

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134098.D
 Acq On : 06 Jul 2023 15:00
 Operator : CG\JU
 Sample : 03021-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:10:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

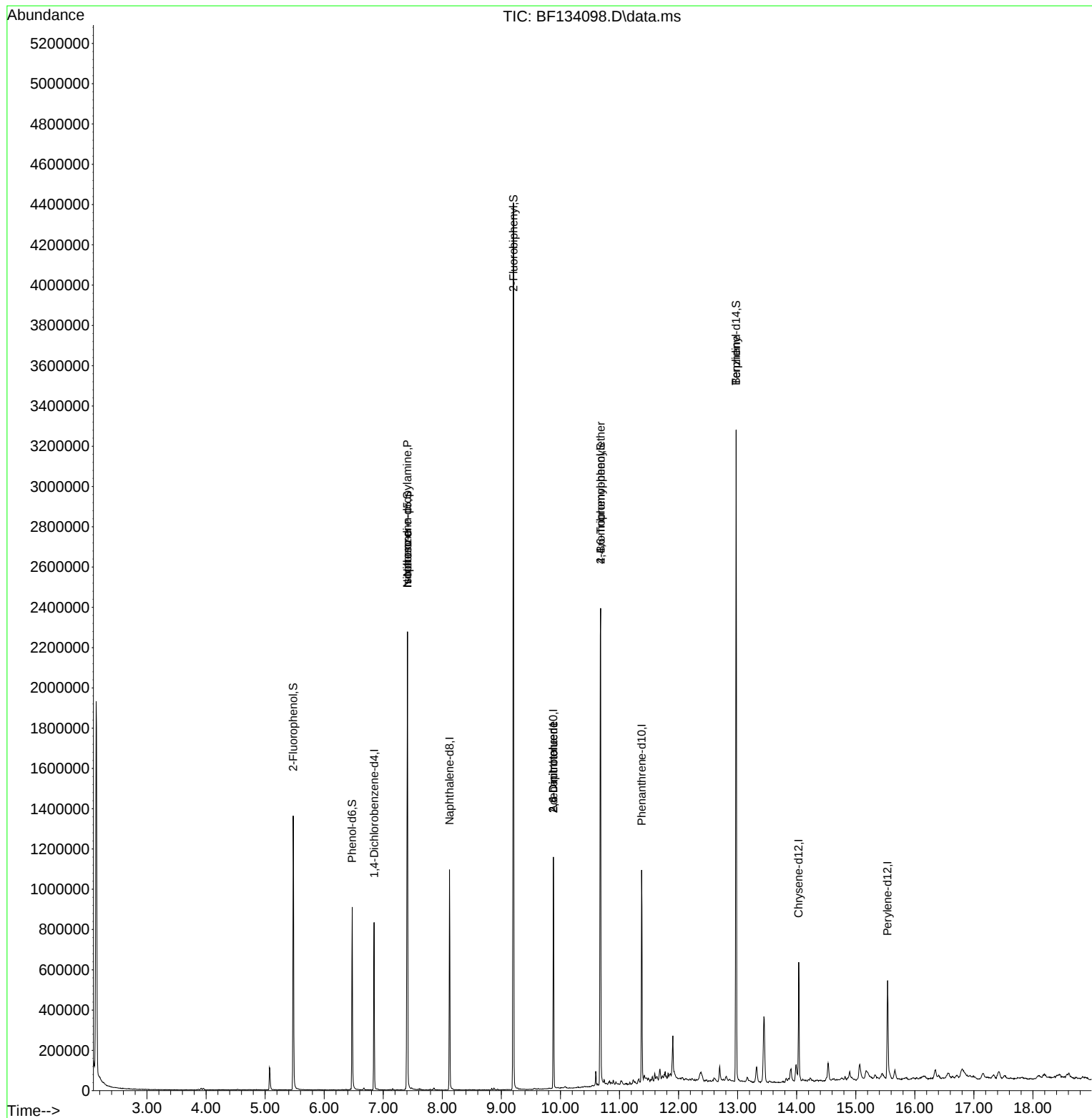
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	113831	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	429911	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	214773	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	385942	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	192830	20.000	ng	-0.02
86) Perylene-d12	15.539	264	237343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	347412	51.053	ng	-0.01
7) Phenol-d6	6.475	99	256025	30.593	ng	-0.02
23) Nitrobenzene-d5	7.410	82	698345	87.564	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	312489	116.045	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1263719	85.547	ng	0.00
79) Terphenyl-d14	12.974	244	1095177	91.407	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	108	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	96700	18.221	ng	# 78
25) Isophorone	7.410	82	698340	48.180	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	27158	8.088	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	27158	6.124	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	19994	4.874	ng	# 1
77) Benizidine	12.974	184	16013	3.490	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
Data File : BF134098.D
Acq On : 06 Jul 2023 15:00
Operator : CG\JU
Sample : 03021-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

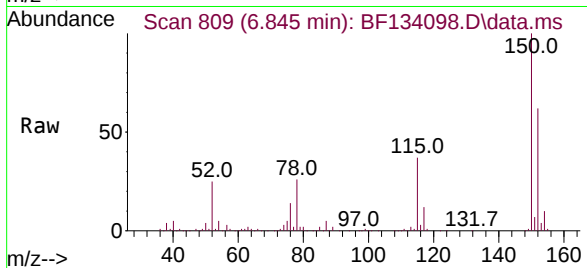
Quant Time: Jul 07 01:10:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



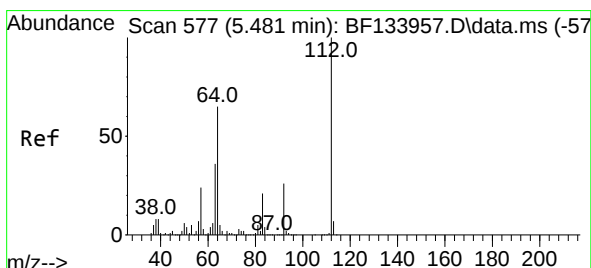
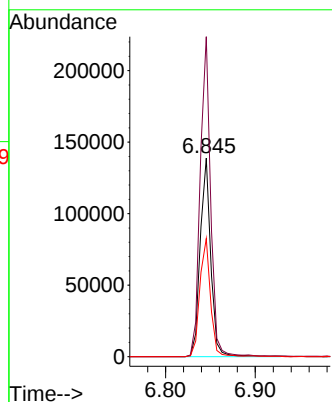
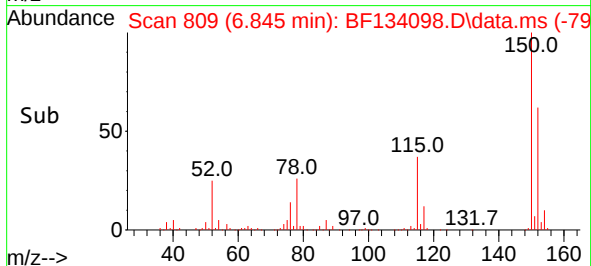


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

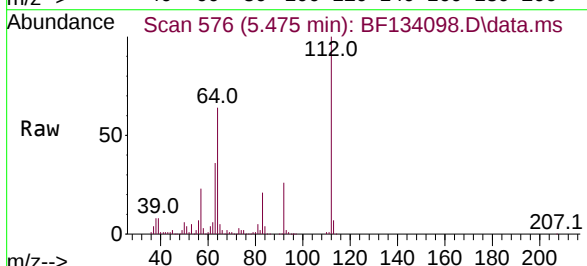
Instrument :
BNA_F
ClientSampleId :



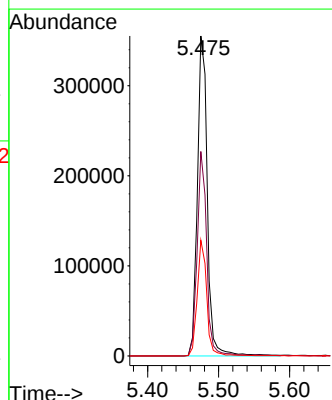
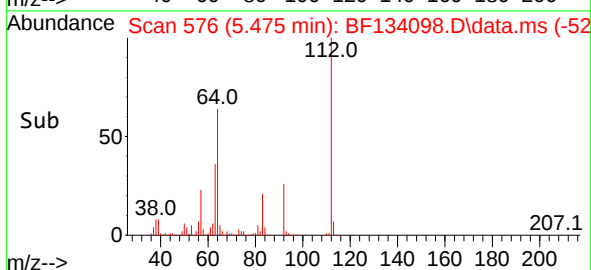
Tgt Ion:152 Resp: 113831
Ion Ratio Lower Upper
152 100
150 161.1 124.5 186.7
115 59.4 50.2 75.2

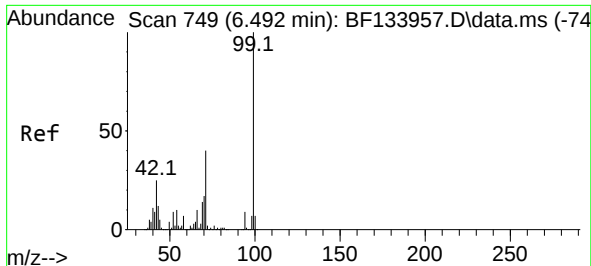


#5
2-Fluorophenol
Concen: 51.053 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00



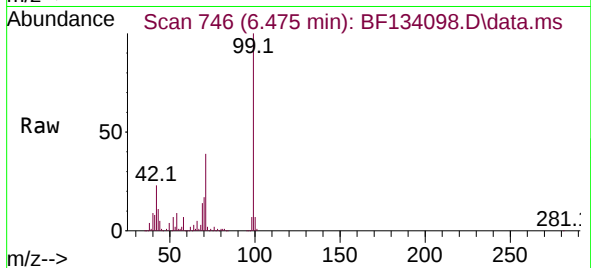
Tgt Ion:112 Resp: 347412
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.1 28.6 42.8



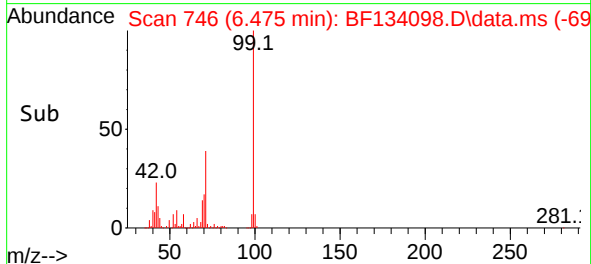
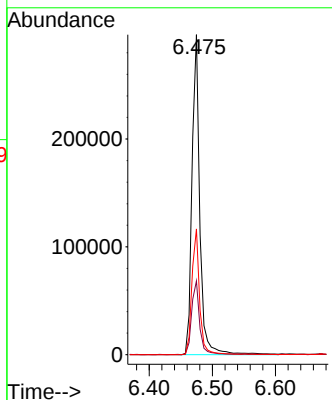


#7
Phenol-d6
Concen: 30.593 ng
RT: 6.475 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Instrument :
BNA_F
ClientSampleId :

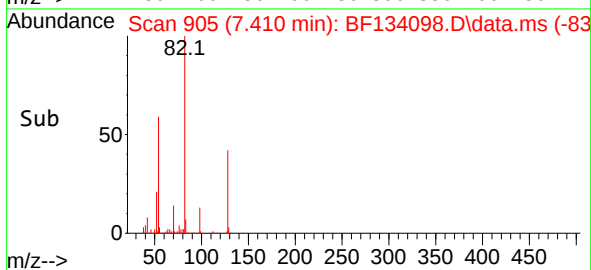
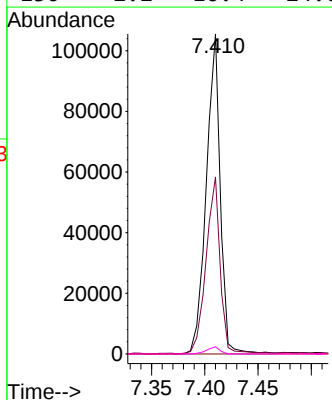
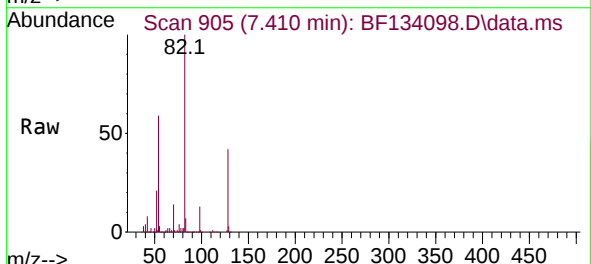


Tgt Ion: 99 Resp: 256025
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 39.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.221 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

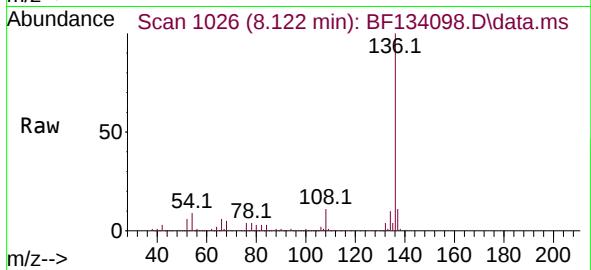
Tgt Ion: 70 Resp: 96700
Ion Ratio Lower Upper
70 100
42 55.3 54.7 82.1
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



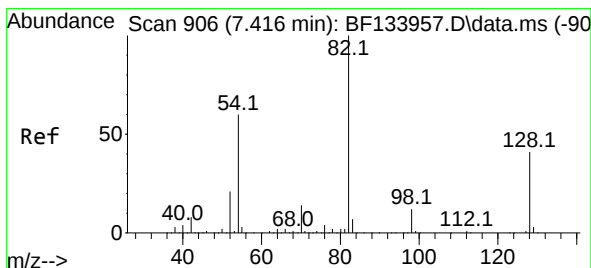
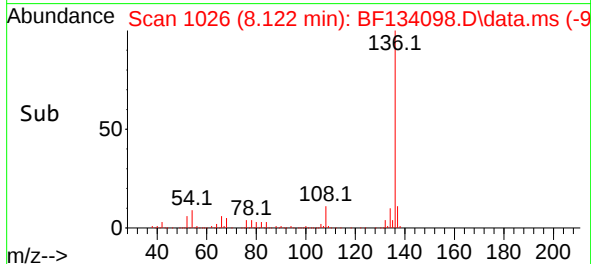
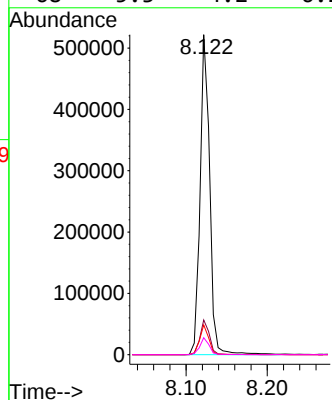


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Instrument :
BNA_F
ClientSampleId :

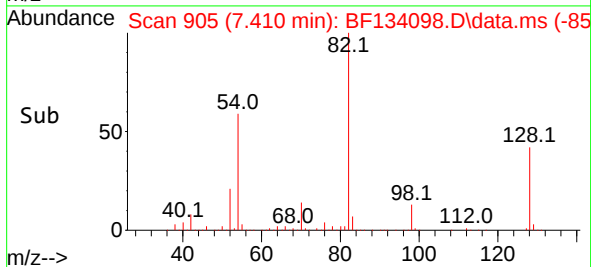
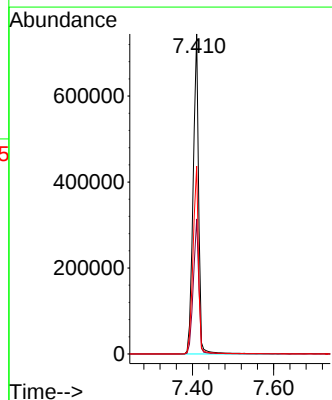
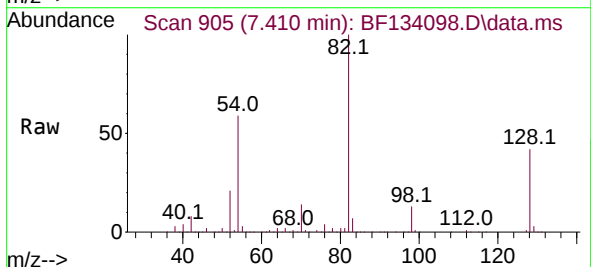


Tgt Ion:136 Resp: 429911
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 6.5 9.7
68 5.3 4.2 6.2



#23
Nitrobenzene-d5
Concen: 87.564 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Tgt Ion: 82 Resp: 698345
Ion Ratio Lower Upper
82 100
128 42.2 32.5 48.7
54 58.7 48.2 72.2

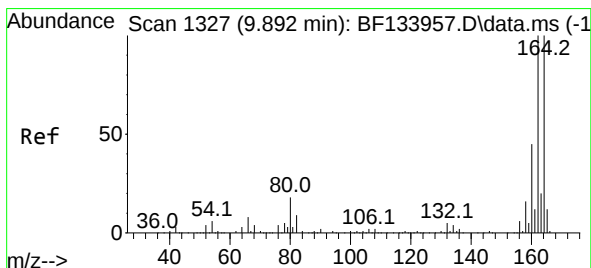
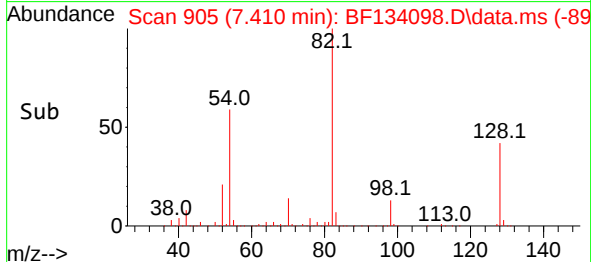
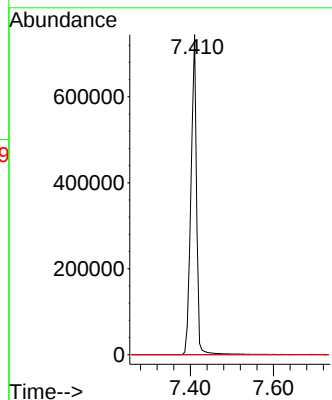
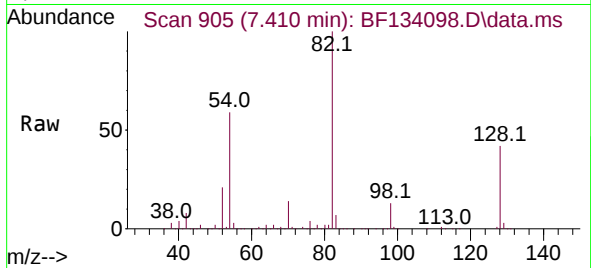




#25
Isophorone
Concen: 48.180 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

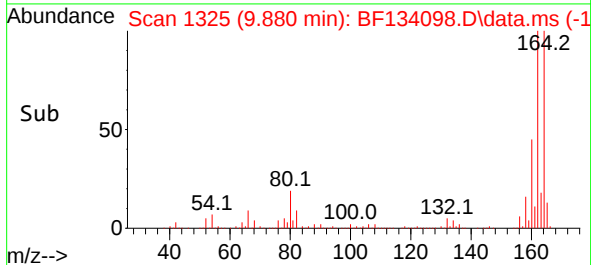
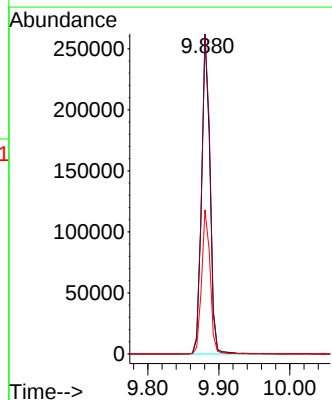
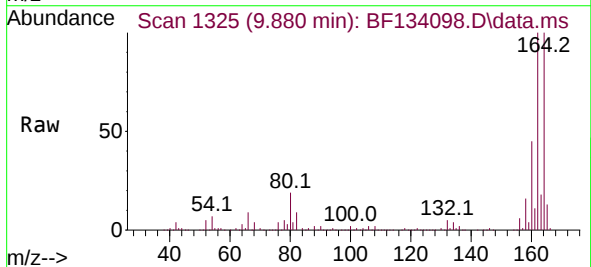
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 698340
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: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

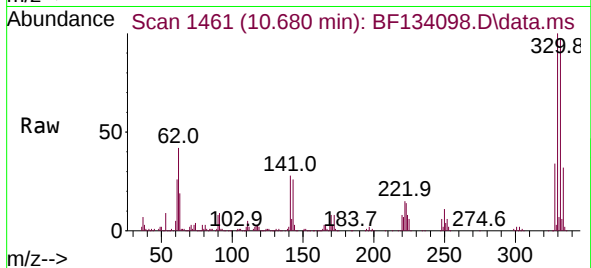
Tgt Ion: 164 Resp: 214773
Ion Ratio Lower Upper
164 100
162 99.9 80.0 120.0
160 45.0 35.9 53.9



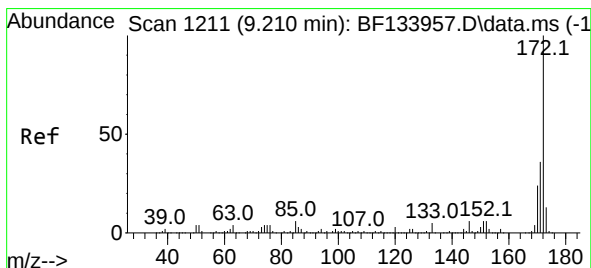
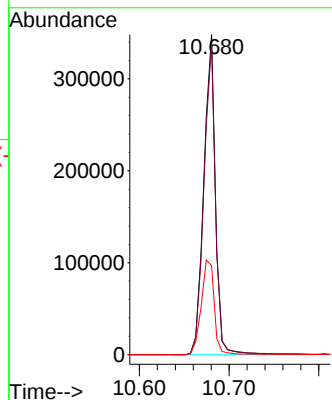
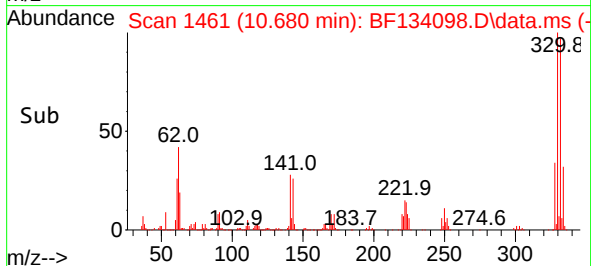


#42
2,4,6-Tribromophenol
Concen: 116.045 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

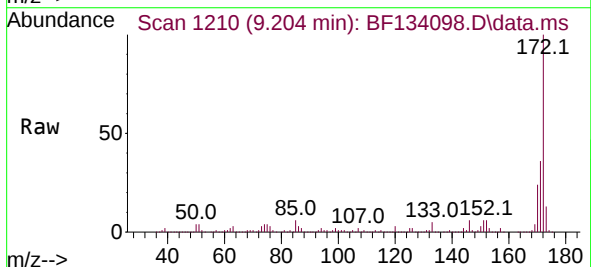
Instrument :
BNA_F
ClientSampleId :



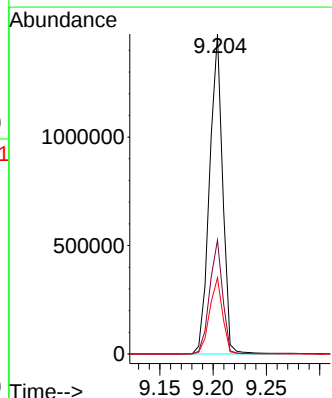
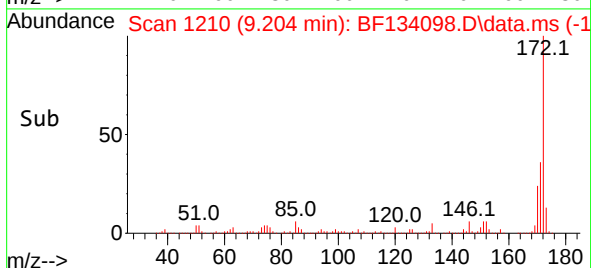
Tgt Ion:330 Resp: 312489
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.547 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00



Tgt Ion:172 Resp: 1263719
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.088 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134098.D

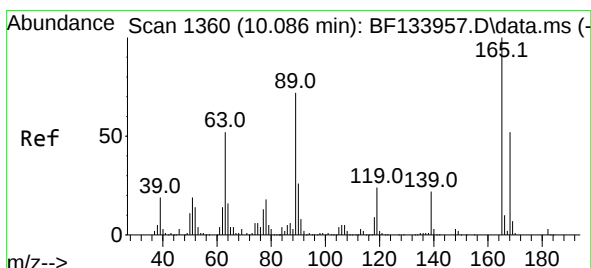
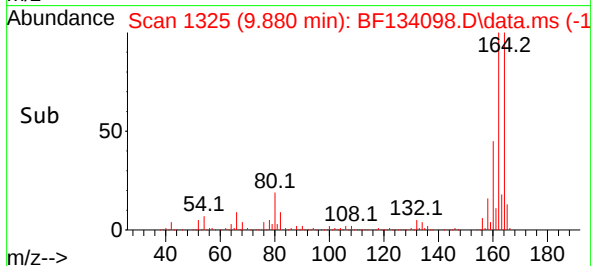
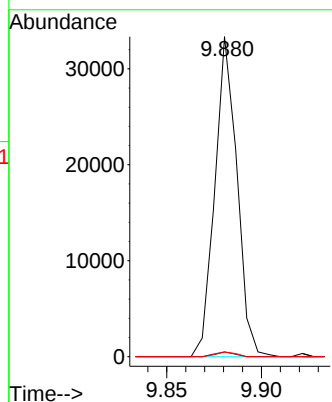
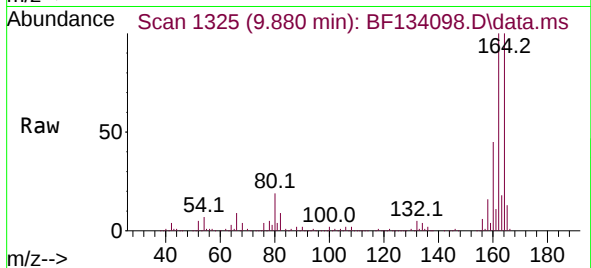
Acq: 06 Jul 2023 15:00

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	27158
Ion Ratio	Lower	Upper
165	100	
63	1.5	48.5 72.7#
89	1.5	45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.124 ng

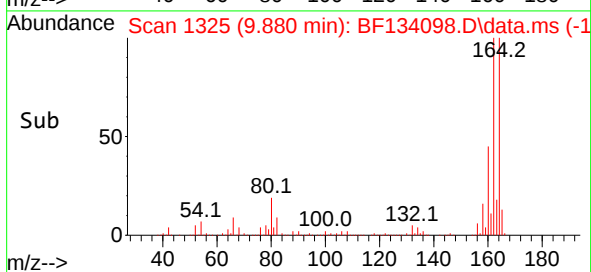
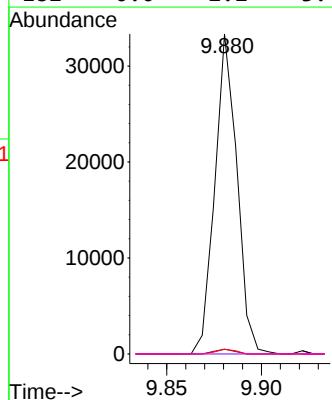
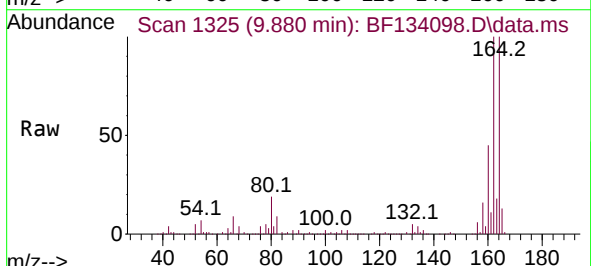
RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

Tgt Ion:165	Resp:	27158
Ion Ratio	Lower	Upper
165	100	
63	1.5	42.2 63.2#
89	1.5	57.4 86.2#
182	0.0	2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

Instrument :

BNA_F

ClientSampleId :

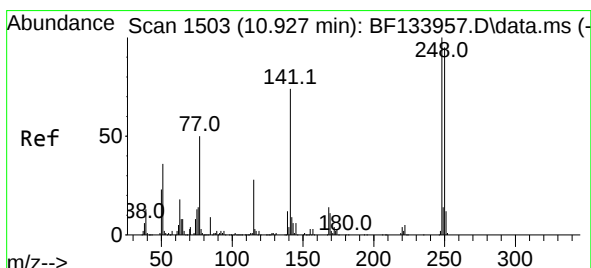
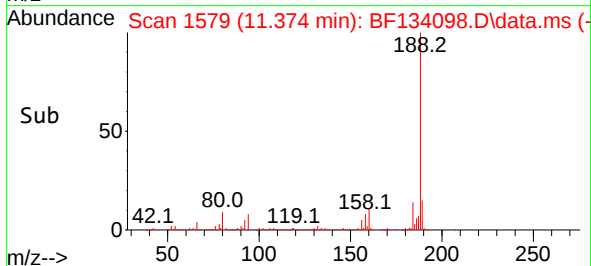
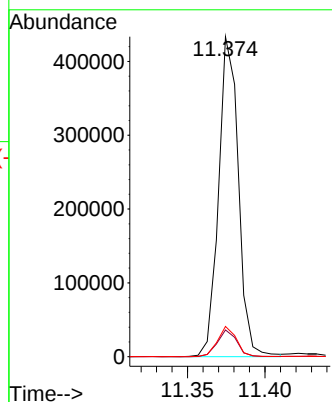
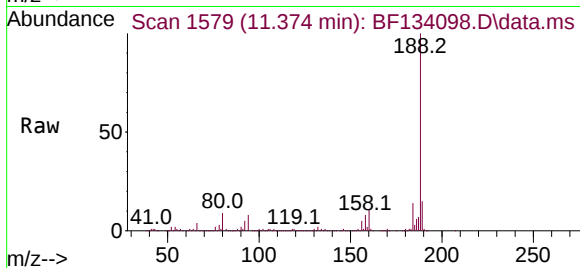
Tgt Ion:188 Resp: 385942

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.874 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

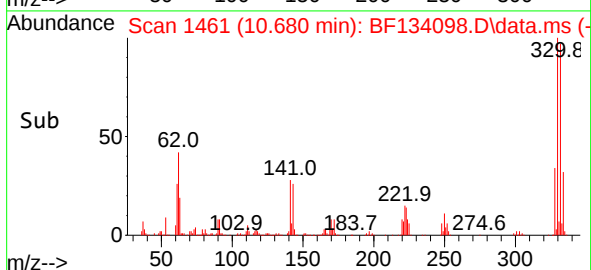
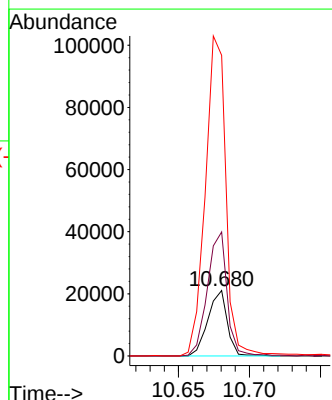
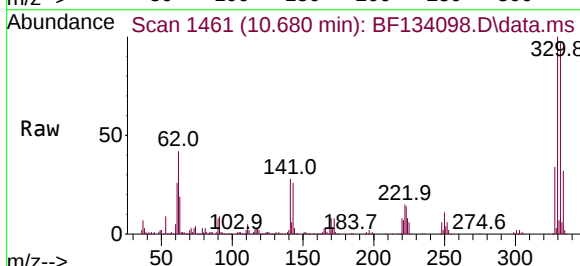
Tgt Ion:248 Resp: 19994

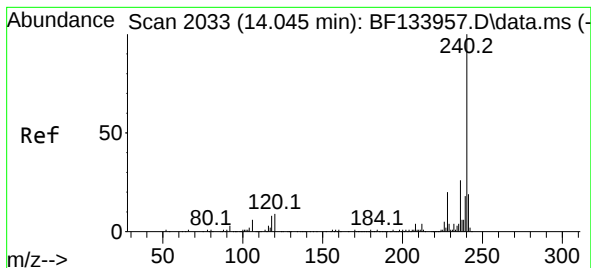
Ion Ratio Lower Upper

248 100

250 189.4 76.2 114.4#

141 459.1 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.018 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

Instrument :

BNA_F

ClientSampleId :

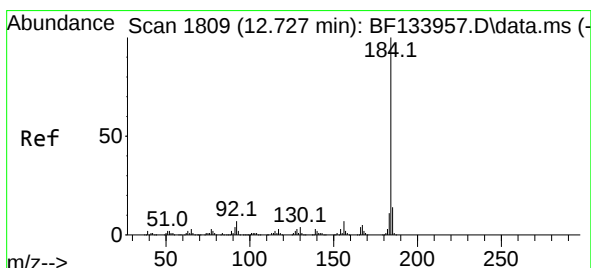
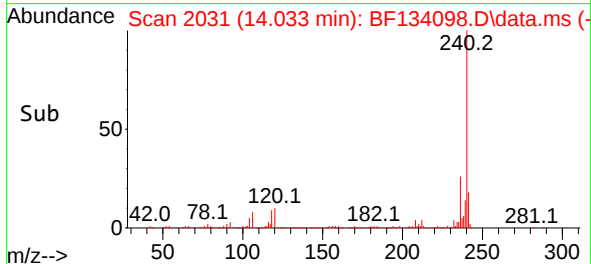
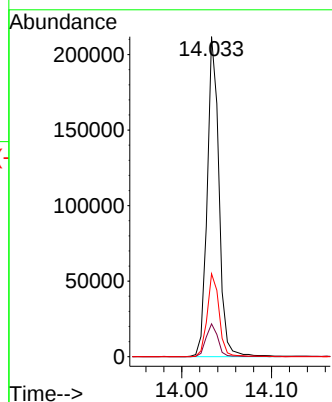
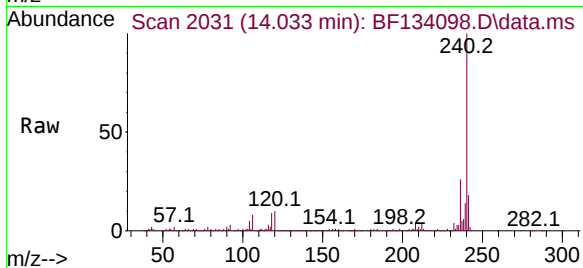
Tgt Ion:240 Resp: 192830

Ion Ratio Lower Upper

240 100

120 10.3 7.4 11.0

236 25.9 21.0 31.6



#77

Benidine

Concen: 3.490 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

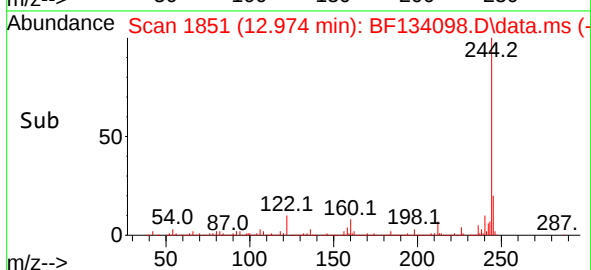
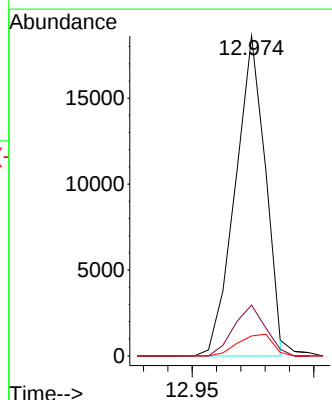
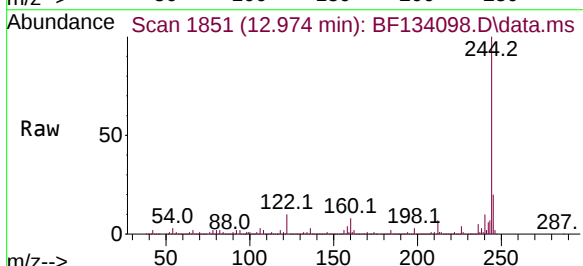
Tgt Ion:184 Resp: 16013

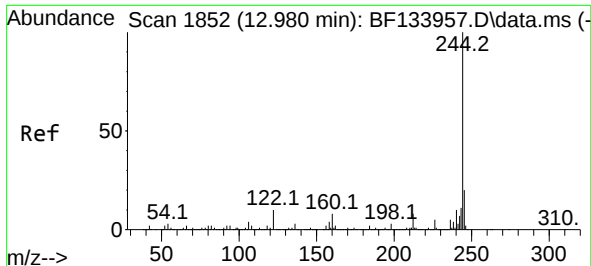
Ion Ratio Lower Upper

184 100

185 15.9 11.6 17.4

183 6.2 8.8 13.2#

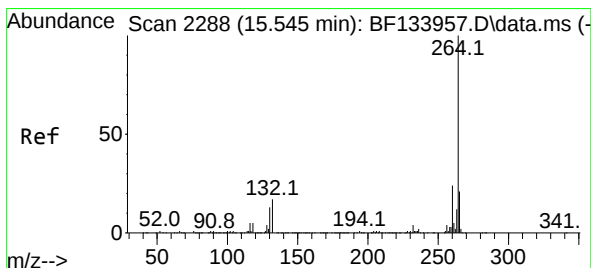
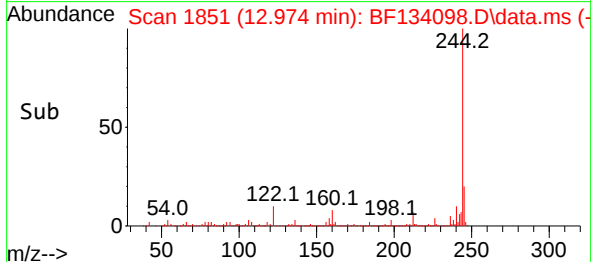
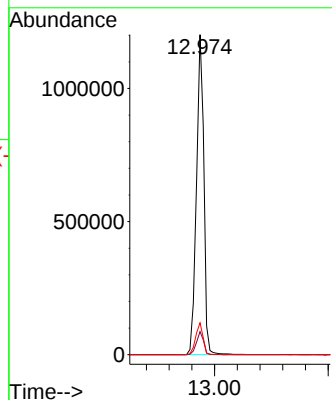
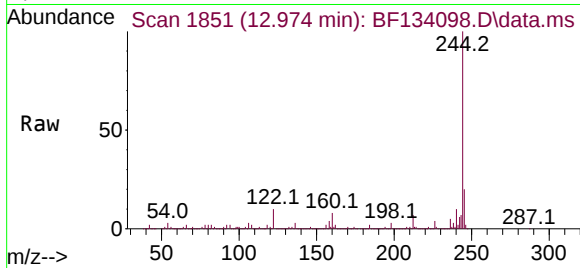




#79
 Terphenyl-d14
 Concen: 91.407 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134098.D
 Acq: 06 Jul 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1095177
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134098.D
 Acq: 06 Jul 2023 15:00

Tgt Ion:264 Resp: 237343
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.3 16.6 25.0

