

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138569.D
 Acq On : 15 Jul 2024 14:59
 Operator : CG\JU
 Sample : PB162012TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162012TB

Quant Time: Jul 15 15:39:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

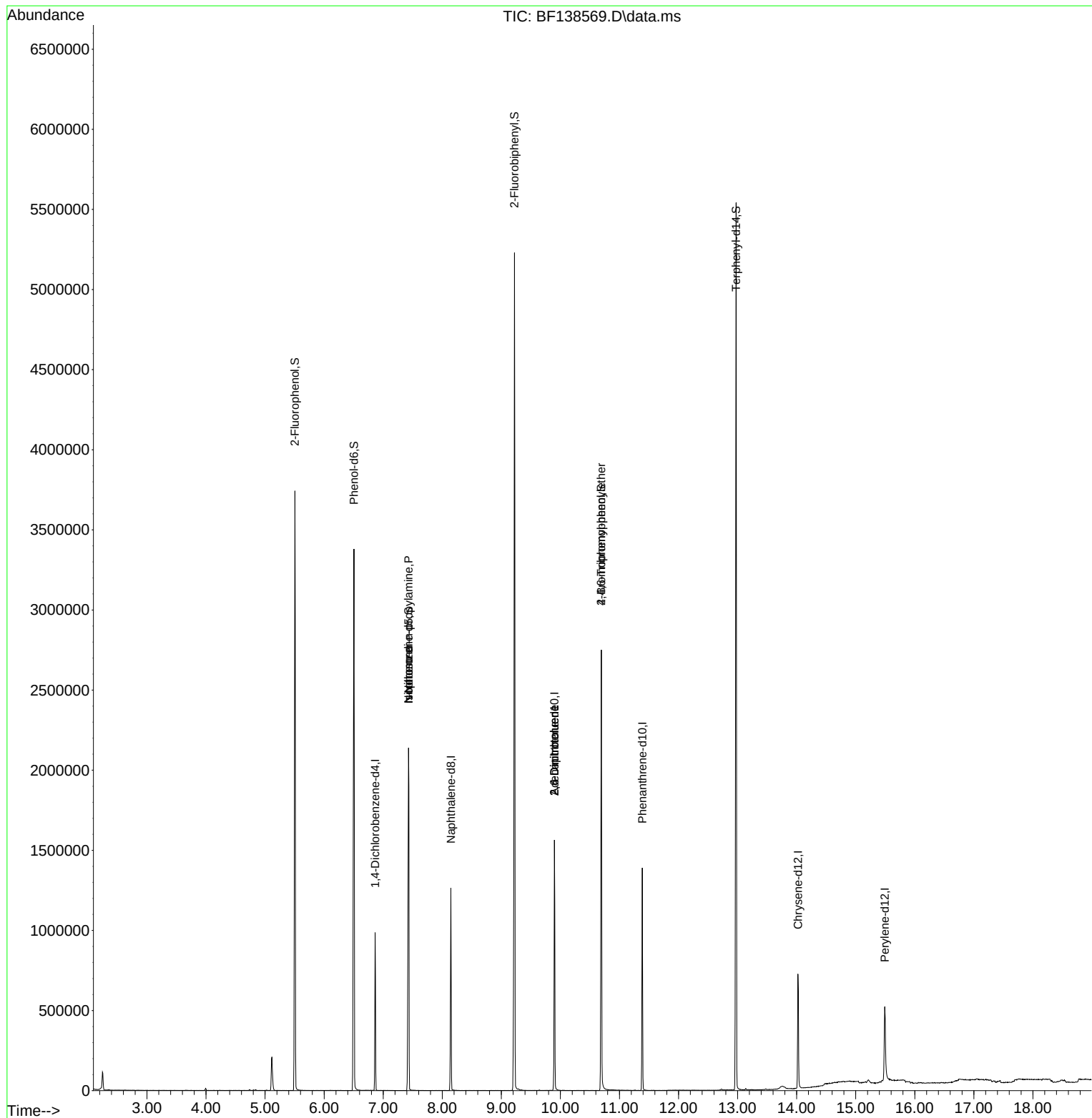
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	124599	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	502869	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	321659	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	450624	20.000	ng	0.00
76) Chrysene-d12	14.022	240	247407	20.000	ng	0.00
86) Perylene-d12	15.492	264	263328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	958547	121.839	ng	0.01
7) Phenol-d6	6.504	99	1215475	116.137	ng	0.00
23) Nitrobenzene-d5	7.428	82	807402	78.831	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	310411	103.256	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1735123	84.308	ng	0.00
79) Terphenyl-d14	12.975	244	1930054	127.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	109183	16.883	ng	# 75
25) Isophorone	7.428	82	807396	45.903	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	40302	8.416	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	40302	6.504	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	20353	4.394	ng	# 1

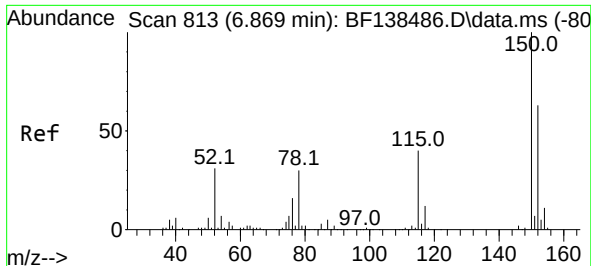
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

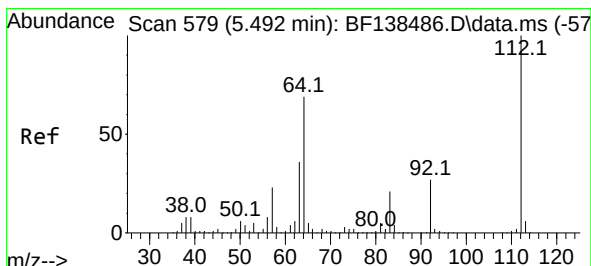
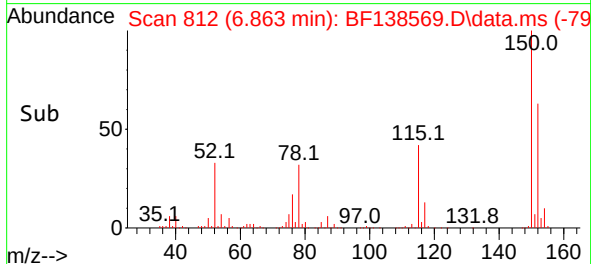
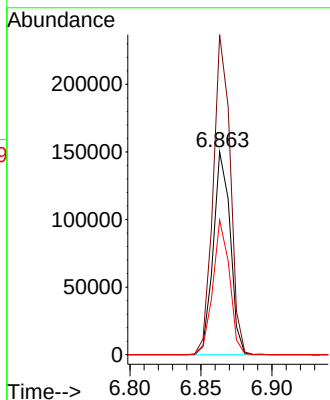
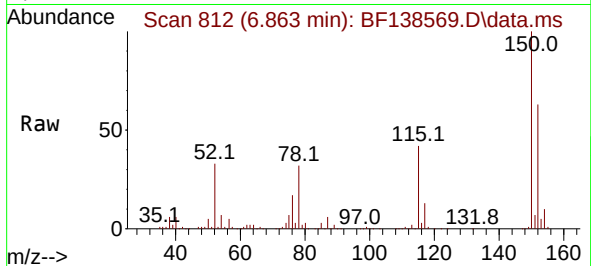




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

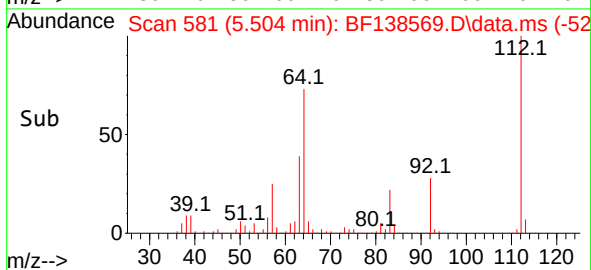
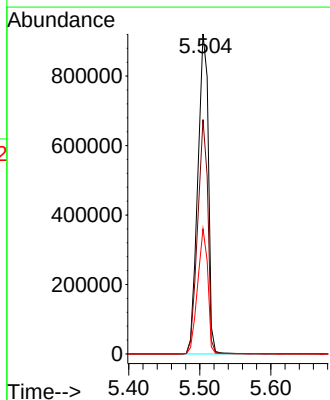
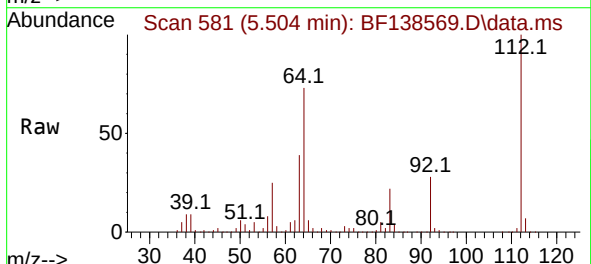
Instrument :
BNA_F
ClientSampleId :
PB162012TB

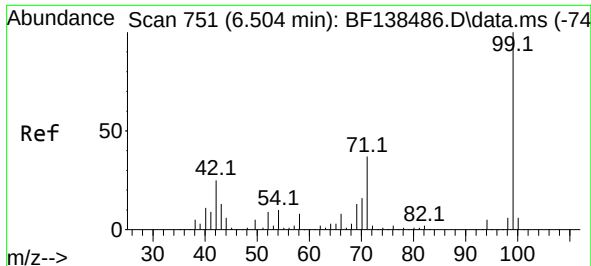
Tgt Ion:152 Resp: 124599
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 66.4 50.3 75.5



#5
2-Fluorophenol
Concen: 121.839 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion:112 Resp: 958547
Ion Ratio Lower Upper
112 100
64 73.3 55.1 82.7
63 39.1 29.0 43.6

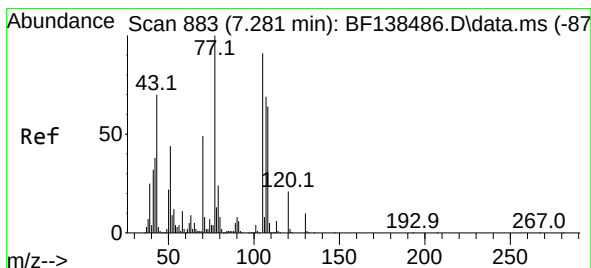
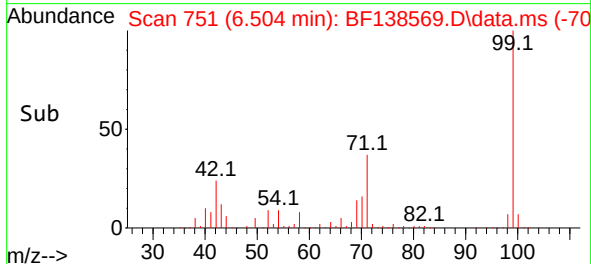
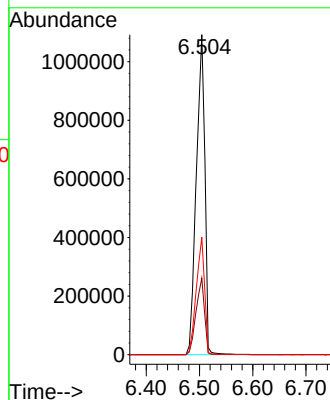
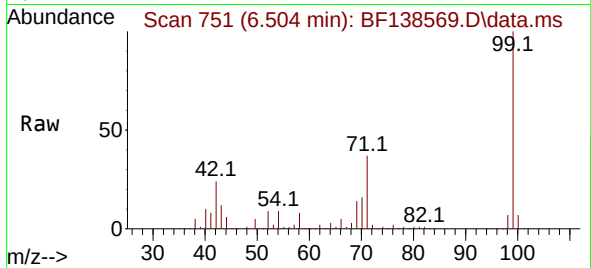




#7
Phenol-d6
Concen: 116.137 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

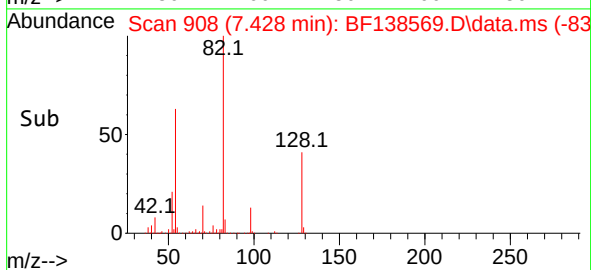
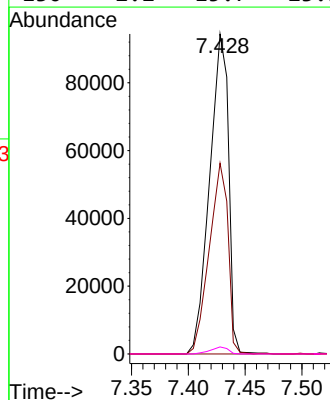
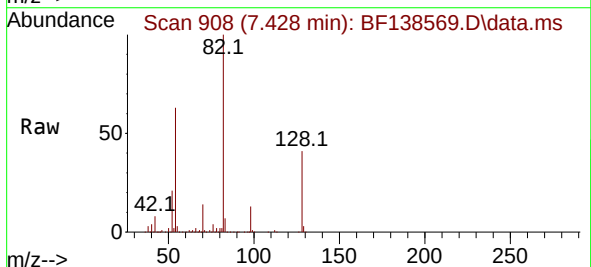
Instrument :
BNA_F
ClientSampleId :
PB162012TB

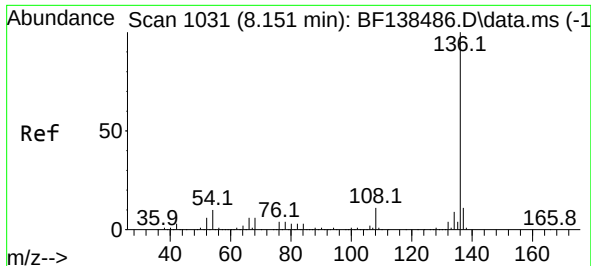
Tgt Ion: 99 Resp: 1215475
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 36.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.883 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion: 70 Resp: 109183
Ion Ratio Lower Upper
70 100
42 59.6 62.4 93.6#
101 0.0 7.2 10.8#
130 2.2 15.7 23.5#

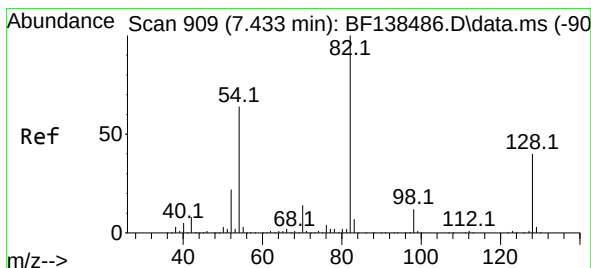
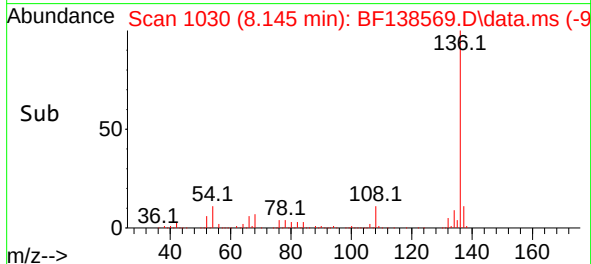
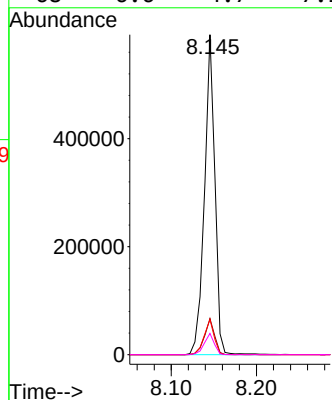
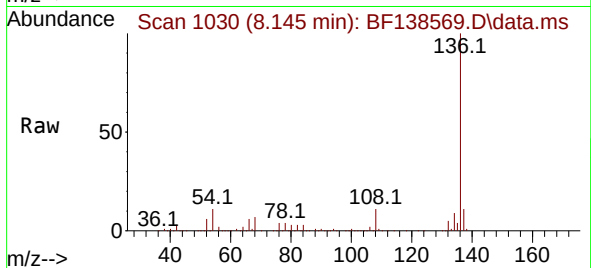




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

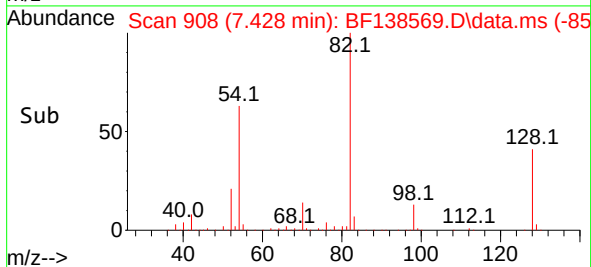
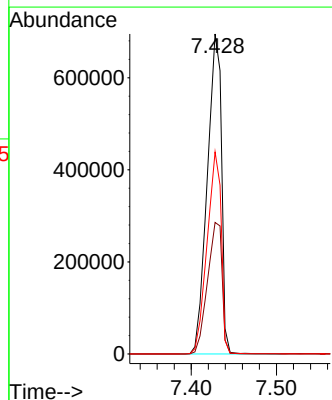
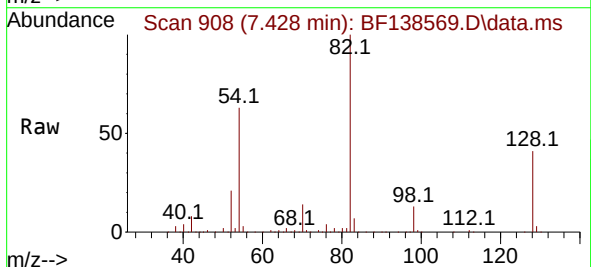
Instrument :
BNA_F
ClientSampleId :
PB162012TB

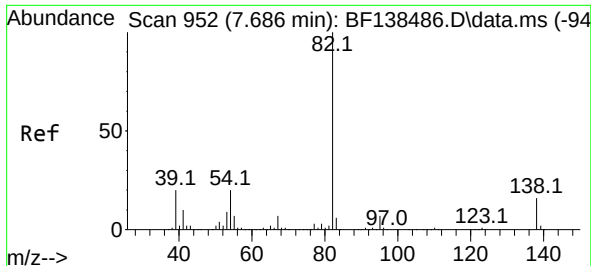
Tgt Ion:	136	Resp:	502869
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.0	8.1	12.1
68	6.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 78.831 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion:	82	Resp:	807402
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.3	48.5
54	63.1	51.4	77.0

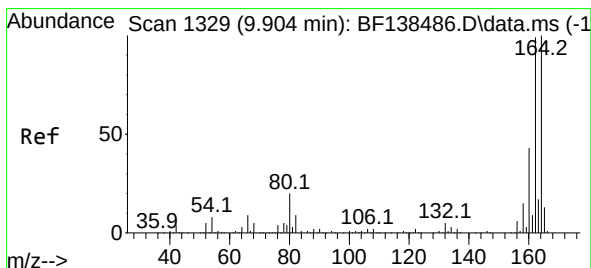
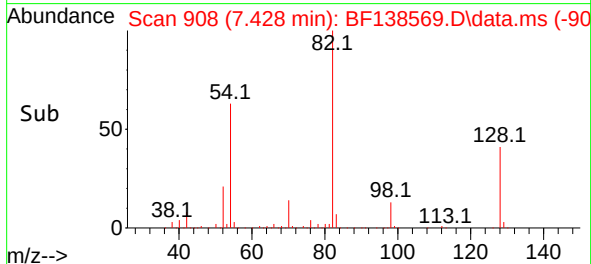
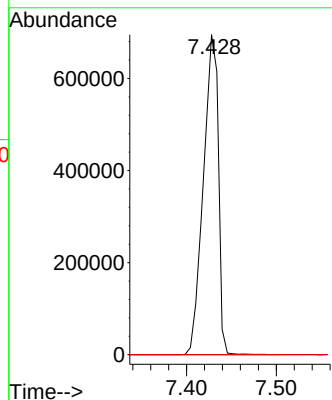
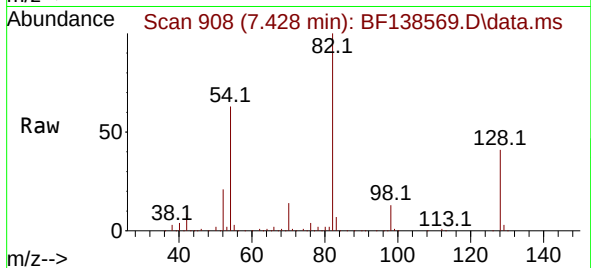




#25
Isophorone
Concen: 45.903 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

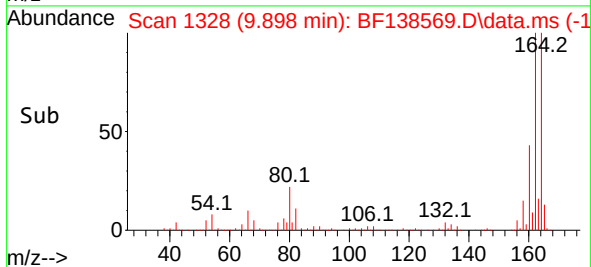
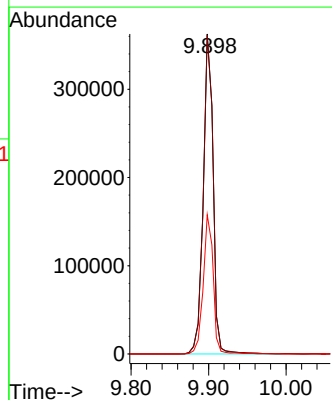
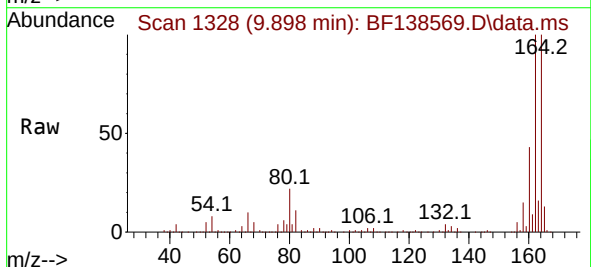
Instrument :
BNA_F
ClientSampleId :
PB162012TB

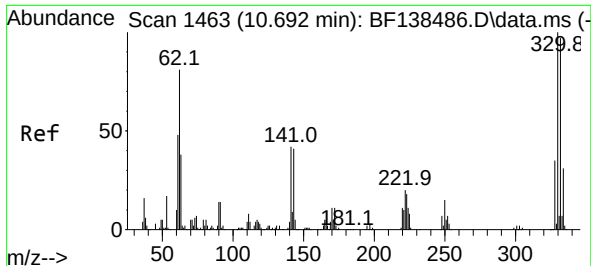
Tgt Ion: 82 Resp: 807396
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

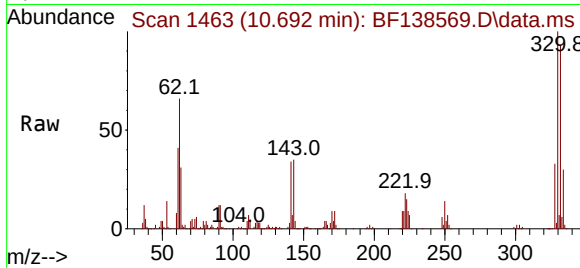
Tgt Ion: 164 Resp: 321659
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 43.5 34.4 51.6



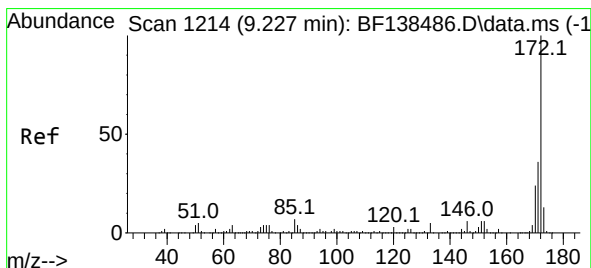
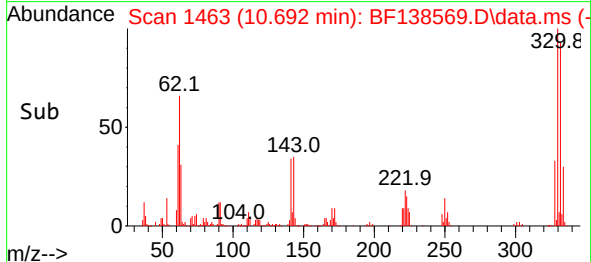
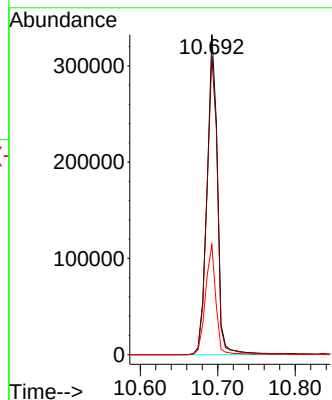


#42
2,4,6-Tribromophenol
Concen: 103.256 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Instrument :
BNA_F
ClientSampleId :
PB162012TB

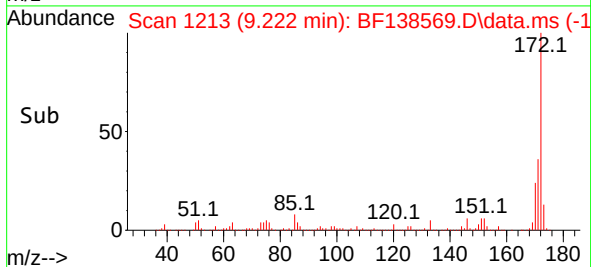
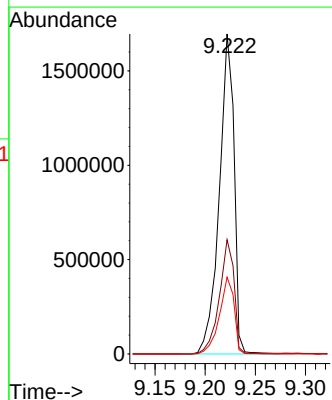
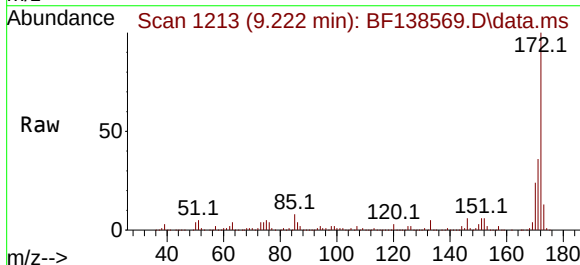


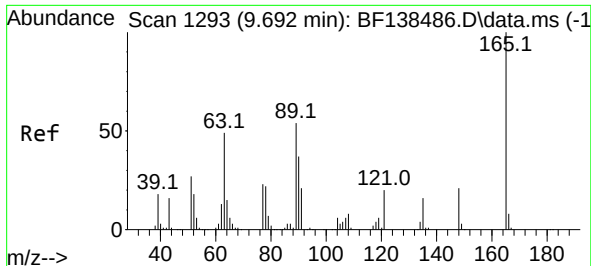
Tgt Ion:330 Resp: 310411
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 34.6 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 84.308 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion:172 Resp: 1735123
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 24.0 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.416 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

Instrument :

BNA_F

ClientSampleId :

PB162012TB

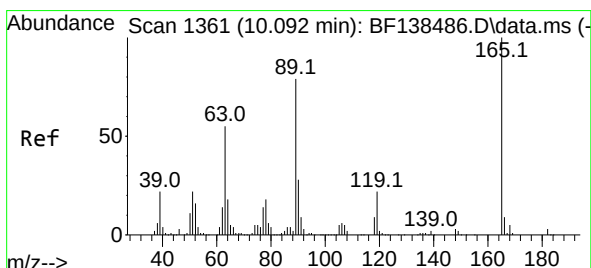
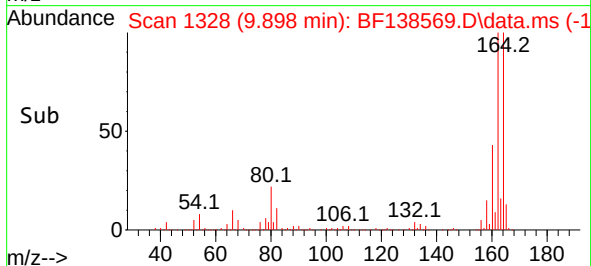
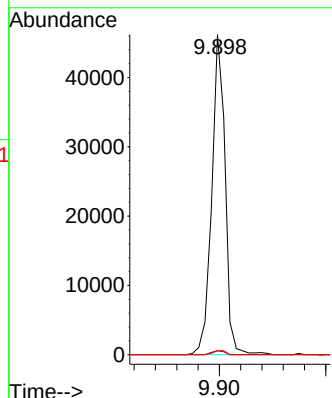
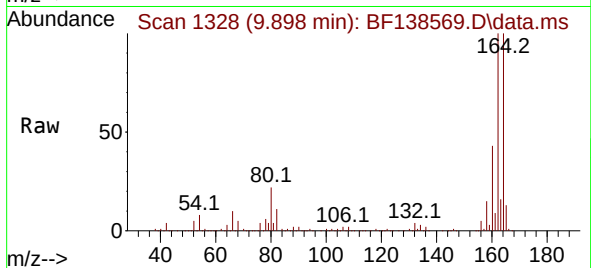
Tgt Ion:165 Resp: 40302

Ion Ratio Lower Upper

165 100

63 1.3 48.1 72.1#

89 1.2 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.504 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.194 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

Tgt Ion:165 Resp: 40302

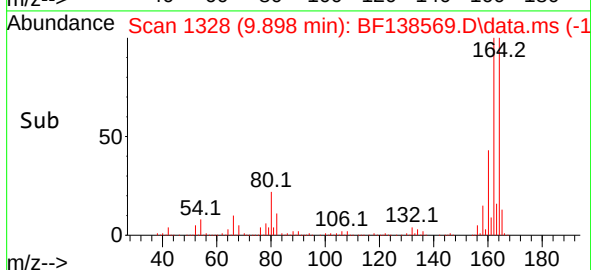
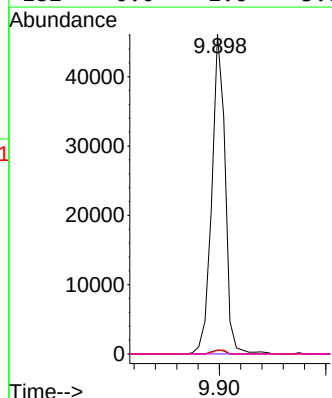
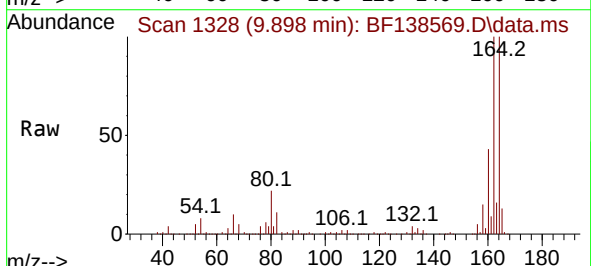
Ion Ratio Lower Upper

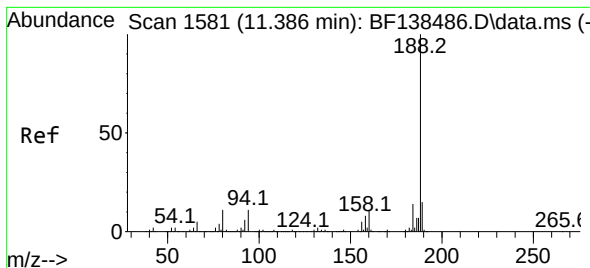
165 100

63 1.3 44.6 66.8#

89 1.2 63.4 95.2#

182 0.0 2.6 3.8#

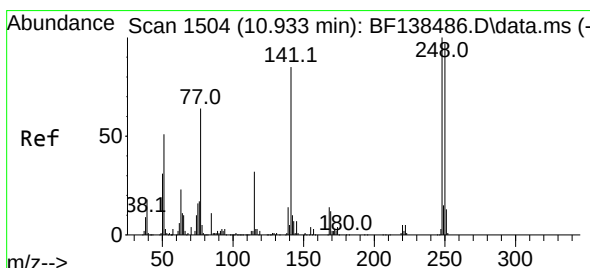
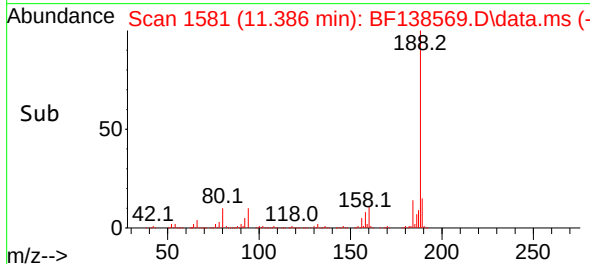
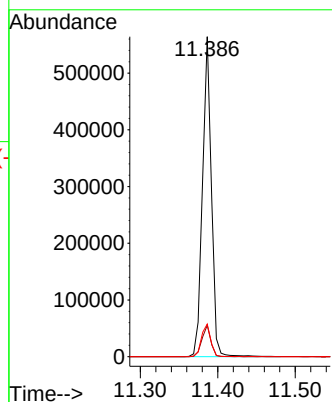
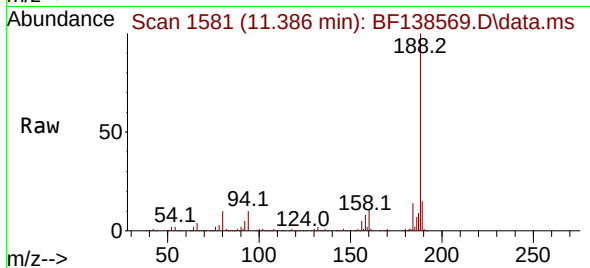




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

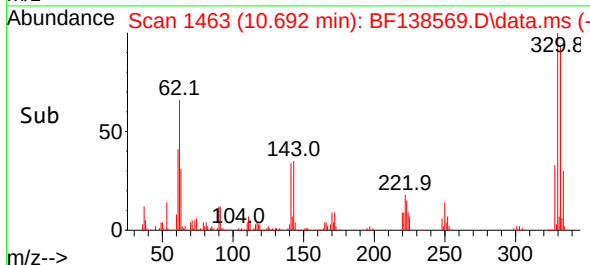
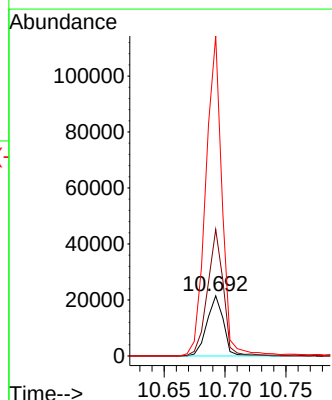
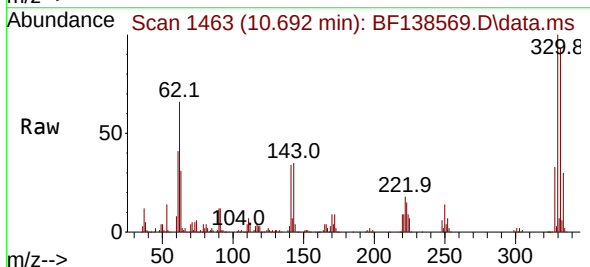
Instrument :
BNA_F
ClientSampleId :
PB162012TB

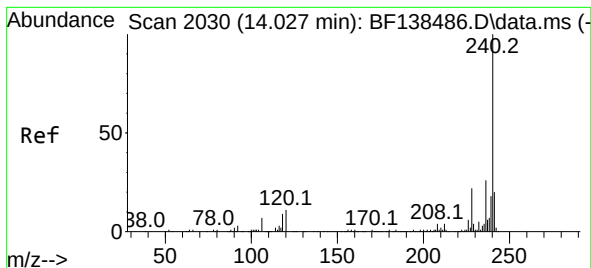
Tgt Ion:188 Resp: 450624
Ion Ratio Lower Upper
188 100
94 9.8 8.7 13.1
80 10.2 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.394 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion:248 Resp: 20353
Ion Ratio Lower Upper
248 100
250 210.1 77.9 116.9#
141 531.2 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

Instrument :

BNA_F

ClientSampleId :

PB162012TB

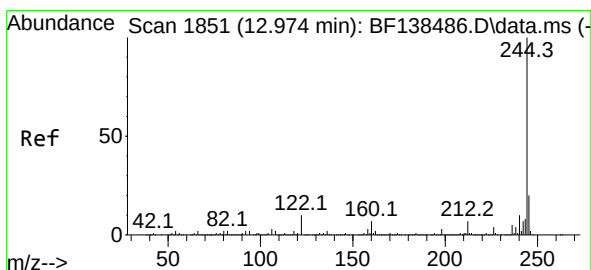
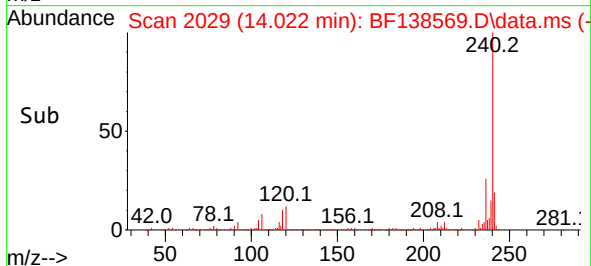
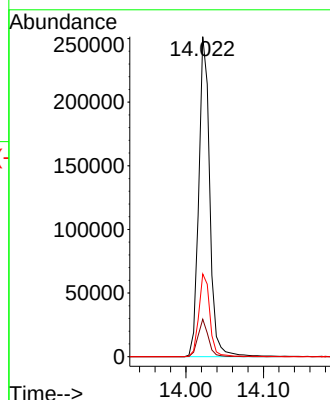
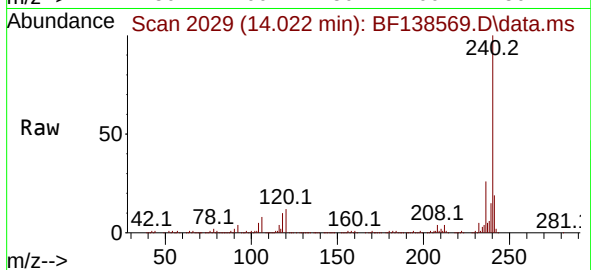
Tgt Ion:240 Resp: 247407

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 25.8 21.0 31.6



#79

Terphenyl-d14

Concen: 127.090 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

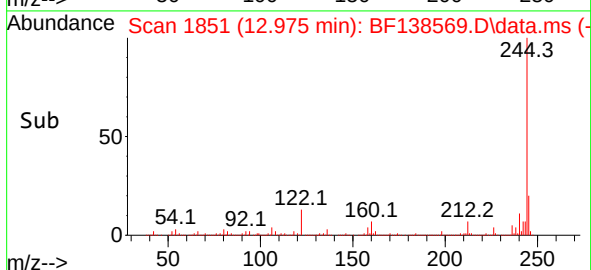
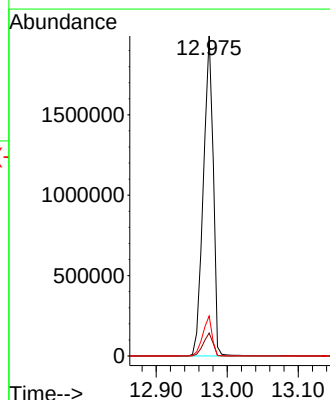
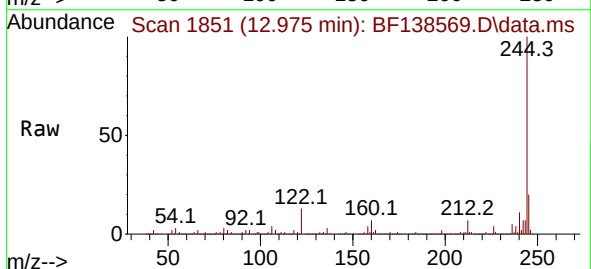
Tgt Ion:244 Resp: 1930054

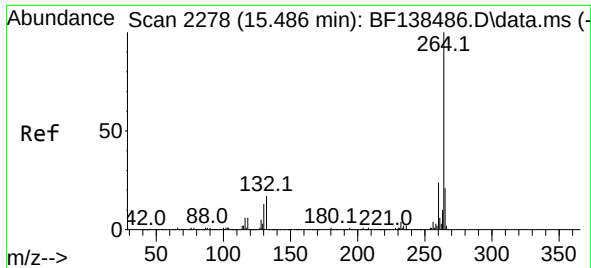
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 12.5 7.8 11.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Instrument :
BNA_F
ClientSampleId :
PB162012TB

Tgt Ion:264 Resp: 263328

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	22.3	17.0	25.4

