

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137818.D
 Acq On : 02 May 2024 16:46
 Operator : CG\JU
 Sample : P2330-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 18:01:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

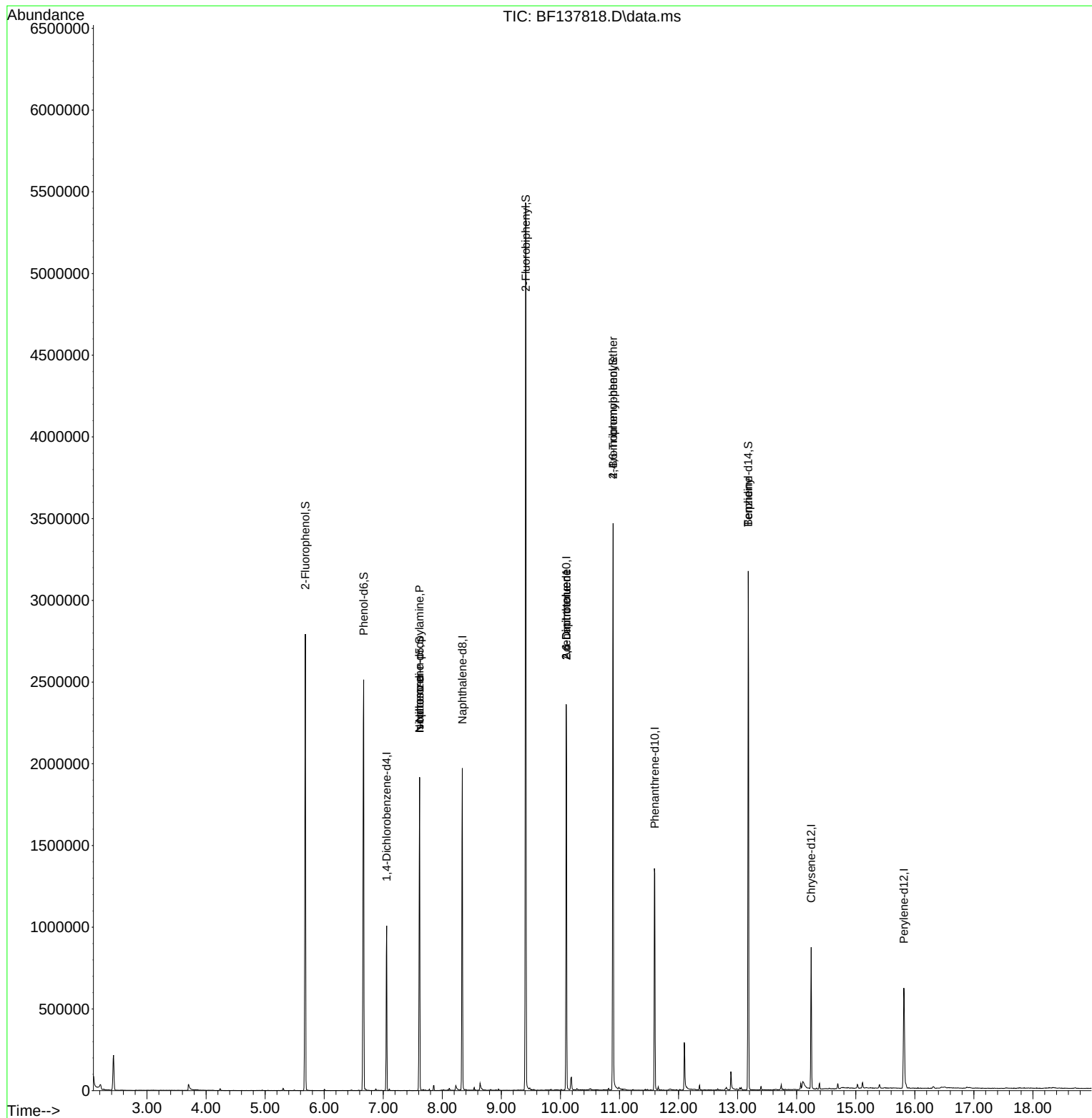
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	145030	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	848564	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	500056	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	515385	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	271903	20.000	ng	0.00
86) Perylene-d12	15.815	264	297713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	772171	89.143	ng	0.00
7) Phenol-d6	6.669	99	963829	87.723	ng	0.00
23) Nitrobenzene-d5	7.616	82	584648	40.029	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	432317	84.673	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1859985	60.345	ng	0.00
79) Terphenyl-d14	13.180	244	1108992	68.352	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	76995	11.726	ng	# 76
25) Isophorone	7.616	82	584641	22.201	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	64406	8.928	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	64471	6.840	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	28144	5.102	ng	# 1
77) Benzidine	13.180	184	13718	2.181	ng	# 95

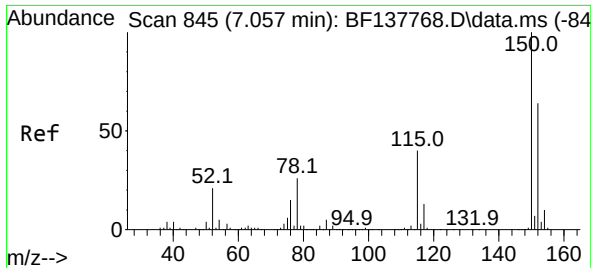
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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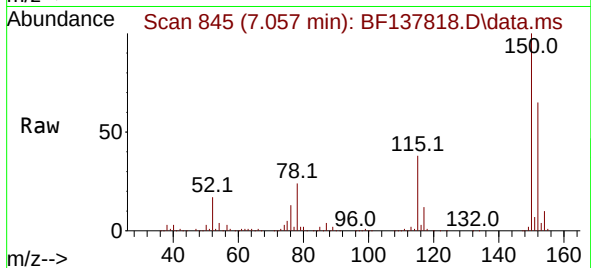
Quant Time: May 02 18:01:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
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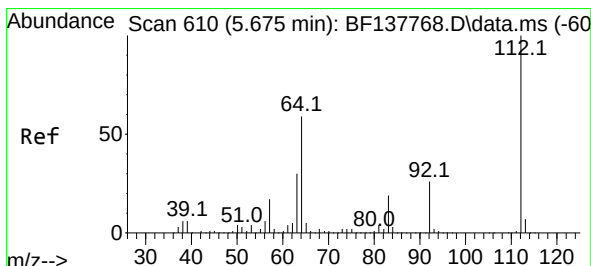
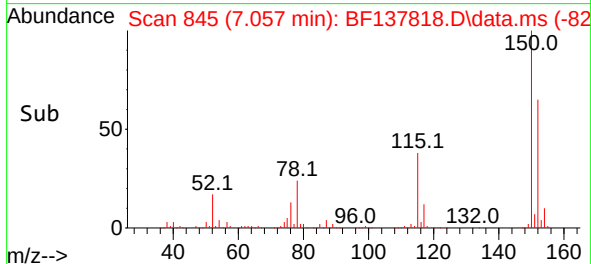
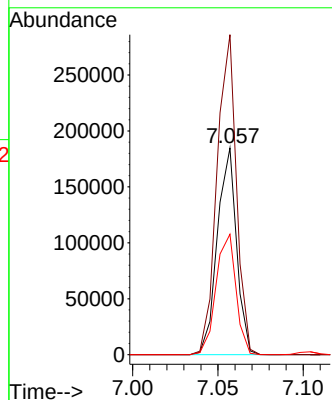


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Instrument :
BNA_F
ClientSampleId :

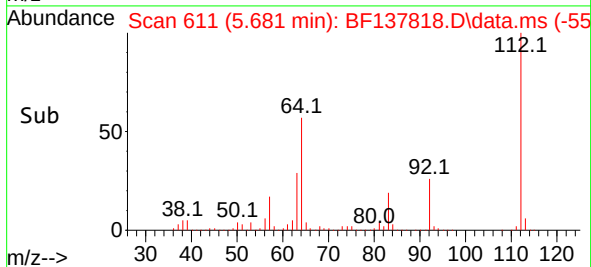
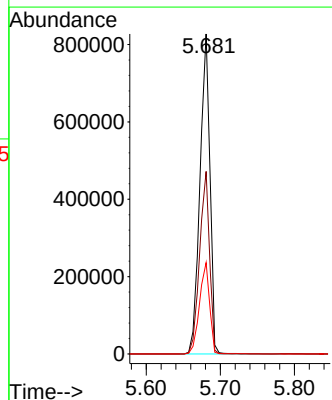
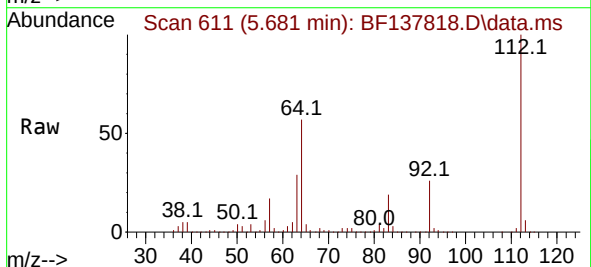


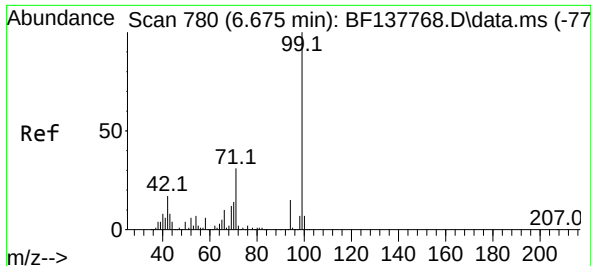
Tgt Ion:152 Resp: 145030
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 89.143 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

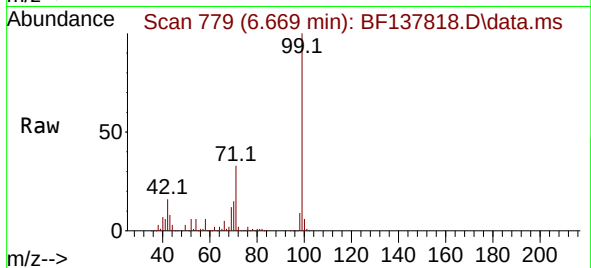
Tgt Ion:112 Resp: 772171
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 28.5 23.7 35.5



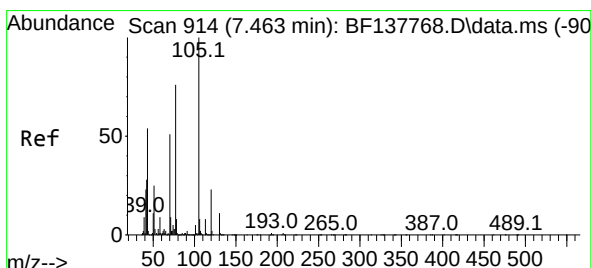
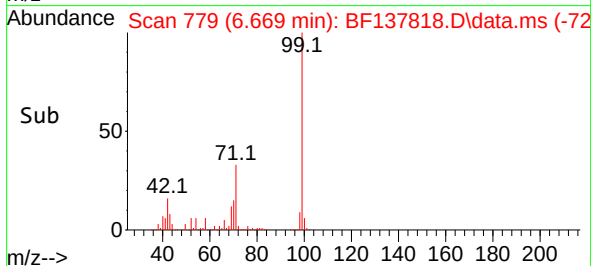
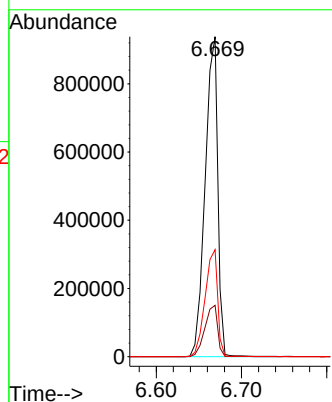


#7
Phenol-d6
Concen: 87.723 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Instrument :
BNA_F
ClientSampleId :

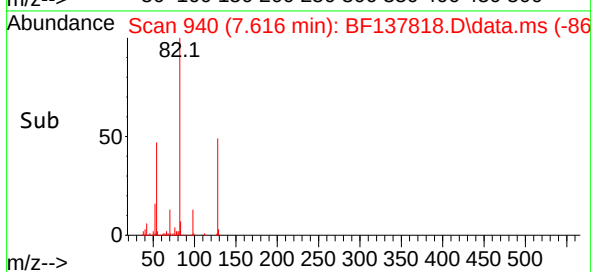
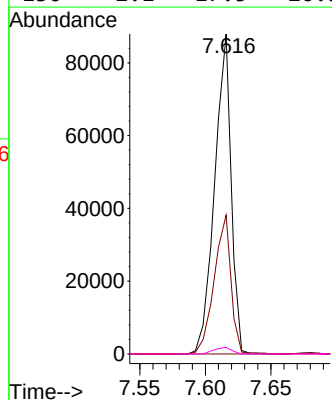
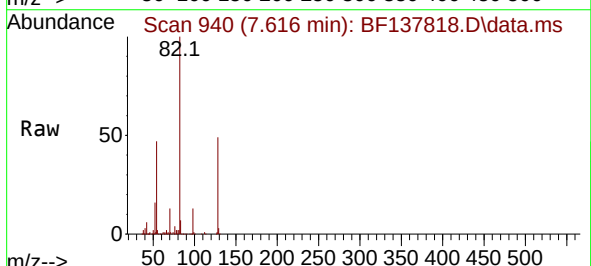


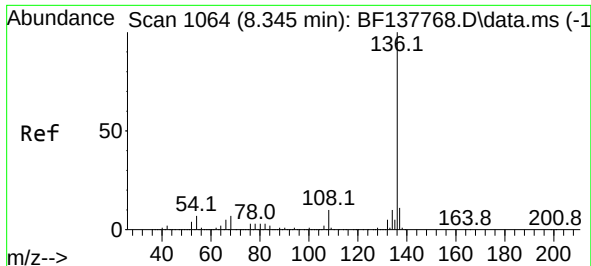
Tgt Ion: 99 Resp: 963829
Ion Ratio Lower Upper
99 100
42 16.1 13.2 19.8
71 33.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.726 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion: 70 Resp: 76995
Ion Ratio Lower Upper
70 100
42 43.4 44.6 66.8#
101 0.0 7.8 11.6#
130 2.1 17.5 26.3#



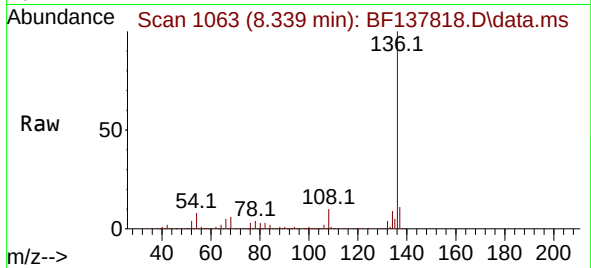


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Instrument :

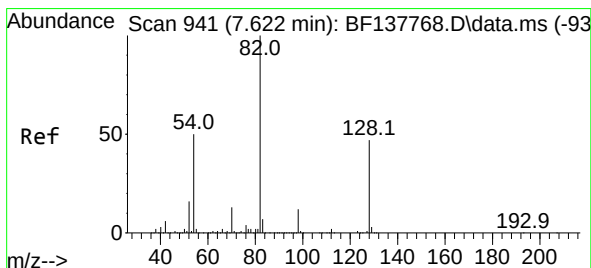
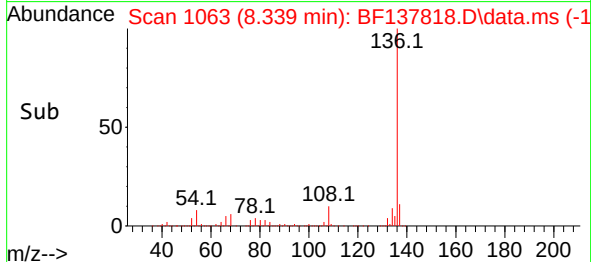
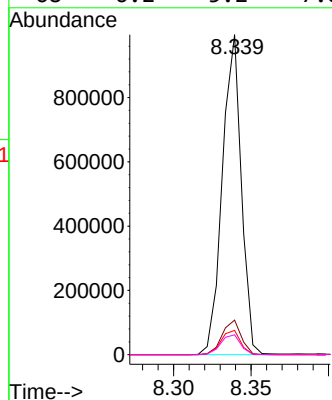
BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 848564

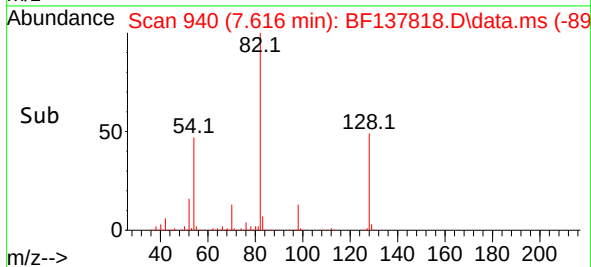
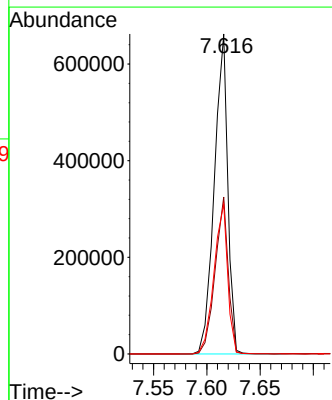
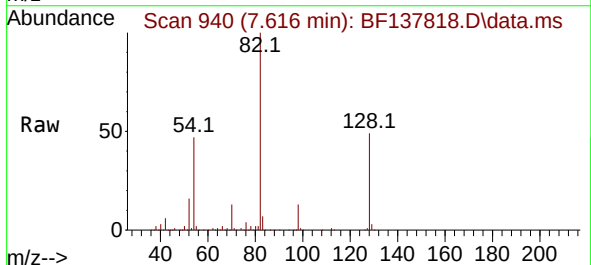
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.8	8.8
68	6.2	5.2	7.8

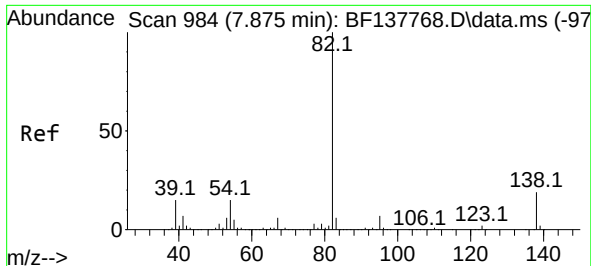


#23
Nitrobenzene-d5
Concen: 40.029 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion: 82 Resp: 584648

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.5	56.3
54	46.9	39.8	59.6

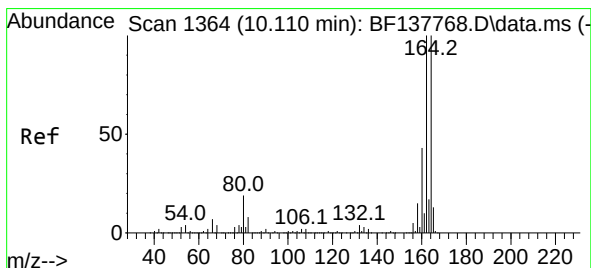
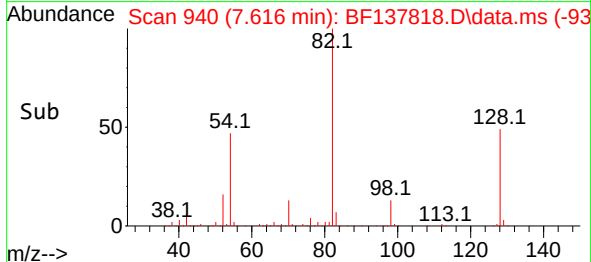
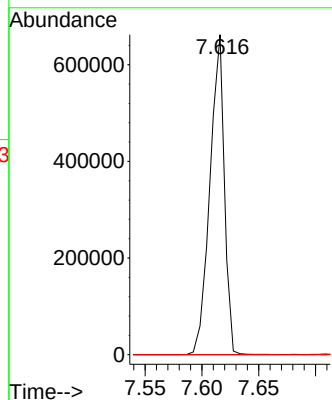
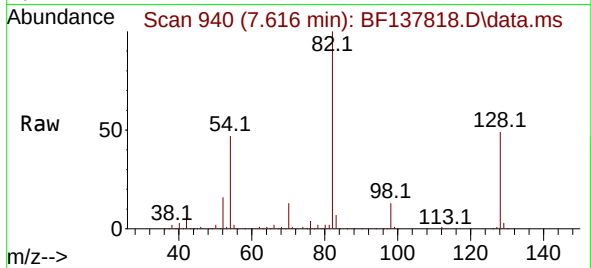




#25
Isophorone
Concen: 22.201 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

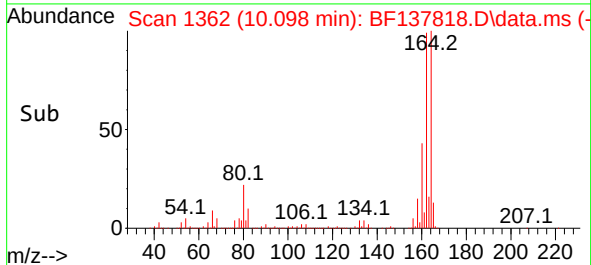
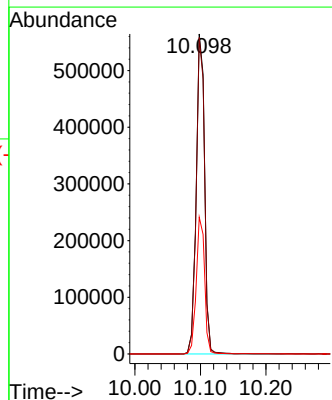
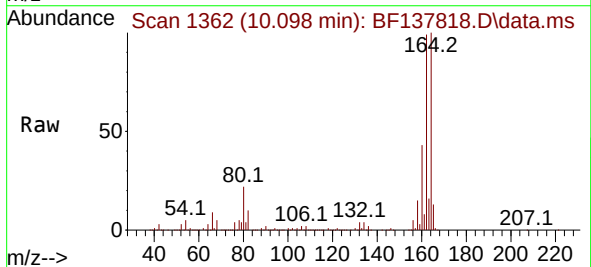
Instrument :
BNA_F
ClientSampleId :

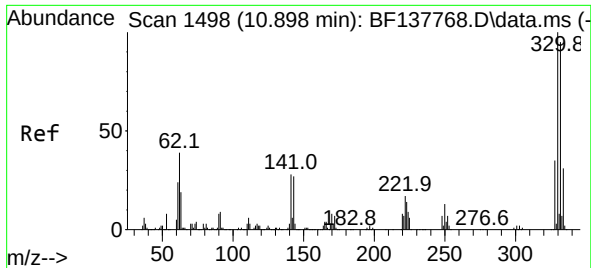
Tgt Ion: 82 Resp: 584641
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion:164 Resp: 500056
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.6
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.673 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

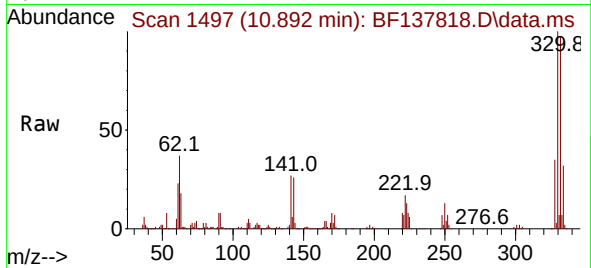
Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :



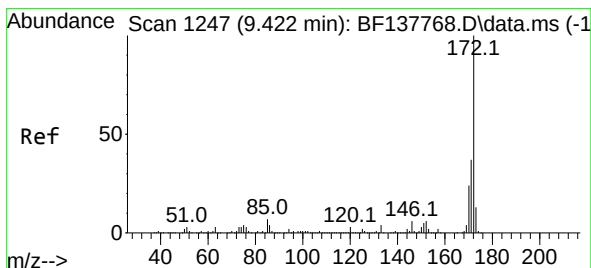
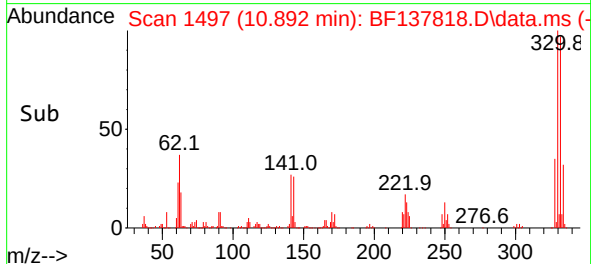
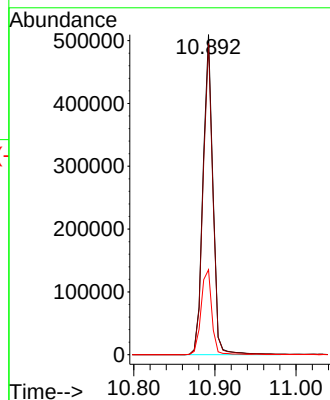
Tgt Ion:330 Resp: 432317

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 60.345 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

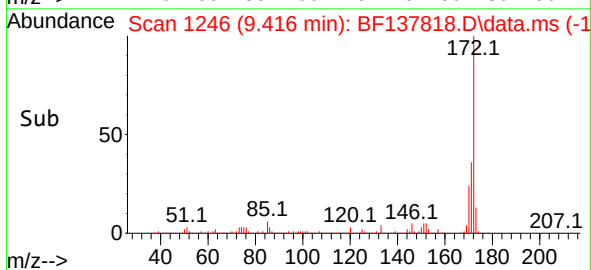
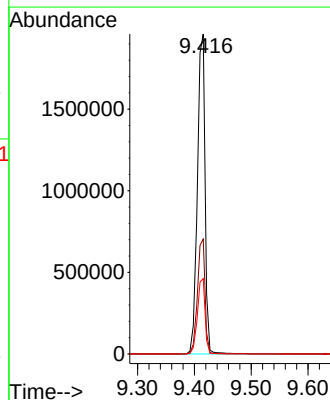
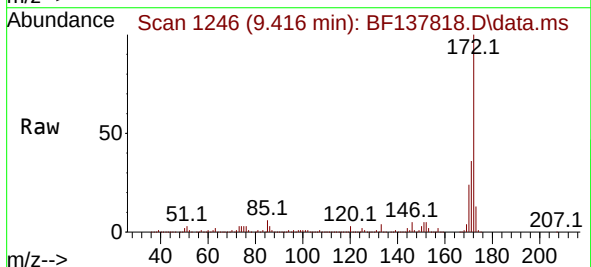
Tgt Ion:172 Resp: 1859985

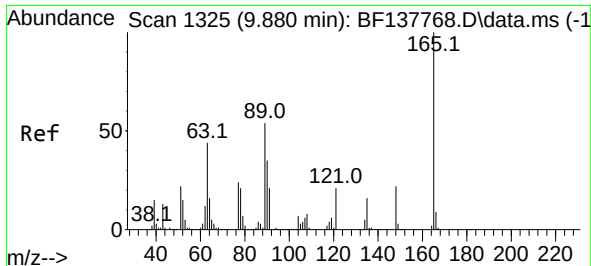
Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

170 23.5 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.928 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.218 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :

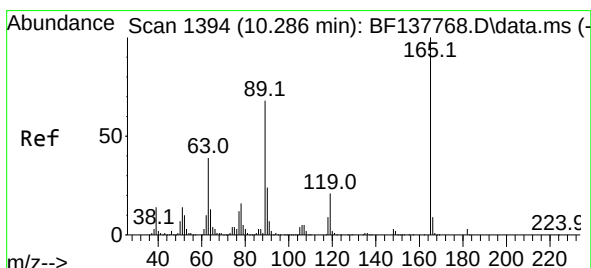
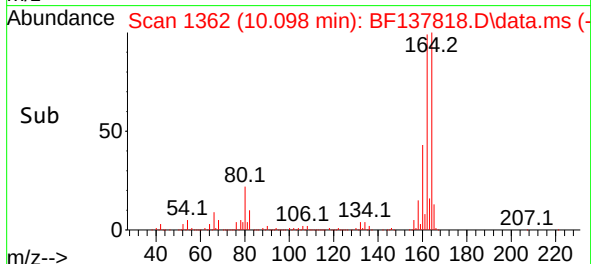
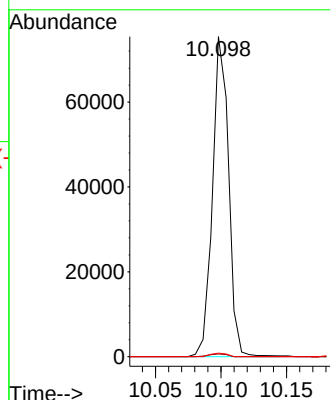
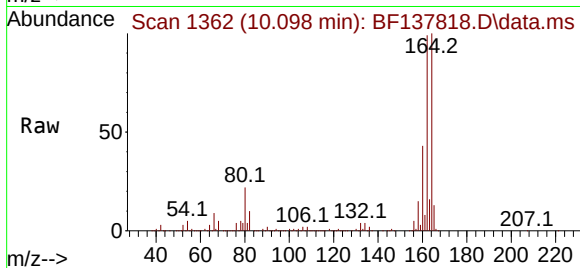
Tgt Ion:165 Resp: 64406

Ion Ratio Lower Upper

165 100

63 0.8 41.9 62.9#

89 1.1 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.840 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.188 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Tgt Ion:165 Resp: 64471

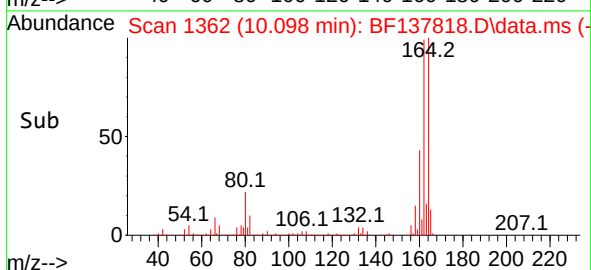
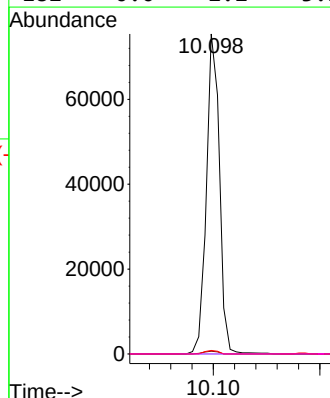
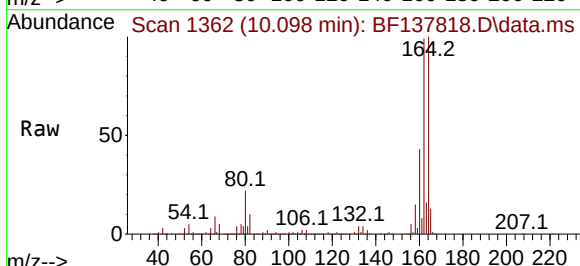
Ion Ratio Lower Upper

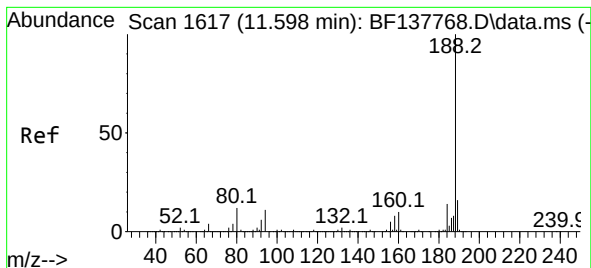
165 100

63 0.8 31.3 46.9#

89 1.1 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

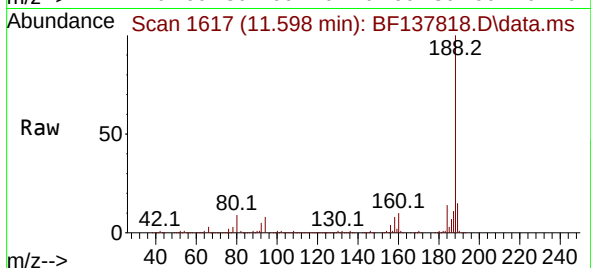
Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :



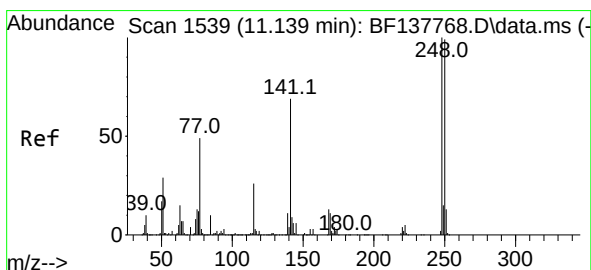
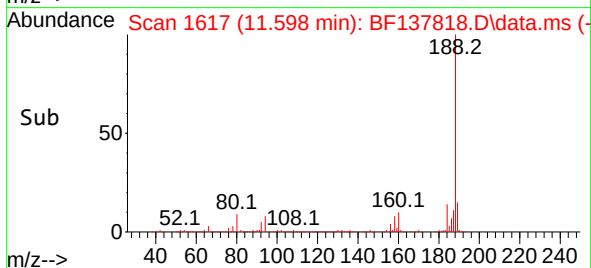
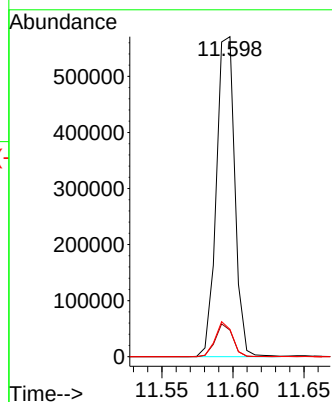
Tgt Ion:188 Resp: 515385

Ion Ratio Lower Upper

188 100

94 8.3 8.8 13.2#

80 8.6 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 5.102 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

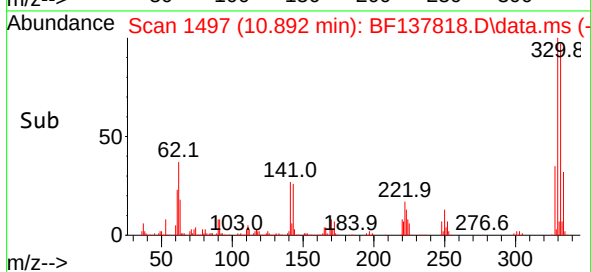
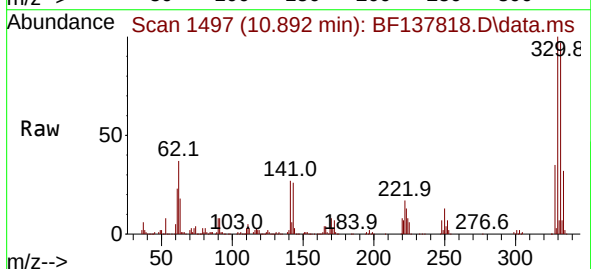
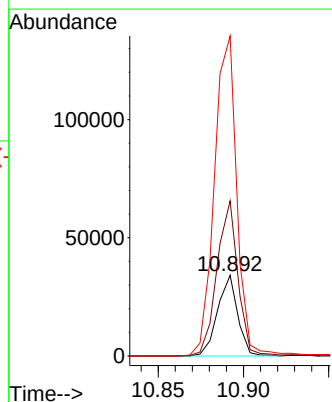
Tgt Ion:248 Resp: 28144

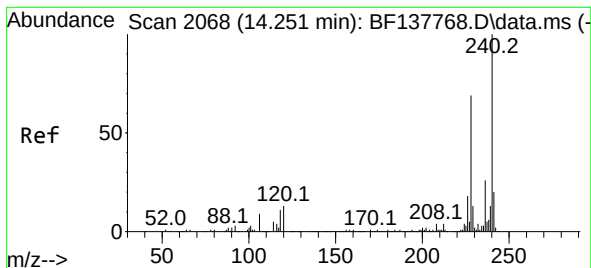
Ion Ratio Lower Upper

248 100

250 192.4 79.1 118.7#

141 396.8 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :

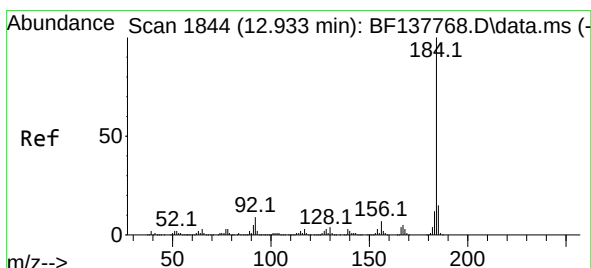
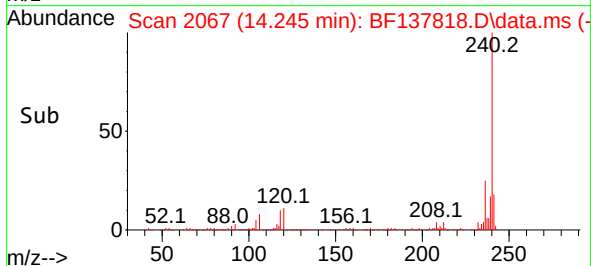
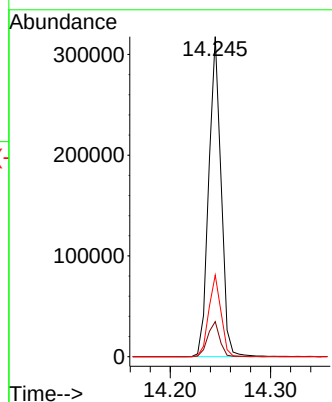
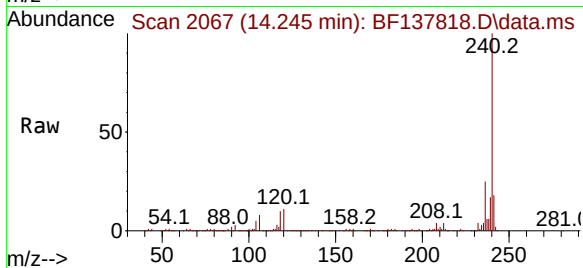
Tgt Ion:240 Resp: 271903

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

236 25.5 20.4 30.6



#77

Benzidine

Concen: 2.181 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

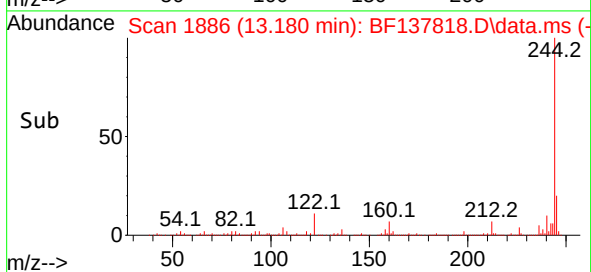
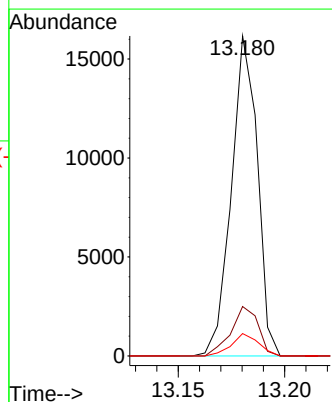
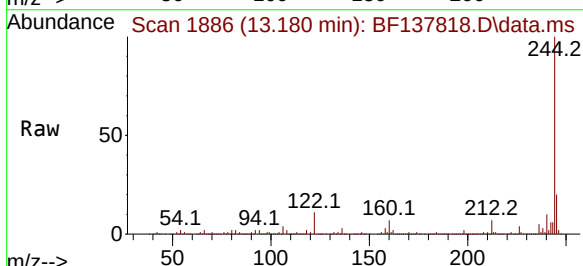
Tgt Ion:184 Resp: 13718

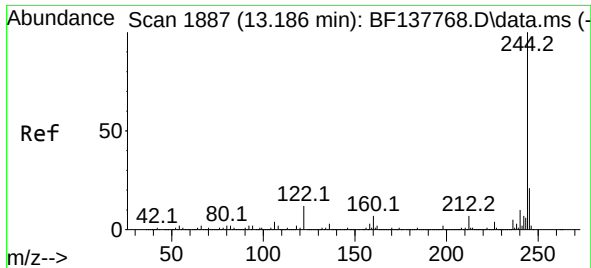
Ion Ratio Lower Upper

184 100

185 15.4 12.3 18.5

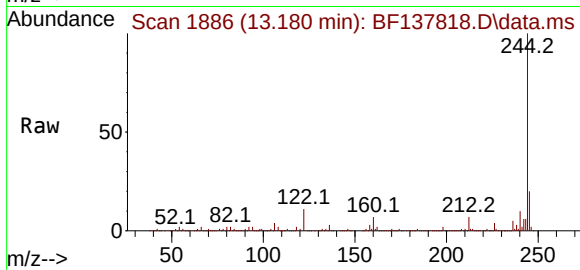
183 7.0 9.2 13.8#



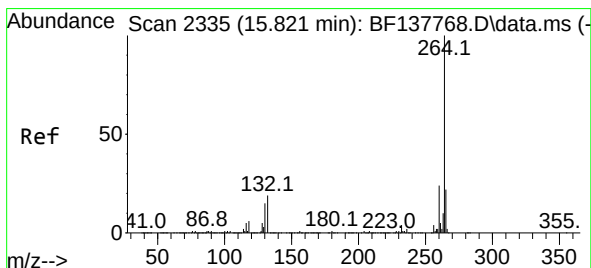
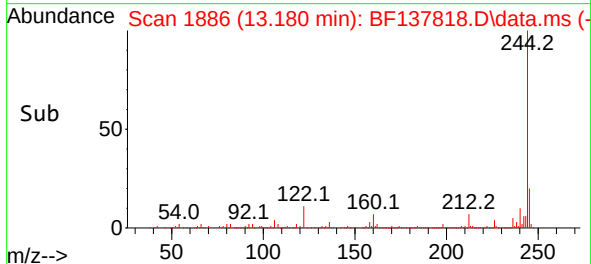
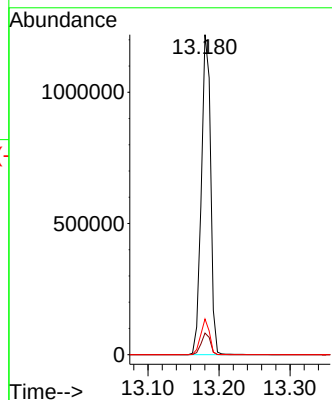


#79
 Terphenyl-d14
 Concen: 68.352 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137818.D
 Acq: 02 May 2024 16:46

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1108992
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.2 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137818.D
 Acq: 02 May 2024 16:46

Tgt Ion:264 Resp: 297713
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.8 17.4 26.0

