

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136917.D
 Acq On : 03 Jan 2024 20:20
 Operator : CG\JU
 Sample : 05900-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-62

Quant Time: Jan 04 03:41:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

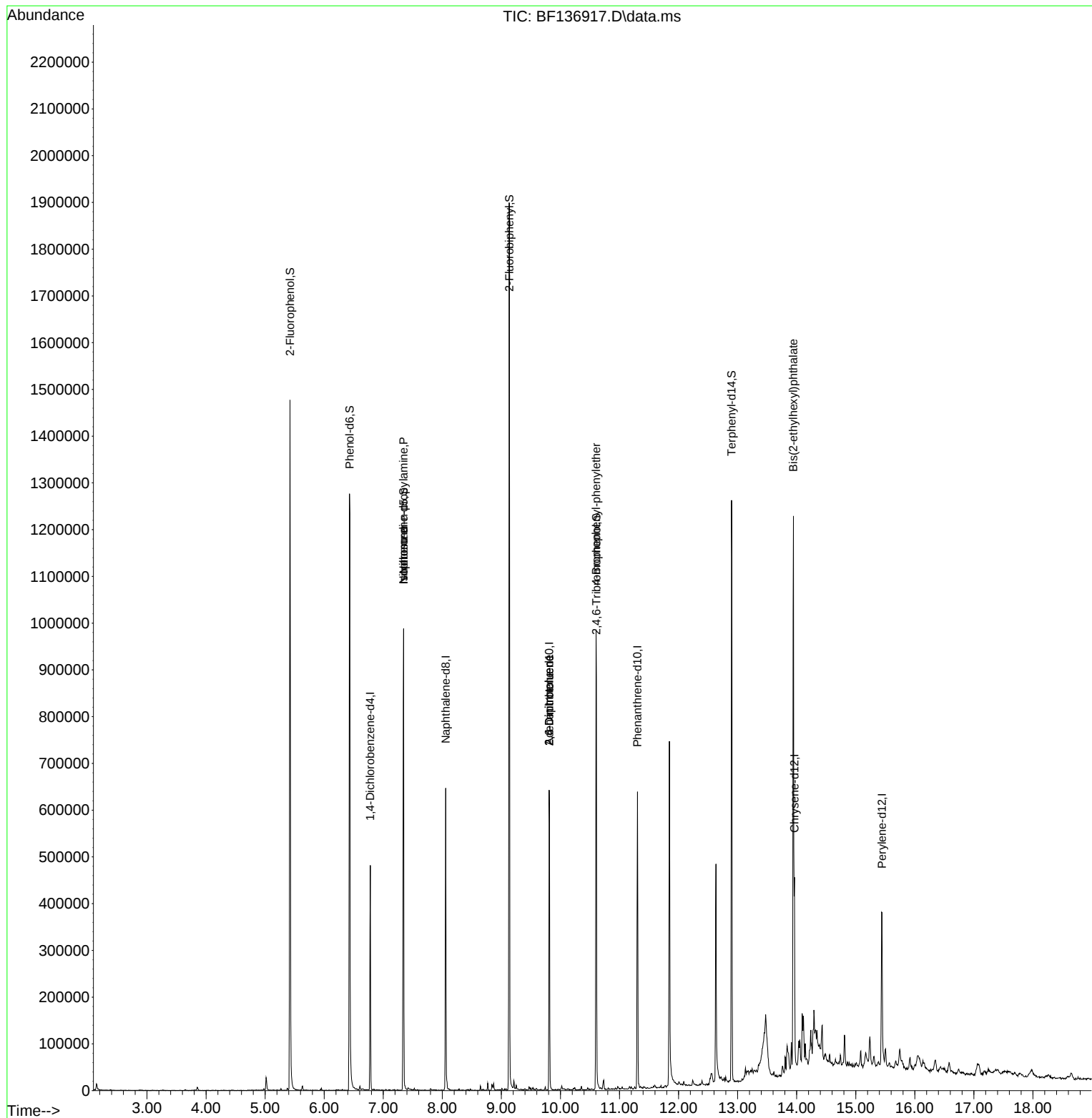
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67046	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	255388	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	130276	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	223378	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	132615	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	156243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	376673	87.659	ng	0.00
7) Phenol-d6	6.434	99	478733	85.981	ng	0.00
23) Nitrobenzene-d5	7.345	82	297790	59.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	131157	85.484	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	576099	59.477	ng	-0.02
79) Terphenyl-d14	12.898	244	455982	48.050	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	38660	11.454	ng	# 71
25) Isophorone	7.345	82	297788	32.791	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	16223	7.512	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	16223	5.787	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	7796	3.143	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.945	149	312829	52.488	ng	96

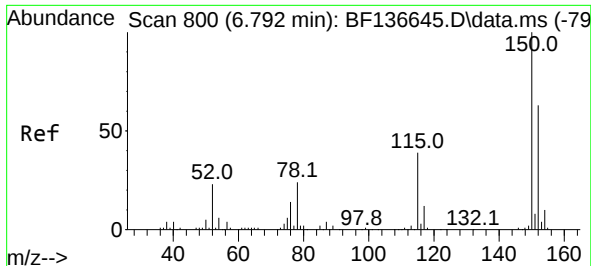
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

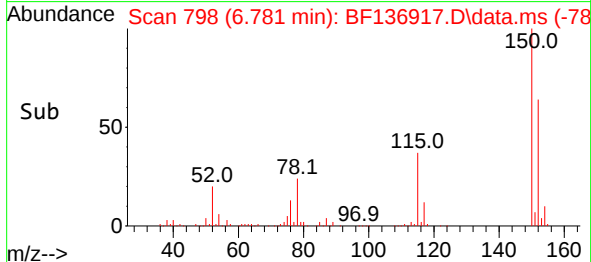
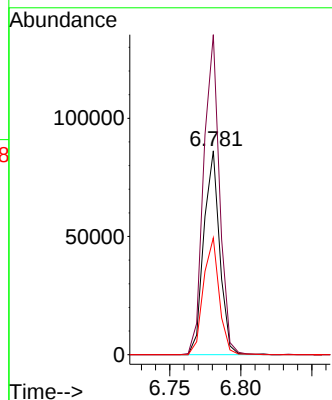
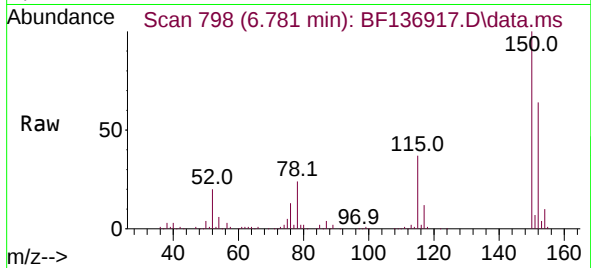




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136917.D
 Acq: 03 Jan 2024 20:20

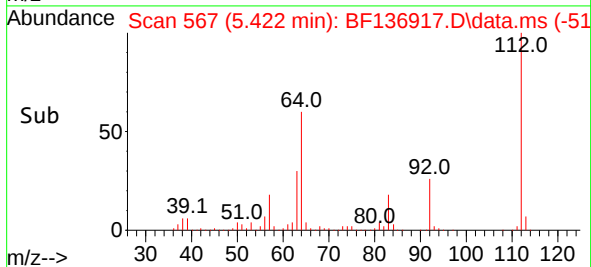
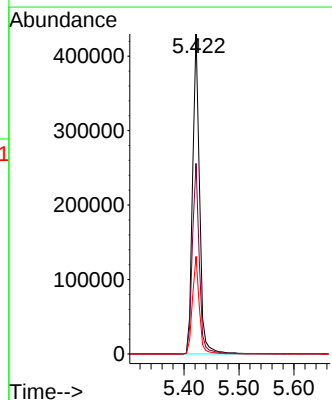
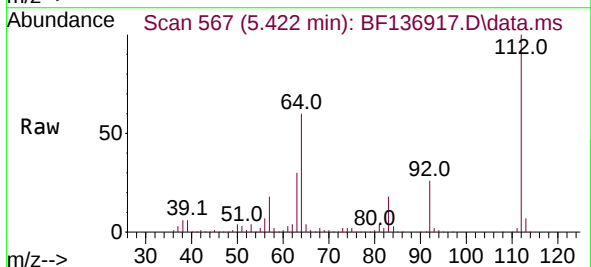
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-62

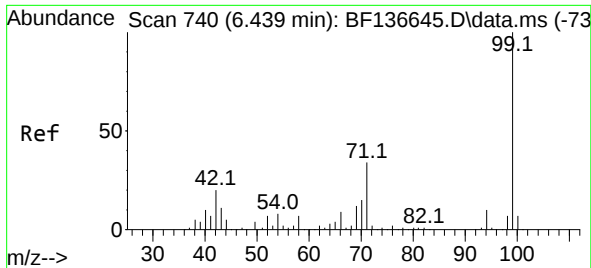
Tgt Ion:152 Resp: 67046
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.0 190.6
 115 57.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 87.659 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF136917.D
 Acq: 03 Jan 2024 20:20

Tgt Ion:112 Resp: 376673
 Ion Ratio Lower Upper
 112 100
 64 59.6 51.1 76.7
 63 30.5 26.1 39.1

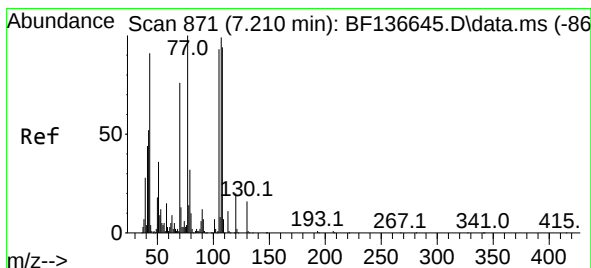
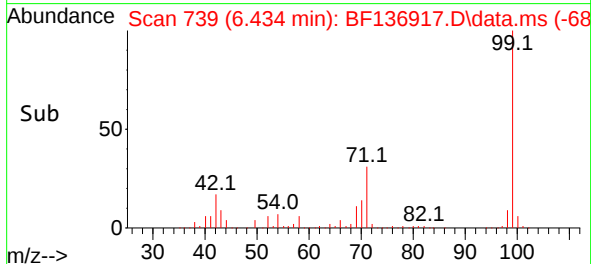
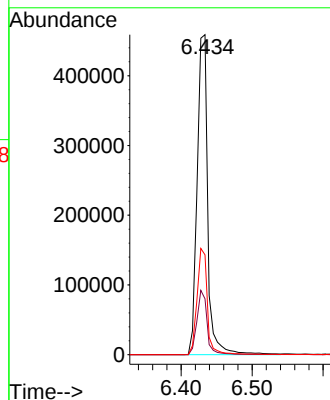
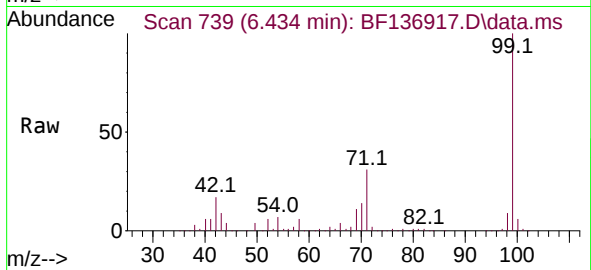




#7
Phenol-d6
Concen: 85.981 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

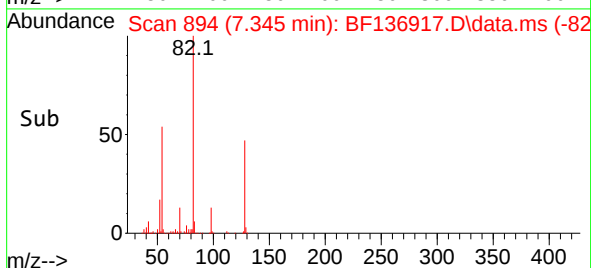
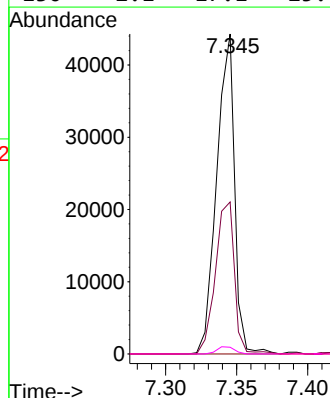
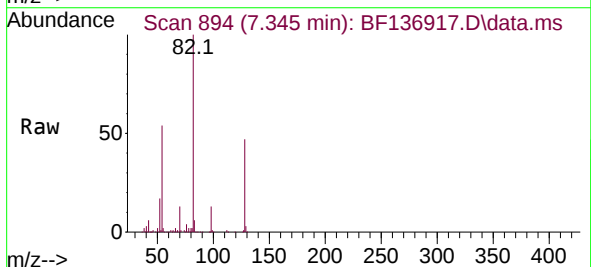
Instrument :
BNA_F
ClientSampleId :
GHL-SS-62

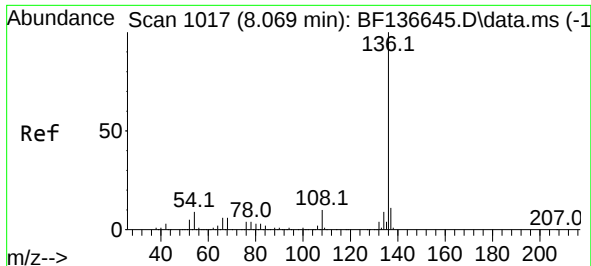
Tgt Ion: 99 Resp: 478733
Ion Ratio Lower Upper
99 100
42 17.4 16.1 24.1
71 31.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.454 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Tgt Ion: 70 Resp: 38660
Ion Ratio Lower Upper
70 100
42 47.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



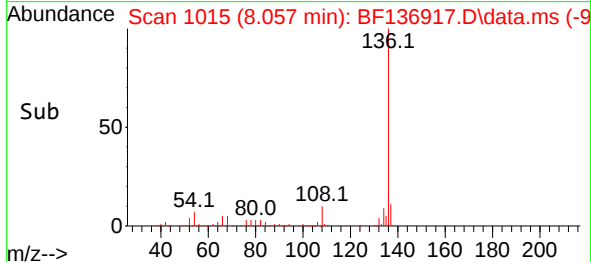
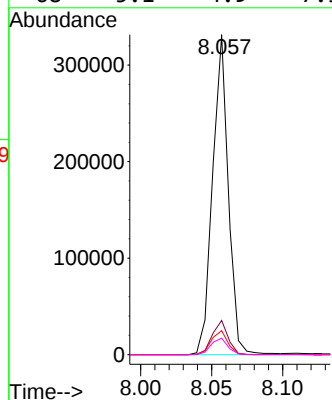
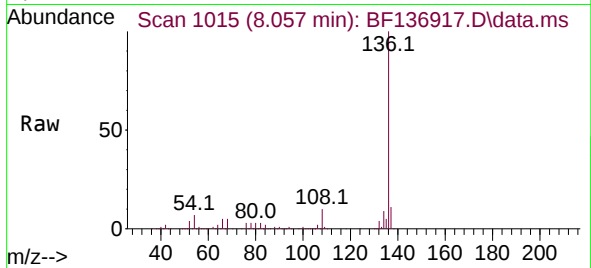


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Instrument :
BNA_F
ClientSampleId :
GHL-SS-62

Tgt Ion:136 Resp: 255388

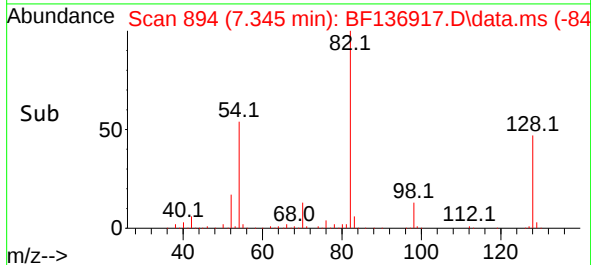
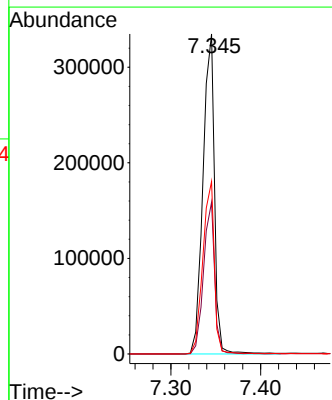
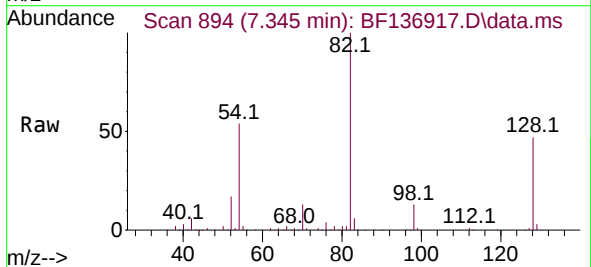
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.5	7.2	10.8
68	5.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 59.667 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Tgt Ion: 82 Resp: 297790

Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.3	52.9
54	53.9	44.5	66.7

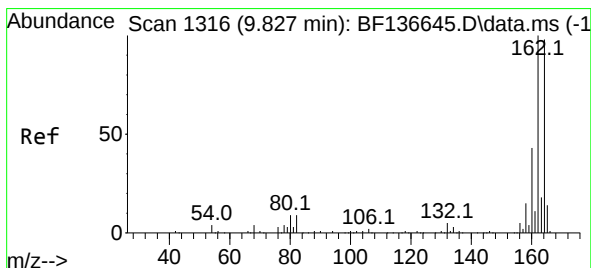
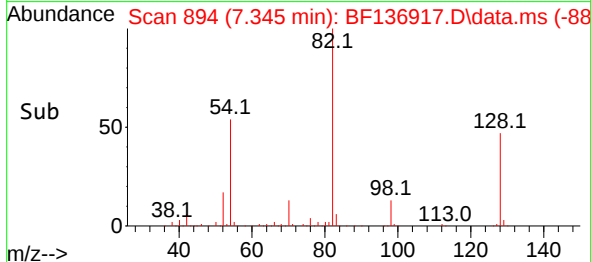
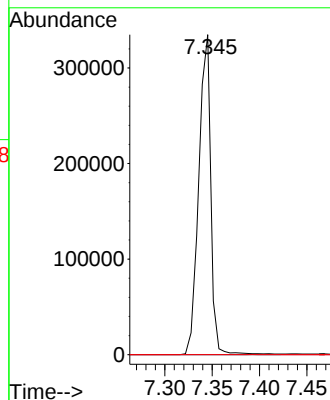
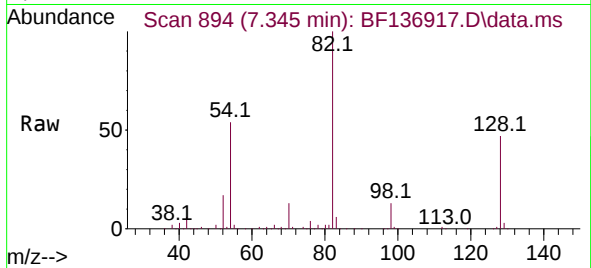




#25
Isophorone
Concen: 32.791 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

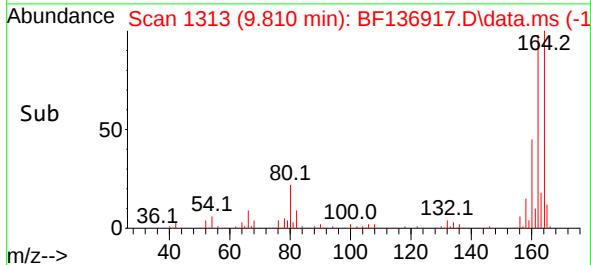
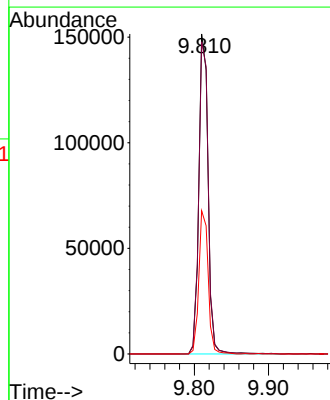
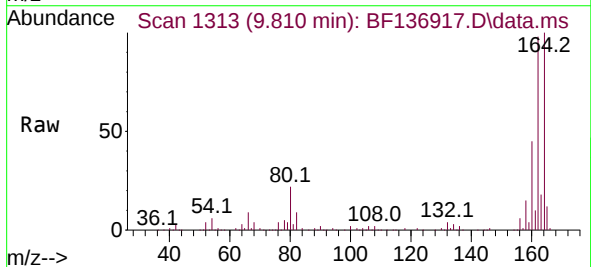
Instrument :
BNA_F
ClientSampleId :
GHL-SS-62

Tgt Ion: 82 Resp: 297788
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Tgt Ion:164 Resp: 130276
Ion Ratio Lower Upper
164 100
162 97.5 81.6 122.4
160 44.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 85.484 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

Instrument :

BNA_F

ClientSampleId :

GHL-SS-62

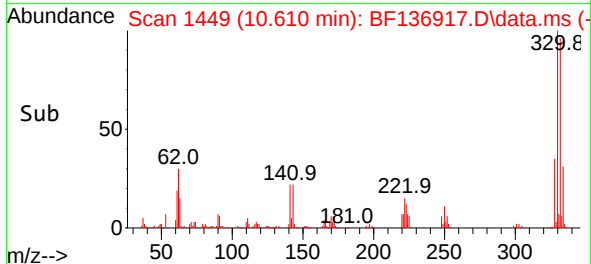
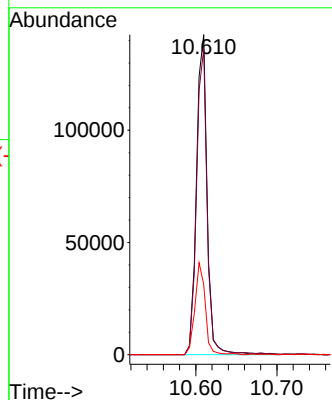
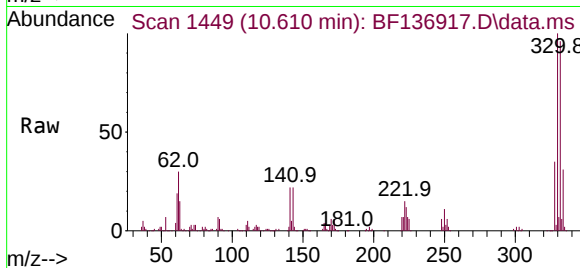
Tgt Ion:330 Resp: 131157

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 59.477 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

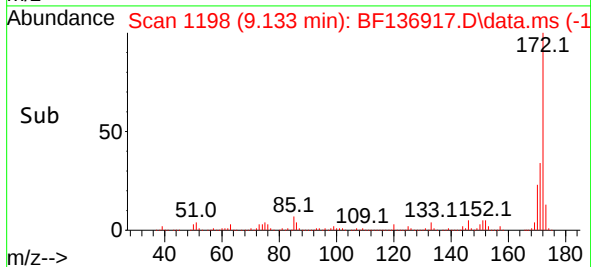
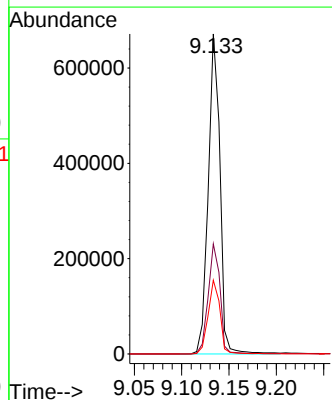
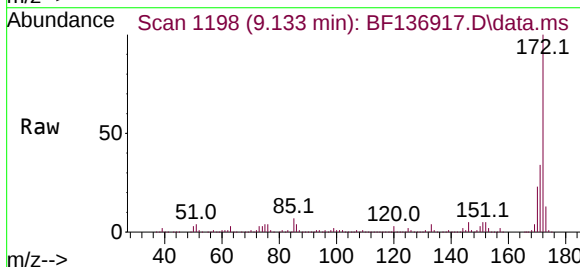
Tgt Ion:172 Resp: 576099

Ion Ratio Lower Upper

172 100

171 34.4 29.0 43.6

170 23.0 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 7.512 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

Instrument :

BNA_F

ClientSampleId :

GHL-SS-62

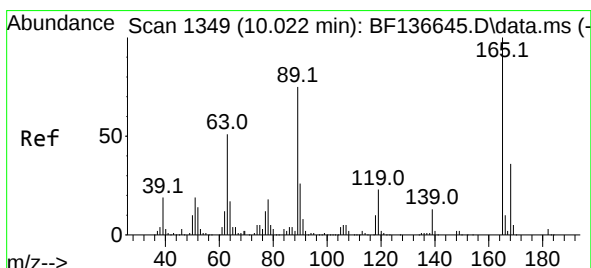
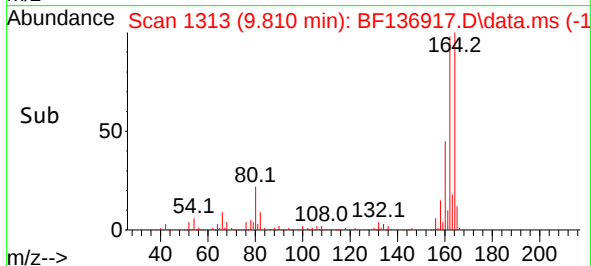
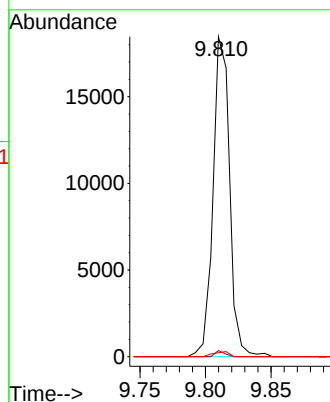
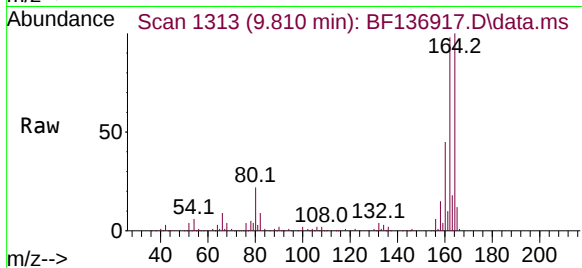
Tgt Ion:165 Resp: 16223

Ion Ratio Lower Upper

165 100

63 1.9 39.8 59.6#

89 1.3 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 5.787 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

Tgt Ion:165 Resp: 16223

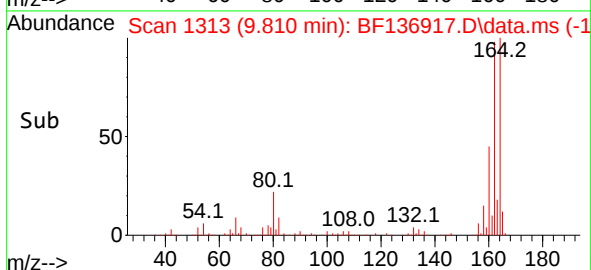
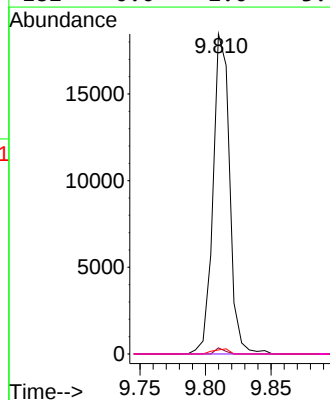
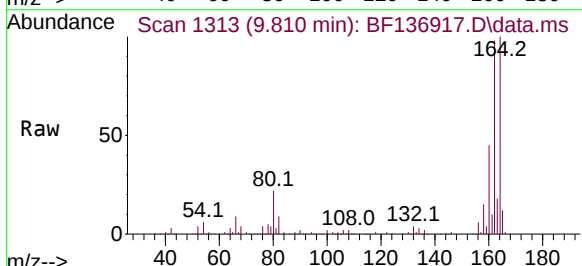
Ion Ratio Lower Upper

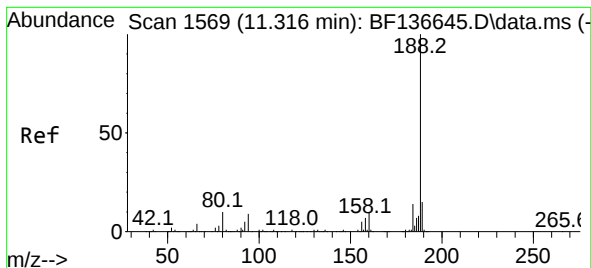
165 100

63 1.9 41.0 61.6#

89 1.3 59.9 89.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

Instrument :

BNA_F

ClientSampleId :

GHL-SS-62

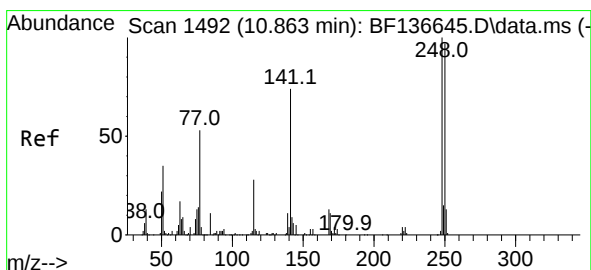
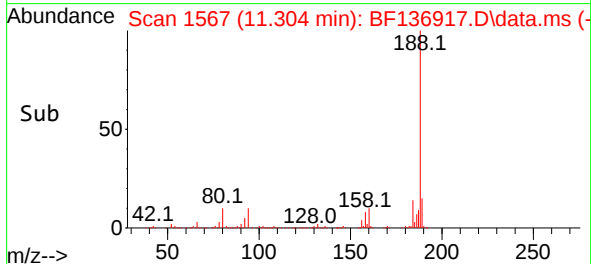
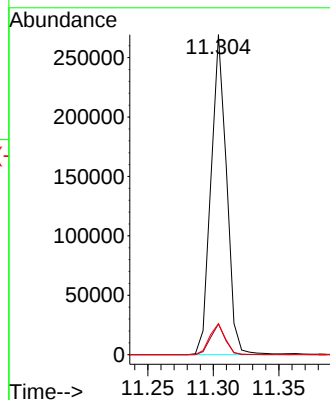
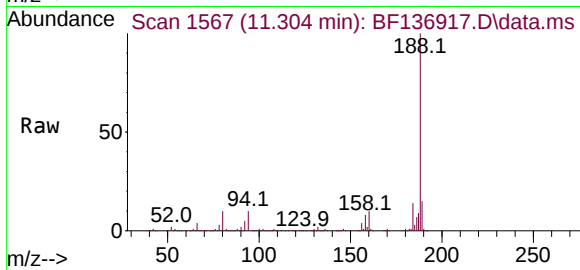
Tgt Ion:188 Resp: 223378

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.7 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.143 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

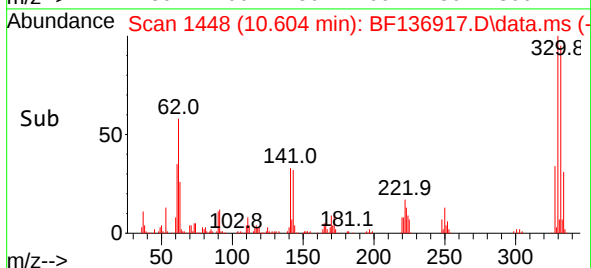
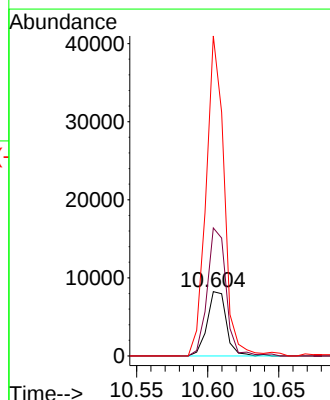
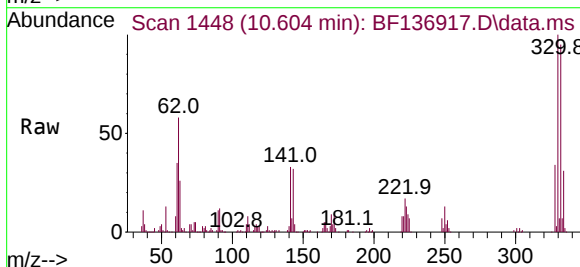
Tgt Ion:248 Resp: 7796

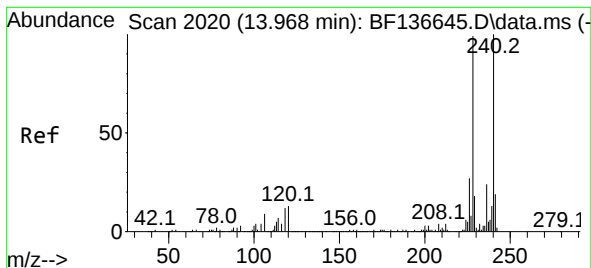
Ion Ratio Lower Upper

248 100

250 199.1 77.8 116.6#

141 497.9 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

Instrument :

BNA_F

ClientSampleId :

GHL-SS-62

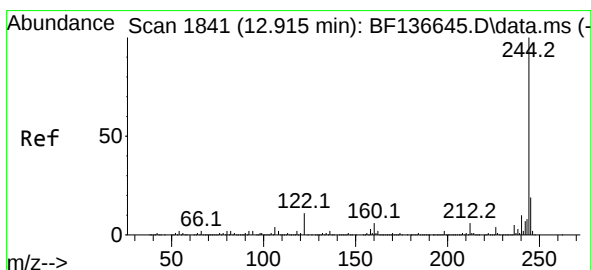
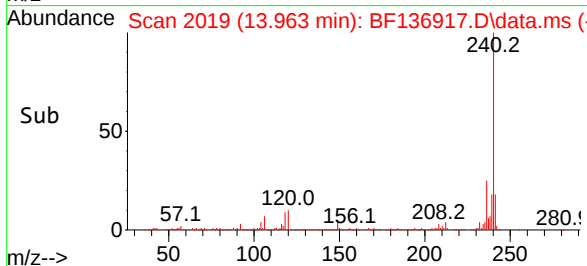
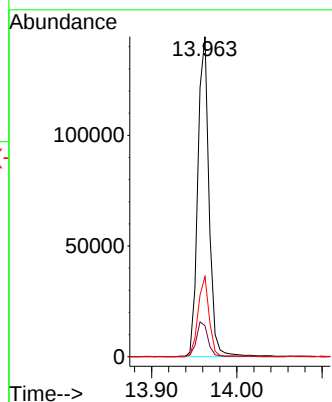
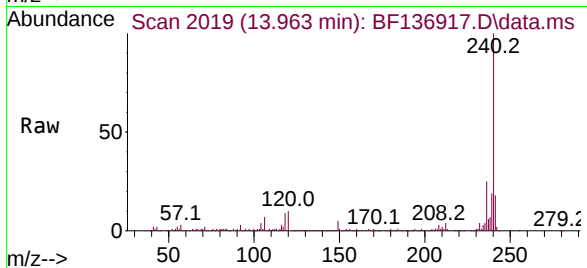
Tgt Ion:240 Resp: 132615

Ion Ratio Lower Upper

240 100

120 9.7 10.3 15.5#

236 25.0 19.4 29.2



#79

Terphenyl-d14

Concen: 48.050 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136917.D

Acq: 03 Jan 2024 20:20

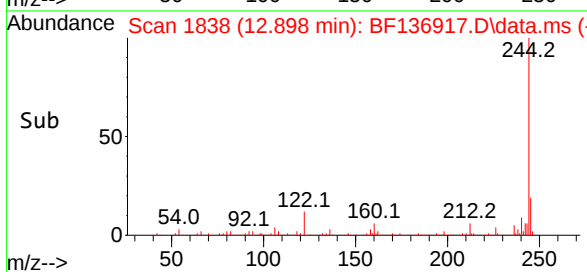
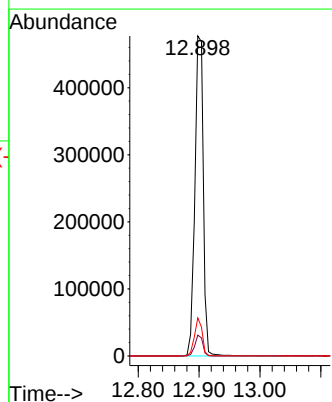
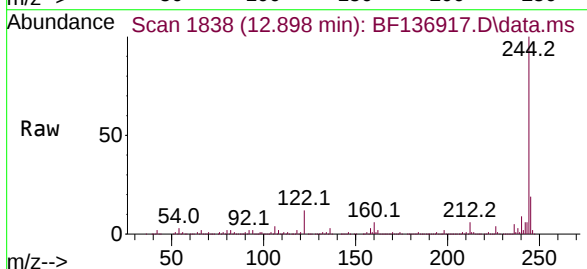
Tgt Ion:244 Resp: 455982

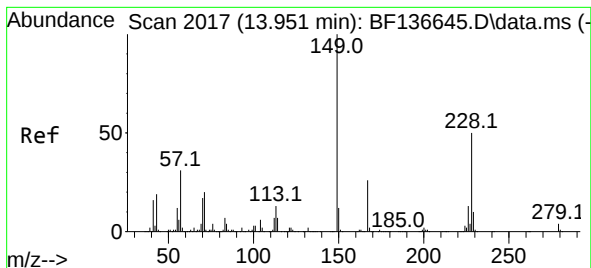
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.9 9.0 13.4

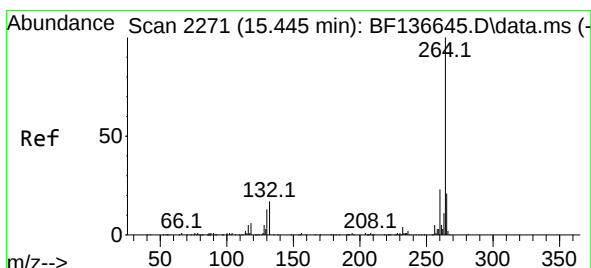
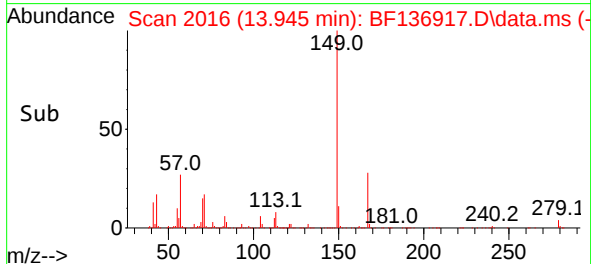
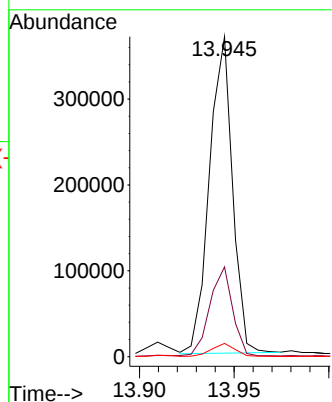
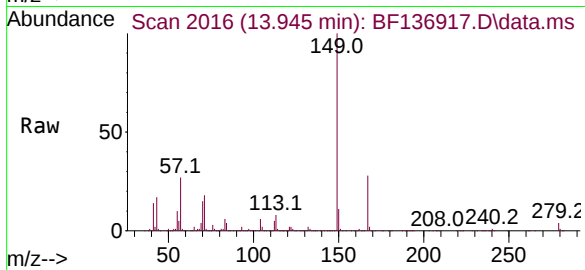




#84
Bis(2-ethylhexyl)phthalate
Concen: 52.488 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Instrument :
BNA_F
ClientSampleId :
GHL-SS-62

Tgt Ion:149 Resp: 312829
Ion Ratio Lower Upper
149 100
167 28.0 20.9 31.3
279 4.2 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136917.D
Acq: 03 Jan 2024 20:20

Tgt Ion:264 Resp: 156243
Ion Ratio Lower Upper
264 100
260 24.1 18.3 27.5
265 20.9 17.0 25.6

