

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135476.D
 Acq On : 27 Sep 2023 17:03
 Operator : CG\JU
 Sample : 04601-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

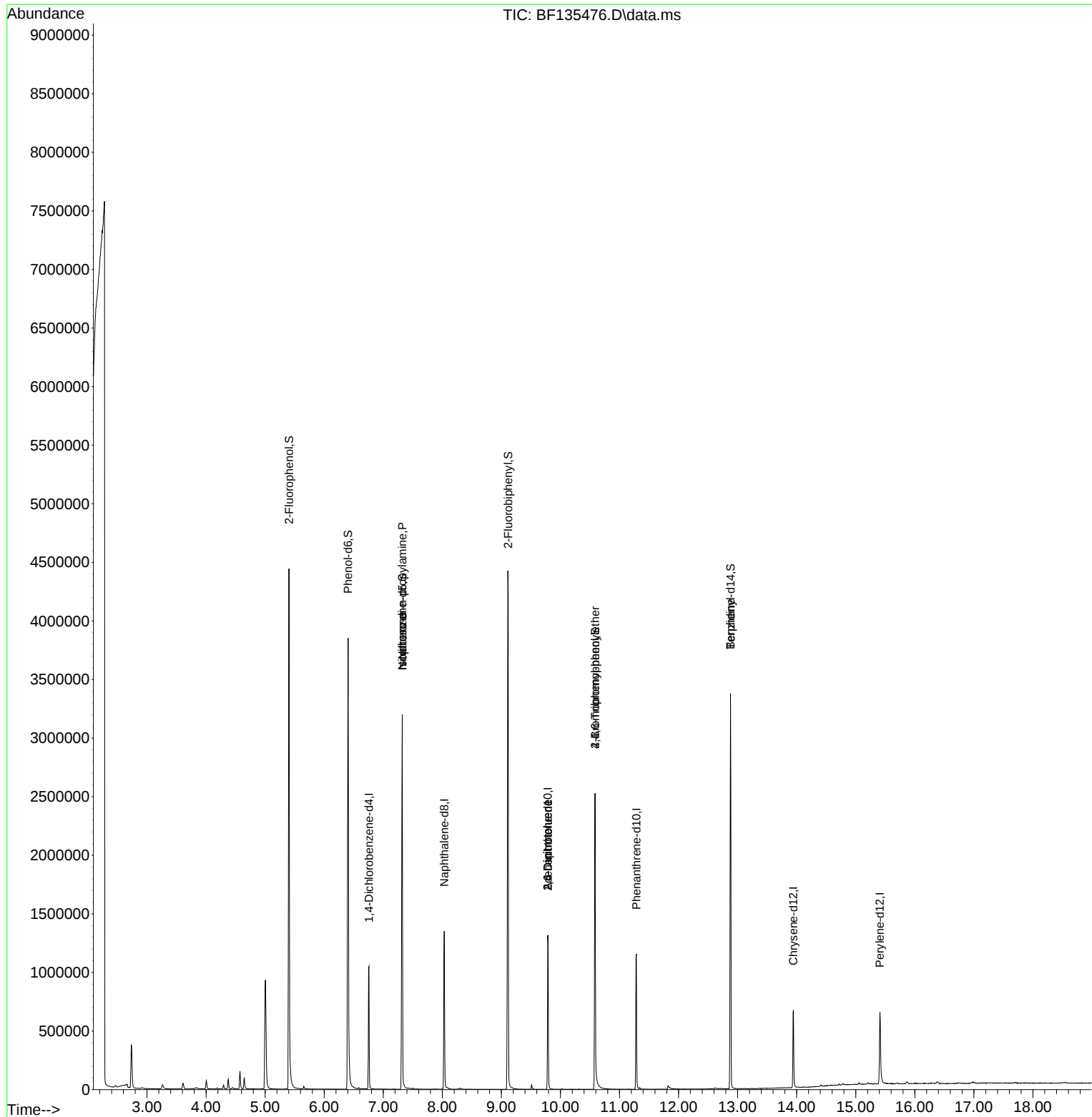
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	158670	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	608409	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	280351	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	459552	20.000	ng	0.00
76) Chrysene-d12	13.945	240	249970	20.000	ng	0.00
86) Perylene-d12	15.409	264	317102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1254041	128.545	ng	0.02
7) Phenol-d6	6.404	99	1475744	118.965	ng	0.00
23) Nitrobenzene-d5	7.322	82	1064955	95.098	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	318058	114.163	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1675795	90.184	ng	0.00
79) Terphenyl-d14	12.880	244	1246514	77.303	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	139753	18.189	ng	# 82
25) Isophorone	7.322	82	1064945	51.788	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	35469	8.542	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	35470	6.823	ng	# 18
67) 4-Bromophenyl-phenylether	10.586	248	20877	4.568	ng	# 1
77) Benzydine	12.880	184	15470	3.021	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135476.D
Acq On : 27 Sep 2023 17:03
Operator : CG\JU
Sample : 04601-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

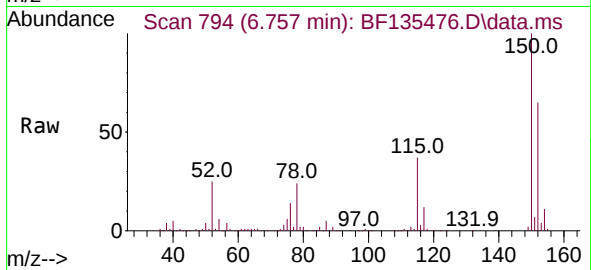
Quant Time: Sep 28 01:49:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration



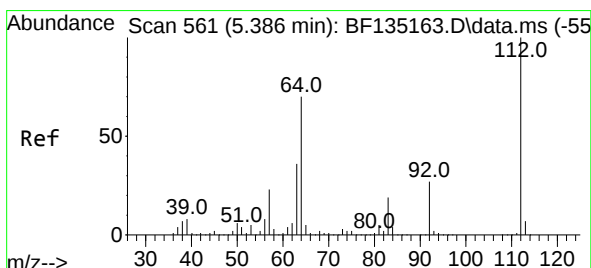
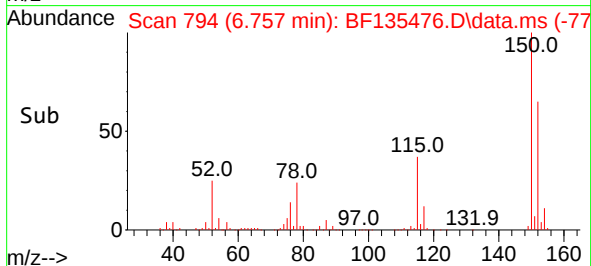
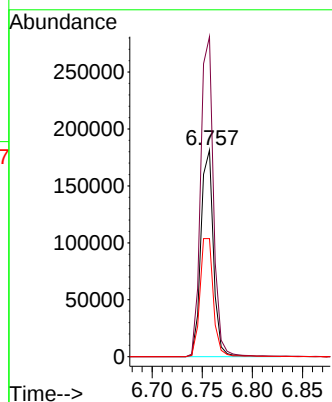


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Instrument :
BNA_F
ClientSampleId :

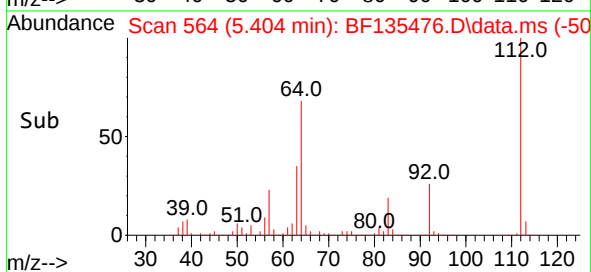
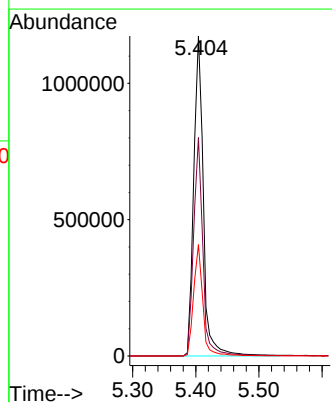
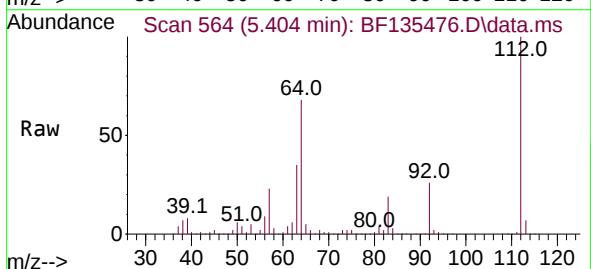


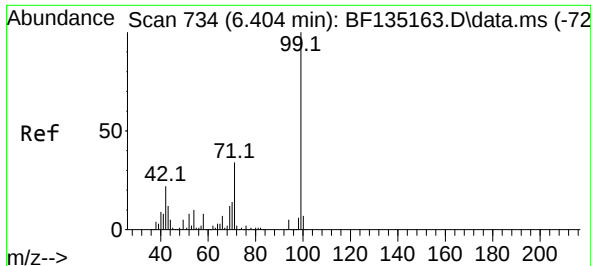
Tgt Ion:152 Resp: 158670
Ion Ratio Lower Upper
152 100
150 154.9 127.8 191.6
115 57.2 49.8 74.8



#5
2-Fluorophenol
Concen: 128.545 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Tgt Ion:112 Resp: 1254041
Ion Ratio Lower Upper
112 100
64 68.3 55.9 83.9
63 34.8 29.0 43.6





#7

Phenol-d6

Concen: 118.965 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.000 min

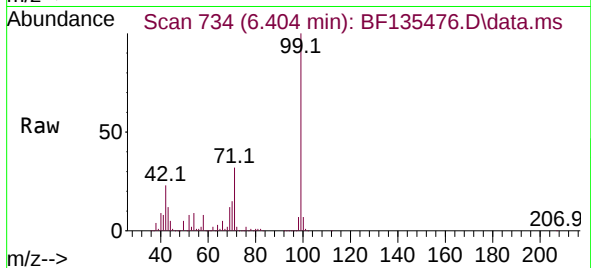
Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :



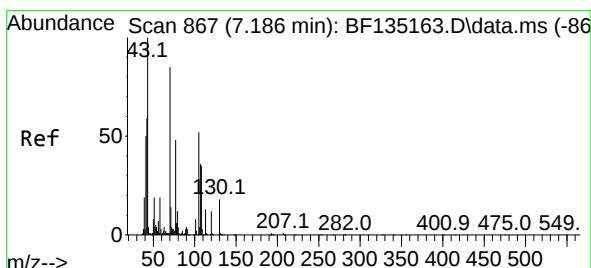
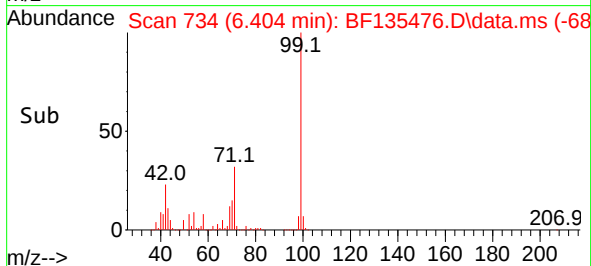
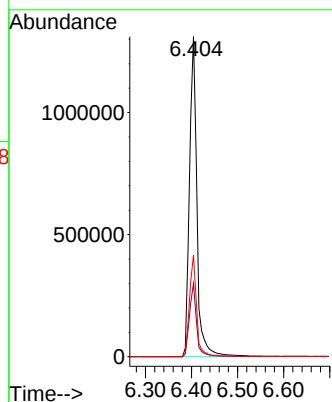
Tgt Ion: 99 Resp: 1475744

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 31.7 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.189 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.147 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Tgt Ion: 70 Resp: 139753

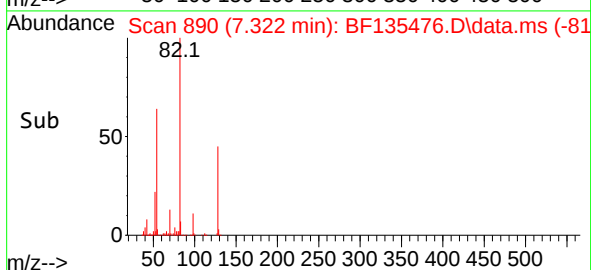
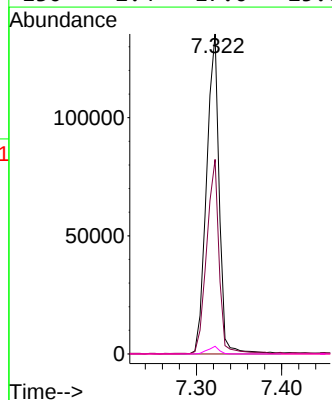
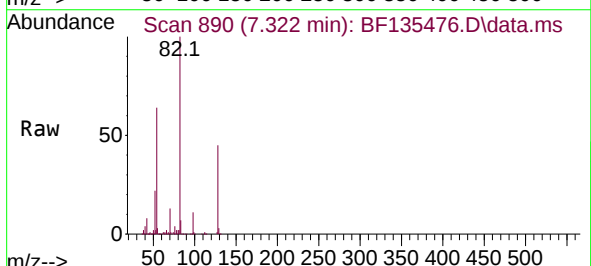
Ion Ratio Lower Upper

70 100

42 60.8 55.4 83.0

101 0.0 7.7 11.5#

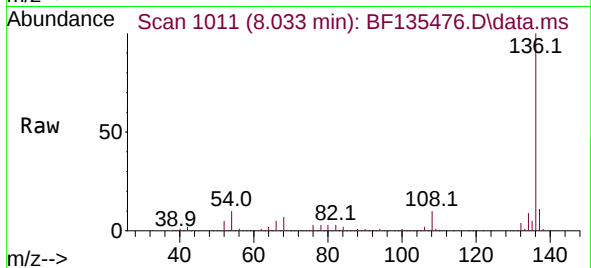
130 2.4 17.0 25.6#



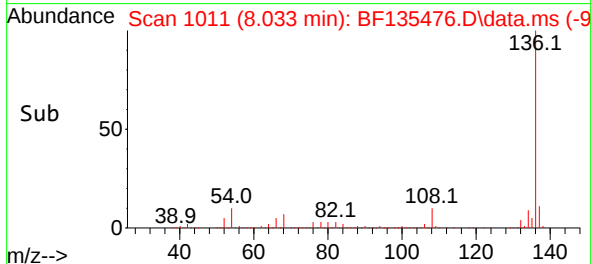
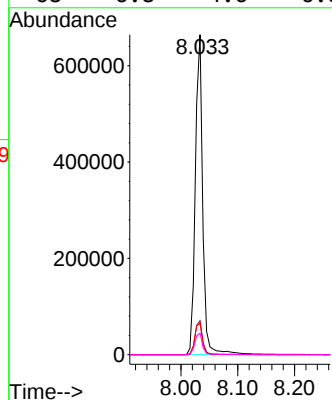


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Instrument :
BNA_F
ClientSampleId :

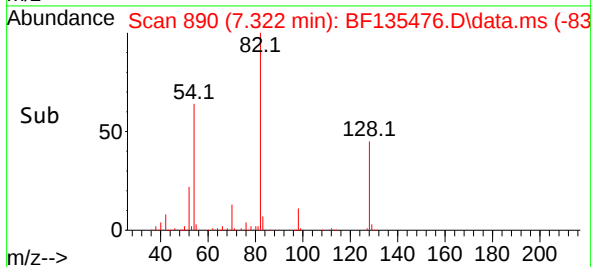
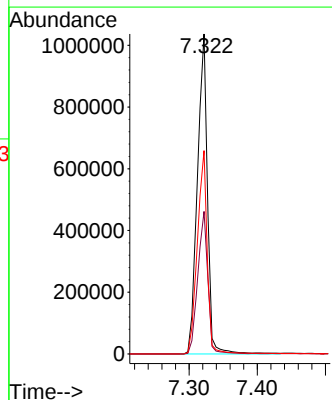
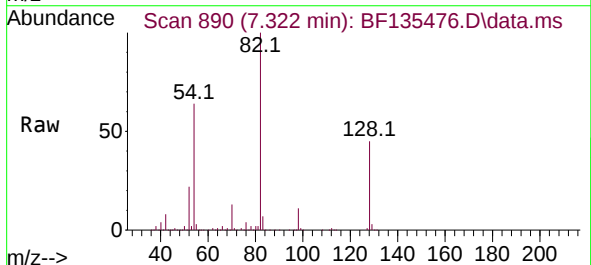


Tgt Ion:136 Resp: 608409
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.8 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 95.098 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Tgt Ion: 82 Resp: 1064955
Ion Ratio Lower Upper
82 100
128 44.6 35.8 53.6
54 63.6 50.6 76.0

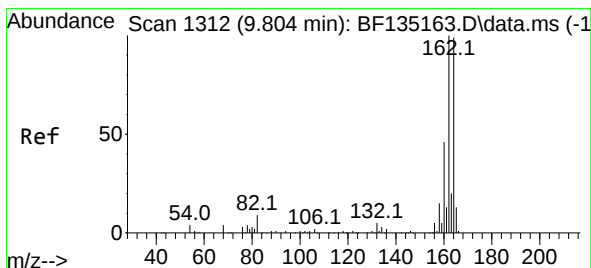
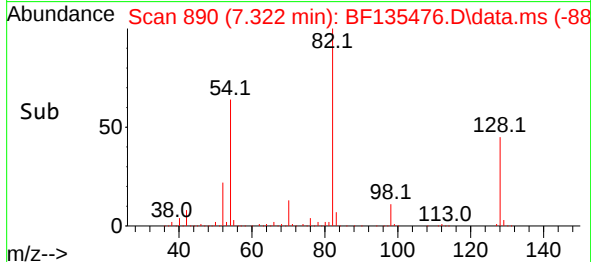
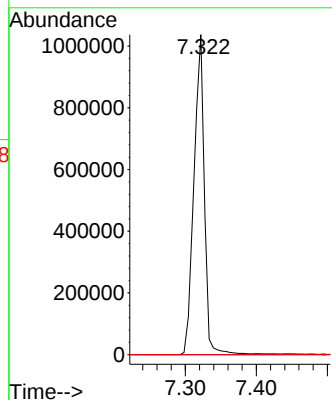
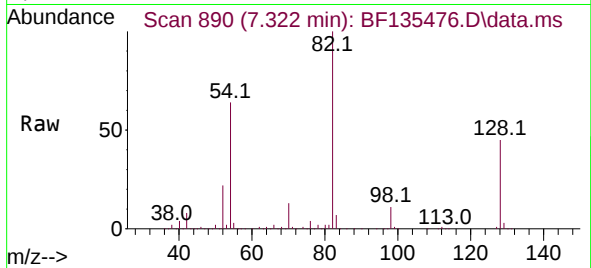




#25
Isophorone
Concen: 51.788 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

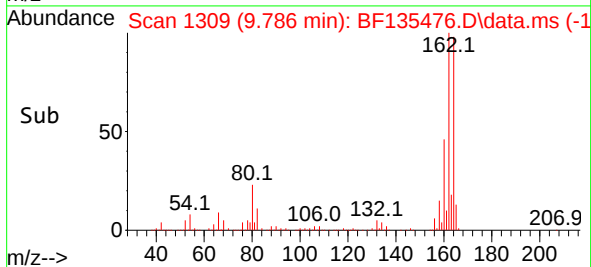
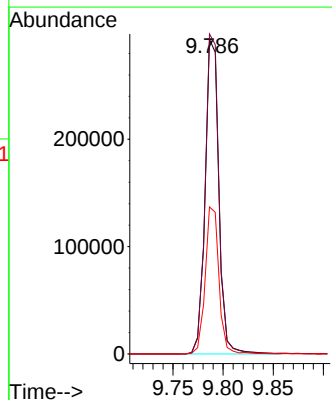
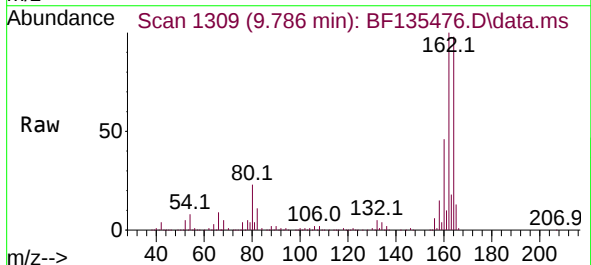
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1064945
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

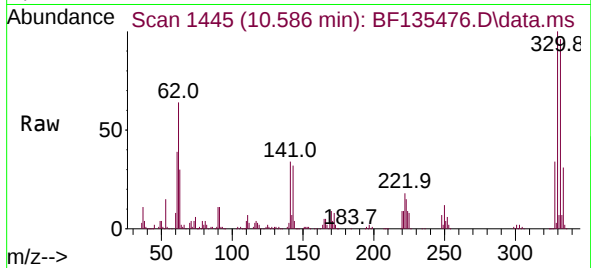
Tgt Ion:164 Resp: 280351
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 46.7 37.0 55.4



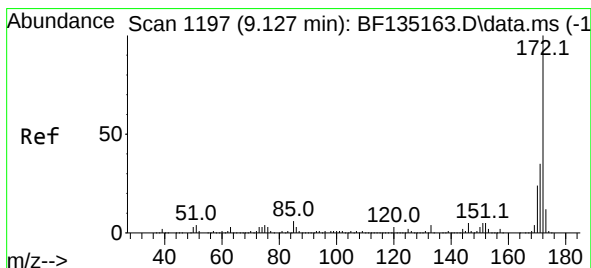
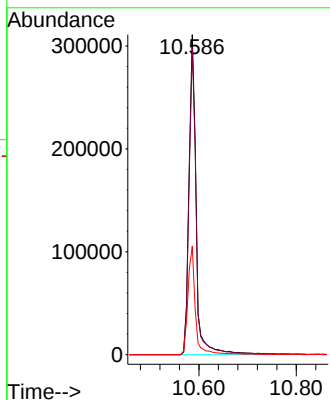
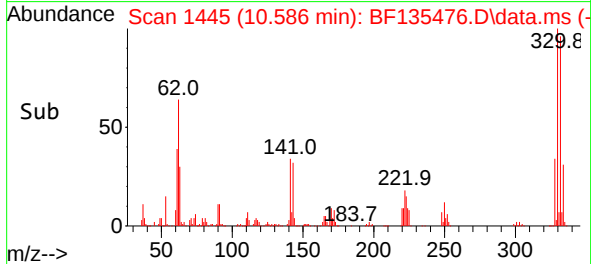


#42
2,4,6-Tribromophenol
Concen: 114.163 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Instrument :
BNA_F
ClientSampleId :

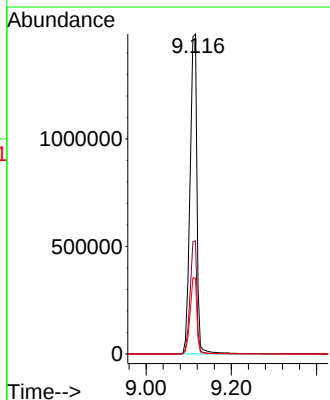
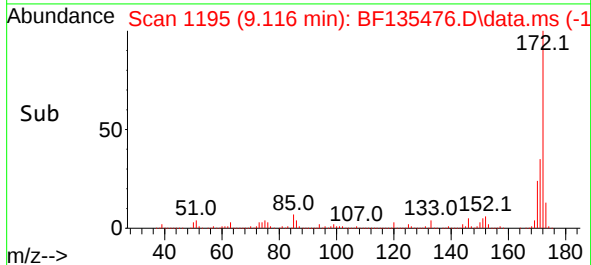
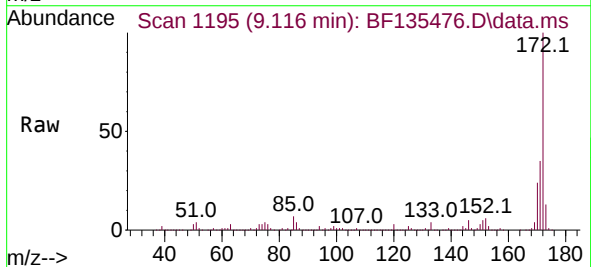


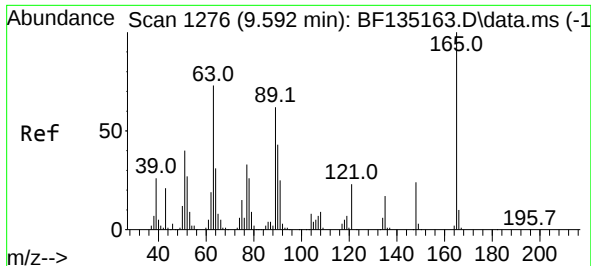
Tgt Ion:330 Resp: 318058
Ion Ratio Lower Upper
330 100
332 95.2 77.3 115.9
141 34.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 90.184 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF135476.D
Acq: 27 Sep 2023 17:03

Tgt Ion:172 Resp: 1675795
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.542 ng

RT: 9.786 min Scan# 11

Delta R.T. 0.200 min

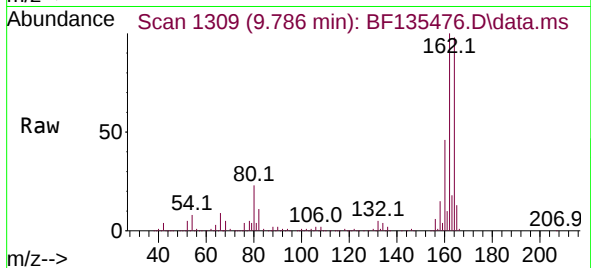
Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :



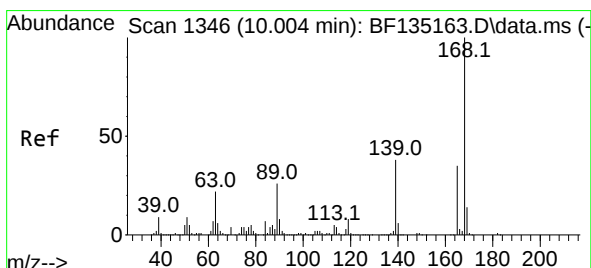
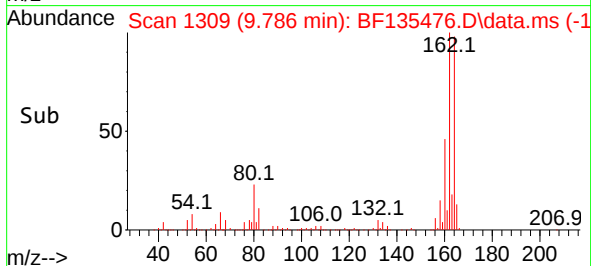
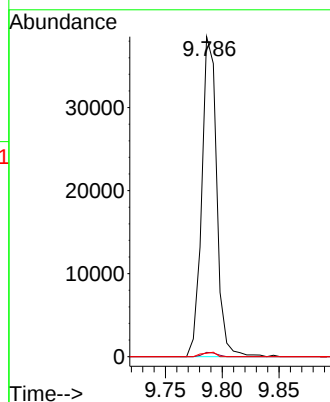
Tgt Ion:165 Resp: 35469

Ion Ratio Lower Upper

165 100

63 1.4 59.4 89.2#

89 1.0 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.823 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.212 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Tgt Ion:165 Resp: 35470

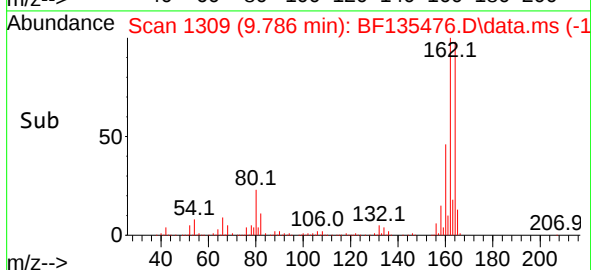
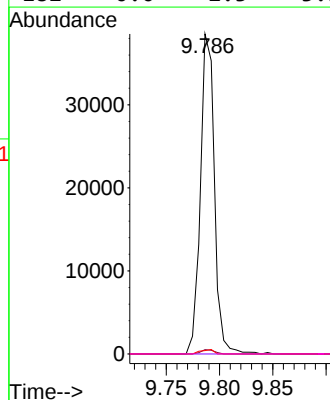
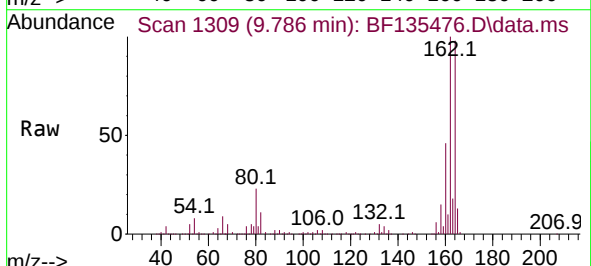
Ion Ratio Lower Upper

165 100

63 1.4 50.1 75.1#

89 1.0 59.3 88.9#

182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :

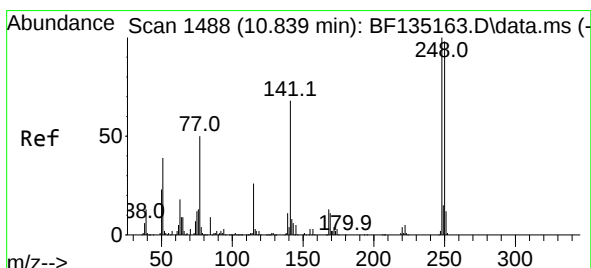
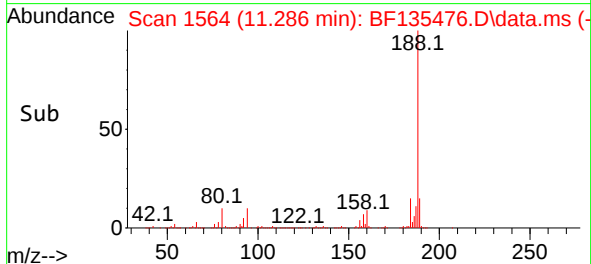
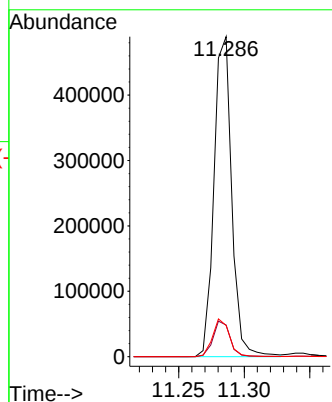
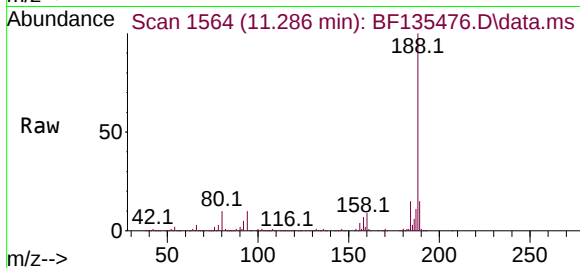
Tgt Ion:188 Resp: 459552

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 9.7 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.568 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

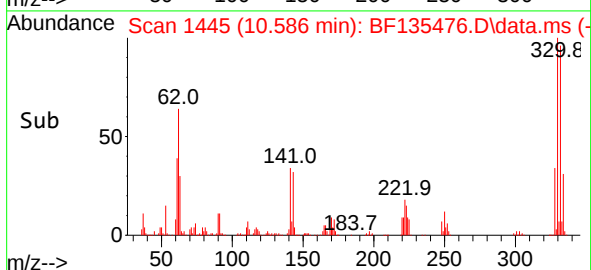
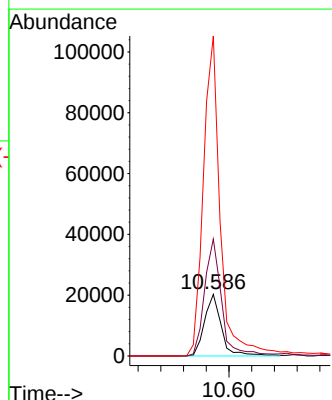
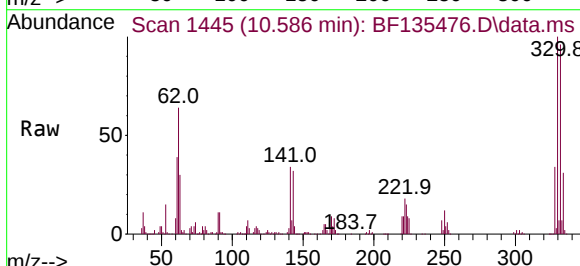
Tgt Ion:248 Resp: 20877

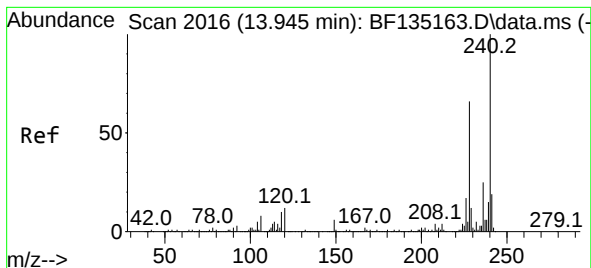
Ion Ratio Lower Upper

248 100

250 189.8 78.6 117.8#

141 519.2 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.000 min

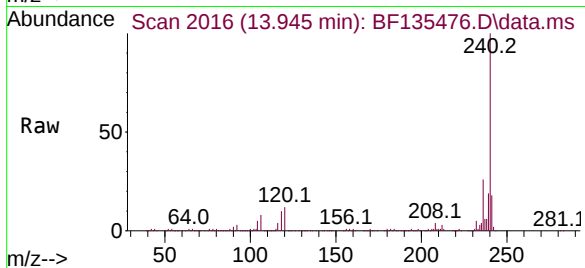
Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

Instrument :

BNA_F

ClientSampleId :



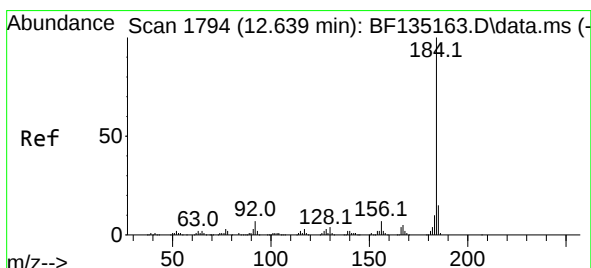
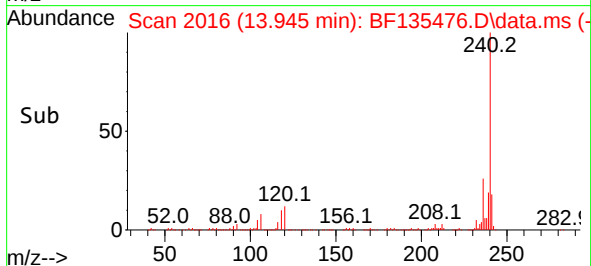
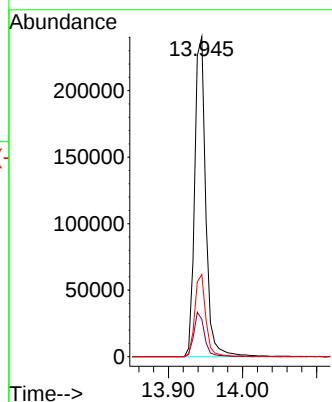
Tgt Ion:240 Resp: 249970

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.6 19.8 29.8



#77

Benzidine

Concen: 3.021 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135476.D

Acq: 27 Sep 2023 17:03

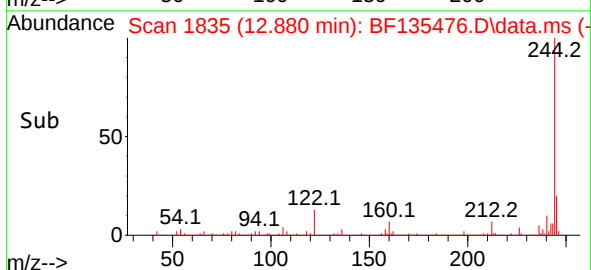
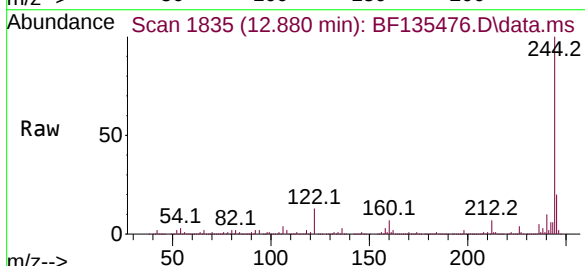
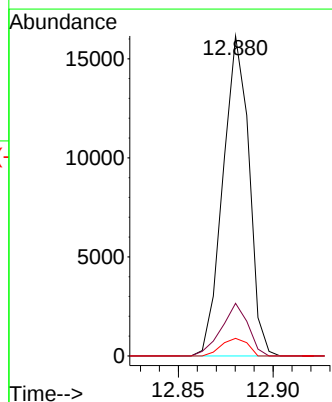
Tgt Ion:184 Resp: 15470

Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

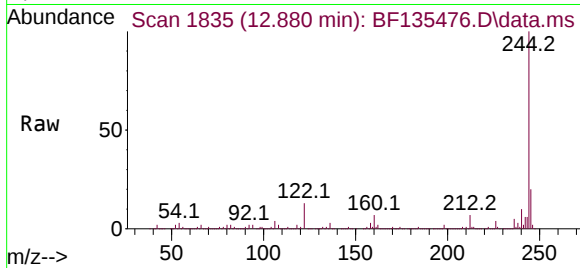
183 5.5 8.2 12.4#



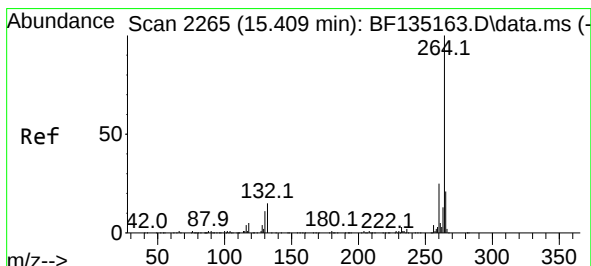
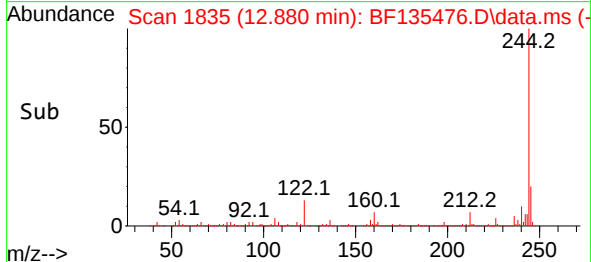
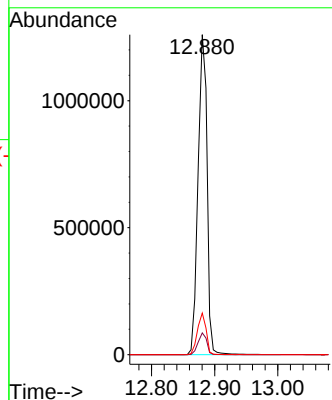


#79
 Terphenyl-d14
 Concen: 77.303 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135476.D
 Acq: 27 Sep 2023 17:03

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1246514
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 13.0 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135476.D
 Acq: 27 Sep 2023 17:03

Tgt Ion:264 Resp: 317102
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 21.2 17.0 25.4

