

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137808.D
 Acq On : 02 May 2024 11:09
 Operator : CG\JU
 Sample : PB160630TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 11:46:54 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)

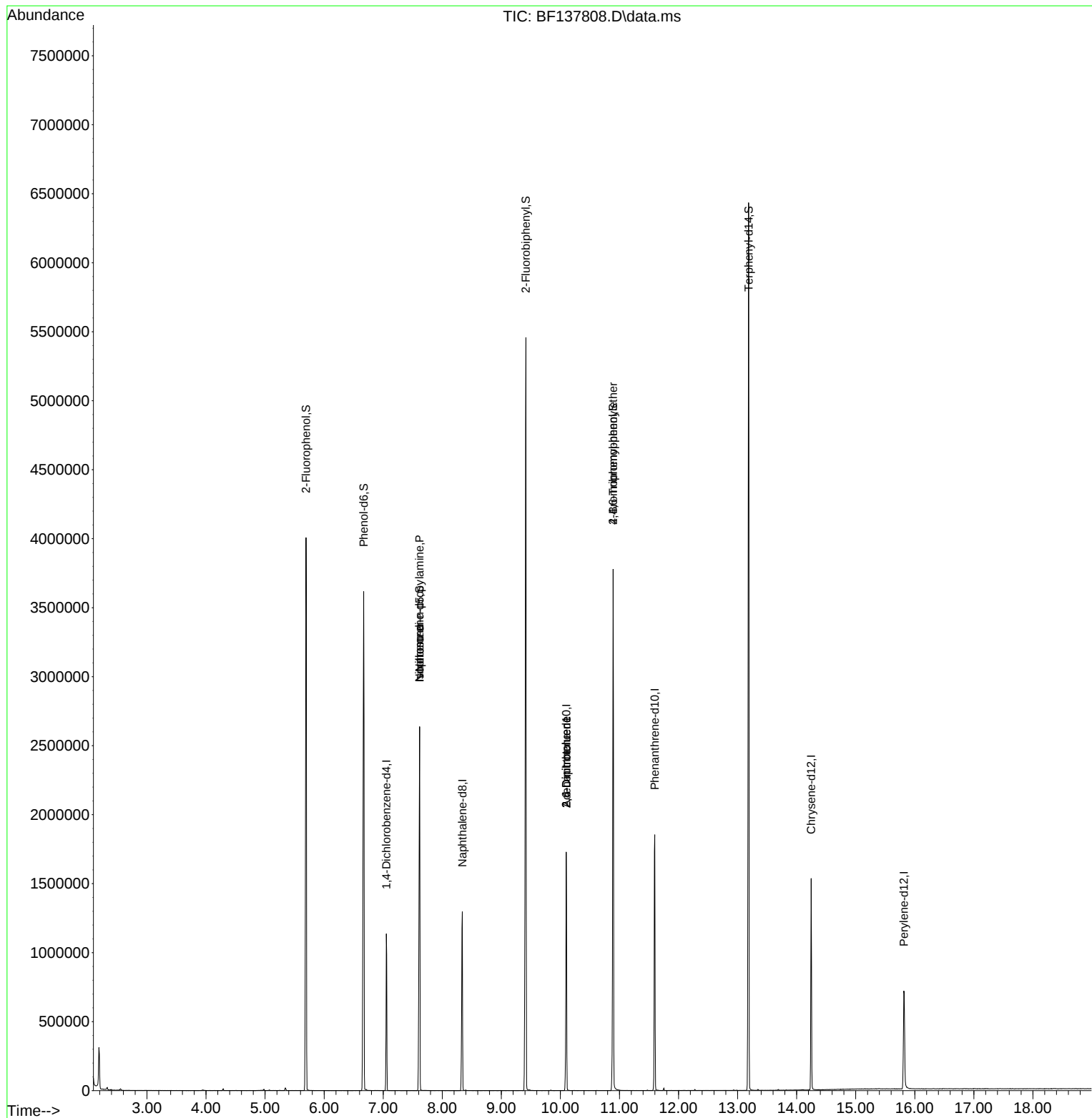
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	172442	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	685125	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	393865	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	709725	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	488492	20.000	ng	0.00
86) Perylene-d12	15.815	264	387093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1291953	125.439	ng	0.02
7) Phenol-d6	6.669	99	1591973	121.861	ng	0.00
23) Nitrobenzene-d5	7.616	82	982996	83.357	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	523714	130.230	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2043796	84.186	ng	0.00
79) Terphenyl-d14	13.186	244	2501646	85.824	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	130846	16.760	ng	# 77
25) Isophorone	7.616	82	982969	46.231	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	51102	8.993	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	51103	6.884	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	34428	4.533	ng	# 1

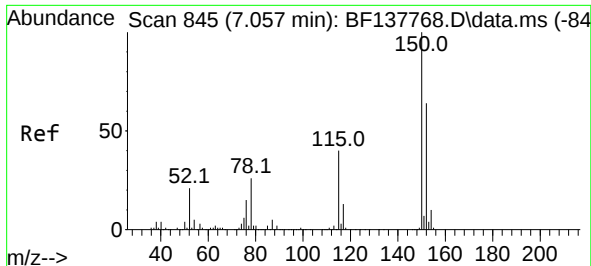
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137808.D
Acq On : 02 May 2024 11:09
Operator : CG\JU
Sample : PB160630TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

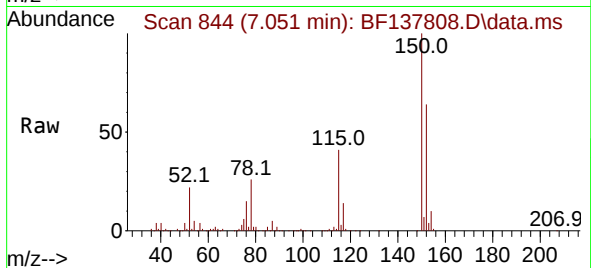
Quant Time: May 02 11:46:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



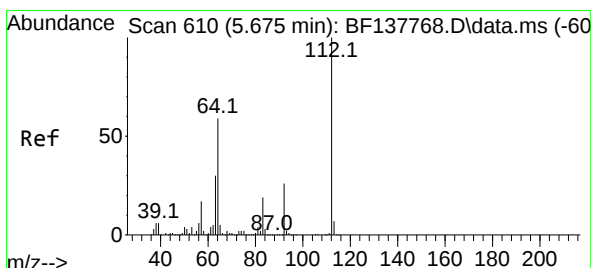
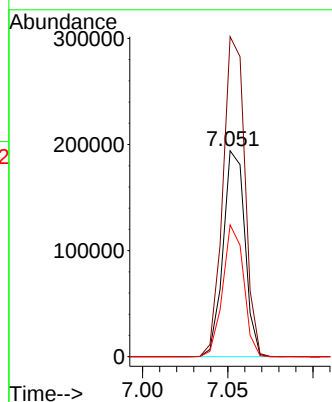
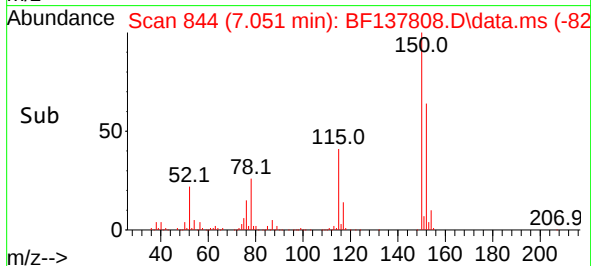


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.051 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137808.D
 Acq: 02 May 2024 11:09

Instrument :
 BNA_F
 ClientSampleId :

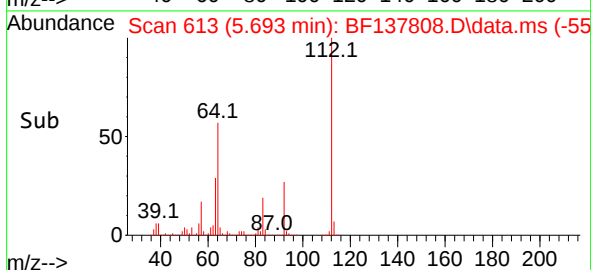
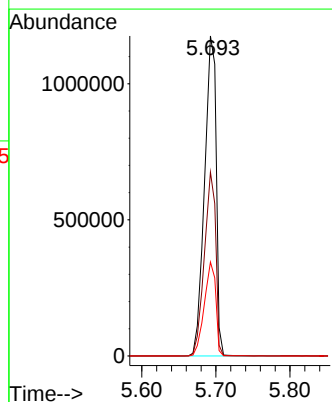
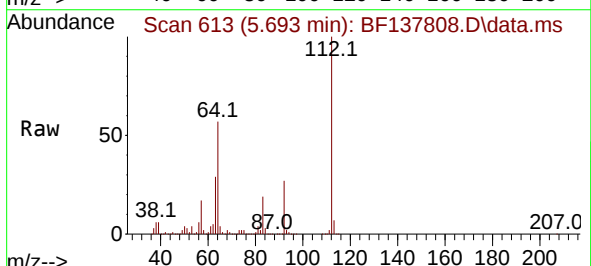


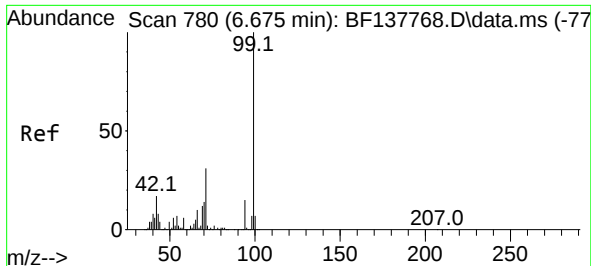
Tgt Ion:152 Resp: 172442
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.1 186.1
 115 64.1 49.1 73.7



#5
 2-Fluorophenol
 Concen: 125.439 ng
 RT: 5.693 min Scan# 613
 Delta R.T. 0.018 min
 Lab File: BF137808.D
 Acq: 02 May 2024 11:09

Tgt Ion:112 Resp: 1291953
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.3 70.9
 63 29.3 23.7 35.5

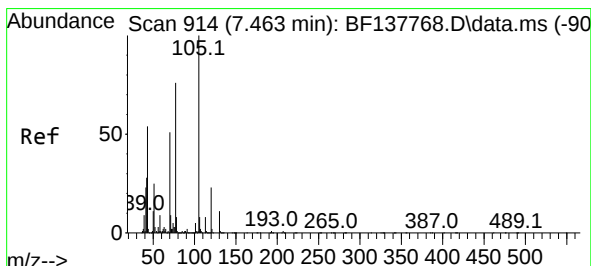
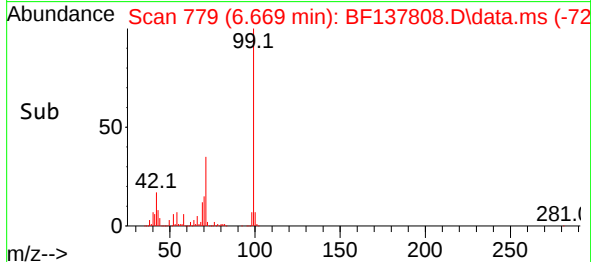
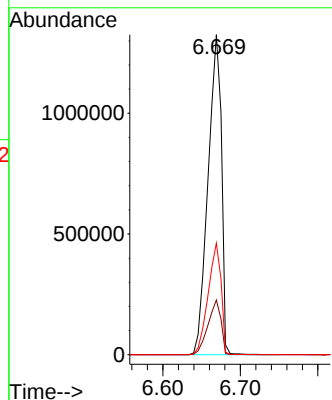
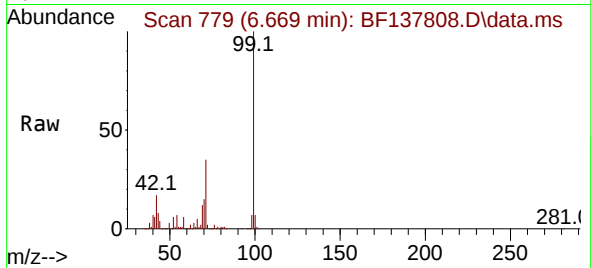




#7
Phenol-d6
Concen: 121.861 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

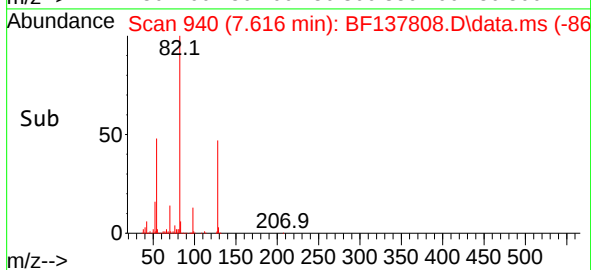
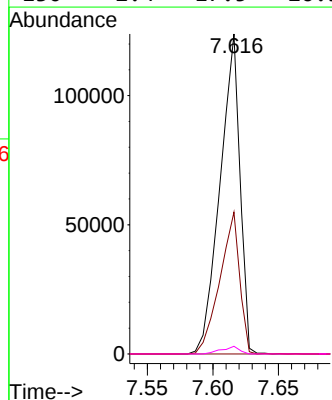
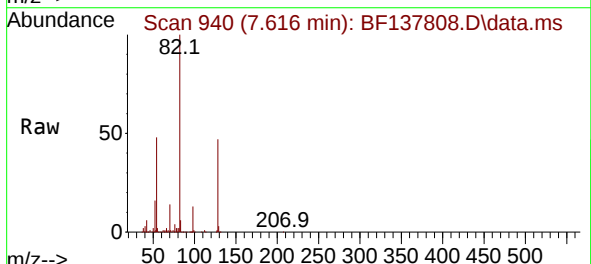
Instrument :
BNA_F
ClientSampleId :

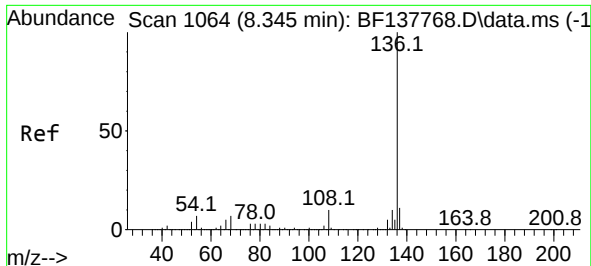
Tgt Ion: 99 Resp: 1591973
Ion Ratio Lower Upper
99 100
42 17.1 13.2 19.8
71 34.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.760 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion: 70 Resp: 130846
Ion Ratio Lower Upper
70 100
42 44.3 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#

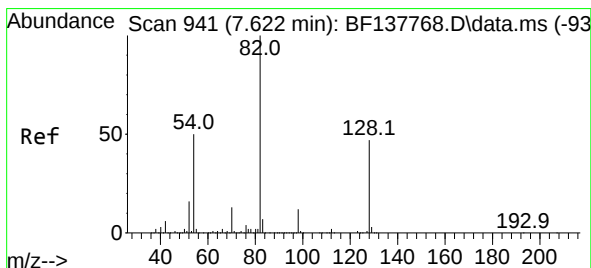
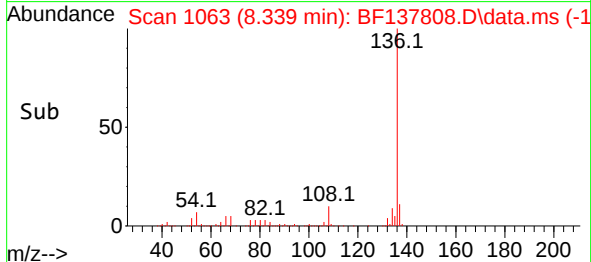
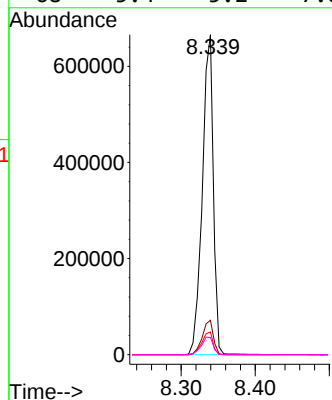
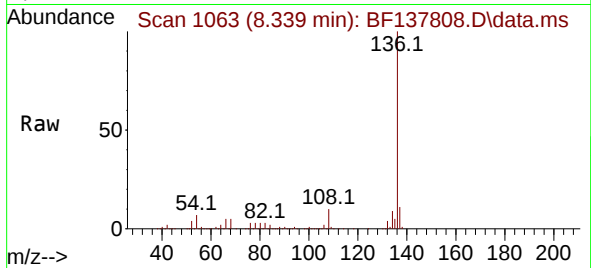




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

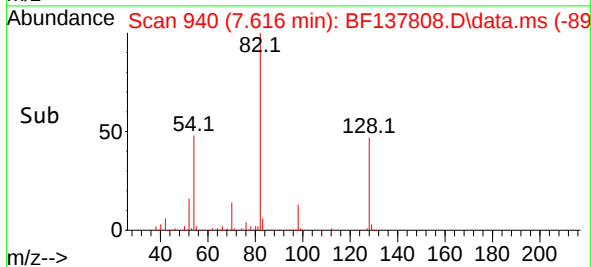
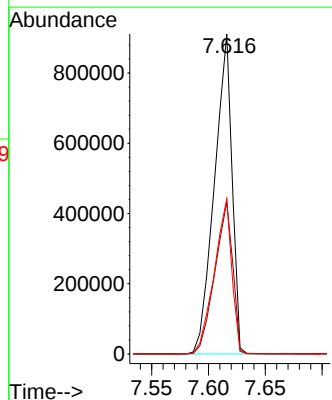
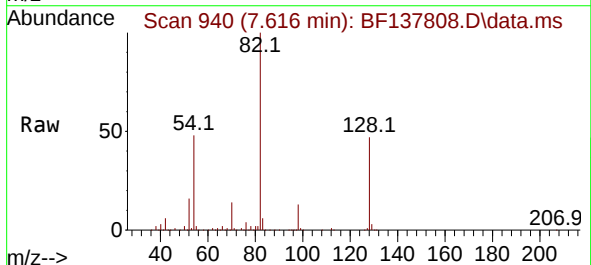
Instrument :
BNA_F
ClientSampleId :

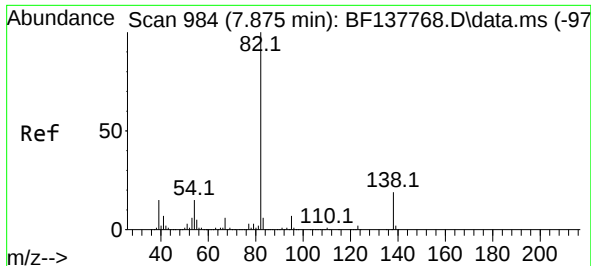
Tgt	Ion:136	Resp:	685125
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.8	8.8
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 83.357 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

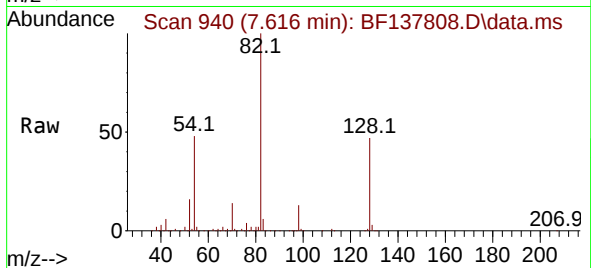
Tgt Ion: 82	Resp: 982996
Ion Ratio	Lower Upper
82 100	
128 47.4	37.5 56.3
54 48.5	39.8 59.6



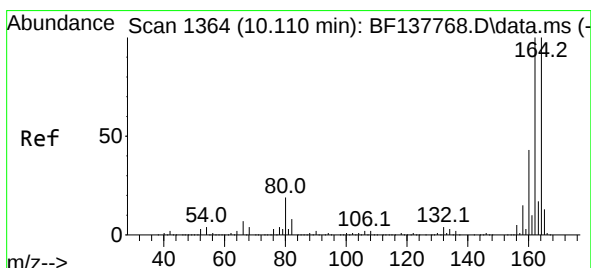
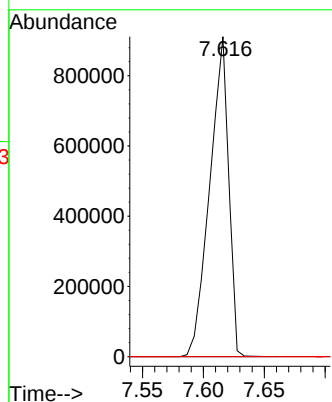
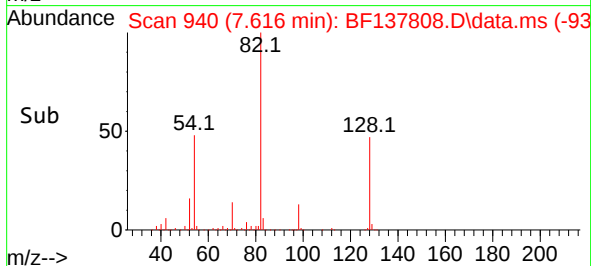


#25
Isophorone
Concen: 46.231 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.259 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

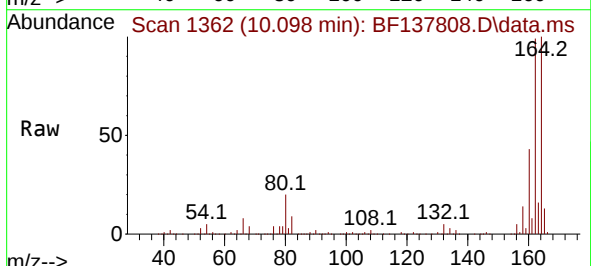
Instrument :
BNA_F
ClientSampleId :



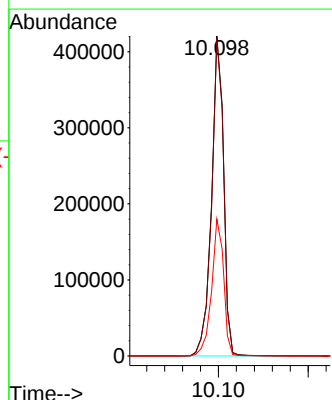
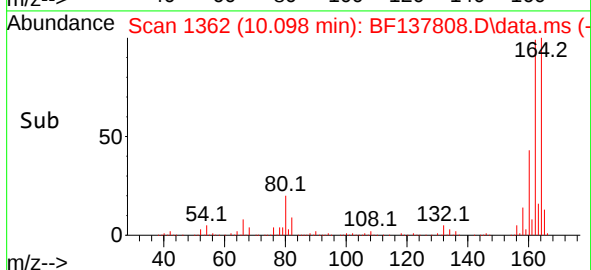
Tgt Ion: 82 Resp: 982969
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

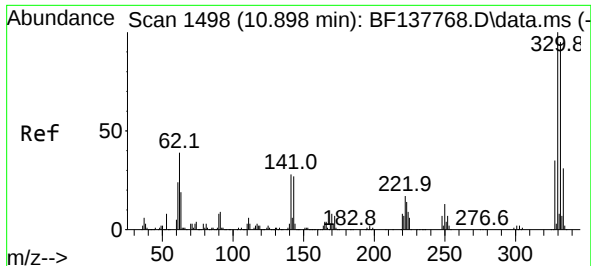


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09



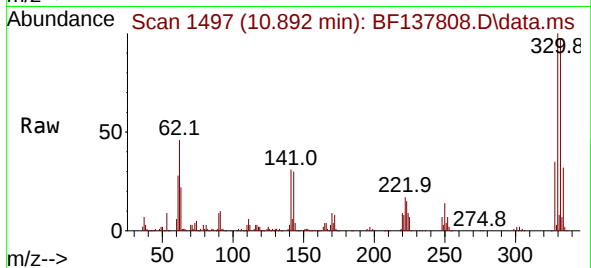
Tgt Ion:164 Resp: 393865
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.6
160 42.8 34.4 51.6



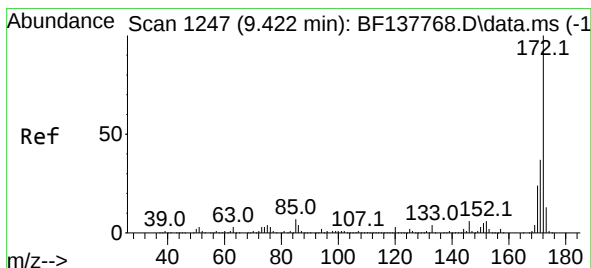
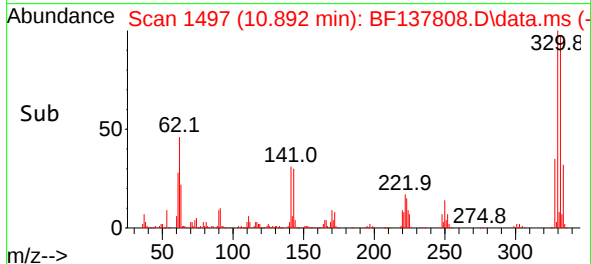
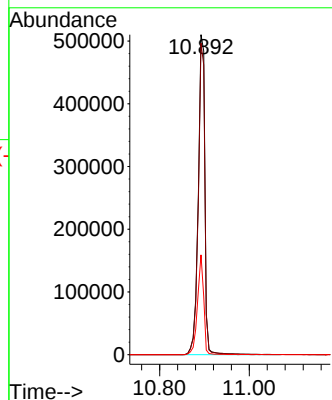


#42
2,4,6-Tribromophenol
Concen: 130.230 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Instrument :
BNA_F
ClientSampleId :

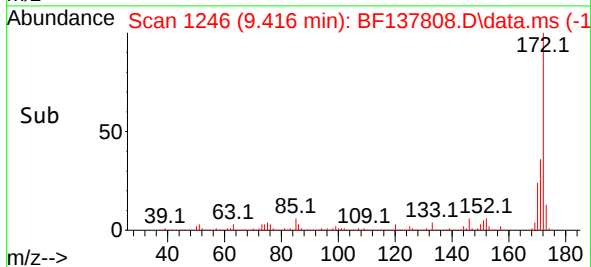
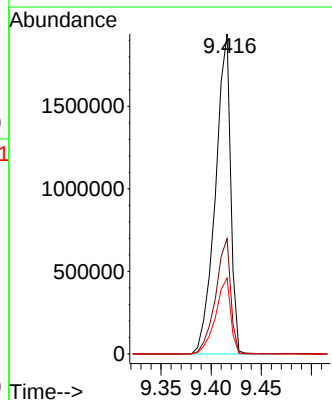
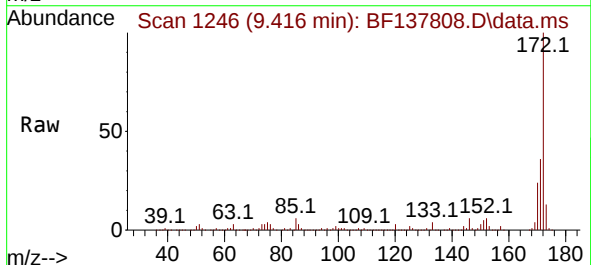


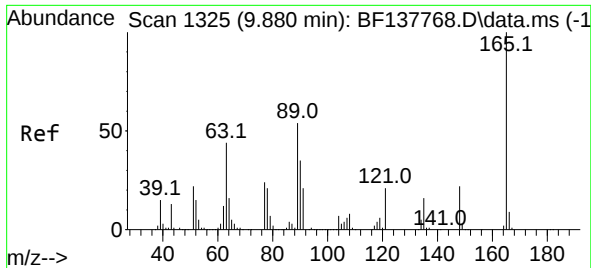
Tgt Ion:330 Resp: 523714
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 28.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.186 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion:172 Resp: 2043796
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.4 29.2

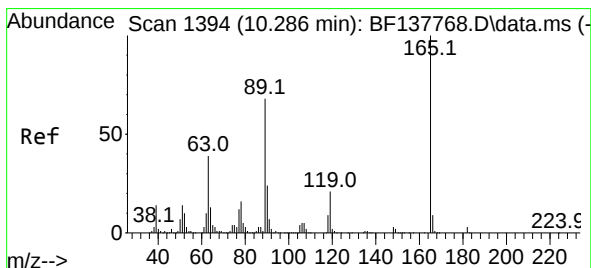
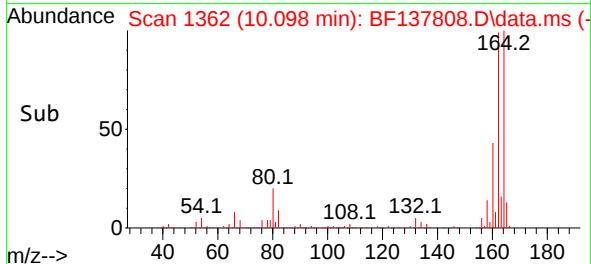
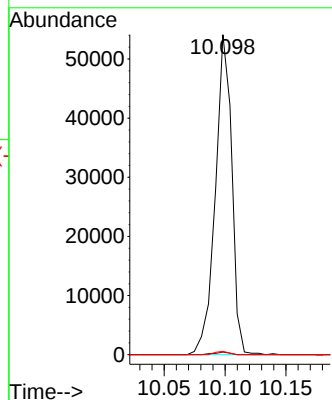
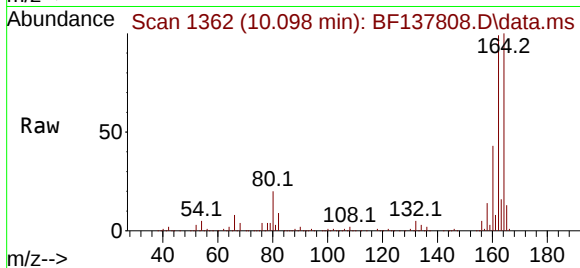




#51
2,6-Dinitrotoluene
Concen: 8.993 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

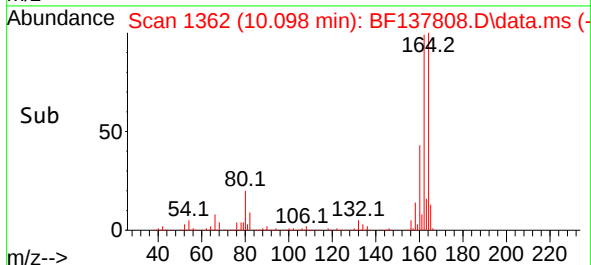
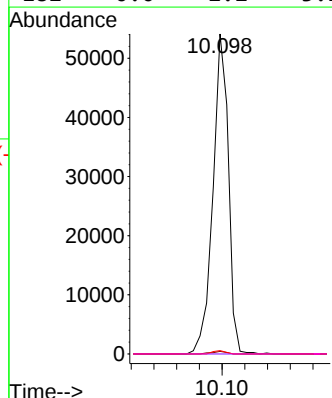
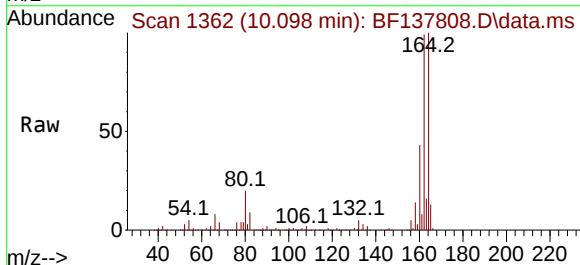
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BNA_F
ClientSampleId :

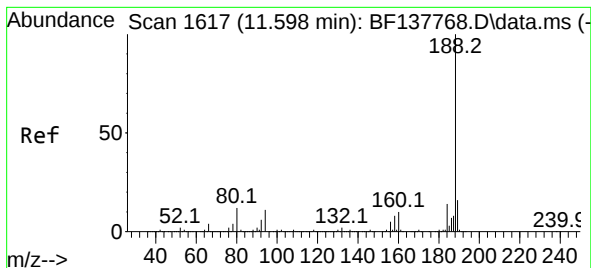
Tgt Ion:165 Resp: 51102
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion:165 Resp: 51103
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: BF137808.D

Acq: 02 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :

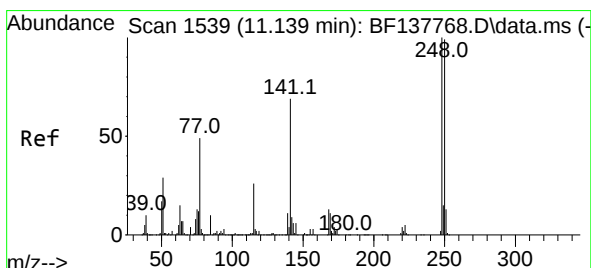
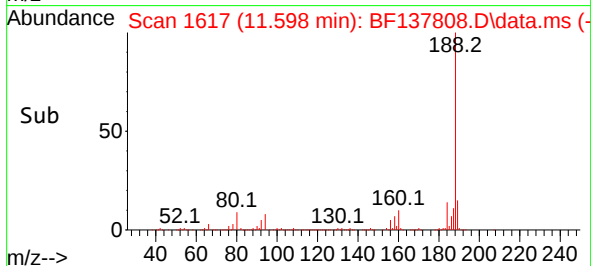
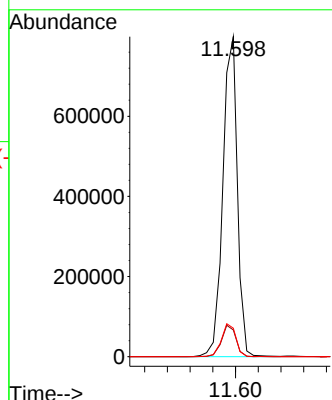
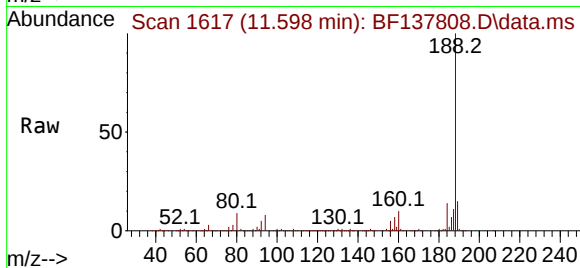
Tgt Ion:188 Resp: 709725

Ion Ratio Lower Upper

188 100

94 8.4 8.8 13.2#

80 8.9 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 4.533 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137808.D

Acq: 02 May 2024 11:09

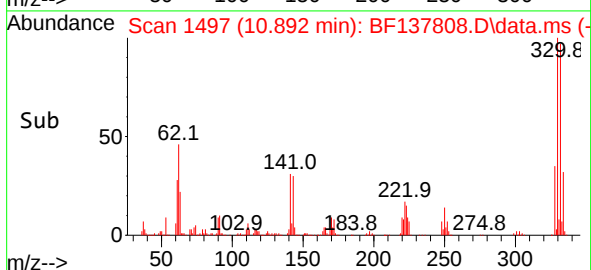
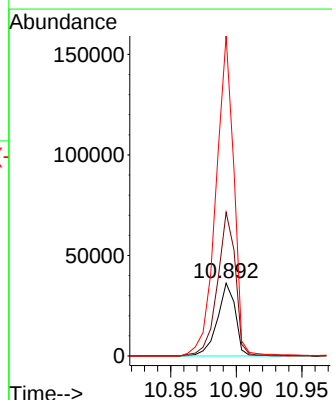
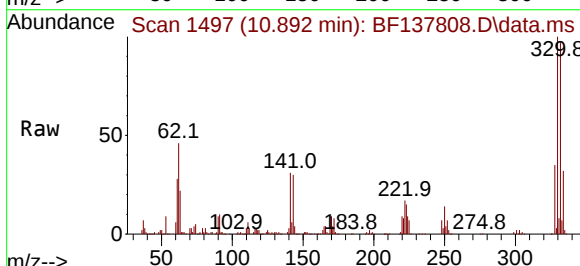
Tgt Ion:248 Resp: 34428

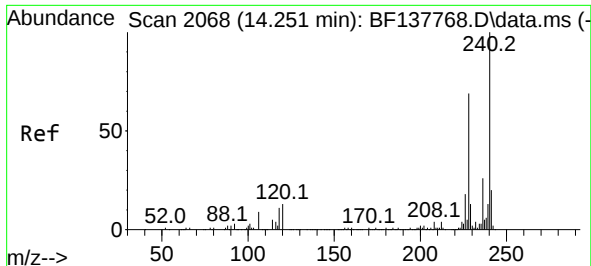
Ion Ratio Lower Upper

248 100

250 197.3 79.1 118.7#

141 439.3 55.4 83.2#

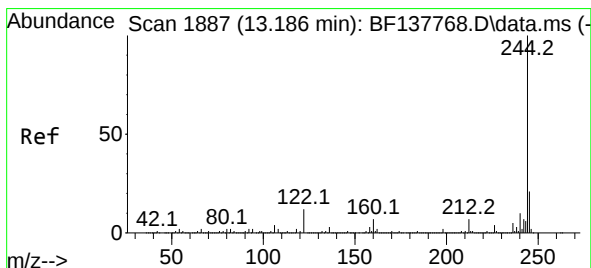
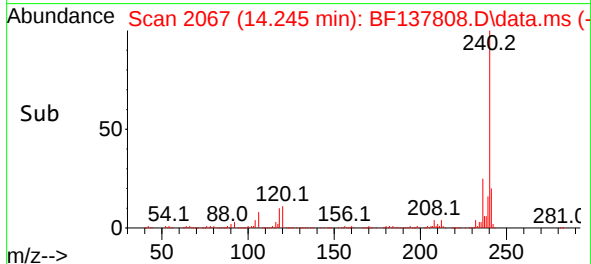
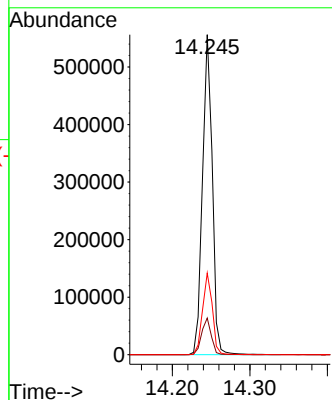
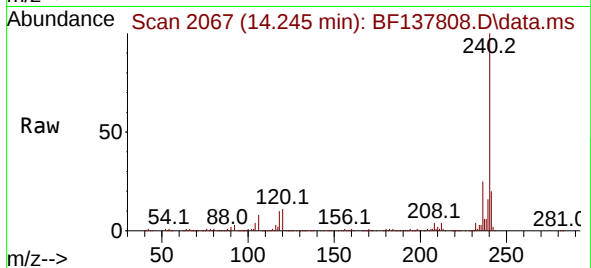




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

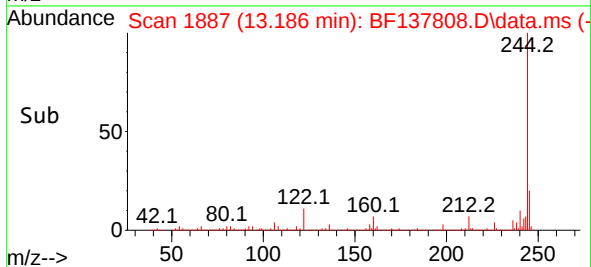
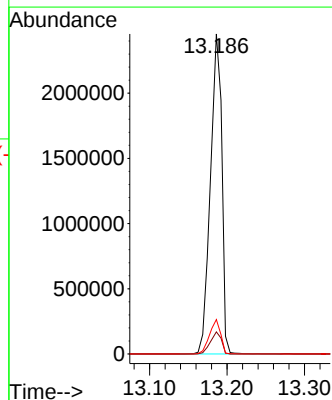
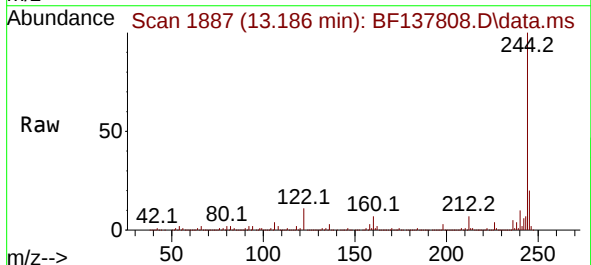
Instrument :
BNA_F
ClientSampleId :

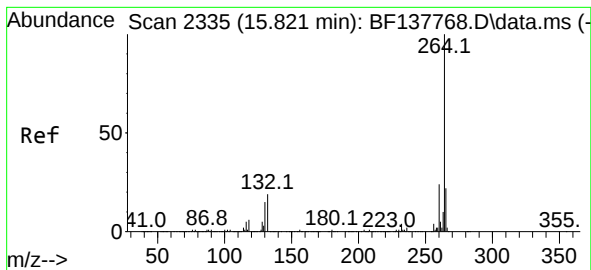
Tgt Ion:240 Resp: 488492
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 25.5 20.4 30.6



#79
Terphenyl-d14
Concen: 85.824 ng
RT: 13.186 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion:244 Resp: 2501646
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.8 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 21

Delta R.T. -0.006 min

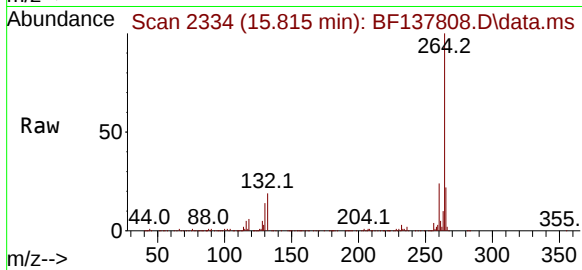
Lab File: BF137808.D

Acq: 02 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 387093

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.6 17.4 26.0

