

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138813.D
 Acq On : 06 Aug 2024 18:29
 Operator : RC/JU
 Sample : PB162473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162473BL

Quant Time: Aug 06 19:03:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

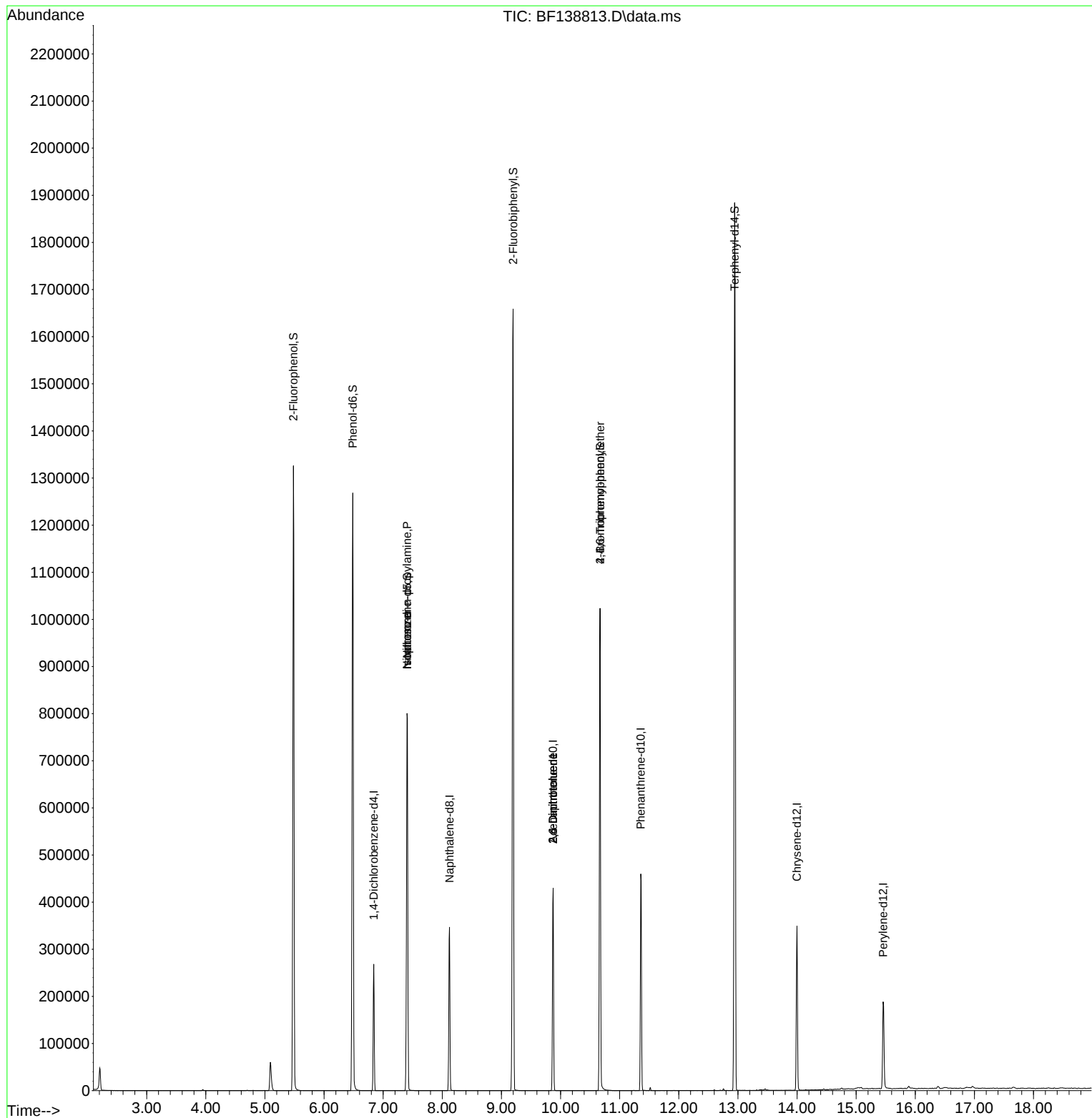
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	49996	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	216402	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	126625	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	244189	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	160053	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	110504	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	459247	141.795	ng	0.01
7) Phenol-d6	6.487	99	616171	141.699	ng	0.00
23) Nitrobenzene-d5	7.404	82	391471	88.444	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	161647	155.845	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	763775	90.627	ng	0.00
79) Terphenyl-d14	12.945	244	961244	100.553	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	54209	20.640	ng	# 76
25) Isophorone	7.404	82	388687	51.428	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	16604	9.087	ng	# 20
57) 2,4-Dinitrotoluene	9.875	165	16604	7.122	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	11464	4.336	ng	# 1

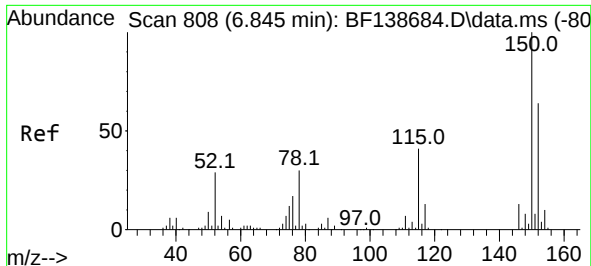
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

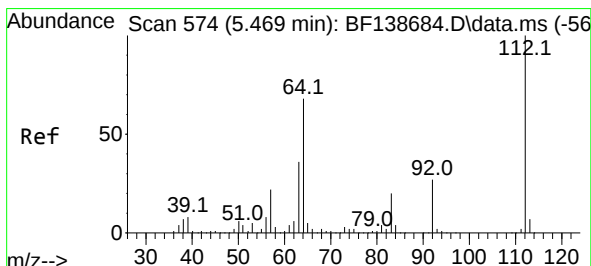
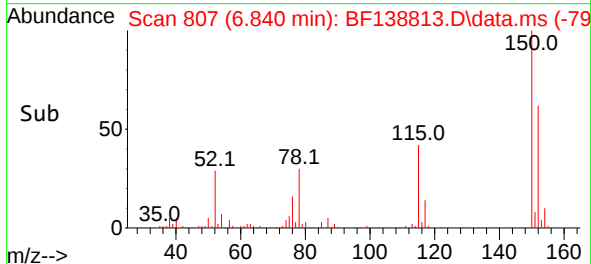
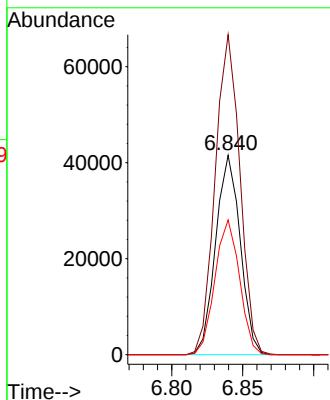
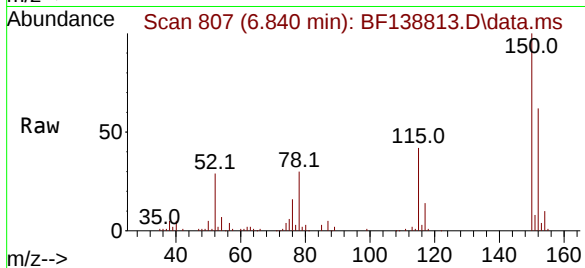




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

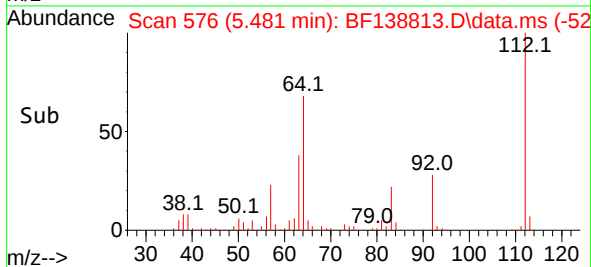
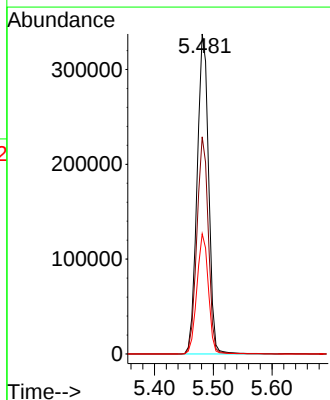
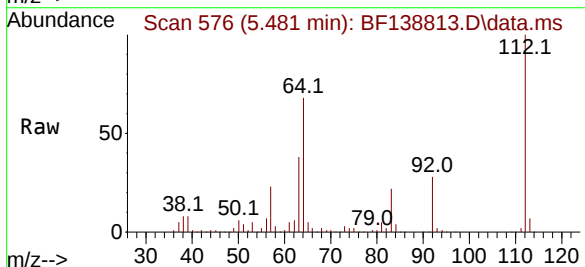
Instrument :
BNA_F
ClientSampleId :
PB162473BL

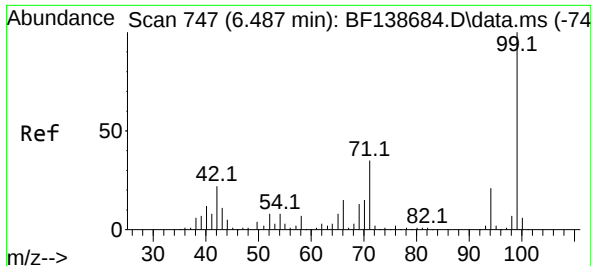
Tgt Ion:152 Resp: 49996
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 141.795 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:112 Resp: 459247
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.5 28.7 43.1

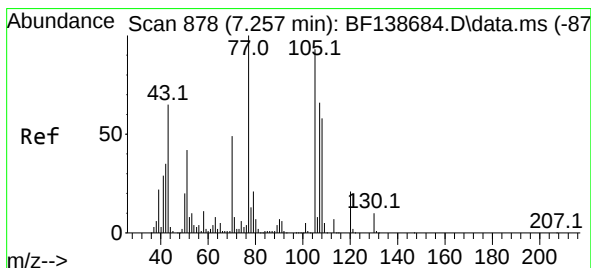
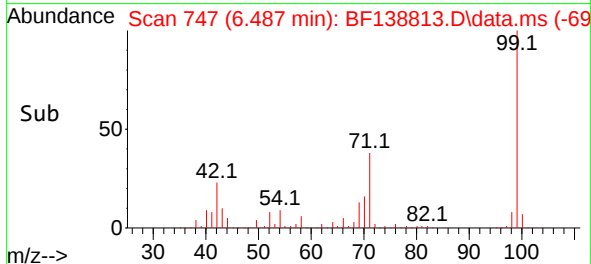
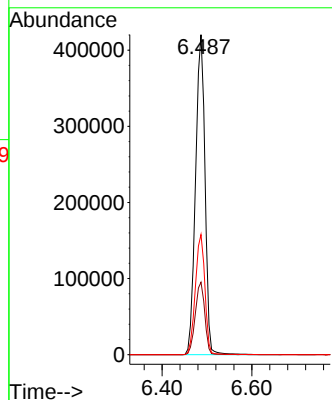
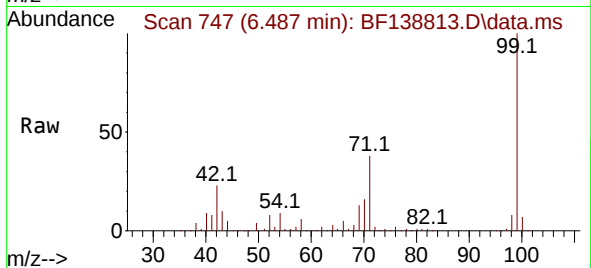




#7
Phenol-d6
Concen: 141.699 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

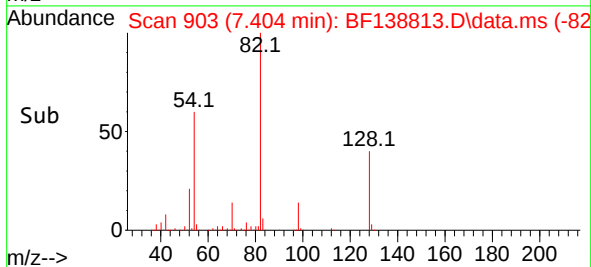
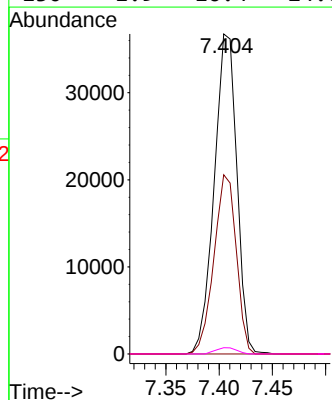
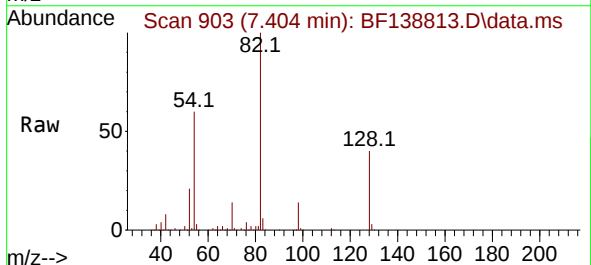
Instrument :
BNA_F
ClientSampleId :
PB162473BL

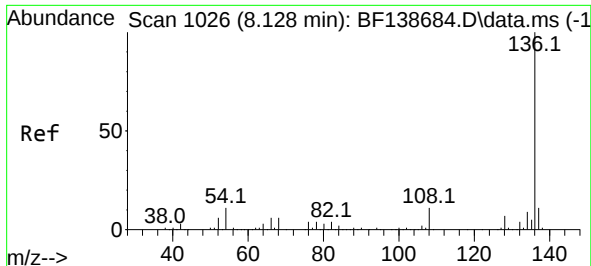
Tgt Ion: 99 Resp: 616171
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 37.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.640 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion: 70 Resp: 54209
Ion Ratio Lower Upper
70 100
42 56.0 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

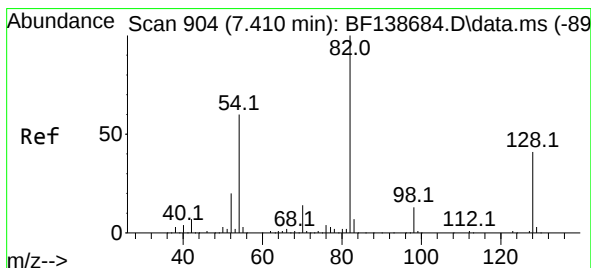
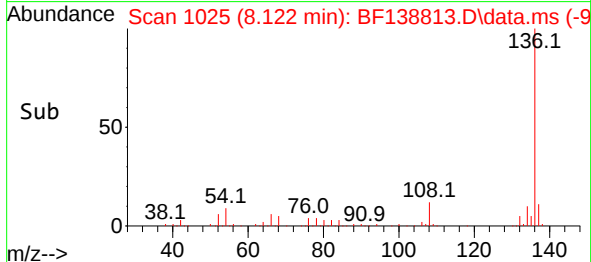
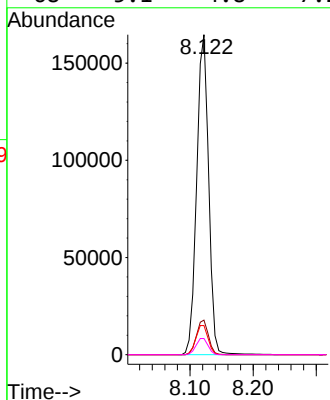
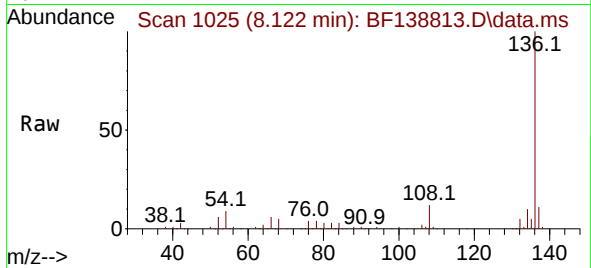




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

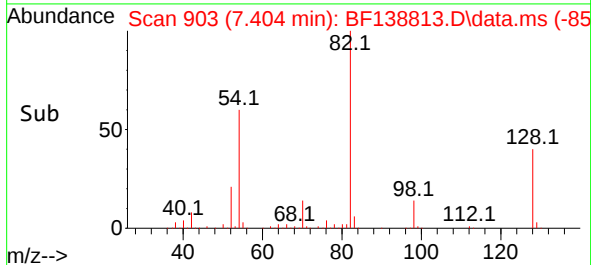
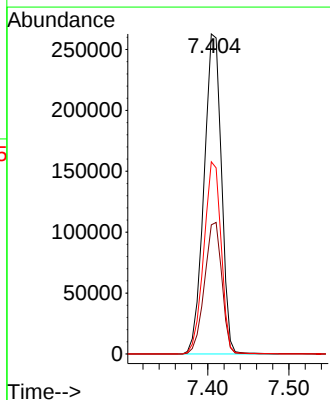
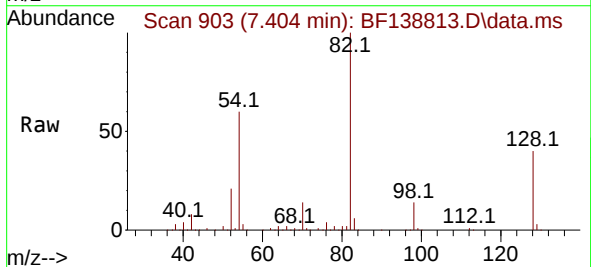
Instrument :
BNA_F
ClientSampleId :
PB162473BL

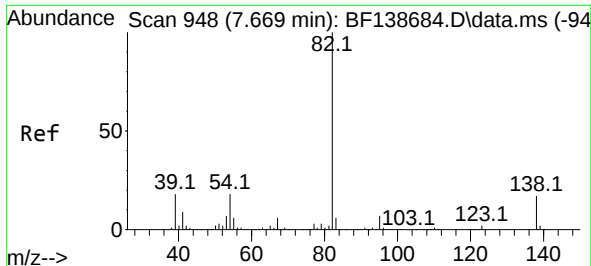
Tgt Ion:136	Resp: 216402
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 9.1	8.6 12.8
68 5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 88.444 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion: 82	Resp: 391471
Ion Ratio	Lower Upper
82 100	
128 40.3	32.8 49.2
54 60.1	48.3 72.5

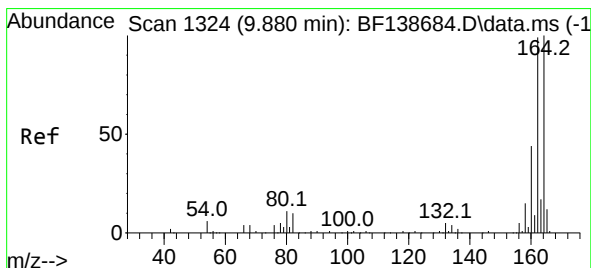
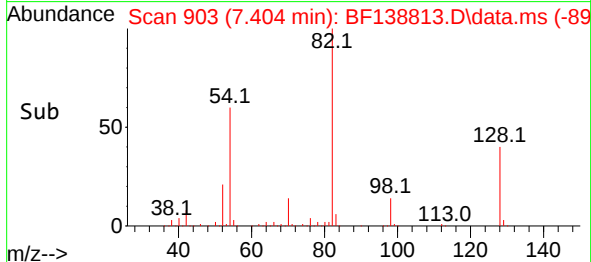
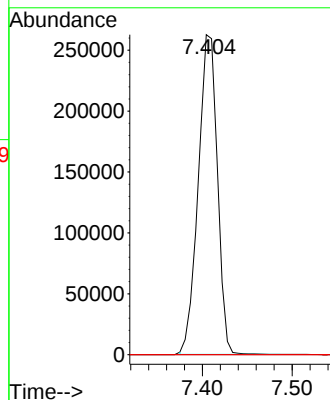
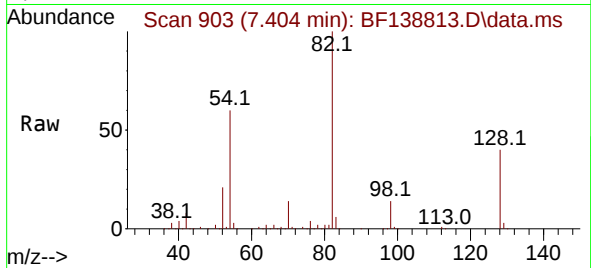




#25
Isophorone
Concen: 51.428 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

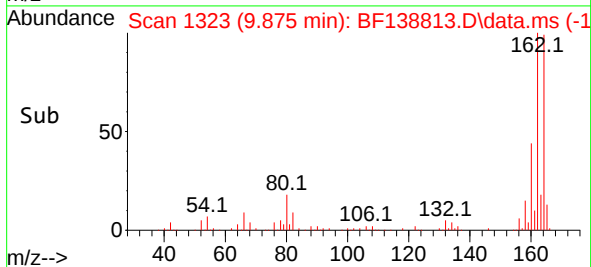
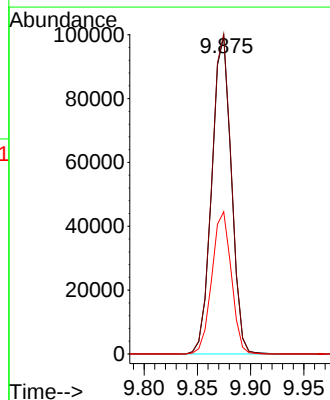
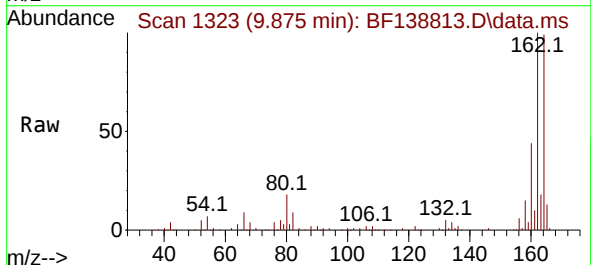
Instrument :
BNA_F
ClientSampleId :
PB162473BL

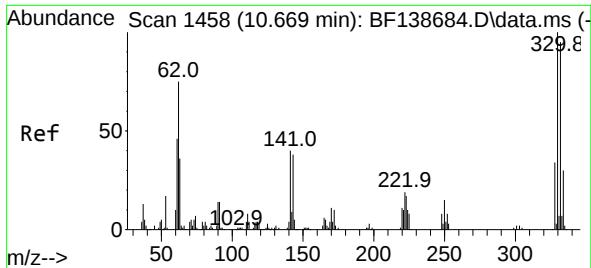
Tgt Ion: 82 Resp: 388687
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:164 Resp: 126625
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.0
160 44.8 35.1 52.7

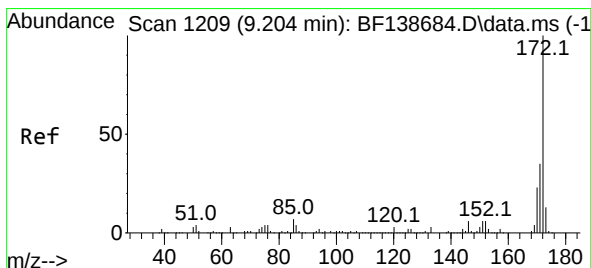
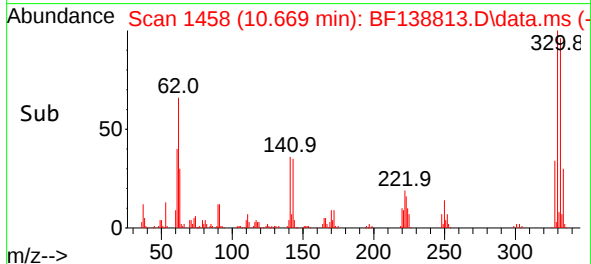
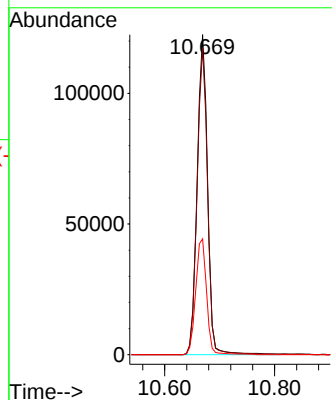
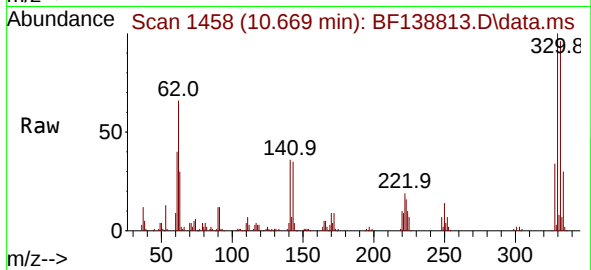




#42
2,4,6-Tribromophenol
Concen: 155.845 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

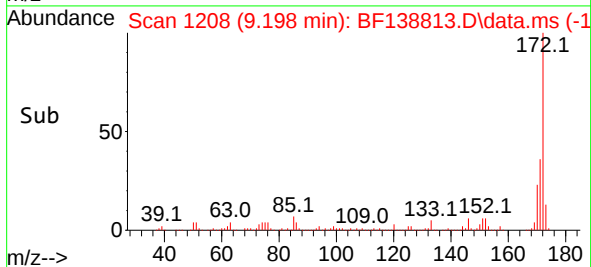
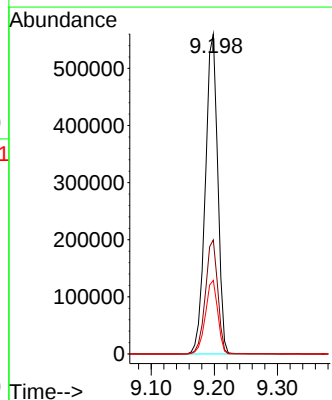
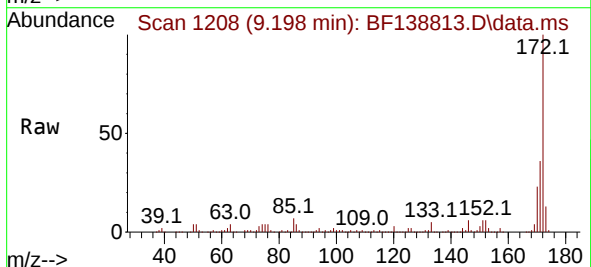
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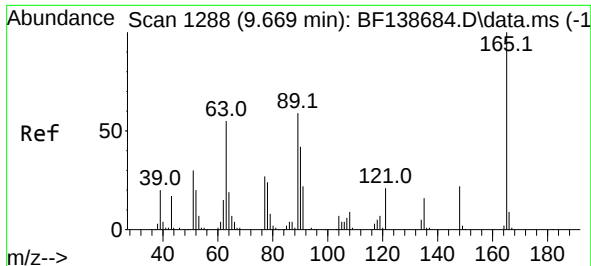
Tgt Ion:330 Resp: 161647
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 37.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 90.627 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:172 Resp: 763775
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.0 18.8 28.2

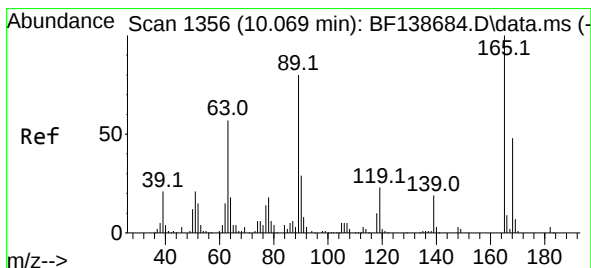
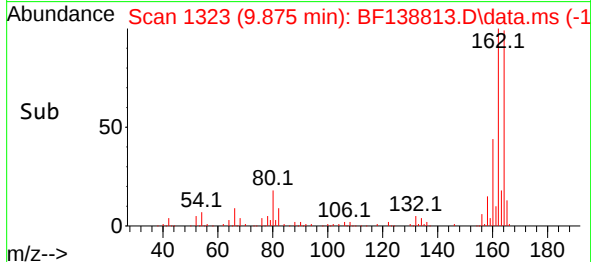
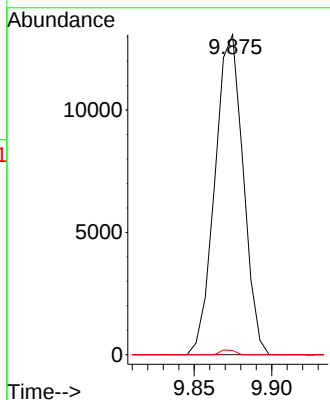
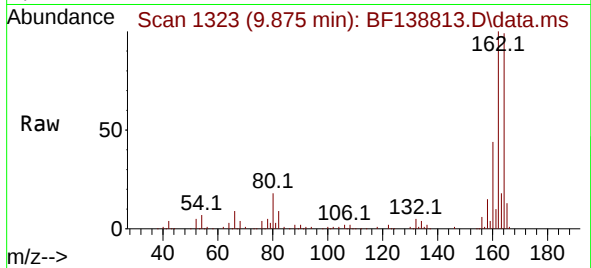




#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

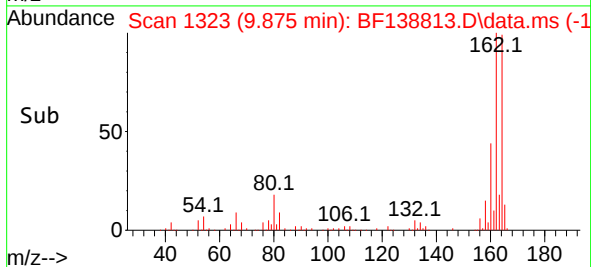
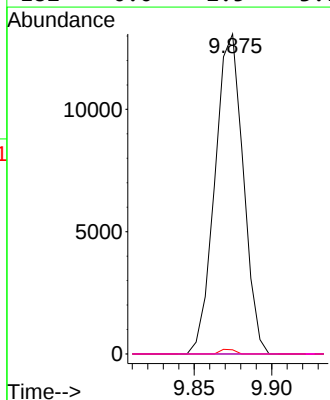
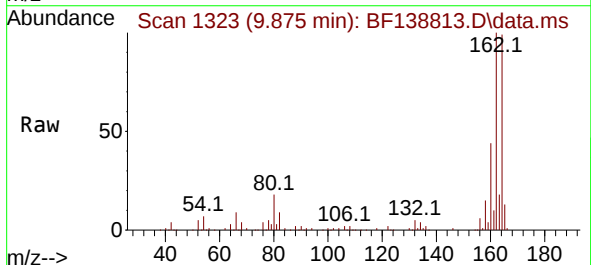
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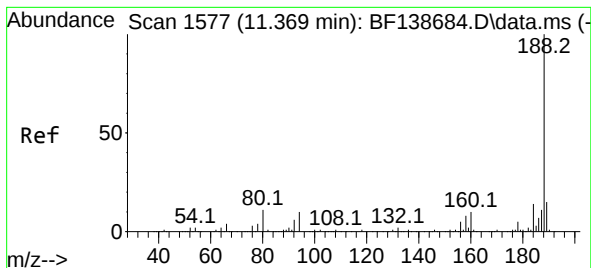
Tgt Ion:165 Resp: 16604
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.3 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.122 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:165 Resp: 16604
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.3 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138813.D

Acq: 06 Aug 2024 18:29

Instrument :

BNA_F

ClientSampleId :

PB162473BL

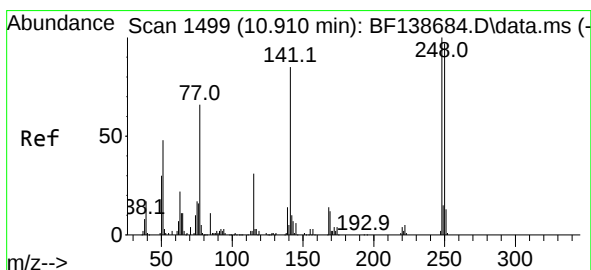
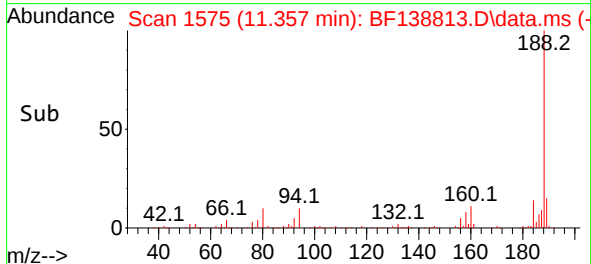
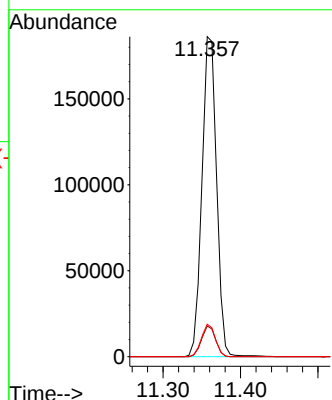
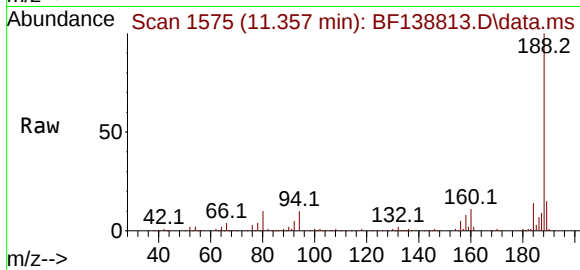
Tgt Ion:188 Resp: 244189

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.2 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.336 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138813.D

Acq: 06 Aug 2024 18:29

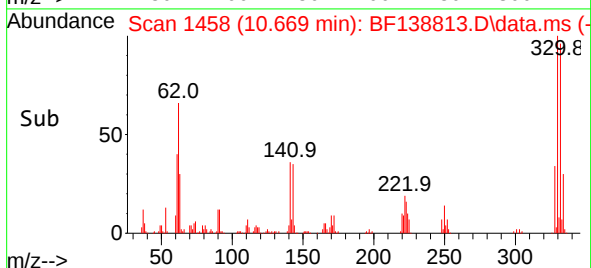
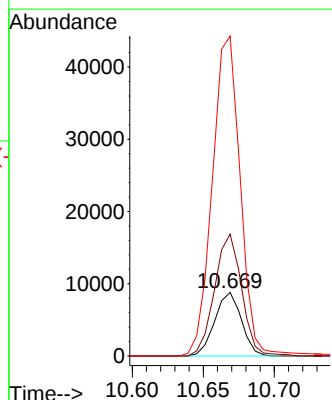
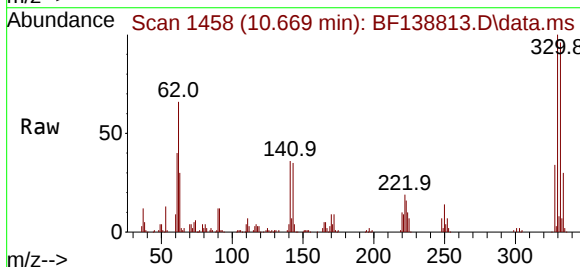
Tgt Ion:248 Resp: 11464

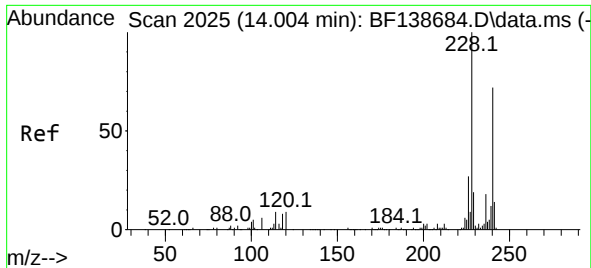
Ion Ratio Lower Upper

248 100

250 191.9 77.7 116.5#

141 504.3 68.0 102.0#

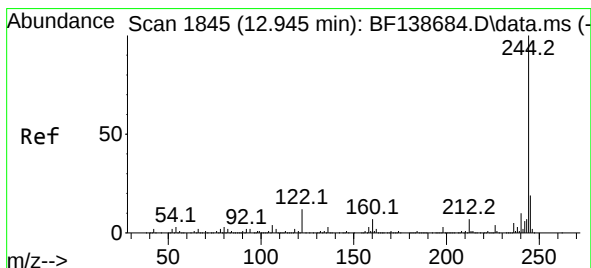
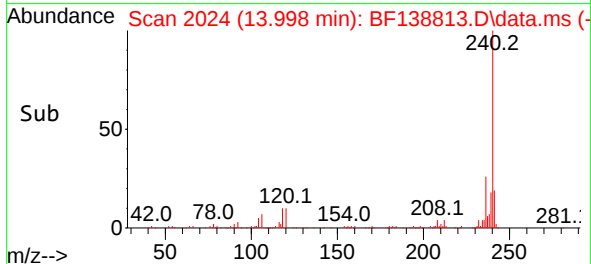
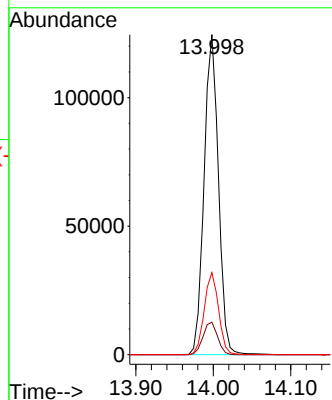
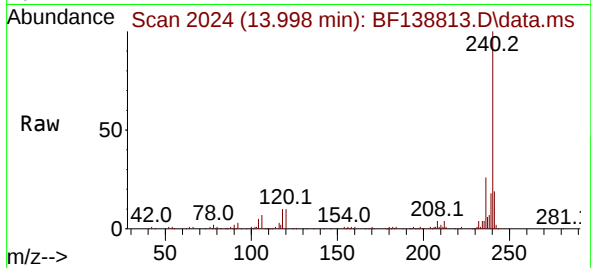




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

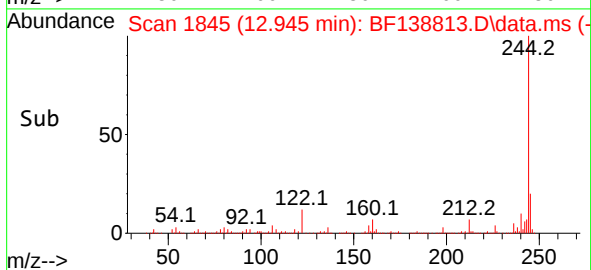
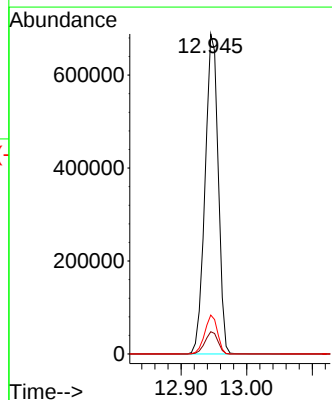
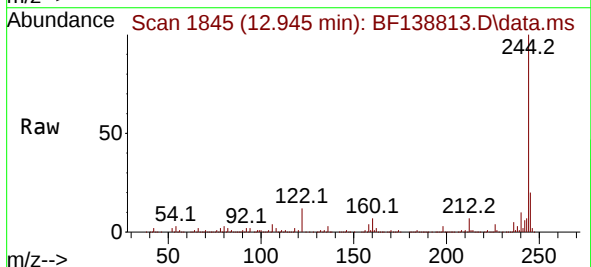
Instrument :
BNA_F
ClientSampleId :
PB162473BL

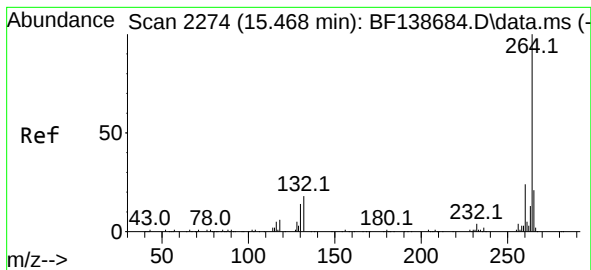
Tgt Ion:240 Resp: 160053
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.6 19.8 29.8



#79
Terphenyl-d14
Concen: 100.553 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138813.D
Acq: 06 Aug 2024 18:29

Tgt Ion:244 Resp: 961244
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 12.2 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138813.D

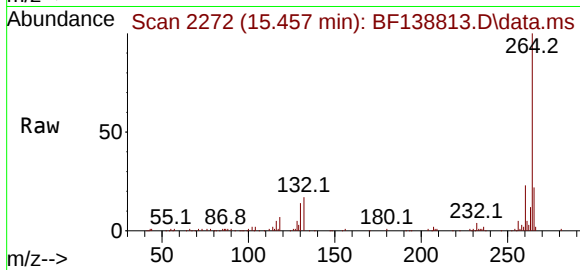
Acq: 06 Aug 2024 18:29

Instrument :

BNA_F

ClientSampleId :

PB162473BL



Tgt Ion:264 Resp: 110504

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.7 17.0 25.6

