

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137791.D
 Acq On : 01 May 2024 14:51
 Operator : CG\JU
 Sample : P2306-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 15:22:16 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)

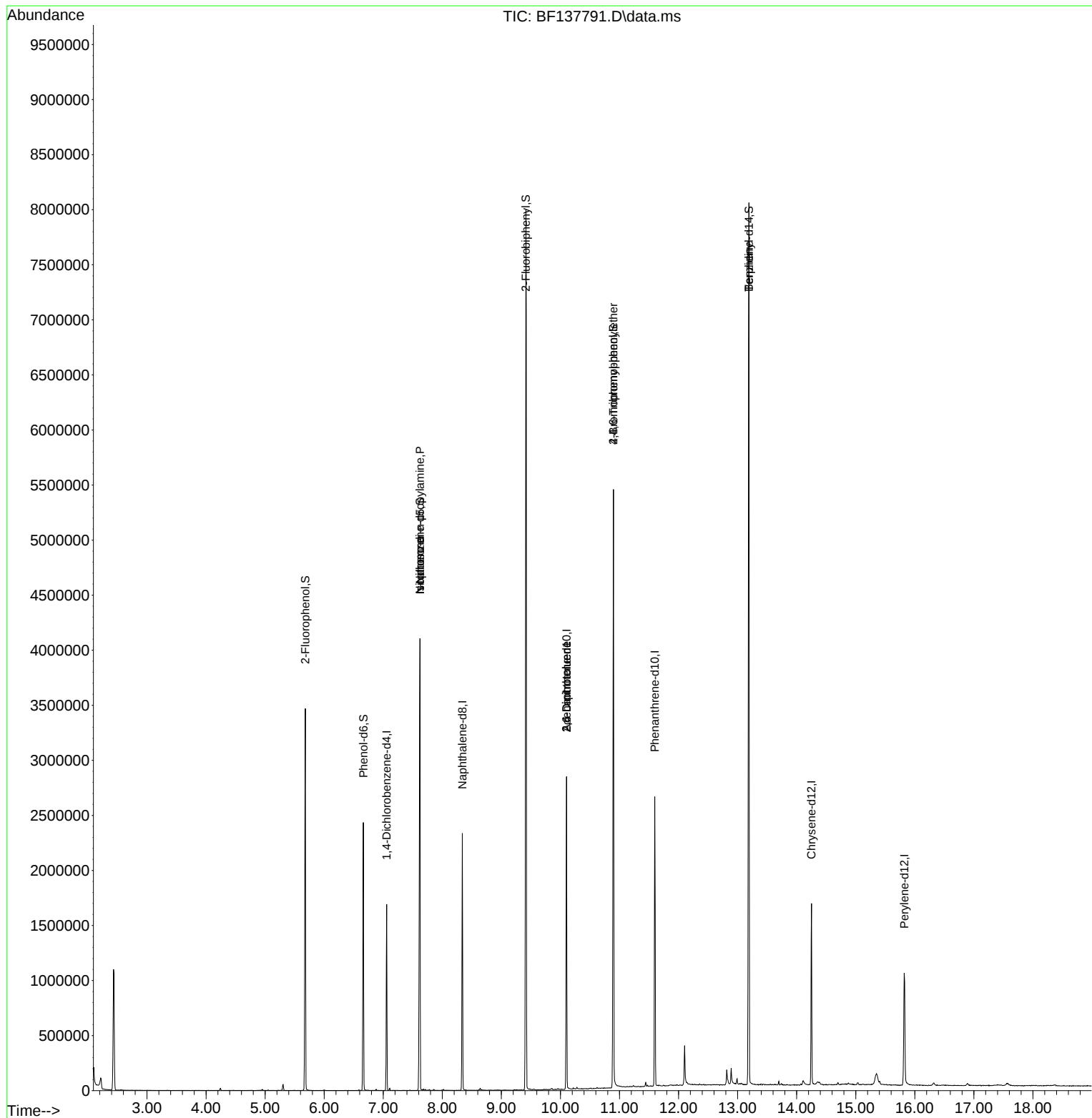
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	232397	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	941515	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	542453	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	908628	20.000	ng	0.00
76) Chrysene-d12	14.251	240	534435	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	488825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	948512	68.335	ng	0.00
7) Phenol-d6	6.663	99	762940	43.334	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1419902	87.618	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	732058	132.174	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2749128	82.221	ng	0.00
79) Terphenyl-d14	13.192	244	3009900	94.383	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.622	70	189625	18.023	ng	# 76
25) Isophorone	7.622	82	1419885	48.595	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	70247	8.976	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	70247	6.871	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	47323	4.866	ng	# 1
77) Benzidine	13.192	184	36613	2.962	ng	# 95

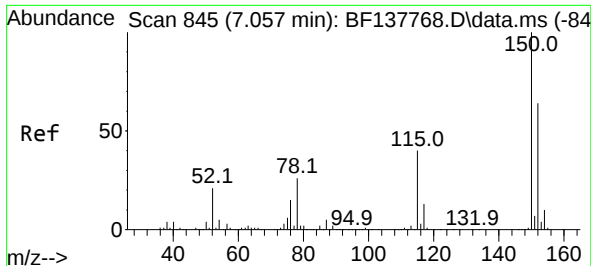
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137791.D
Acq On : 01 May 2024 14:51
Operator : CG\JU
Sample : P2306-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 01 15:22:16 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

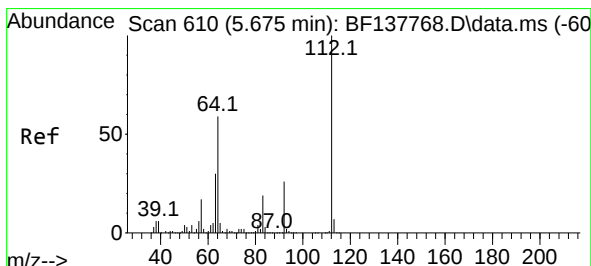
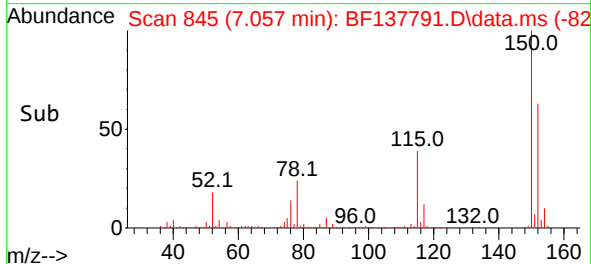
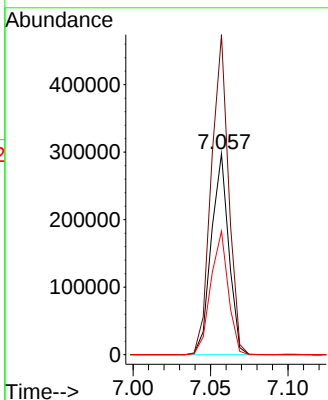
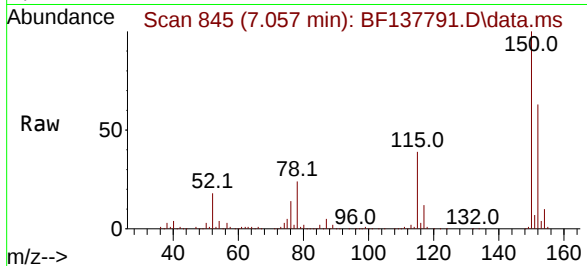




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137791.D
 Acq: 01 May 2024 14:51

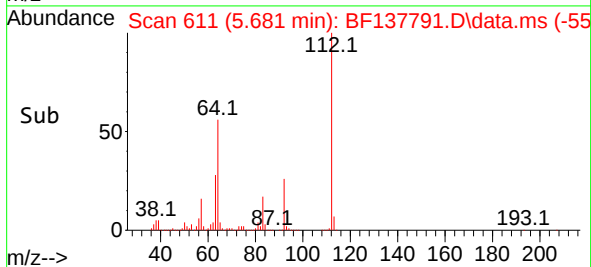
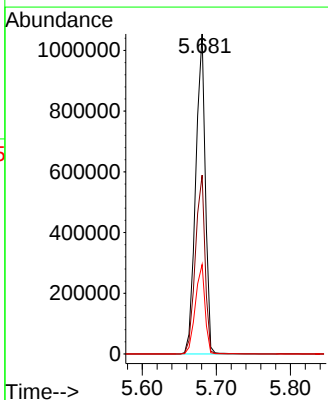
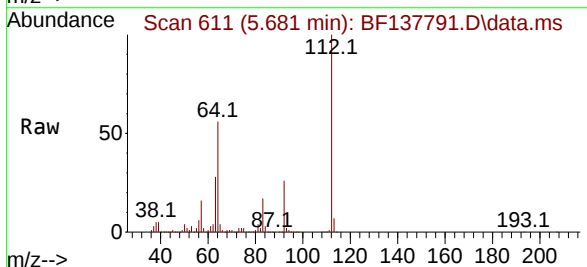
Instrument :
 BNA_F
 ClientSampleId :

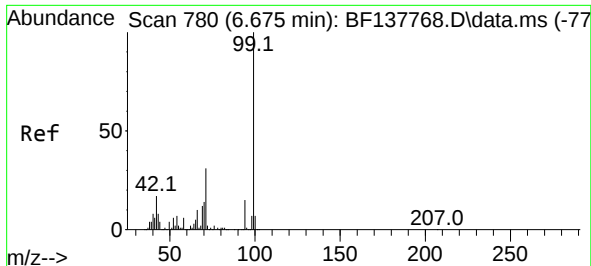
Tgt Ion:152 Resp: 232397
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.1 186.1
 115 61.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 68.335 ng
 RT: 5.681 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: BF137791.D
 Acq: 01 May 2024 14:51

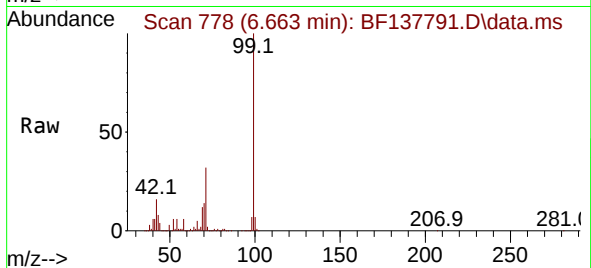
Tgt Ion:112 Resp: 948512
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.3 70.9
 63 27.9 23.7 35.5



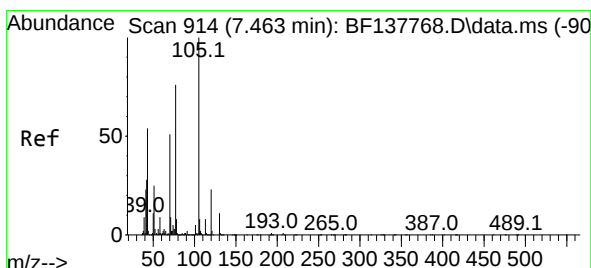
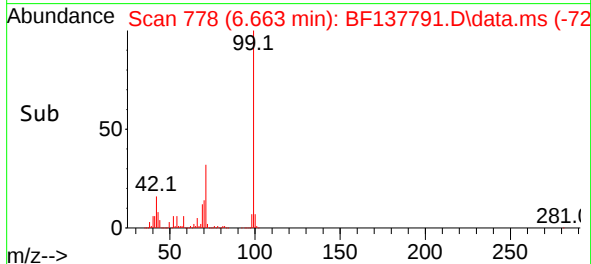
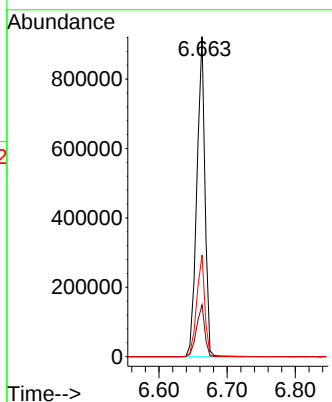


#7
Phenol-d6
Concen: 43.334 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Instrument :
BNA_F
ClientSampleId :

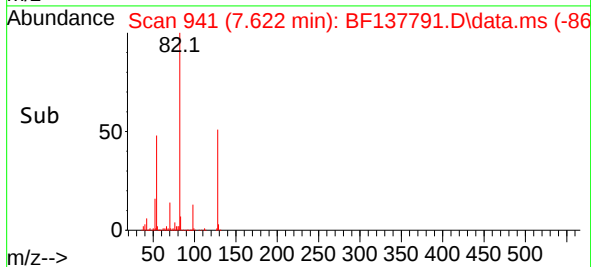
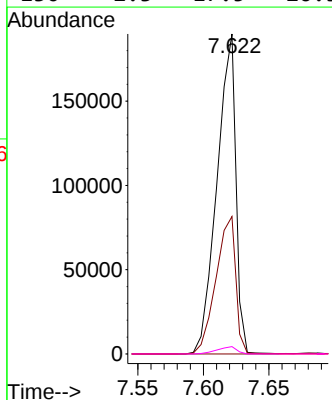
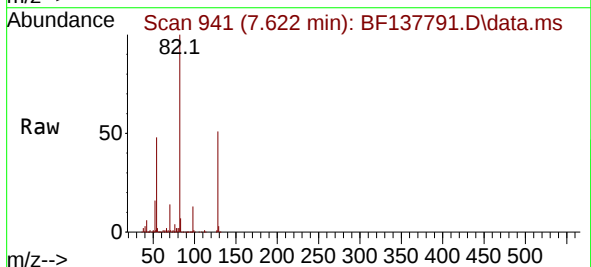


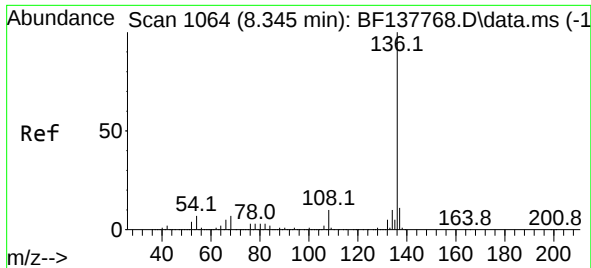
Tgt Ion: 99 Resp: 762940
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 31.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.023 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.159 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

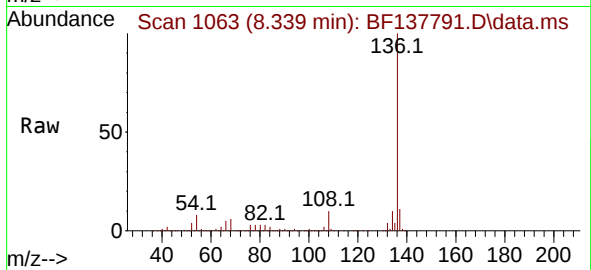
Tgt Ion: 70 Resp: 189625
Ion Ratio Lower Upper
70 100
42 43.0 44.6 66.8#
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#





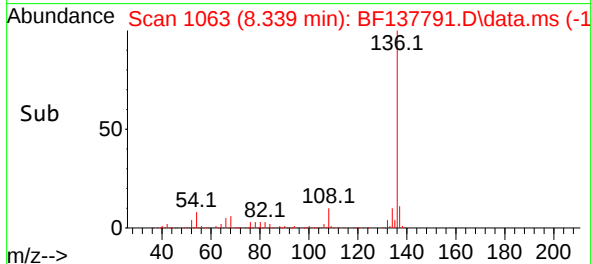
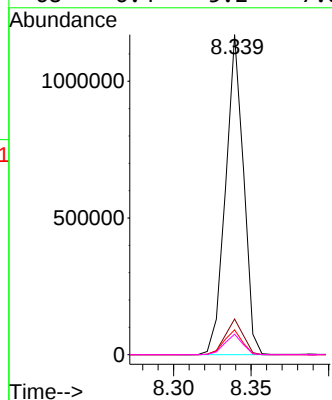
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 941515

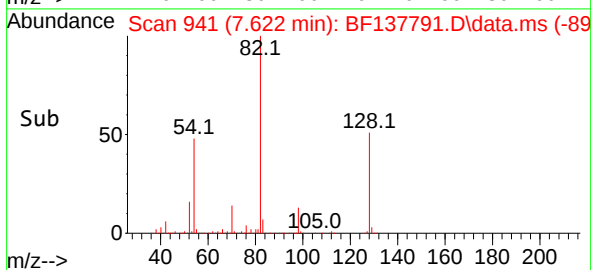
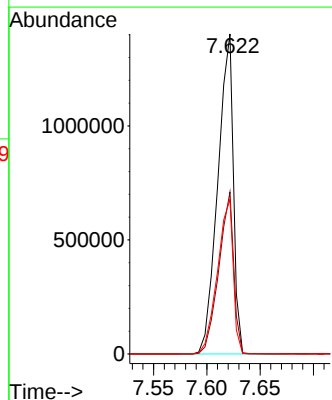
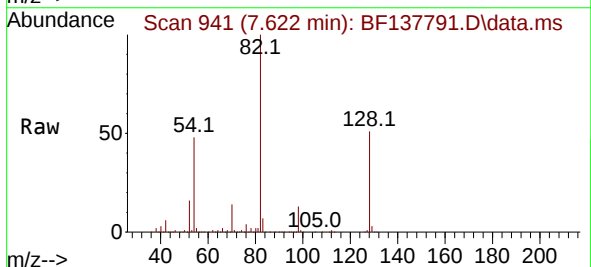
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.8	5.8	8.8
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 87.618 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Tgt Ion: 82 Resp: 1419902

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	48.3	39.8	59.6

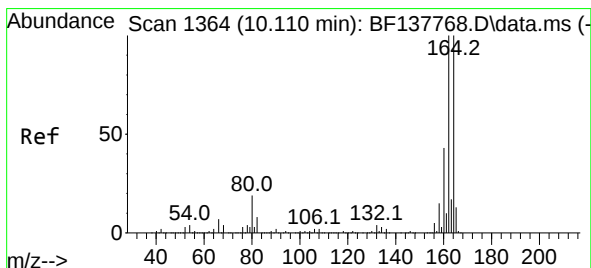
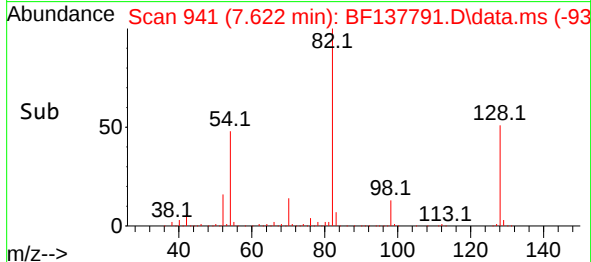
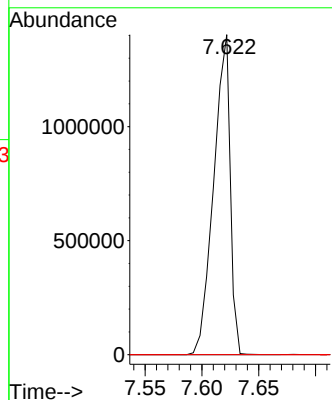
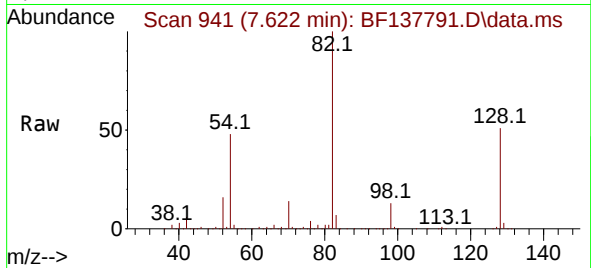




#25
Isophorone
Concen: 48.595 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.253 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

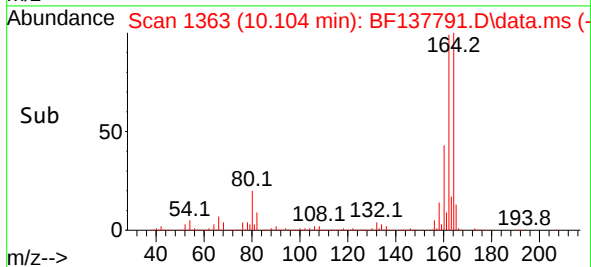
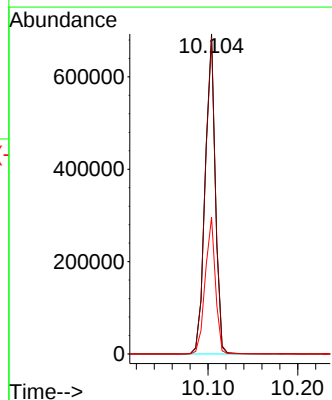
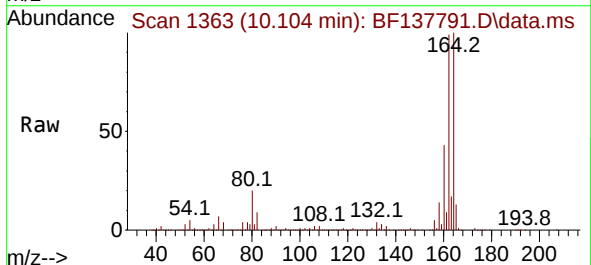
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1419885
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: BF137791.D
Acq: 01 May 2024 14:51

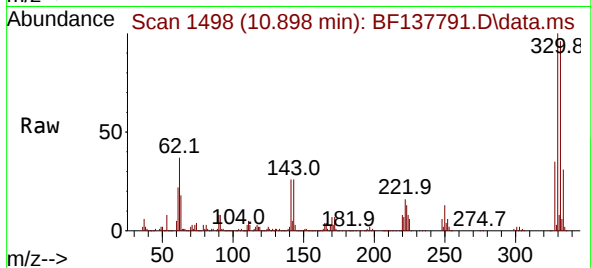
Tgt Ion:164 Resp: 542453
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 42.7 34.4 51.6



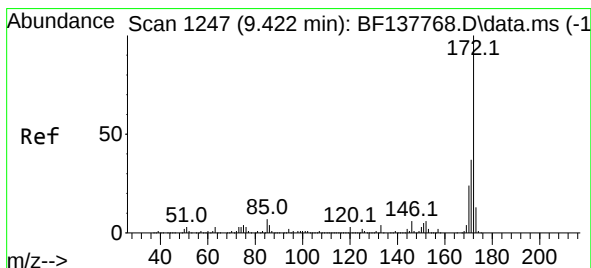
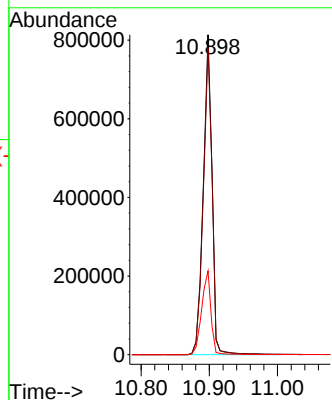
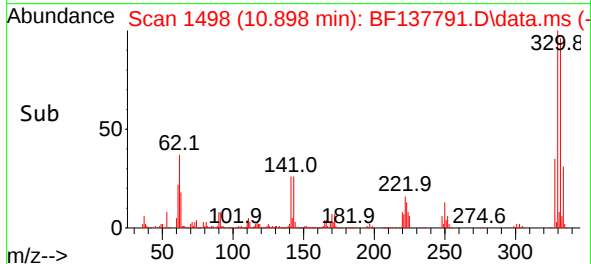


#42
2,4,6-Tribromophenol
Concen: 132.174 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Instrument :
BNA_F
ClientSampleId :

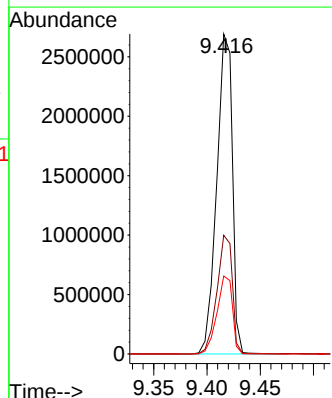
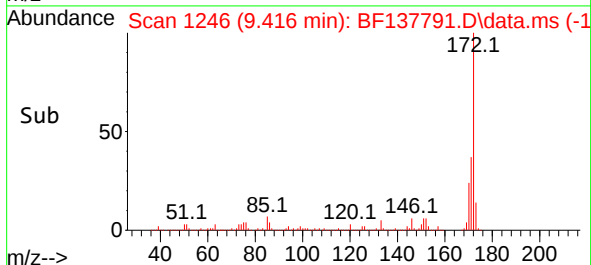
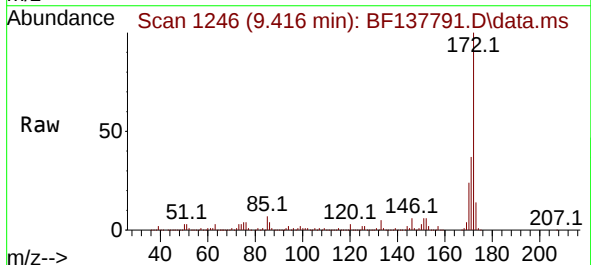


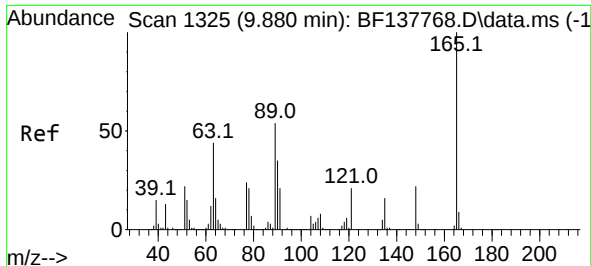
Tgt Ion:330 Resp: 732058
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 27.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.221 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137791.D
Acq: 01 May 2024 14:51

Tgt Ion:172 Resp: 2749128
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: 8.976 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.223 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

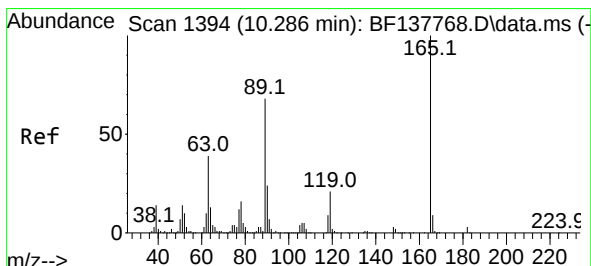
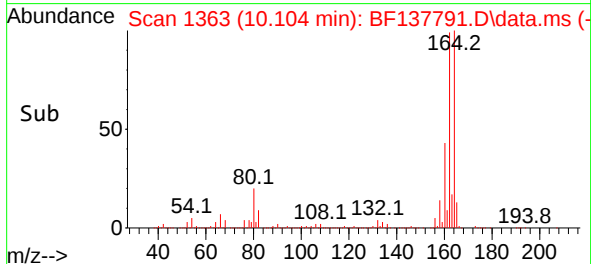
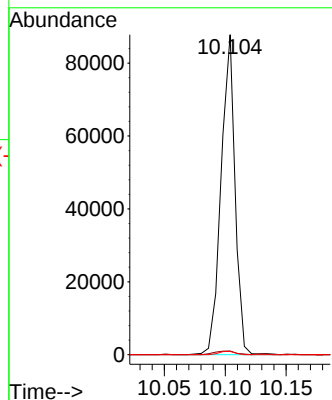
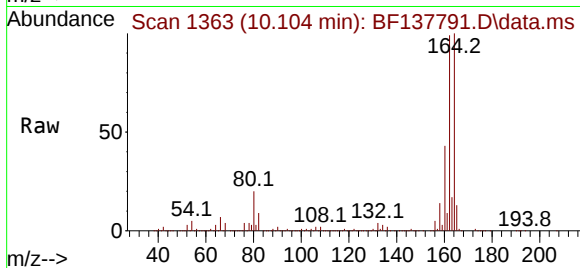
Tgt Ion:165 Resp: 70247

Ion Ratio Lower Upper

165 100

63 1.2 41.9 62.9#

89 1.0 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.871 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.182 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Tgt Ion:165 Resp: 70247

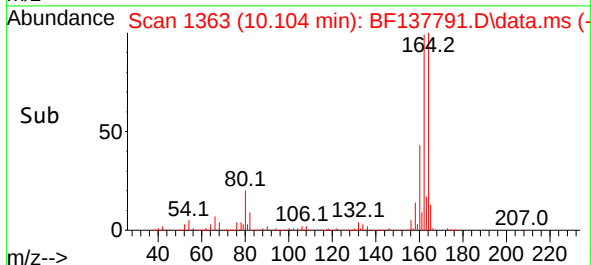
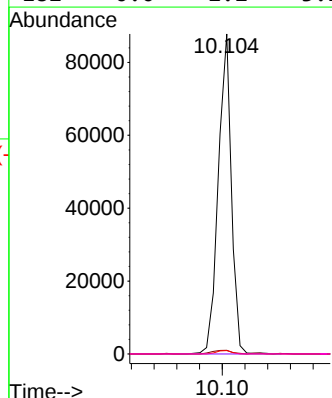
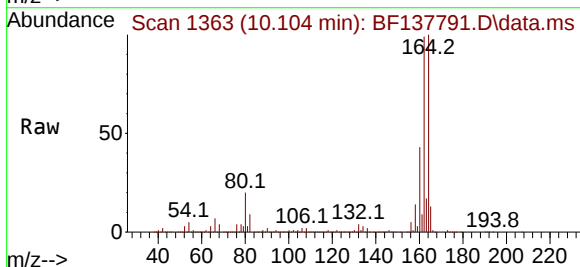
Ion Ratio Lower Upper

165 100

63 1.2 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: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

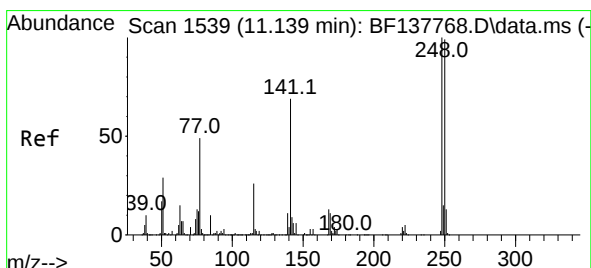
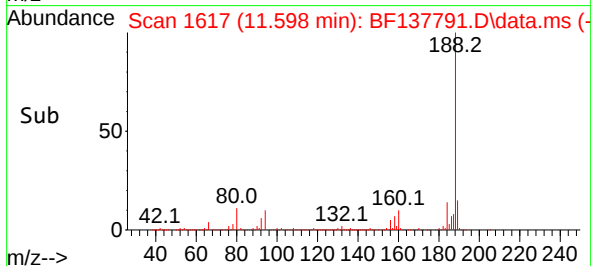
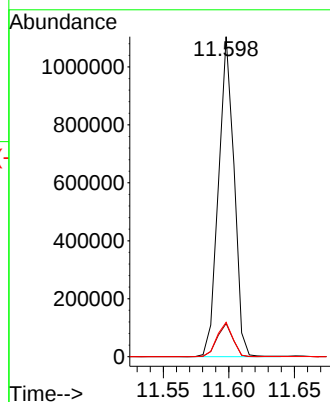
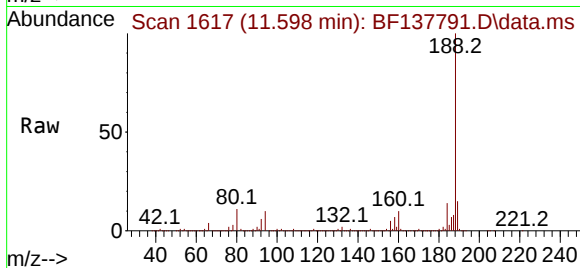
Tgt Ion:188 Resp: 908628

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 10.8 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.866 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

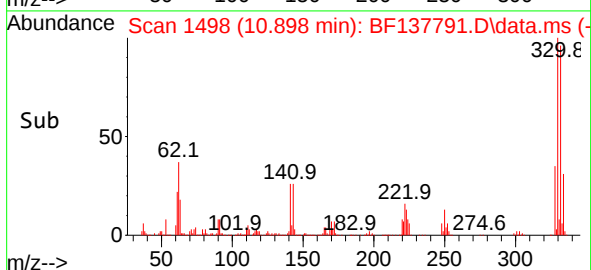
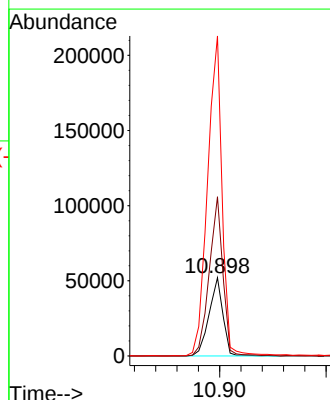
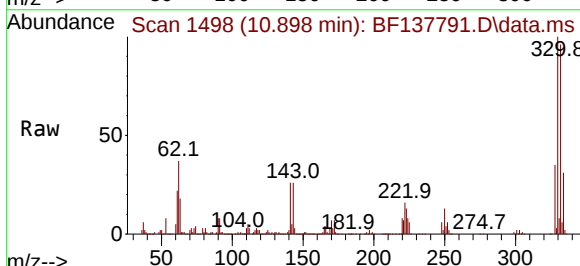
Tgt Ion:248 Resp: 47323

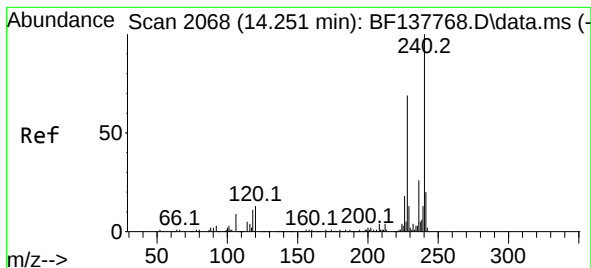
Ion Ratio Lower Upper

248 100

250 203.5 79.1 118.7#

141 408.8 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: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

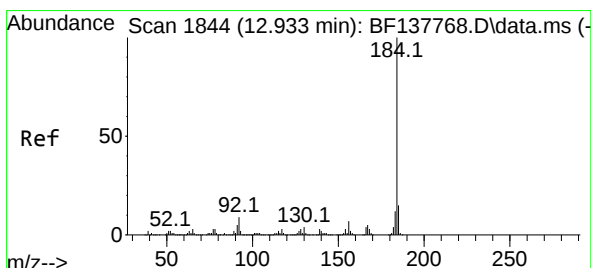
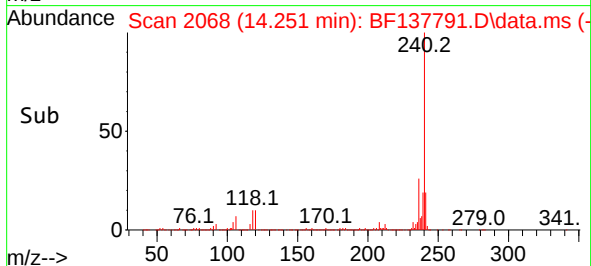
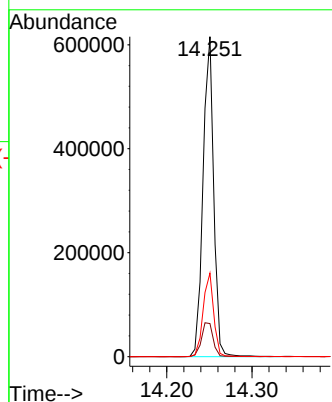
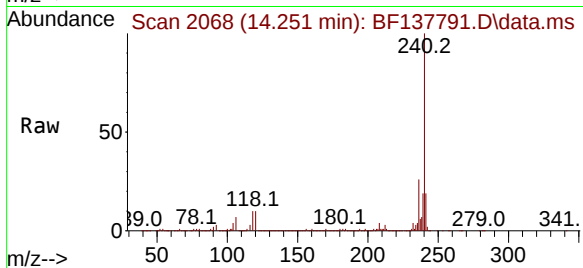
Tgt Ion:240 Resp: 534435

Ion Ratio Lower Upper

240 100

120 10.4 10.4 15.6#

236 26.1 20.4 30.6



#77

Benzidine

Concen: 2.962 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.259 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

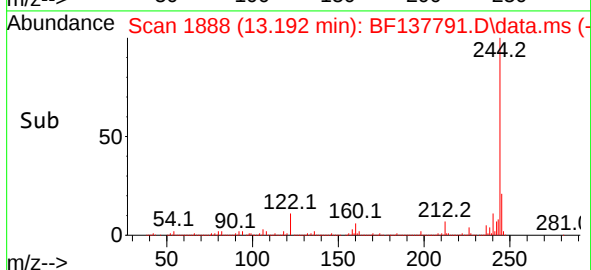
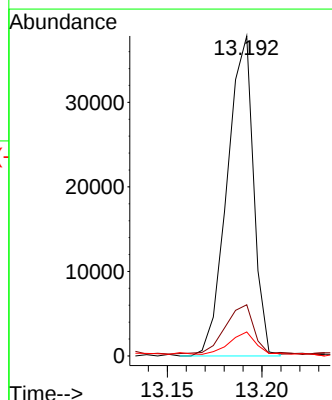
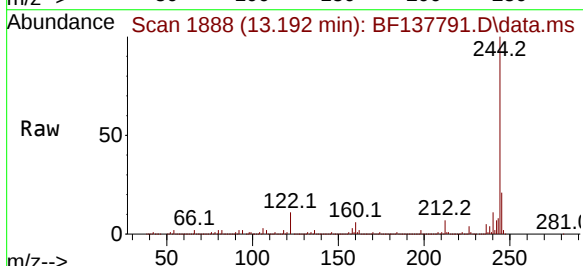
Tgt Ion:184 Resp: 36613

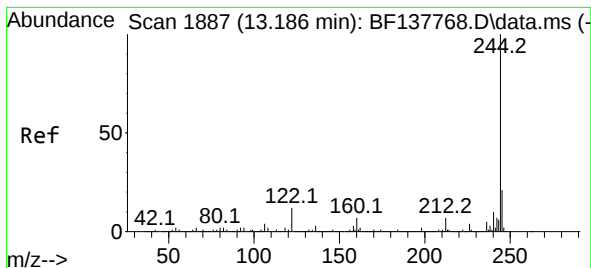
Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

183 7.5 9.2 13.8#





#79

Terphenyl-d14

Concen: 94.383 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

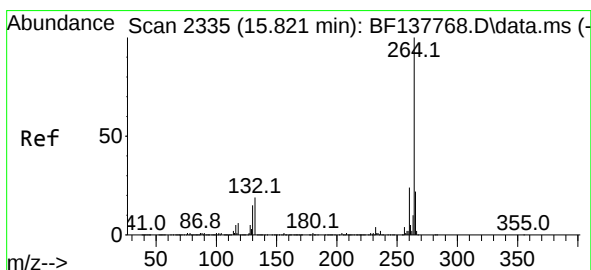
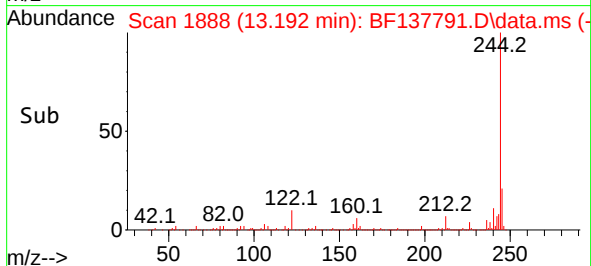
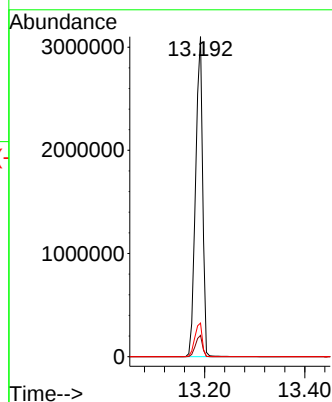
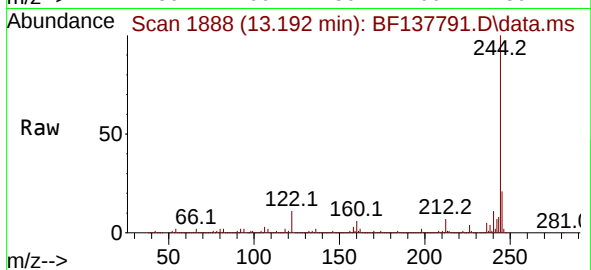
Tgt Ion:244 Resp: 3009900

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 10.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BF137791.D

Acq: 01 May 2024 14:51

Tgt Ion:264 Resp: 488825

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 22.3 17.4 26.0

