

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137786.D
 Acq On : 01 May 2024 11:42
 Operator : CG\JU
 Sample : PB160621BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 12:53:11 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)

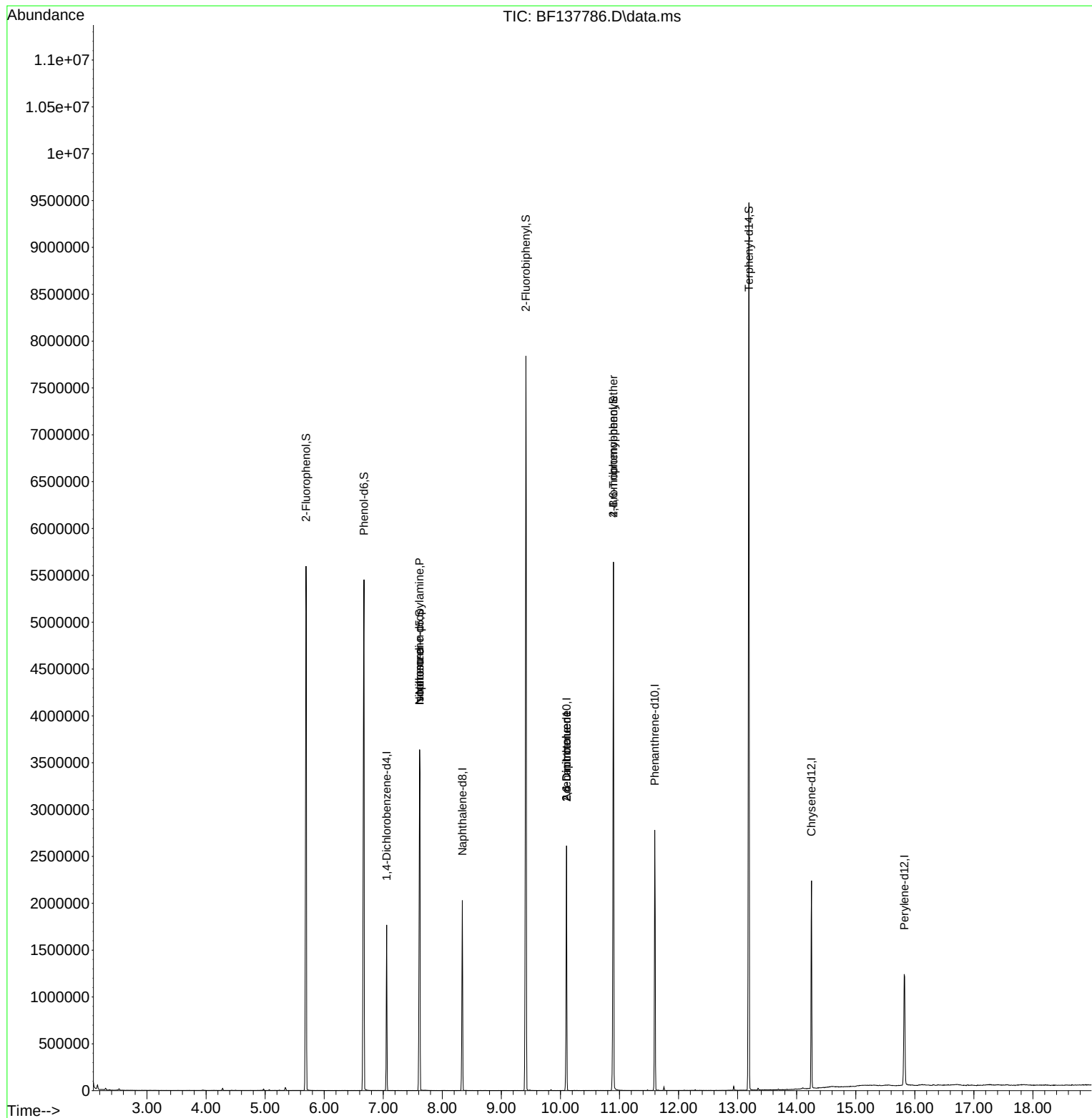
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	238464	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	942920	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	549424	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	978195	20.000	ng	0.00
76) Chrysene-d12	14.251	240	712478	20.000	ng	0.00
86) Perylene-d12	15.821	264	607315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1885526	132.385	ng	0.02
7) Phenol-d6	6.675	99	2307506	127.730	ng	0.00
23) Nitrobenzene-d5	7.616	82	1467556	90.424	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	790494	140.914	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2984614	88.131	ng	0.00
79) Terphenyl-d14	13.192	244	3636037	85.525	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	195779	18.134	ng	# 76
25) Isophorone	7.616	82	1467542	50.151	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	70195	8.856	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	70195	6.779	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	51071	4.878	ng	# 1

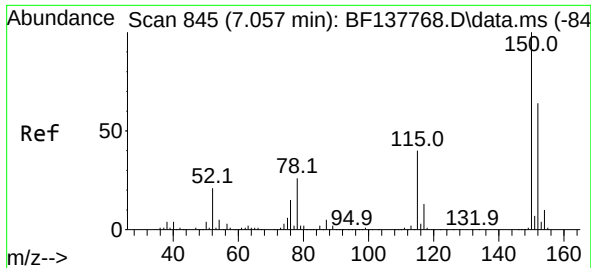
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137786.D
Acq On : 01 May 2024 11:42
Operator : CG\JU
Sample : PB160621BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 12:53:11 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

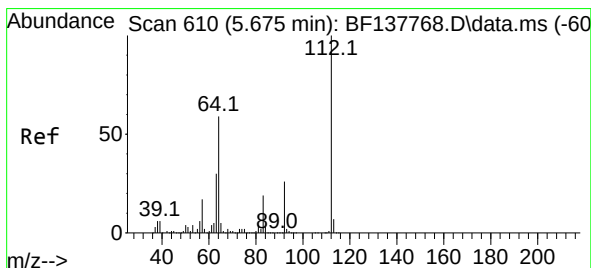
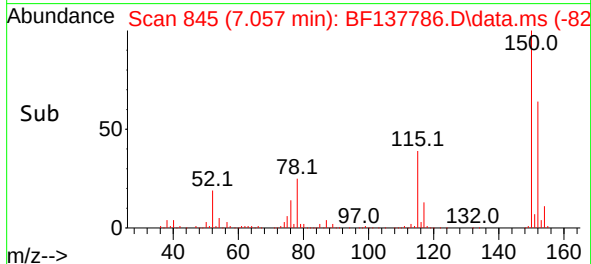
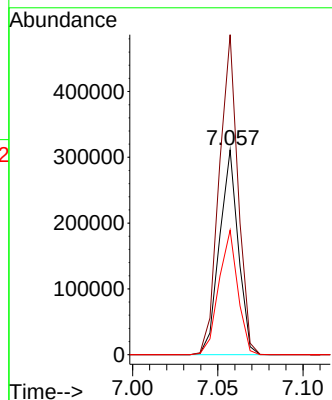
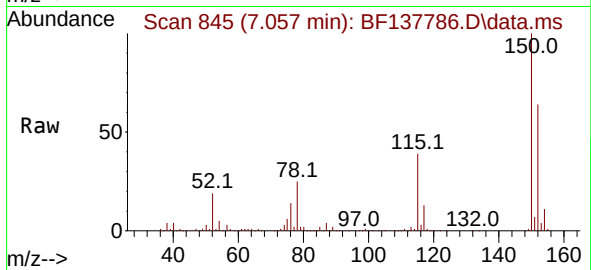




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

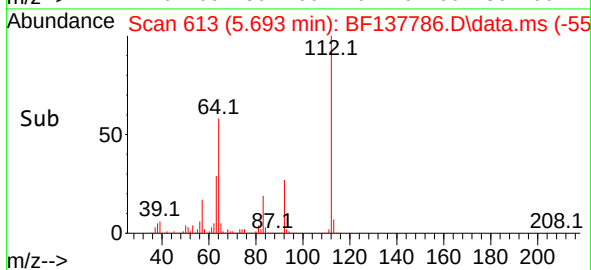
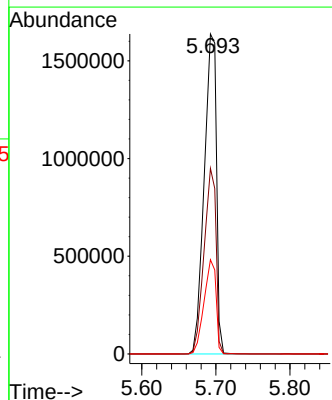
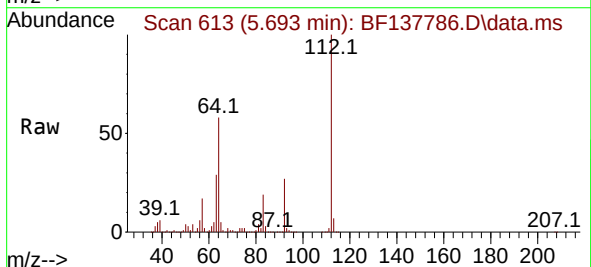
Instrument :
BNA_F
ClientSampleId :

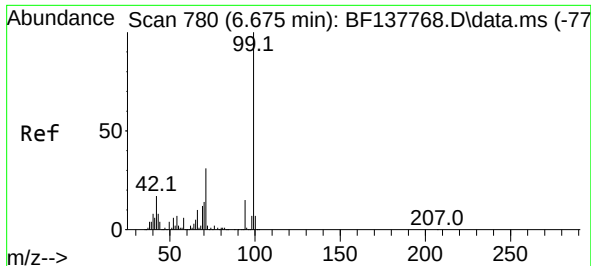
Tgt Ion:152 Resp: 238464
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 60.8 49.1 73.7



#5
2-Fluorophenol
Concen: 132.385 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion:112 Resp: 1885526
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 29.5 23.7 35.5

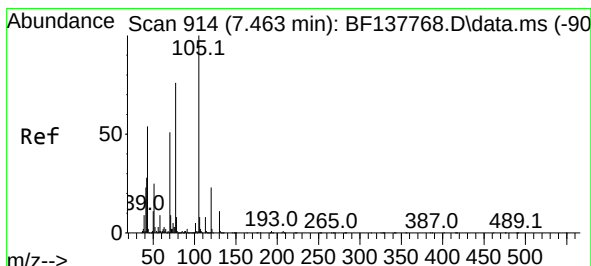
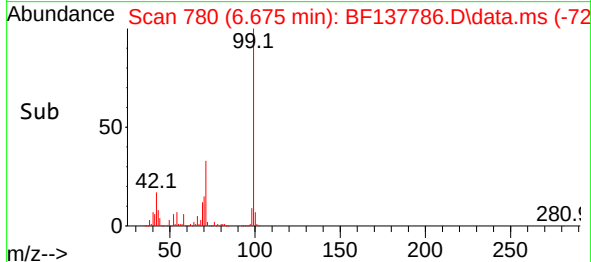
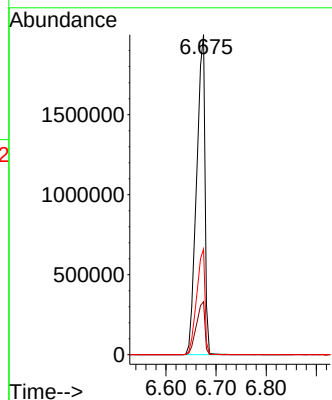
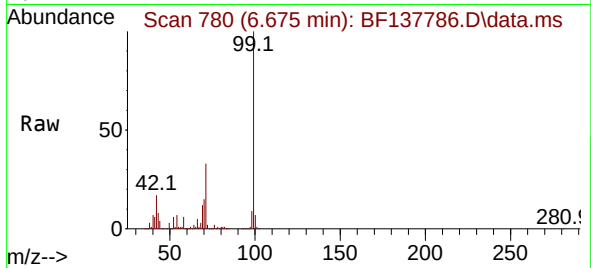




#7
Phenol-d6
Concen: 127.730 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

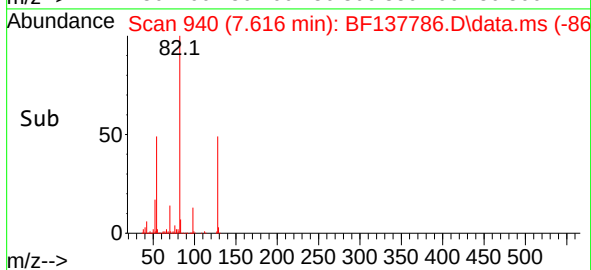
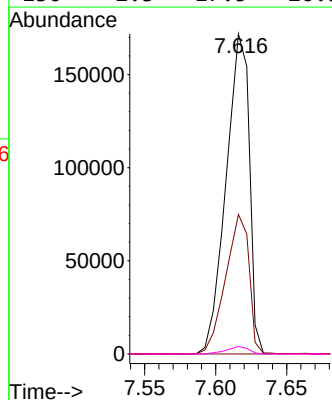
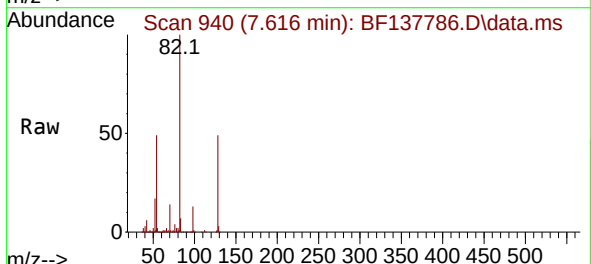
Instrument :
BNA_F
ClientSampleId :

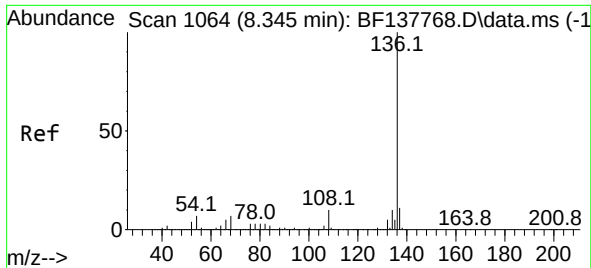
Tgt Ion: 99 Resp: 2307506
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 33.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.134 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

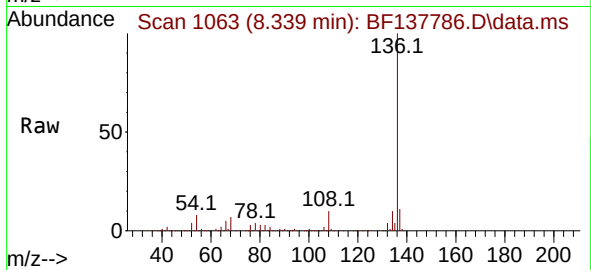
Tgt Ion: 70 Resp: 195779
Ion Ratio Lower Upper
70 100
42 43.6 44.6 66.8#
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#



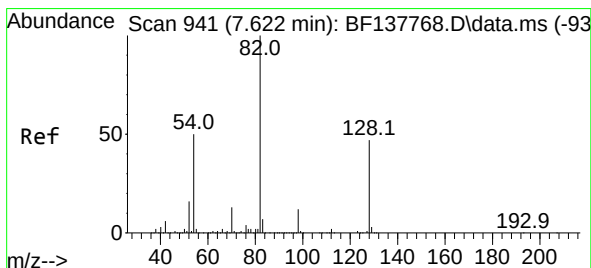
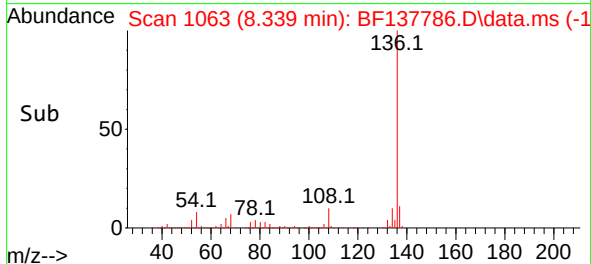
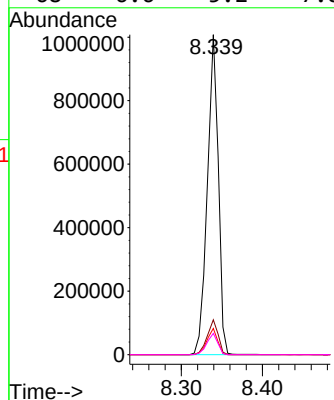


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Instrument :
BNA_F
ClientSampleId :

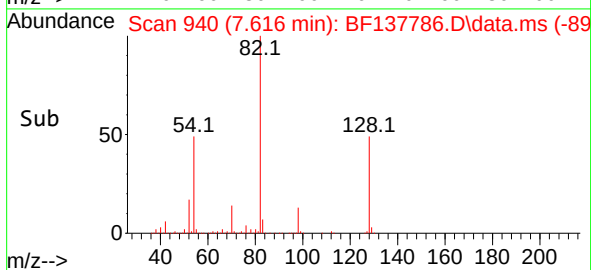
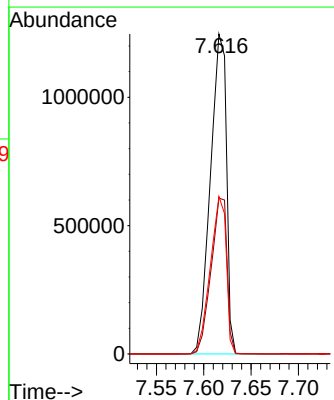
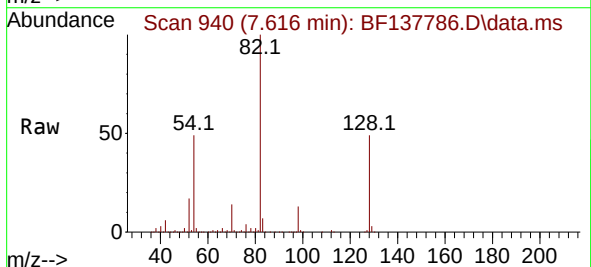


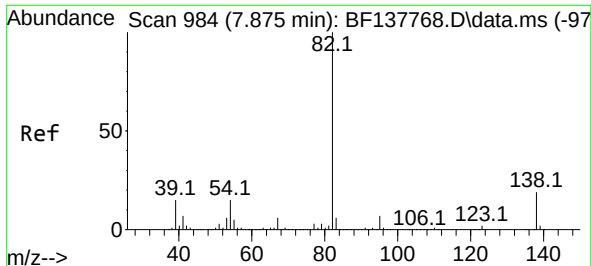
Tgt Ion:136	Resp: 942920
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 8.2	5.8 8.8
68 6.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 90.424 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion: 82		Resp: 1467556	
Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.5	56.3
54	49.2	39.8	59.6

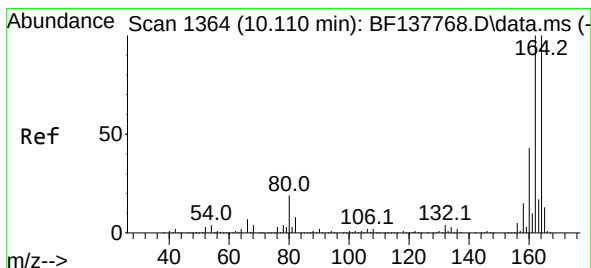
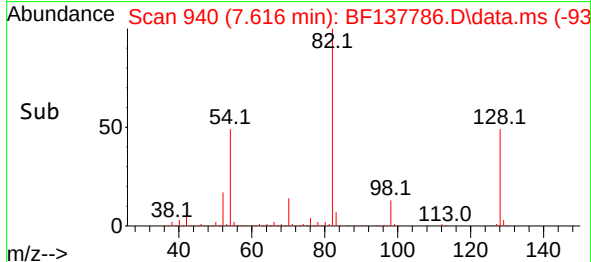
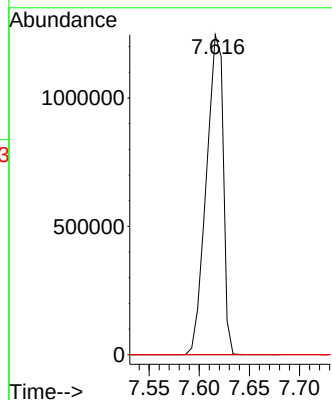
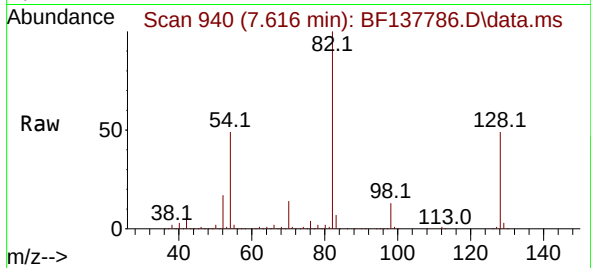




#25
Isophorone
Concen: 50.151 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

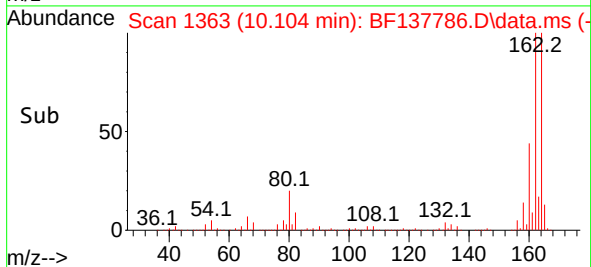
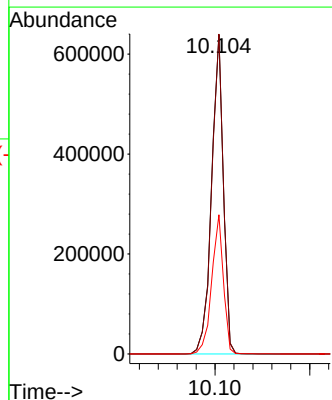
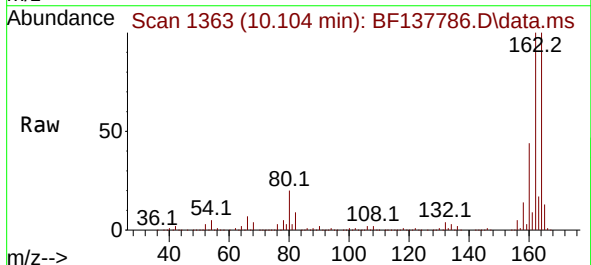
Instrument :
BNA_F
ClientSampleId :

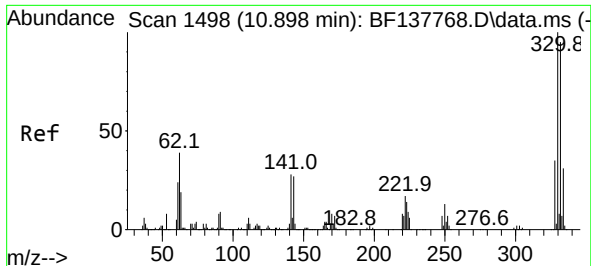
Tgt Ion: 82 Resp: 1467542
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

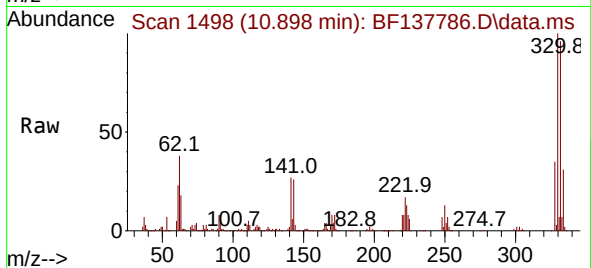
Tgt Ion:164 Resp: 549424
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.6
160 43.6 34.4 51.6



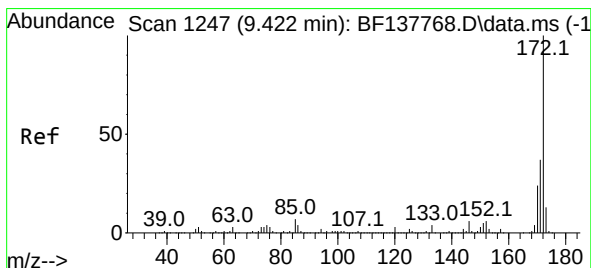
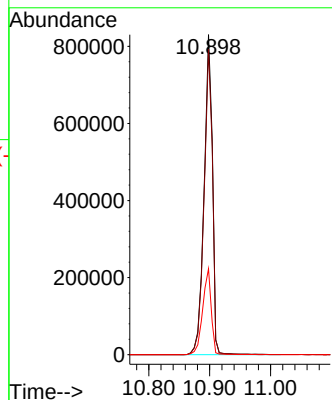
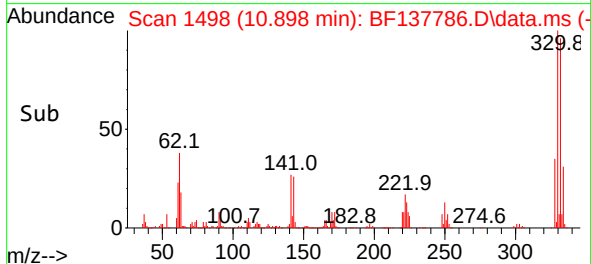


#42
 2,4,6-Tribromophenol
 Concen: 140.914 ng
 RT: 10.898 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BF137786.D
 Acq: 01 May 2024 11:42

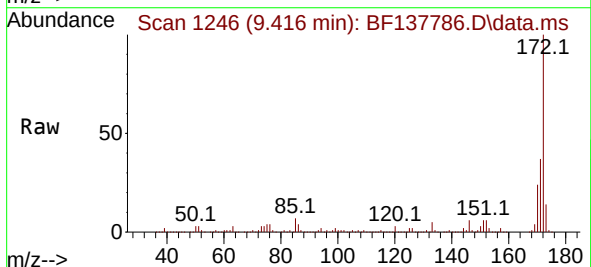
Instrument :
 BNA_F
 ClientSampleId :



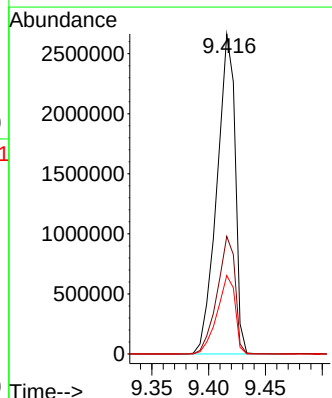
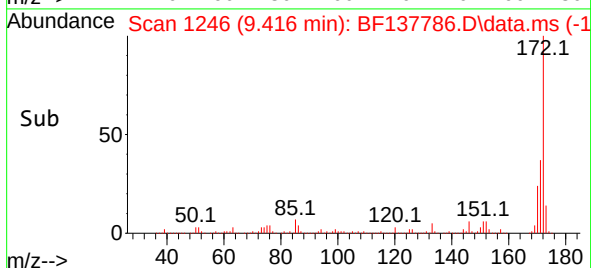
Tgt Ion:330 Resp: 790494
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 27.6 23.8 35.6

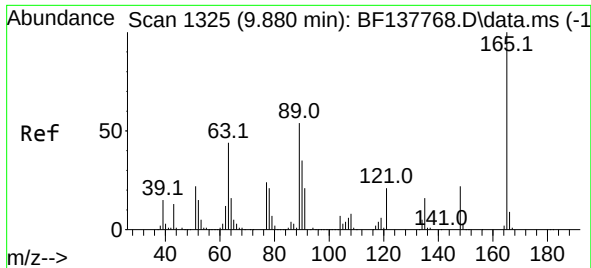


#45
 2-Fluorobiphenyl
 Concen: 88.131 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137786.D
 Acq: 01 May 2024 11:42



Tgt Ion:172 Resp: 2984614
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.5 19.4 29.2

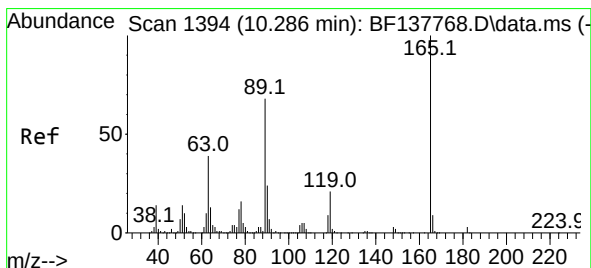
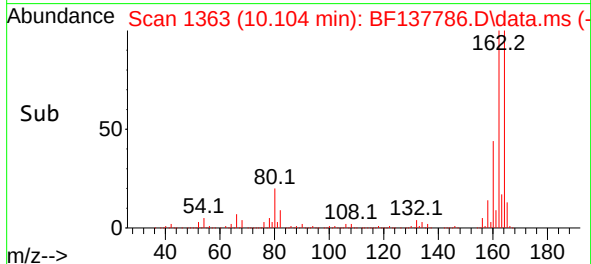
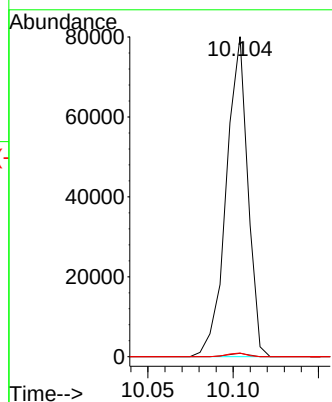
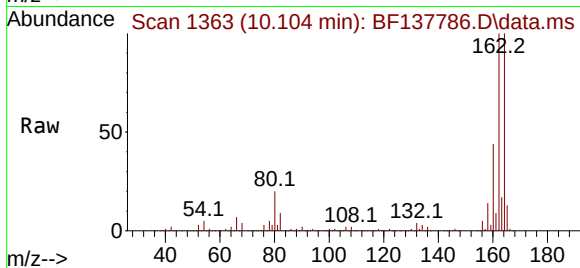




#51
2,6-Dinitrotoluene
Concen: 8.856 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.224 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

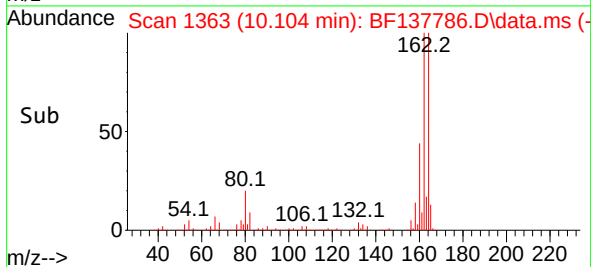
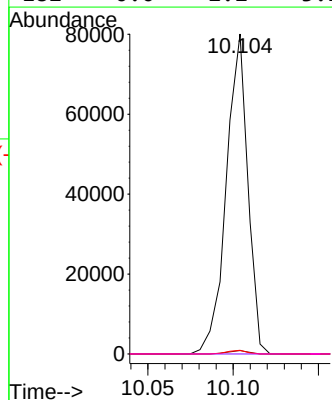
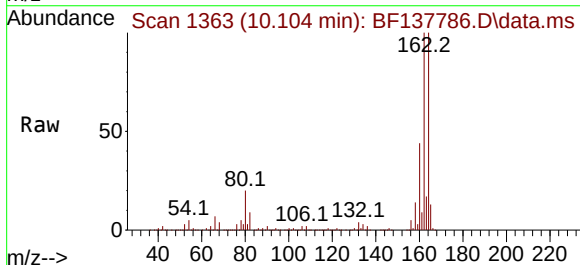
Instrument :
BNA_F
ClientSampleId :

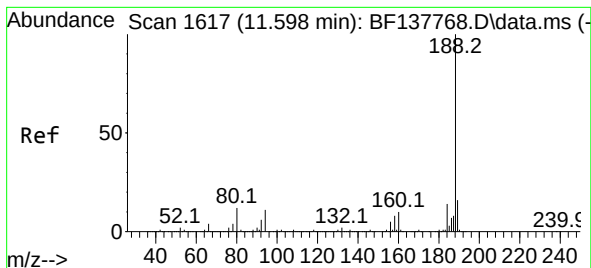
Tgt Ion:165 Resp: 70195
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion:165 Resp: 70195
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.2 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

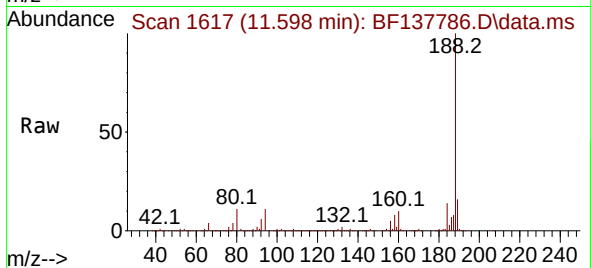
Lab File: BF137786.D

Acq: 01 May 2024 11:42

Instrument :

BNA_F

ClientSampleId :



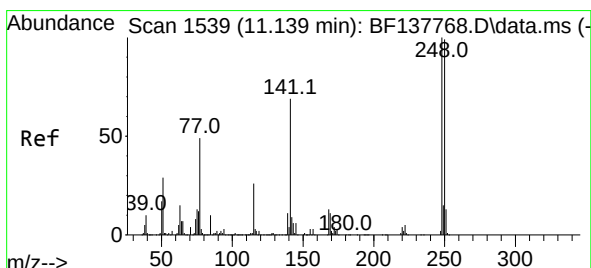
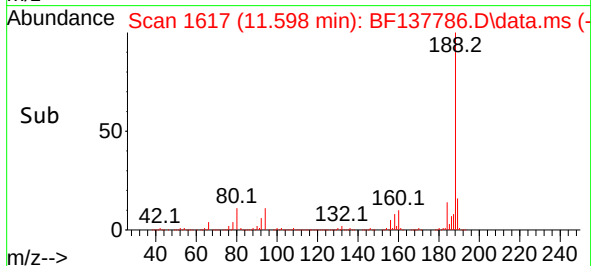
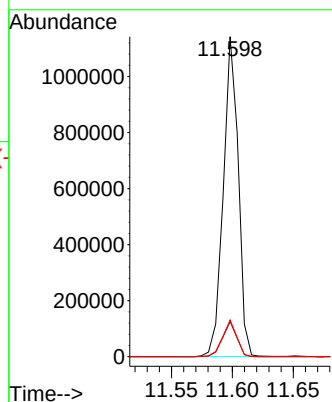
Tgt Ion:188 Resp: 978195

Ion Ratio Lower Upper

188 100

94 11.0 8.8 13.2

80 11.5 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.878 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137786.D

Acq: 01 May 2024 11:42

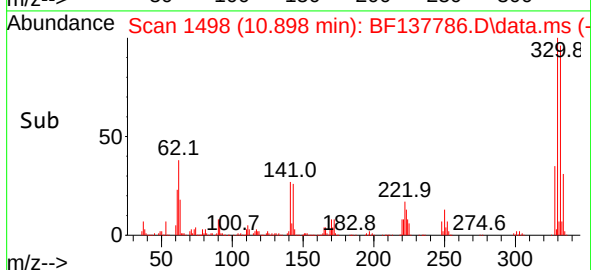
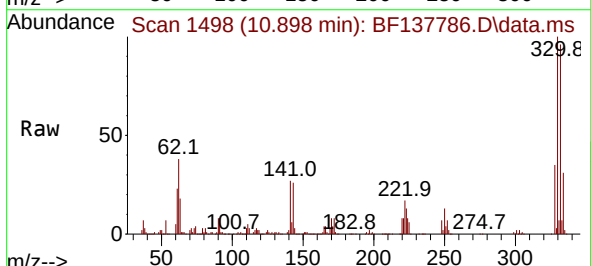
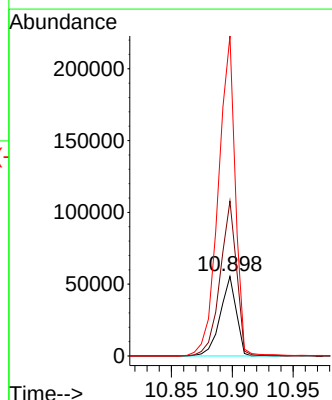
Tgt Ion:248 Resp: 51071

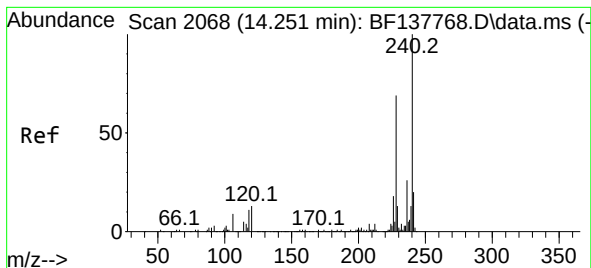
Ion Ratio Lower Upper

248 100

250 194.7 79.1 118.7#

141 402.0 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: BF137786.D

Acq: 01 May 2024 11:42

Instrument :

BNA_F

ClientSampleId :

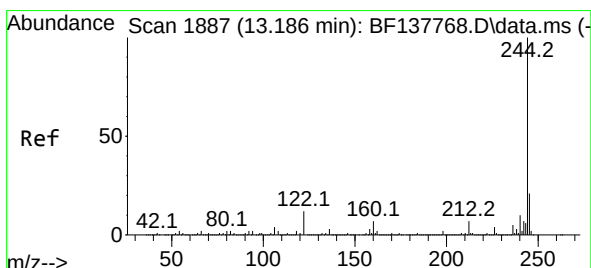
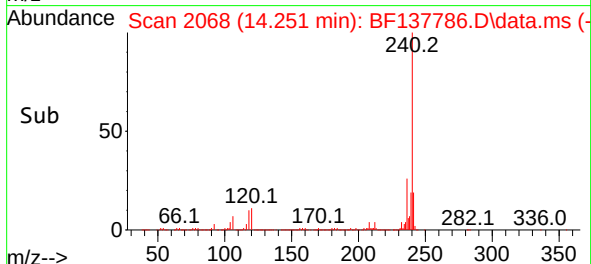
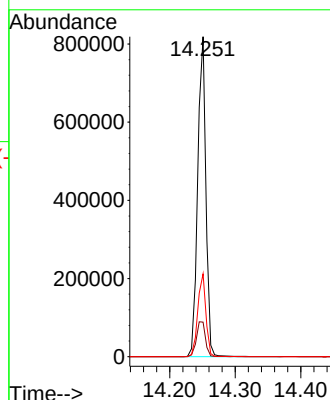
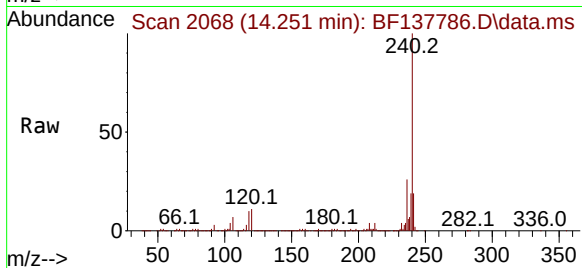
Tgt Ion:240 Resp: 712478

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 25.9 20.4 30.6



#79

Terphenyl-d14

Concen: 85.525 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137786.D

Acq: 01 May 2024 11:42

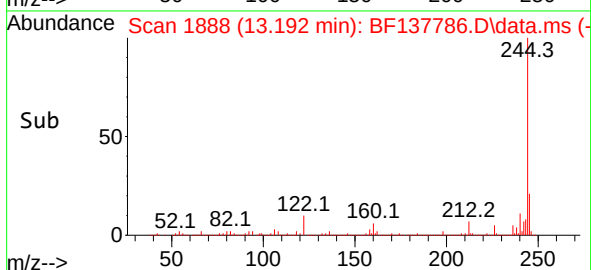
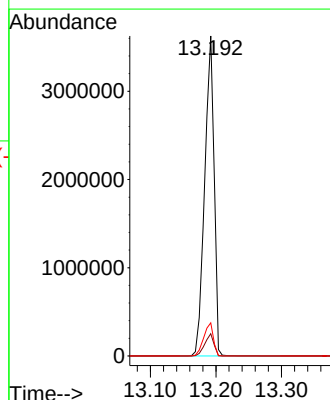
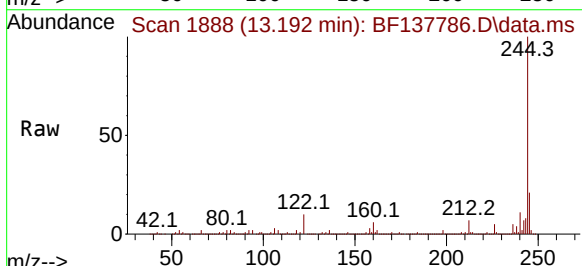
Tgt Ion:244 Resp: 3636037

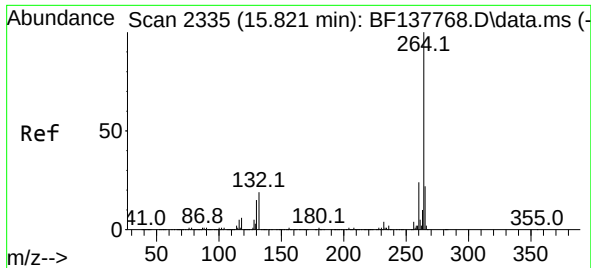
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

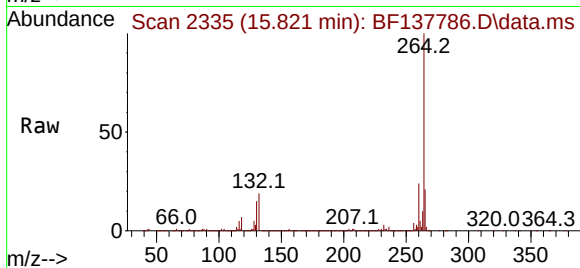
122 10.4 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137786.D
 Acq: 01 May 2024 11:42

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 607315
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.5 17.4 26.0

