

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137808.D
Acq On : 02 May 2024 11:09
Operator : CG\JU
Sample : PB160630TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160630TB

Quant Time: May 02 11:46:54 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	172442	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	685125	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	393865	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	709725	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	488492	20.000	ng	0.00
86) Perylene-d12	15.815	264	387093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1291953	125.439	ng	0.02
7) Phenol-d6	6.669	99	1591973	121.861	ng	0.00
23) Nitrobenzene-d5	7.616	82	982996	83.357	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	523714	130.230	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2043796	84.186	ng	0.00
79) Terphenyl-d14	13.186	244	2501646	85.824	ng	0.00

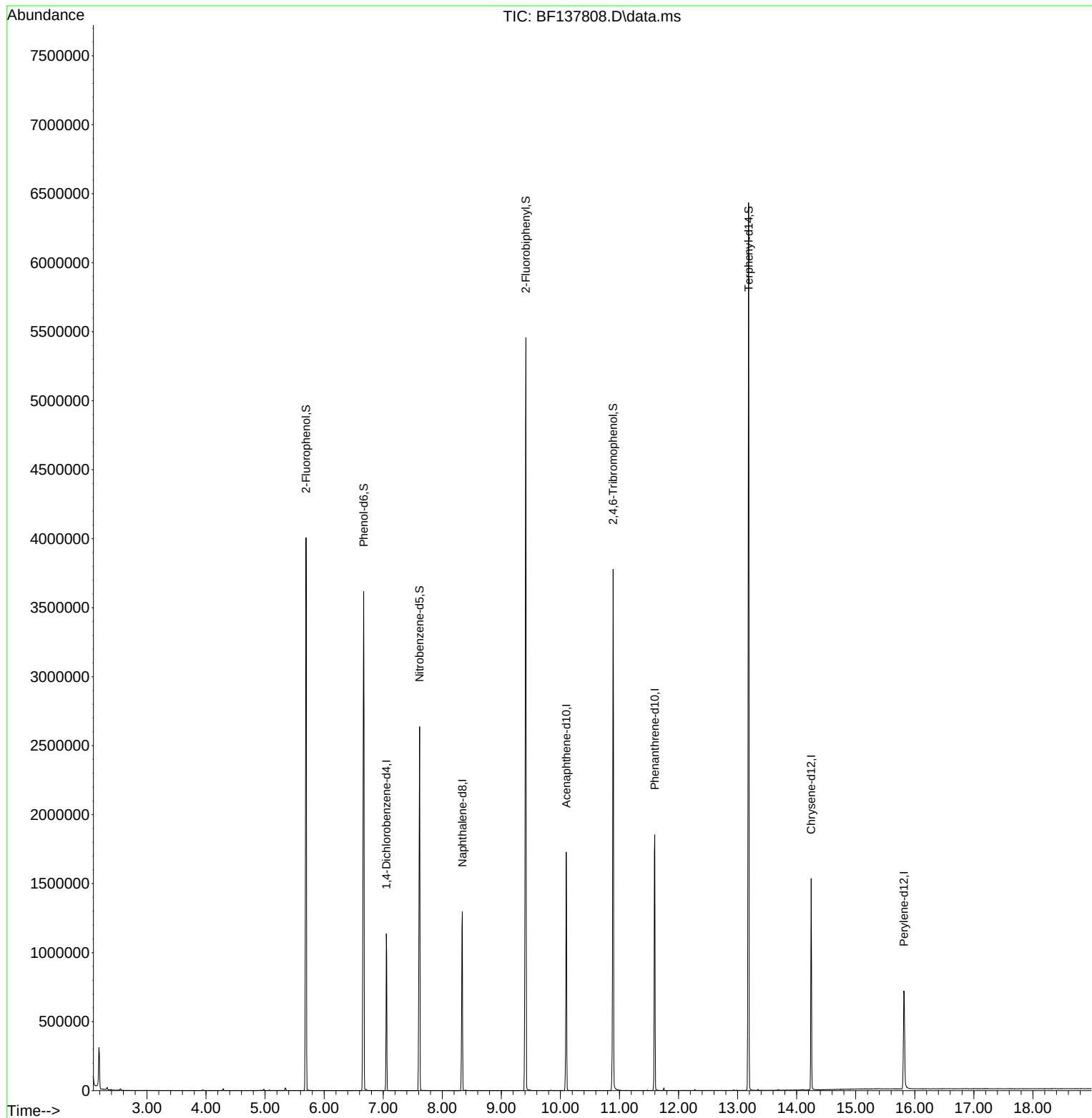
Target Compounds	Qvalue

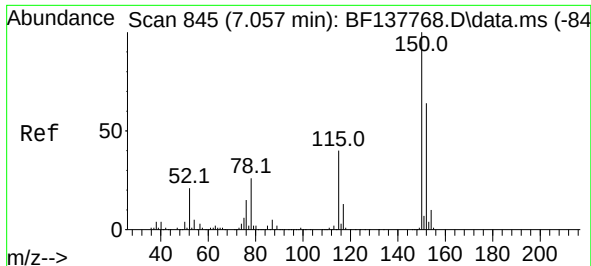
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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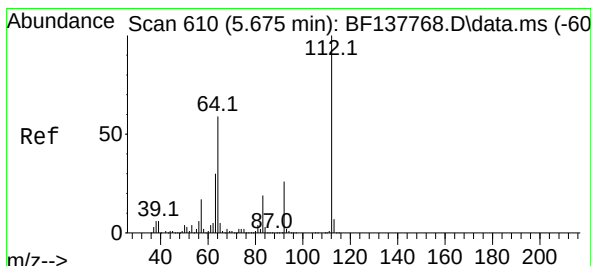
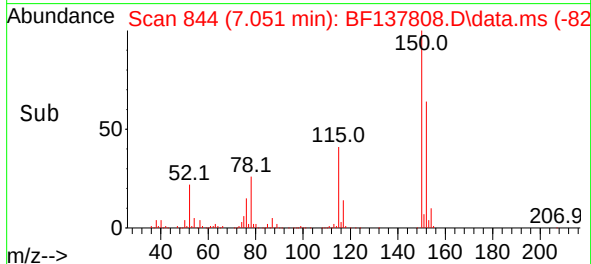
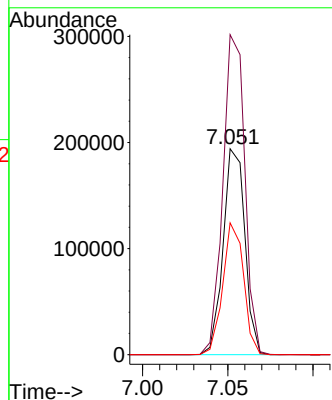
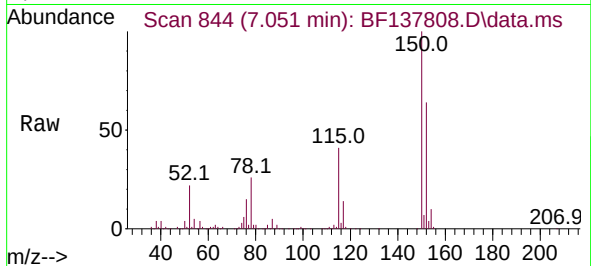




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

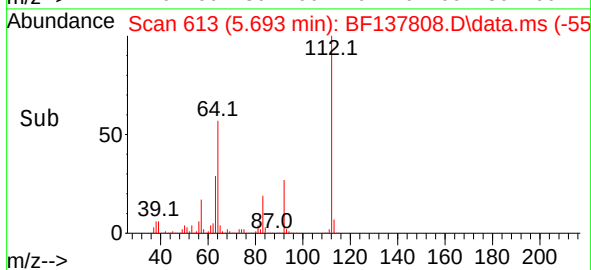
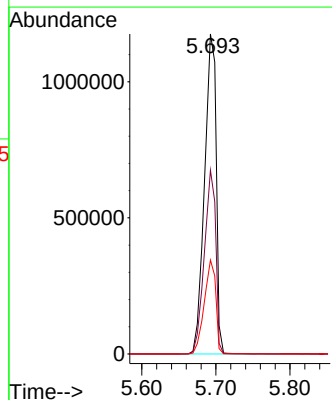
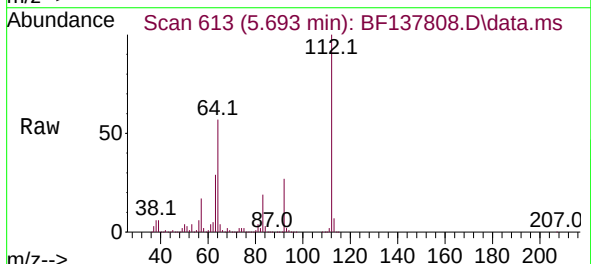
Instrument :
BNA_F
ClientSampleId :
PB160630TB

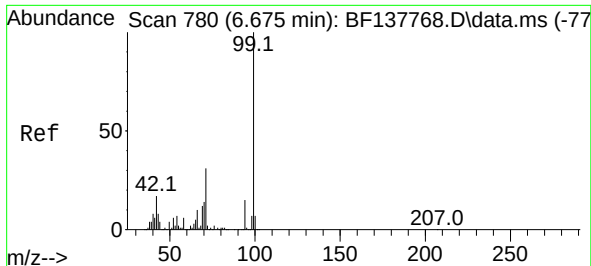
Tgt Ion:152 Resp: 172442
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 64.1 49.1 73.7



#5
2-Fluorophenol
Concen: 125.439 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion:112 Resp: 1291953
Ion Ratio Lower Upper
112 100
64 57.4 47.3 70.9
63 29.3 23.7 35.5

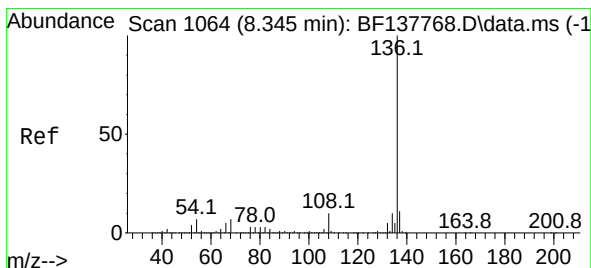
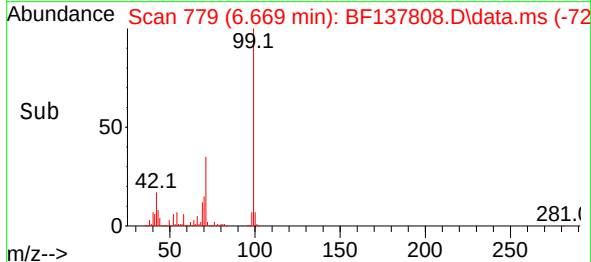
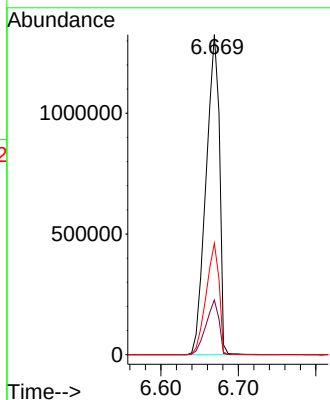
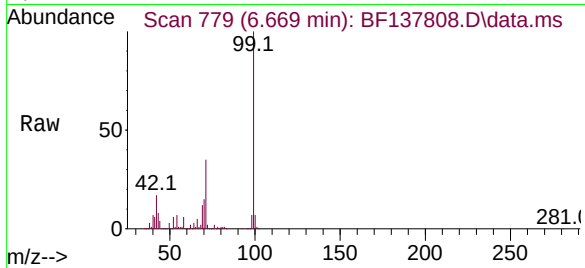




#7
Phenol-d6
Concen: 121.861 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

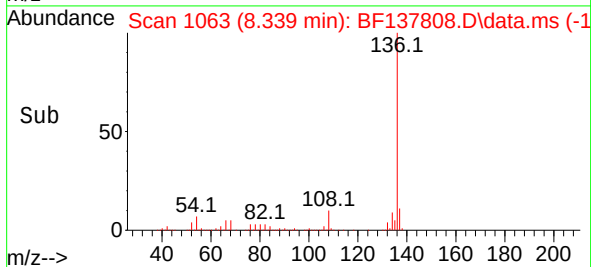
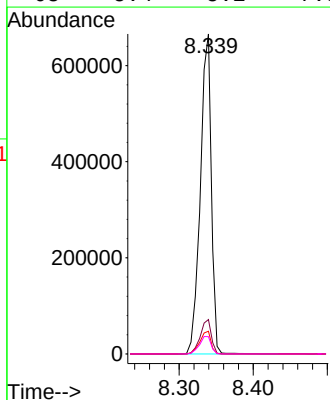
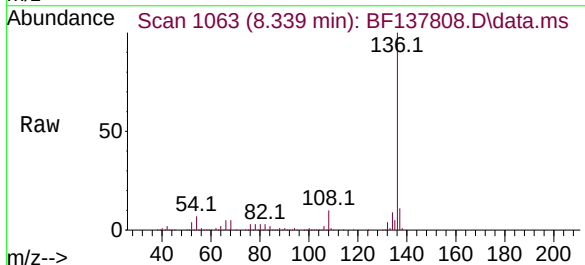
Instrument :
BNA_F
ClientSampleId :
PB160630TB

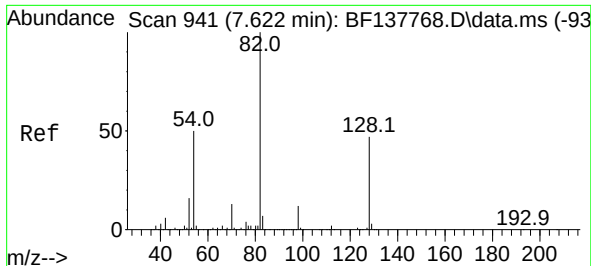
Tgt Ion: 99 Resp: 1591973
Ion Ratio Lower Upper
99 100
42 17.1 13.2 19.8
71 34.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137808.D
Acq: 02 May 2024 11:09

Tgt Ion: 136 Resp: 685125
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.1 5.8 8.8
68 5.4 5.2 7.8





#23

Nitrobenzene-d5

Concen: 83.357 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137808.D

Acq: 02 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB160630TB

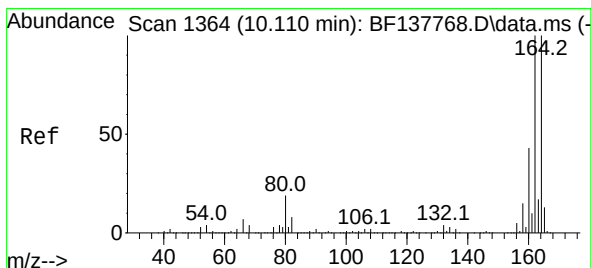
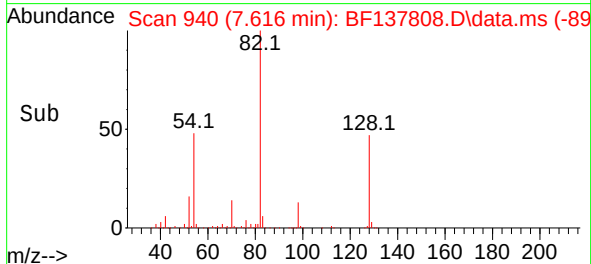
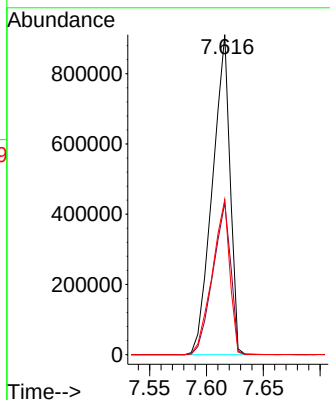
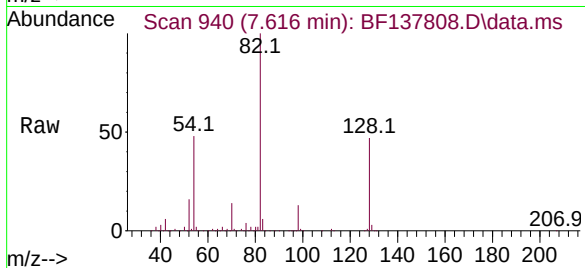
Tgt Ion: 82 Resp: 982996

Ion Ratio Lower Upper

82 100

128 47.4 37.5 56.3

54 48.5 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: BF137808.D

Acq: 02 May 2024 11:09

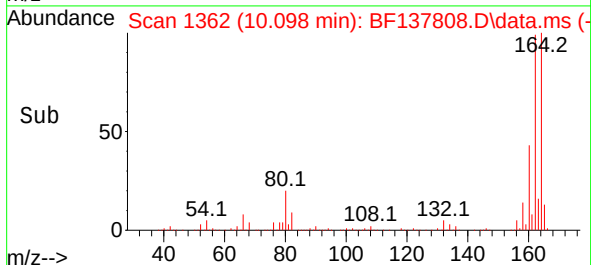
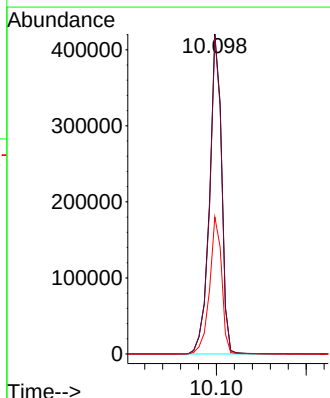
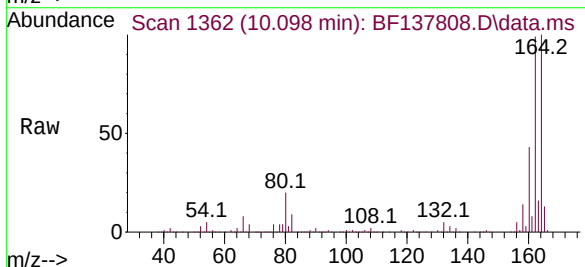
Tgt Ion:164 Resp: 393865

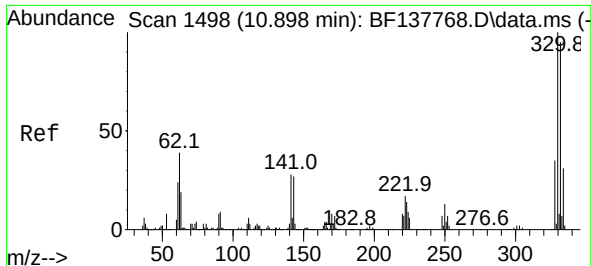
Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.6

160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.230 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137808.D

Acq: 02 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB160630TB

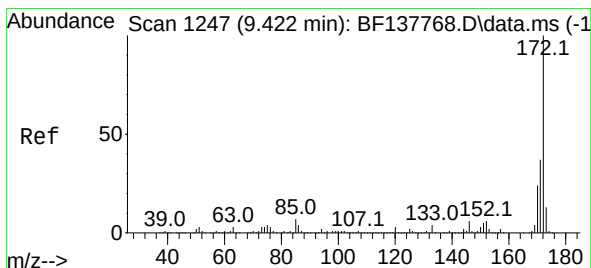
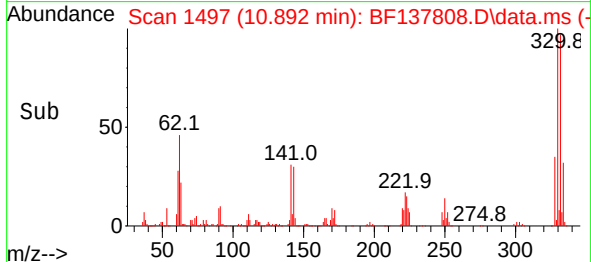
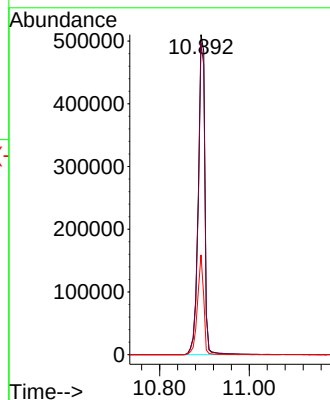
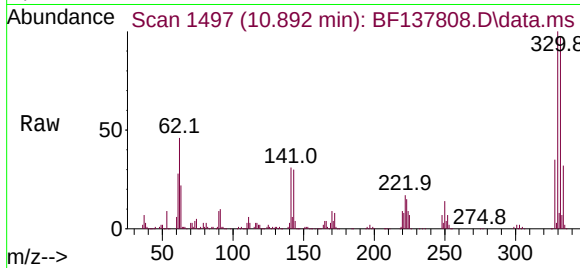
Tgt Ion:330 Resp: 523714

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 84.186 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137808.D

Acq: 02 May 2024 11:09

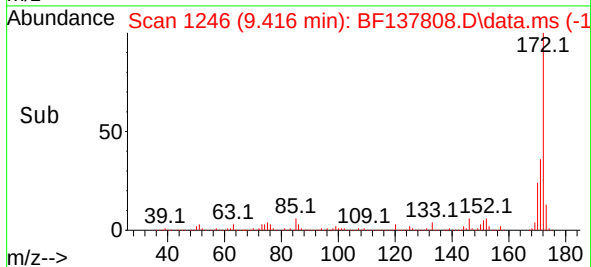
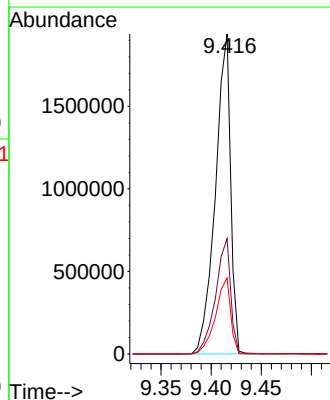
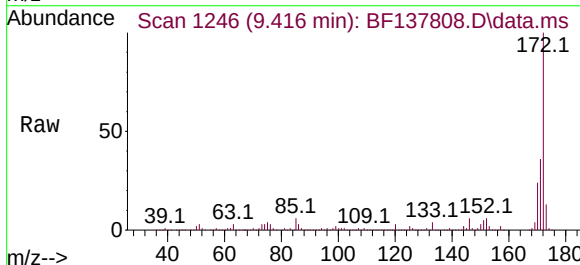
Tgt Ion:172 Resp: 2043796

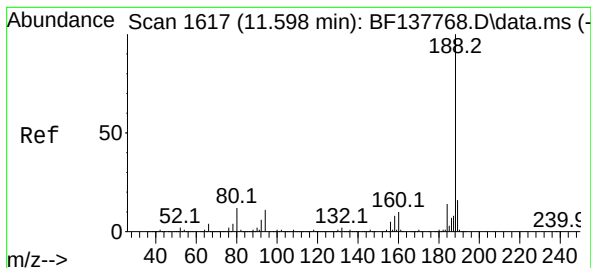
Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

170 23.8 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: BF137808.D

Acq: 02 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB160630TB

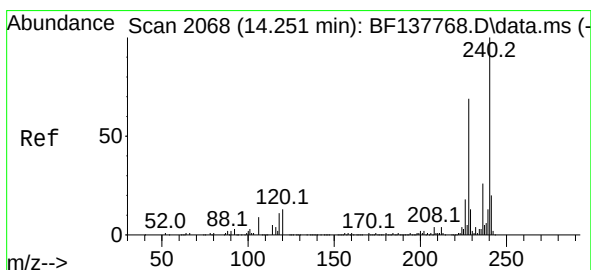
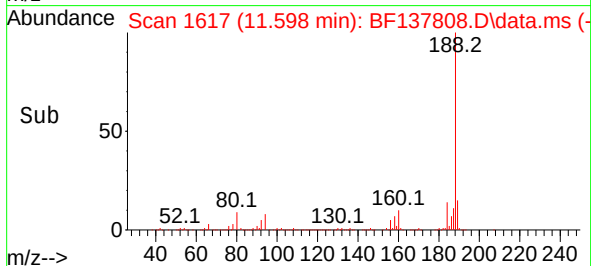
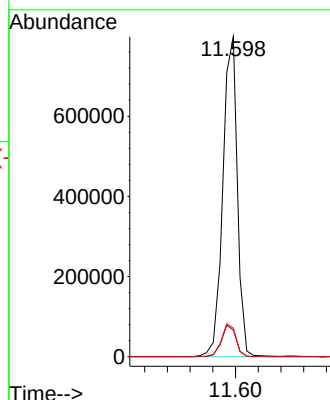
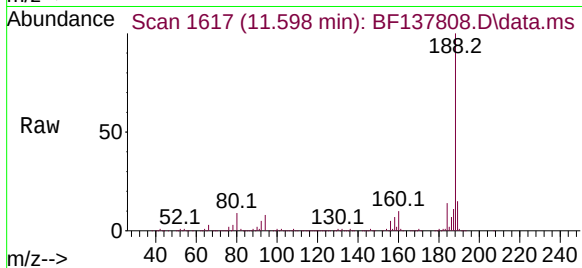
Tgt Ion:188 Resp: 709725

Ion Ratio Lower Upper

188 100

94 8.4 8.8 13.2#

80 8.9 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: BF137808.D

Acq: 02 May 2024 11:09

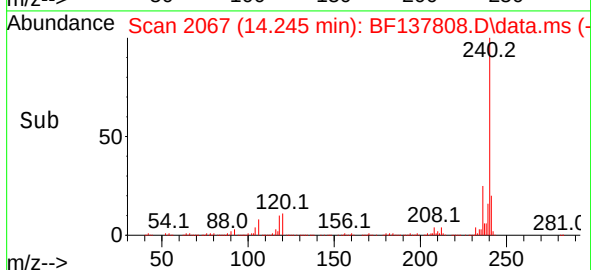
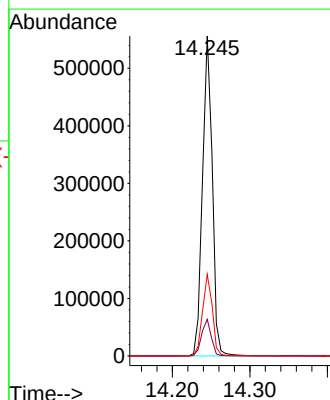
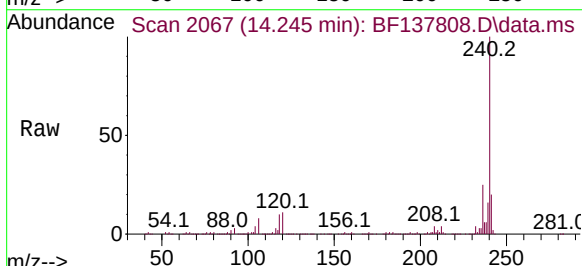
Tgt Ion:240 Resp: 488492

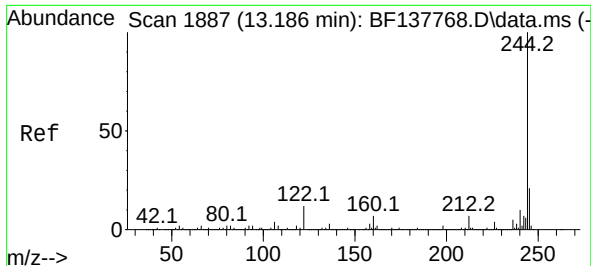
Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

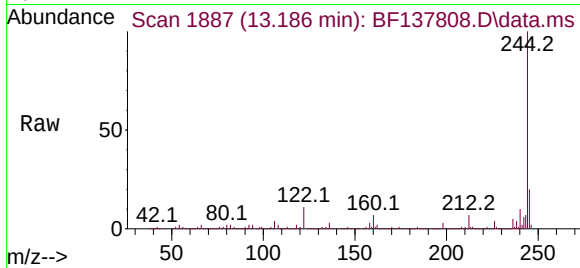
236 25.5 20.4 30.6



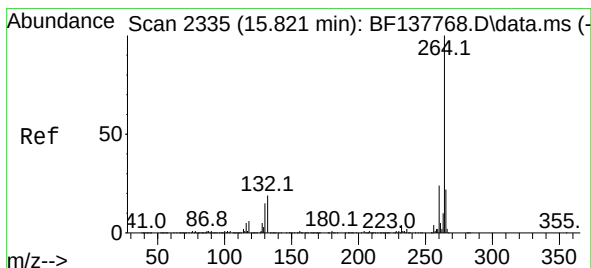
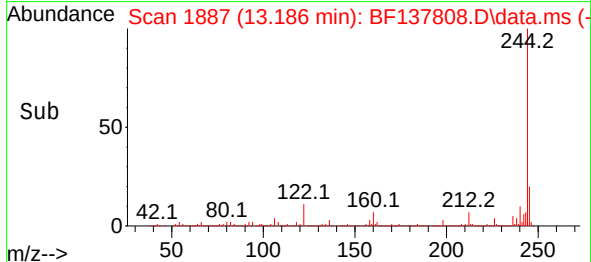
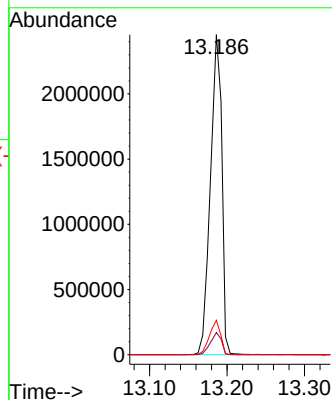


#79
 Terphenyl-d14
 Concen: 85.824 ng
 RT: 13.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF137808.D
 Acq: 02 May 2024 11:09

Instrument :
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Tgt Ion:244 Resp: 2501646
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.8 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: BF137808.D
 Acq: 02 May 2024 11:09

Tgt Ion:264 Resp: 387093
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 17.4 26.0

