

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137717.D
 Acq On : 24 Apr 2024 14:17
 Operator : CG\JU
 Sample : PB160462BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BL

Quant Time: Apr 24 15:07:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

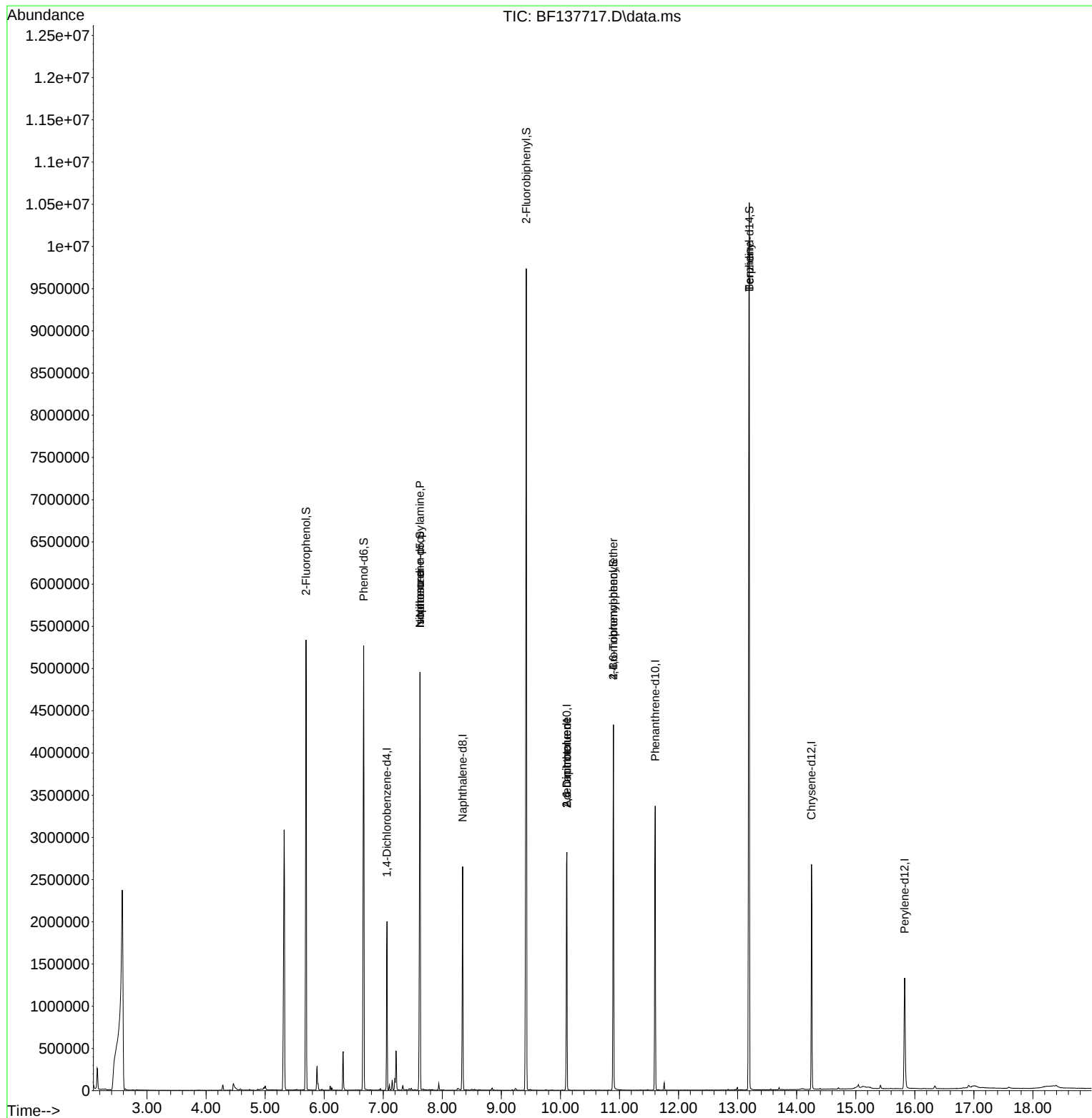
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	283619	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1129215	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	595813	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1126314	20.000	ng	0.00
76) Chrysene-d12	14.251	240	847938	20.000	ng	0.00
86) Perylene-d12	15.827	264	622451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1554299	83.247	ng	0.01
7) Phenol-d6	6.669	99	1973201	83.222	ng	0.00
23) Nitrobenzene-d5	7.622	82	1740590	81.823	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	494214	82.202	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3361206	84.294	ng	0.00
79) Terphenyl-d14	13.198	244	4141045	78.605	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.622	70	233203	15.210	ng	Qvalue 79
25) Isophorone	7.622	82	1737970	43.990	ng	# 64
51) 2,6-Dinitrotoluene	10.110	165	77982	8.916	ng	# 23
57) 2,4-Dinitrotoluene	10.110	165	77982	7.072	ng	# 25
67) 4-Bromophenyl-phenylether	10.898	248	33237	2.547	ng	# 1
77) Benzidine	13.198	184	53822	2.718	ng	# 94

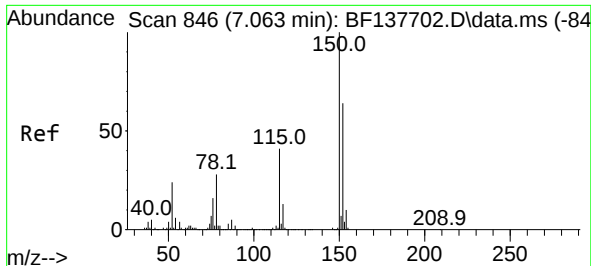
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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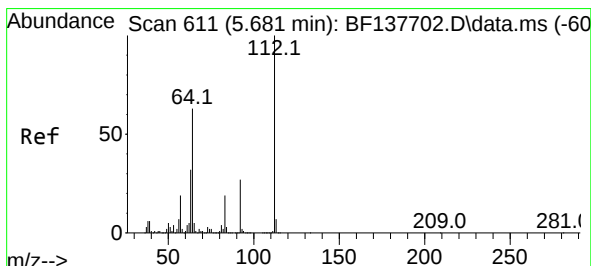
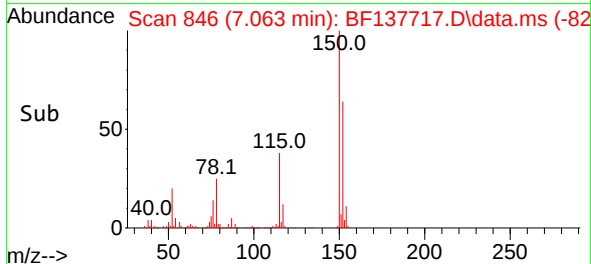
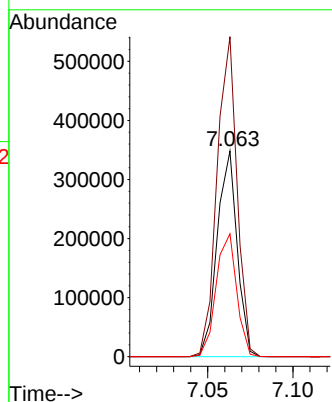
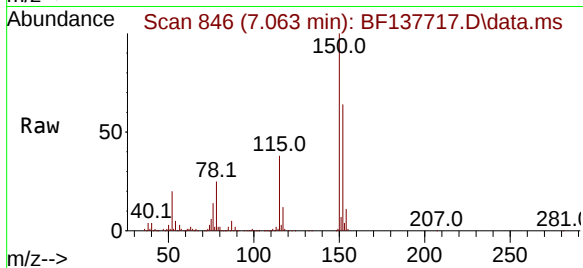




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

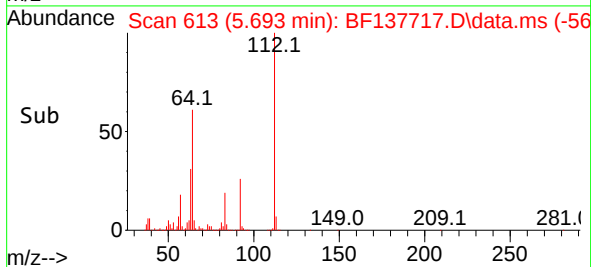
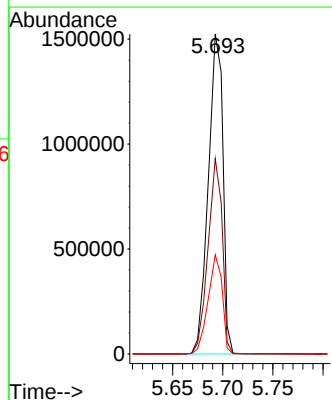
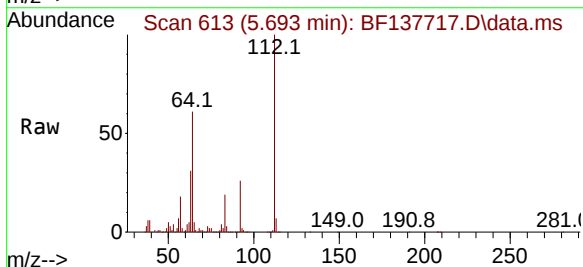
Instrument :
BNA_F
ClientSampleId :
PB160462BL

Tgt Ion:152 Resp: 283619
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.4
115 59.8 50.8 76.2



#5
2-Fluorophenol
Concen: 83.247 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.012 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

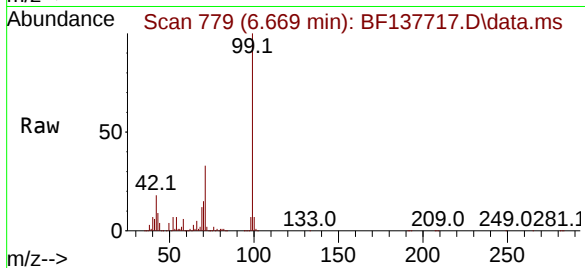
Tgt Ion:112 Resp: 1554299
Ion Ratio Lower Upper
112 100
64 61.0 50.1 75.1
63 31.0 25.2 37.8





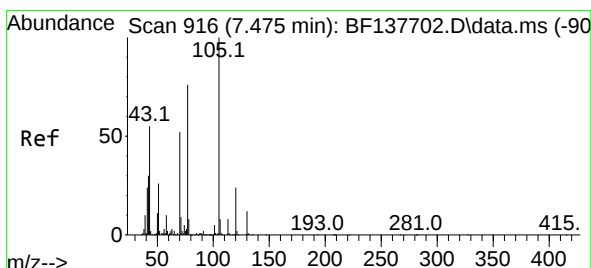
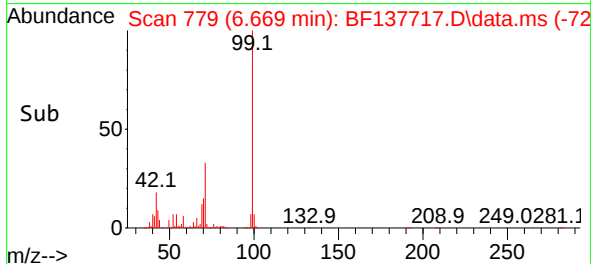
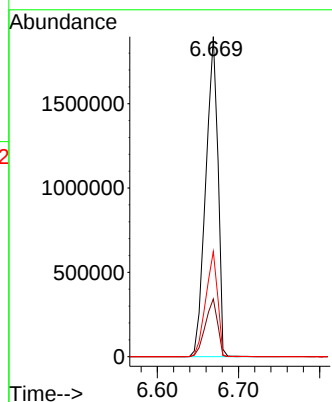
#7
Phenol-d6
Concen: 83.222 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Instrument :
BNA_F
ClientSampleId :
PB160462BL



Tgt Ion: 99 Resp: 1973201

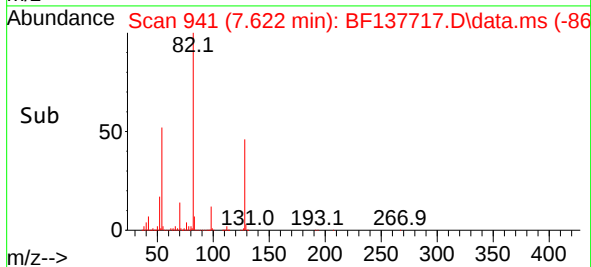
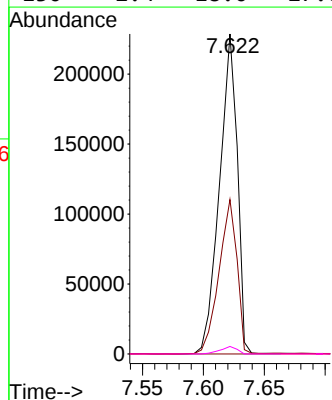
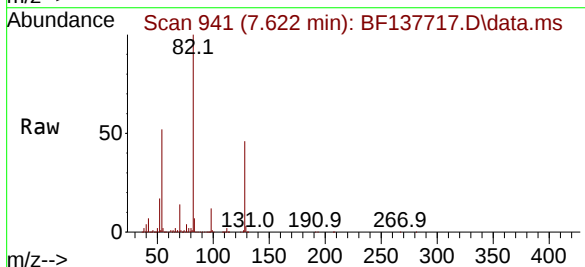
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.8	25.7	38.5

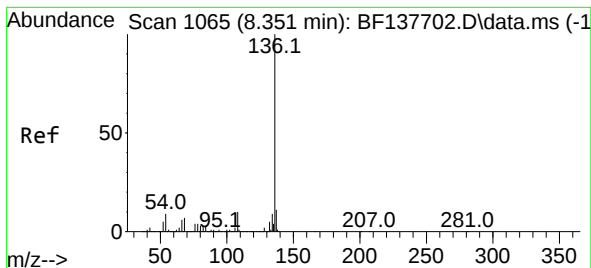


#19
n-Nitroso-di-n-propylamine
Concen: 15.210 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Tgt Ion: 70 Resp: 233203

Ion	Ratio	Lower	Upper
70	100		
42	48.3	45.9	68.9
101	0.0	8.0	12.0#
130	2.4	18.0	27.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.345 min Scan# 1064

Delta R.T. -0.006 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

Tgt Ion:136 Resp: 1129215

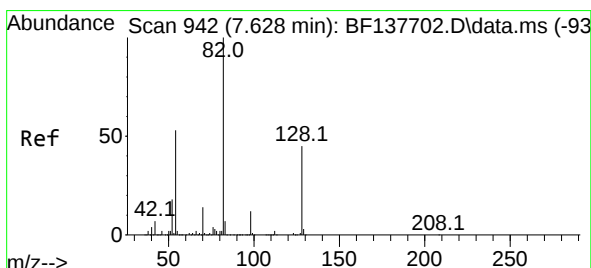
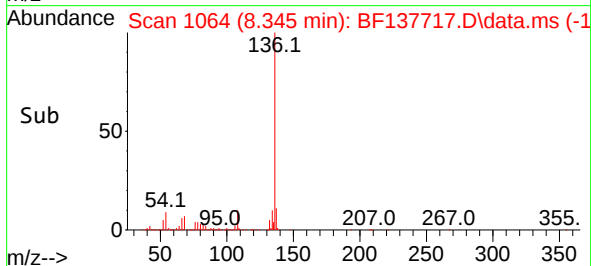
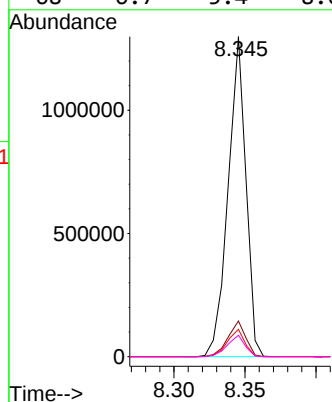
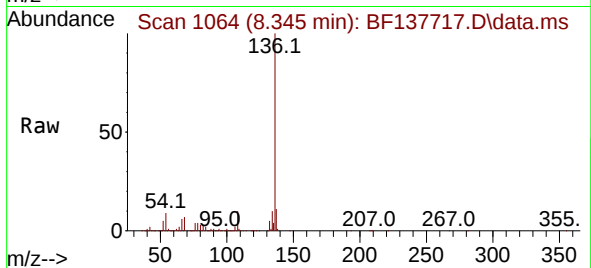
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.5 6.9 10.3

68 6.7 5.4 8.0



#23

Nitrobenzene-d5

Concen: 81.823 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

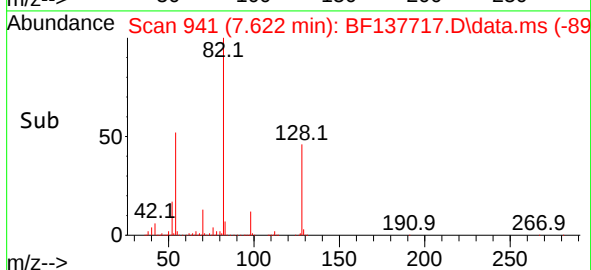
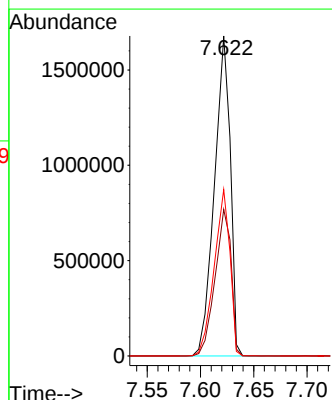
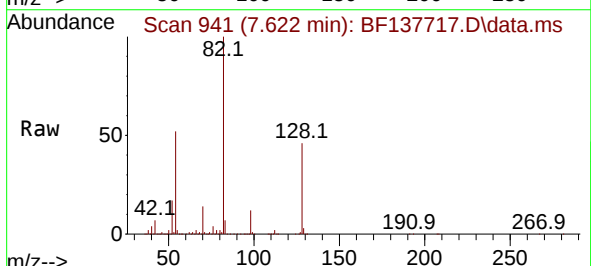
Tgt Ion: 82 Resp: 1740590

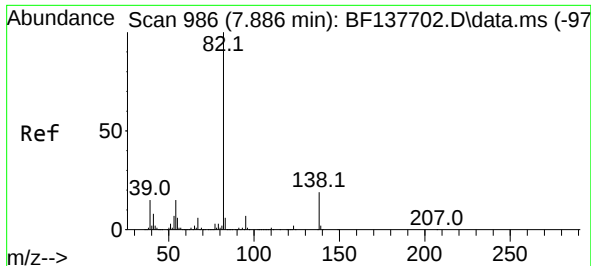
Ion Ratio Lower Upper

82 100

128 45.8 35.8 53.6

54 52.0 42.5 63.7

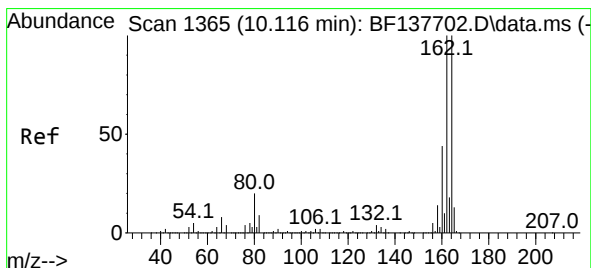
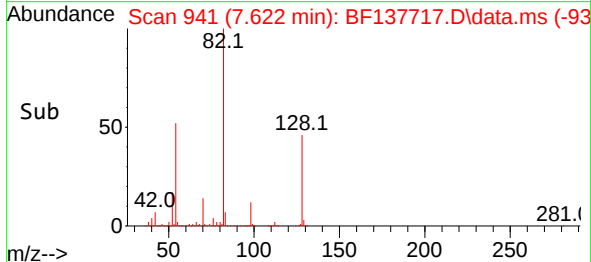
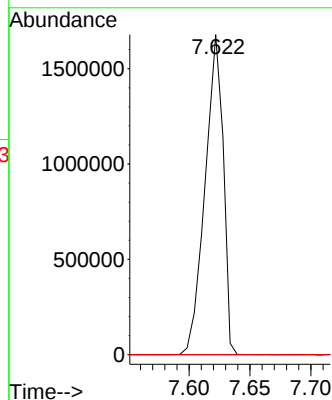
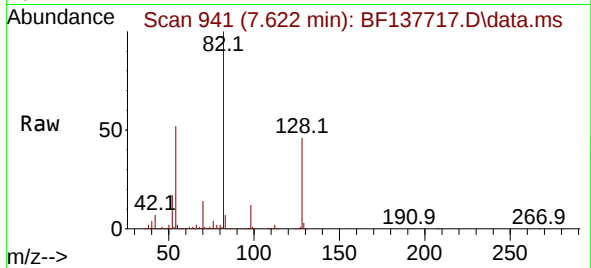




#25
Isophorone
Concen: 43.990 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

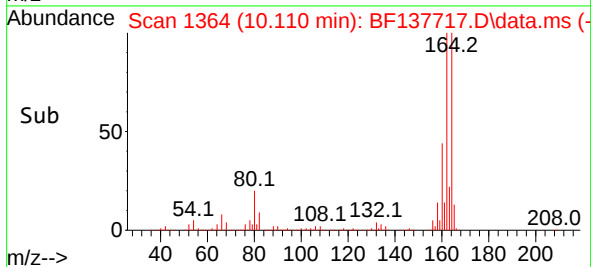
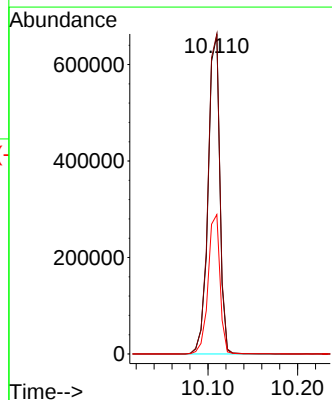
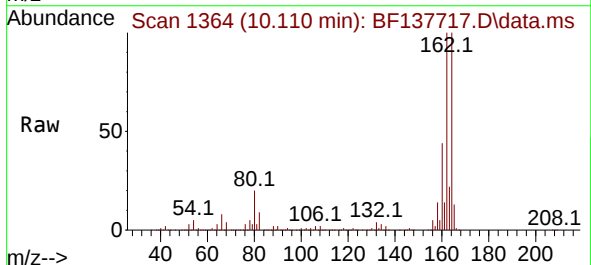
Instrument :
BNA_F
ClientSampleId :
PB160462BL

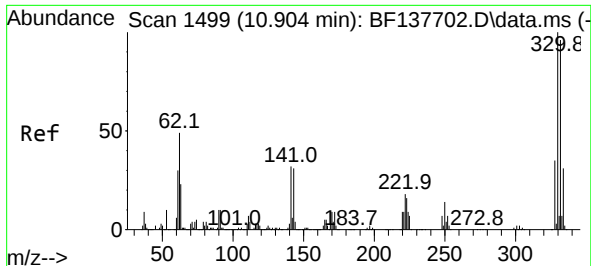
Tgt Ion: 82 Resp: 1737970
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Tgt Ion:164 Resp: 595813
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 43.7 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 82.202 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

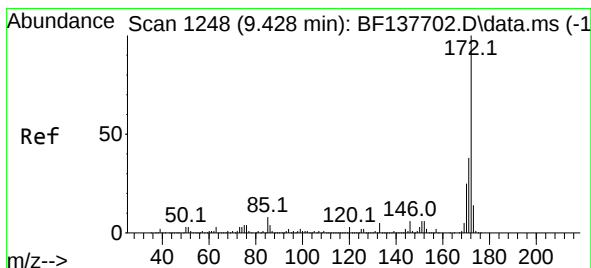
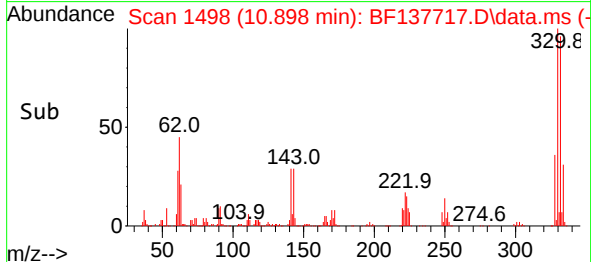
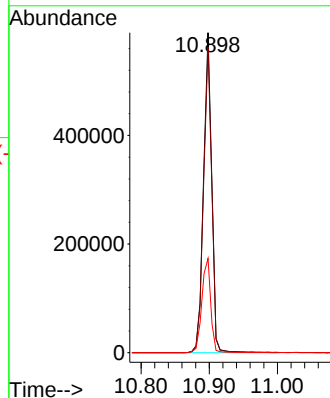
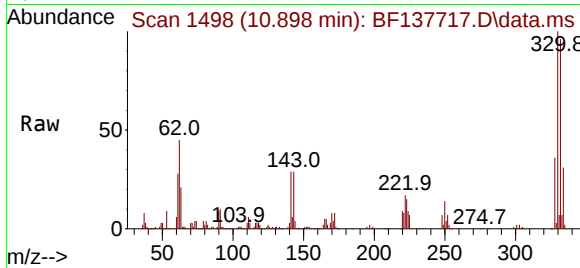
Tgt Ion:330 Resp: 494214

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 32.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 84.294 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

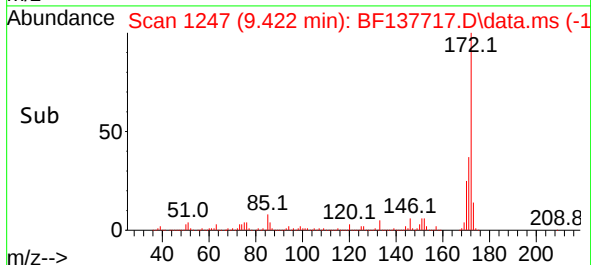
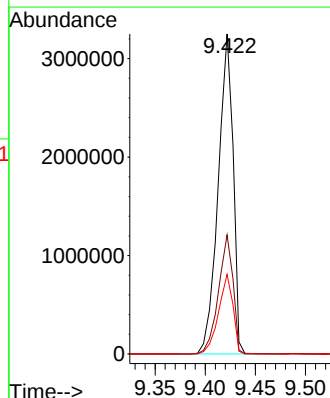
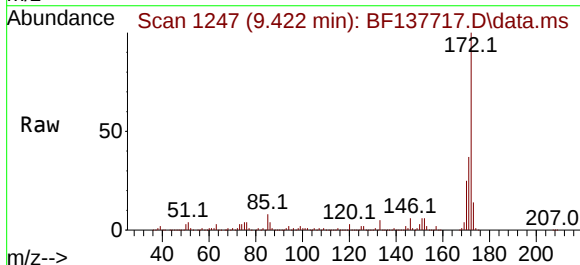
Tgt Ion:172 Resp: 3361206

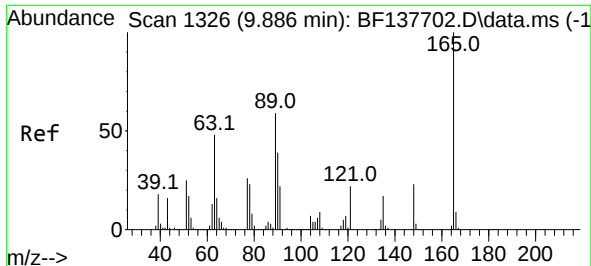
Ion Ratio Lower Upper

172 100

171 37.2 30.2 45.4

170 24.8 20.2 30.4

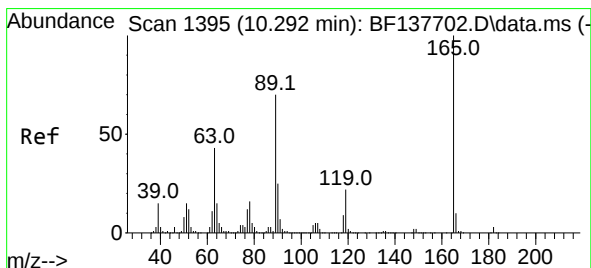
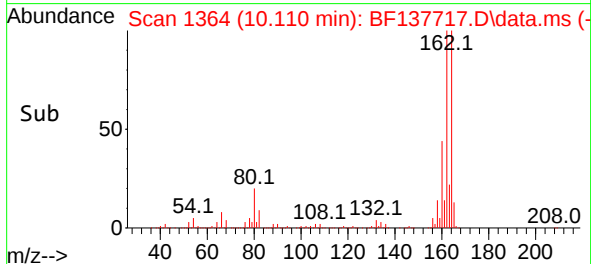
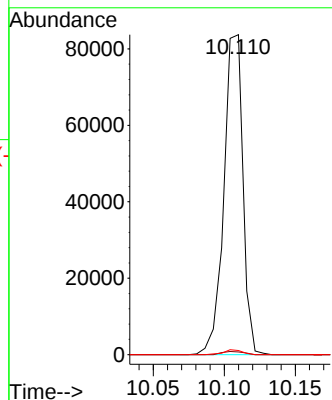
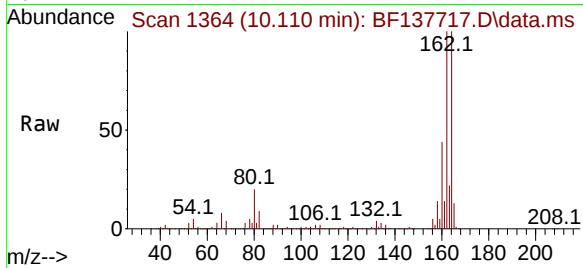




#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.224 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

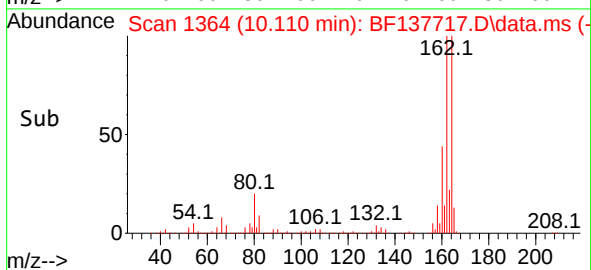
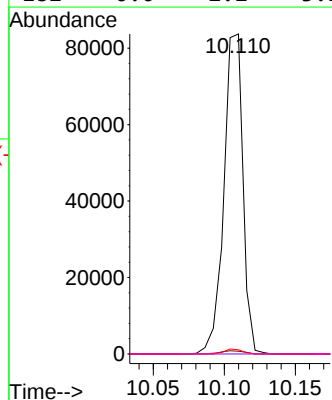
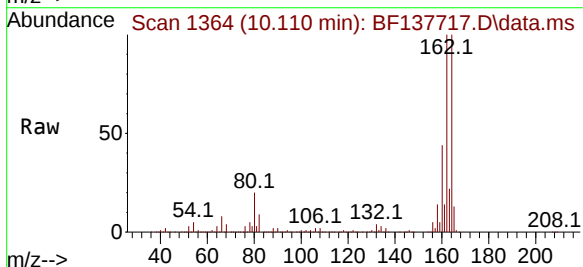
Instrument :
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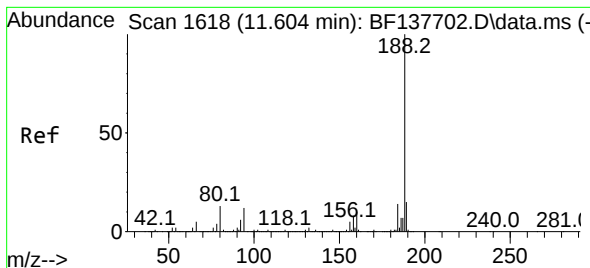
Tgt Ion:165 Resp: 77982
Ion Ratio Lower Upper
165 100
63 0.9 47.7 71.5#
89 1.3 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.072 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.182 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Tgt Ion:165 Resp: 77982
Ion Ratio Lower Upper
165 100
63 0.9 34.1 51.1#
89 1.3 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

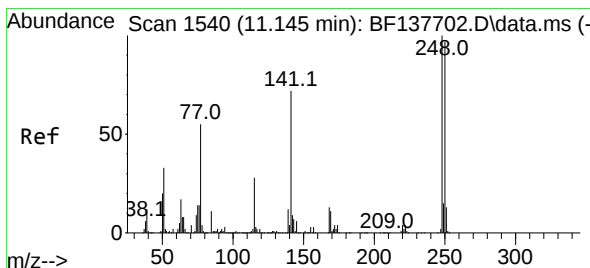
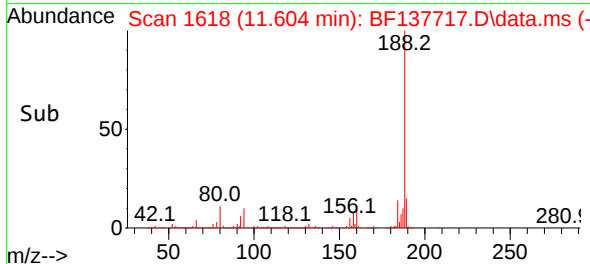
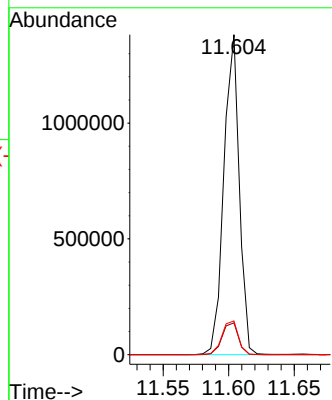
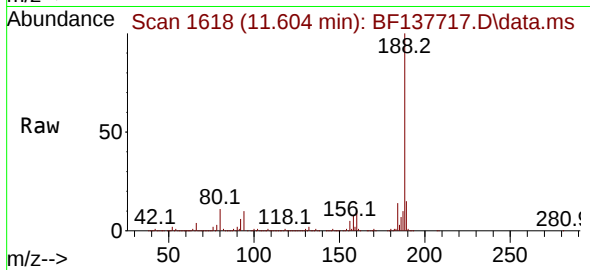
Tgt Ion:188 Resp: 1126314

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

80 10.5 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 2.547 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

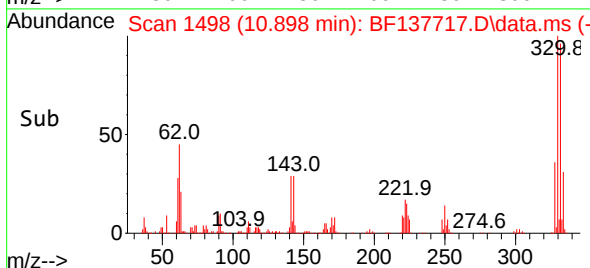
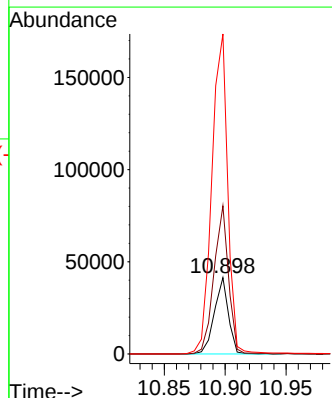
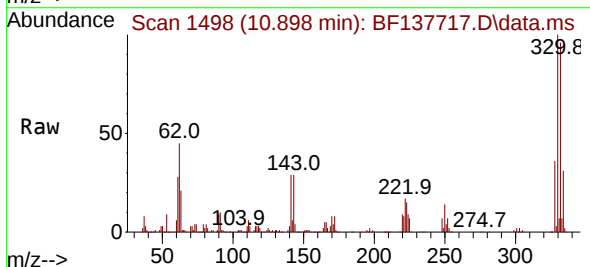
Tgt Ion:248 Resp: 33237

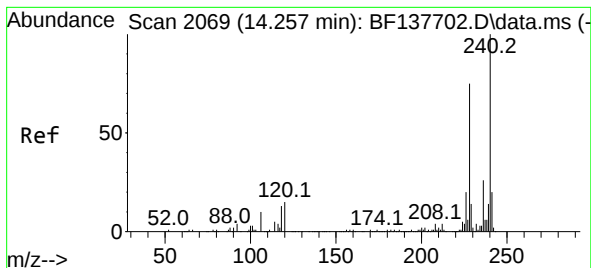
Ion Ratio Lower Upper

248 100

250 194.1 77.4 116.0#

141 418.9 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

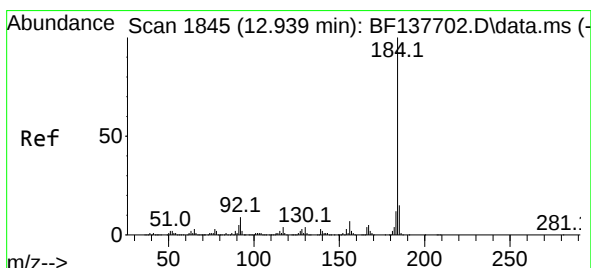
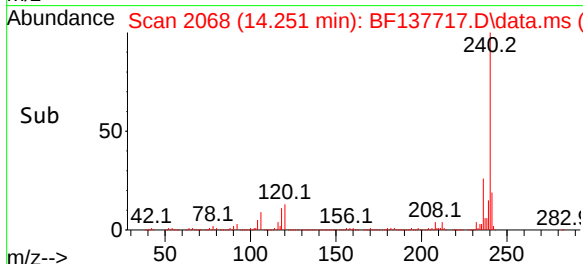
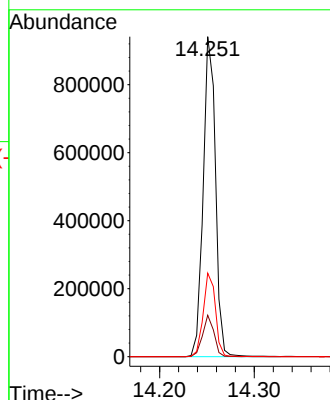
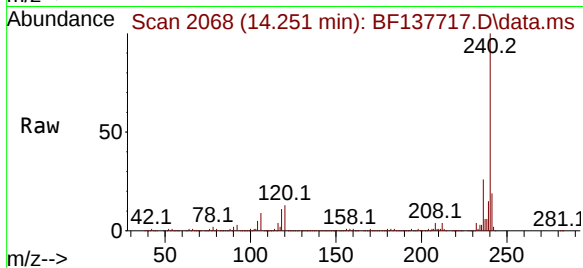
Tgt Ion:240 Resp: 847938

Ion Ratio Lower Upper

240 100

120 12.9 11.9 17.9

236 26.1 20.8 31.2



#77

Benzdine

Concen: 2.718 ng

RT: 13.198 min Scan# 1889

Delta R.T. 0.259 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

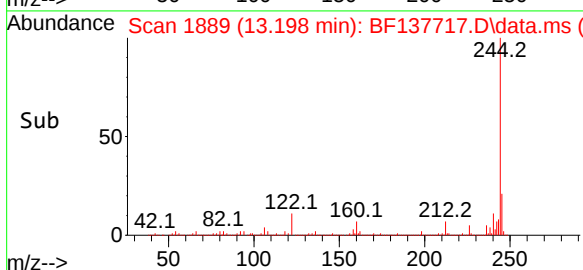
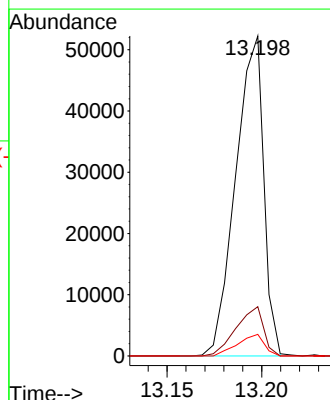
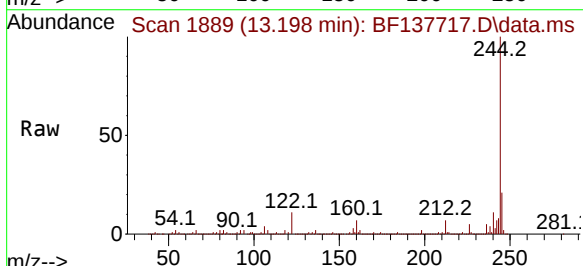
Tgt Ion:184 Resp: 53822

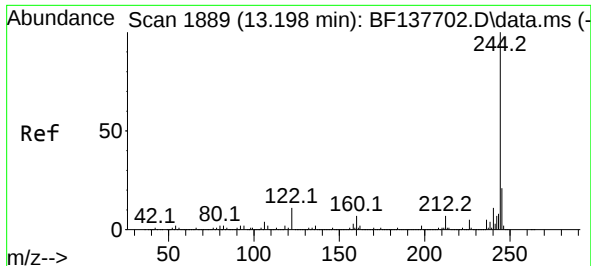
Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

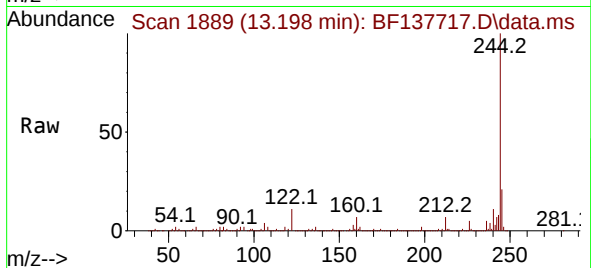
183 6.8 9.4 14.0#



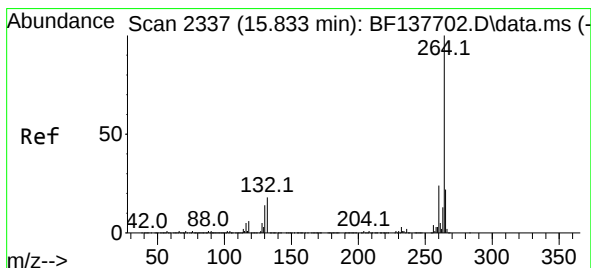
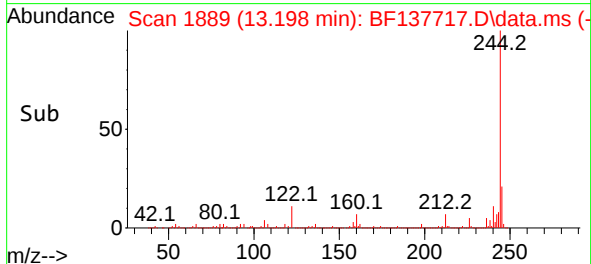
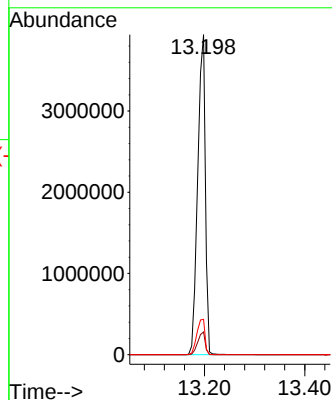


#79
 Terphenyl-d14
 Concen: 78.605 ng
 RT: 13.198 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BL



Tgt Ion:244 Resp: 4141045
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

Tgt Ion:264 Resp: 622451
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.8 17.5 26.3

