

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137815.D
 Acq On : 02 May 2024 15:15
 Operator : CG\JU
 Sample : P2322-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 15:51:52 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)

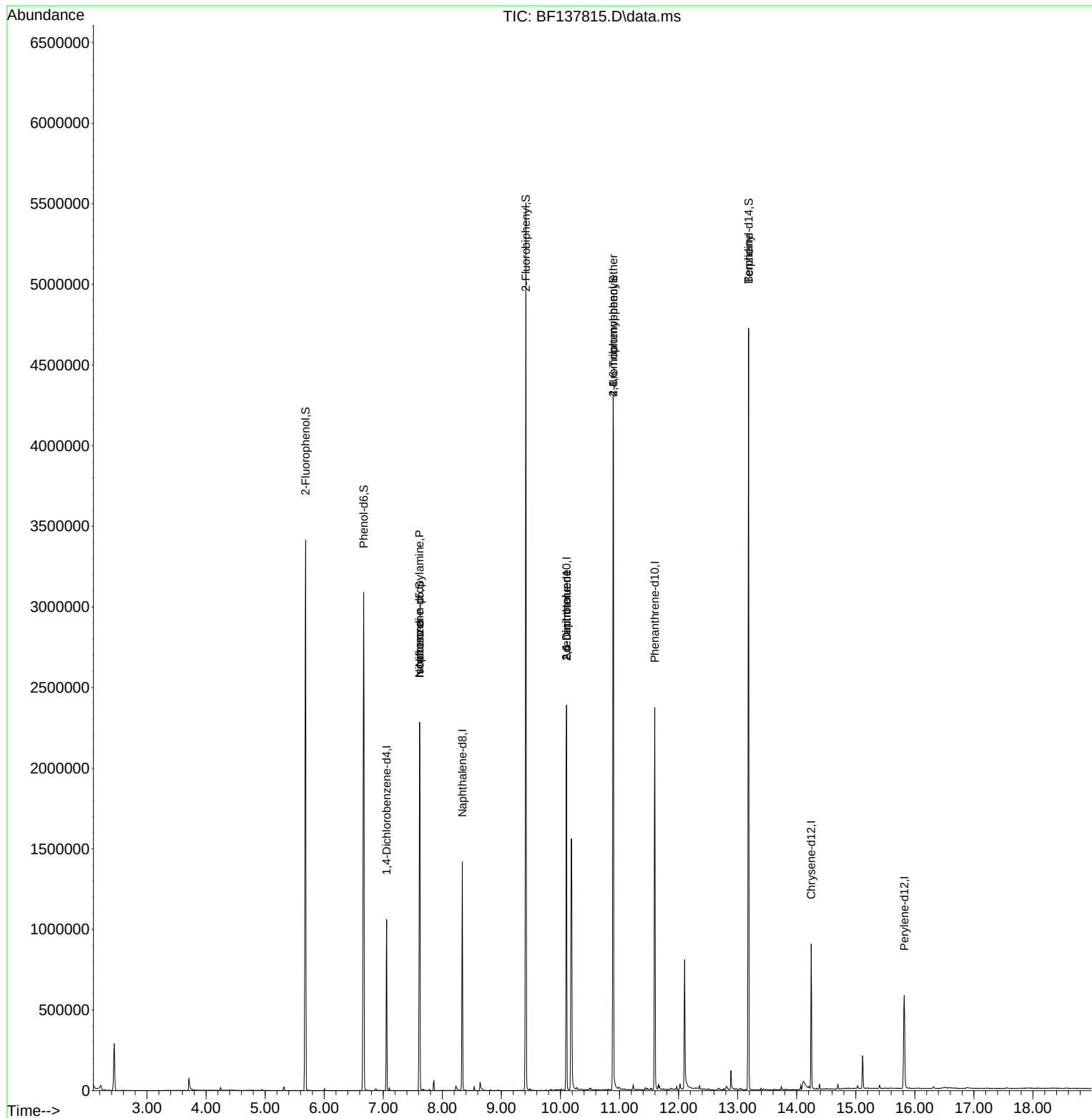
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	149527	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	580838	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	491060	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	812268	20.000	ng	0.00
76) Chrysene-d12	14.245	240	277203	20.000	ng	0.00
86) Perylene-d12	15.821	264	287164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1038270	116.258	ng	0.01
7) Phenol-d6	6.669	99	1297422	114.534	ng	0.00
23) Nitrobenzene-d5	7.616	82	795946	79.614	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	611010	121.865	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1660480	54.859	ng	0.00
79) Terphenyl-d14	13.186	244	1597854	96.600	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	104861	15.490	ng	# 77
25) Isophorone	7.616	82	796077	44.164	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	64204	9.063	ng	# 26
57) 2,4-Dinitrotoluene	10.104	165	64205	6.937	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	39489	4.543	ng	# 1
77) Benzidine	13.186	184	19769	3.084	ng	# 92

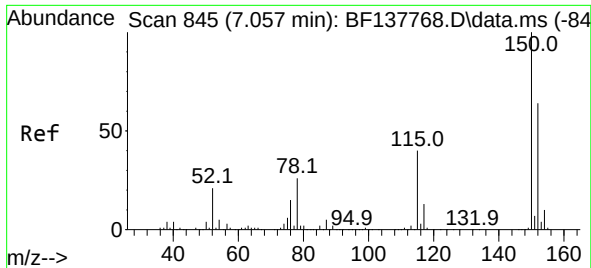
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

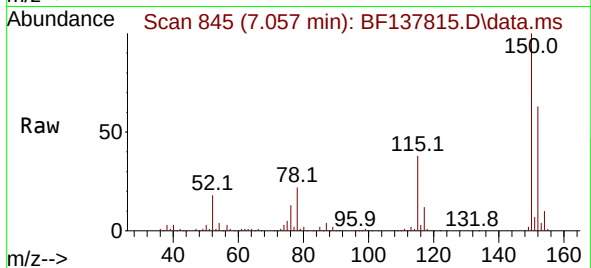
Quant Time: May 02 15:51:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



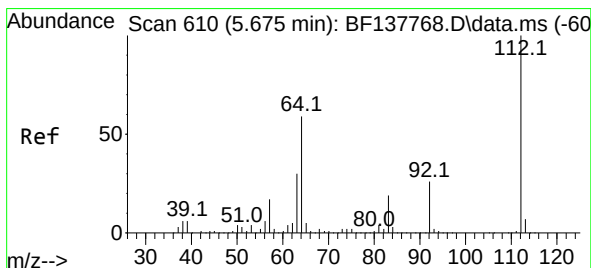
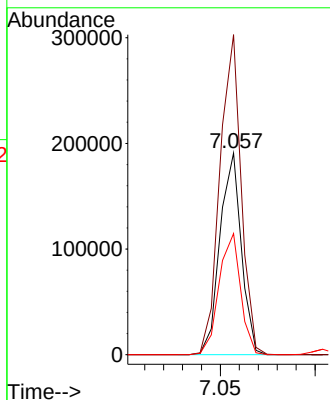
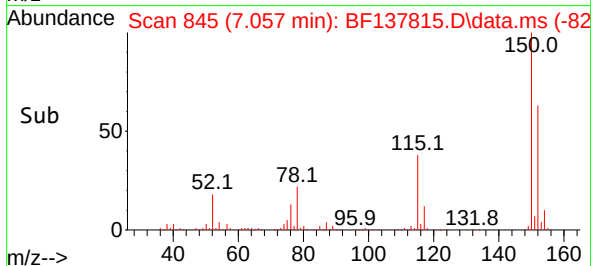


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

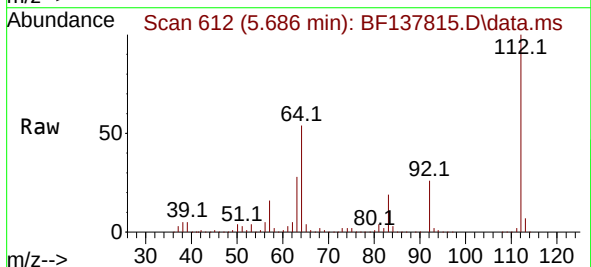
Instrument :
BNA_F
ClientSampleId :



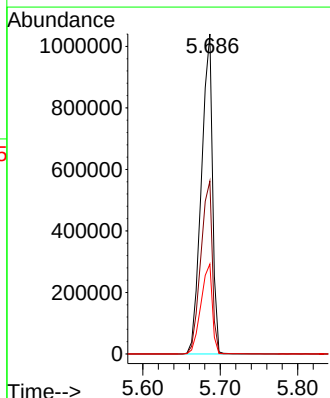
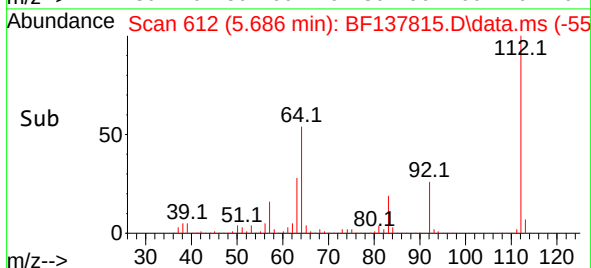
Tgt Ion:152 Resp: 149527
Ion Ratio Lower Upper
152 100
150 158.7 124.1 186.1
115 60.1 49.1 73.7

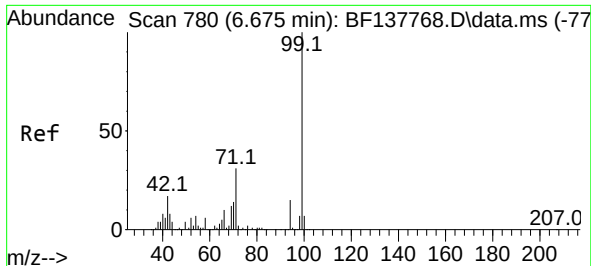


#5
2-Fluorophenol
Concen: 116.258 ng
RT: 5.686 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15



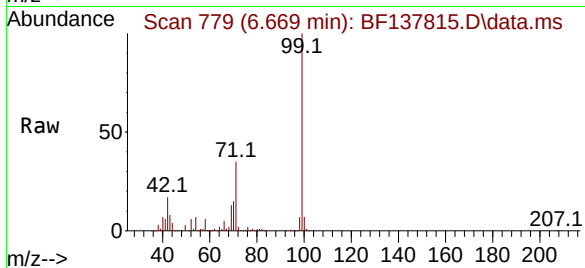
Tgt Ion:112 Resp: 1038270
Ion Ratio Lower Upper
112 100
64 54.0 47.3 70.9
63 28.1 23.7 35.5





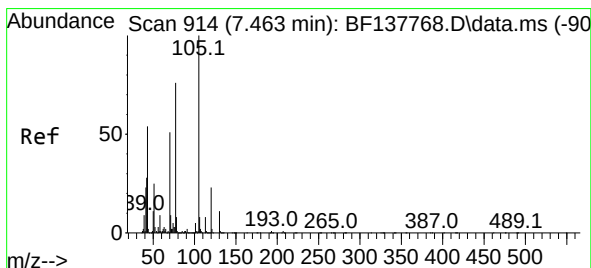
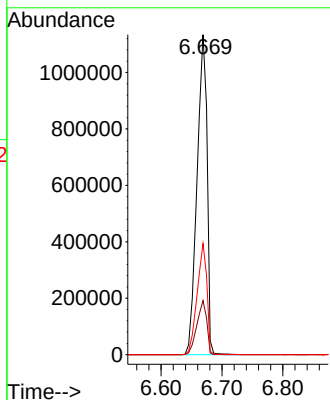
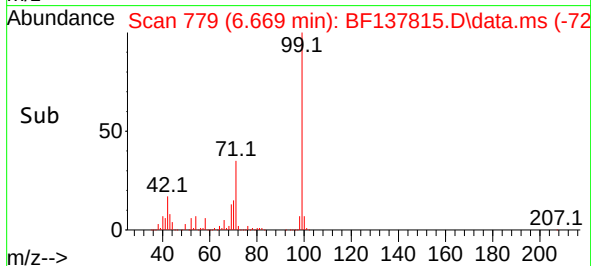
#7
Phenol-d6
Concen: 114.534 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Instrument :
BNA_F
ClientSampleId :

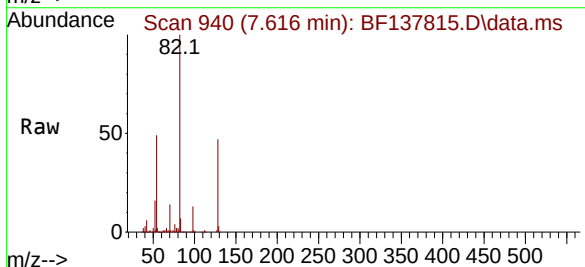


Tgt Ion: 99 Resp: 1297422

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.2	19.8
71	34.8	25.0	37.4

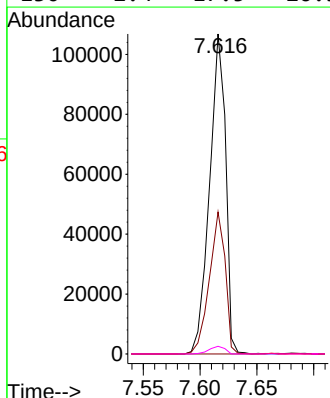
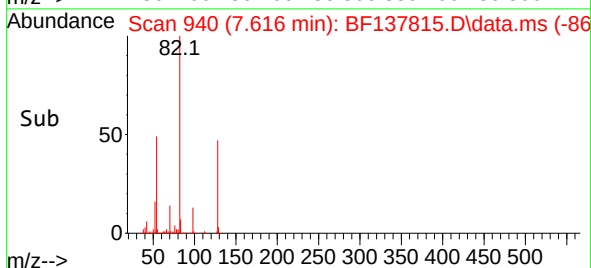


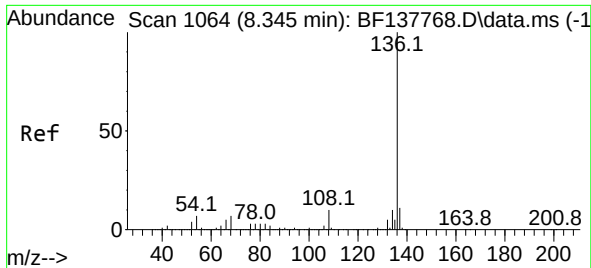
#19
n-Nitroso-di-n-propylamine
Concen: 15.490 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15



Tgt Ion: 70 Resp: 104861

Ion	Ratio	Lower	Upper
70	100		
42	44.4	44.6	66.8#
101	0.0	7.8	11.6#
130	2.4	17.5	26.3#



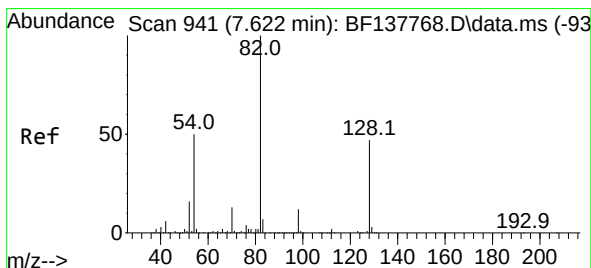
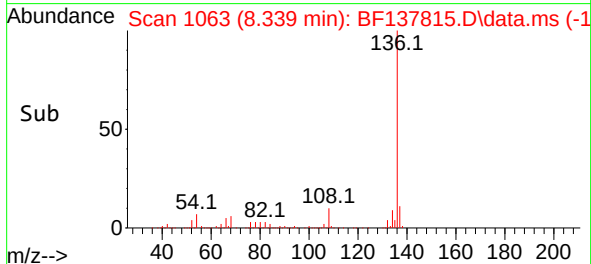
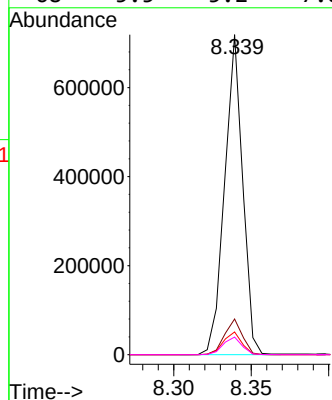
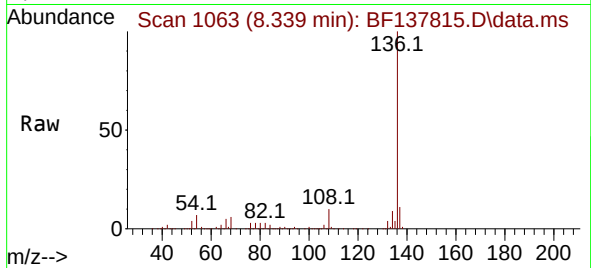


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 580838

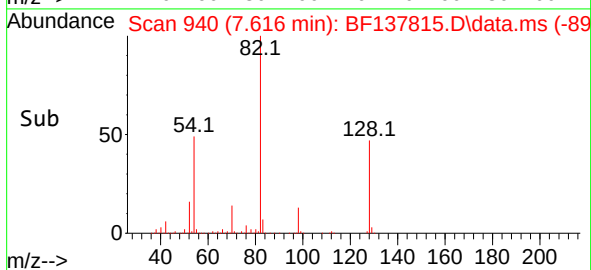
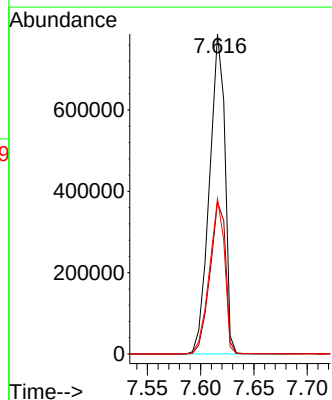
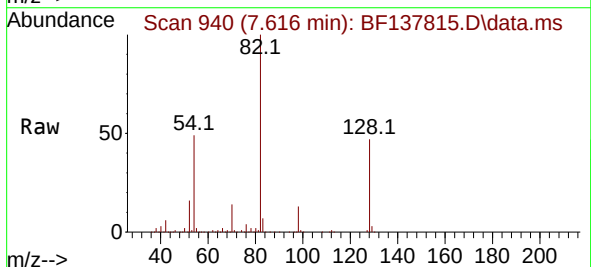
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	5.5	5.2	7.8

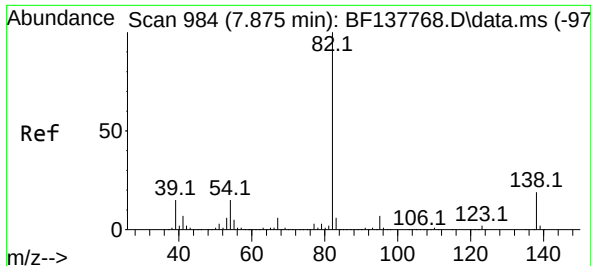


#23
Nitrobenzene-d5
Concen: 79.614 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Tgt Ion: 82 Resp: 795946

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	48.5	39.8	59.6

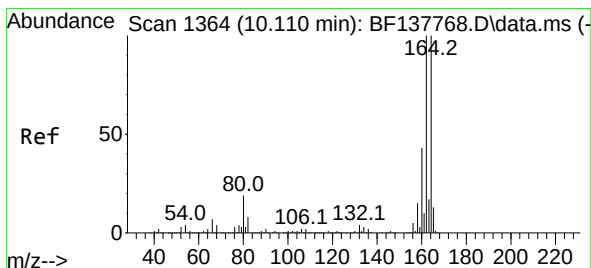
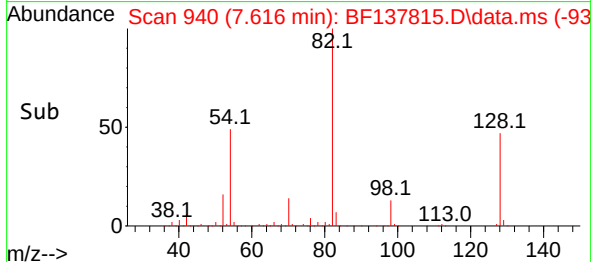
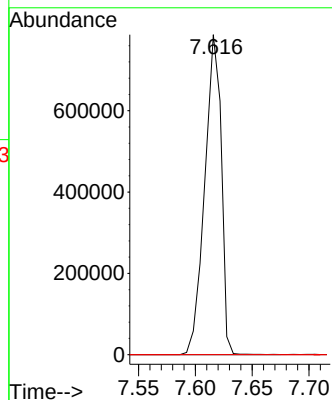
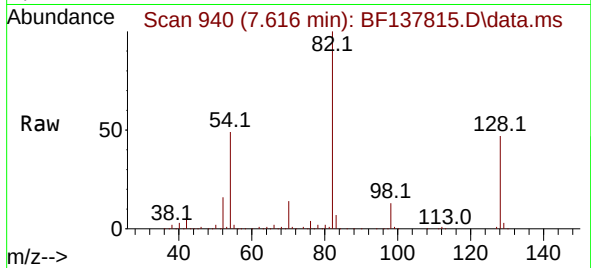




#25
Isophorone
Concen: 44.164 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

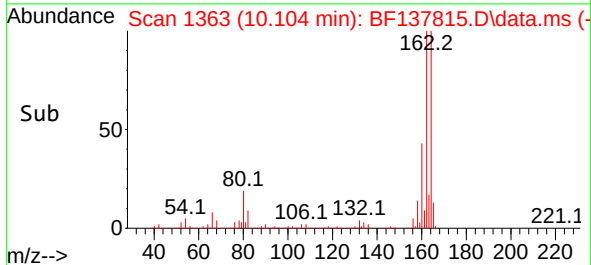
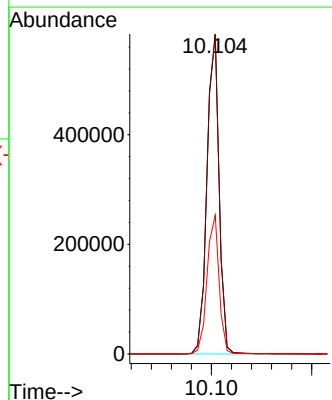
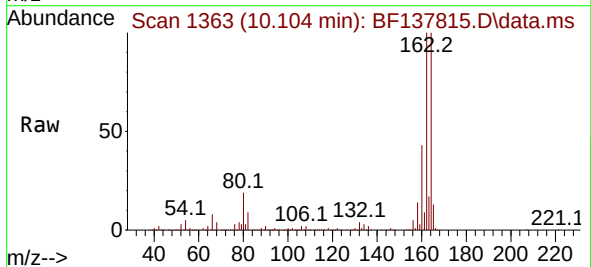
Instrument :
BNA_F
ClientSampleId :

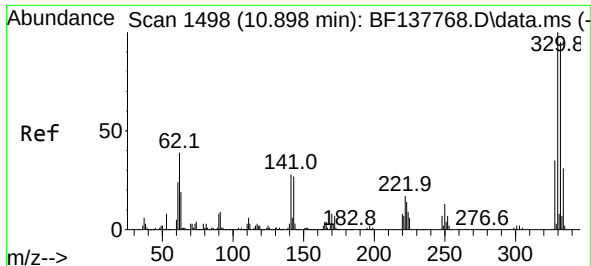
Tgt Ion: 82 Resp: 796077
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137815.D
Acq: 02 May 2024 15:15

Tgt Ion:164 Resp: 491060
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.865 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

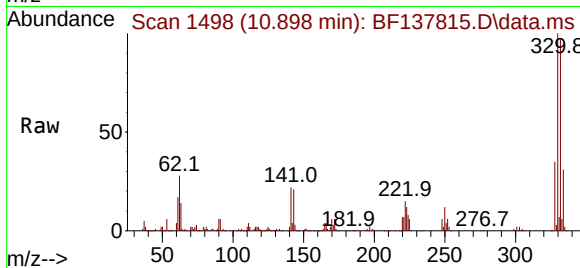
Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :



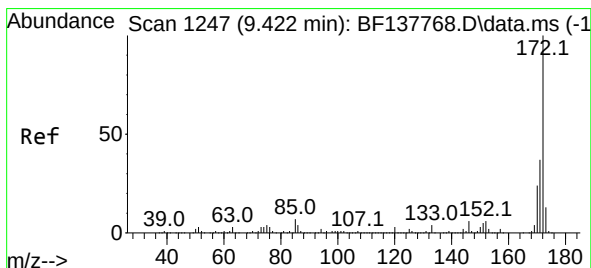
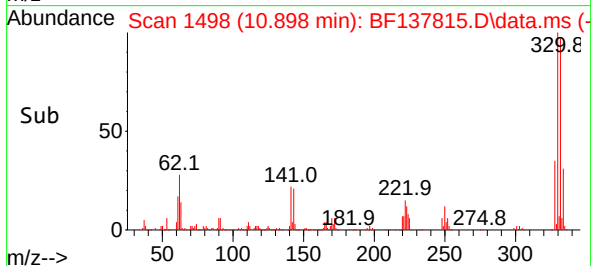
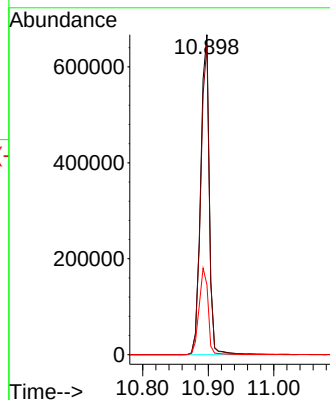
Tgt Ion:330 Resp: 611010

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 28.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 54.859 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

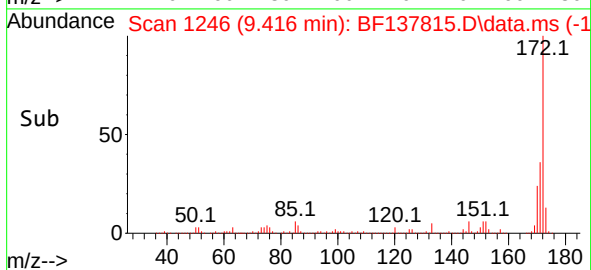
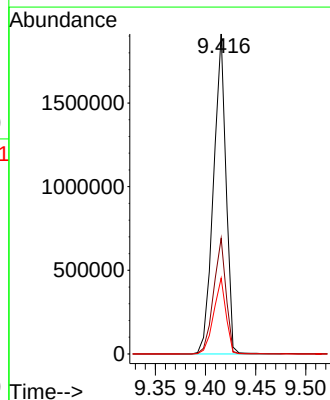
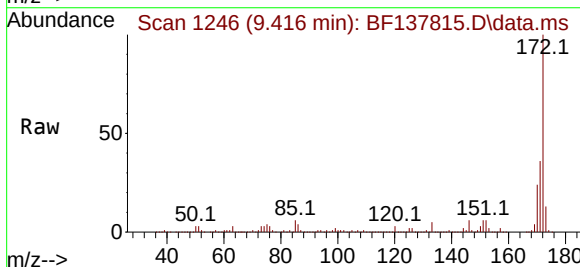
Tgt Ion:172 Resp: 1660480

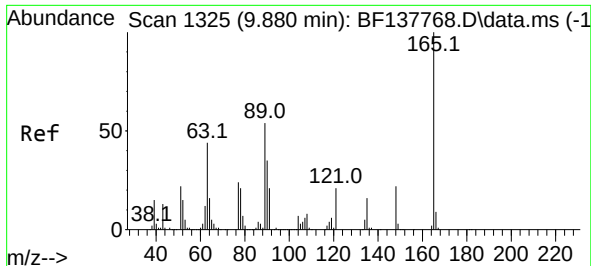
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.7 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 9.063 ng

RT: 10.104 min Scan# 1363

Delta R.T. 0.223 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

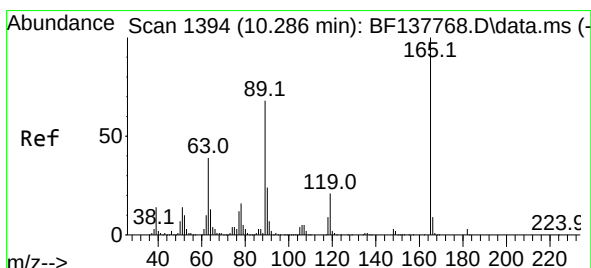
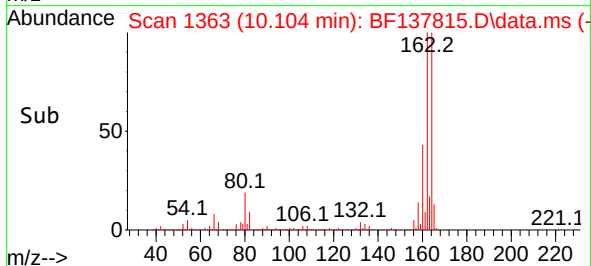
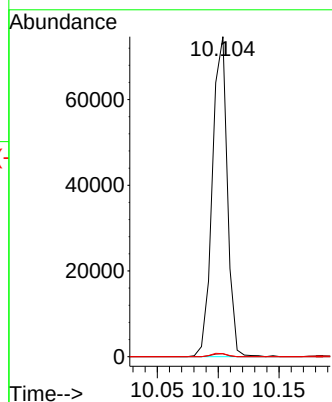
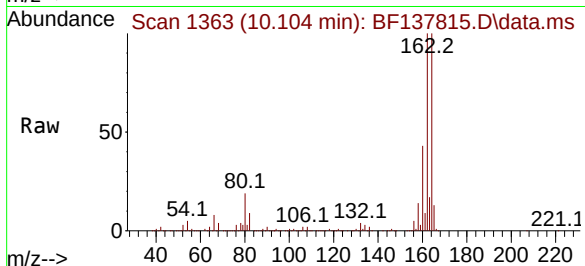
Tgt Ion:165 Resp: 64204

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: 6.937 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.183 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Tgt Ion:165 Resp: 64205

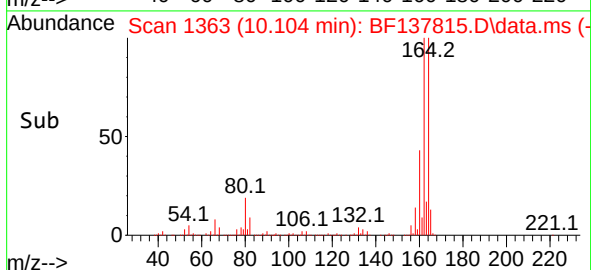
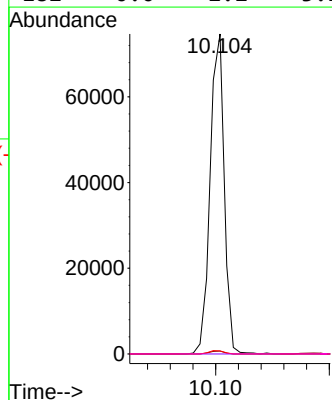
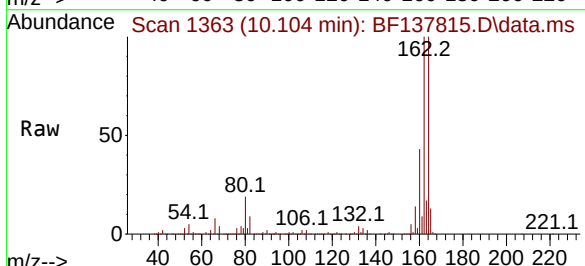
Ion Ratio Lower Upper

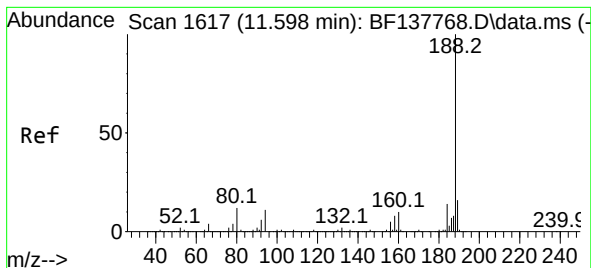
165 100

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: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

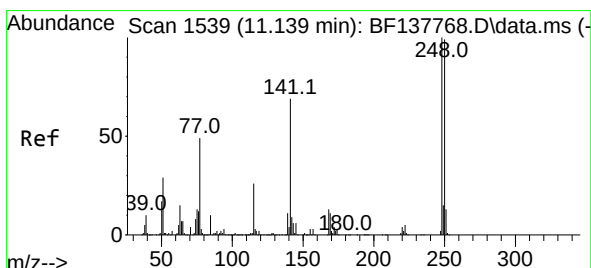
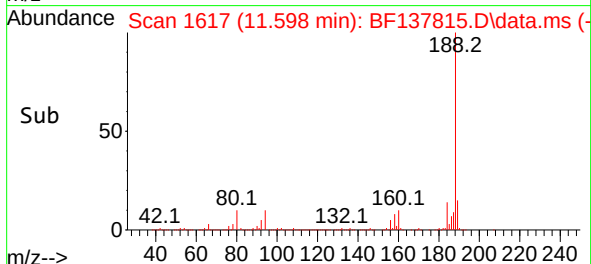
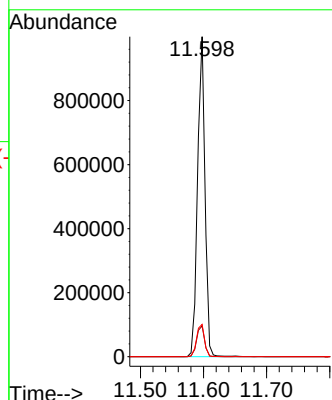
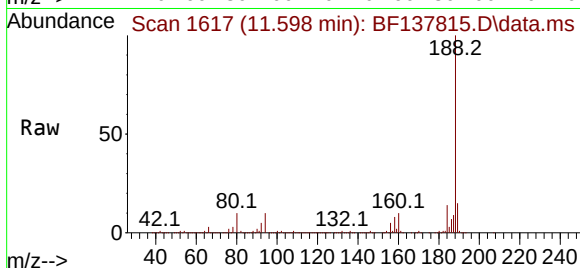
Tgt Ion:188 Resp: 812268

Ion Ratio Lower Upper

188 100

94 9.6 8.8 13.2

80 10.1 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.543 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

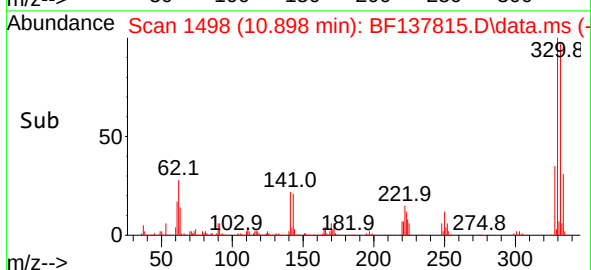
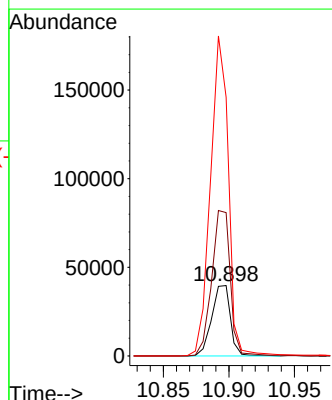
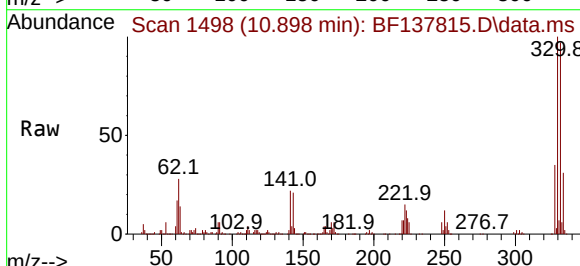
Tgt Ion:248 Resp: 39489

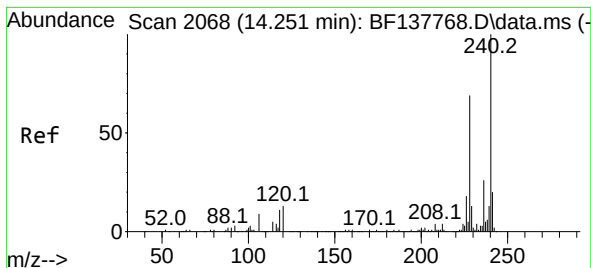
Ion Ratio Lower Upper

248 100

250 204.0 79.1 118.7#

141 367.9 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

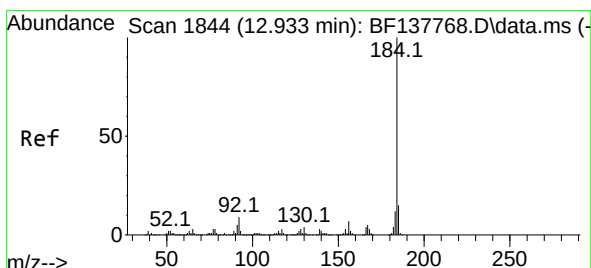
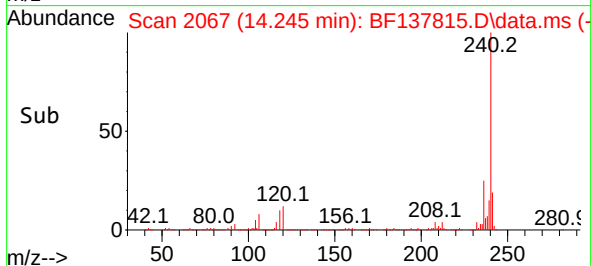
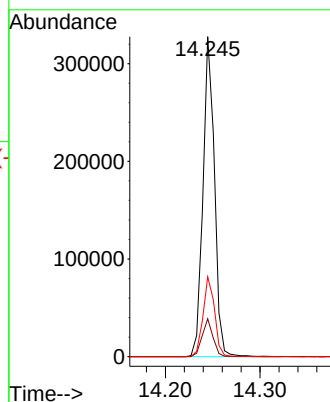
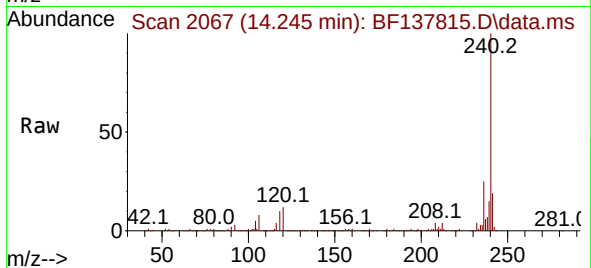
Tgt Ion:240 Resp: 277203

Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 25.0 20.4 30.6



#77

Benzdine

Concen: 3.084 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

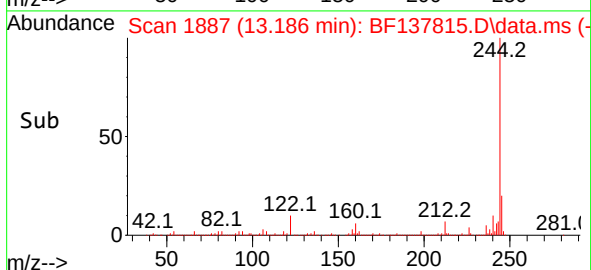
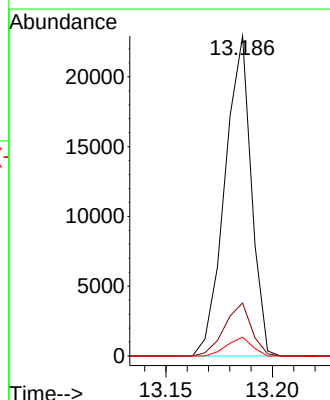
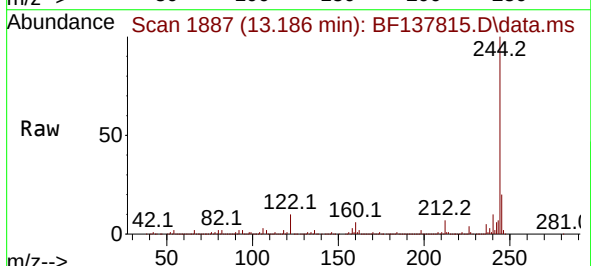
Tgt Ion:184 Resp: 19769

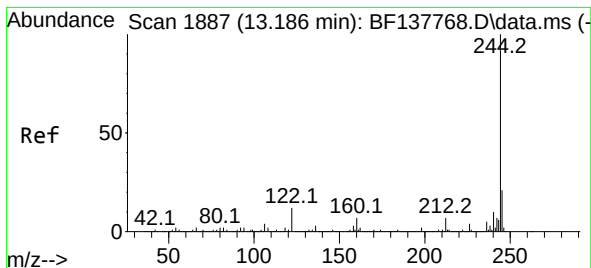
Ion Ratio Lower Upper

184 100

185 16.6 12.3 18.5

183 5.9 9.2 13.8#





#79

Terphenyl-d14

Concen: 96.600 ng

RT: 13.186 min Scan# 1887

Delta R.T. -0.000 min

Lab File: BF137815.D

Acq: 02 May 2024 15:15

Instrument :

BNA_F

ClientSampleId :

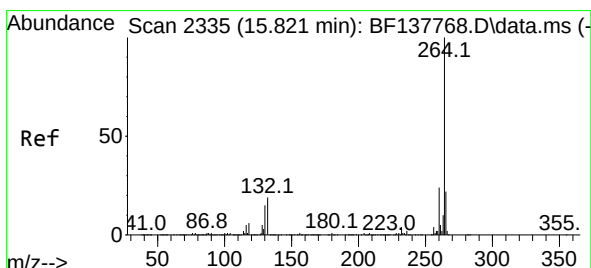
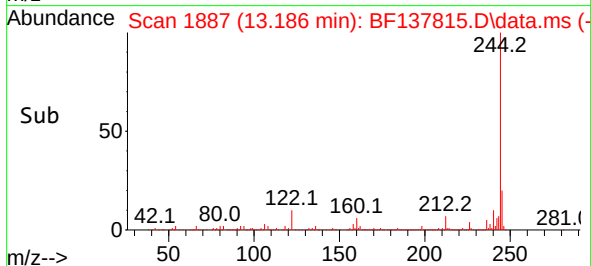
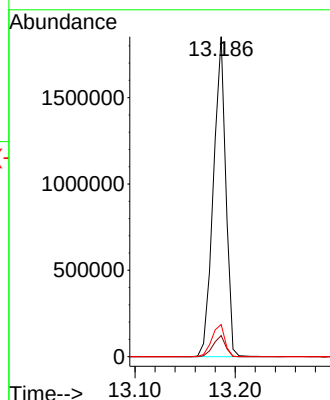
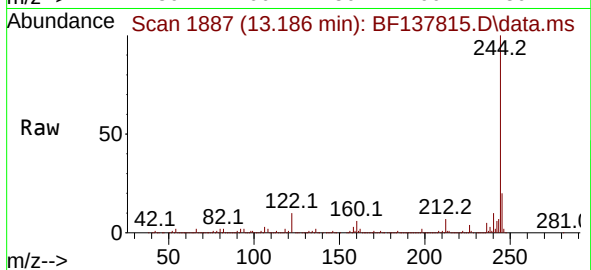
Tgt Ion:244 Resp: 1597854

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 10.1 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: BF137815.D

Acq: 02 May 2024 15:15

Tgt Ion:264 Resp: 287164

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 20.7 17.4 26.0

