

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137811.D
 Acq On : 02 May 2024 12:44
 Operator : CG\JU
 Sample : P2307-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 13:22:25 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)

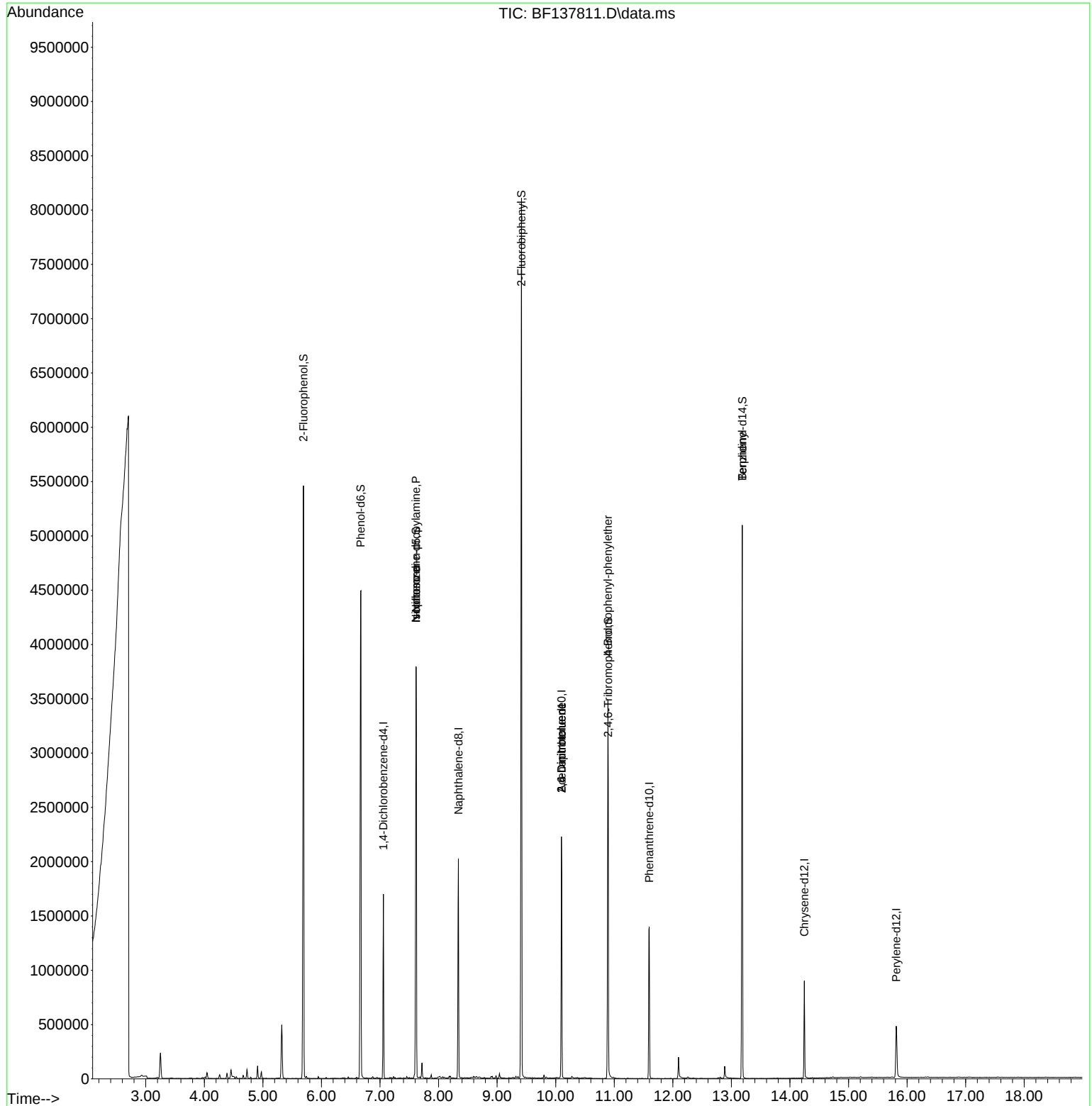
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	228550	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	879524	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	479173	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	543858	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	273160	20.000	ng	0.00
86) Perylene-d12	15.815	264	252385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1689881	123.796	ng	0.02
7) Phenol-d6	6.669	99	1969079	113.725	ng	0.00
23) Nitrobenzene-d5	7.616	82	1402907	92.671	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	486382	99.414	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2641727	89.442	ng	0.00
79) Terphenyl-d14	13.186	244	1797866	110.301	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	185647	17.942	ng	# 78
25) Isophorone	7.616	82	1402891	51.398	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	62371	9.022	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	62372	6.906	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	32036	5.504	ng	# 1
77) Benzidine	13.186	184	22385	3.543	ng	# 91

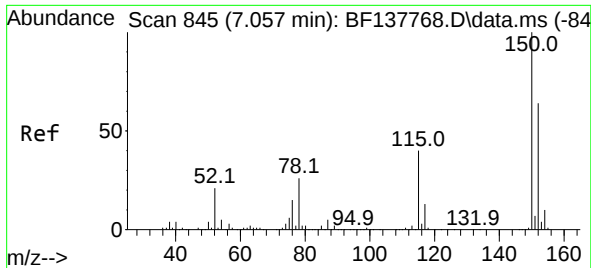
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137811.D
Acq On : 02 May 2024 12:44
Operator : CG\JU
Sample : P2307-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

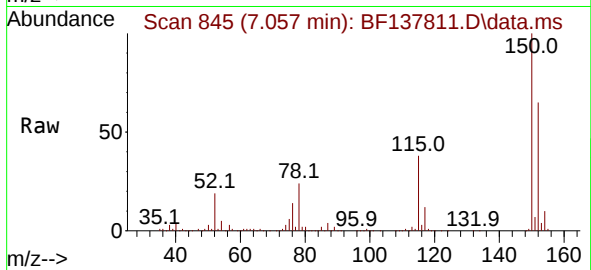
Quant Time: May 02 13:22:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



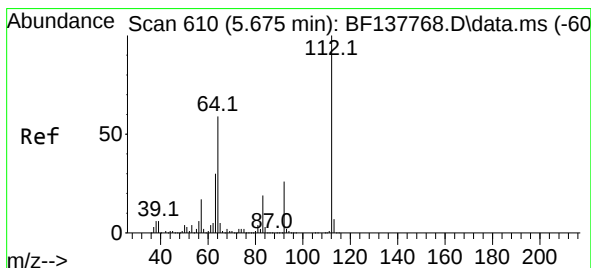
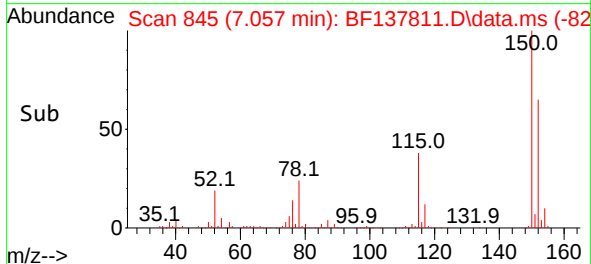
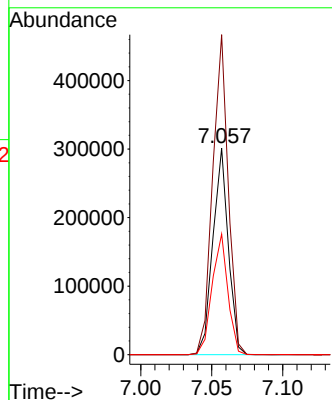


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Instrument :
BNA_F
ClientSampleId :

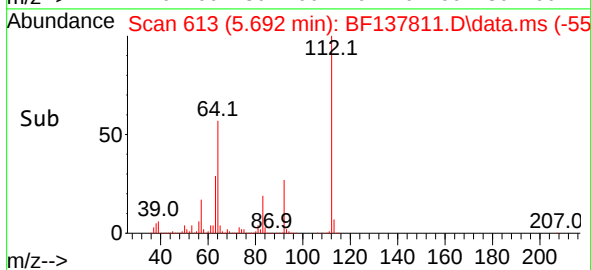
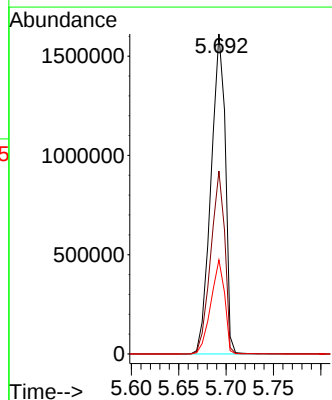
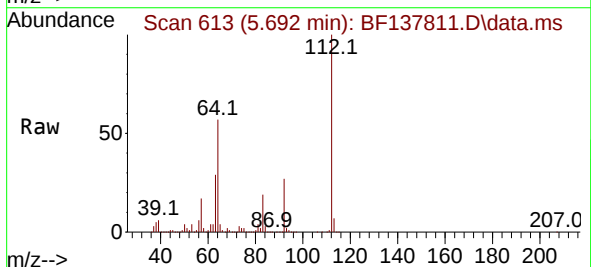


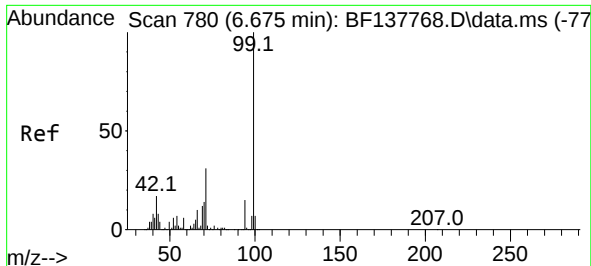
Tgt Ion:152 Resp: 228550
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 58.4 49.1 73.7



#5
2-Fluorophenol
Concen: 123.796 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.017 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

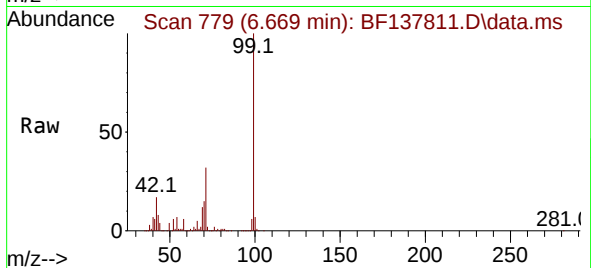
Tgt Ion:112 Resp: 1689881
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 29.4 23.7 35.5





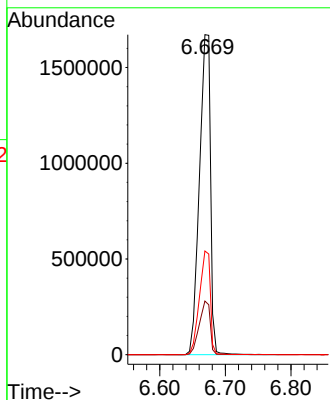
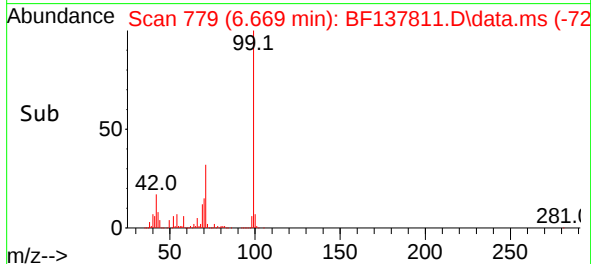
#7
Phenol-d6
Concen: 113.725 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Instrument :
BNA_F
ClientSampleId :

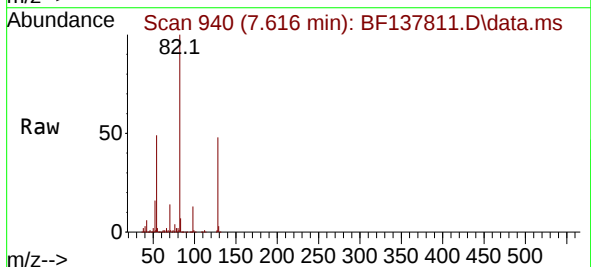


Tgt Ion: 99 Resp: 1969079

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.2	19.8
71	32.4	25.0	37.4

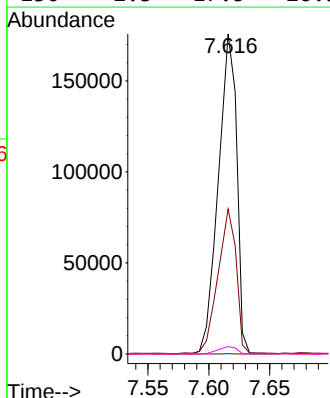
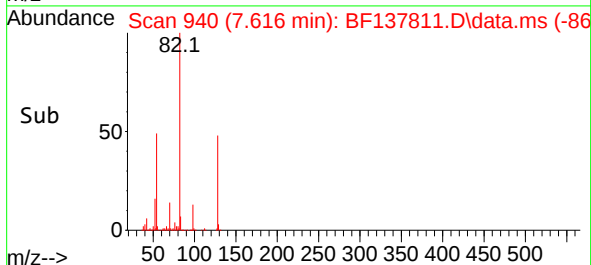


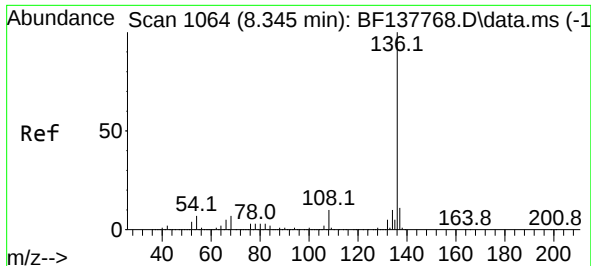
#19
n-Nitroso-di-n-propylamine
Concen: 17.942 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44



Tgt Ion: 70 Resp: 185647

Ion	Ratio	Lower	Upper
70	100		
42	45.3	44.6	66.8
101	0.1	7.8	11.6#
130	2.3	17.5	26.3#



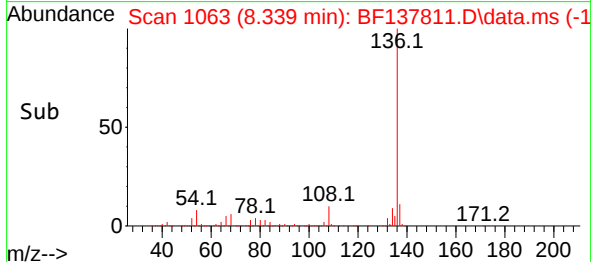
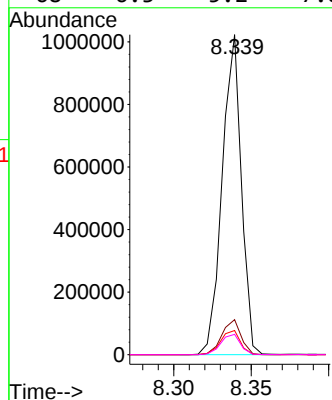
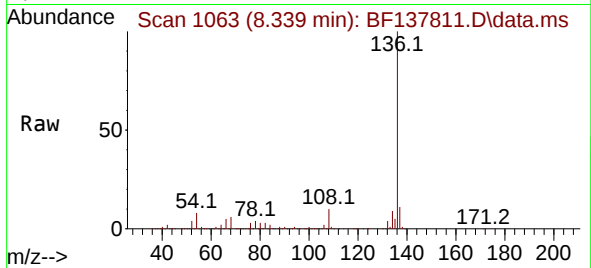


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 879524

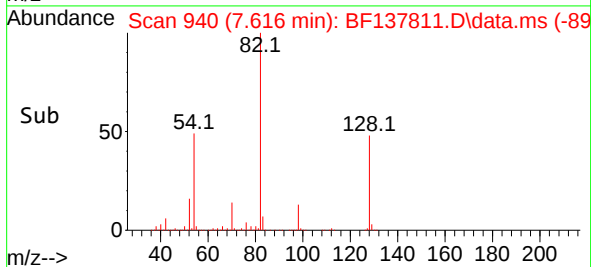
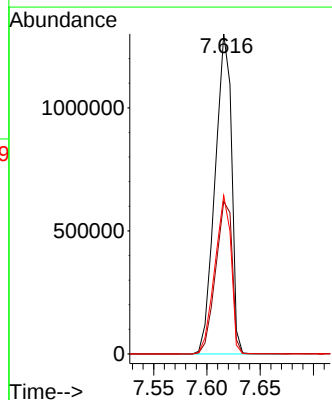
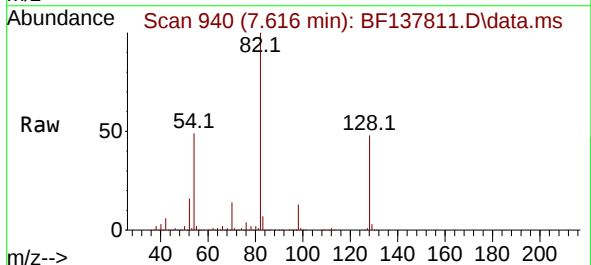
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.8	8.8
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 92.671 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Tgt Ion: 82 Resp: 1402907

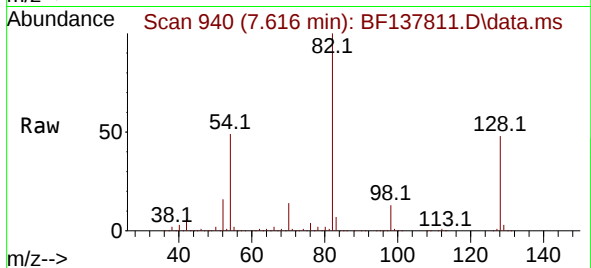
Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.5	56.3
54	49.5	39.8	59.6



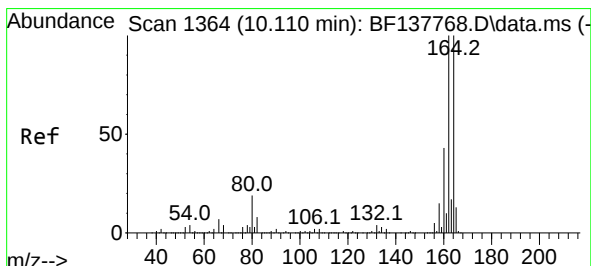
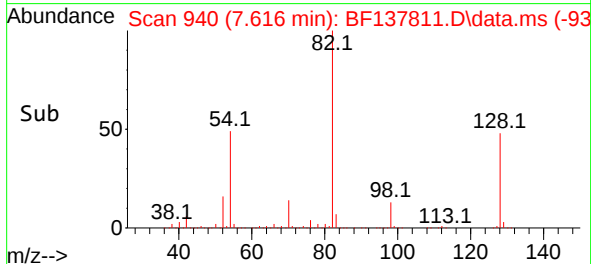
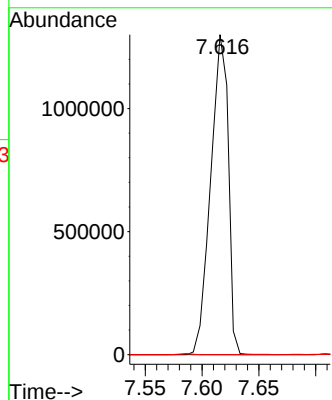


#25
Isophorone
Concen: 51.398 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Instrument :
BNA_F
ClientSampleId :

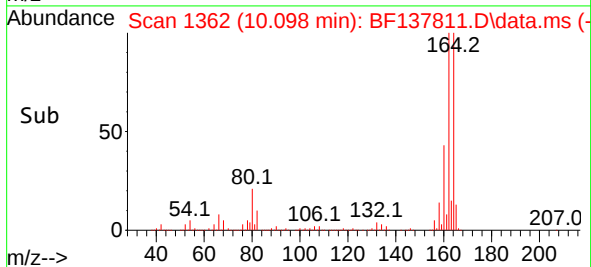
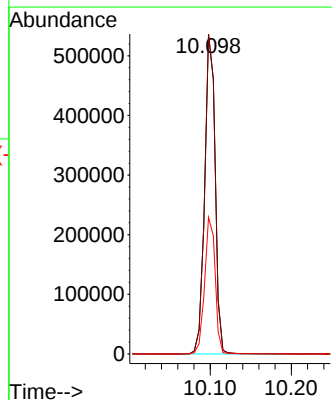
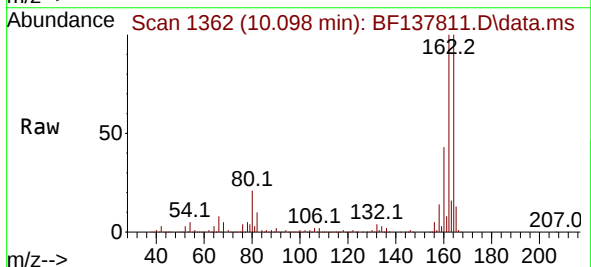


Tgt Ion: 82 Resp: 1402891
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Tgt Ion:164 Resp: 479173
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.6
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 99.414 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

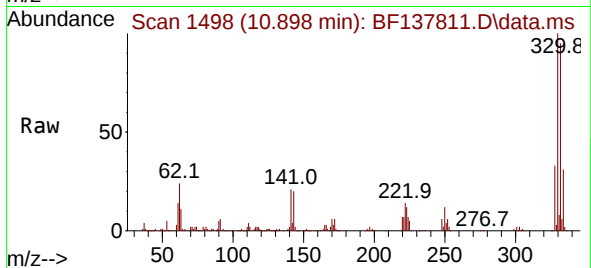
Lab File: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :



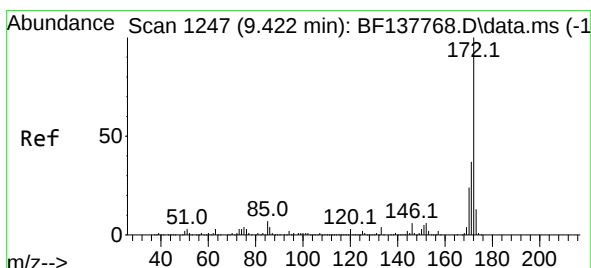
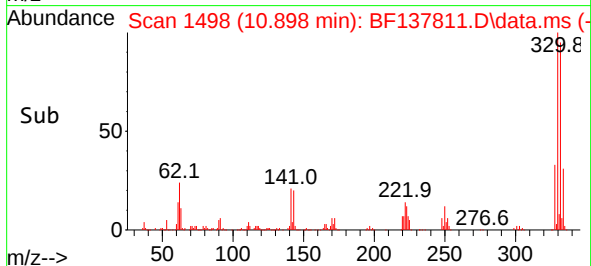
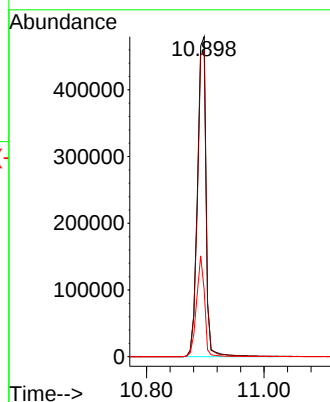
Tgt Ion:330 Resp: 486382

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 29.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.442 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

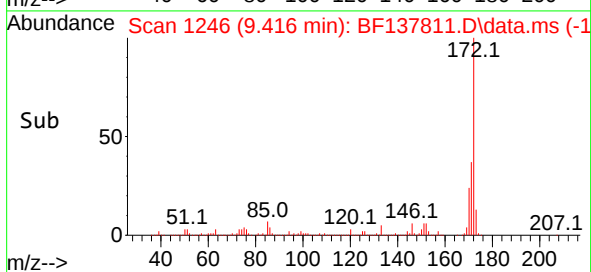
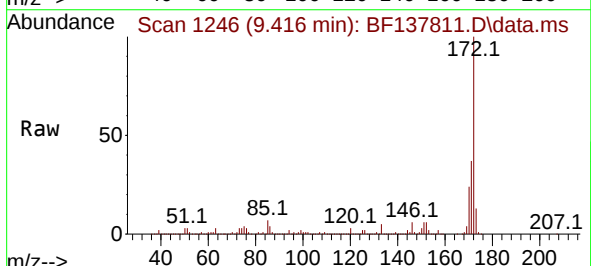
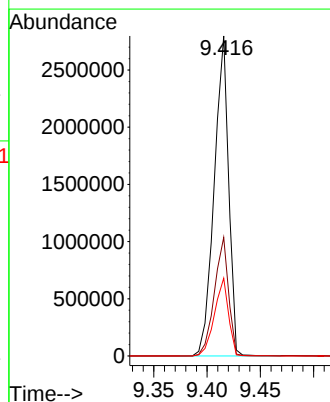
Tgt Ion:172 Resp: 2641727

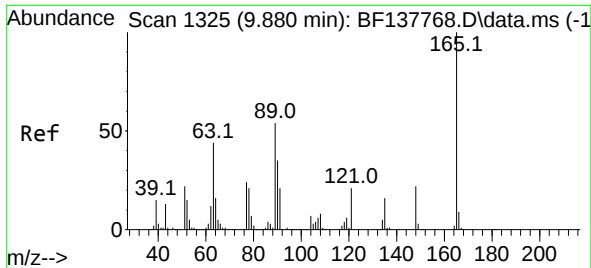
Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 24.3 19.4 29.2

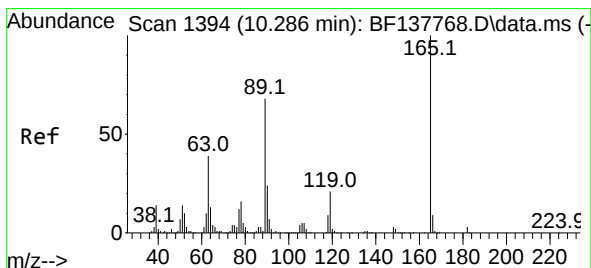
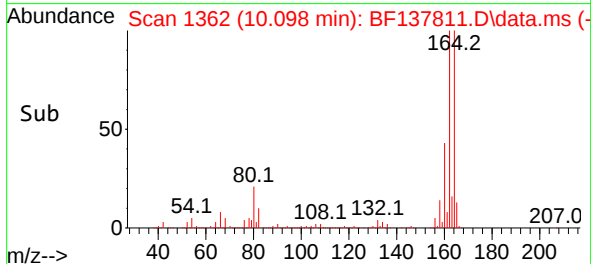
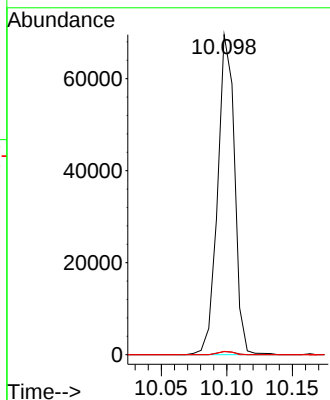
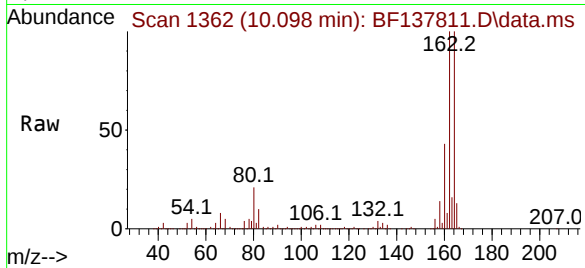




#51
2,6-Dinitrotoluene
Concen: 9.022 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.217 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

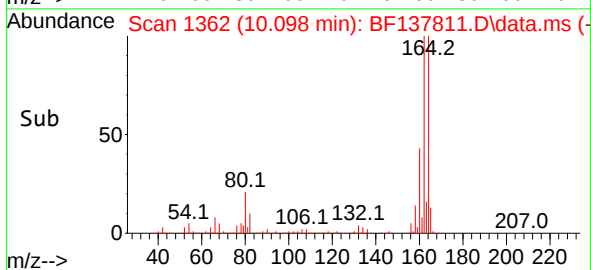
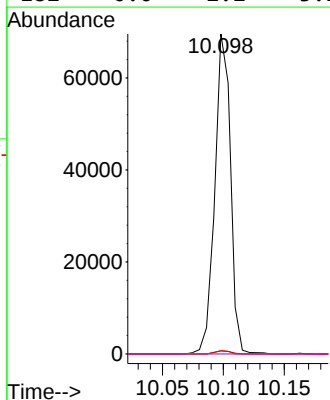
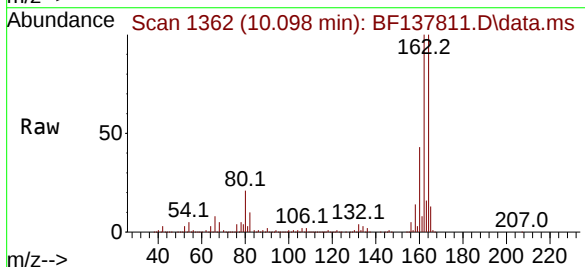
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 62371
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.0 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.906 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137811.D
Acq: 02 May 2024 12:44

Tgt Ion:165 Resp: 62372
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.0 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: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :

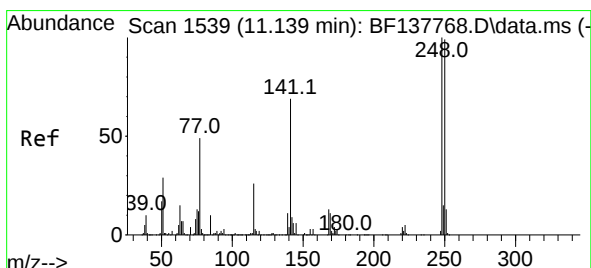
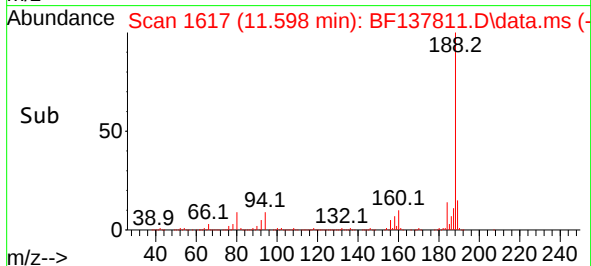
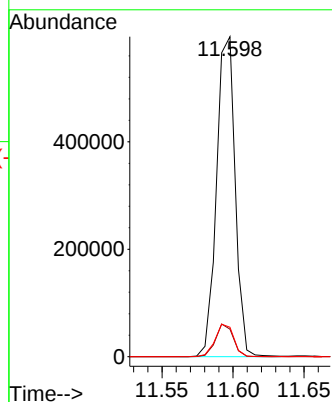
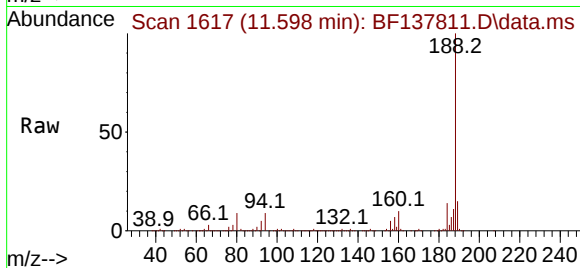
Tgt Ion:188 Resp: 543858

Ion Ratio Lower Upper

188 100

94 8.6 8.8 13.2#

80 9.2 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 5.504 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

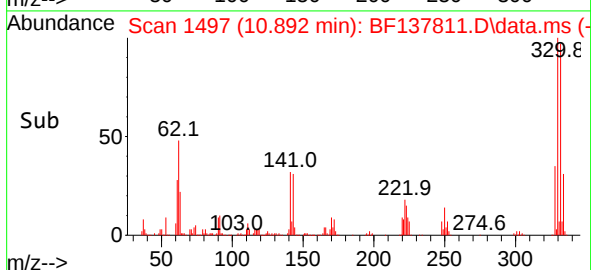
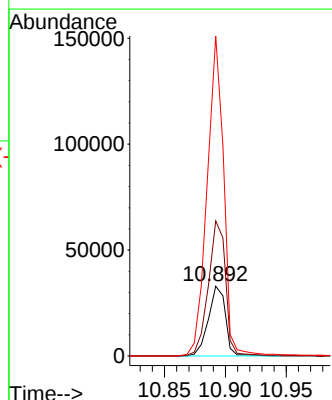
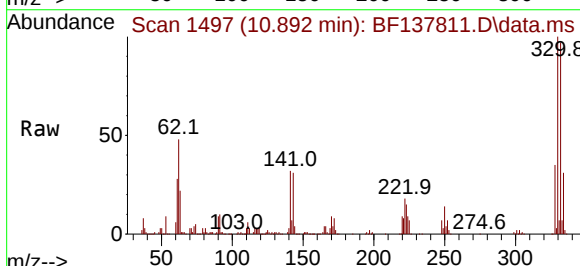
Tgt Ion:248 Resp: 32036

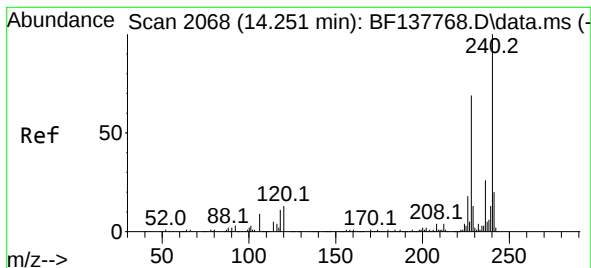
Ion Ratio Lower Upper

248 100

250 193.4 79.1 118.7#

141 458.2 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: BF137811.D

Acq: 02 May 2024 12:44

Instrument :

BNA_F

ClientSampleId :

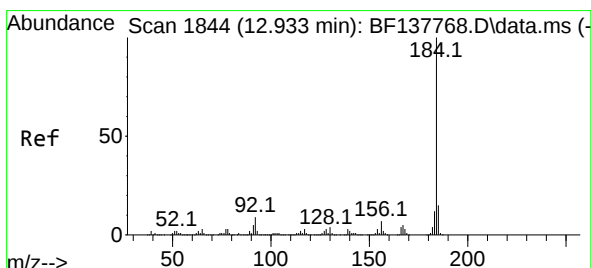
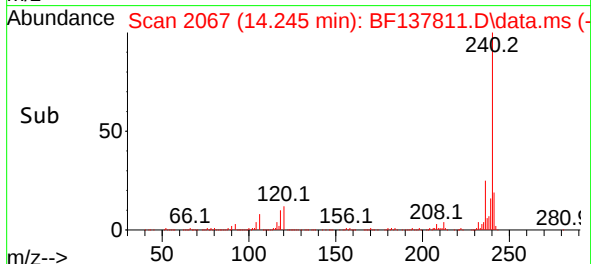
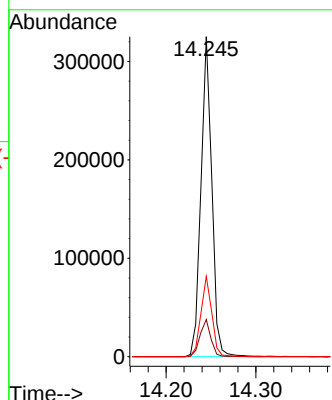
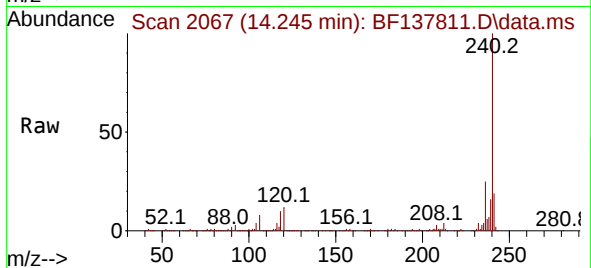
Tgt Ion:240 Resp: 273160

Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 25.1 20.4 30.6



#77

Benzidine

Concen: 3.543 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137811.D

Acq: 02 May 2024 12:44

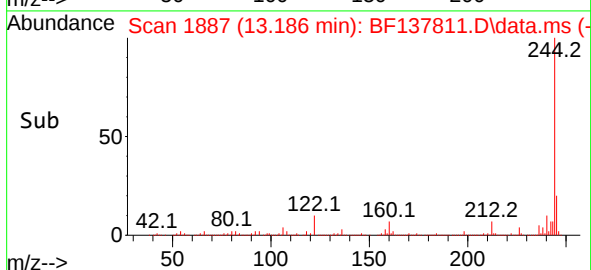
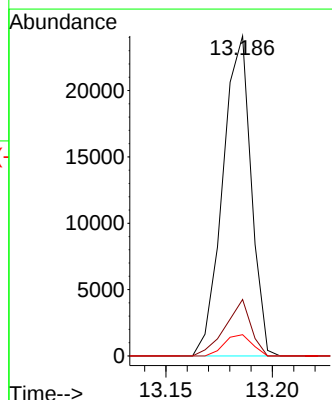
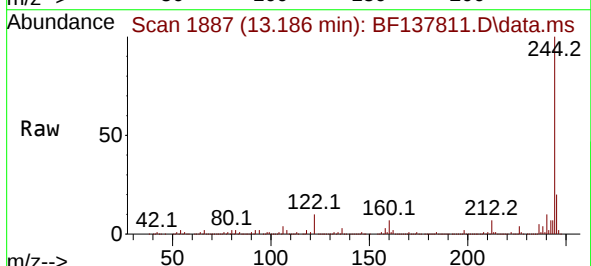
Tgt Ion:184 Resp: 22385

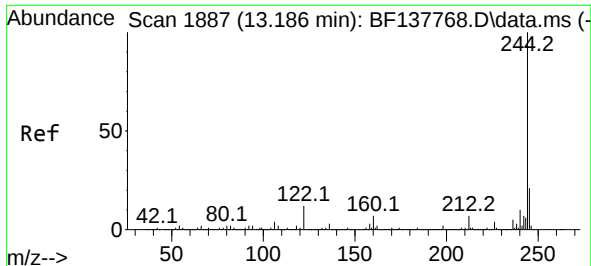
Ion Ratio Lower Upper

184 100

185 17.7 12.3 18.5

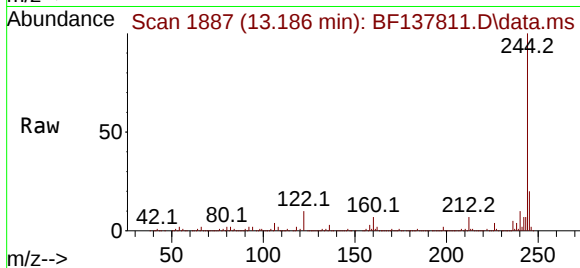
183 6.6 9.2 13.8#





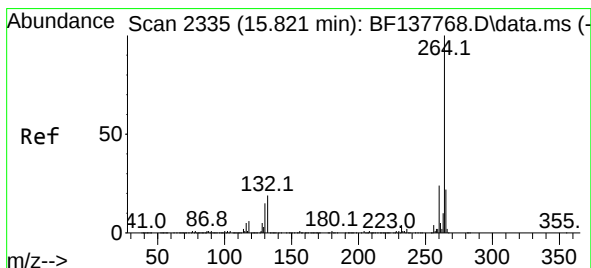
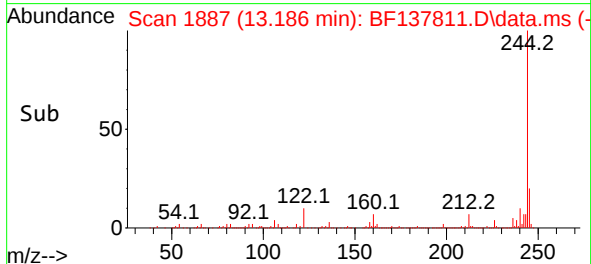
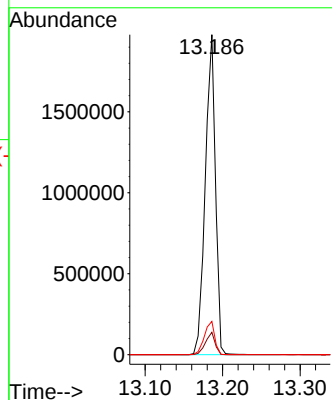
#79
 Terphenyl-d14
 Concen: 110.301 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137811.D
 Acq: 02 May 2024 12:44

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1797866

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.4	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: BF137811.D
 Acq: 02 May 2024 12:44

Tgt Ion:264 Resp: 252385

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.9	28.3
265	21.3	17.4	26.0

