

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140504.D
 Acq On : 20 Nov 2024 17:24
 Operator : RC/JU
 Sample : P4870-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-736

Quant Time: Nov 21 00:06:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

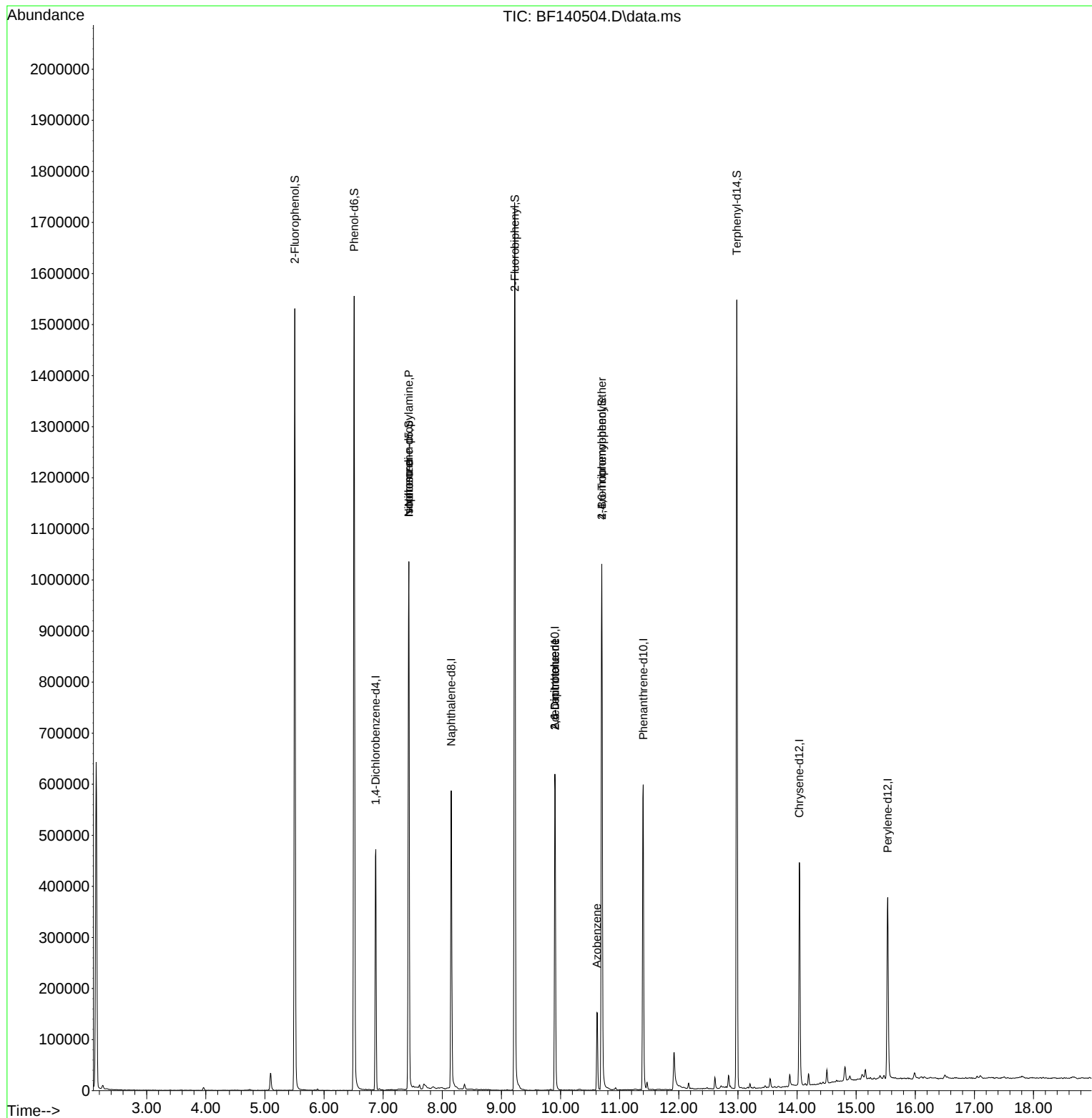
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	103352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381089	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	197730	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	340138	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211819	20.000	ng	-0.01
86) Perylene-d12	15.533	264	212921	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	576982	95.318	ng	0.01
7) Phenol-d6	6.510	99	746765	91.056	ng	0.00
23) Nitrobenzene-d5	7.434	82	479266	65.526	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	185086	94.131	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	820294	66.690	ng	0.00
79) Terphenyl-d14	12.980	244	744849	61.038	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	62148	12.547	ng	# 78
25) Isophorone	7.434	82	474511	36.605	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	25257	8.596	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	25258	6.532	ng	# 20
63) Azobenzene	10.616	77	43603	3.349	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	11799	3.470	ng	# 1

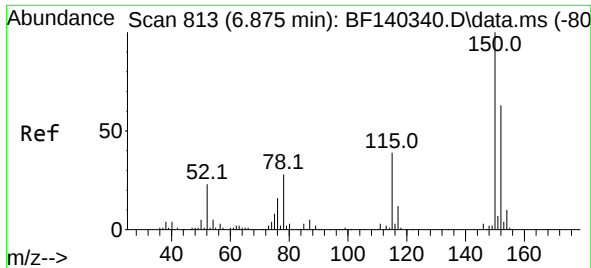
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140504.D
Acq On : 20 Nov 2024 17:24
Operator : RC/JU
Sample : P4870-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-736

Quant Time: Nov 21 00:06:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

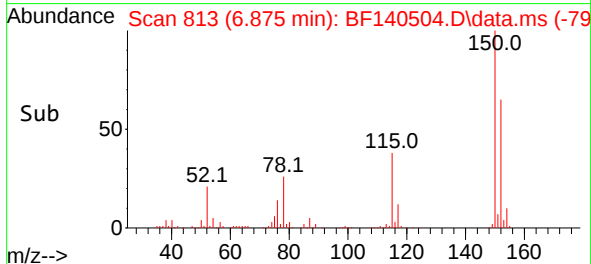
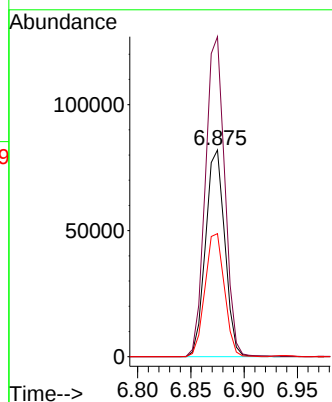
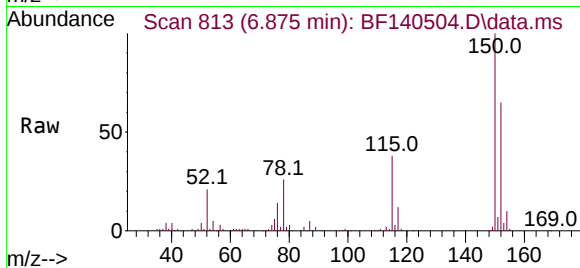




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

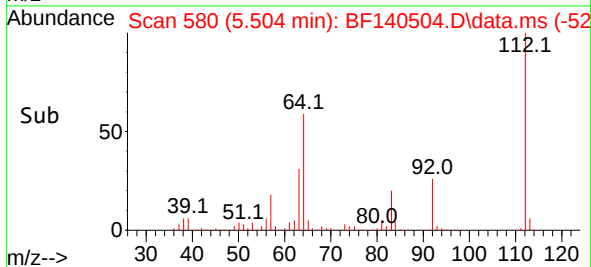
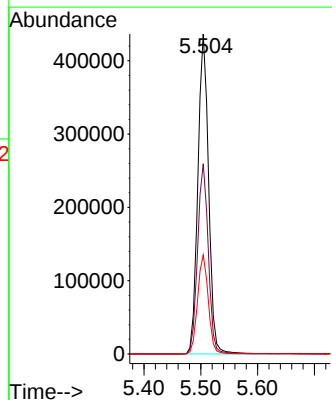
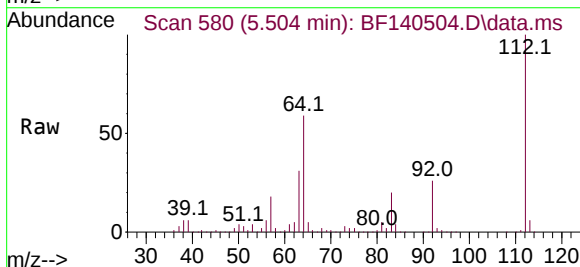
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:152 Resp: 103352
Ion Ratio Lower Upper
152 100
150 154.8 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 95.318 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion:112 Resp: 576982
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.0 25.6 38.4

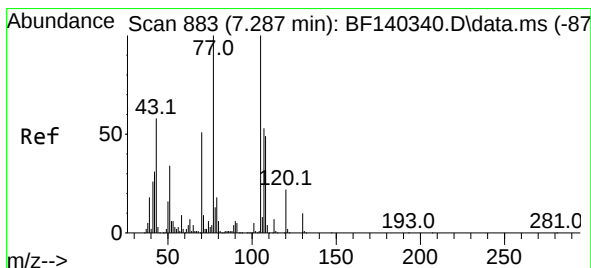
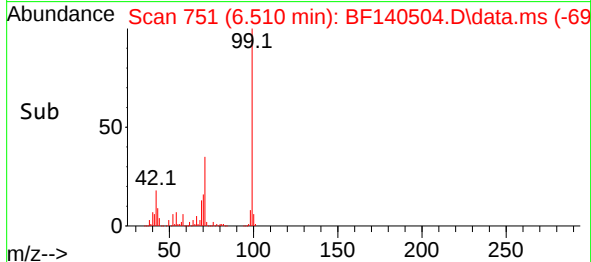
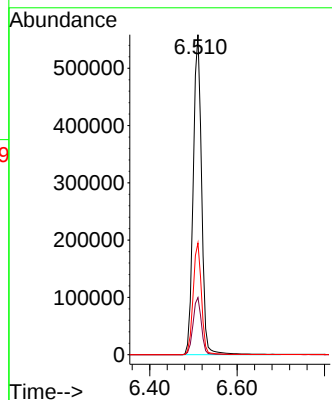
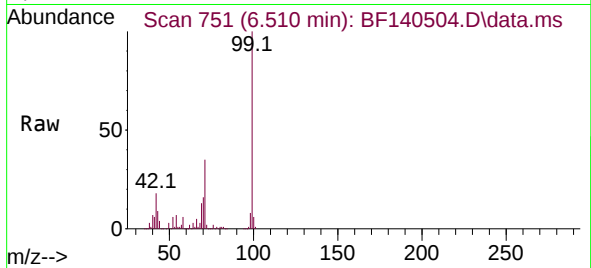




#7
Phenol-d6
Concen: 91.056 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

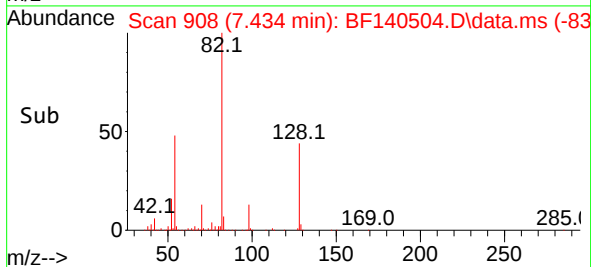
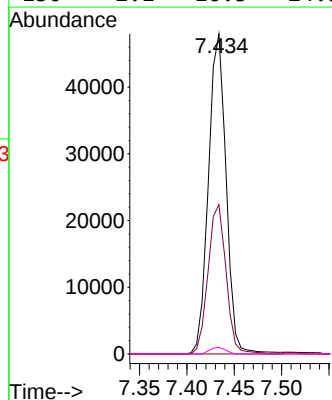
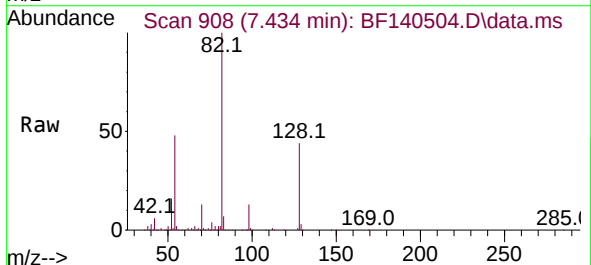
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion: 99 Resp: 746765
Ion Ratio Lower Upper
99 100
42 17.8 15.1 22.7
71 34.9 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.547 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion: 70 Resp: 62148
Ion Ratio Lower Upper
70 100
42 46.6 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



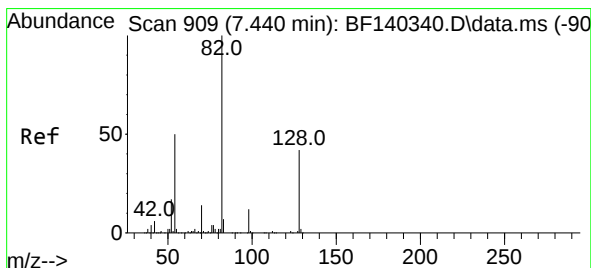
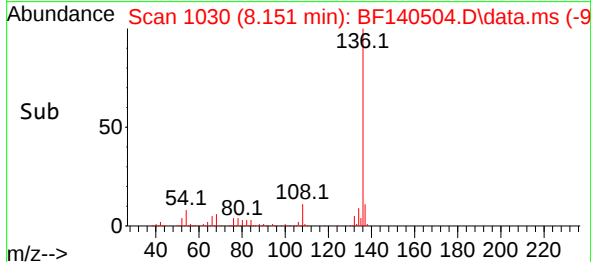
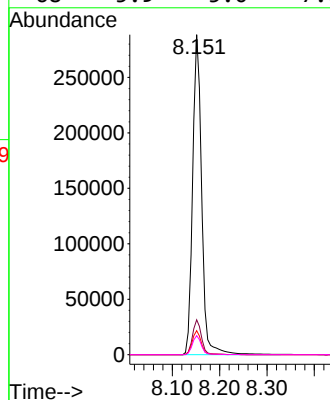
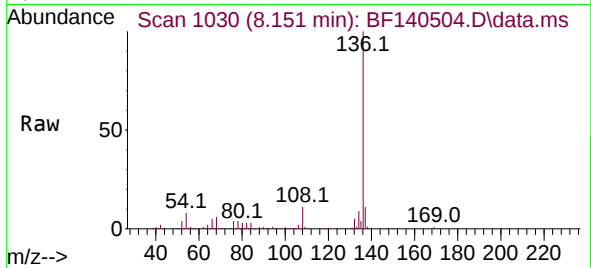


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion:136 Resp: 381089

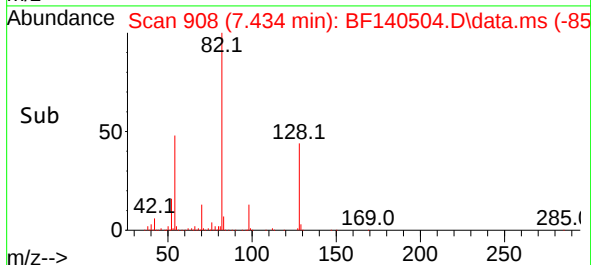
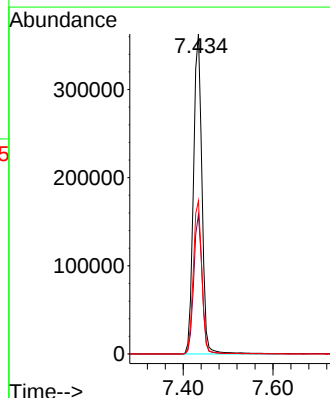
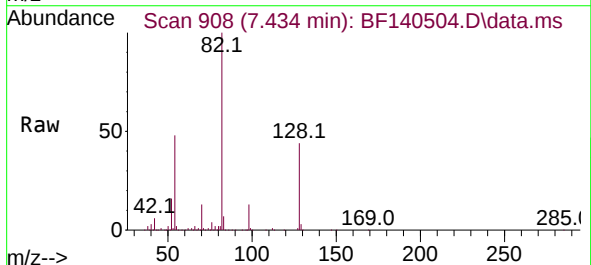
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.5	6.5	9.7
68	5.9	5.0	7.6

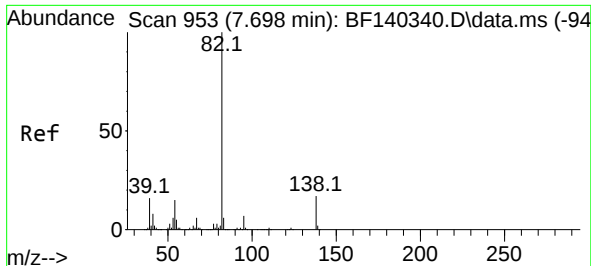


#23
Nitrobenzene-d5
Concen: 65.526 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion: 82 Resp: 479266

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.3	49.9
54	47.8	39.8	59.8

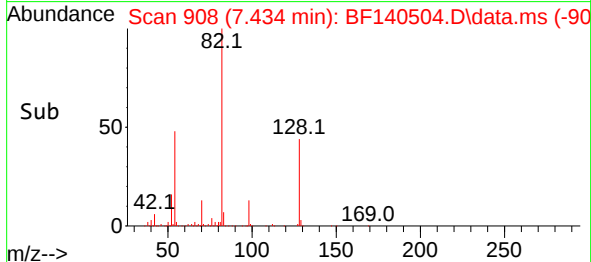
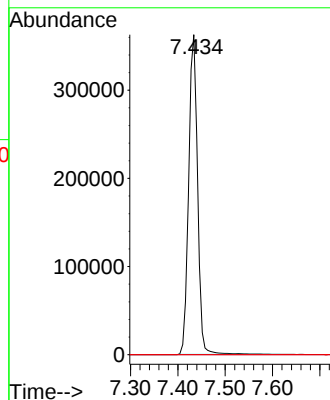
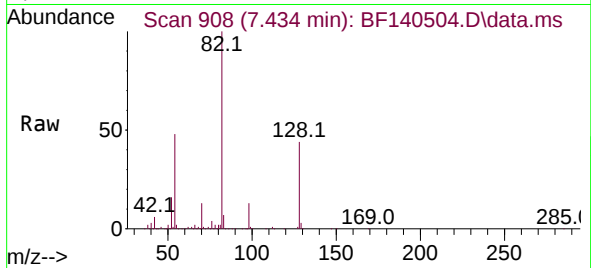




#25
Isophorone
Concen: 36.605 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

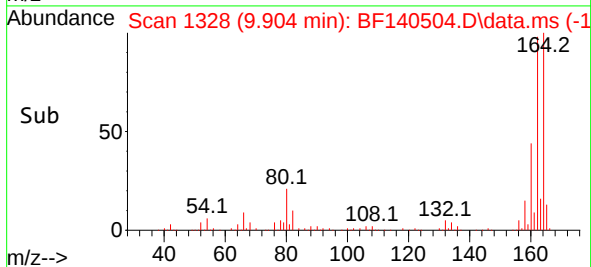
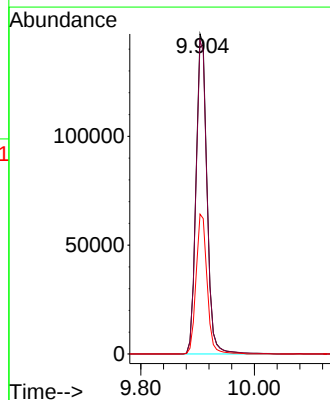
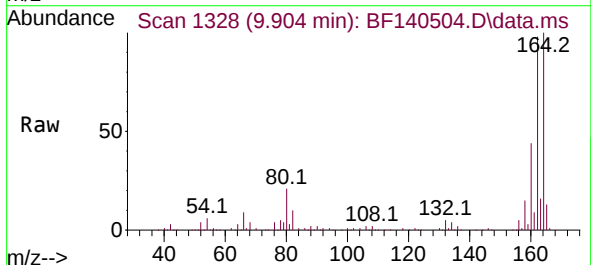
Instrument :
BNA_F
ClientSampleId :
MH-736

Tgt Ion: 82 Resp: 474511
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion: 164 Resp: 197730
Ion Ratio Lower Upper
164 100
162 98.0 79.8 119.8
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 94.131 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140504.D

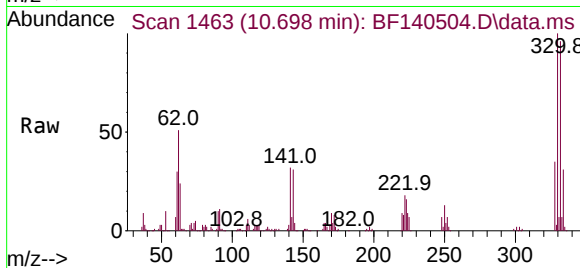
Acq: 20 Nov 2024 17:24

Instrument :

BNA_F

ClientSampleId :

MH-736



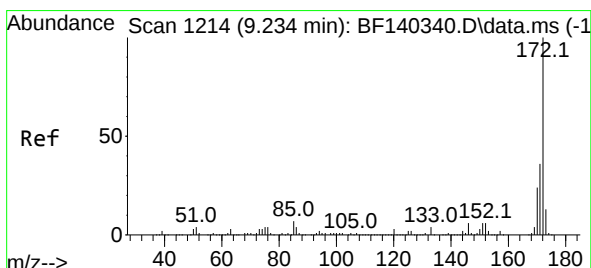
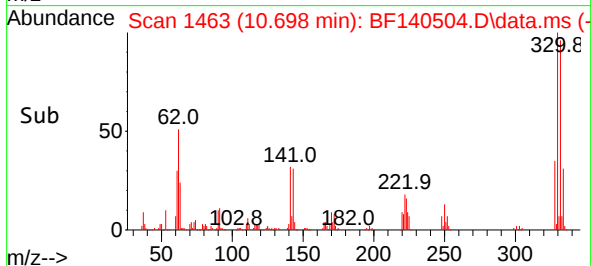
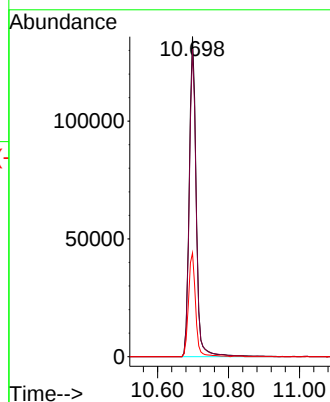
Tgt Ion:330 Resp: 185086

Ion Ratio Lower Upper

330 100

332 95.9 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 66.690 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

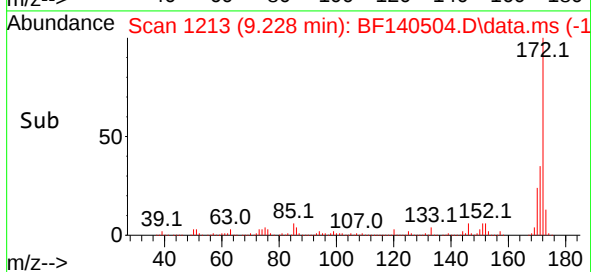
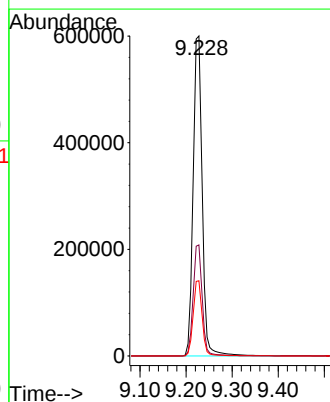
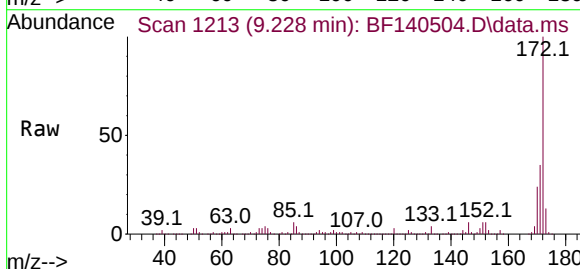
Tgt Ion:172 Resp: 820294

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.5 19.1 28.7

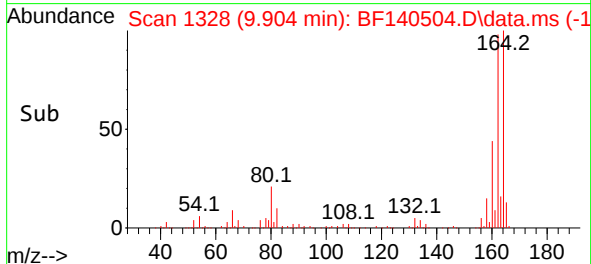
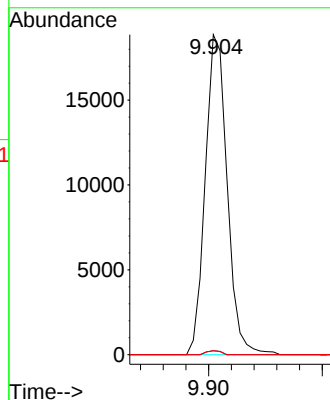
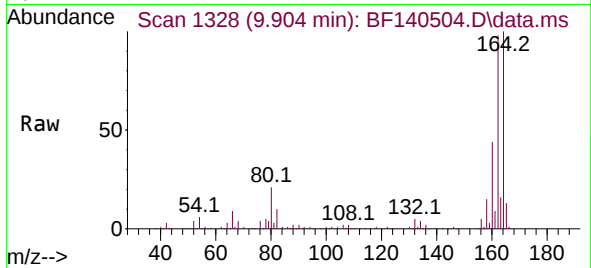




#51
2,6-Dinitrotoluene
Concen: 8.596 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

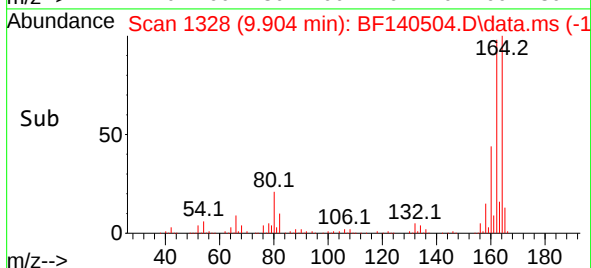
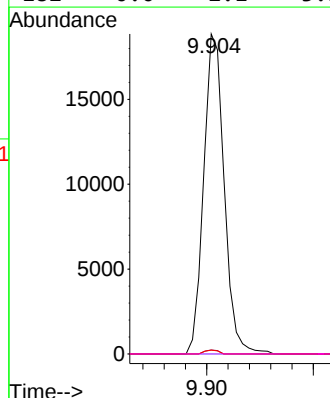
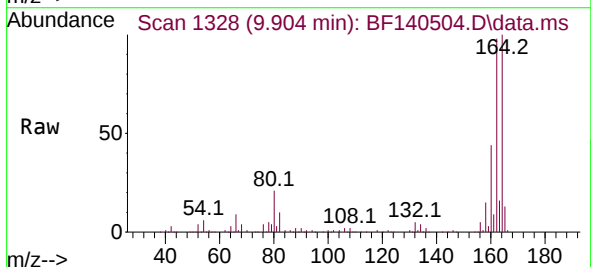
Instrument :
BNA_F
ClientSampleId :
MH-736

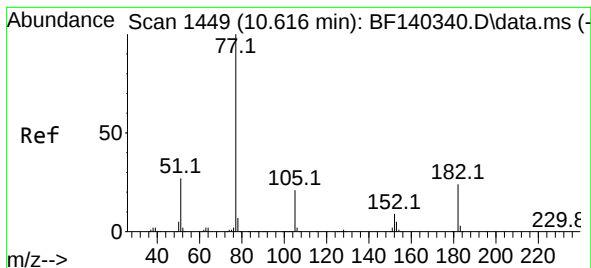
Tgt Ion:165 Resp: 25257
Ion Ratio Lower Upper
165 100
63 1.2 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.532 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion:165 Resp: 25258
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.0#
89 1.2 62.4 93.6#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.349 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

Instrument :

BNA_F

ClientSampleId :

MH-736

Tgt Ion: 77 Resp: 43603

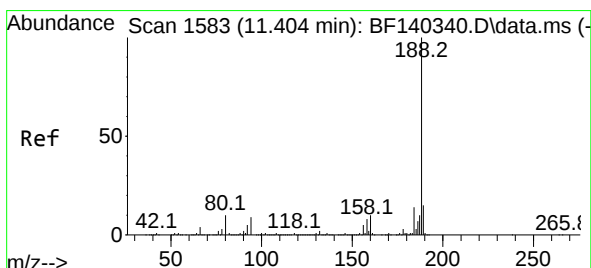
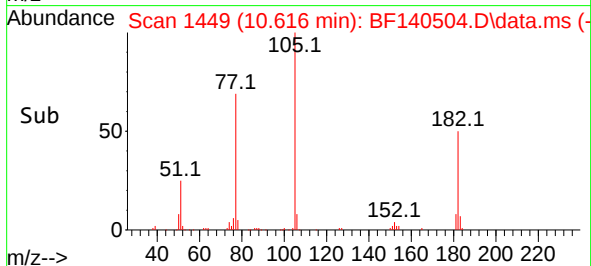
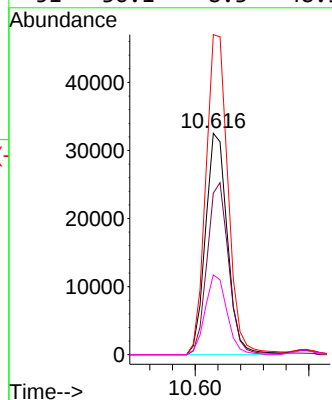
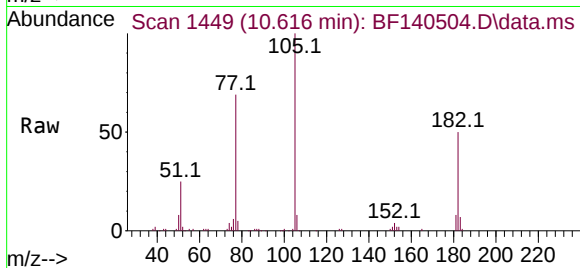
Ion Ratio Lower Upper

77 100

182 73.0 4.6 44.6#

105 144.5 0.9 40.9#

51 36.1 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140504.D

Acq: 20 Nov 2024 17:24

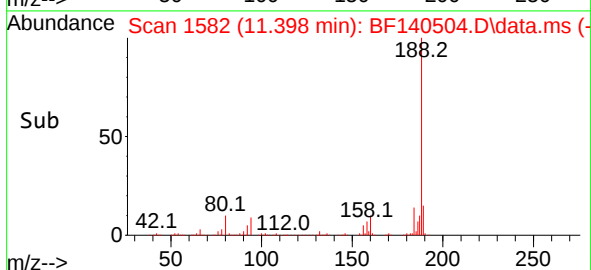
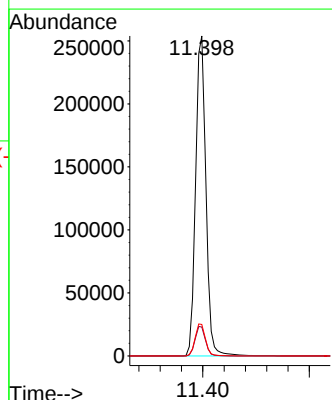
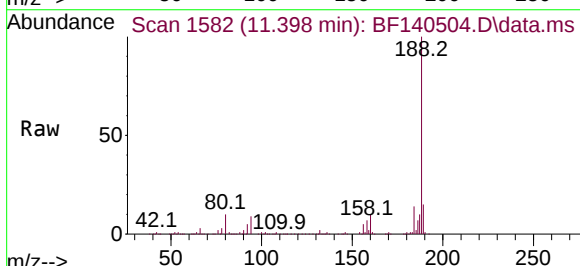
Tgt Ion: 188 Resp: 340138

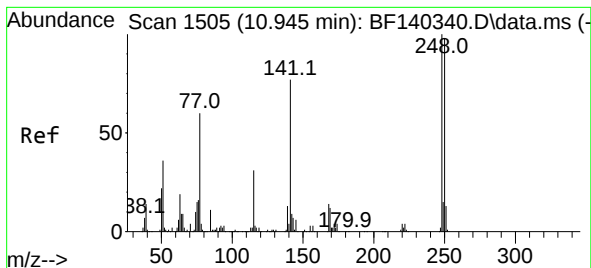
Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.9 8.0 12.0

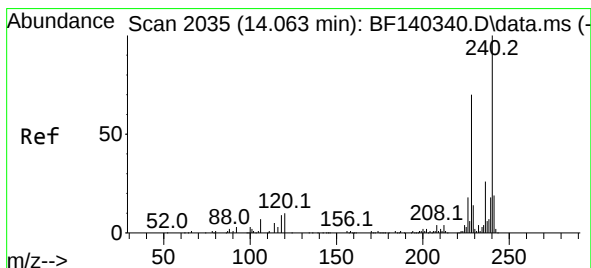
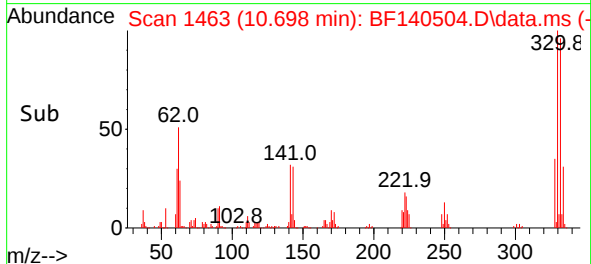
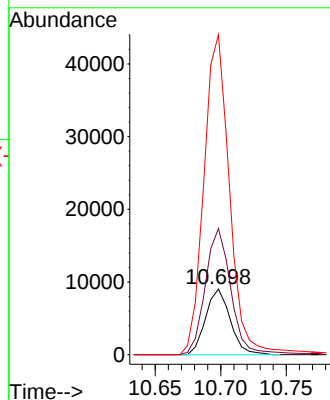
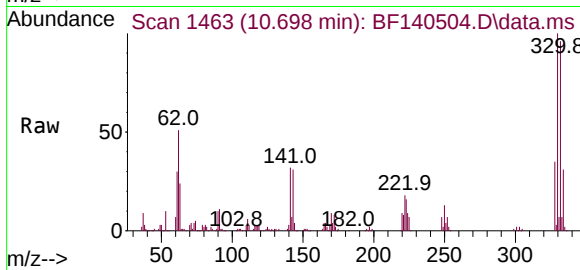




#67
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

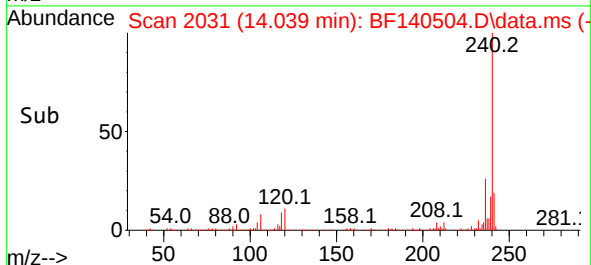
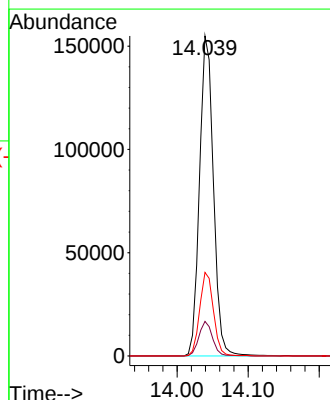
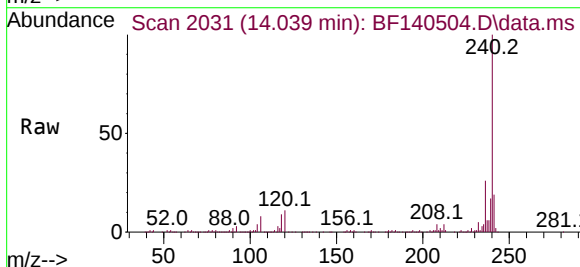
Instrument :
BNA_F
ClientSampleId :
MH-736

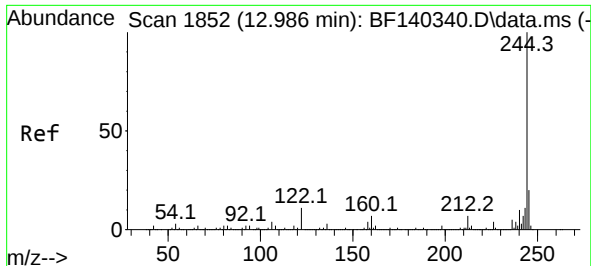
Tgt Ion:248 Resp: 11799
Ion Ratio Lower Upper
248 100
250 192.2 77.9 116.9#
141 487.4 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

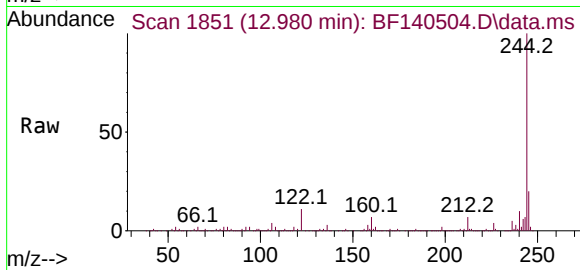
Tgt Ion:240 Resp: 211819
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.1 20.9 31.3



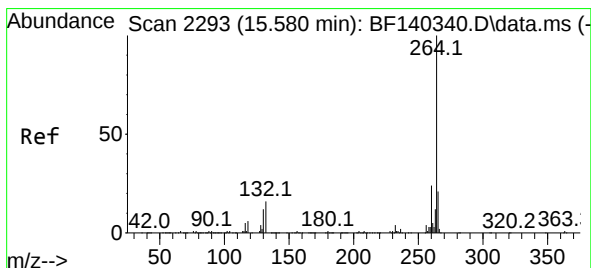
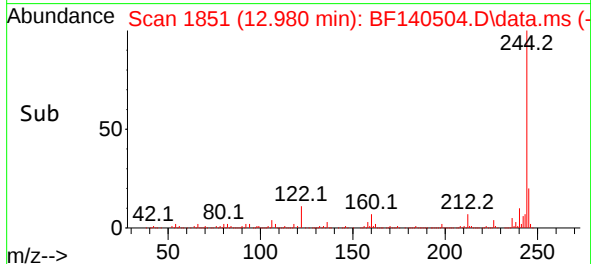
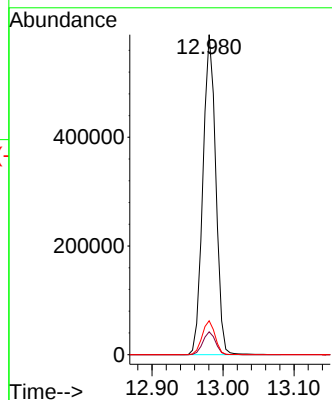


#79
Terphenyl-d14
Concen: 61.038 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Instrument :
BNA_F
ClientSampleId :
MH-736



Tgt Ion:244 Resp: 744849
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.023 min
Lab File: BF140504.D
Acq: 20 Nov 2024 17:24

Tgt Ion:264 Resp: 212921
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.8 17.1 25.7

