

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137819.D
Acq On : 02 May 2024 17:18
Operator : CG\JU
Sample : P2330-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-4(0.5-1.5)

Quant Time: May 02 18:39:41 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	145946	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	568583	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	323590	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	508504	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	437847	20.000	ng	0.00
86) Perylene-d12	15.815	264	296186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	690090	79.167	ng	0.00
7) Phenol-d6	6.663	99	857374	77.545	ng	-0.01
23) Nitrobenzene-d5	7.616	82	511175	52.232	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	253012	76.579	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1121192	56.213	ng	0.00
79) Terphenyl-d14	13.180	244	1412142	54.050	ng	0.00

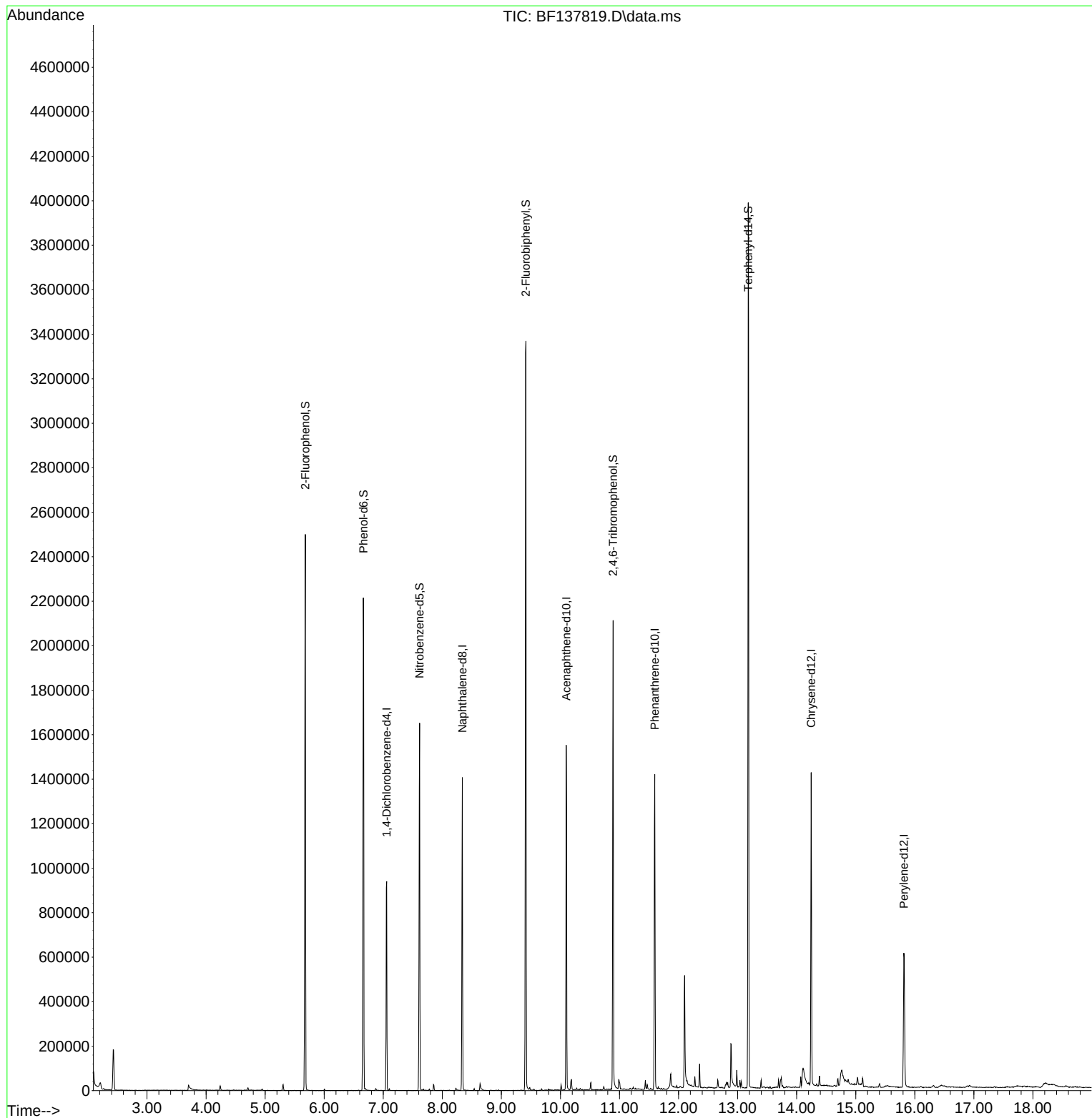
Target Compounds Qvalue

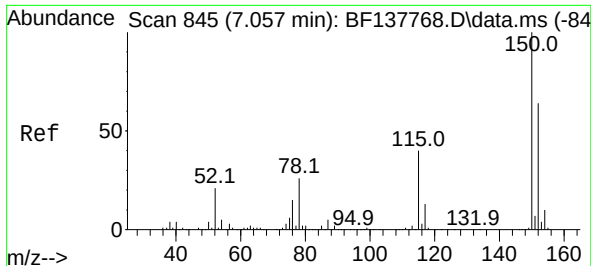
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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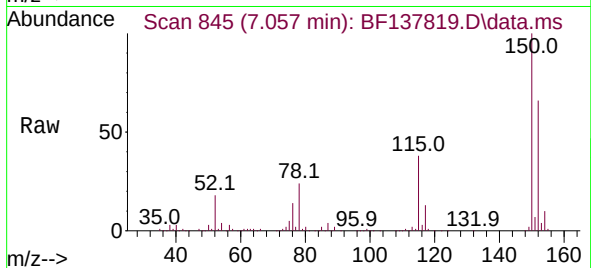
Quant Time: May 02 18:39:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
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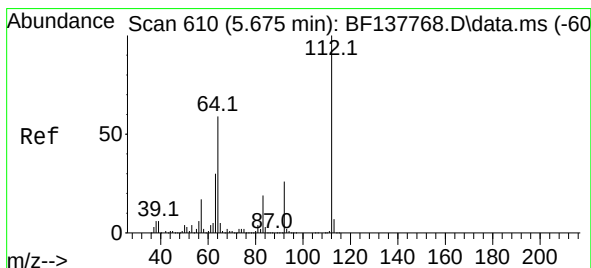
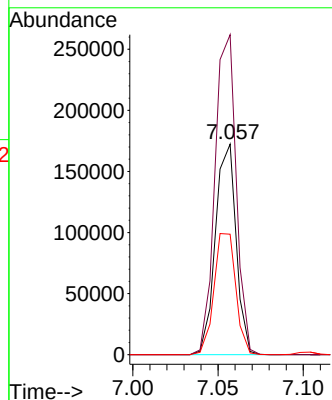
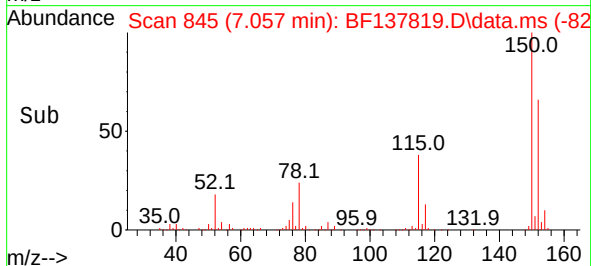


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

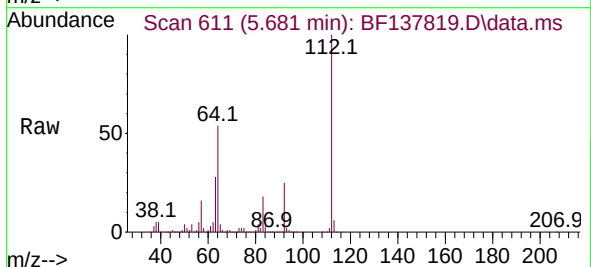
Instrument :
BNA_F
ClientSampleId :
E-4(0.5-1.5)



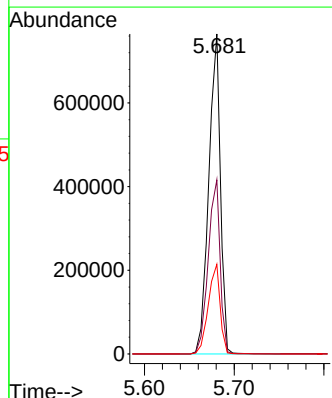
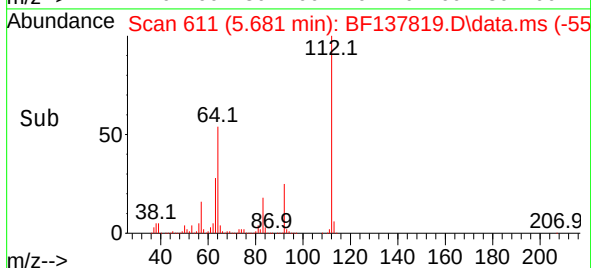
Tgt Ion:152 Resp: 145946
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 57.2 49.1 73.7

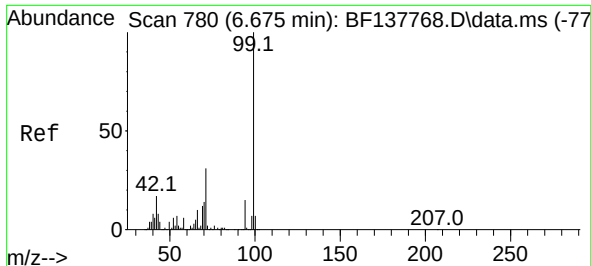


#5
2-Fluorophenol
Concen: 79.167 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18



Tgt Ion:112 Resp: 690090
Ion Ratio Lower Upper
112 100
64 54.4 47.3 70.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 77.545 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

E-4(0.5-1.5)

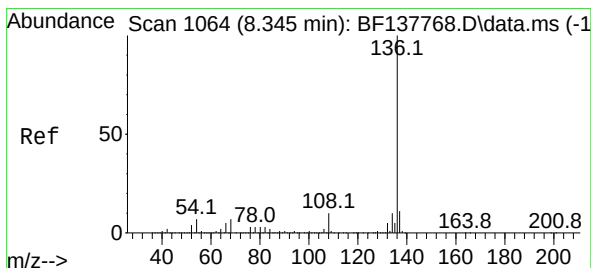
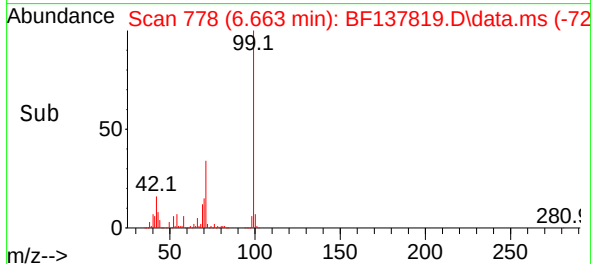
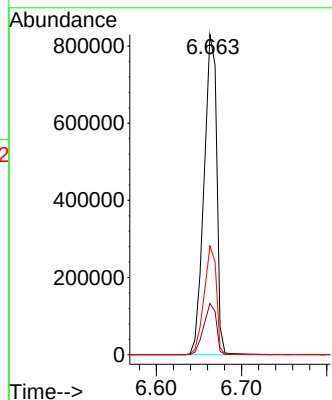
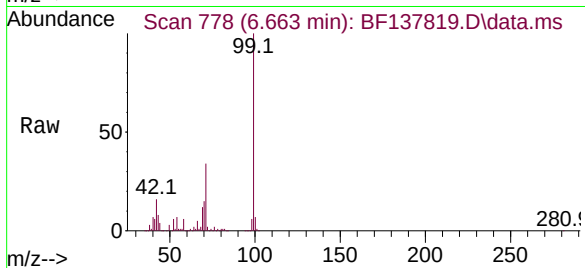
Tgt Ion: 99 Resp: 857374

Ion Ratio Lower Upper

99 100

42 16.0 13.2 19.8

71 34.0 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

Tgt Ion: 136 Resp: 568583

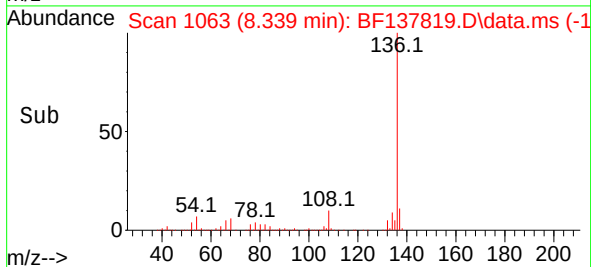
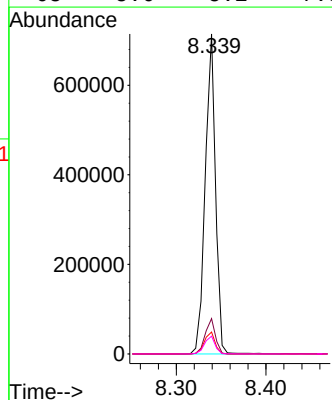
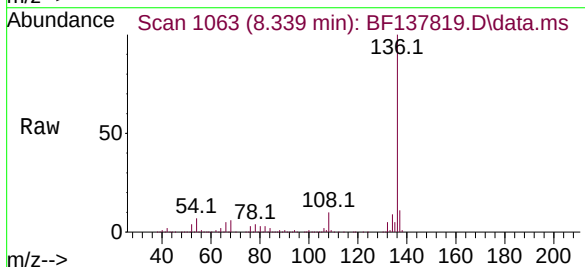
Ion Ratio Lower Upper

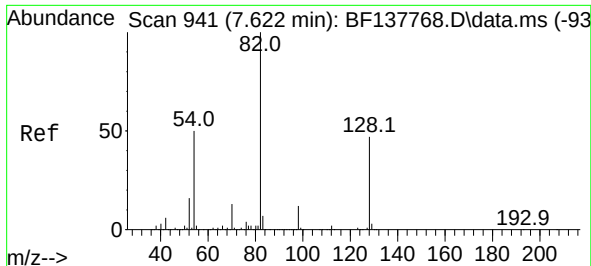
136 100

137 11.1 8.8 13.2

54 6.9 5.8 8.8

68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 52.232 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

E-4(0.5-1.5)

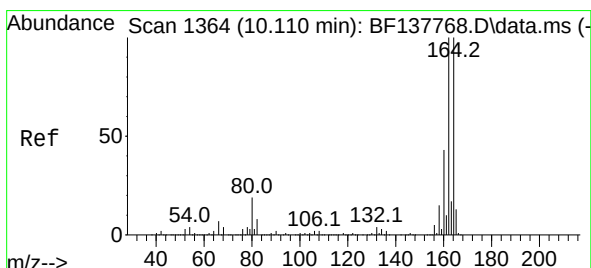
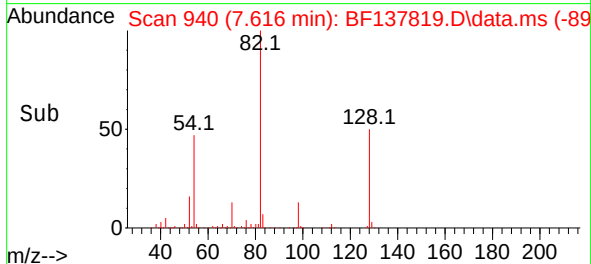
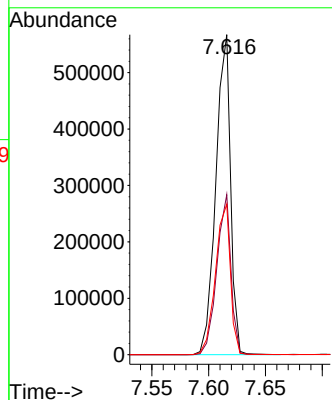
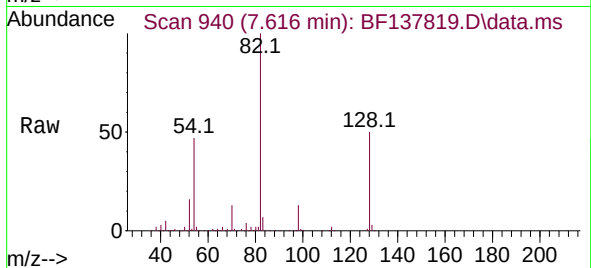
Tgt Ion: 82 Resp: 511175

Ion Ratio Lower Upper

82 100

128 50.0 37.5 56.3

54 47.0 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

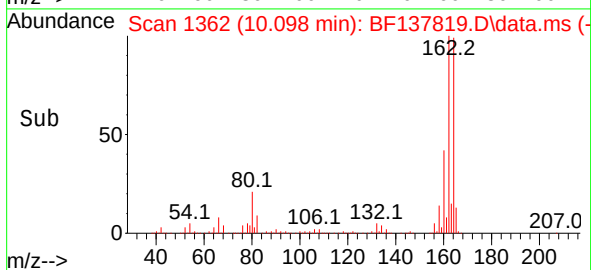
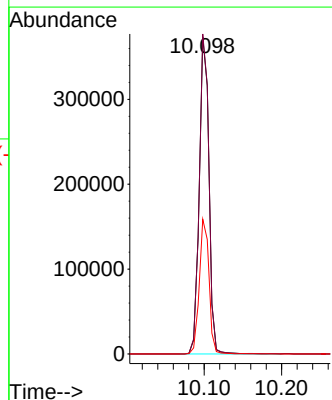
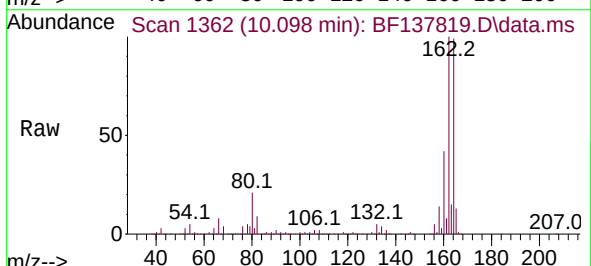
Tgt Ion:164 Resp: 323590

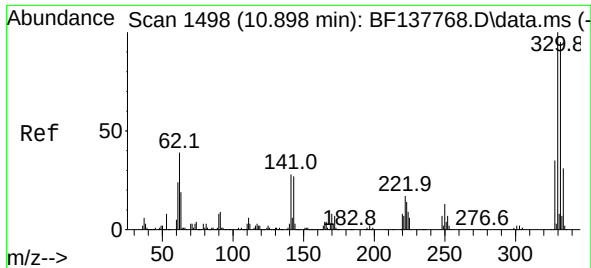
Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.6

160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 76.579 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

E-4(0.5-1.5)

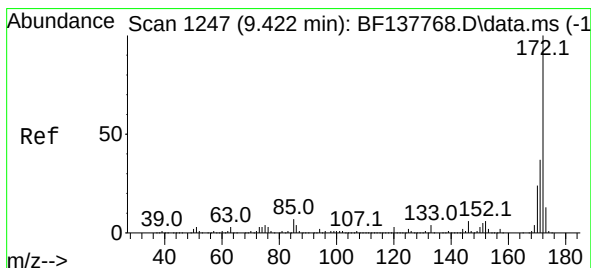
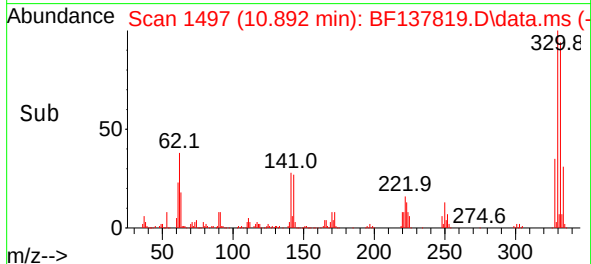
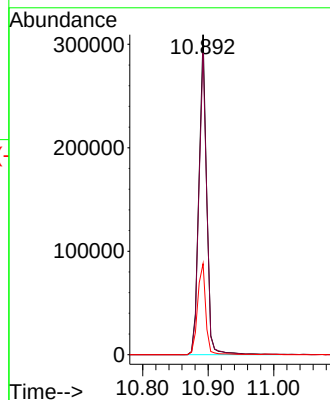
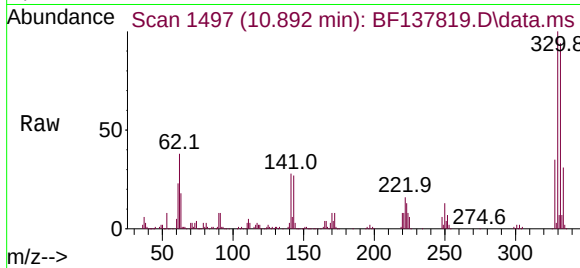
Tgt Ion:330 Resp: 253012

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 30.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 56.213 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

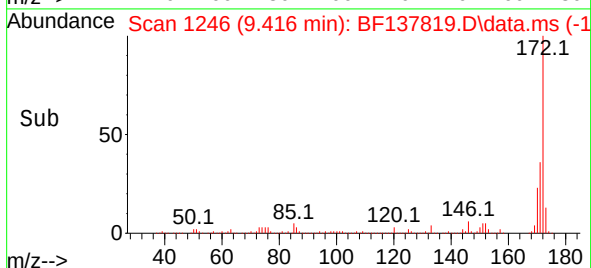
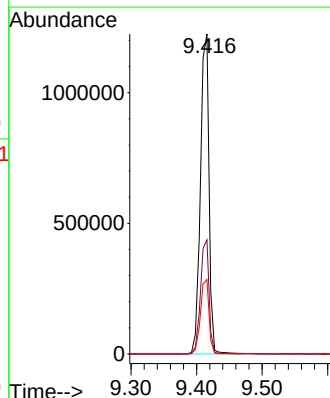
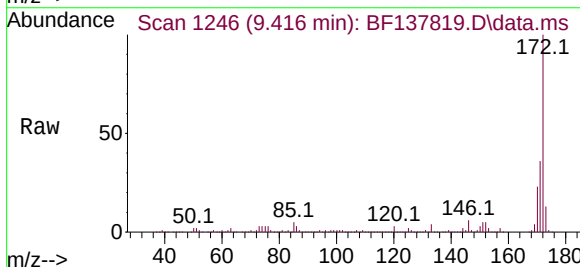
Tgt Ion:172 Resp: 1121192

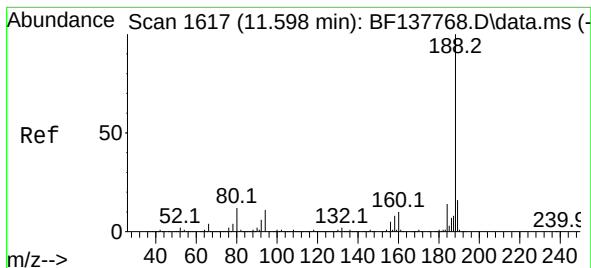
Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

170 23.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :

E-4(0.5-1.5)

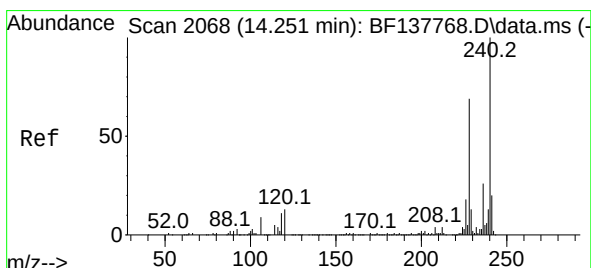
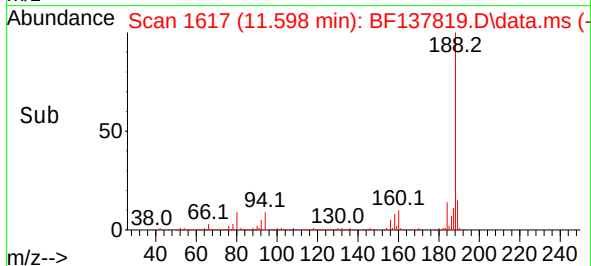
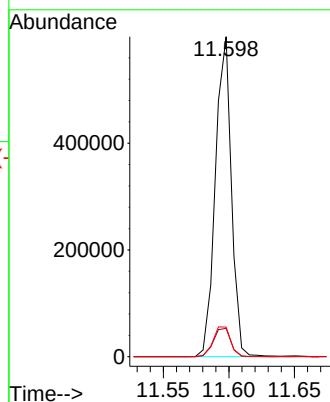
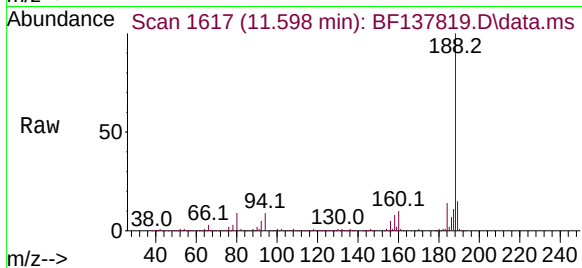
Tgt Ion:188 Resp: 508504

Ion Ratio Lower Upper

188 100

94 8.9 8.8 13.2

80 9.3 9.6 14.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

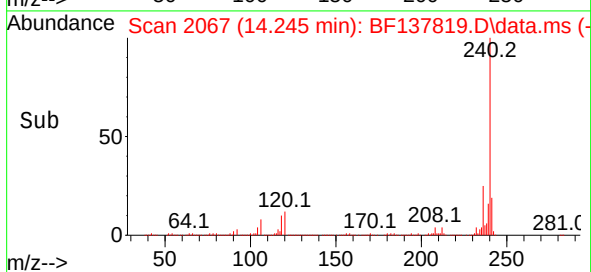
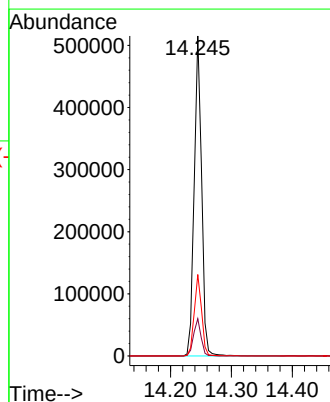
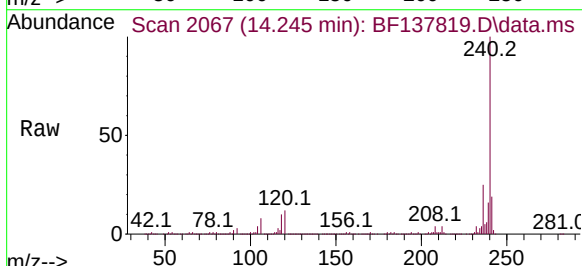
Tgt Ion:240 Resp: 437847

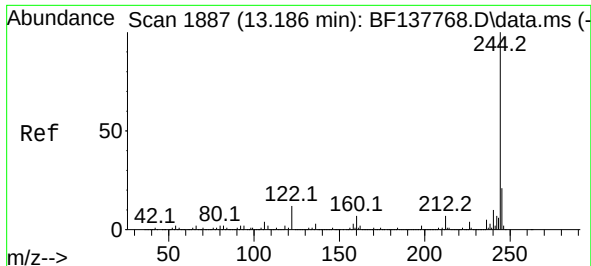
Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 25.4 20.4 30.6

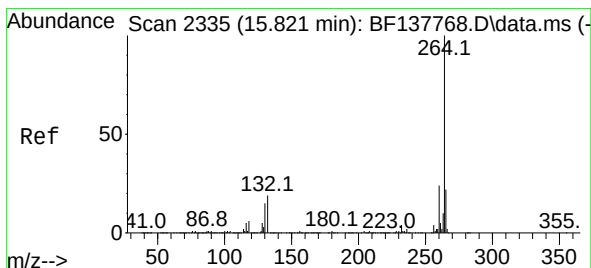
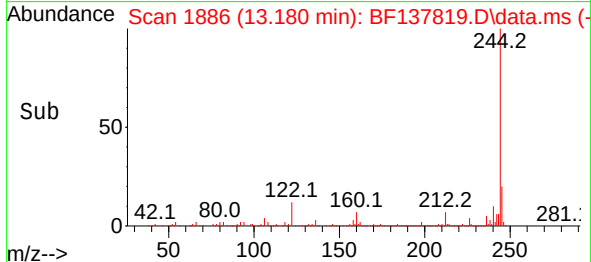
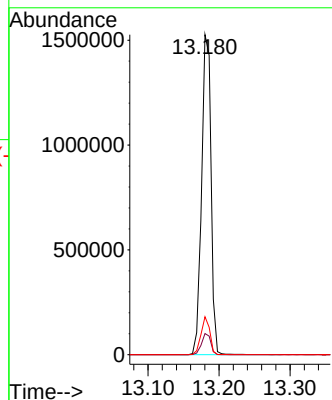
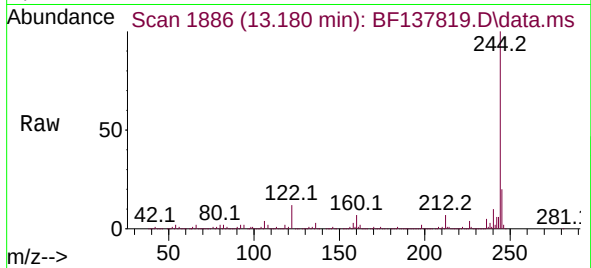




#79
 Terphenyl-d14
 Concen: 54.050 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137819.D
 Acq: 02 May 2024 17:18

Instrument :
 BNA_F
 ClientSampleId :
 E-4(0.5-1.5)

Tgt Ion:244 Resp: 1412142
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.9 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: BF137819.D
 Acq: 02 May 2024 17:18

Tgt Ion:264 Resp: 296186
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 21.6 17.4 26.0

