

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137773.D
 Acq On : 30 Apr 2024 15:52
 Operator : CG\JU
 Sample : PB160553TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160553TB

Quant Time: May 01 03:28:52 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)

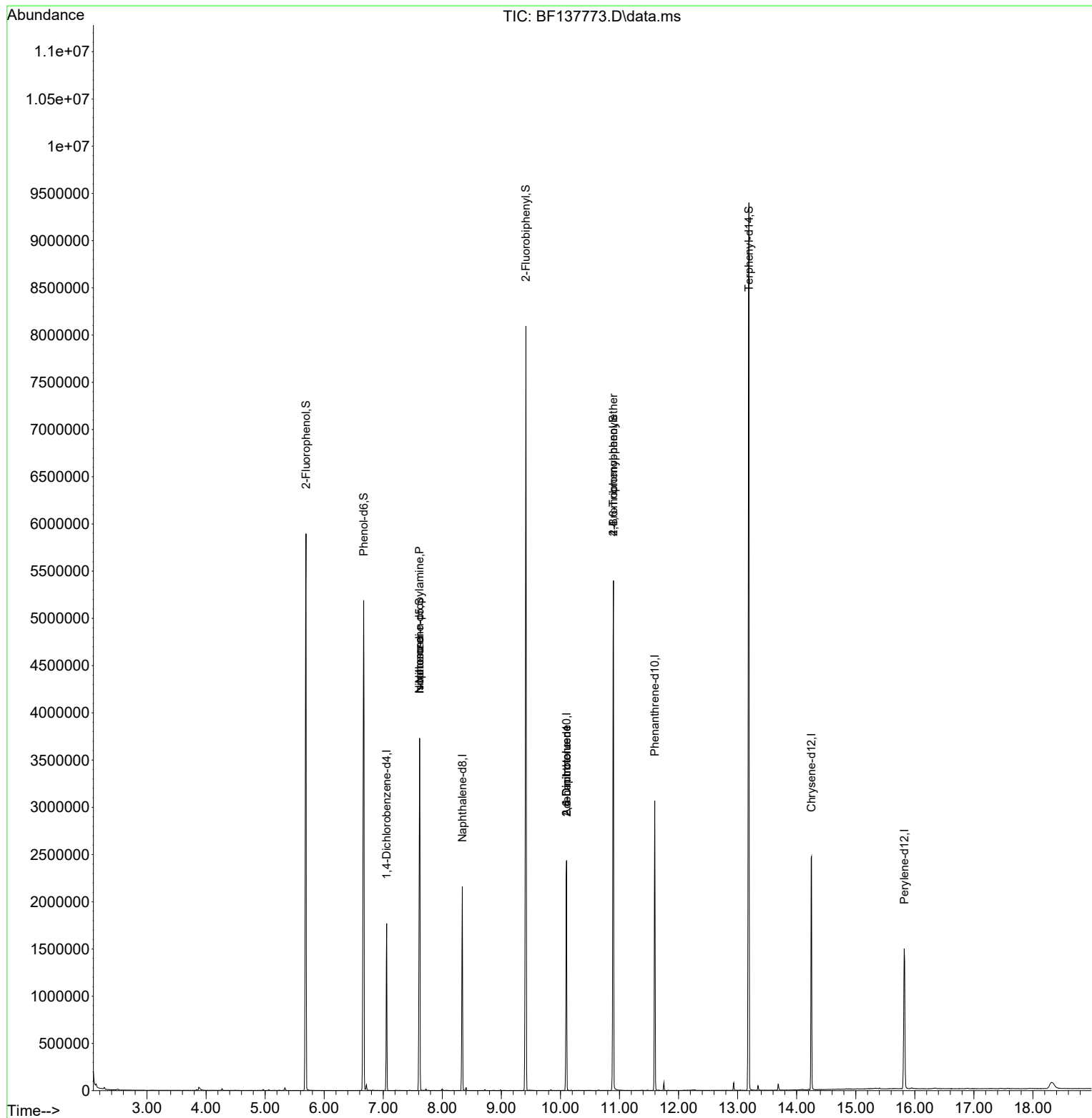
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	251347	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	981552	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	562072	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	1043850	20.000	ng	0.00
76) Chrysene-d12	14.251	240	866522	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	747506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1834846	122.224	ng	0.02
7) Phenol-d6	6.669	99	2314294	121.540	ng	0.00
23) Nitrobenzene-d5	7.616	82	1423865	84.279	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	751187	130.894	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2860486	82.565	ng	0.00
79) Terphenyl-d14	13.192	244	3743574	72.401	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	187425	16.470	ng	# 78
25) Isophorone	7.616	82	1423852	46.743	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	72431	8.932	ng	# 26
57) 2,4-Dinitrotoluene	10.104	165	72431	6.837	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	48670	4.357	ng	# 1

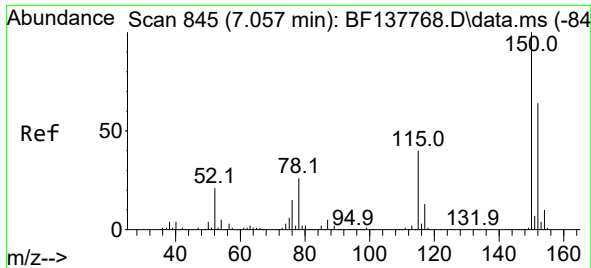
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
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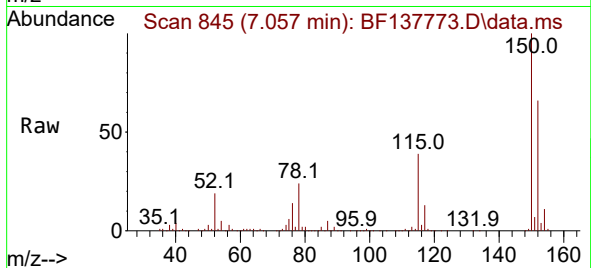
Quant Time: May 01 03:28:52 2024
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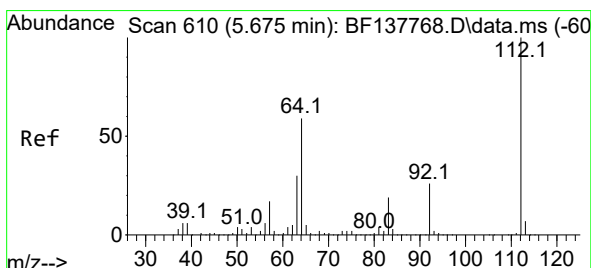
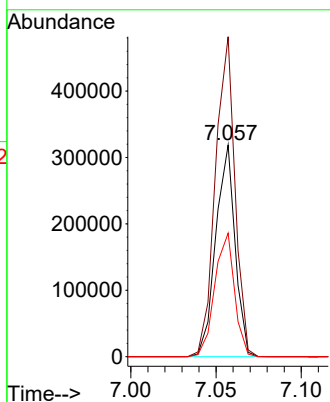
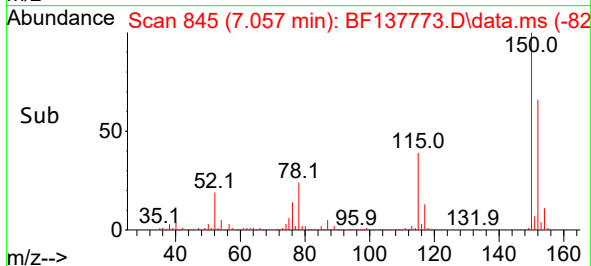


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

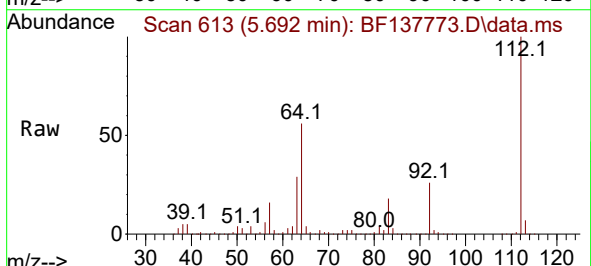
Instrument :
BNA_F
ClientSampleId :
PB160553TB



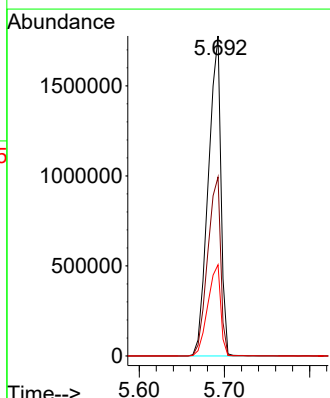
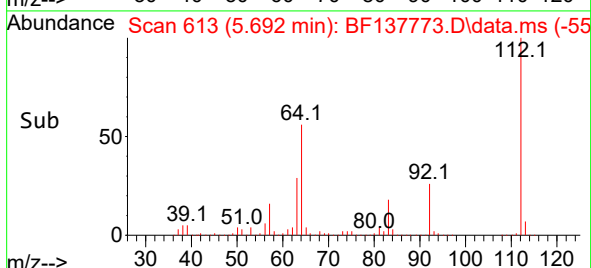
Tgt Ion:152 Resp: 251347
Ion Ratio Lower Upper
152 100
150 151.2 124.1 186.1
115 58.4 49.1 73.7

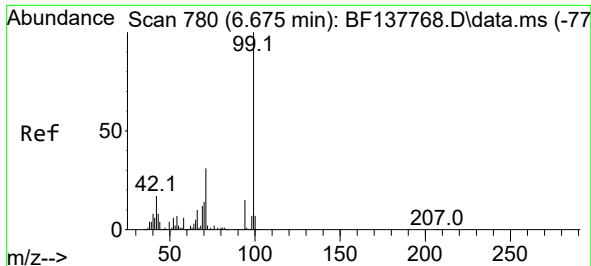


#5
2-Fluorophenol
Concen: 122.224 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52



Tgt Ion:112 Resp: 1834846
Ion Ratio Lower Upper
112 100
64 55.9 47.3 70.9
63 28.5 23.7 35.5





#7

Phenol-d6

Concen: 121.540 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

Instrument :

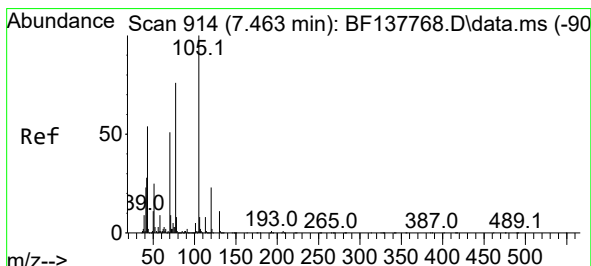
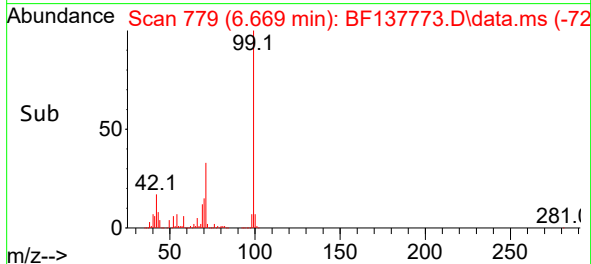
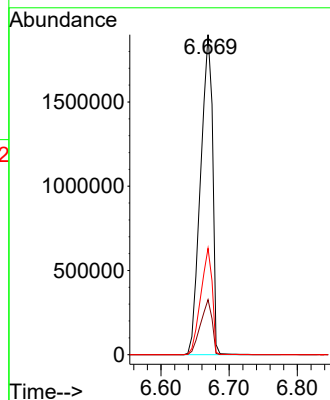
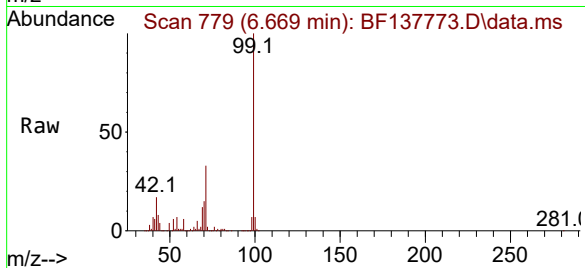
BNA_F

ClientSampleId :

PB160553TB

Tgt Ion: 99 Resp: 2314294

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.2	19.8
71	33.2	25.0	37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.470 ng

RT: 7.616 min Scan# 940

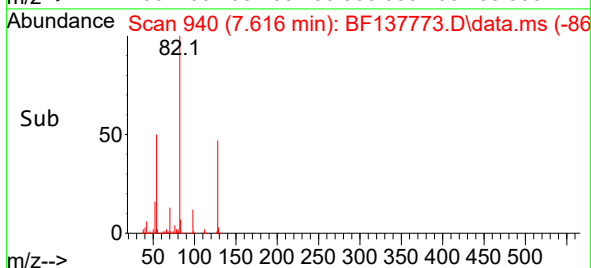
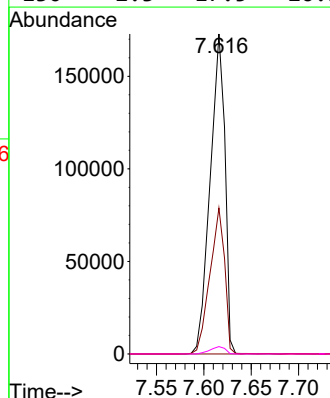
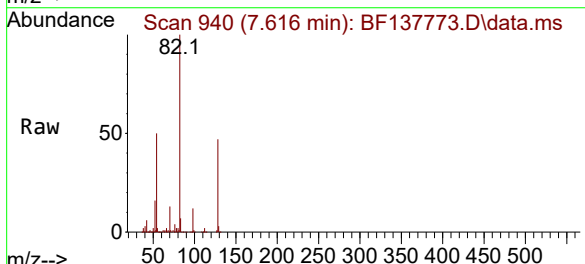
Delta R.T. 0.153 min

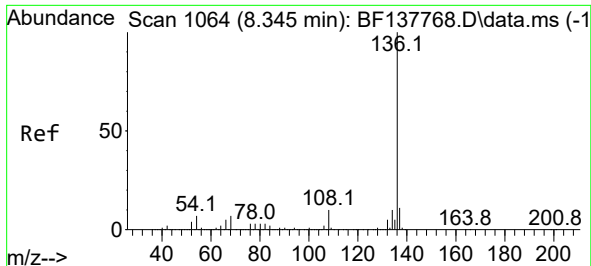
Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

Tgt Ion: 70 Resp: 187425

Ion	Ratio	Lower	Upper
70	100		
42	45.6	44.6	66.8
101	0.0	7.8	11.6#
130	2.3	17.5	26.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

Instrument :

BNA_F

ClientSampleId :

PB160553TB

Tgt Ion:136 Resp: 981552

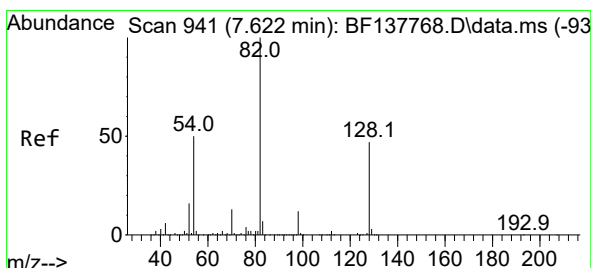
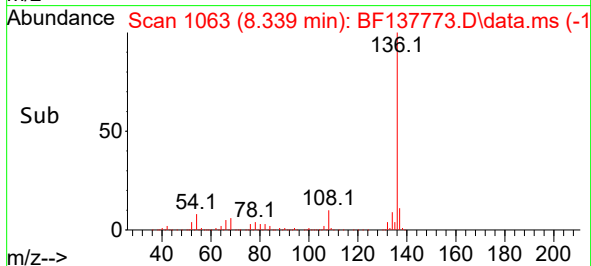
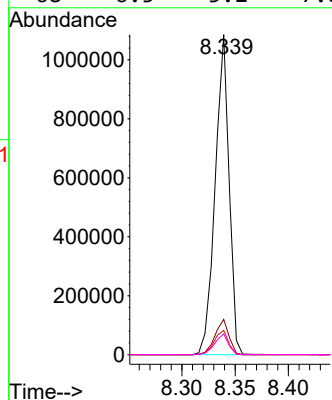
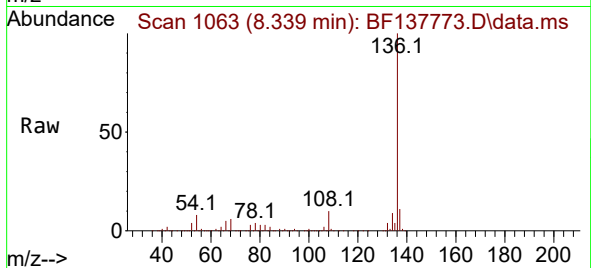
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.6 5.8 8.8

68 6.5 5.2 7.8



#23

Nitrobenzene-d5

Concen: 84.279 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

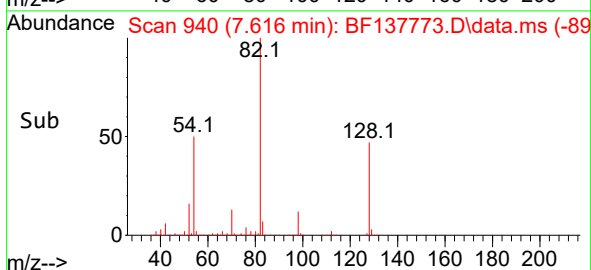
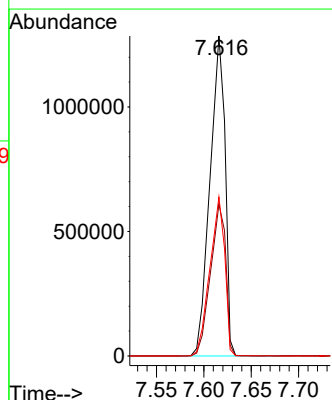
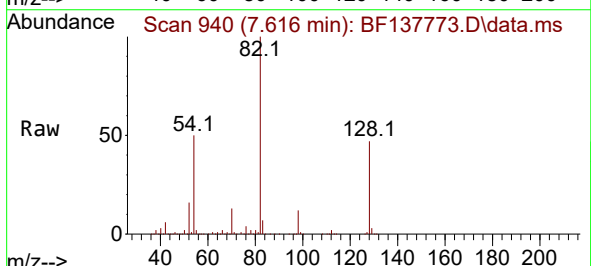
Tgt Ion: 82 Resp: 1423865

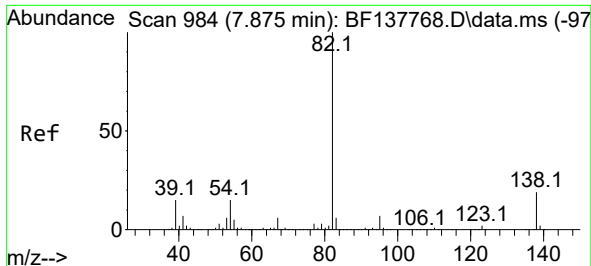
Ion Ratio Lower Upper

82 100

128 47.4 37.5 56.3

54 49.6 39.8 59.6

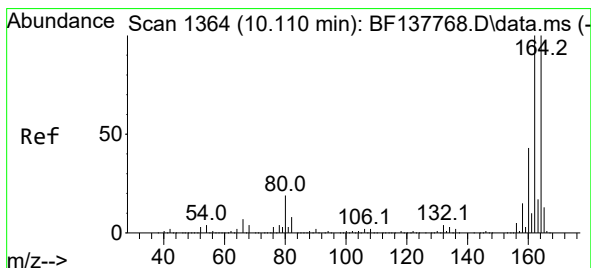
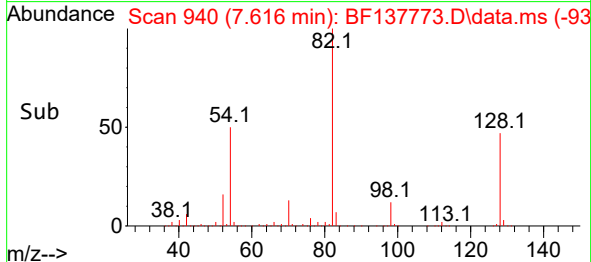
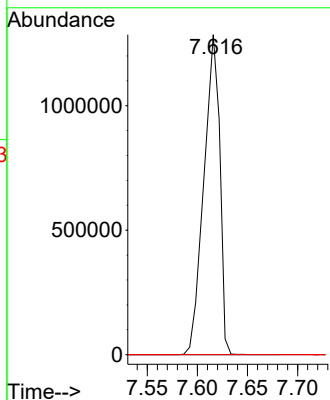
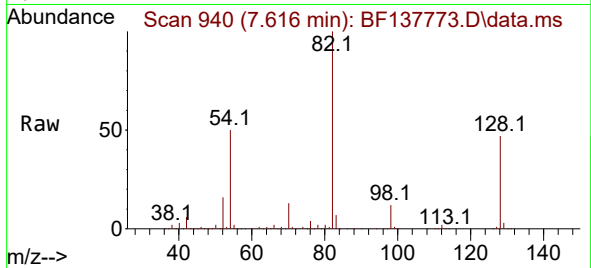




#25
Isophorone
Concen: 46.743 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

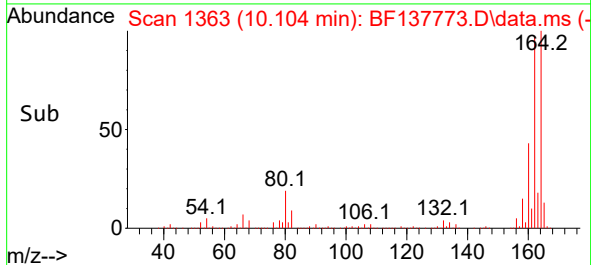
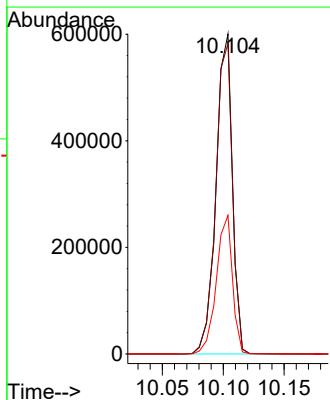
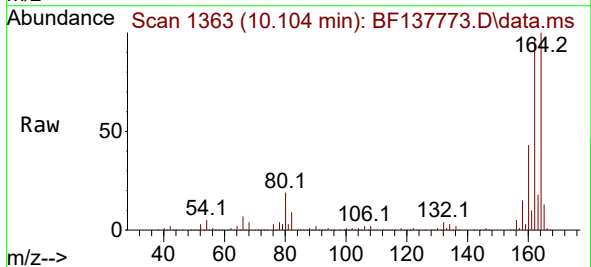
Instrument :
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ClientSampleId :
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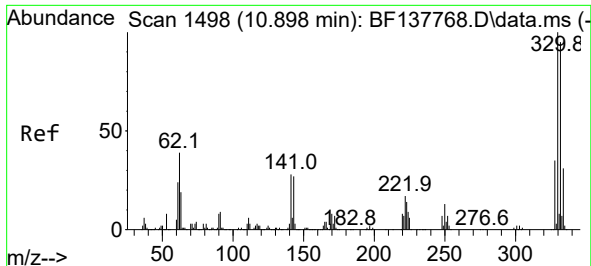
Tgt Ion: 82 Resp: 1423852
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

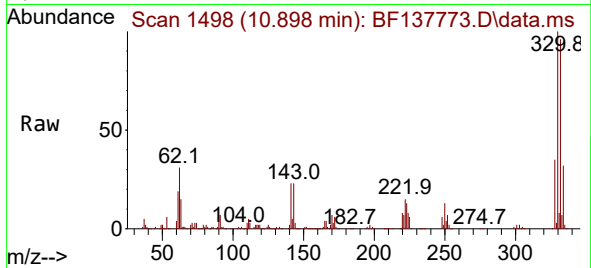
Tgt Ion:164 Resp: 562072
Ion Ratio Lower Upper
164 100
162 97.0 79.8 119.6
160 43.3 34.4 51.6



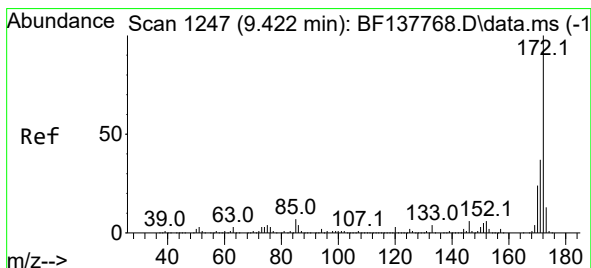
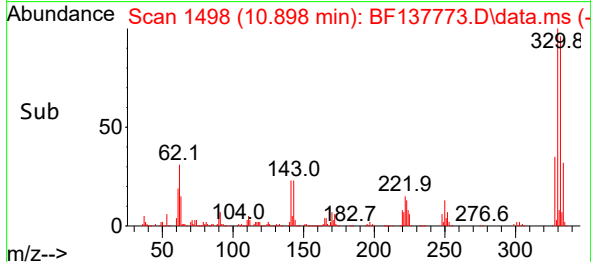
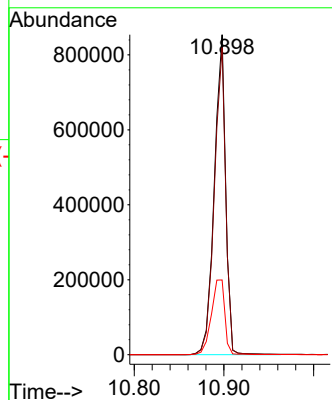


#42
2,4,6-Tribromophenol
Concen: 130.894 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

Instrument :
BNA_F
ClientSampleId :
PB160553TB

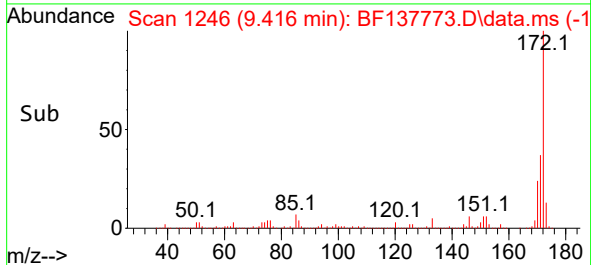
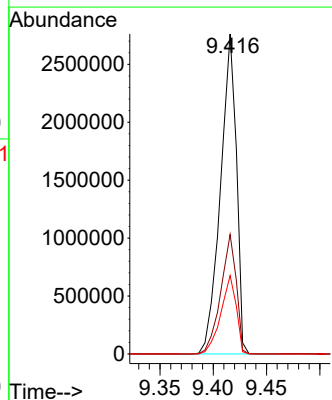
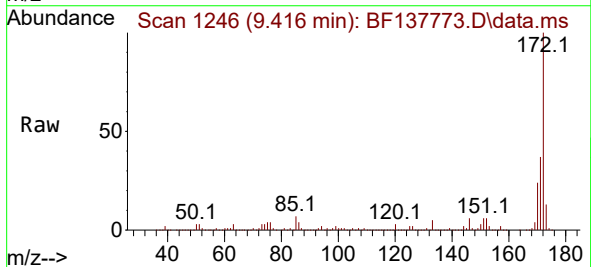


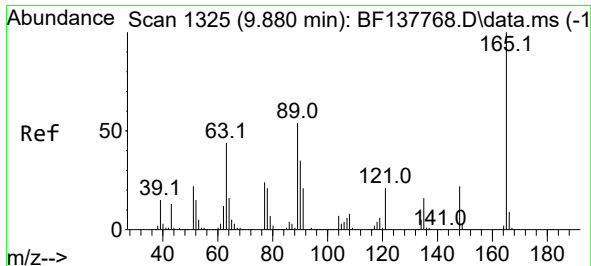
Tgt Ion:330 Resp: 751187
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 27.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.565 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

Tgt Ion:172 Resp: 2860486
Ion Ratio Lower Upper
172 100
171 37.4 29.6 44.4
170 24.5 19.4 29.2

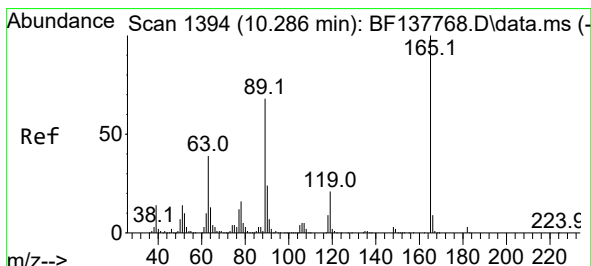
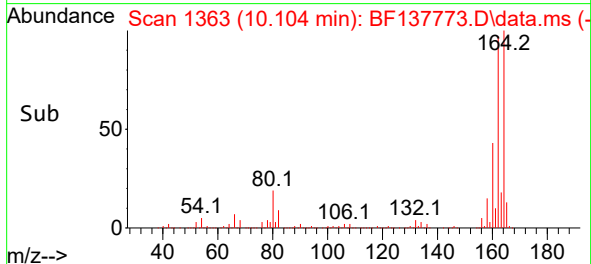
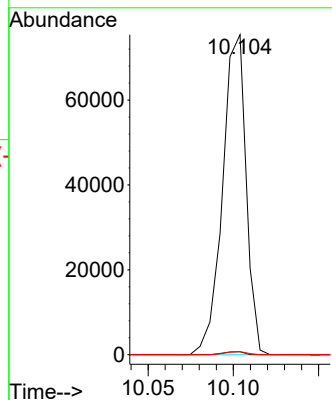
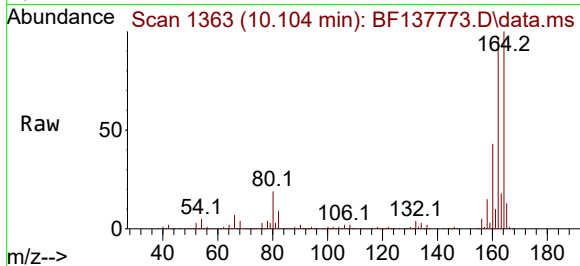




#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.223 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

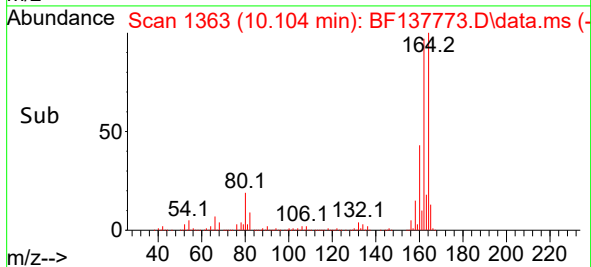
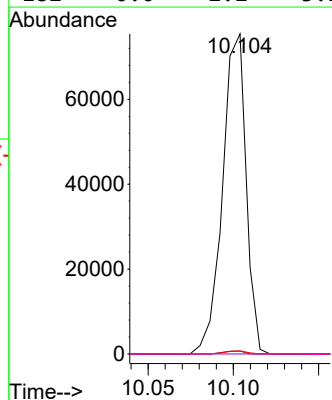
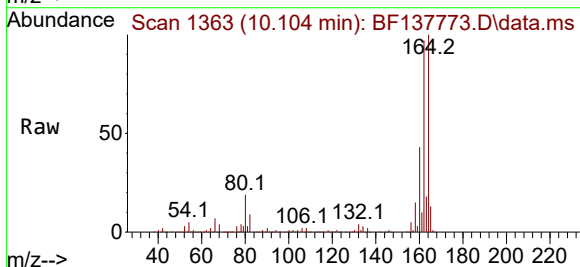
Instrument :
BNA_F
ClientSampleId :
PB160553TB

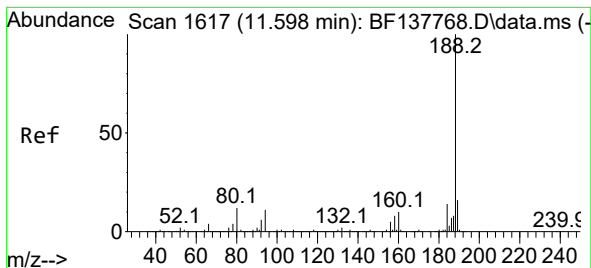
Tgt Ion:165 Resp: 72431
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137773.D
Acq: 30 Apr 2024 15:52

Tgt Ion:165 Resp: 72431
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 0.9 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: BF137773.D

Acq: 30 Apr 2024 15:52

Instrument :

BNA_F

ClientSampleId :

PB160553TB

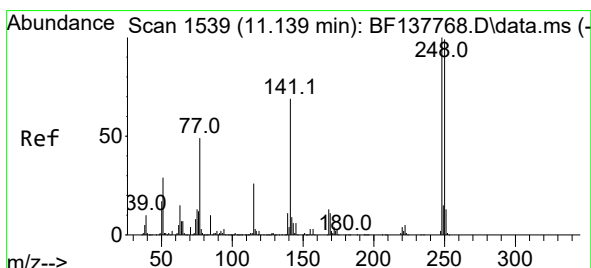
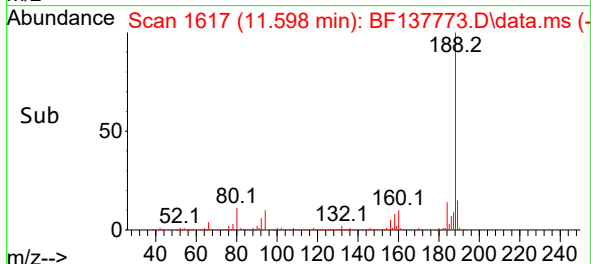
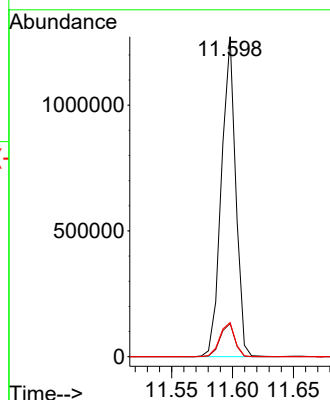
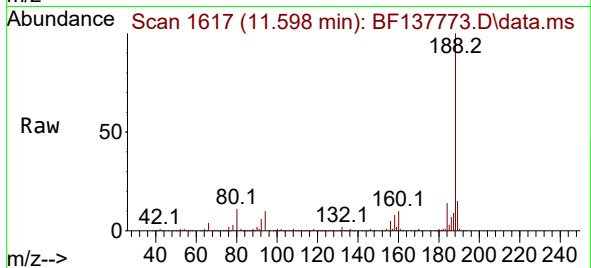
Tgt Ion:188 Resp: 1043850

Ion Ratio Lower Upper

188 100

94 10.4 8.8 13.2

80 10.6 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.357 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

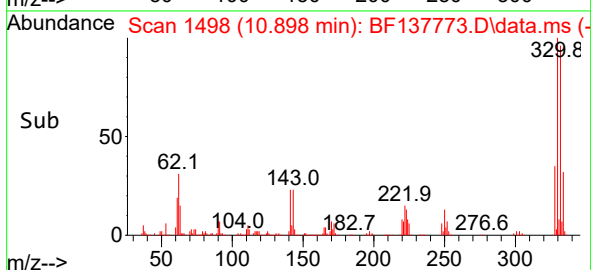
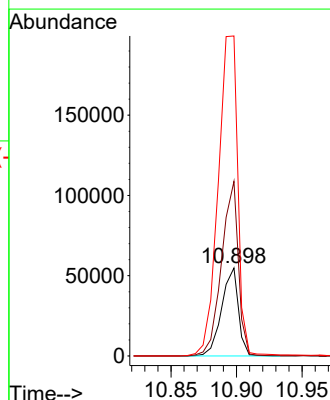
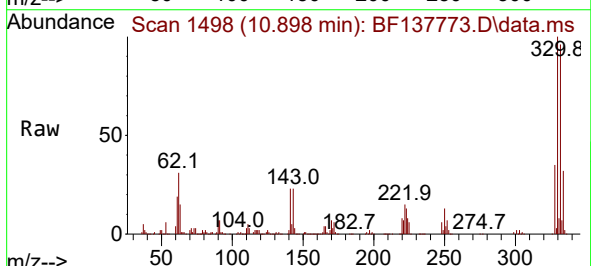
Tgt Ion:248 Resp: 48670

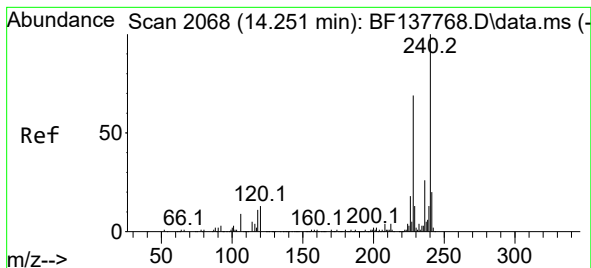
Ion Ratio Lower Upper

248 100

250 198.4 79.1 118.7#

141 363.6 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

Instrument :

BNA_F

ClientSampleId :

PB160553TB

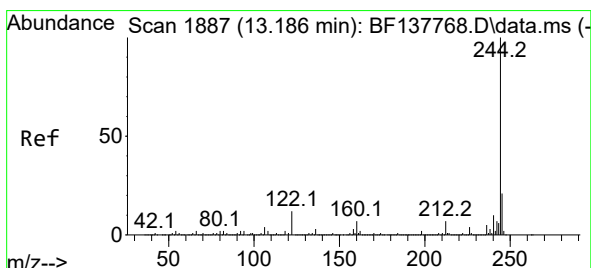
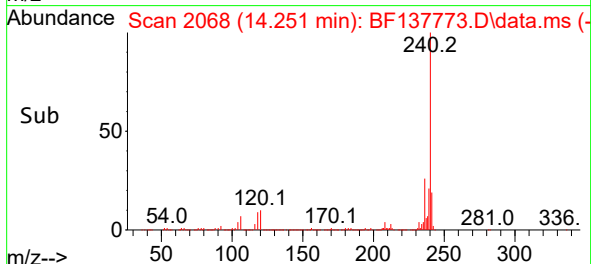
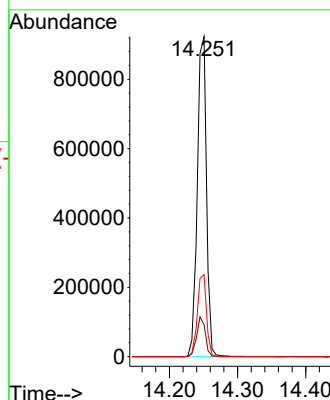
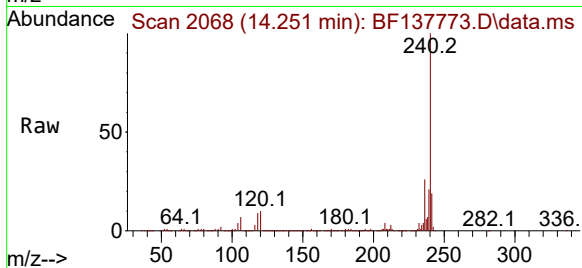
Tgt Ion:240 Resp: 866522

Ion Ratio Lower Upper

240 100

120 10.0 10.4 15.6#

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 72.401 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137773.D

Acq: 30 Apr 2024 15:52

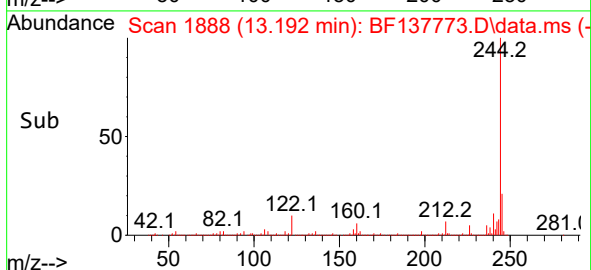
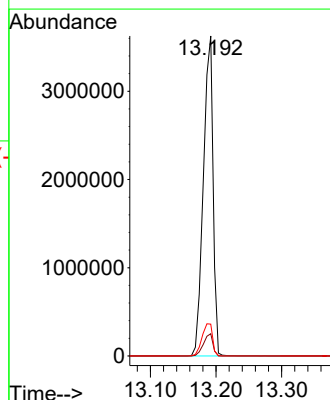
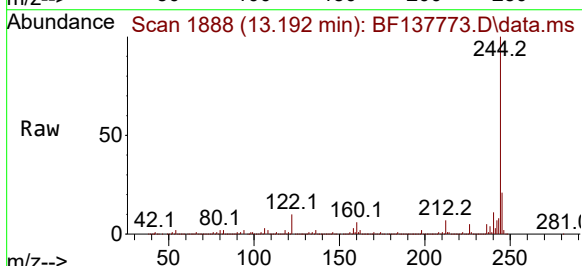
Tgt Ion:244 Resp: 3743574

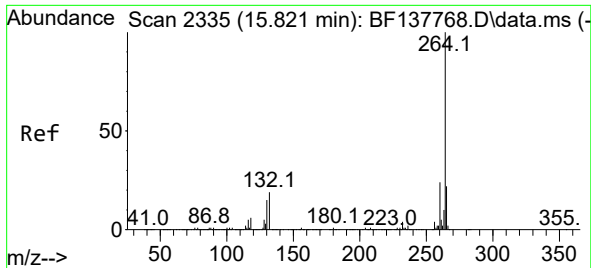
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

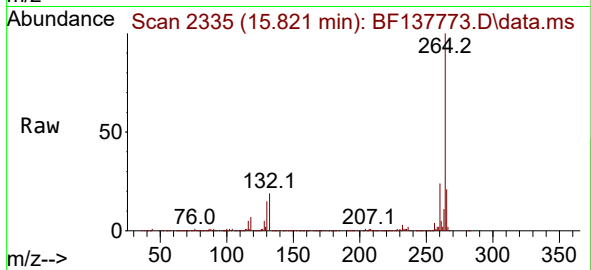
122 10.0 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF137773.D
 Acq: 30 Apr 2024 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB160553TB



Tgt Ion:264 Resp: 747506
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.3 17.4 26.0

