

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137846.D
 Acq On : 07 May 2024 14:37
 Operator : CG\JU
 Sample : P2312-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-125-SB-02

Quant Time: May 07 15:10:07 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)

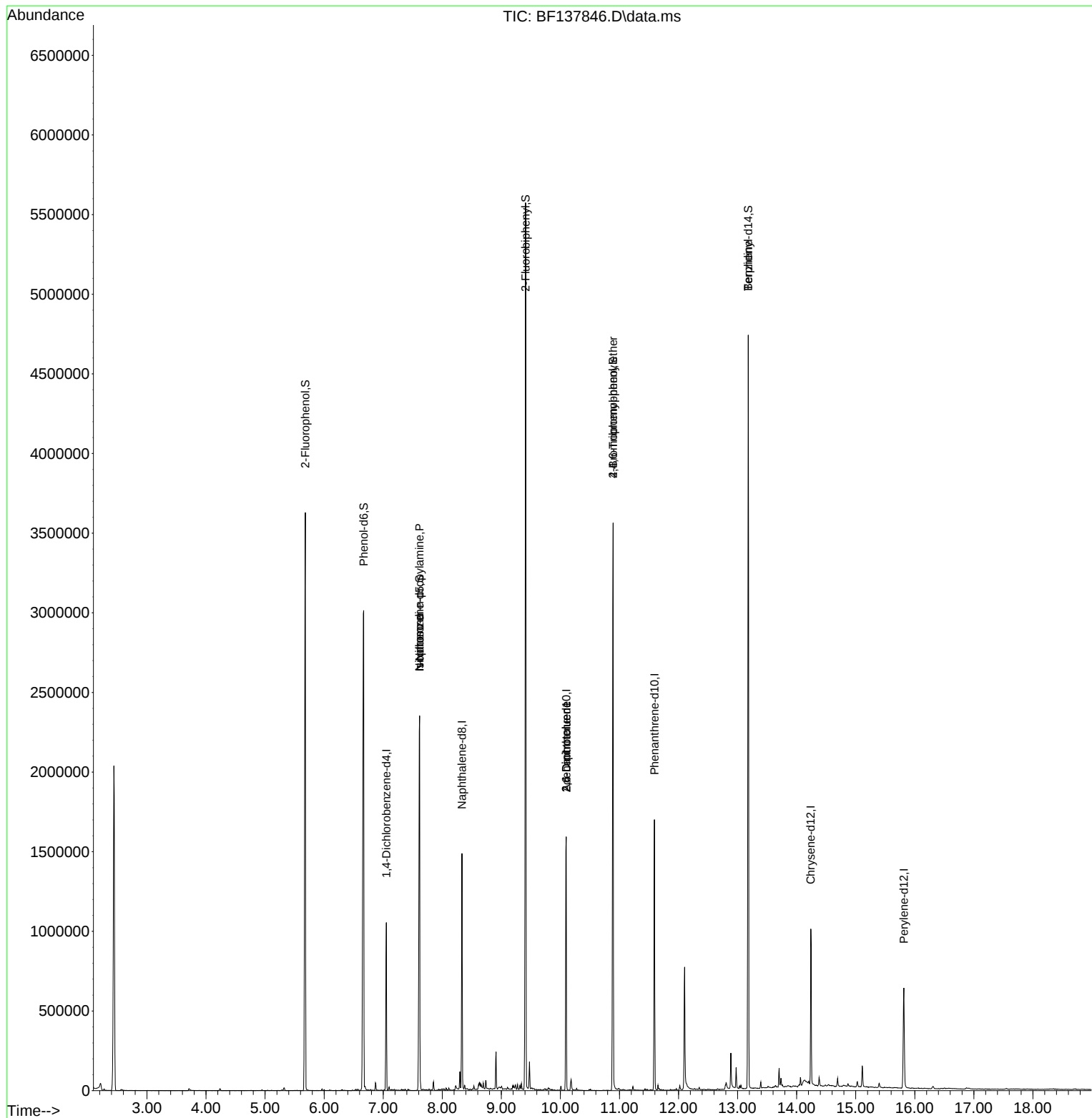
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	151763	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	600190	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	348132	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	574021	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	327921	20.000	ng	-0.01
86) Perylene-d12	15.815	264	302071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1124037	124.007	ng	0.00
7) Phenol-d6	6.669	99	1428086	124.211	ng	0.00
23) Nitrobenzene-d5	7.616	82	888980	86.053	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	482141	135.642	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1820421	84.835	ng	-0.01
79) Terphenyl-d14	13.180	244	1667673	85.228	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	119427	17.382	ng	# 75
25) Isophorone	7.616	82	888959	47.726	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	45381	9.036	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	45381	6.916	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	31609	5.145	ng	# 1
77) Benzidine	13.180	184	20995	2.768	ng	# 1

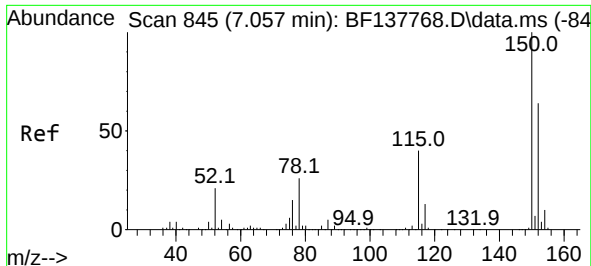
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: May 07 15:10:07 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

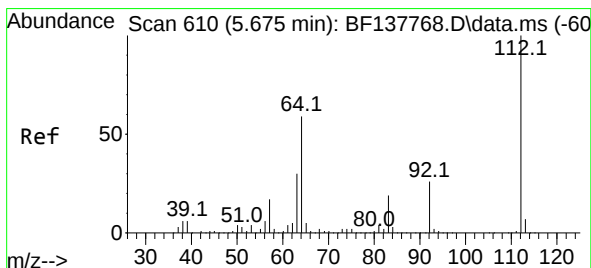
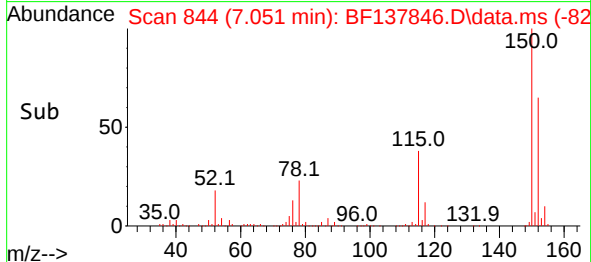
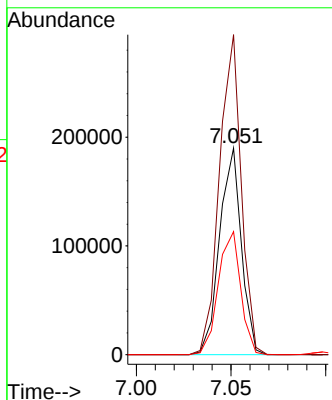
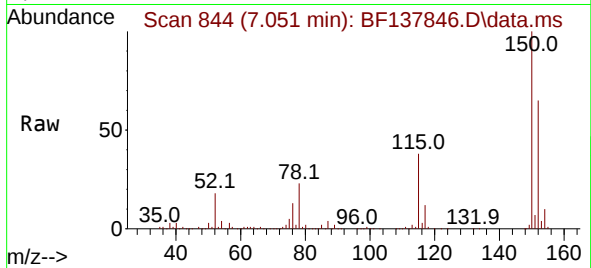




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

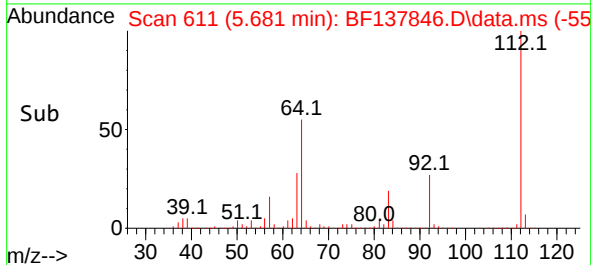
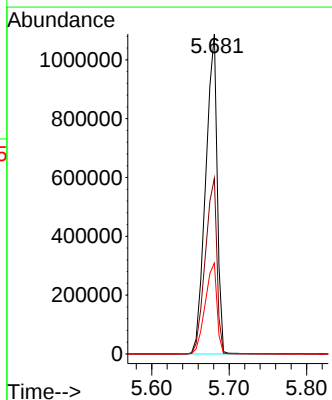
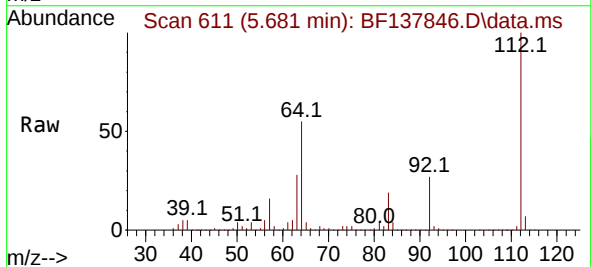
Instrument :
BNA_F
ClientSampleId :
B-125-SB-02

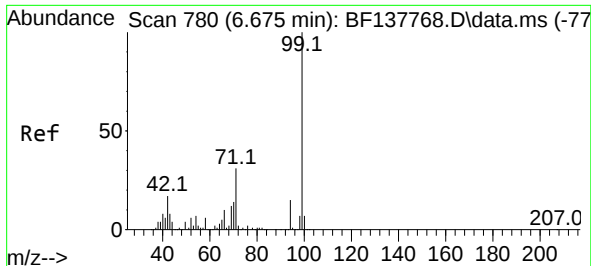
Tgt Ion:152 Resp: 151763
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 124.007 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion:112 Resp: 1124037
Ion Ratio Lower Upper
112 100
64 54.9 47.3 70.9
63 28.4 23.7 35.5

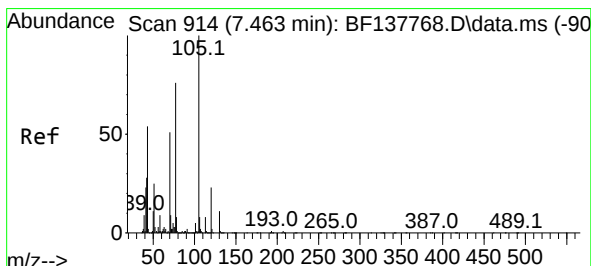
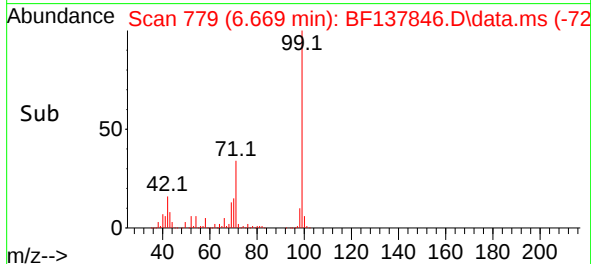
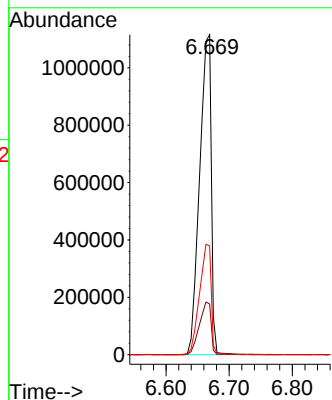
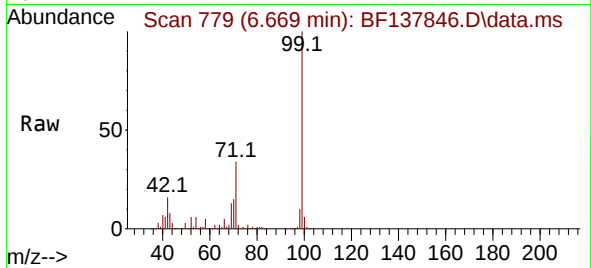




#7
Phenol-d6
Concen: 124.211 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

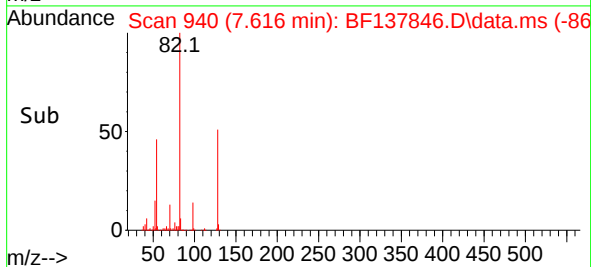
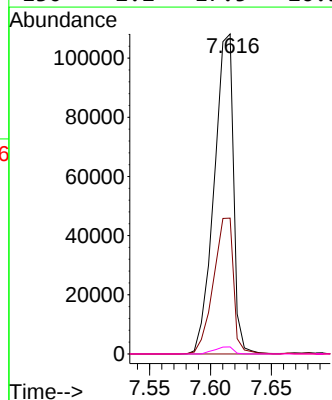
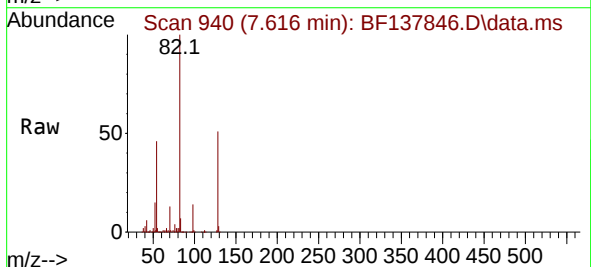
Instrument :
BNA_F
ClientSampleId :
B-125-SB-02

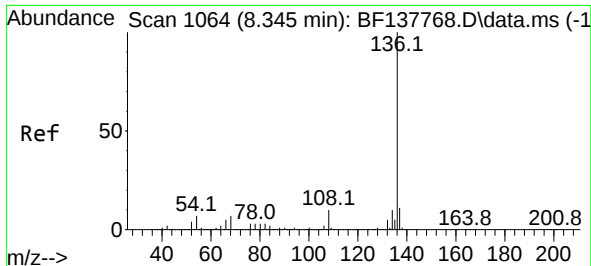
Tgt Ion: 99 Resp: 1428086
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 34.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.382 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion: 70 Resp: 119427
Ion Ratio Lower Upper
70 100
42 42.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



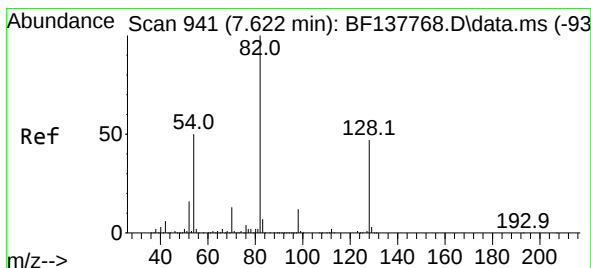
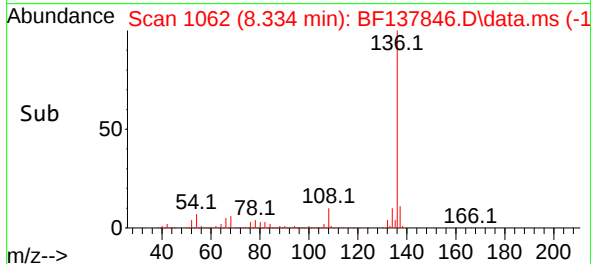
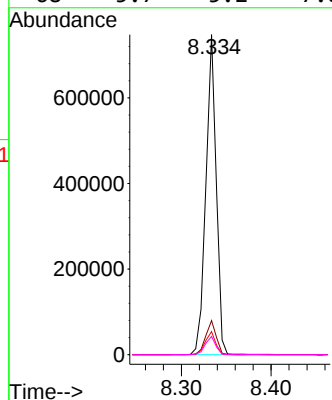
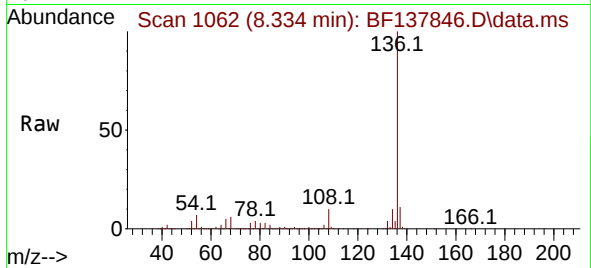


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Instrument :
BNA_F
ClientSampleId :
B-125-SB-02

Tgt Ion:136 Resp: 600190

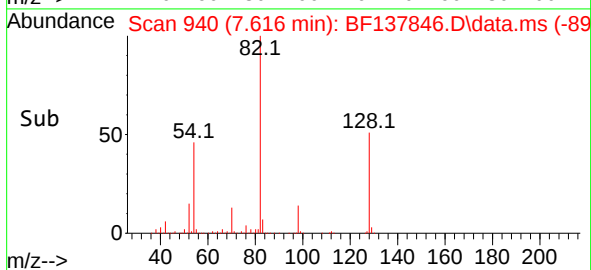
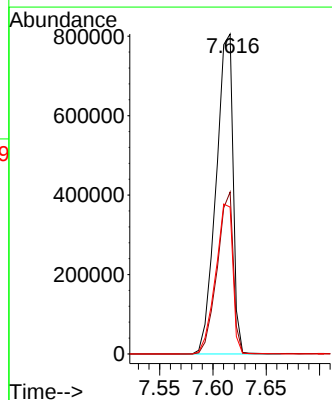
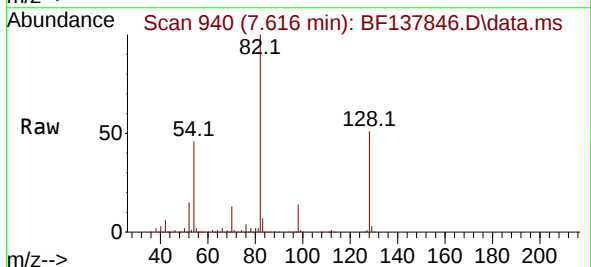
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.8	8.8
68	5.7	5.2	7.8

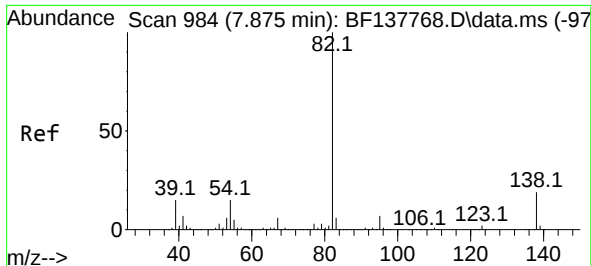


#23
Nitrobenzene-d5
Concen: 86.053 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion: 82 Resp: 888980

Ion	Ratio	Lower	Upper
82	100		
128	50.6	37.5	56.3
54	45.9	39.8	59.6

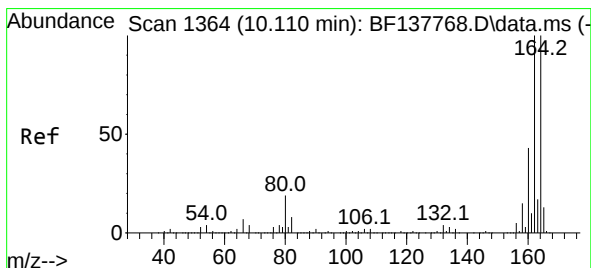
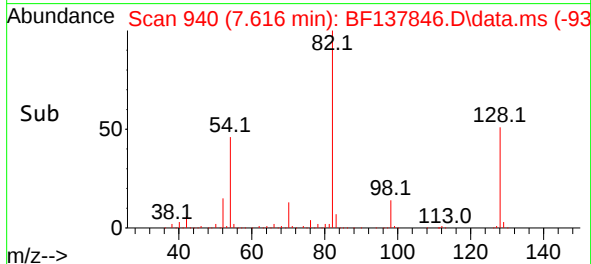
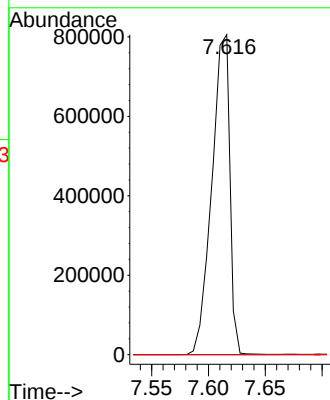
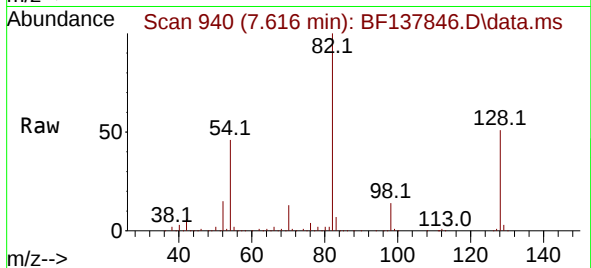




#25
Isophorone
Concen: 47.726 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

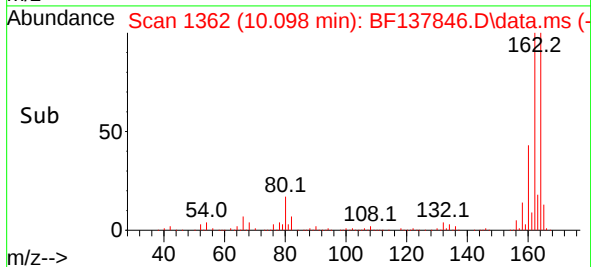
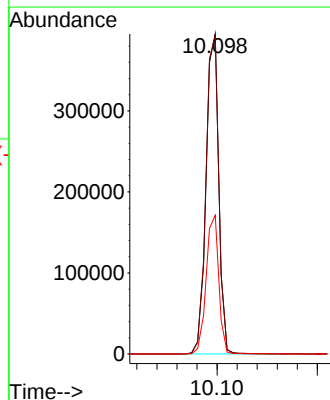
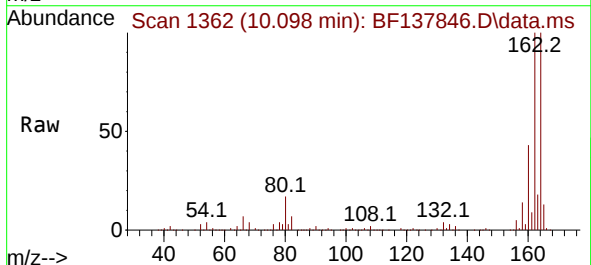
Instrument :
BNA_F
ClientSampleId :
B-125-SB-02

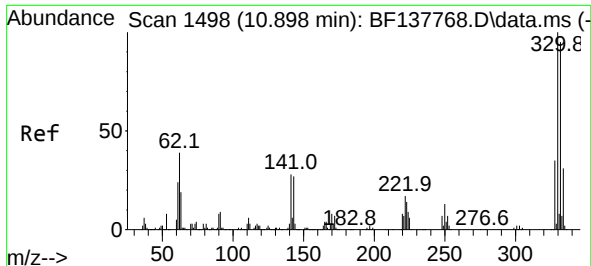
Tgt Ion: 82 Resp: 888959
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion: 164 Resp: 348132
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 135.642 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

Instrument :

BNA_F

ClientSampleId :

B-125-SB-02

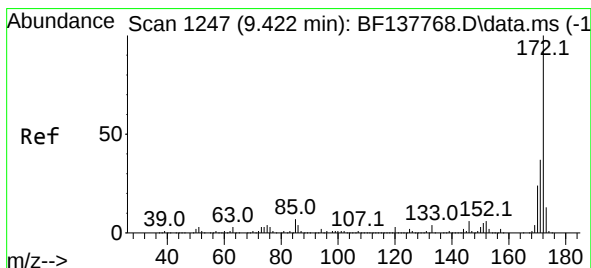
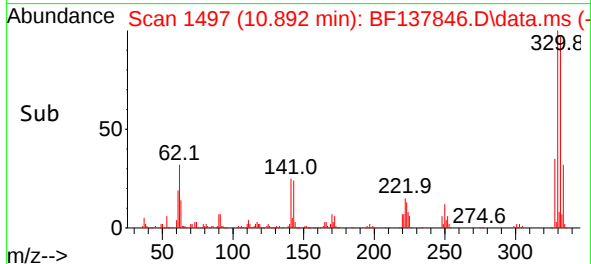
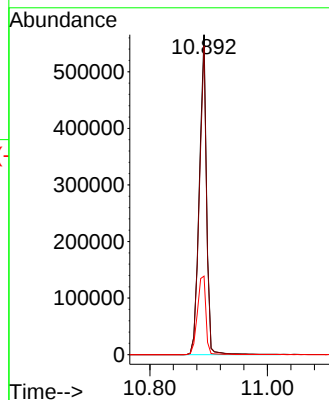
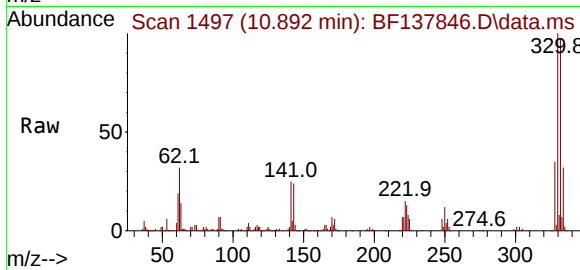
Tgt Ion:330 Resp: 482141

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 29.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 84.835 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

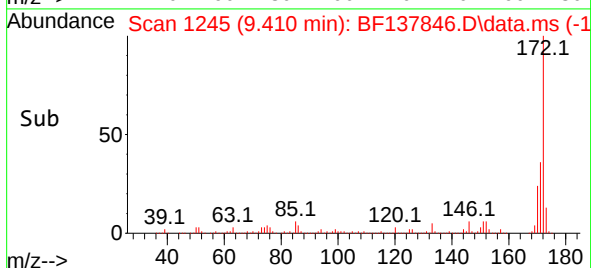
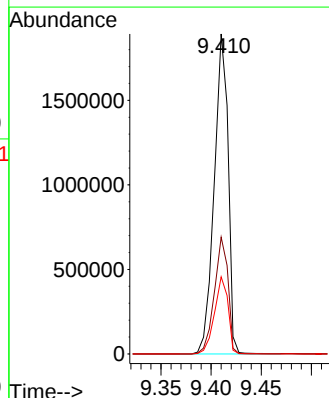
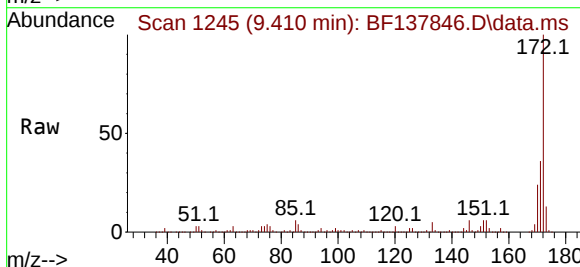
Tgt Ion:172 Resp: 1820421

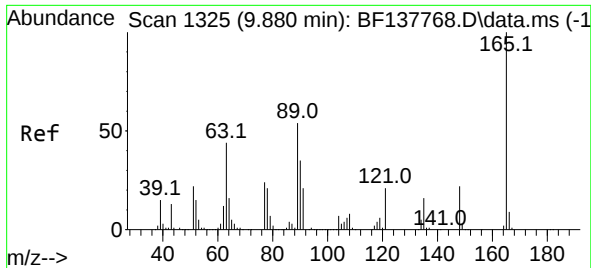
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.1 19.4 29.2

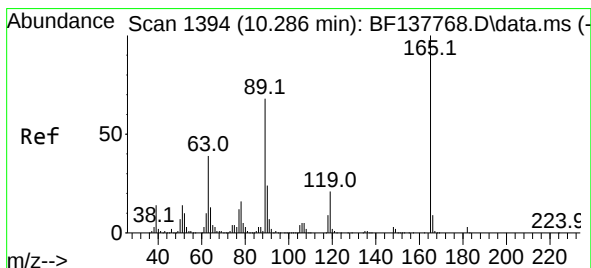
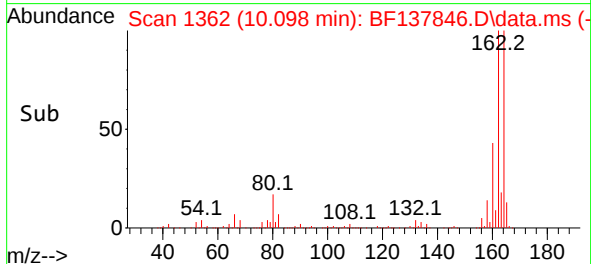
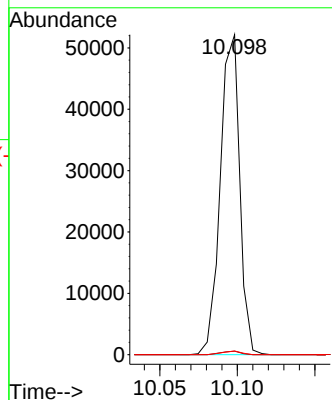
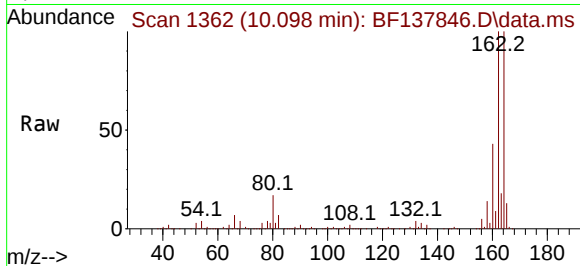




#51
2,6-Dinitrotoluene
Concen: 9.036 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

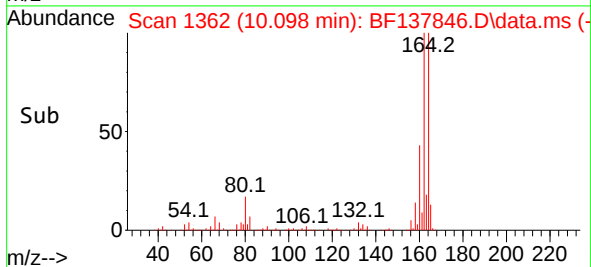
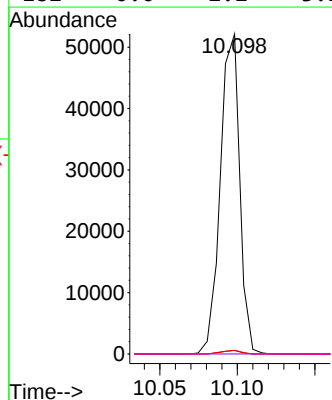
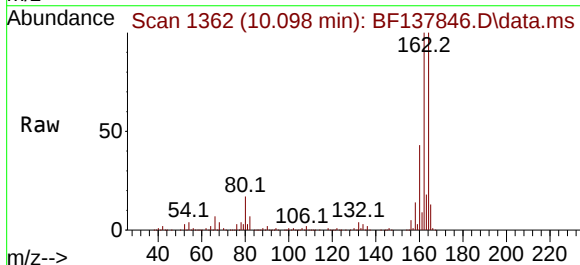
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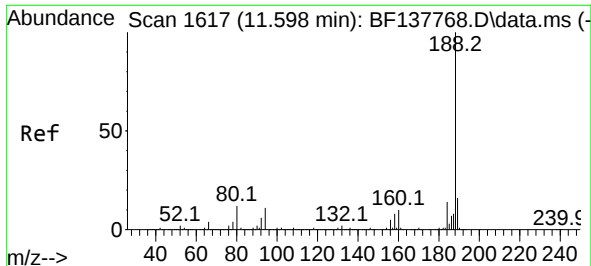
Tgt Ion:165 Resp: 45381
Ion Ratio Lower Upper
165 100
63 1.1 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion:165 Resp: 45381
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#

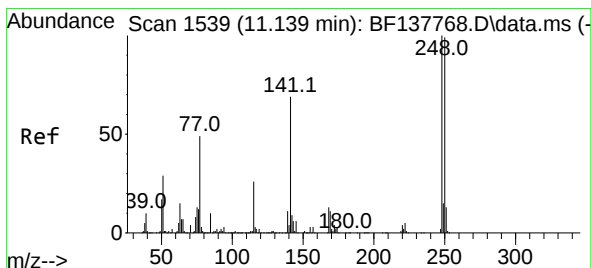
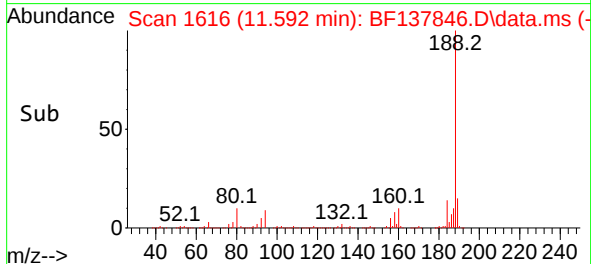
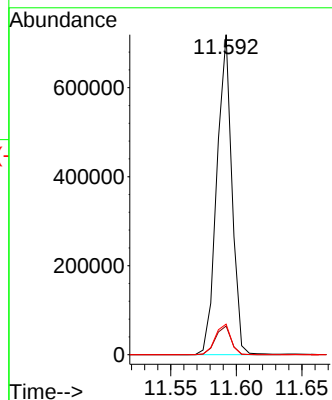
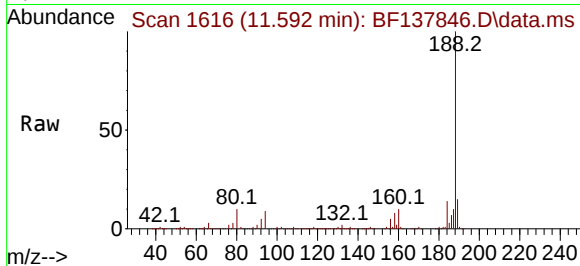




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

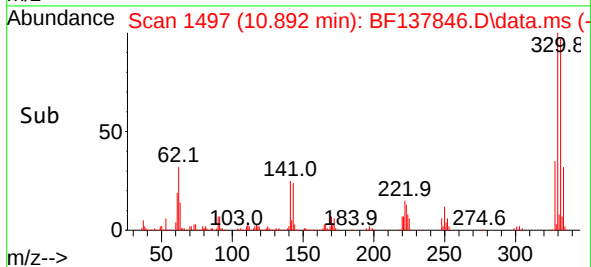
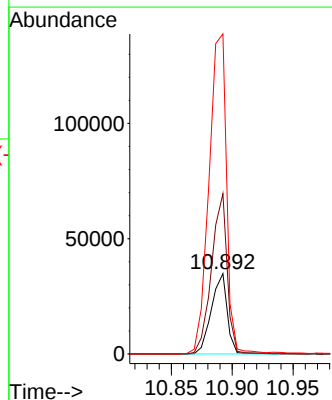
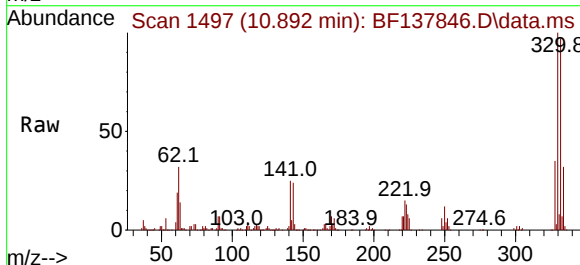
Instrument :
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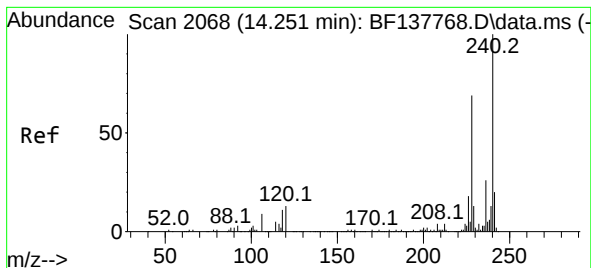
Tgt Ion:188 Resp: 574021
Ion Ratio Lower Upper
188 100
94 9.0 8.8 13.2
80 9.5 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 5.145 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.247 min
Lab File: BF137846.D
Acq: 07 May 2024 14:37

Tgt Ion:248 Resp: 31609
Ion Ratio Lower Upper
248 100
250 199.8 79.1 118.7#
141 398.6 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

Instrument :

BNA_F

ClientSampleId :

B-125-SB-02

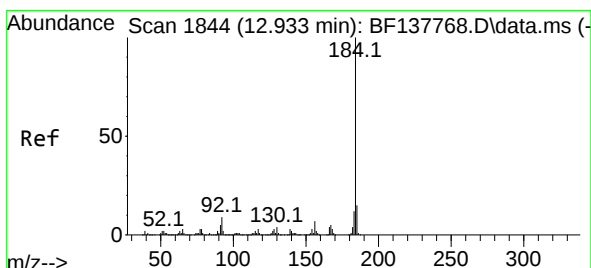
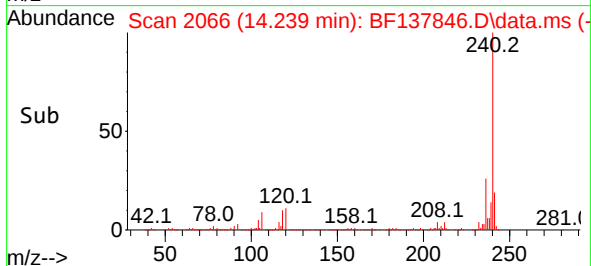
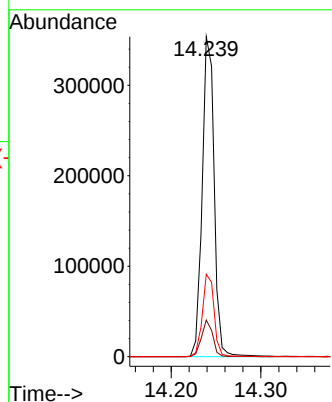
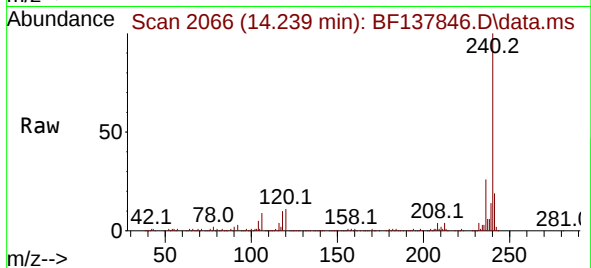
Tgt Ion:240 Resp: 327921

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

236 25.8 20.4 30.6



#77

Benzidine

Concen: 2.768 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

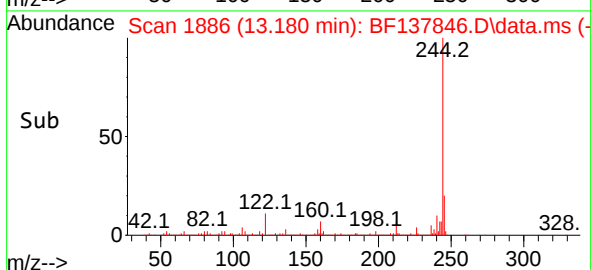
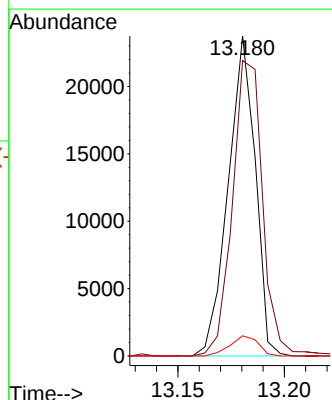
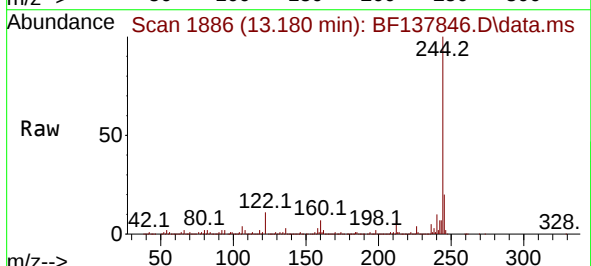
Tgt Ion:184 Resp: 20995

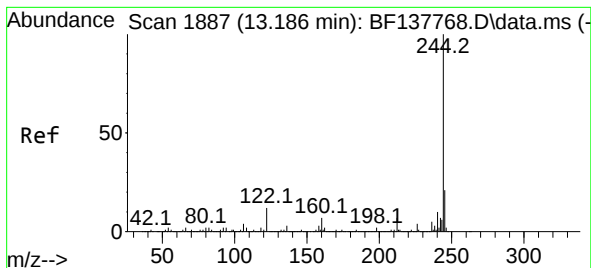
Ion Ratio Lower Upper

184 100

185 92.3 12.3 18.5#

183 6.3 9.2 13.8#





#79

Terphenyl-d14

Concen: 85.228 ng

RT: 13.180 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

Instrument :

BNA_F

ClientSampleId :

B-125-SB-02

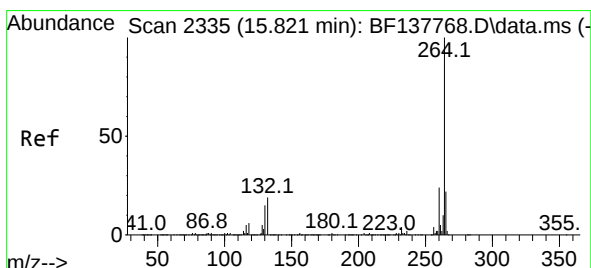
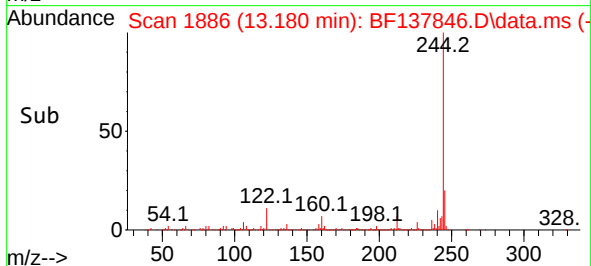
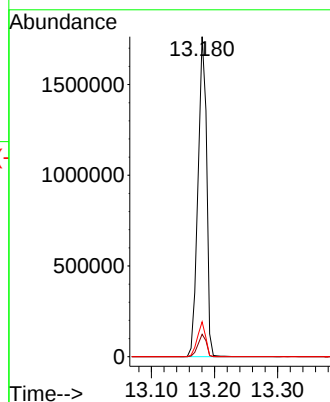
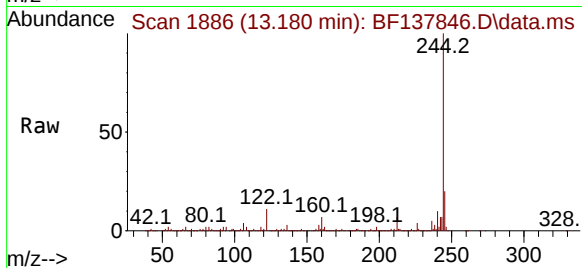
Tgt Ion:244 Resp: 1667673

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.815 min Scan# 2334

Delta R.T. -0.006 min

Lab File: BF137846.D

Acq: 07 May 2024 14:37

Tgt Ion:264 Resp: 302071

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.5 17.4 26.0

