

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137813.D
Acq On : 02 May 2024 14:14
Operator : CG\JU
Sample : P2323-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: May 02 14:58:27 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	231132	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	607701	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	349788	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	571036	20.000	ng	0.00
76) Chrysene-d12	14.245	240	290090	20.000	ng	0.00
86) Perylene-d12	15.821	264	272538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1529916	110.825	ng	0.02
7) Phenol-d6	6.675	99	1858853	106.159	ng	0.00
23) Nitrobenzene-d5	7.616	82	1385496	132.458	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	487090	136.385	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1942165	90.080	ng	0.00
79) Terphenyl-d14	13.186	244	1929164	111.449	ng	0.00

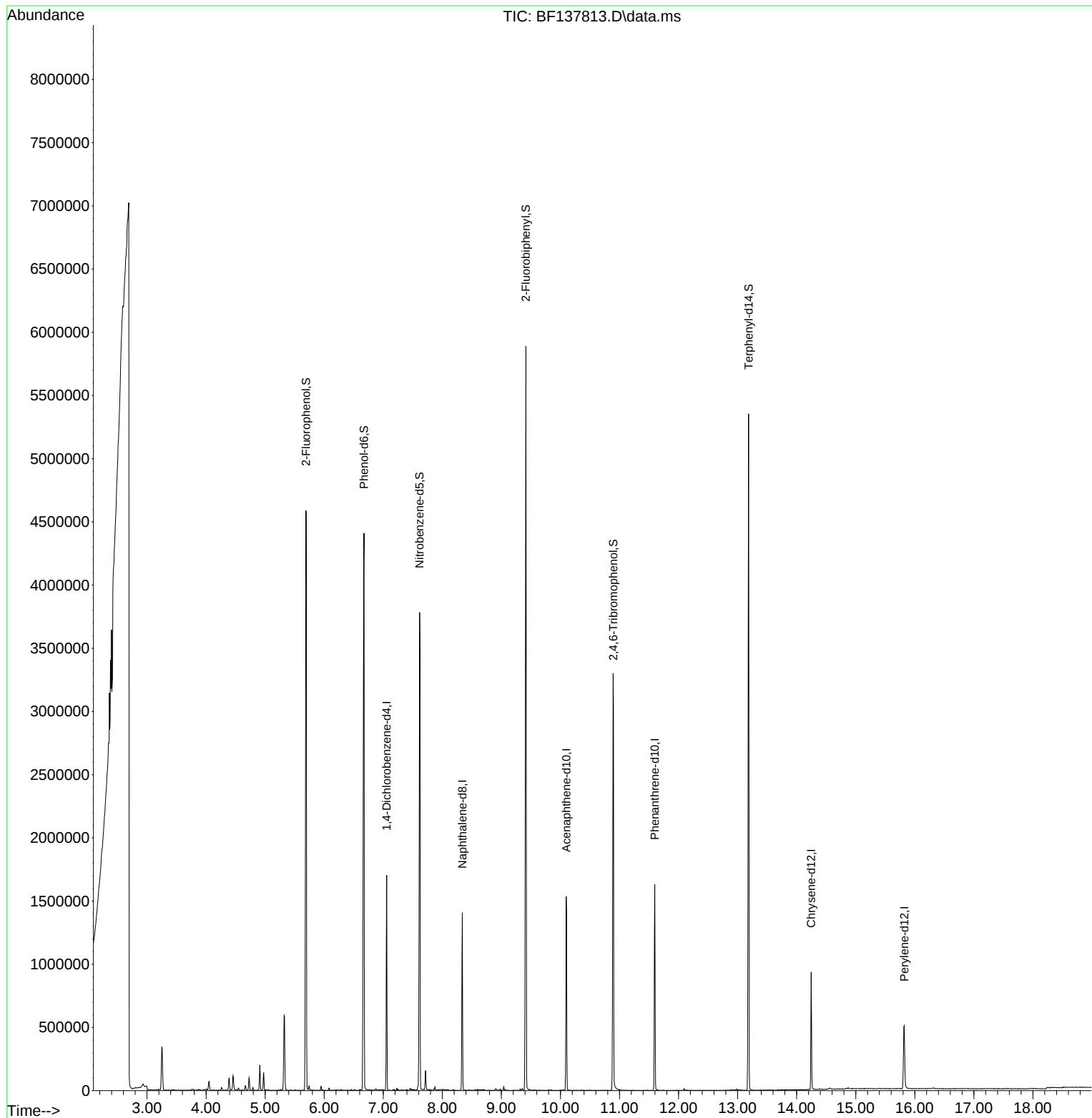
Target Compounds	Qvalue

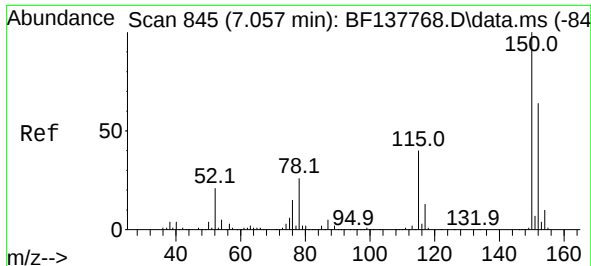
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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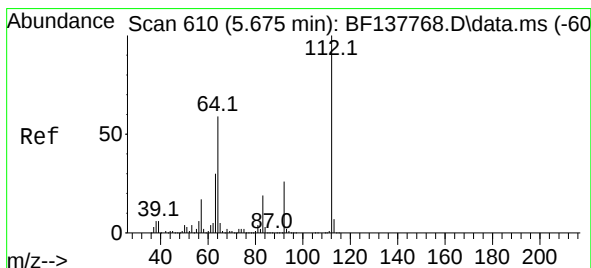
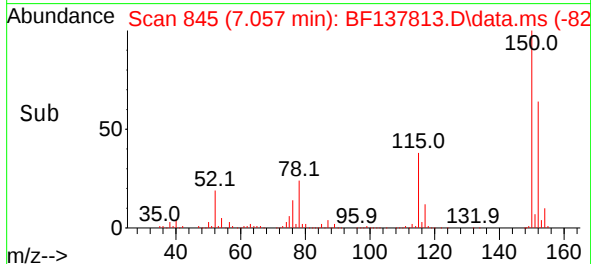
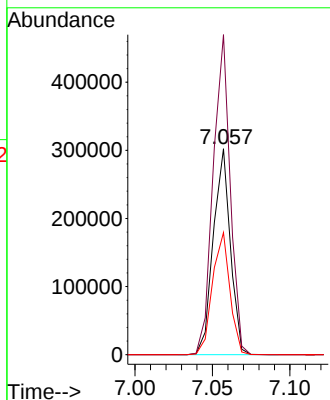
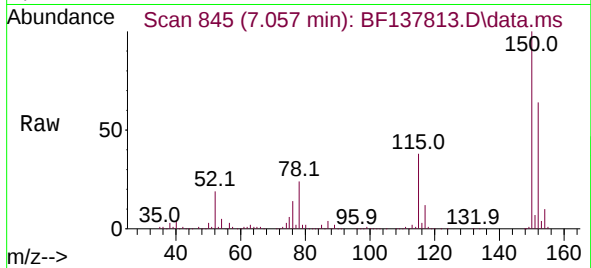




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

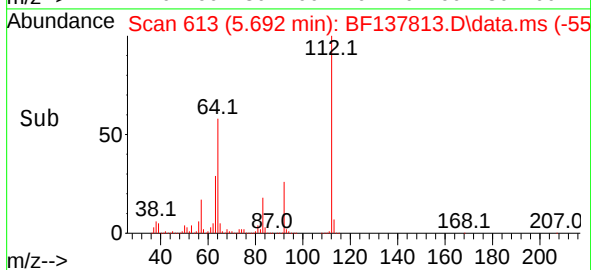
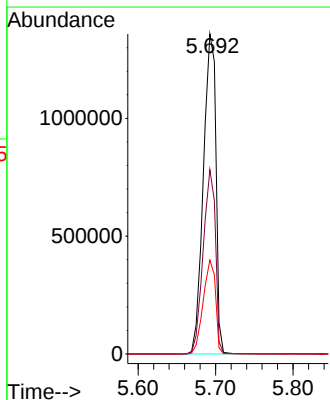
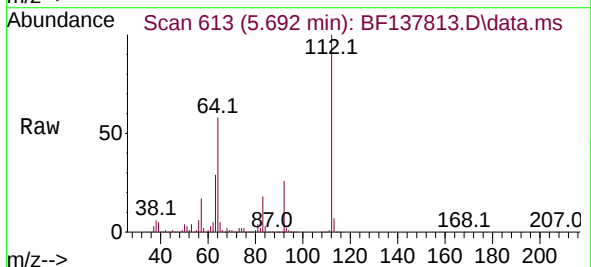
Instrument :
BNA_F
ClientSampleId :
TP-2

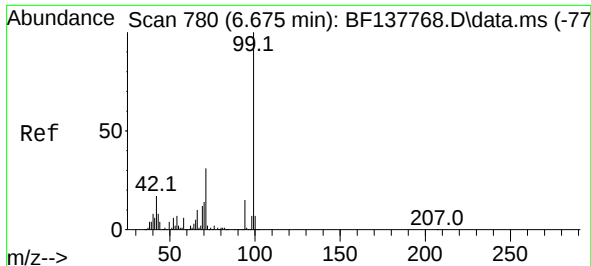
Tgt Ion:152 Resp: 231132
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 59.3 49.1 73.7



#5
2-Fluorophenol
Concen: 110.825 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion:112 Resp: 1529916
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 29.4 23.7 35.5

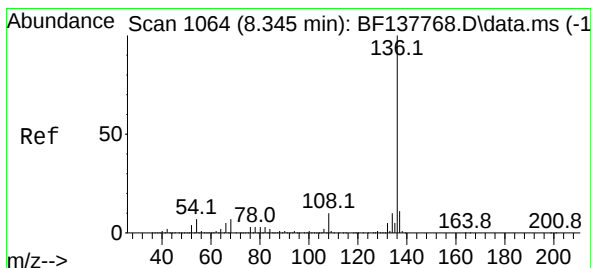
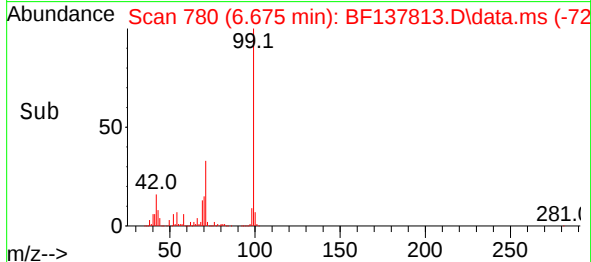
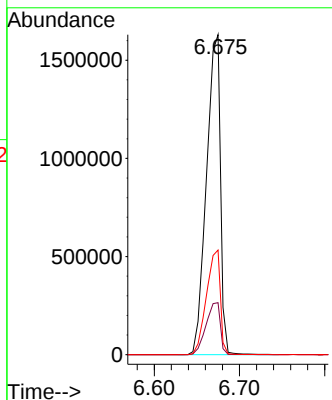
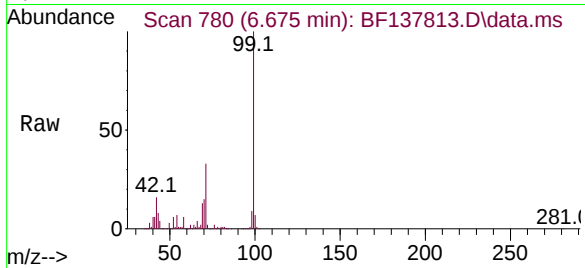




#7
Phenol-d6
Concen: 106.159 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

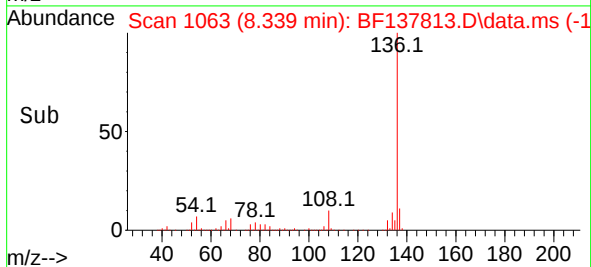
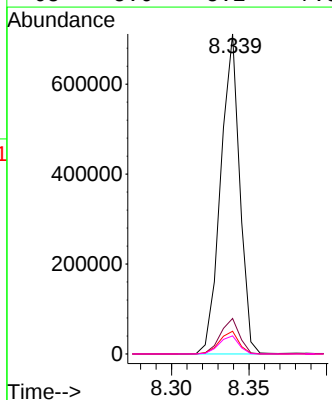
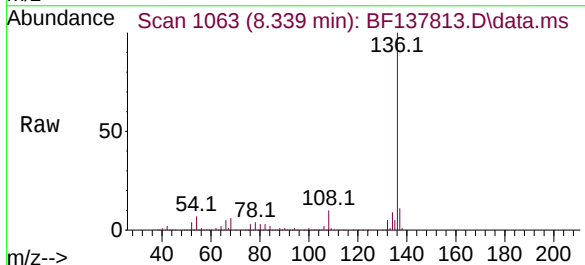
Instrument :
BNA_F
ClientSampleId :
TP-2

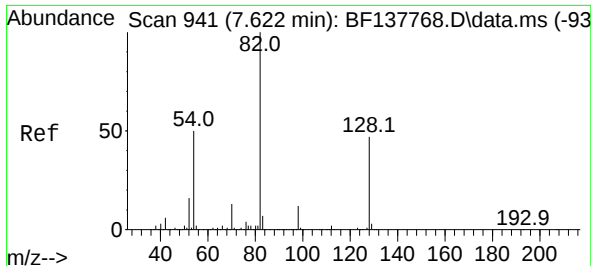
Tgt Ion: 99 Resp: 1858853
Ion Ratio Lower Upper
99 100
42 16.2 13.2 19.8
71 32.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137813.D
Acq: 02 May 2024 14:14

Tgt Ion: 136 Resp: 607701
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.8 8.8
68 5.6 5.2 7.8





#23

Nitrobenzene-d5

Concen: 132.458 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-2

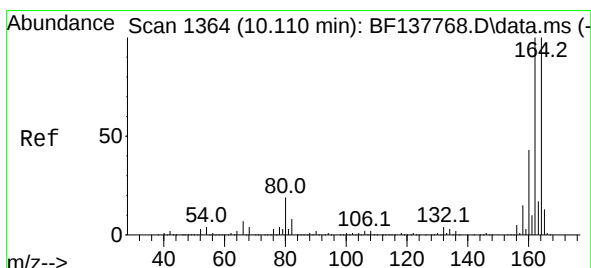
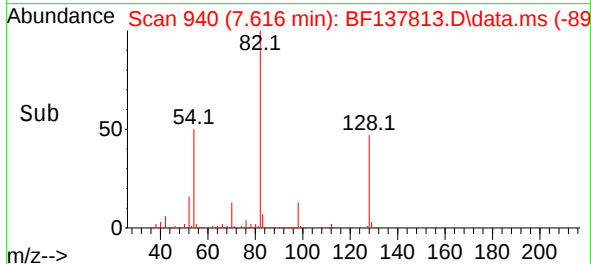
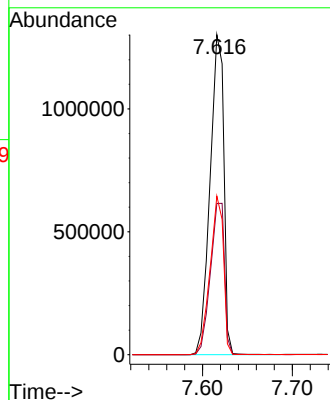
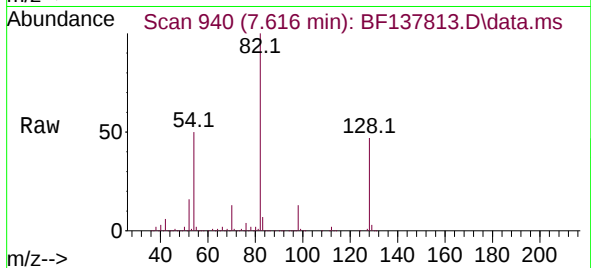
Tgt Ion: 82 Resp: 1385496

Ion Ratio Lower Upper

82 100

128 47.3 37.5 56.3

54 49.5 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: BF137813.D

Acq: 02 May 2024 14:14

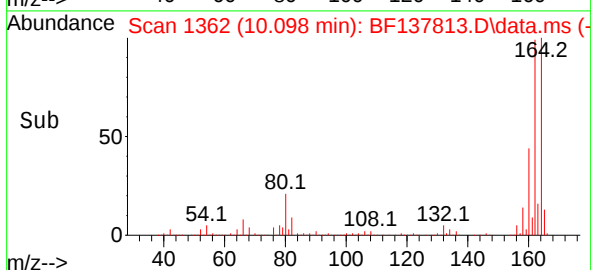
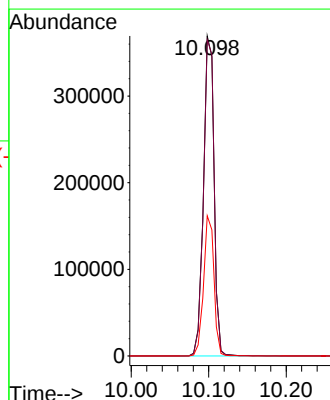
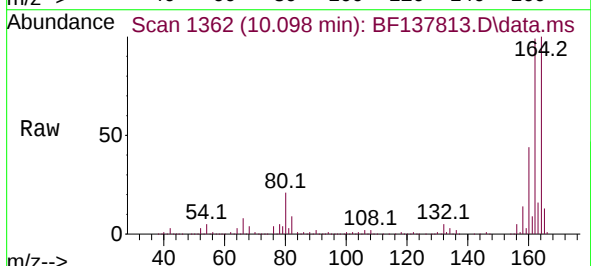
Tgt Ion:164 Resp: 349788

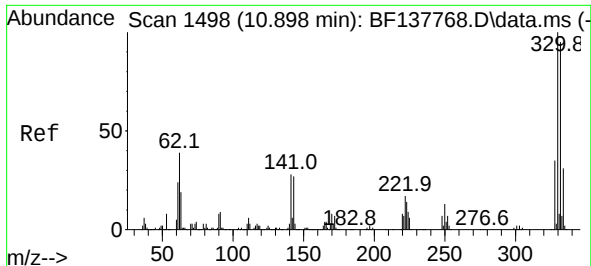
Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.6

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.385 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-2

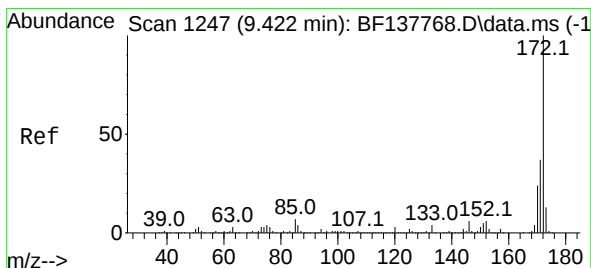
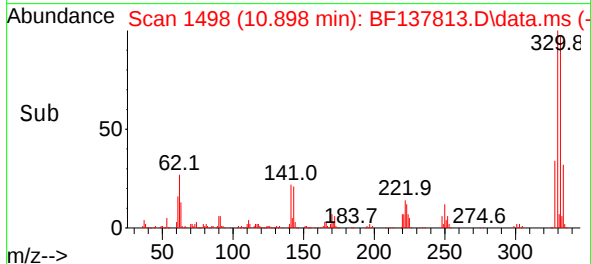
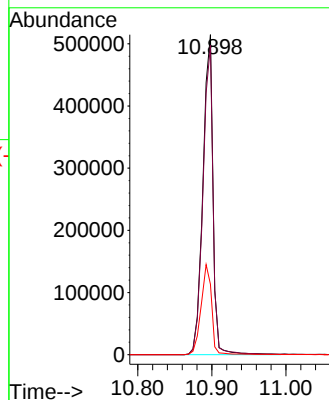
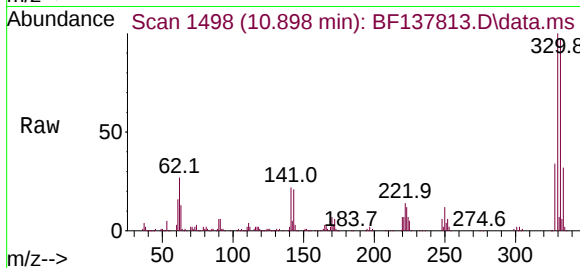
Tgt Ion:330 Resp: 487090

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 29.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 90.080 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137813.D

Acq: 02 May 2024 14:14

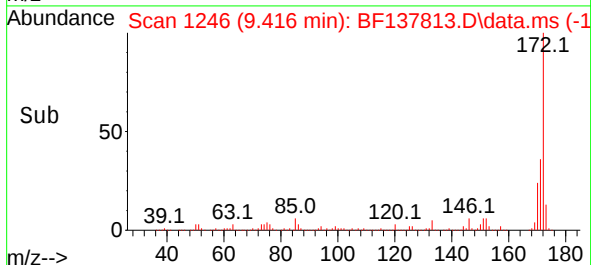
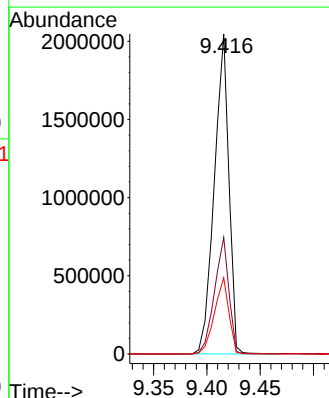
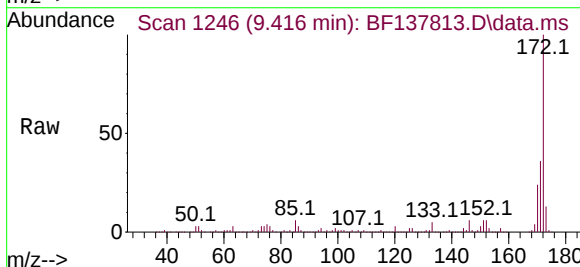
Tgt Ion:172 Resp: 1942165

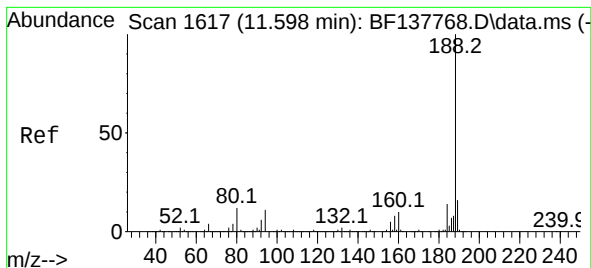
Ion Ratio Lower Upper

172 100

171 36.4 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: BF137813.D

Acq: 02 May 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-2

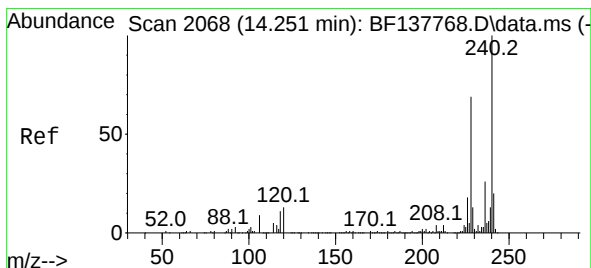
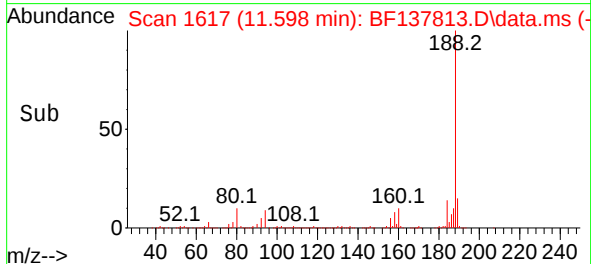
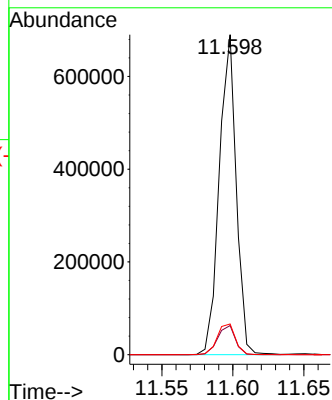
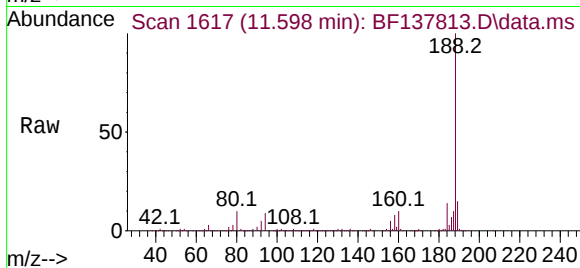
Tgt Ion:188 Resp: 571036

Ion Ratio Lower Upper

188 100

94 9.1 8.8 13.2

80 9.6 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: BF137813.D

Acq: 02 May 2024 14:14

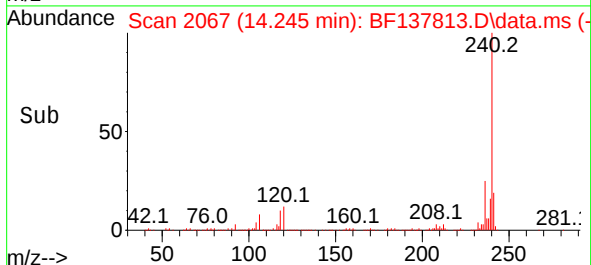
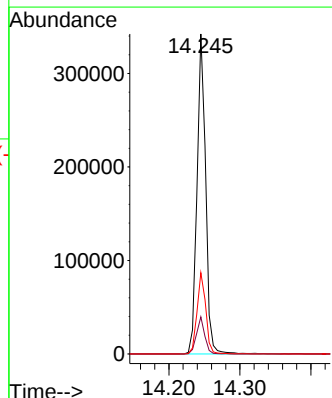
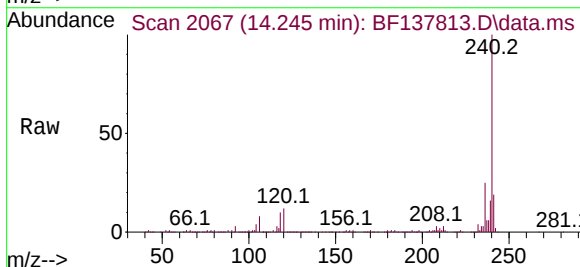
Tgt Ion:240 Resp: 290090

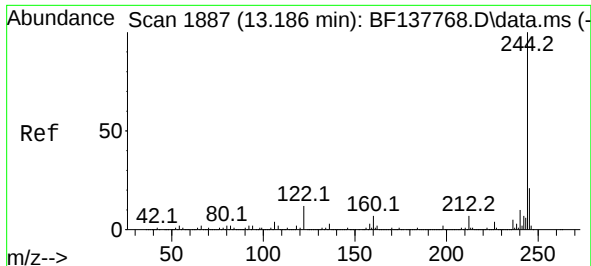
Ion Ratio Lower Upper

240 100

120 11.6 10.4 15.6

236 25.4 20.4 30.6

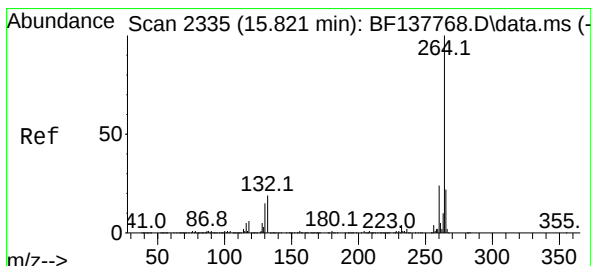
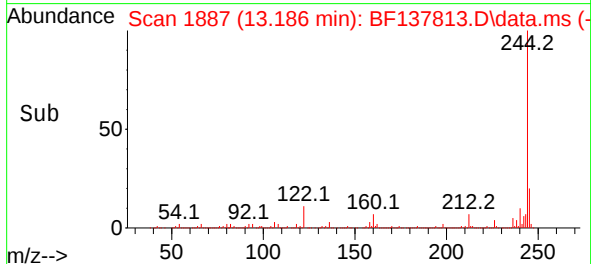
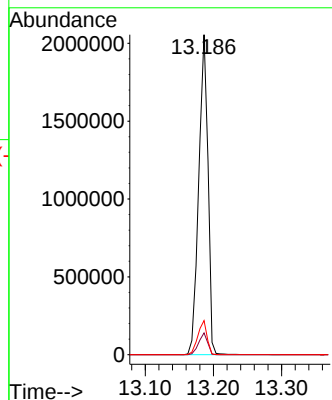
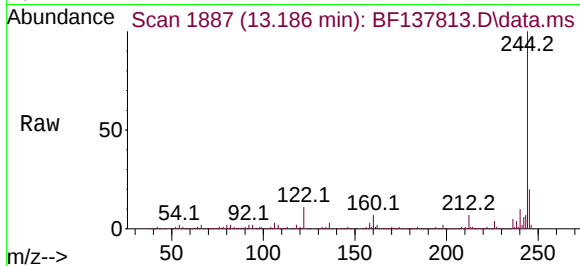




#79
 Terphenyl-d14
 Concen: 111.449 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137813.D
 Acq: 02 May 2024 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1929164
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 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: BF137813.D
 Acq: 02 May 2024 14:14

Tgt Ion:264 Resp: 272538
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.3 17.4 26.0

