

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137788.D
Acq On : 01 May 2024 12:43
Operator : CG\JU
Sample : PB160608BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160608BL

Quant Time: May 01 13:09:11 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	230902	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	927936	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	543114	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	978006	20.000	ng	0.00
76) Chrysene-d12	14.251	240	686938	20.000	ng	0.00
86) Perylene-d12	15.821	264	564378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1684947	122.177	ng	0.02
7) Phenol-d6	6.675	99	2070807	118.382	ng	0.00
23) Nitrobenzene-d5	7.616	82	1290133	80.775	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	671151	121.030	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2648302	79.109	ng	0.00
79) Terphenyl-d14	13.192	244	3255385	79.419	ng	0.00

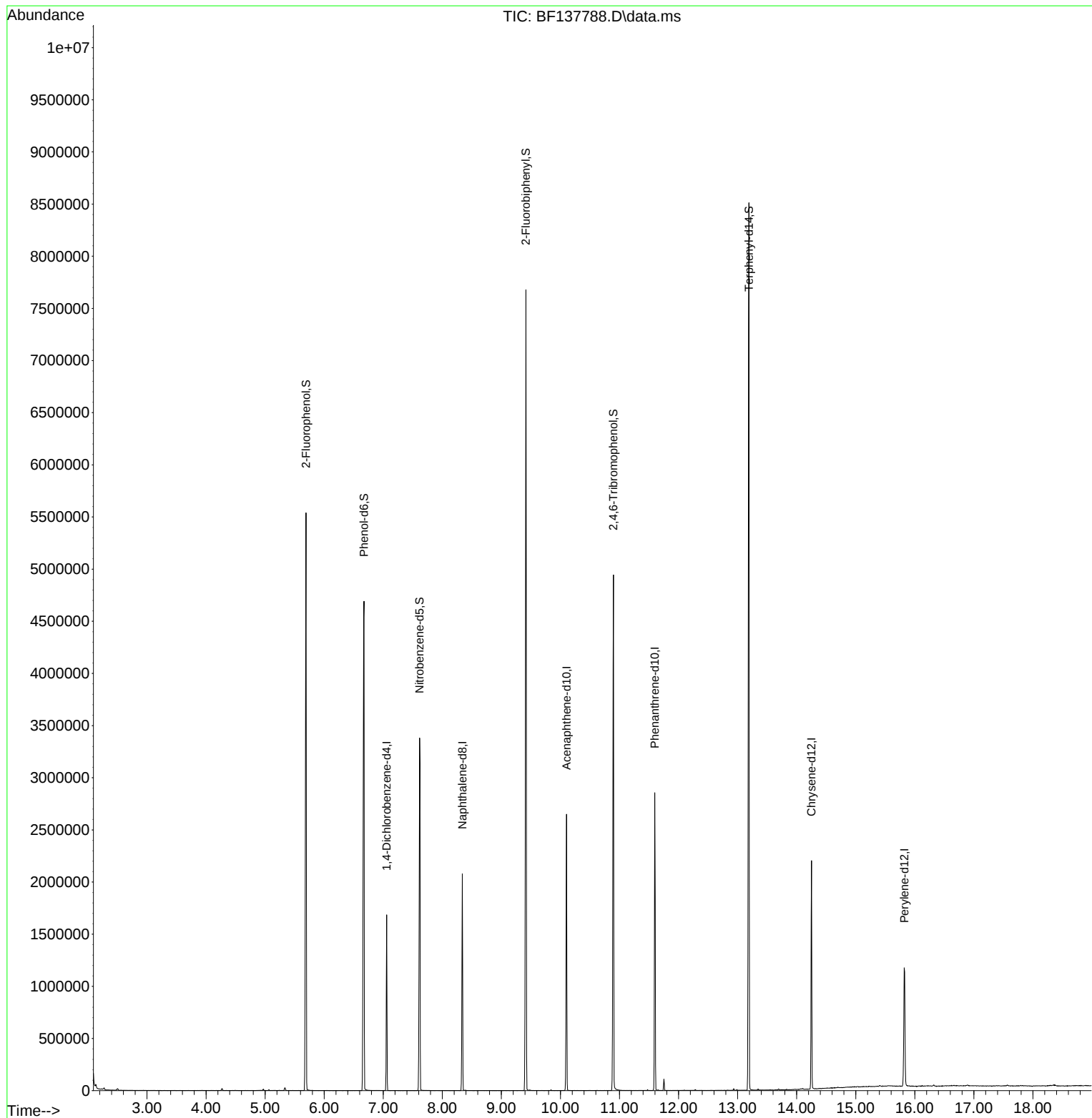
Target Compounds	Qvalue
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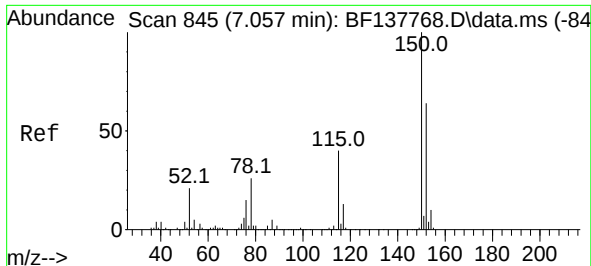
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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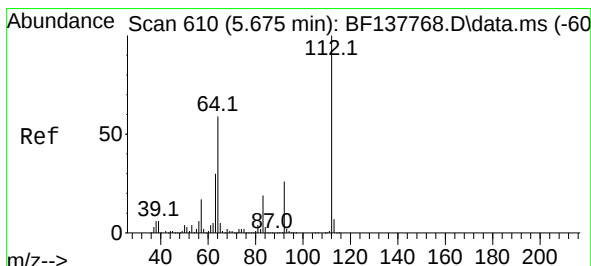
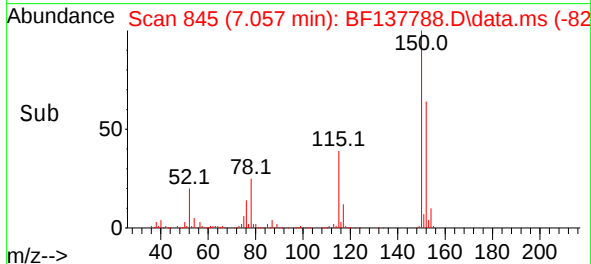
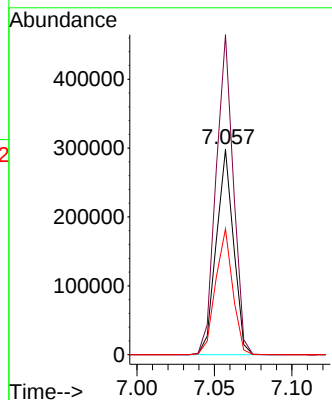
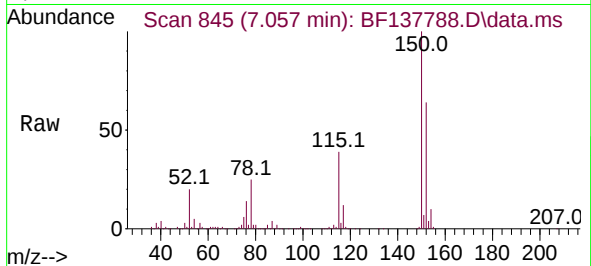




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137788.D
Acq: 01 May 2024 12:43

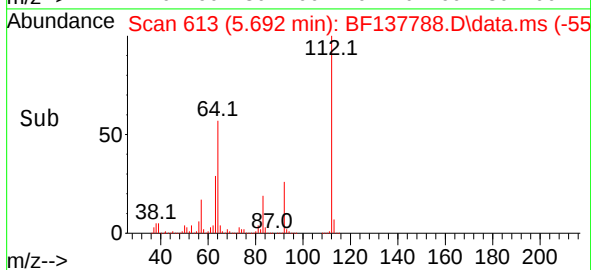
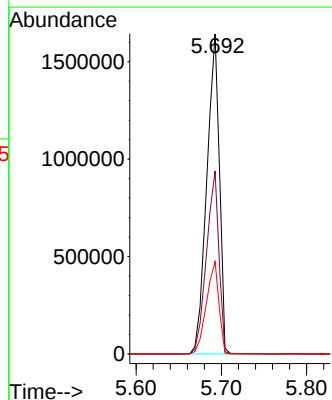
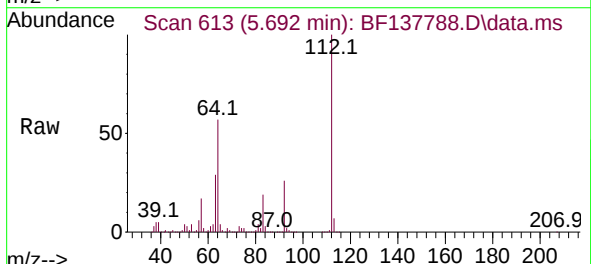
Instrument :
BNA_F
ClientSampleId :
PB160608BL

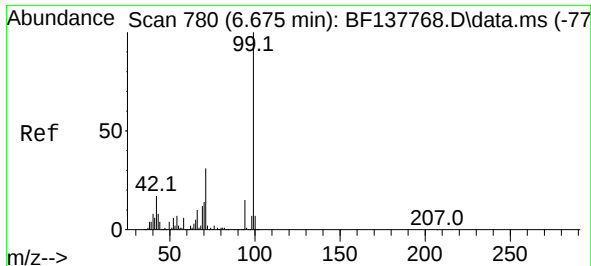
Tgt Ion:152 Resp: 230902
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 61.2 49.1 73.7



#5
2-Fluorophenol
Concen: 122.177 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137788.D
Acq: 01 May 2024 12:43

Tgt Ion:112 Resp: 1684947
Ion Ratio Lower Upper
112 100
64 57.2 47.3 70.9
63 28.8 23.7 35.5

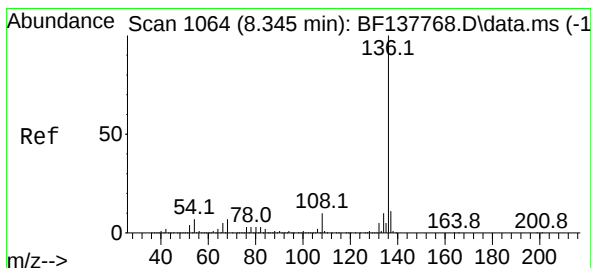
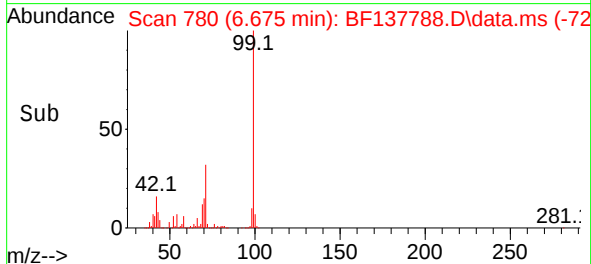
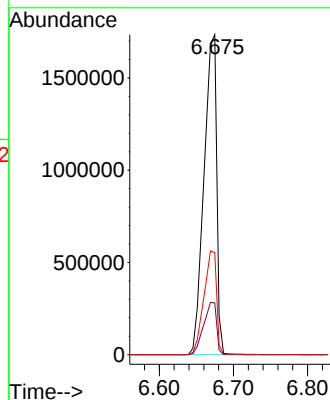
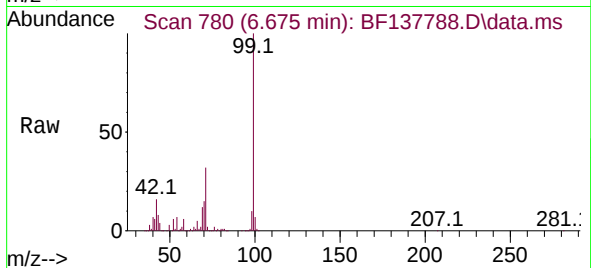




#7
Phenol-d6
Concen: 118.382 ng
RT: 6.675 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137788.D
Acq: 01 May 2024 12:43

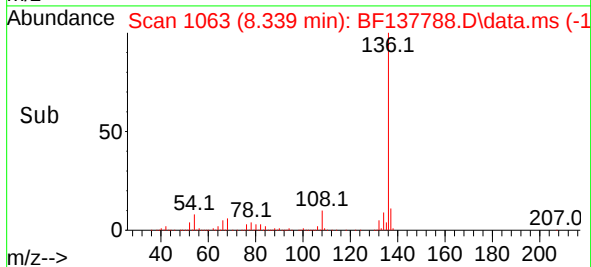
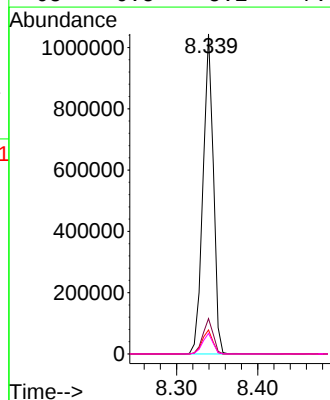
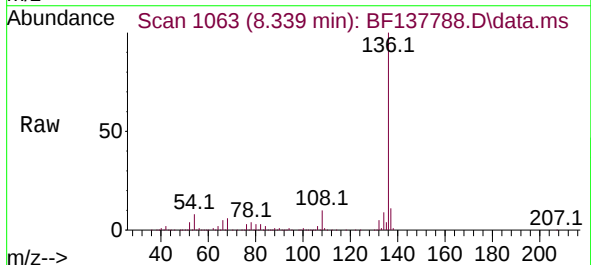
Instrument :
BNA_F
ClientSampleId :
PB160608BL

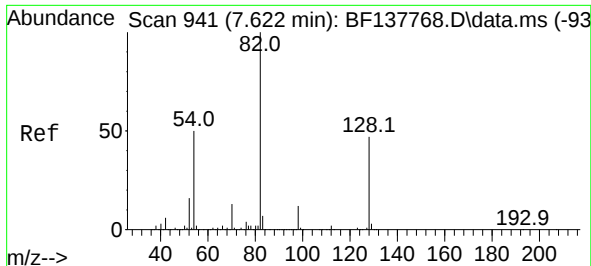
Tgt Ion: 99 Resp: 2070807
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 31.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137788.D
Acq: 01 May 2024 12:43

Tgt Ion:136 Resp: 927936
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 5.8 8.8
68 6.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 80.775 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137788.D

Acq: 01 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB160608BL

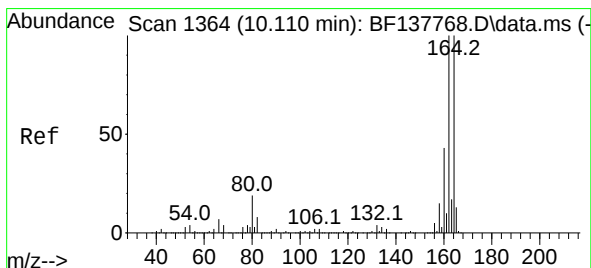
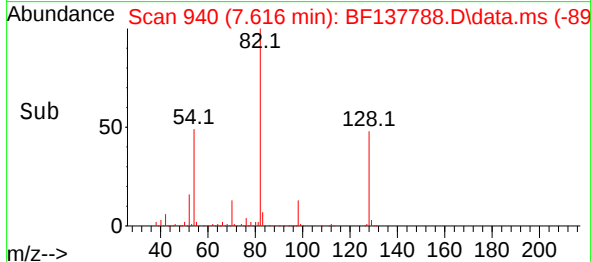
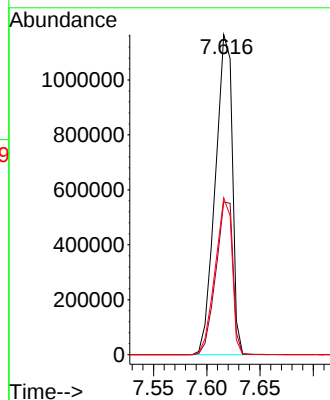
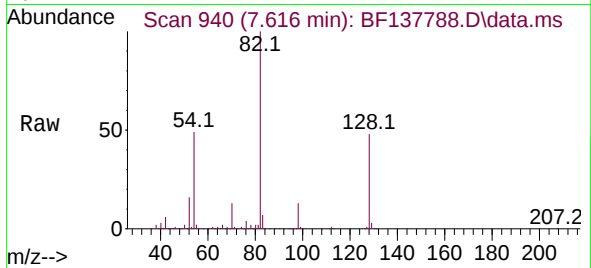
Tgt Ion: 82 Resp: 1290133

Ion Ratio Lower Upper

82 100

128 47.7 37.5 56.3

54 49.0 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: BF137788.D

Acq: 01 May 2024 12:43

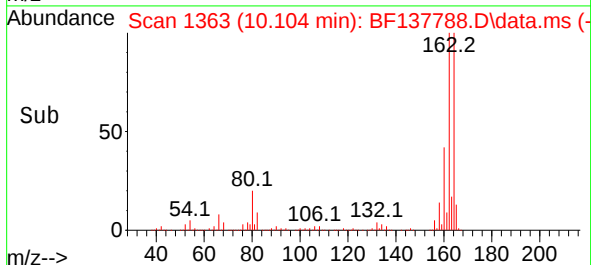
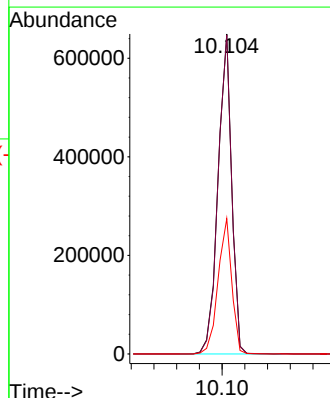
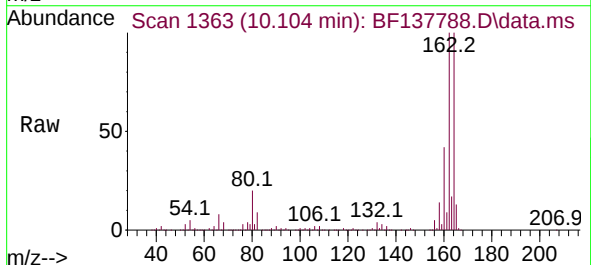
Tgt Ion:164 Resp: 543114

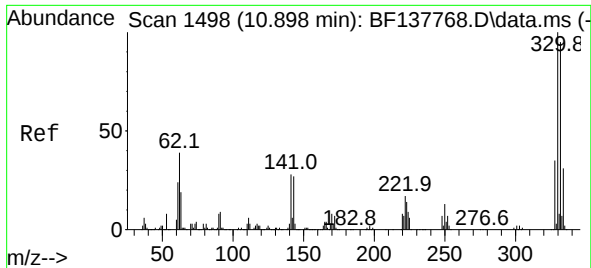
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 121.030 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137788.D

Acq: 01 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB160608BL

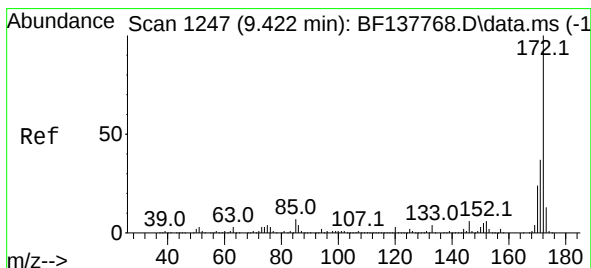
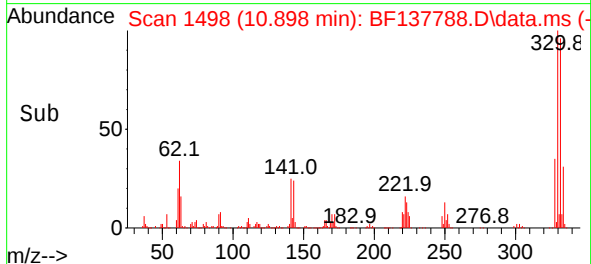
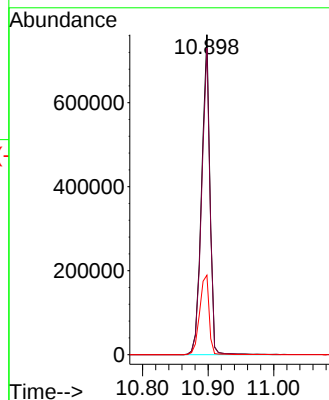
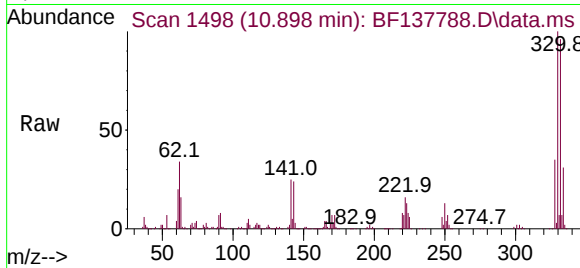
Tgt Ion:330 Resp: 671151

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 79.109 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137788.D

Acq: 01 May 2024 12:43

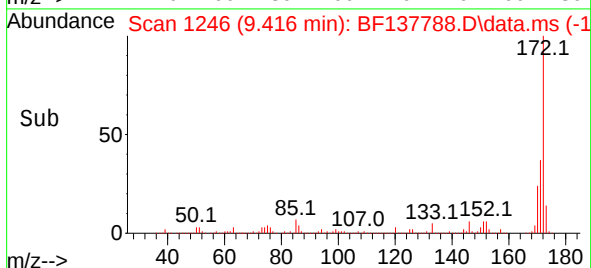
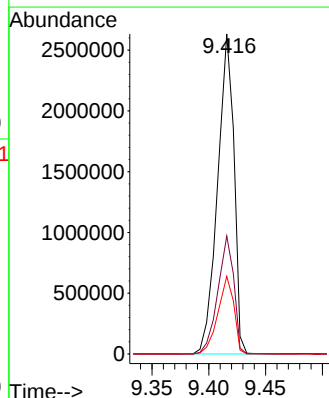
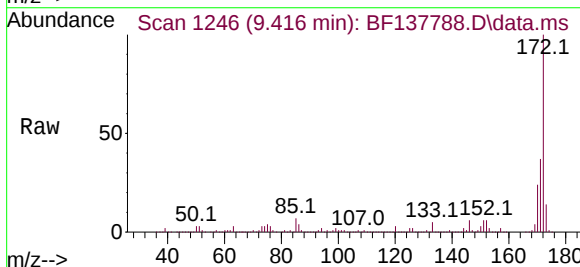
Tgt Ion:172 Resp: 2648302

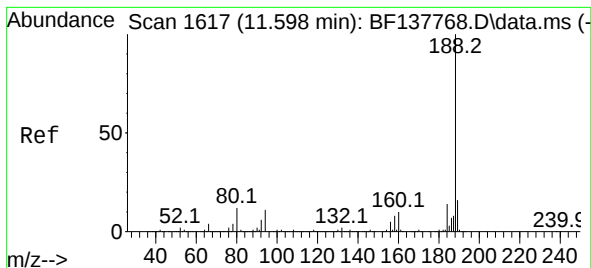
Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 24.3 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: BF137788.D

Acq: 01 May 2024 12:43

Instrument :

BNA_F

ClientSampleId :

PB160608BL

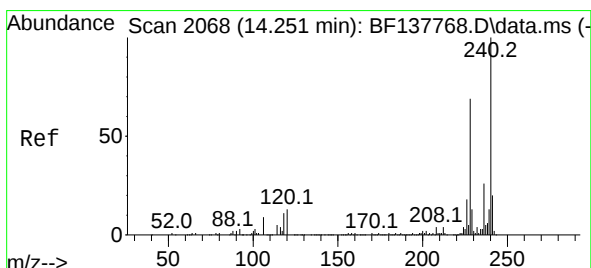
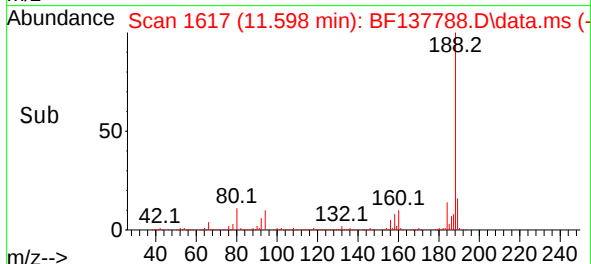
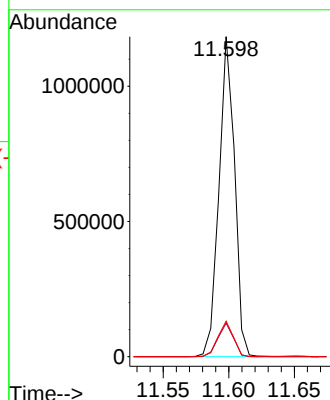
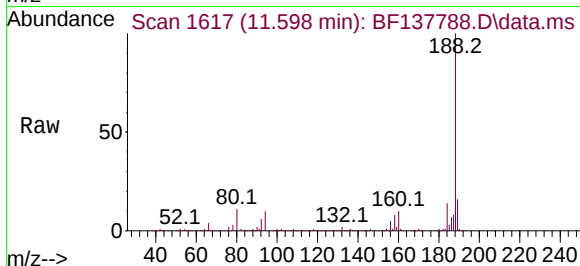
Tgt Ion:188 Resp: 978006

Ion Ratio Lower Upper

188 100

94 10.5 8.8 13.2

80 11.1 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: BF137788.D

Acq: 01 May 2024 12:43

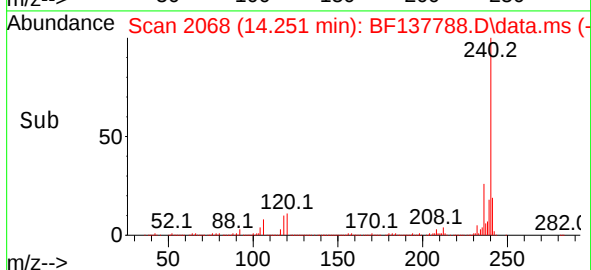
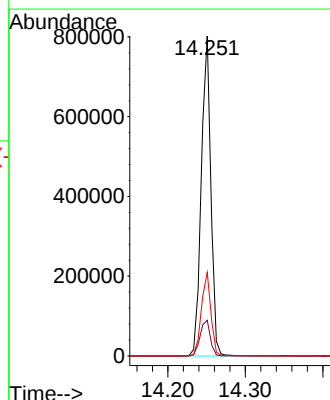
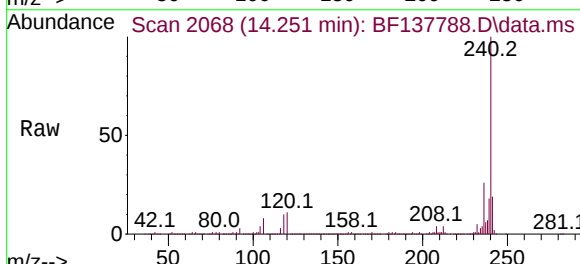
Tgt Ion:240 Resp: 686938

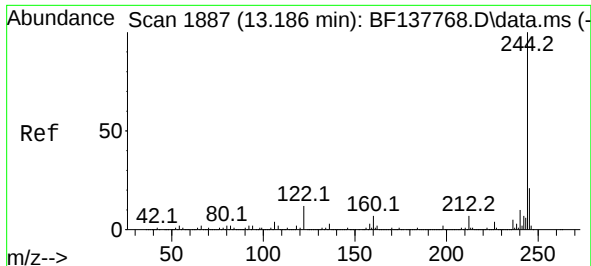
Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

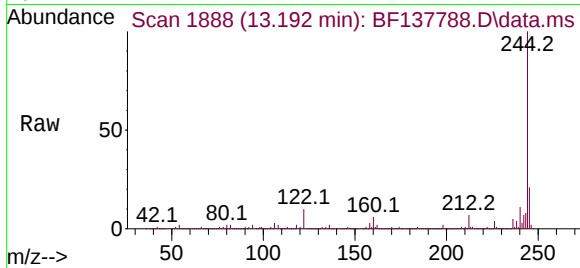
236 26.1 20.4 30.6



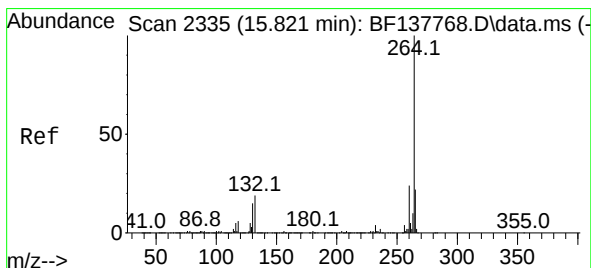
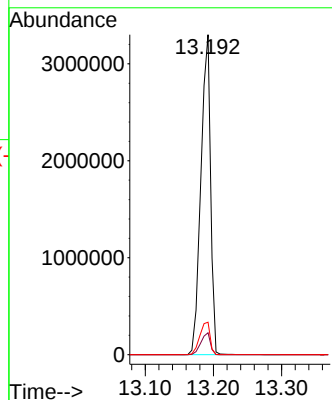
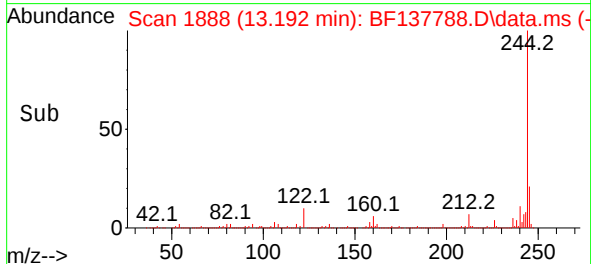


#79
Terphenyl-d14
Concen: 79.419 ng
RT: 13.192 min Scan# 1888
Delta R.T. 0.006 min
Lab File: BF137788.D
Acq: 01 May 2024 12:43

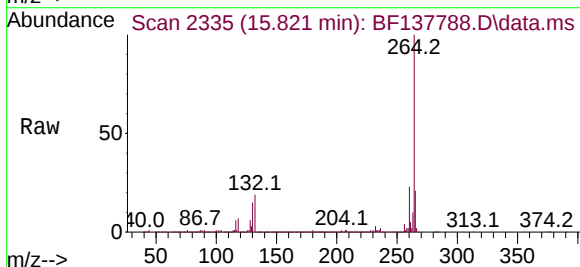
Instrument :
BNA_F
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PB160608BL



Tgt Ion:244 Resp: 3255385
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.2 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: BF137788.D
Acq: 01 May 2024 12:43



Tgt Ion:264 Resp: 564378
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.3 17.4 26.0

