

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137786.D
 Acq On : 01 May 2024 11:42
 Operator : CG\JU
 Sample : PB160621BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160621BL

Quant Time: May 01 12:53:11 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	238464	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	942920	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	549424	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	978195	20.000	ng	0.00
76) Chrysene-d12	14.251	240	712478	20.000	ng	0.00
86) Perylene-d12	15.821	264	607315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1885526	132.385	ng	0.02
7) Phenol-d6	6.675	99	2307506	127.730	ng	0.00
23) Nitrobenzene-d5	7.616	82	1467556	90.424	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	790494	140.914	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2984614	88.131	ng	0.00
79) Terphenyl-d14	13.192	244	3636037	85.525	ng	0.00

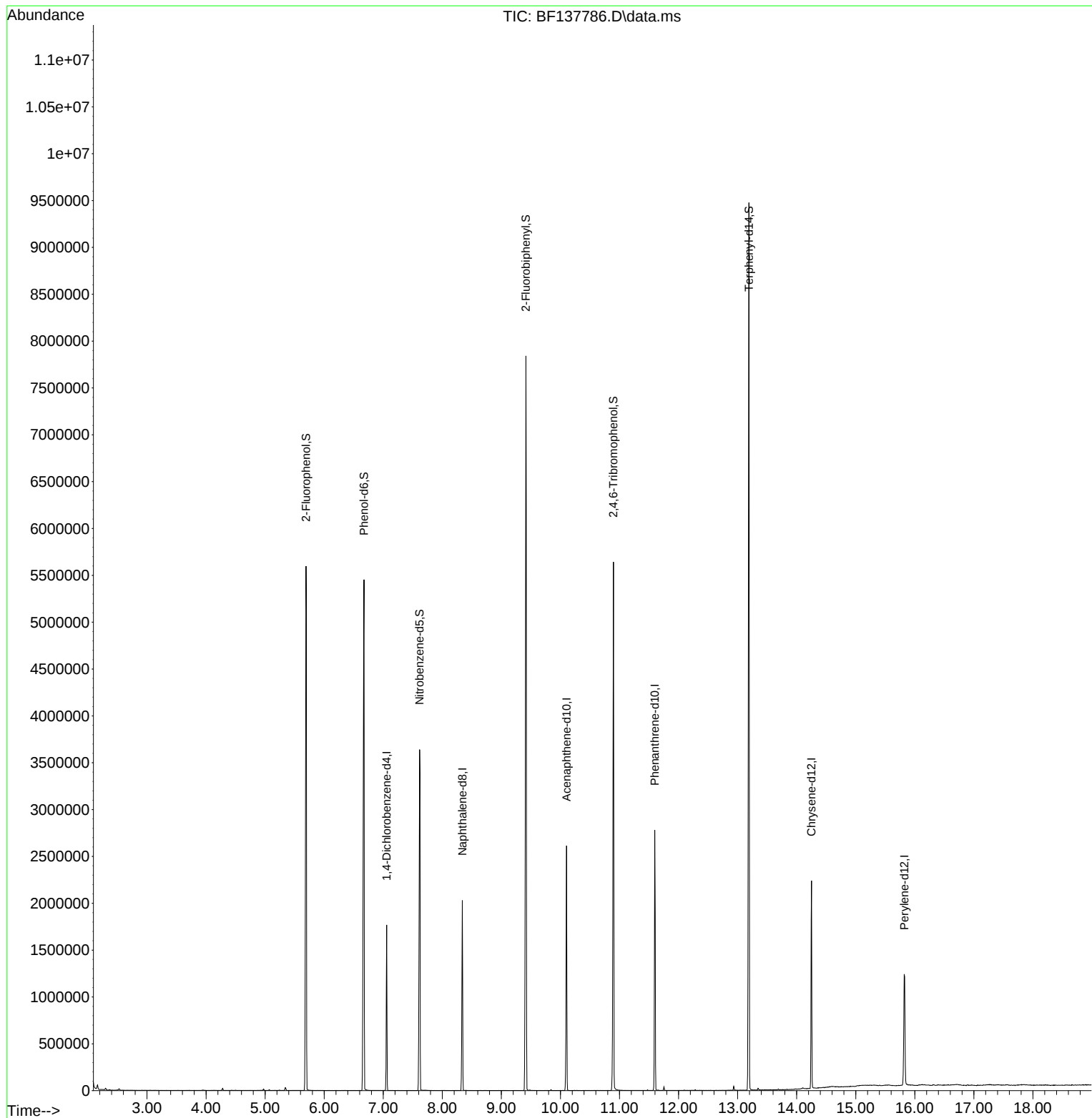
Target Compounds Qvalue

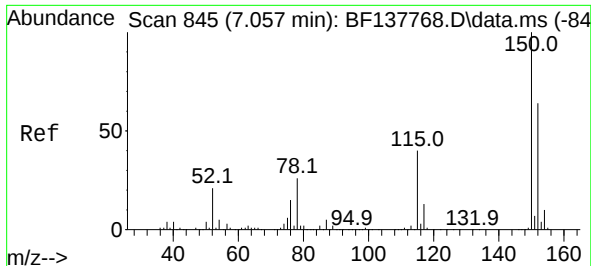
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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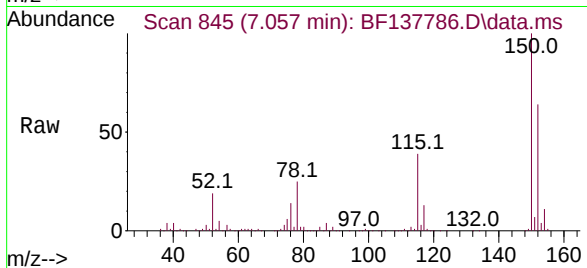
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



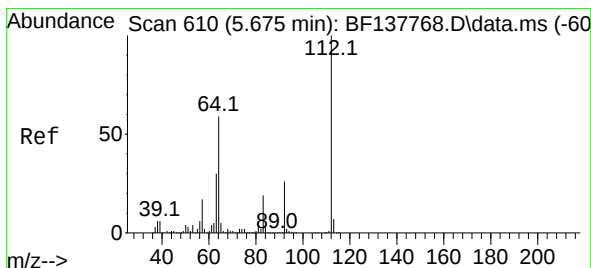
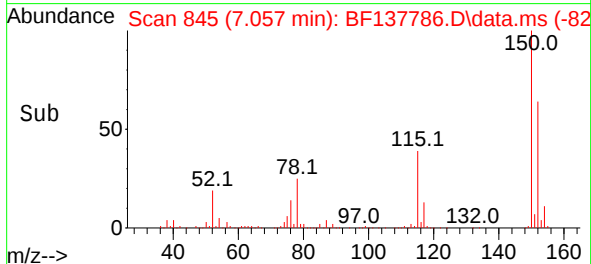
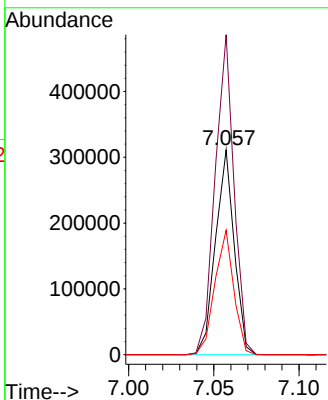


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Instrument :
BNA_F
ClientSampleId :
PB160621BL

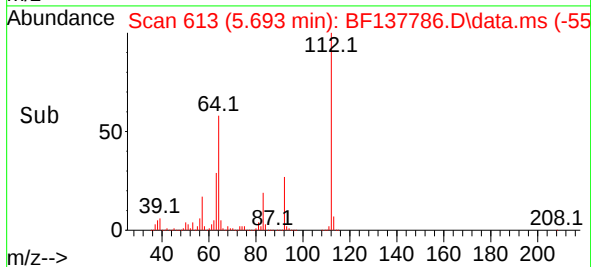
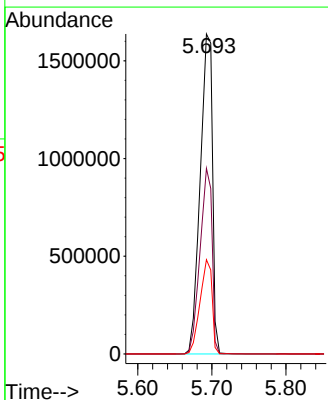
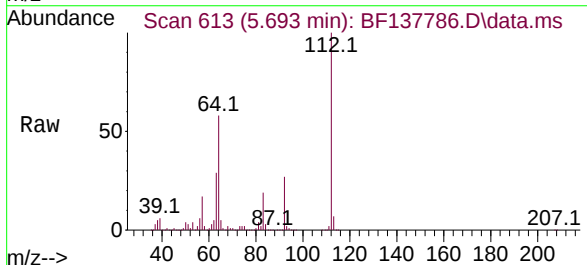


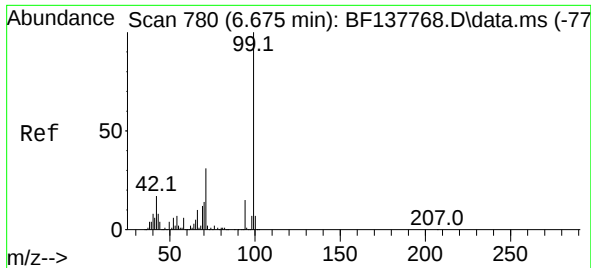
Tgt Ion:152 Resp: 238464
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 60.8 49.1 73.7



#5
2-Fluorophenol
Concen: 132.385 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion:112 Resp: 1885526
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 29.5 23.7 35.5

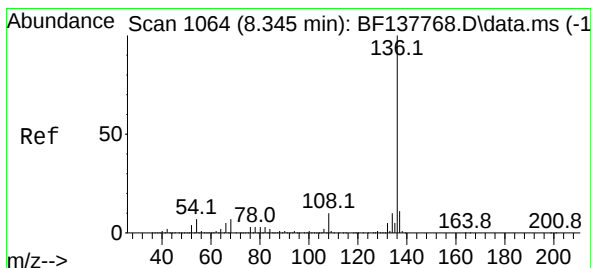
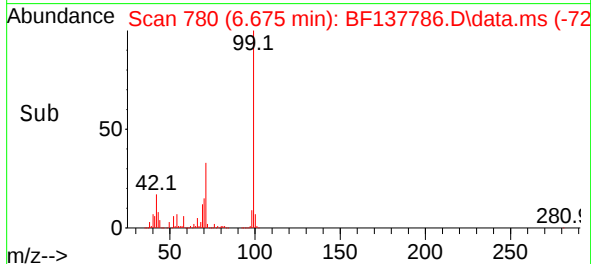
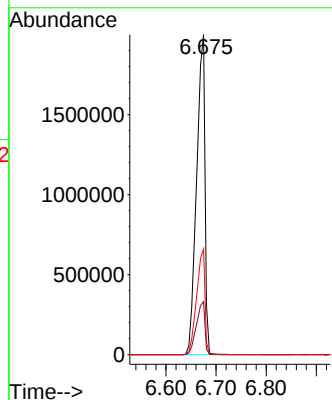
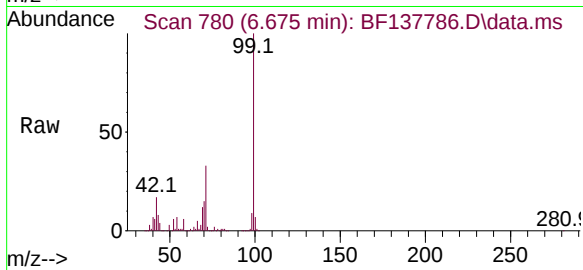




#7
Phenol-d6
Concen: 127.730 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

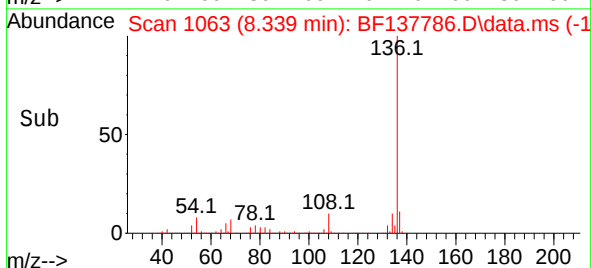
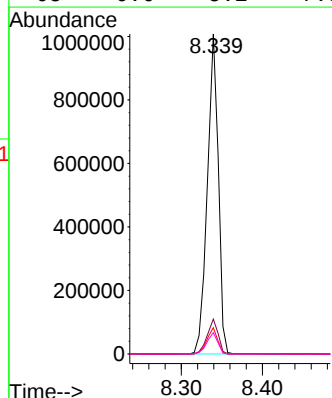
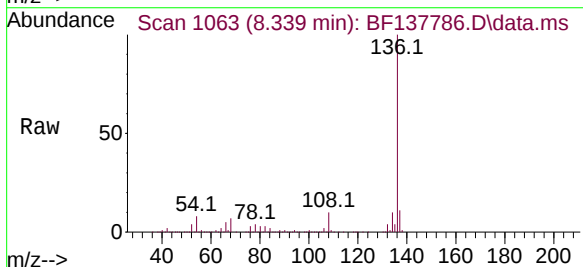
Instrument :
BNA_F
ClientSampleId :
PB160621BL

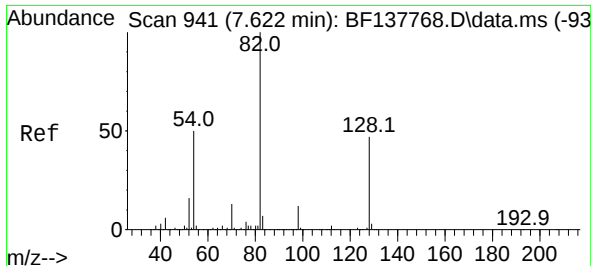
Tgt Ion: 99 Resp: 2307506
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 33.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion: 136 Resp: 942920
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 5.8 8.8
68 6.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 90.424 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137786.D

Acq: 01 May 2024 11:42

Instrument :

BNA_F

ClientSampleId :

PB160621BL

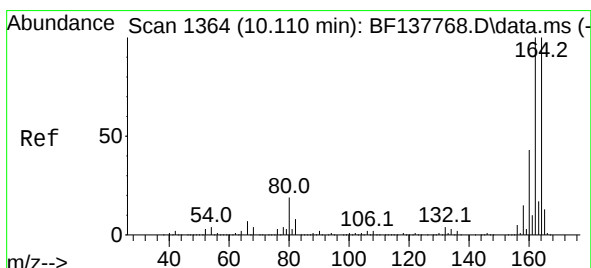
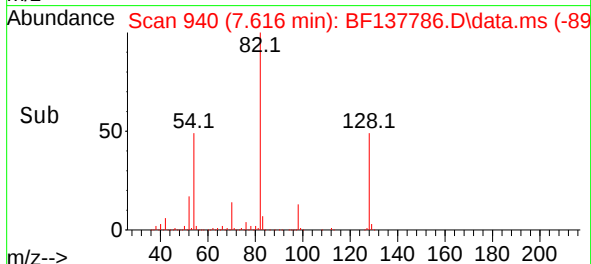
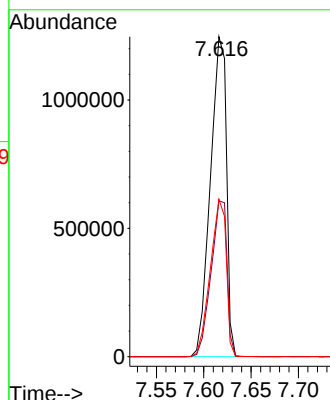
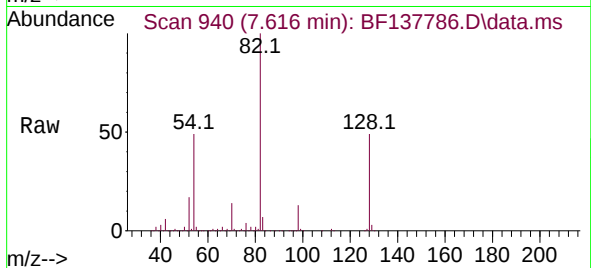
Tgt Ion: 82 Resp: 1467556

Ion Ratio Lower Upper

82 100

128 48.7 37.5 56.3

54 49.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF137786.D

Acq: 01 May 2024 11:42

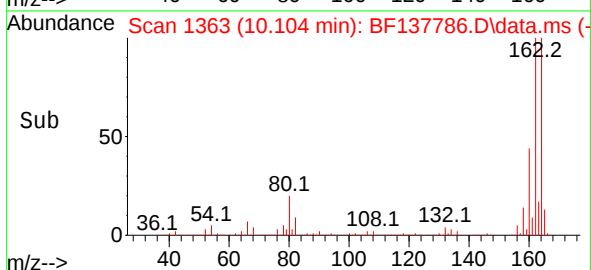
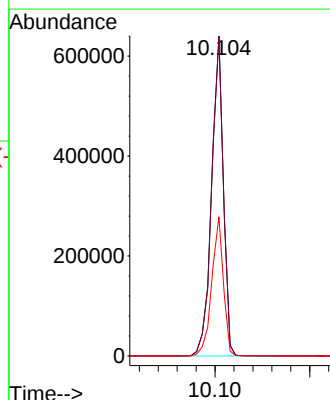
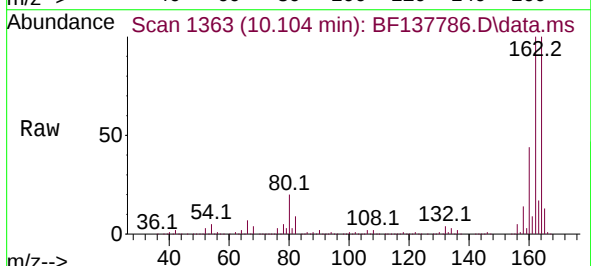
Tgt Ion:164 Resp: 549424

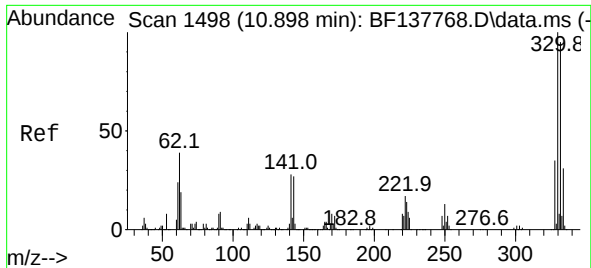
Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.6

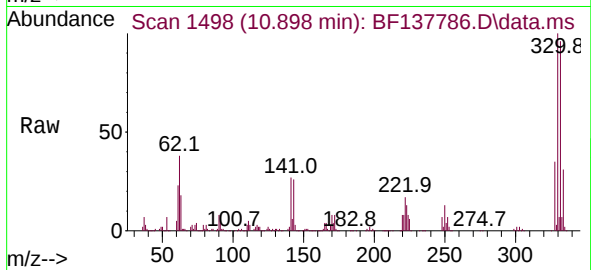
160 43.6 34.4 51.6



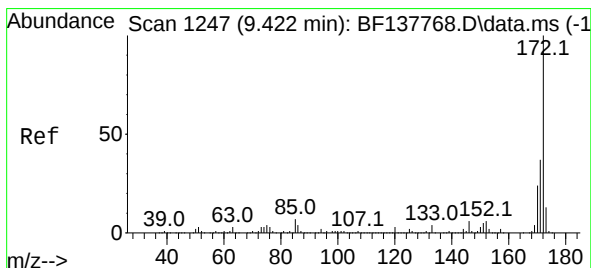
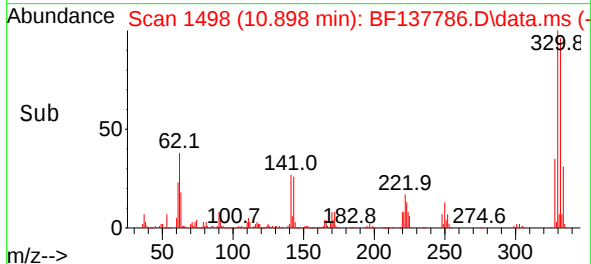
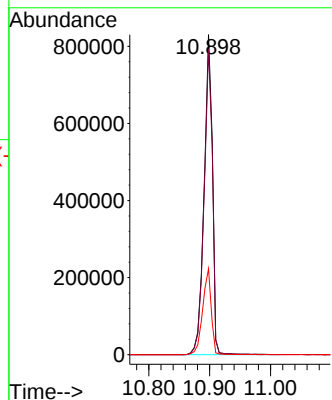


#42
2,4,6-Tribromophenol
Concen: 140.914 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Instrument :
BNA_F
ClientSampleId :
PB160621BL

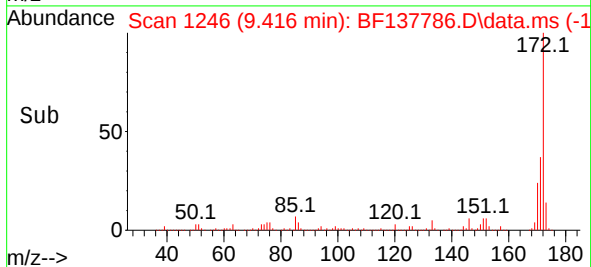
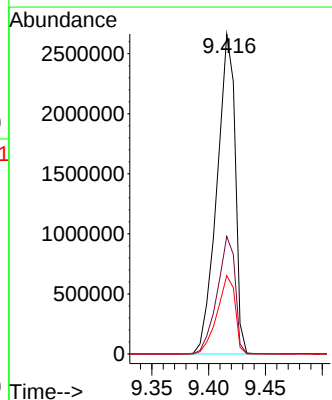
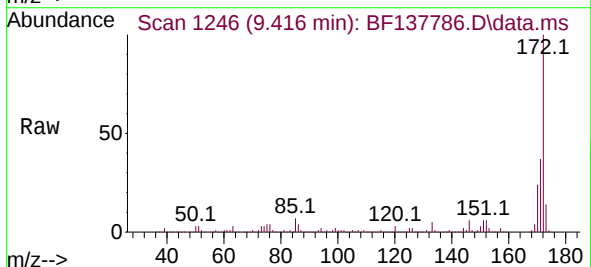


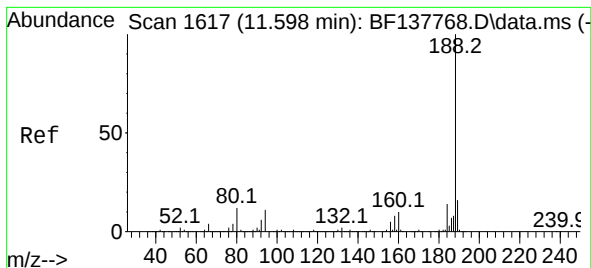
Tgt Ion:330 Resp: 790494
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 27.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 88.131 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137786.D
Acq: 01 May 2024 11:42

Tgt Ion:172 Resp: 2984614
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.5 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: BF137786.D

Acq: 01 May 2024 11:42

Instrument :

BNA_F

ClientSampleId :

PB160621BL

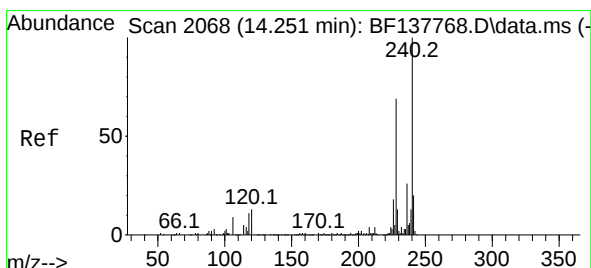
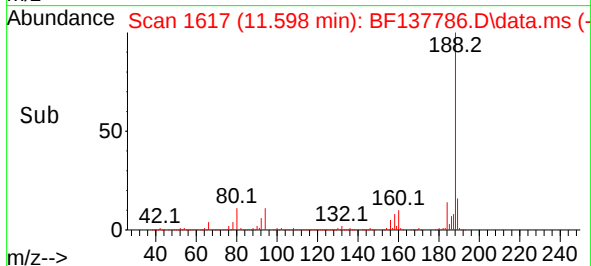
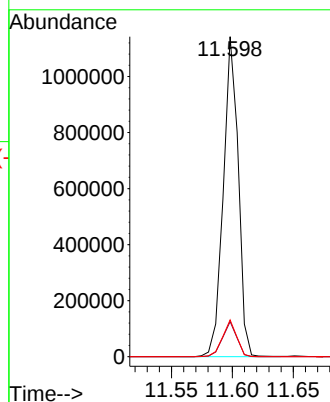
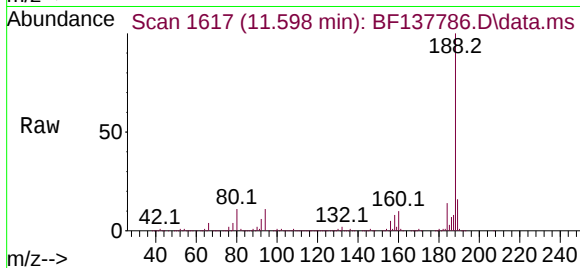
Tgt Ion:188 Resp: 978195

Ion Ratio Lower Upper

188 100

94 11.0 8.8 13.2

80 11.5 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137786.D

Acq: 01 May 2024 11:42

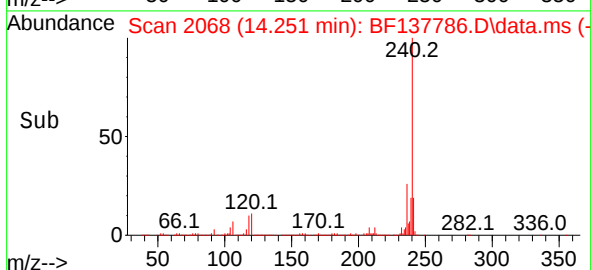
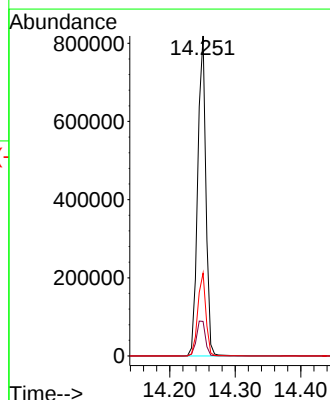
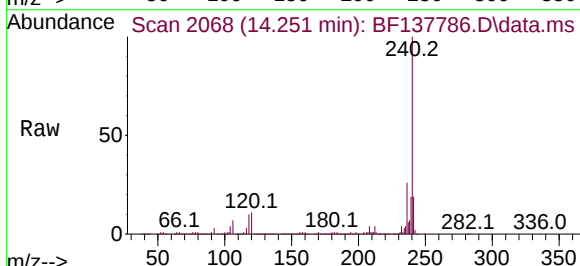
Tgt Ion:240 Resp: 712478

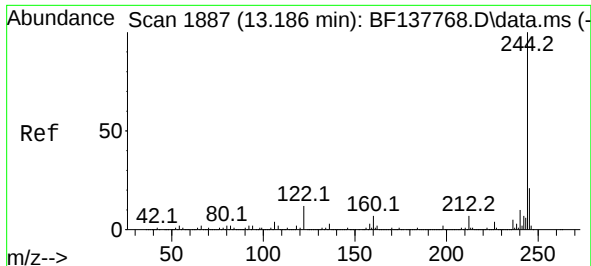
Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

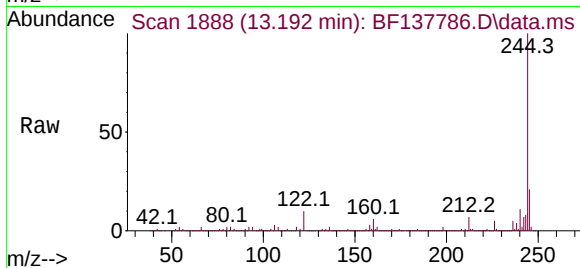
236 25.9 20.4 30.6



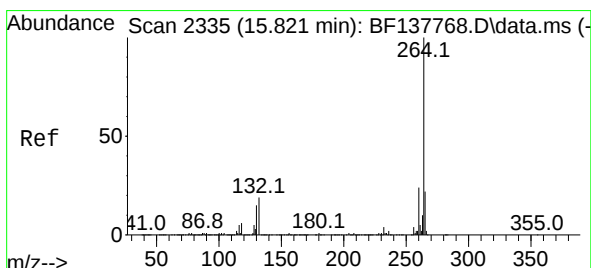
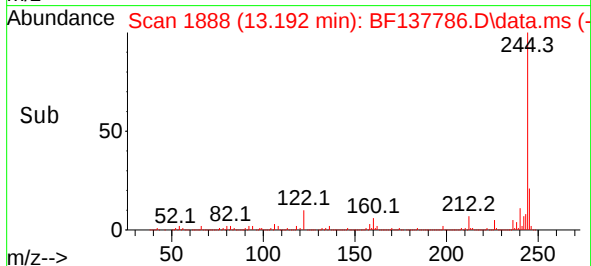
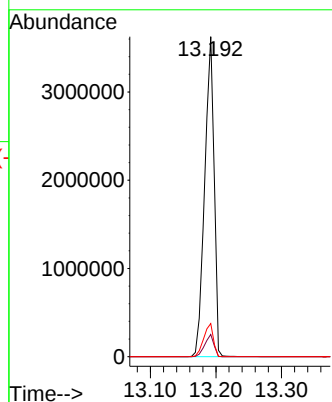


#79
 Terphenyl-d14
 Concen: 85.525 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. 0.006 min
 Lab File: BF137786.D
 Acq: 01 May 2024 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB160621BL



Tgt Ion:244 Resp: 3636037
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.4 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: BF137786.D
 Acq: 01 May 2024 11:42

Tgt Ion:264 Resp: 607315
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.5 17.4 26.0

