

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137795.D
 Acq On : 01 May 2024 16:51
 Operator : CG\JU
 Sample : P2306-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 17:16:19 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)

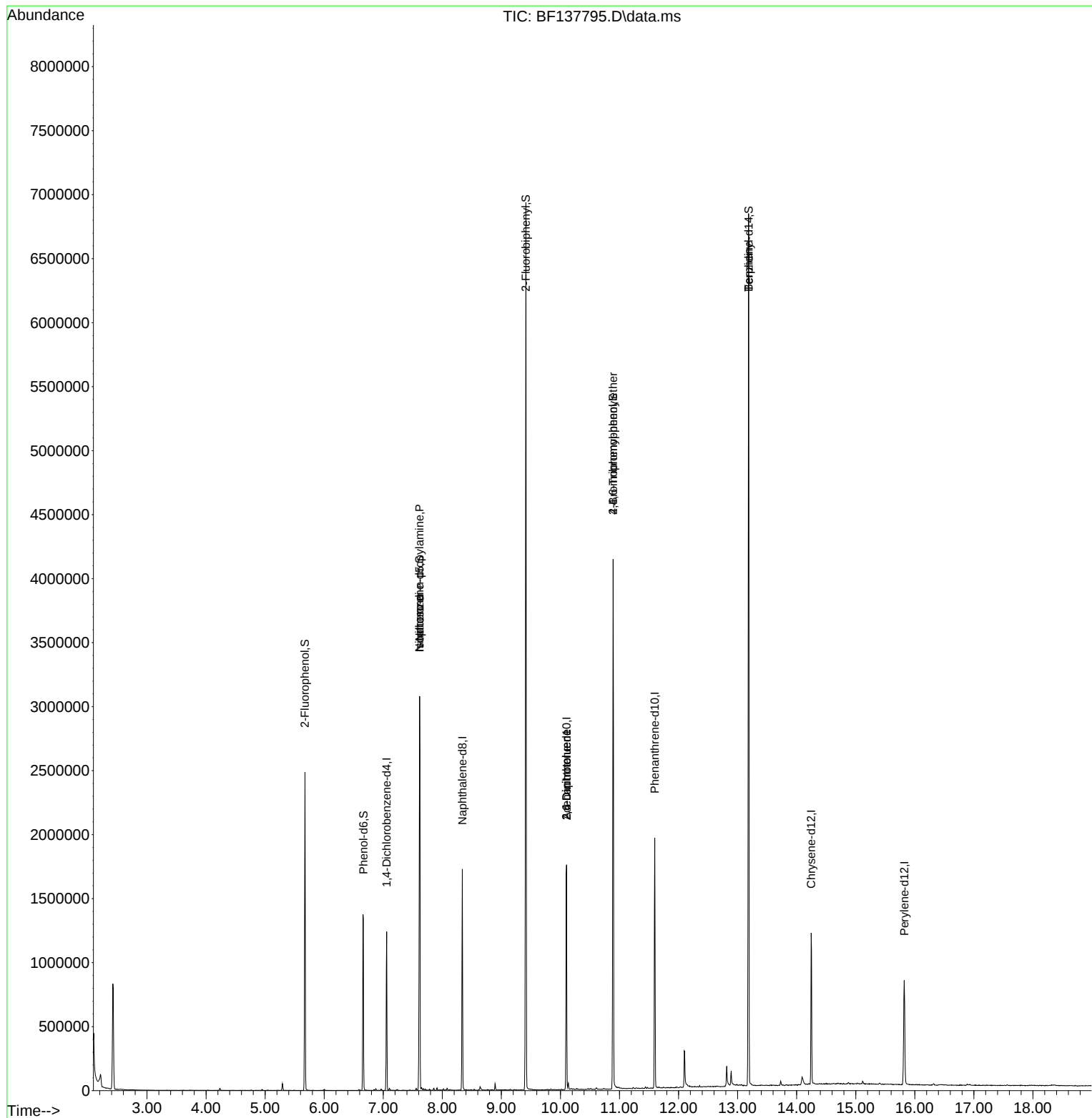
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	177275	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	686522	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	384512	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	657218	20.000	ng	0.00
76) Chrysene-d12	14.245	240	403947	20.000	ng	0.00
86) Perylene-d12	15.821	264	400349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	622909	58.831	ng	0.00
7) Phenol-d6	6.663	99	480522	35.780	ng	-0.01
23) Nitrobenzene-d5	7.616	82	1094406	92.616	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	535847	136.488	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2088430	88.117	ng	0.00
79) Terphenyl-d14	13.186	244	2419505	100.378	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	143779	17.914	ng	# 78
25) Isophorone	7.616	82	1094393	51.367	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	49920	8.999	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	49920	6.888	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	34535	4.910	ng	# 1
77) Benzidine	13.186	184	27827	2.979	ng	# 93

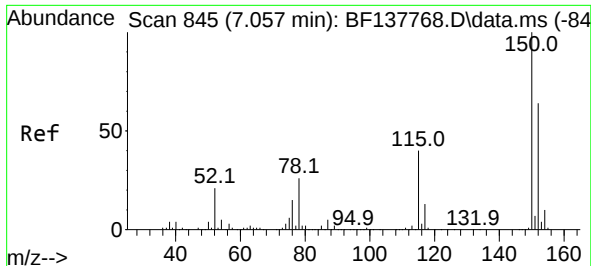
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
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Quant Time: May 01 17:16:19 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

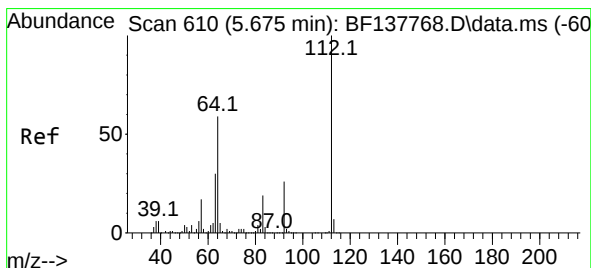
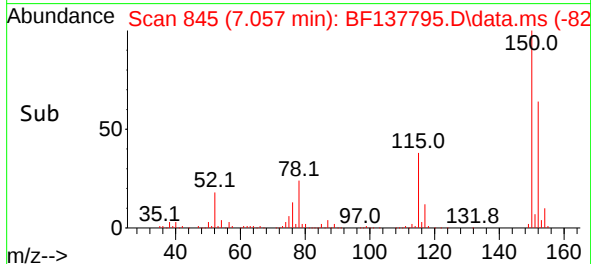
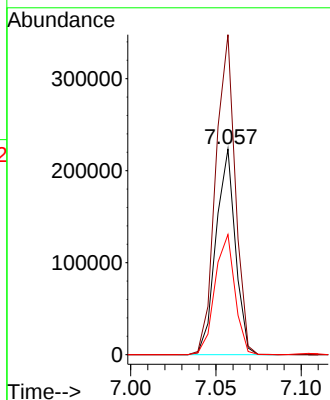
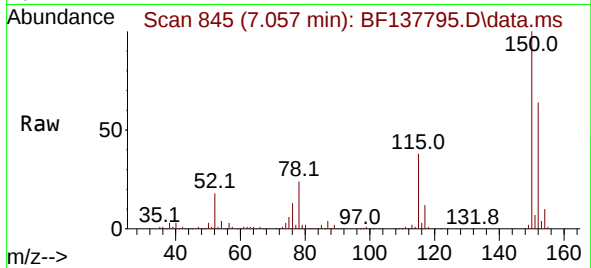




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.057 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BF137795.D
 Acq: 01 May 2024 16:51

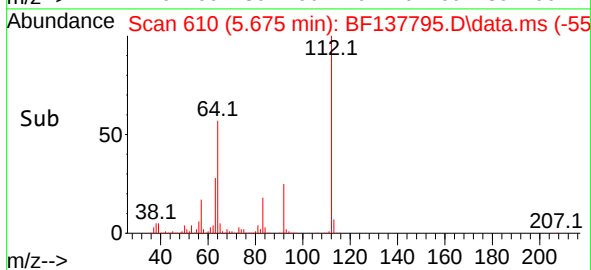
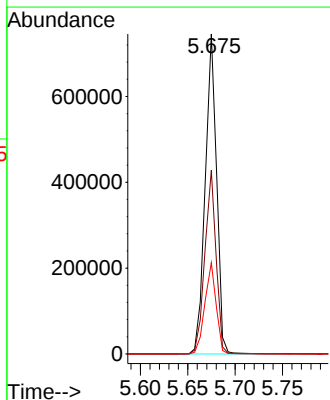
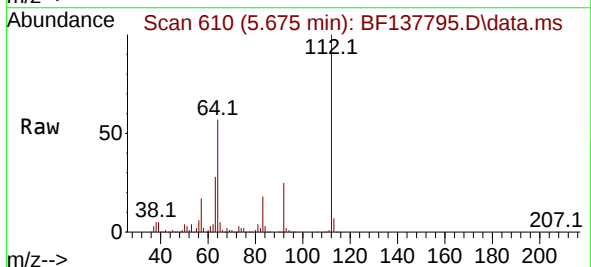
Instrument :
 BNA_F
 ClientSampleId :

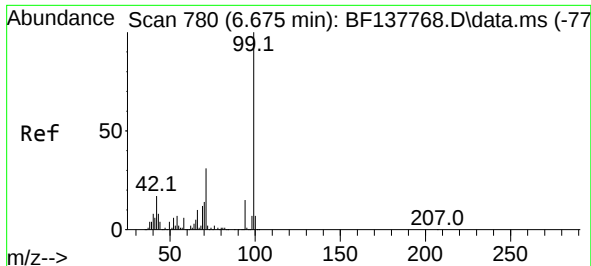
Tgt Ion:152 Resp: 177275
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.1 186.1
 115 58.5 49.1 73.7



#5
 2-Fluorophenol
 Concen: 58.831 ng
 RT: 5.675 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: BF137795.D
 Acq: 01 May 2024 16:51

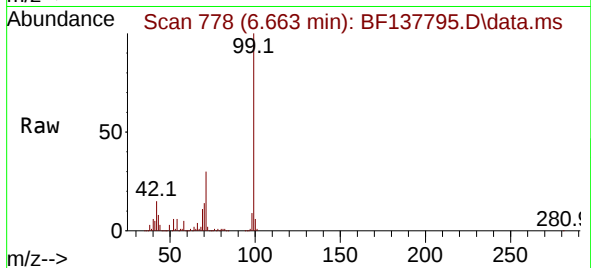
Tgt Ion:112 Resp: 622909
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.3 70.9
 63 28.5 23.7 35.5



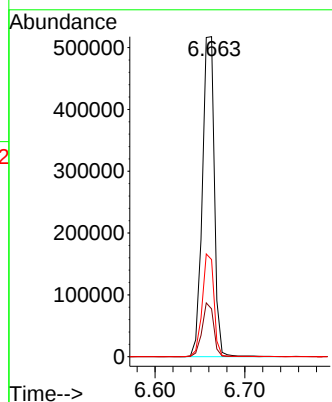
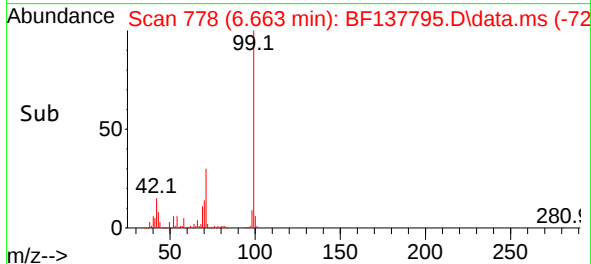


#7
Phenol-d6
Concen: 35.780 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

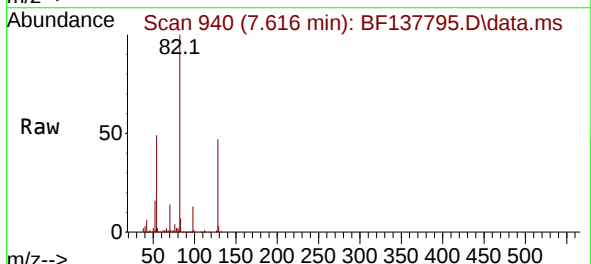
Instrument :
BNA_F
ClientSampleId :



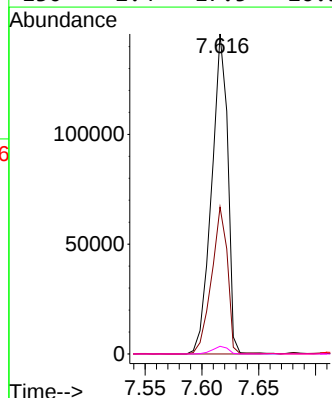
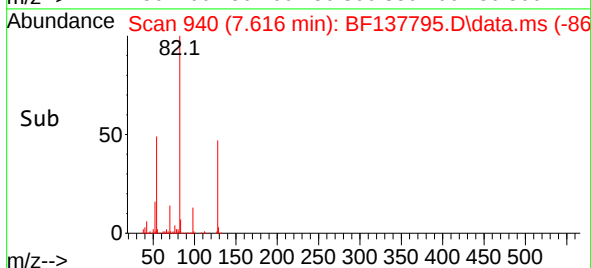
Tgt Ion: 99 Resp: 480522
Ion Ratio Lower Upper
99 100
42 15.0 13.2 19.8
71 30.4 25.0 37.4

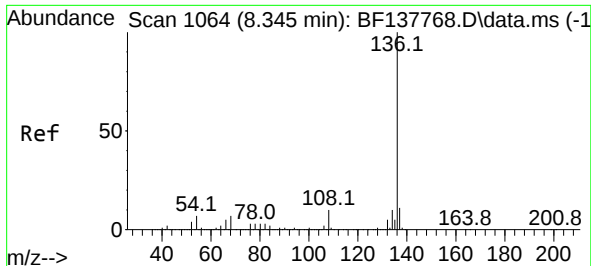


#19
n-Nitroso-di-n-propylamine
Concen: 17.914 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51



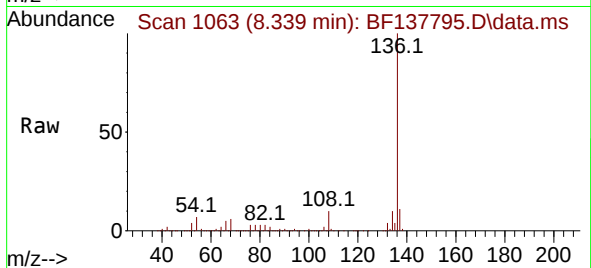
Tgt Ion: 70 Resp: 143779
Ion Ratio Lower Upper
70 100
42 45.9 44.6 66.8
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



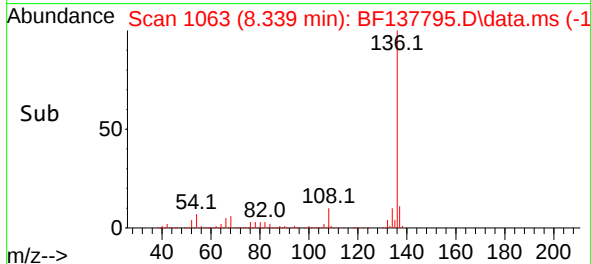
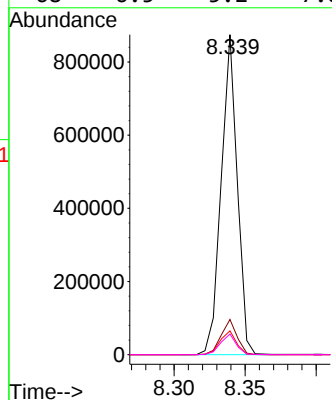


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :

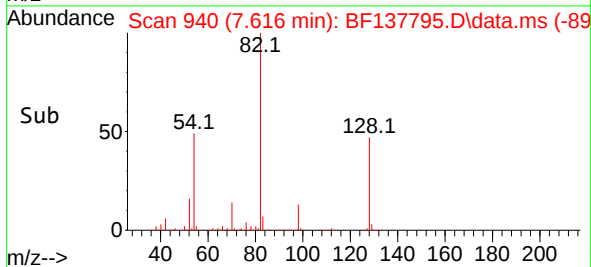
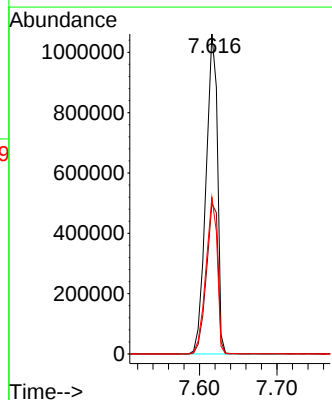
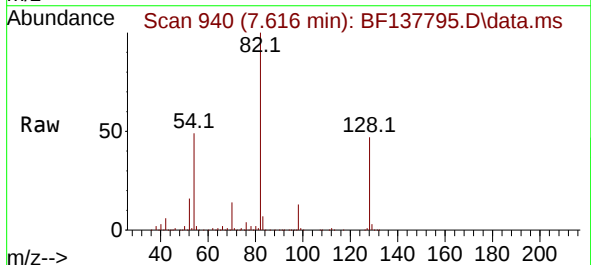


Tgt Ion:136 Resp: 686522
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.8 8.8
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 92.616 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

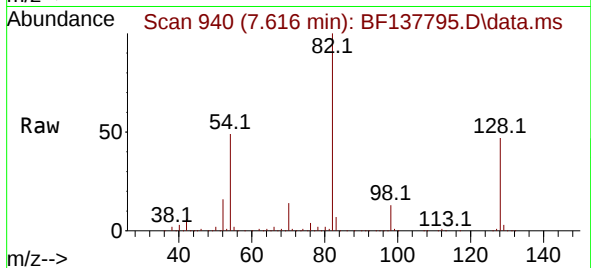
Tgt Ion: 82 Resp: 1094406
Ion Ratio Lower Upper
82 100
128 47.0 37.5 56.3
54 49.0 39.8 59.6



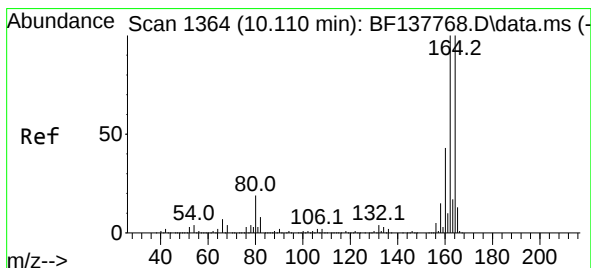
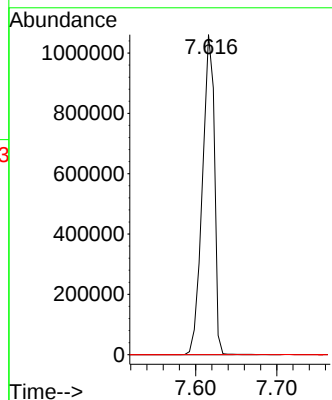
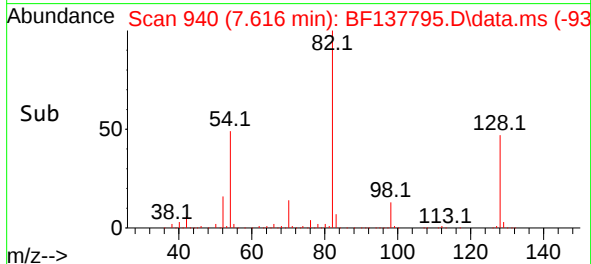


#25
Isophorone
Concen: 51.367 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :

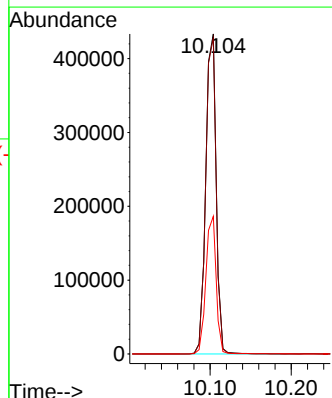
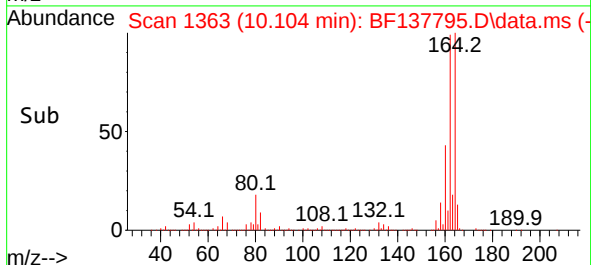
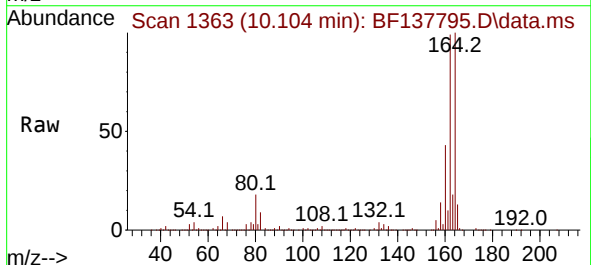


Tgt Ion: 82 Resp: 1094393
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137795.D
Acq: 01 May 2024 16:51

Tgt Ion:164 Resp: 384512
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.6
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.488 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

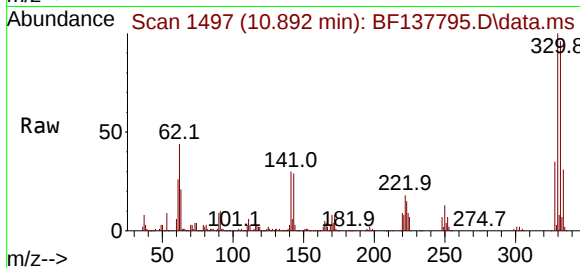
Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :



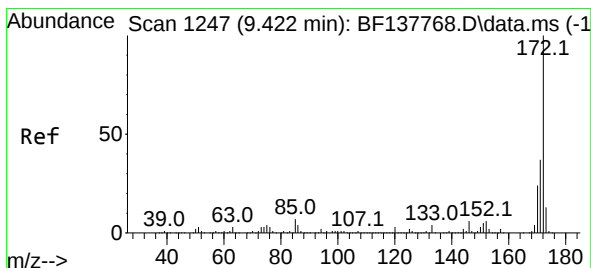
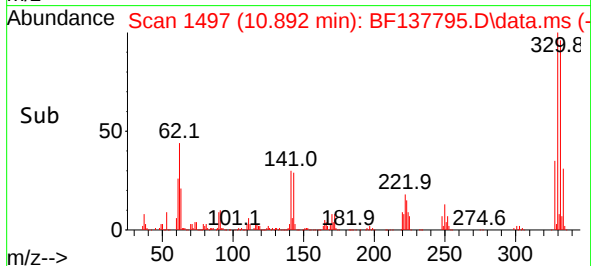
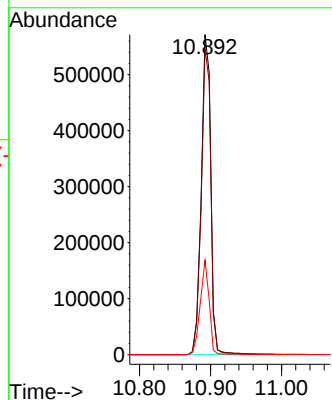
Tgt Ion:330 Resp: 535847

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 27.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 88.117 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

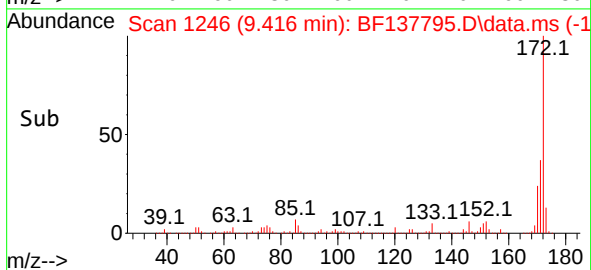
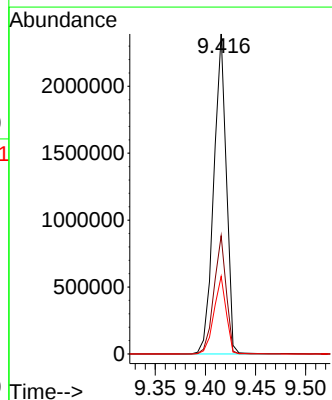
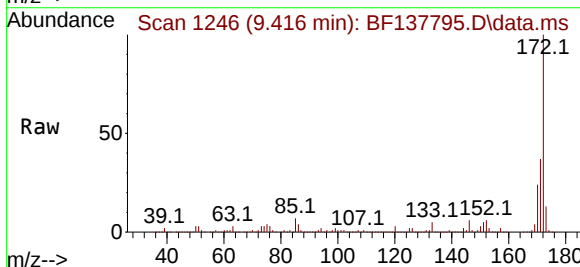
Tgt Ion:172 Resp: 2088430

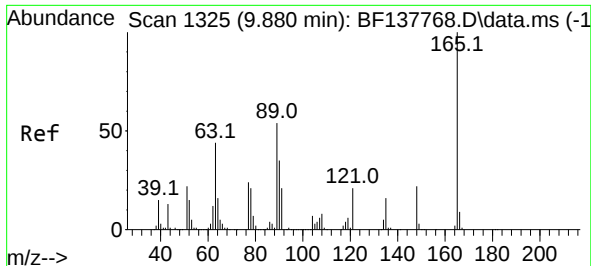
Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 24.3 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.999 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.223 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

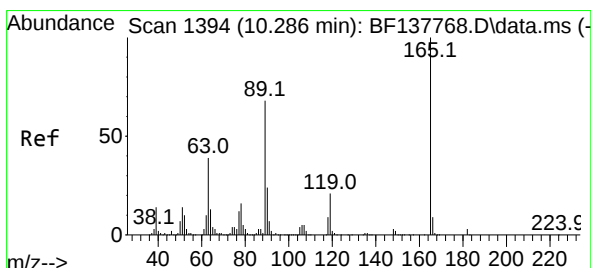
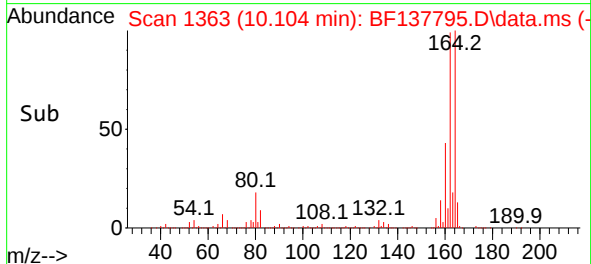
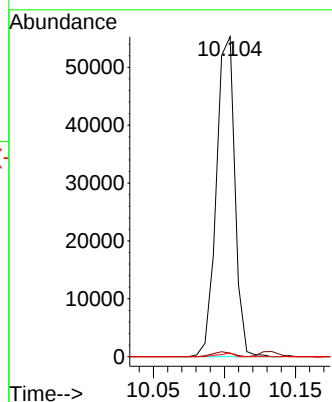
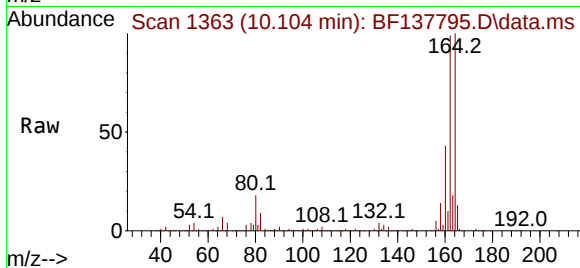
Tgt Ion:165 Resp: 49920

Ion Ratio Lower Upper

165 100

63 1.1 41.9 62.9#

89 1.2 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.888 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.182 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

Tgt Ion:165 Resp: 49920

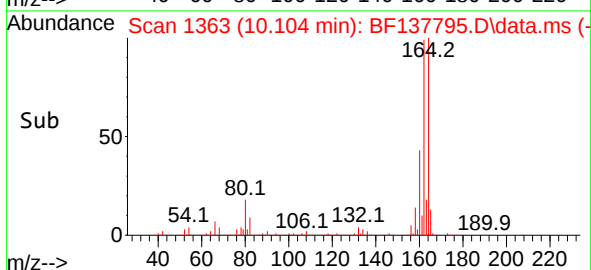
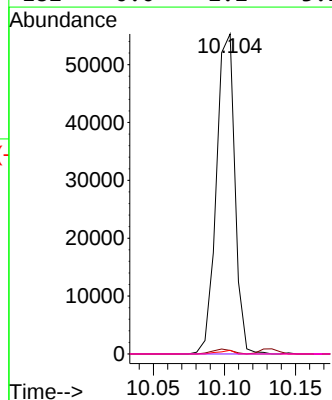
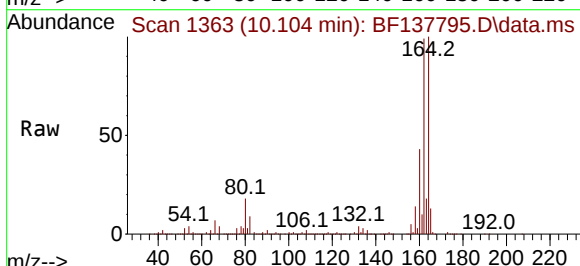
Ion Ratio Lower Upper

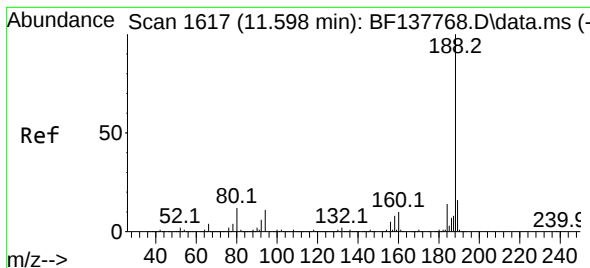
165 100

63 1.1 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

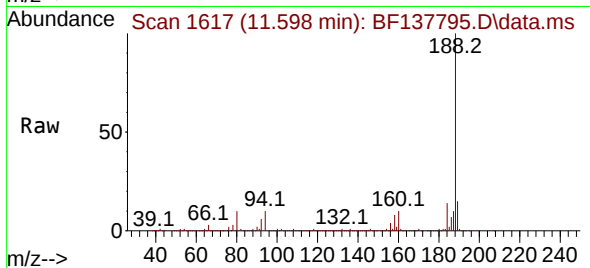
Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :



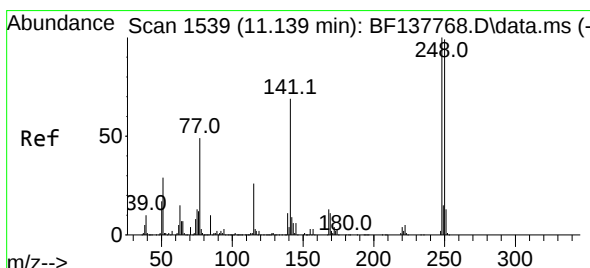
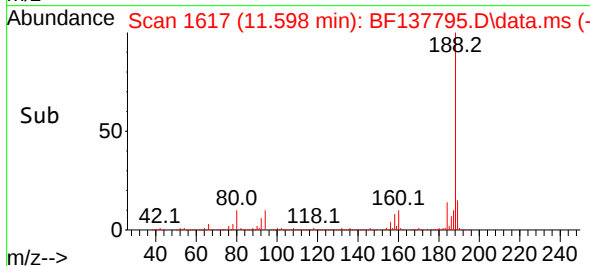
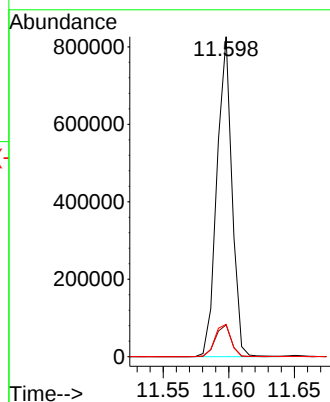
Tgt Ion:188 Resp: 657218

Ion Ratio Lower Upper

188 100

94 10.0 8.8 13.2

80 10.1 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.910 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

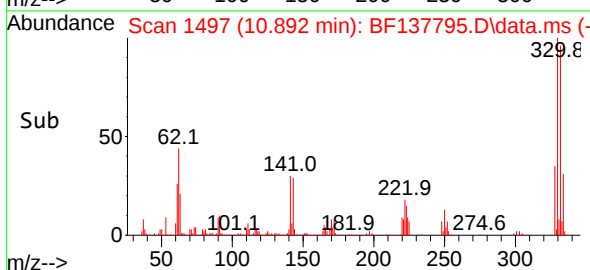
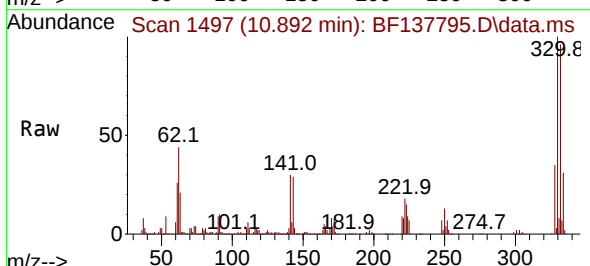
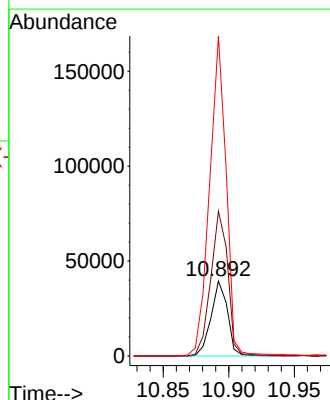
Tgt Ion:248 Resp: 34535

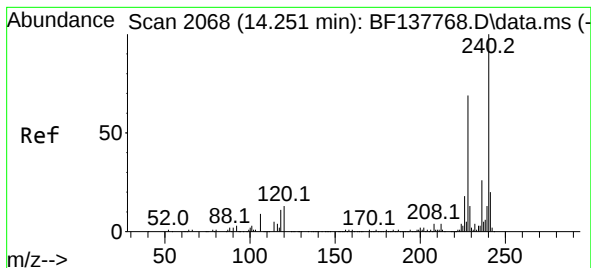
Ion Ratio Lower Upper

248 100

250 193.2 79.1 118.7#

141 426.9 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: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

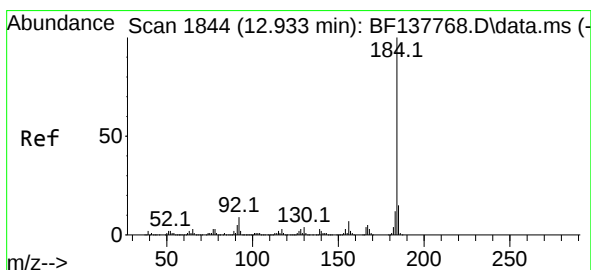
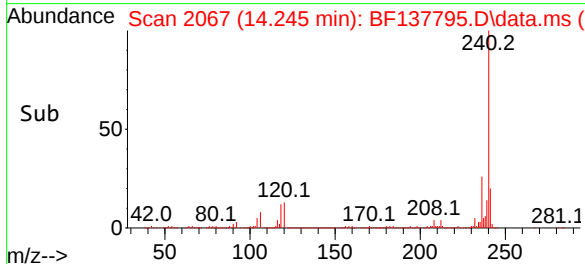
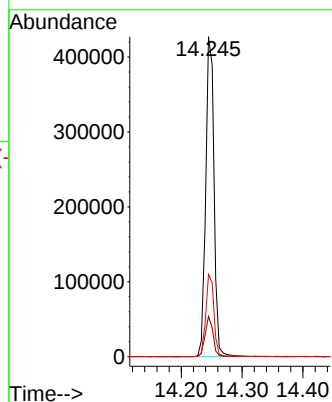
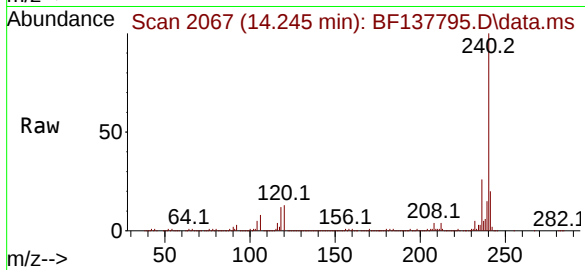
Tgt Ion:240 Resp: 403947

Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 25.7 20.4 30.6



#77

Benzdine

Concen: 2.979 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137795.D

Acq: 01 May 2024 16:51

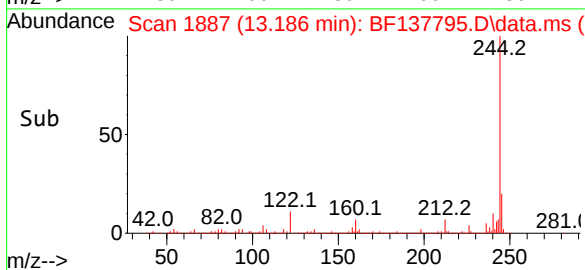
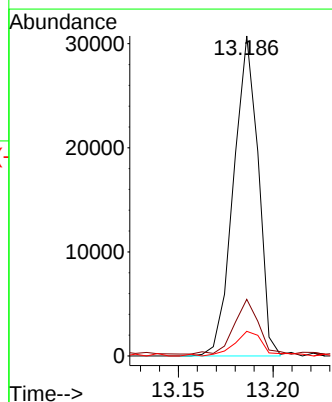
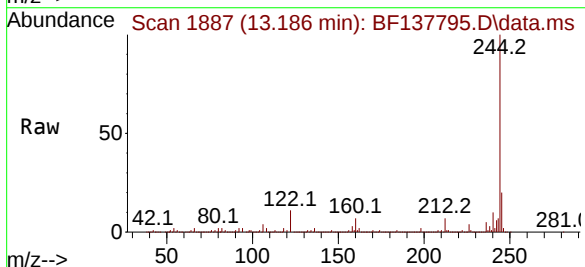
Tgt Ion:184 Resp: 27827

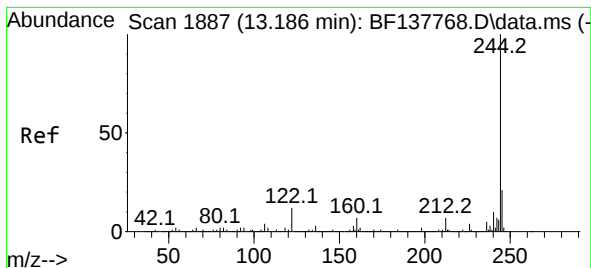
Ion Ratio Lower Upper

184 100

185 17.7 12.3 18.5

183 7.7 9.2 13.8#





#79

Terphenyl-d14

Concen: 100.378 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

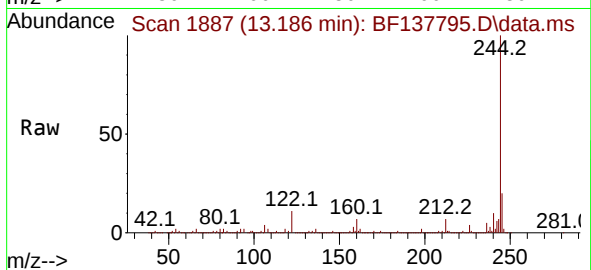
Lab File: BF137795.D

Acq: 01 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :



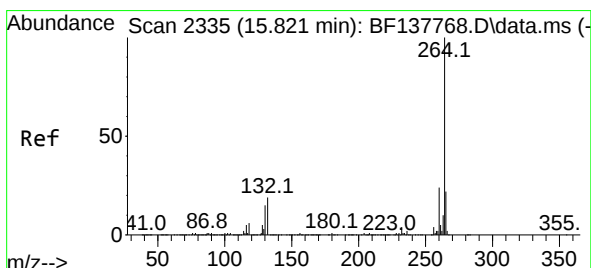
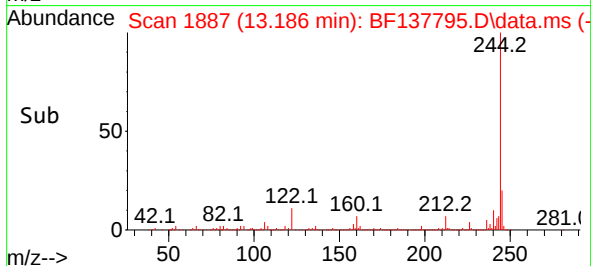
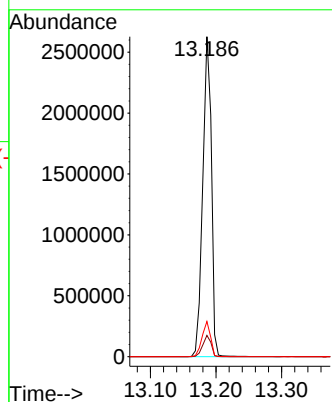
Tgt Ion:244 Resp: 2419505

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 11.0 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: BF137795.D

Acq: 01 May 2024 16:51

Tgt Ion:264 Resp: 400349

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.4 17.4 26.0

