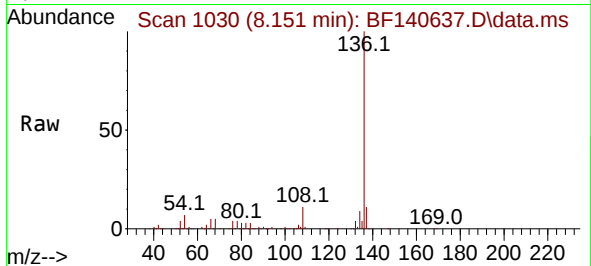




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

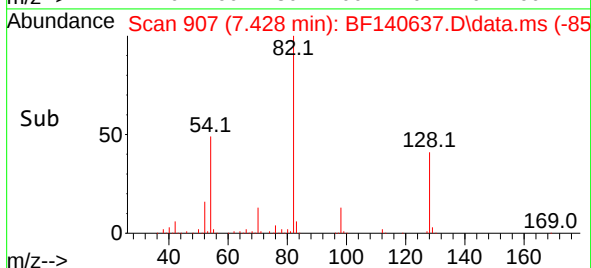
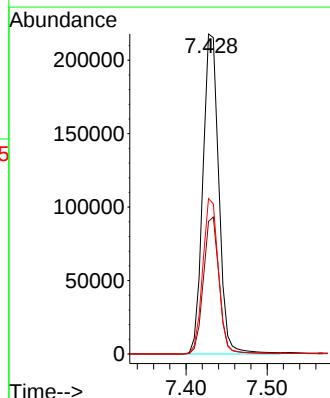
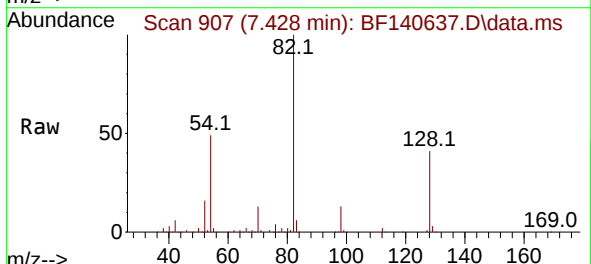
Instrument :
BNA_F
ClientSampleId :
MH-745

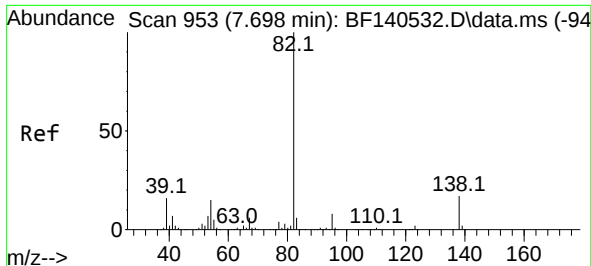
Tgt Ion:	136	Resp:	295176
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 51.619 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

Tgt Ion:	82	Resp:	297878
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.0	49.4
54	48.5	39.5	59.3

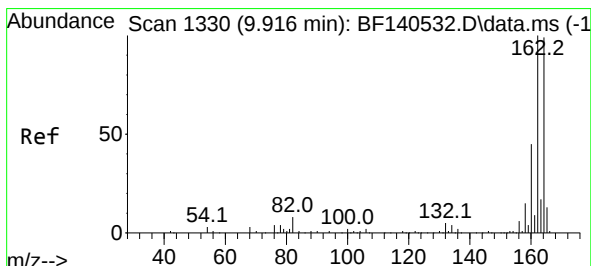
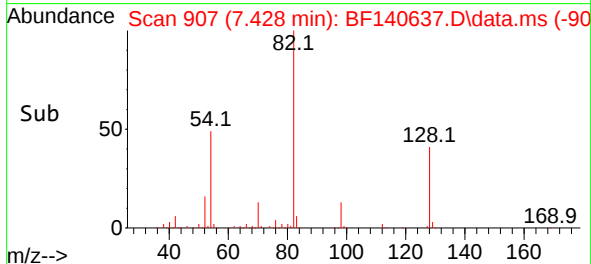
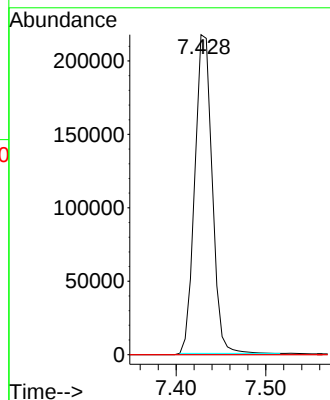
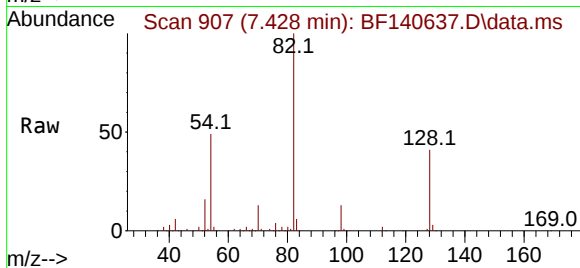




#25
Isophorone
Concen: 30.315 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

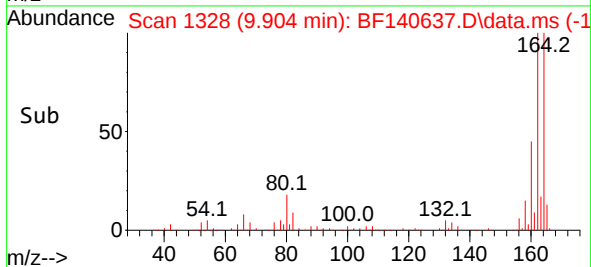
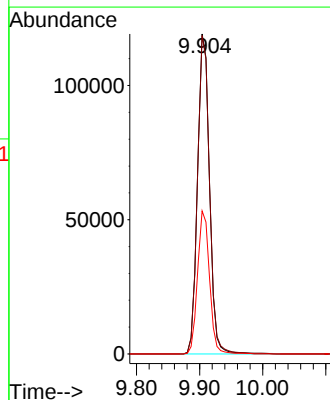
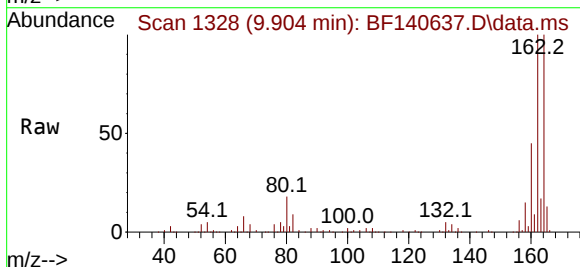
Instrument :
BNA_F
ClientSampleId :
MH-745

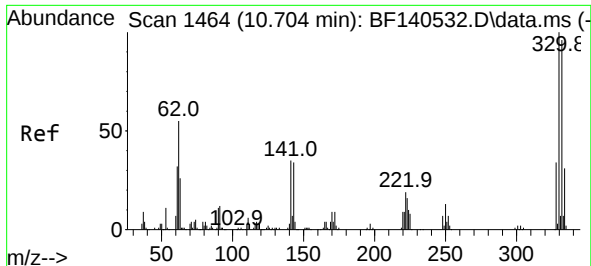
Tgt Ion: 82 Resp: 291791
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

Tgt Ion:164 Resp: 156212
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 73.694 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

Instrument :

BNA_F

ClientSampleId :

MH-745

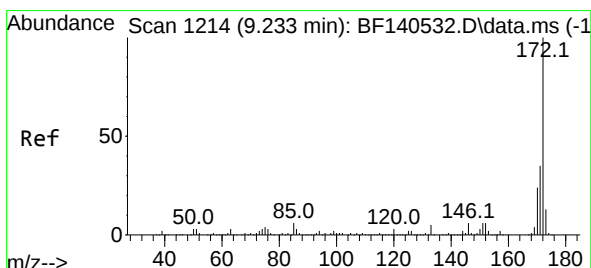
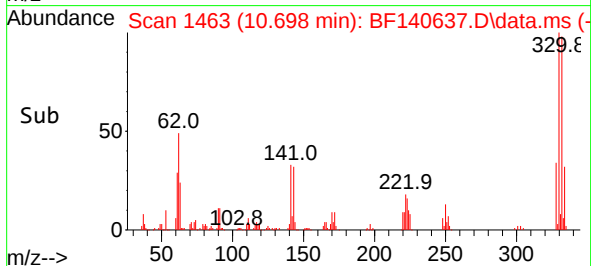
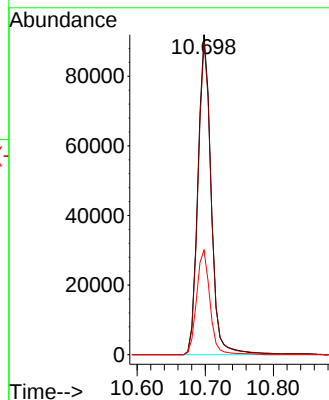
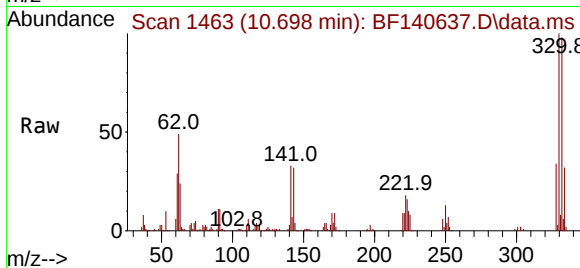
Tgt Ion:330 Resp: 123120

Ion Ratio Lower Upper

330 100

332 97.9 76.9 115.3

141 33.1 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 56.485 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

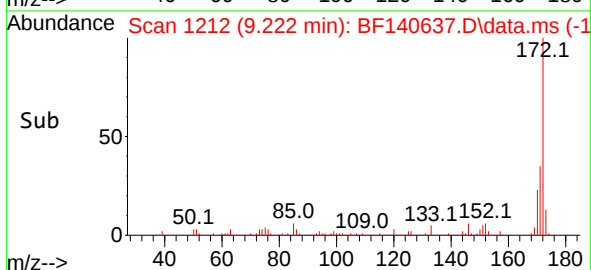
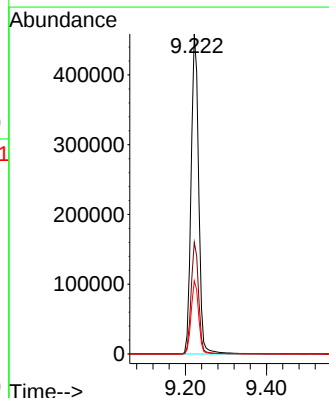
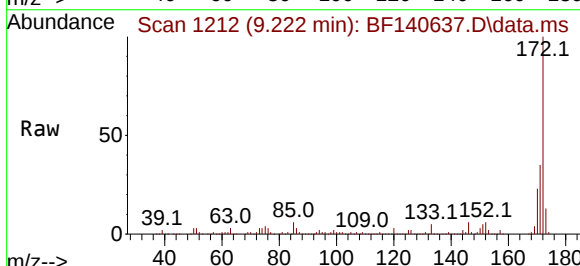
Tgt Ion:172 Resp: 592215

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 22.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.328 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

Instrument :

BNA_F

ClientSampleId :

MH-745

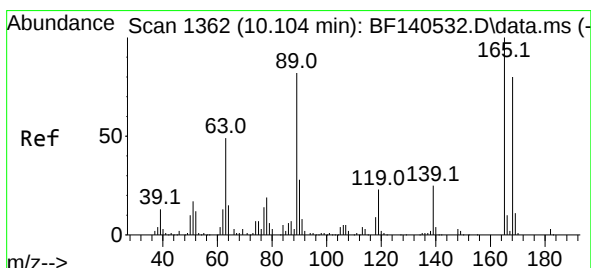
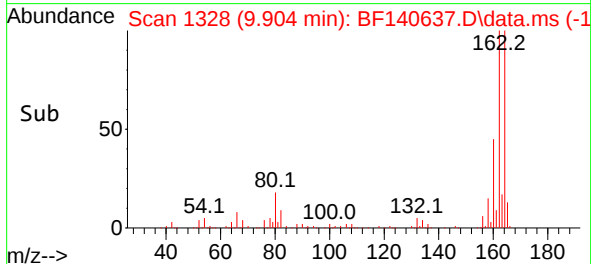
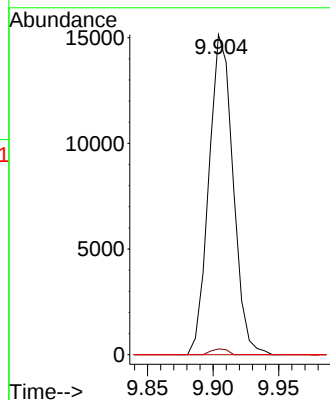
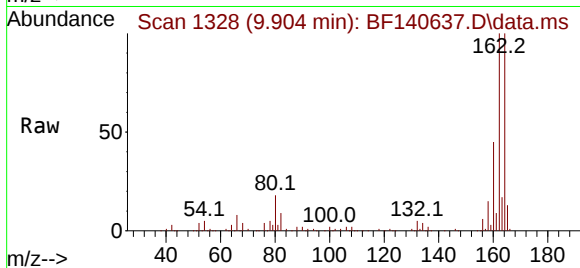
Tgt Ion:165 Resp: 19431

Ion Ratio Lower Upper

165 100

63 1.8 49.9 74.9#

89 0.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.266 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

Tgt Ion:165 Resp: 19431

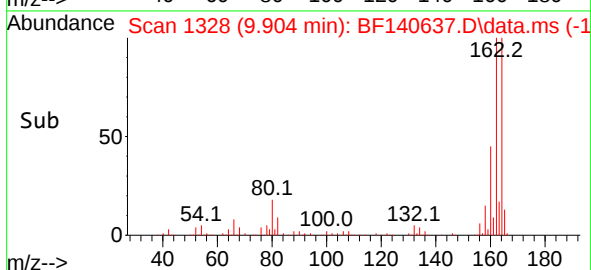
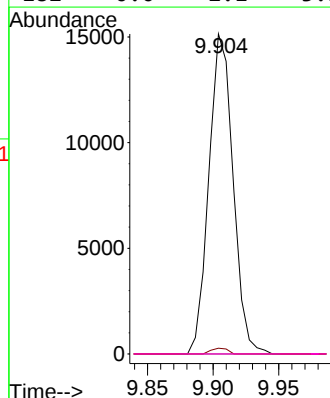
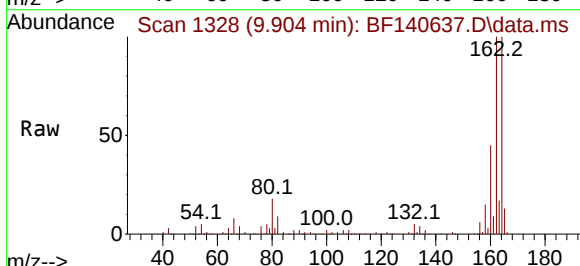
Ion Ratio Lower Upper

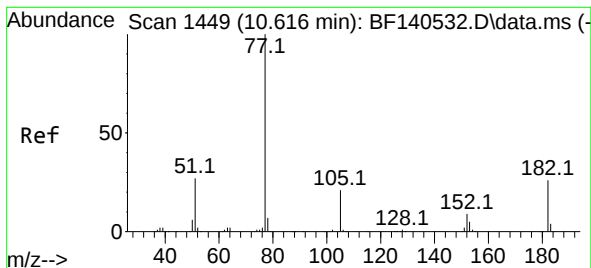
165 100

63 1.8 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.414 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

Instrument :

BNA_F

ClientSampleId :

MH-745

Tgt Ion: 77 Resp: 23899

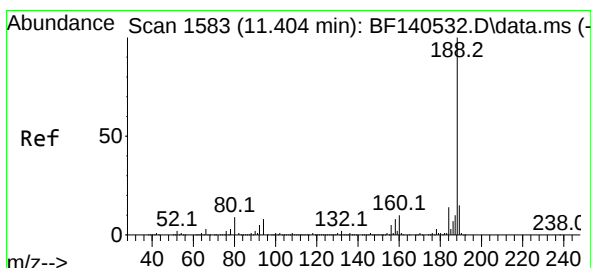
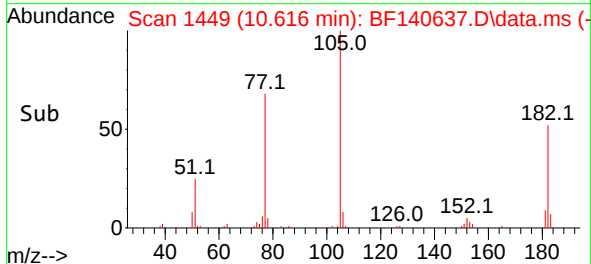
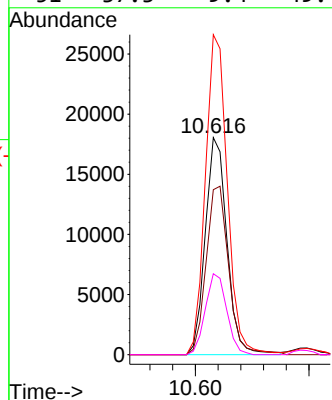
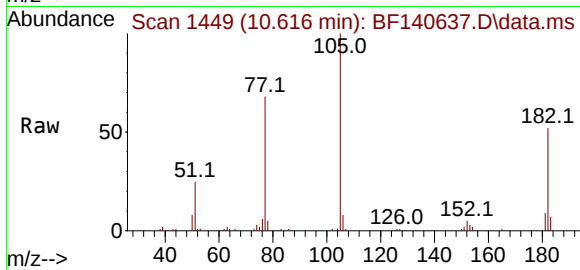
Ion Ratio Lower Upper

77 100

182 75.9 5.3 45.3#

105 147.4 0.3 40.3#

51 37.3 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140637.D

Acq: 26 Nov 2024 13:10

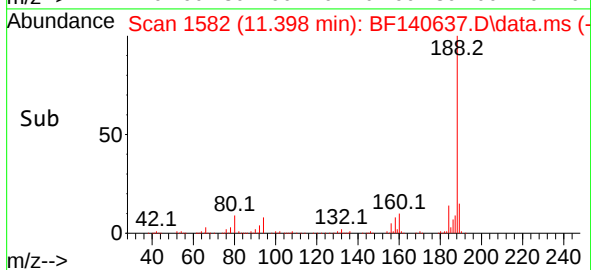
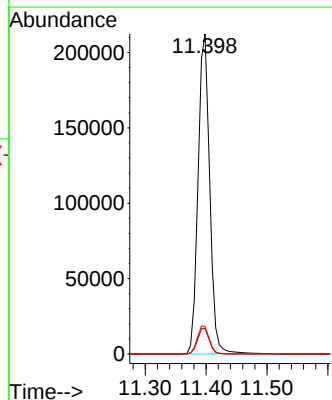
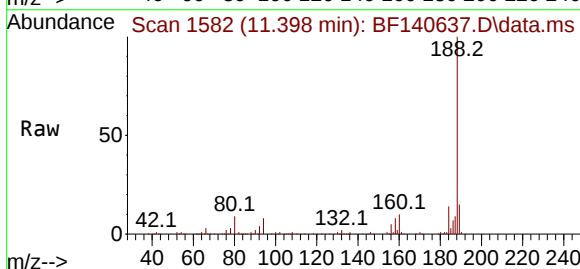
Tgt Ion: 188 Resp: 282217

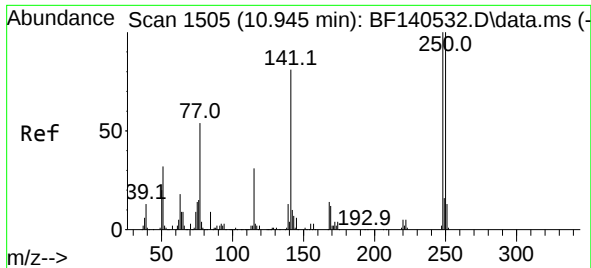
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.7 6.9 10.3

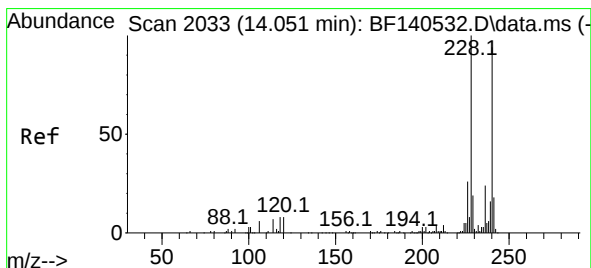
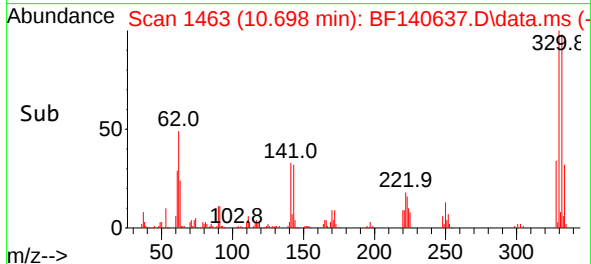
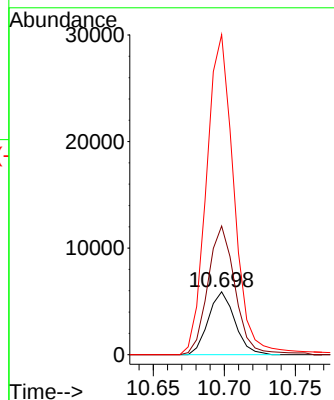
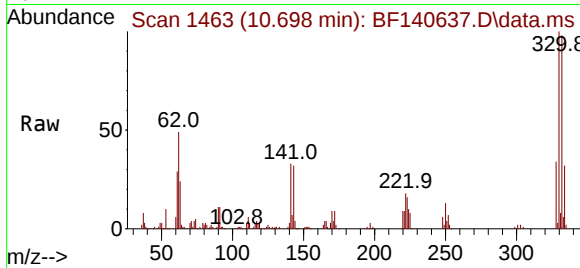




#67
4-Bromophenyl-phenylether
Concen: 2.632 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

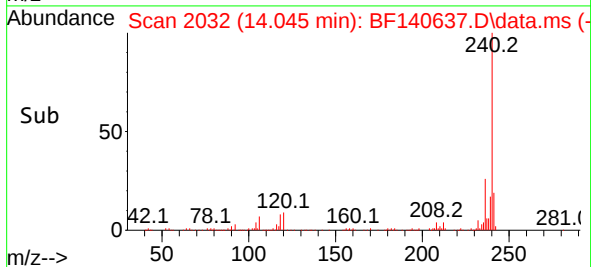
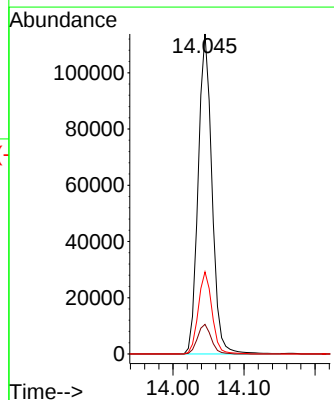
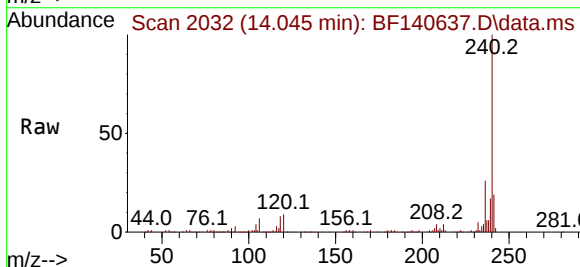
Instrument :
BNA_F
ClientSampleId :
MH-745

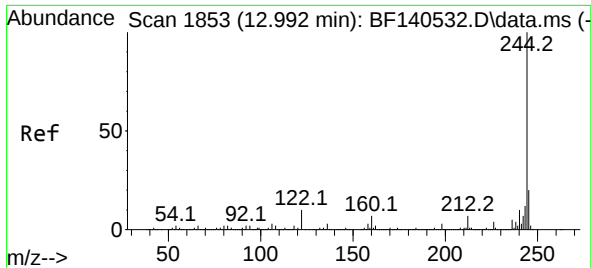
Tgt Ion:248 Resp: 7649
Ion Ratio Lower Upper
248 100
250 204.5 79.8 119.8#
141 509.0 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140637.D
Acq: 26 Nov 2024 13:10

Tgt Ion:240 Resp: 154106
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.6 20.6 31.0

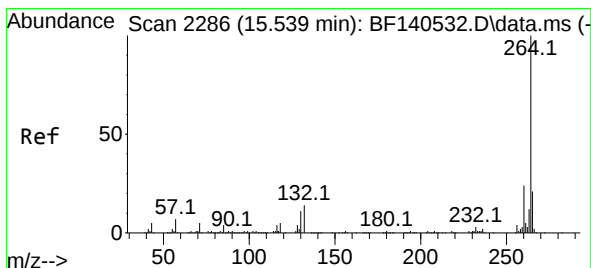
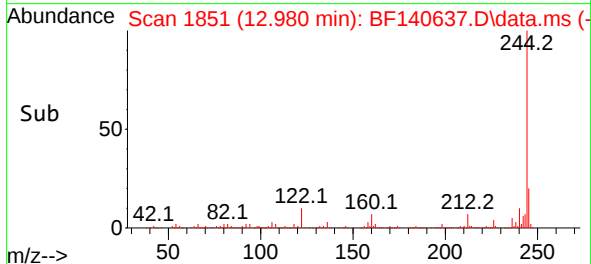
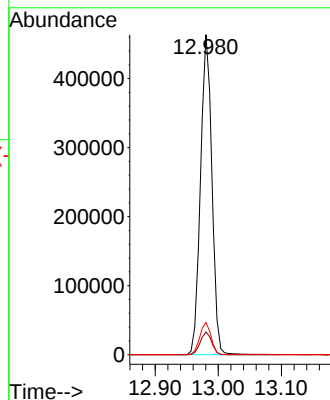
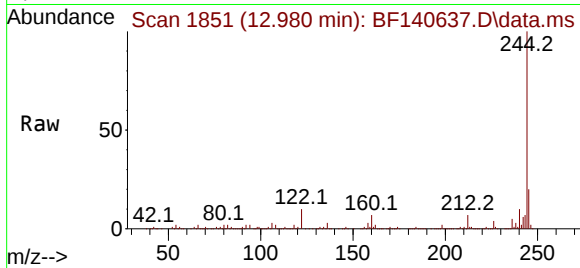




#79
 Terphenyl-d14
 Concen: 58.820 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140637.D
 Acq: 26 Nov 2024 13:10

Instrument :
 BNA_F
 ClientSampleId :
 MH-745

Tgt Ion:244 Resp: 582131
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140637.D
 Acq: 26 Nov 2024 13:10

Tgt Ion:264 Resp: 155161
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 22.0 16.6 25.0

