

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134282.D
 Acq On : 14 Jul 2023 10:16
 Operator : CG\JU
 Sample : PB154160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154160BL

Quant Time: Jul 15 00:21:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

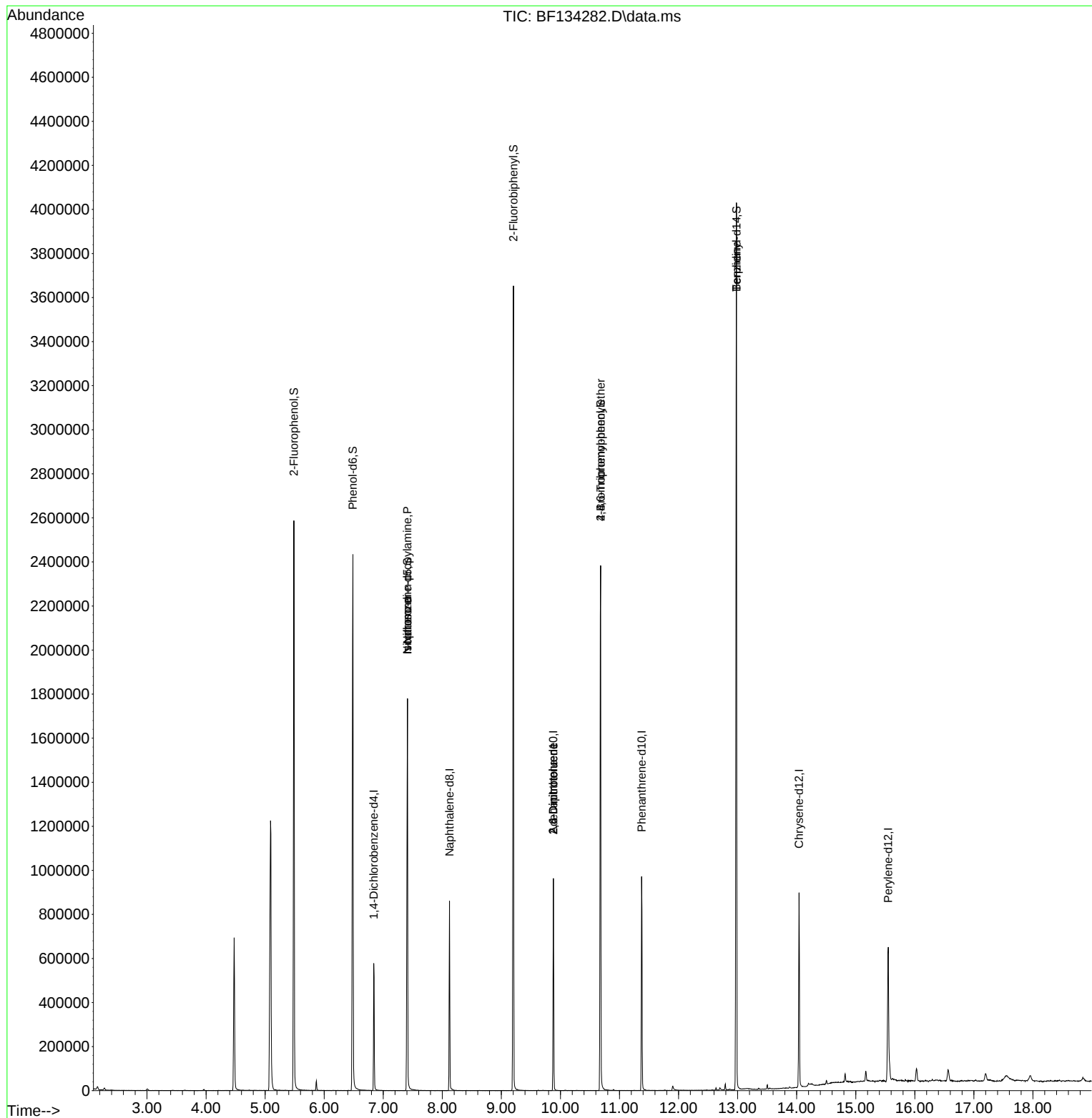
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	86014	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	334611	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	176424	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	368195	20.000	ng	0.00
76) Chrysene-d12	14.039	240	299414	20.000	ng	0.00
86) Perylene-d12	15.551	264	312848	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	678087	131.872	ng	0.02
7) Phenol-d6	6.487	99	811318	128.299	ng	0.00
23) Nitrobenzene-d5	7.410	82	551528	88.850	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	311494	140.820	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1084224	89.350	ng	0.00
79) Terphenyl-d14	12.980	244	1426730	76.690	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	549	Below Cal	#	69
19) n-Nitroso-di-n-propyla...	7.410	70	77964	19.441	ng	# 74
25) Isophorone	7.410	82	551523	48.888	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	22702	8.230	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	22702	6.232	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	18212	4.654	ng	# 1
77) Benzidine	12.980	184	20449	2.870	ng	# 91

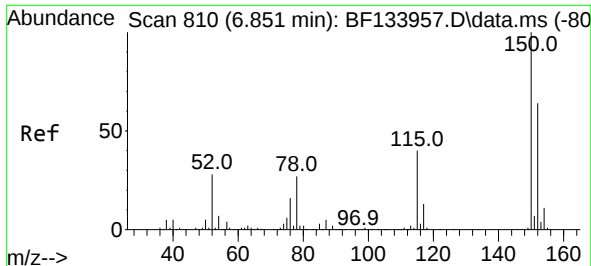
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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Quant Time: Jul 15 00:21:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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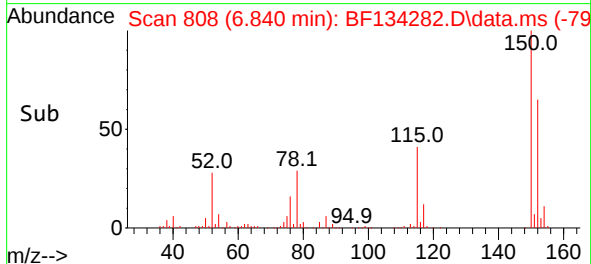
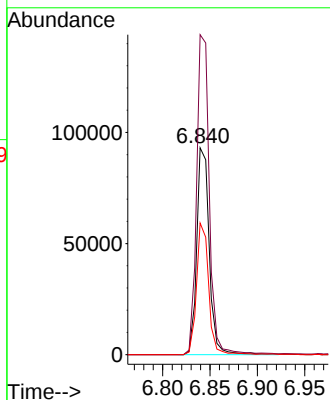
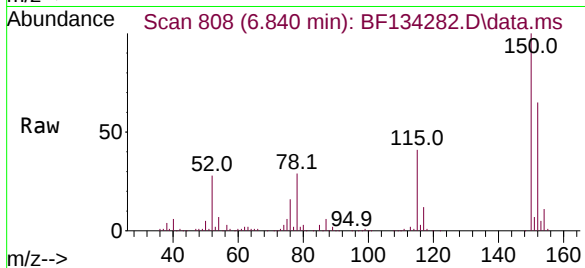




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

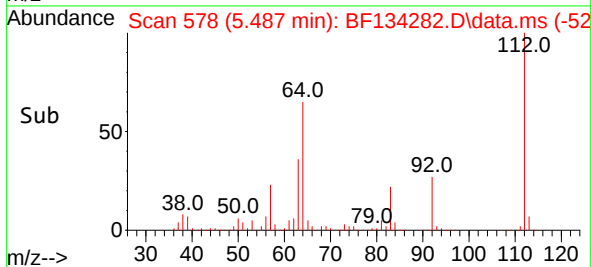
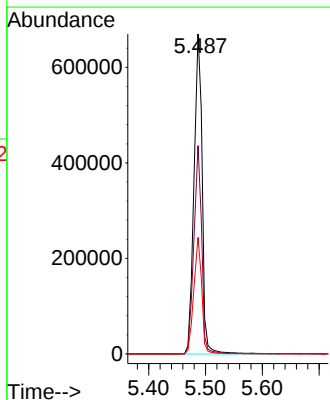
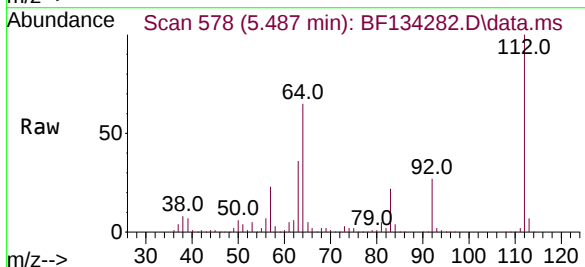
Instrument :
BNA_F
ClientSampleId :
PB154160BL

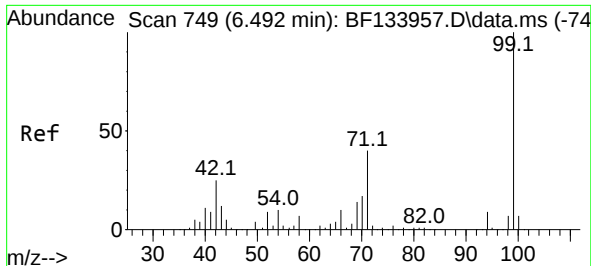
Tgt Ion:152 Resp: 86014
Ion Ratio Lower Upper
152 100
150 154.7 124.5 186.7
115 63.7 50.2 75.2



#5
2-Fluorophenol
Concen: 131.872 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:112 Resp: 678087
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 36.4 28.6 42.8





#7

Phenol-d6

Concen: 128.299 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB154160BL

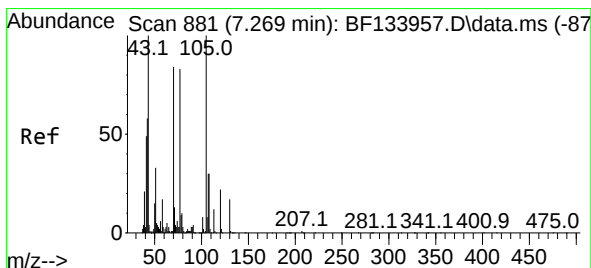
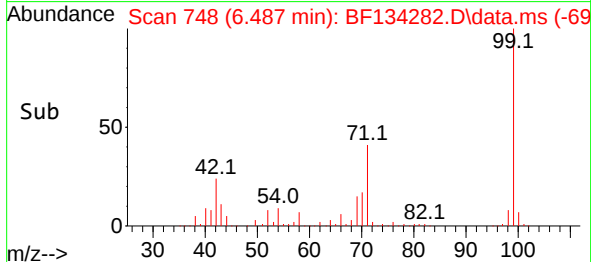
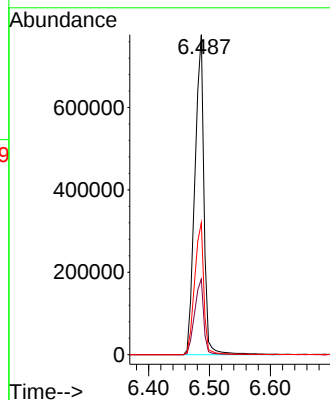
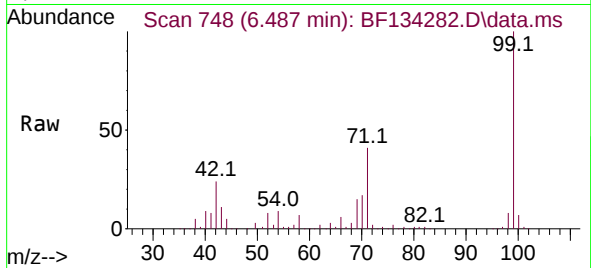
Tgt Ion: 99 Resp: 811318

Ion Ratio Lower Upper

99 100

42 23.6 19.8 29.6

71 41.2 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.441 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

Tgt Ion: 70 Resp: 77964

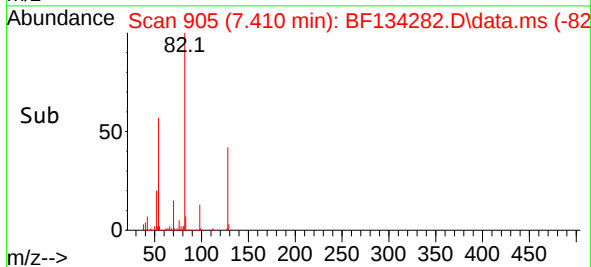
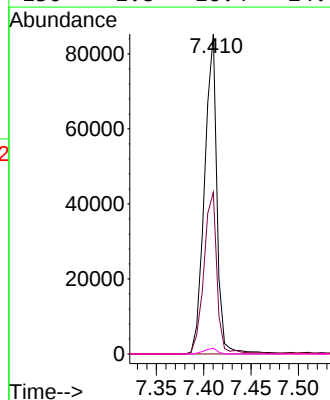
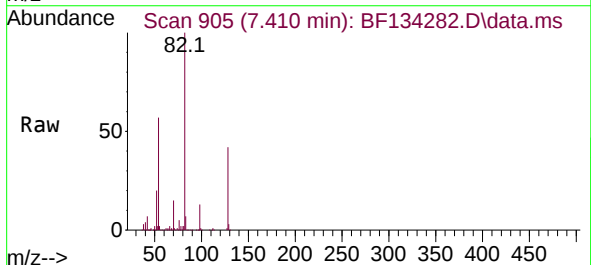
Ion Ratio Lower Upper

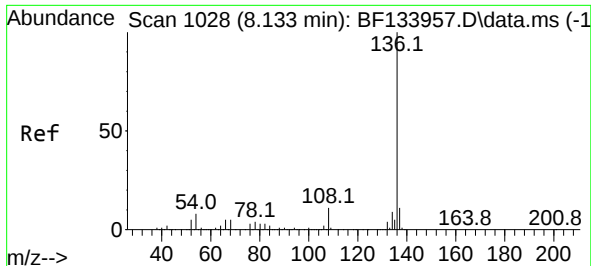
70 100

42 50.5 54.7 82.1#

101 0.0 7.7 11.5#

130 1.8 16.4 24.6#

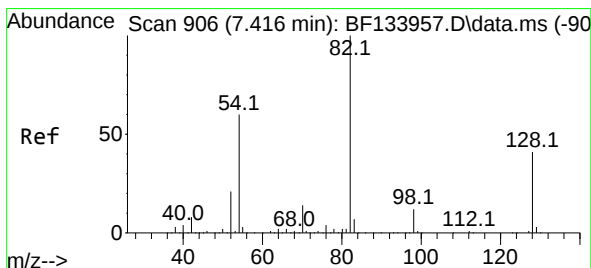
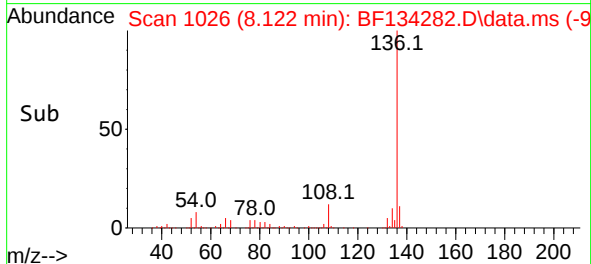
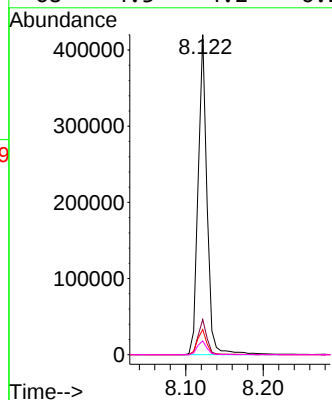
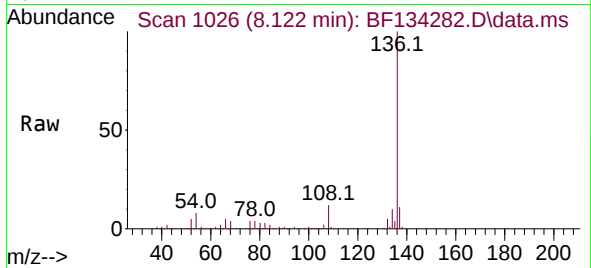




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

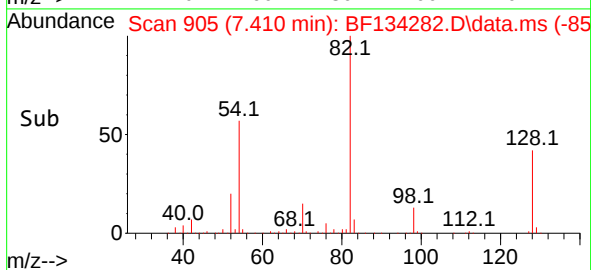
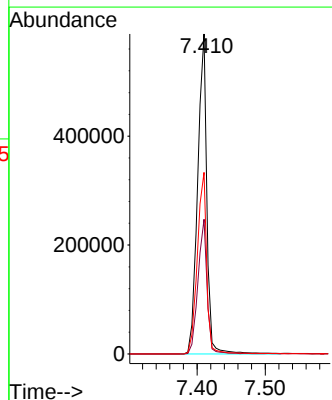
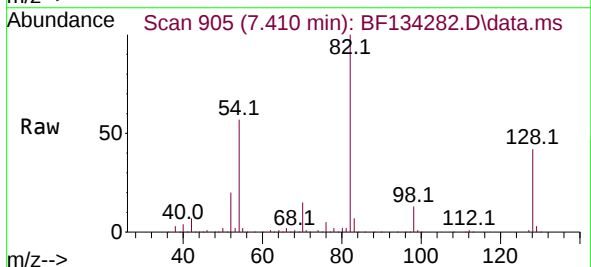
Instrument :
BNA_F
ClientSampleId :
PB154160BL

Tgt Ion:136 Resp: 334611
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.8 6.5 9.7
68 4.3 4.2 6.2



#23
Nitrobenzene-d5
Concen: 88.850 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion: 82 Resp: 551528
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 56.7 48.2 72.2

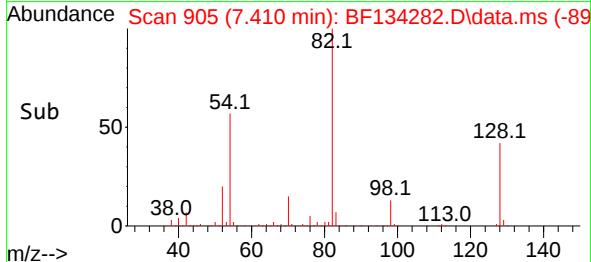
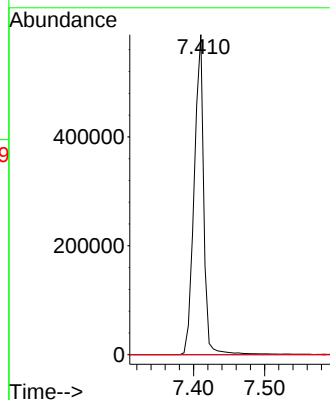
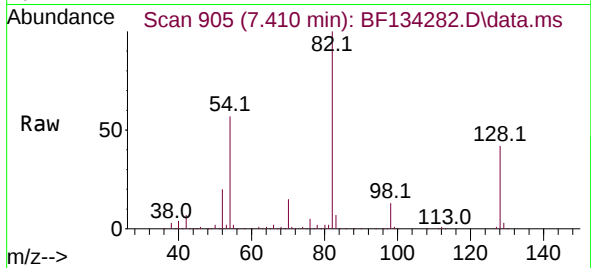




#25
Isophorone
Concen: 48.888 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

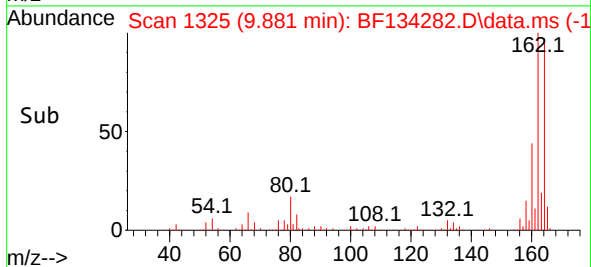
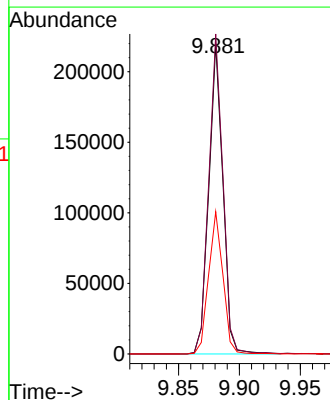
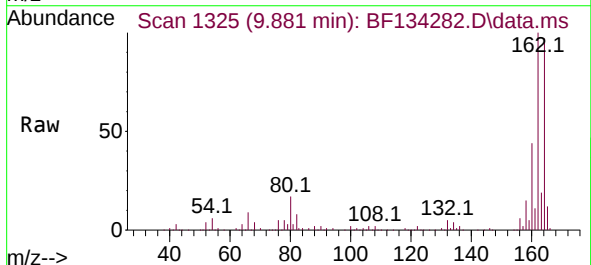
Instrument :
BNA_F
ClientSampleId :
PB154160BL

Tgt Ion: 82 Resp: 551523
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:164 Resp: 176424
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 140.820 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF134282.D

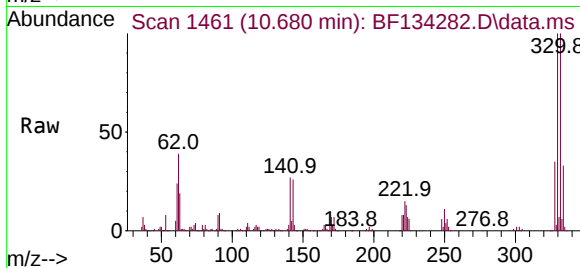
Acq: 14 Jul 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB154160BL



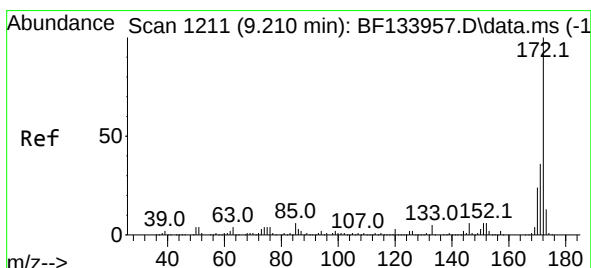
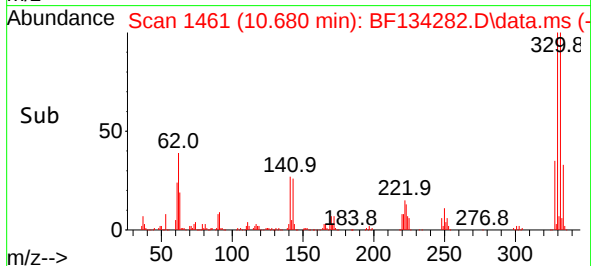
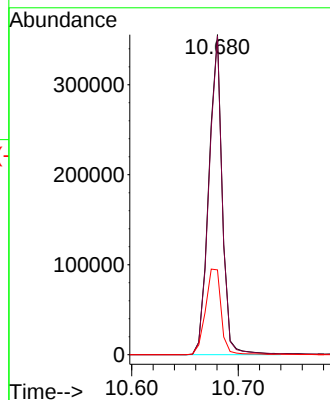
Tgt Ion:330 Resp: 311494

Ion Ratio Lower Upper

330 100

332 99.4 77.0 115.6

141 31.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 89.350 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

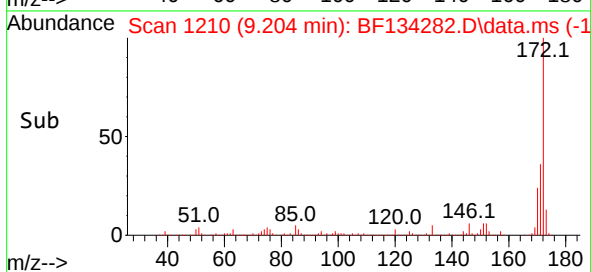
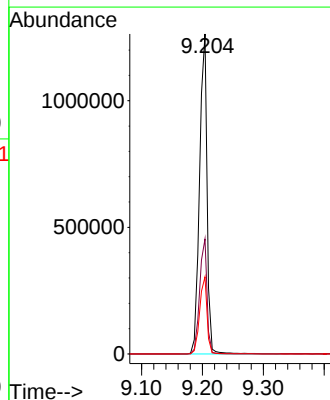
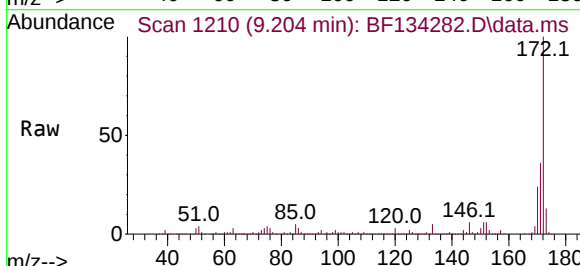
Tgt Ion:172 Resp: 1084224

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.1 19.4 29.0

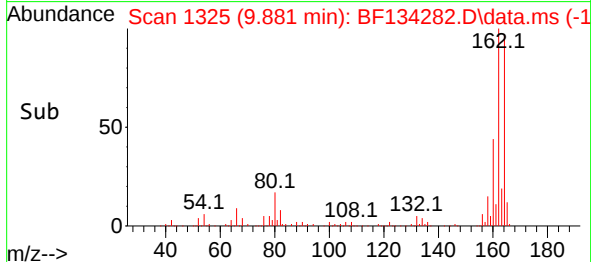
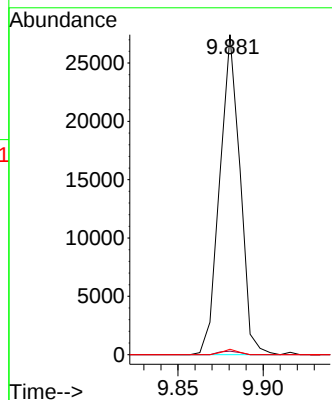
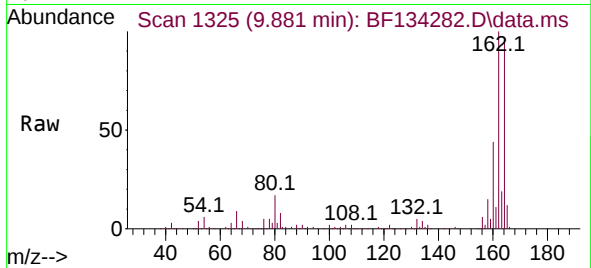




#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

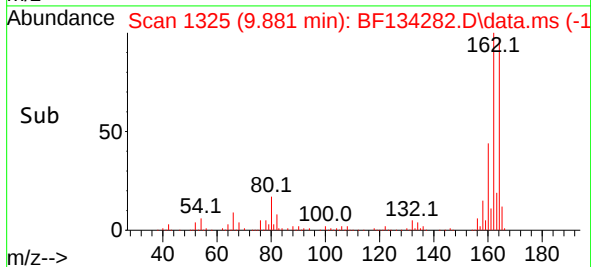
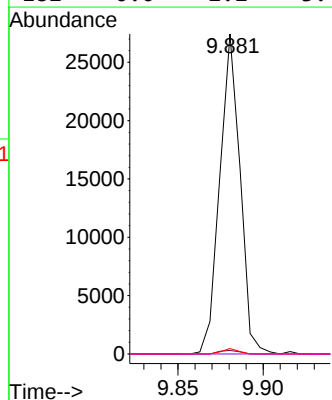
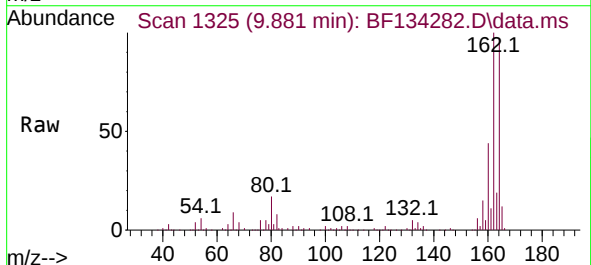
Instrument :
BNA_F
ClientSampleId :
PB154160BL

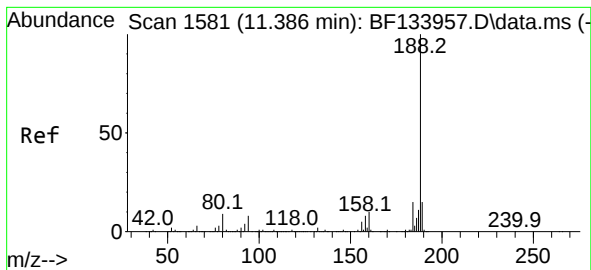
Tgt Ion:165 Resp: 22702
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.232 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134282.D
Acq: 14 Jul 2023 10:16

Tgt Ion:165 Resp: 22702
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB154160BL

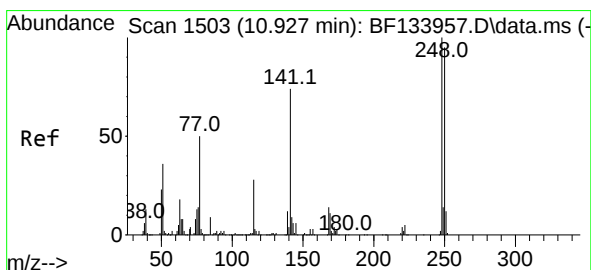
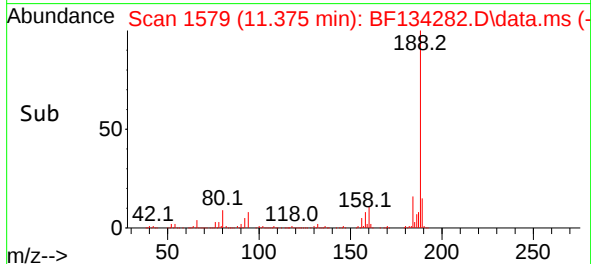
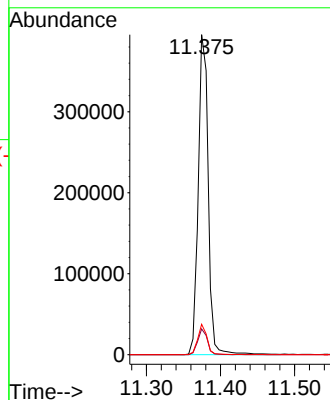
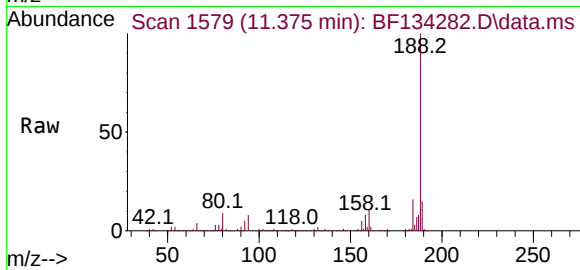
Tgt Ion:188 Resp: 368195

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.654 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.235 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

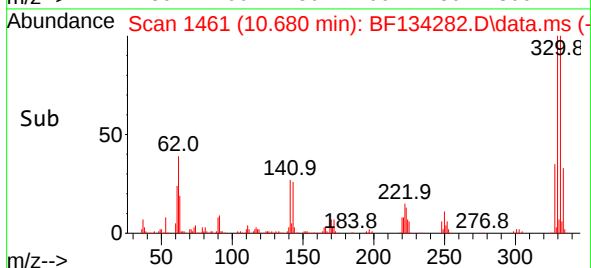
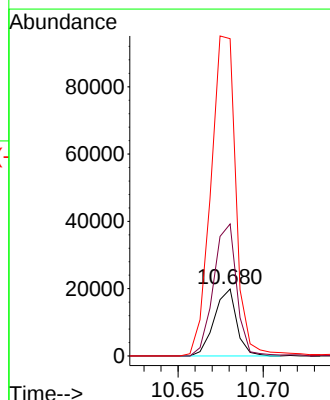
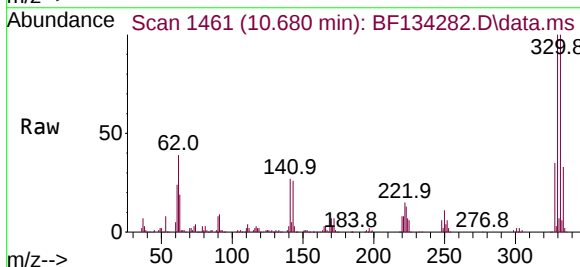
Tgt Ion:248 Resp: 18212

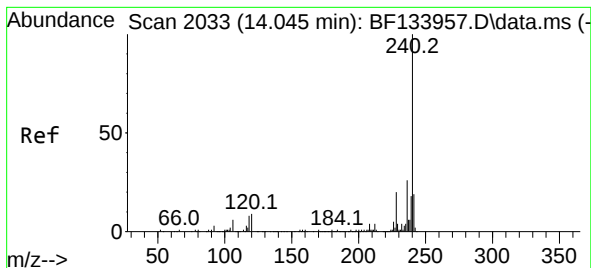
Ion Ratio Lower Upper

248 100

250 197.3 76.2 114.4#

141 474.3 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

Instrument :

BNA_F

ClientSampleId :

PB154160BL

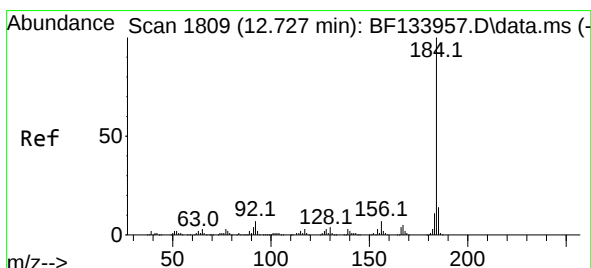
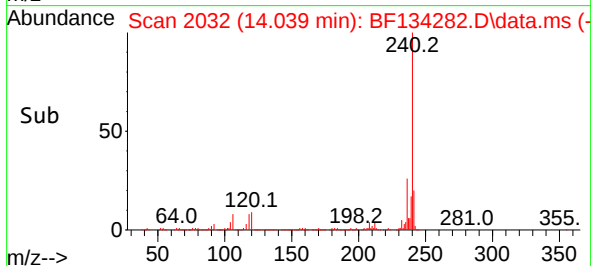
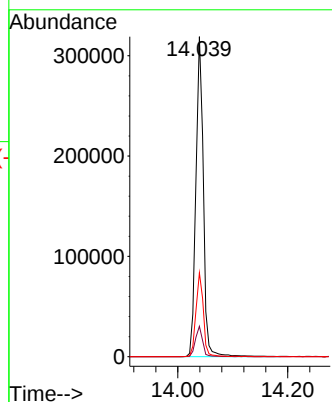
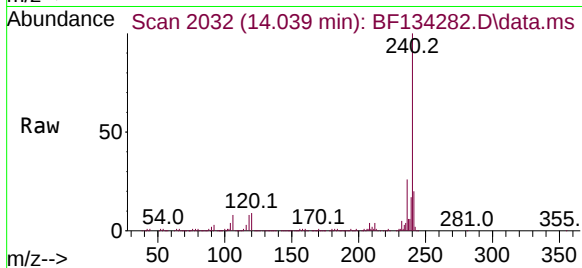
Tgt Ion:240 Resp: 299414

Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 26.2 21.0 31.6



#77

Benzidine

Concen: 2.870 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134282.D

Acq: 14 Jul 2023 10:16

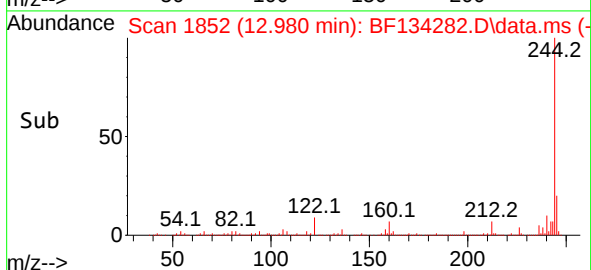
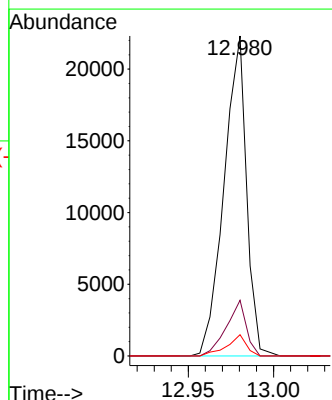
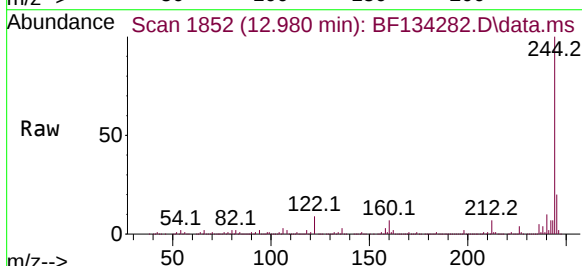
Tgt Ion:184 Resp: 20449

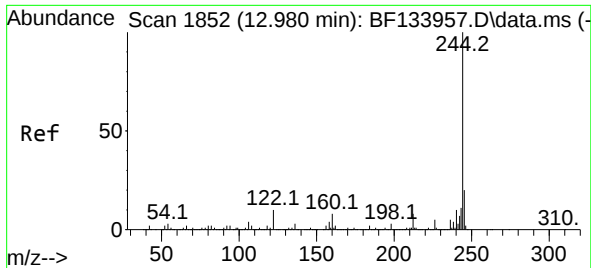
Ion Ratio Lower Upper

184 100

185 17.4 11.6 17.4#

183 6.6 8.8 13.2#

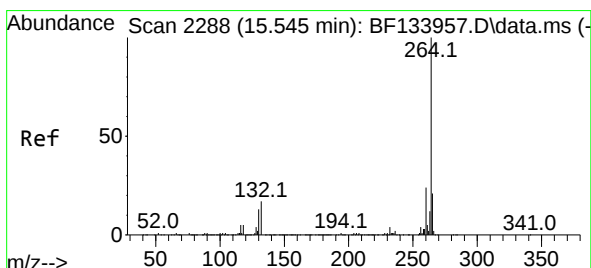
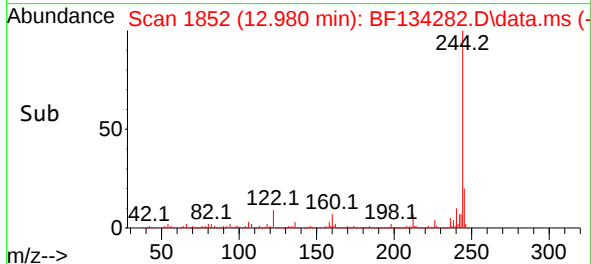
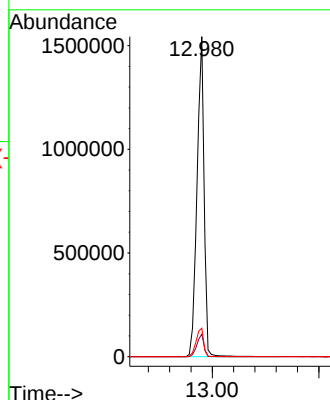
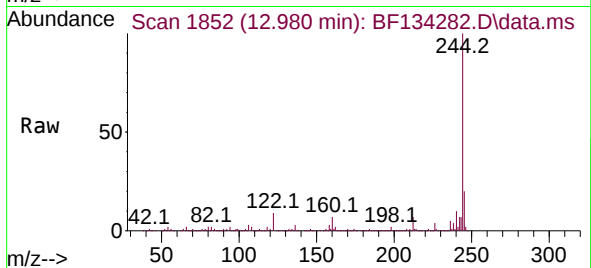




#79
 Terphenyl-d14
 Concen: 76.690 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF134282.D
 Acq: 14 Jul 2023 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB154160BL

Tgt Ion:244 Resp: 1426730
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF134282.D
 Acq: 14 Jul 2023 10:16

Tgt Ion:264 Resp: 312848
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 16.6 25.0

