

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137822.D
 Acq On : 02 May 2024 18:52
 Operator : CG\JU
 Sample : P2323-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 03 02:23:41 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	136742	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	532359	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	298201	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	478640	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	385163	20.000	ng	0.00
86) Perylene-d12	15.815	264	280679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	778534	95.325	ng	0.00
7) Phenol-d6	6.669	99	956957	92.377	ng	0.00
23) Nitrobenzene-d5	7.616	82	582267	63.545	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	281761	92.541	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1196705	65.107	ng	-0.01
79) Terphenyl-d14	13.180	244	1607639	69.949	ng	0.00

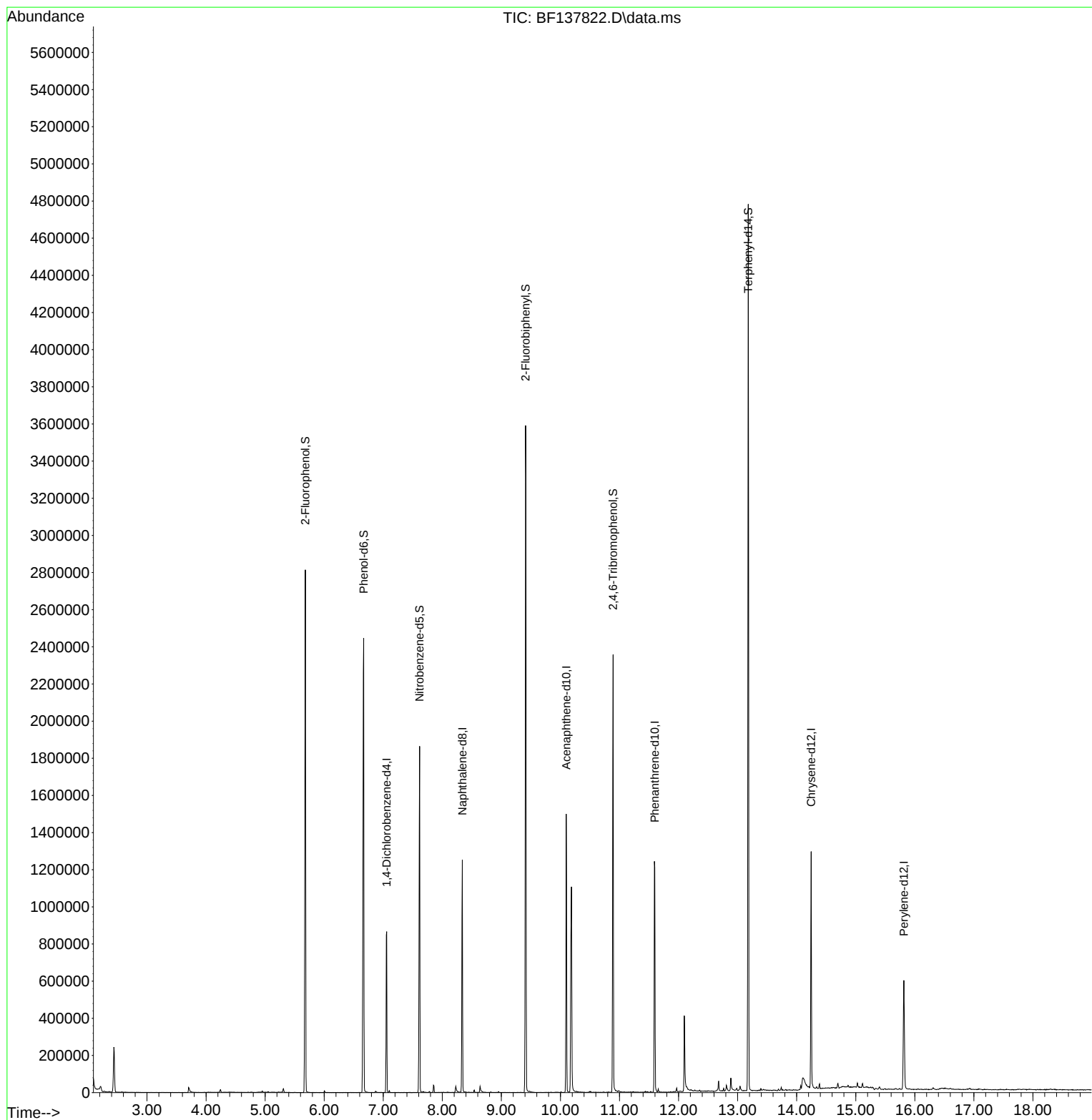
Target Compounds Qvalue

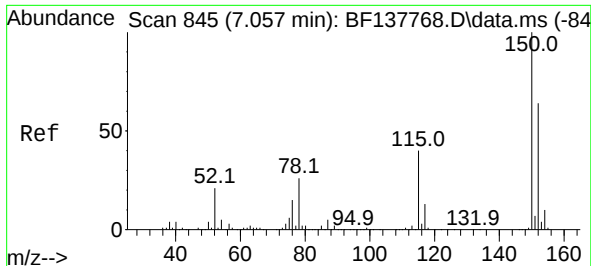
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137822.D
Acq On : 02 May 2024 18:52
Operator : CG\JU
Sample : P2323-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: May 03 02:23:41 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

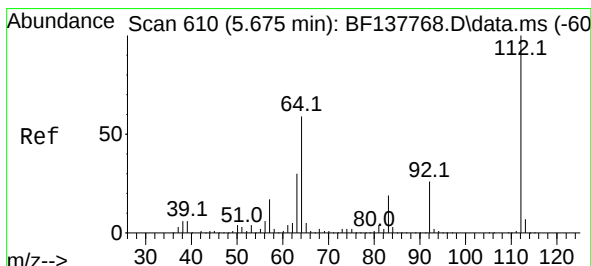
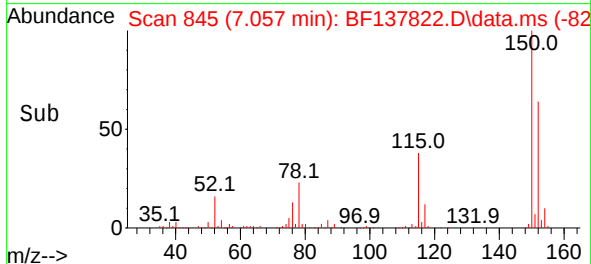
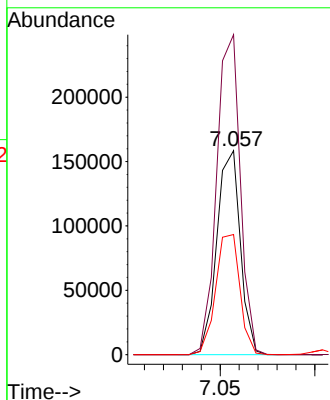
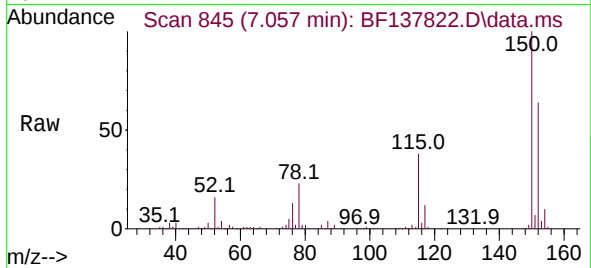




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

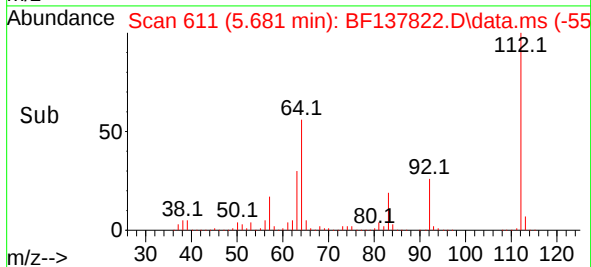
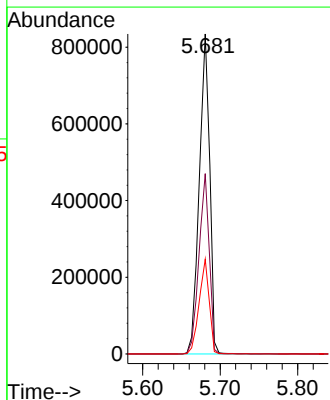
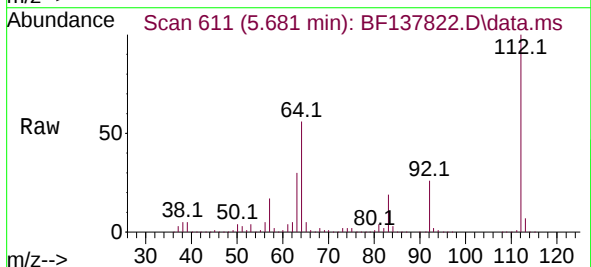
Instrument :
BNA_F
ClientSampleId :
TP-1

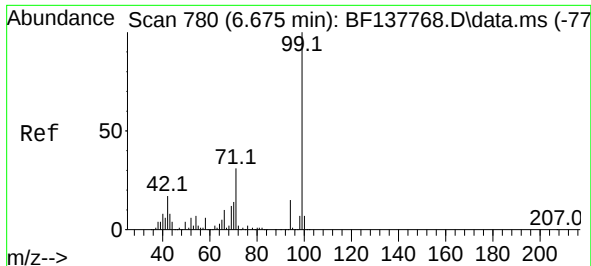
Tgt Ion:152 Resp: 136742
Ion Ratio Lower Upper
152 100
150 156.8 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 95.325 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

Tgt Ion:112 Resp: 778534
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 29.6 23.7 35.5

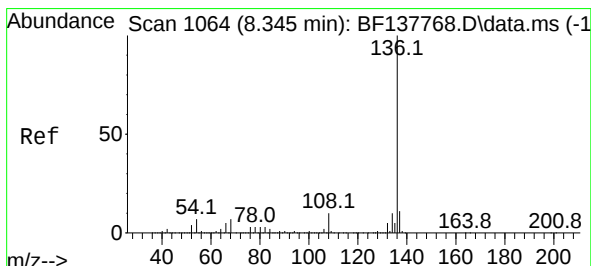
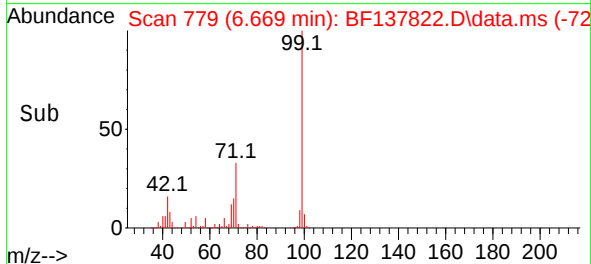
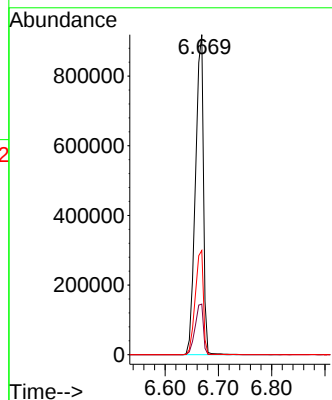
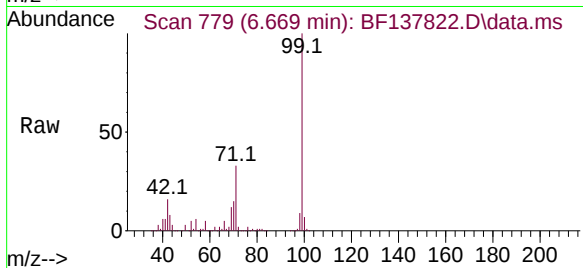




#7
Phenol-d6
Concen: 92.377 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

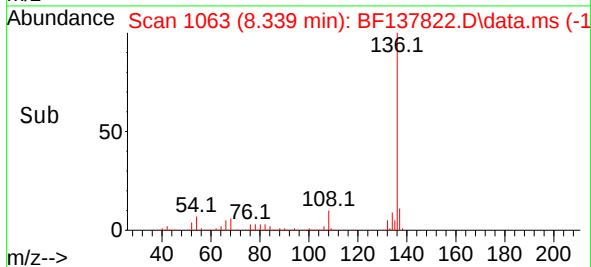
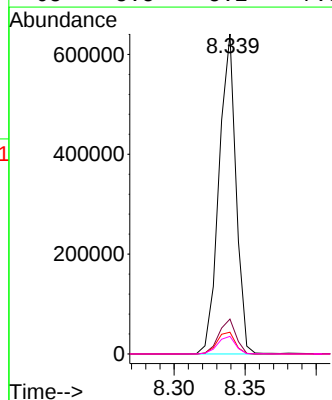
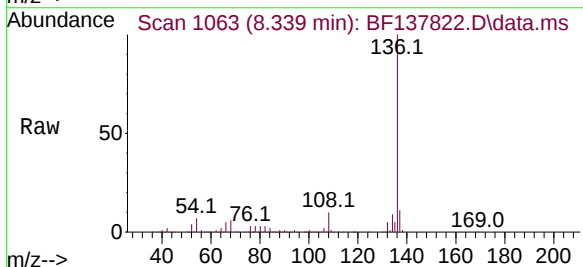
Instrument :
BNA_F
ClientSampleId :
TP-1

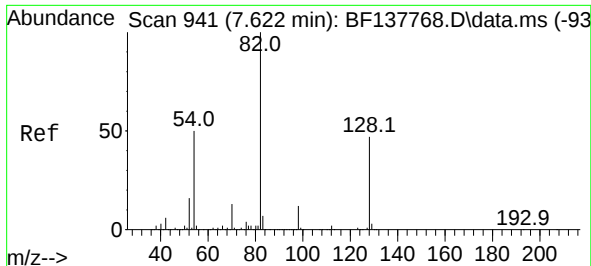
Tgt Ion: 99 Resp: 956957
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 32.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

Tgt Ion: 136 Resp: 532359
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.8 5.8 8.8
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 63.545 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137822.D

Acq: 02 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

TP-1

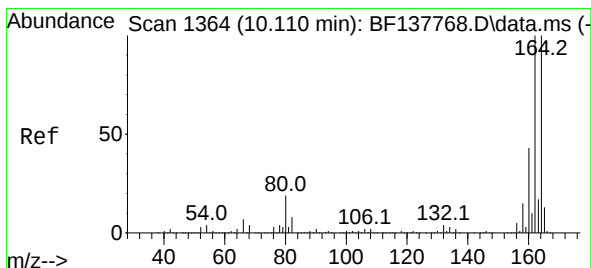
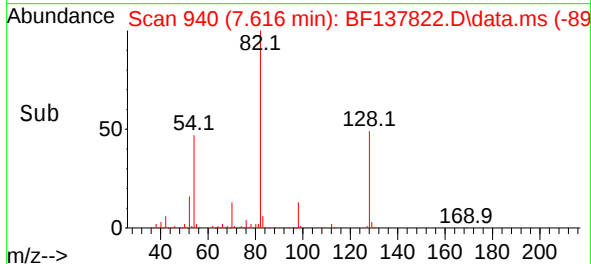
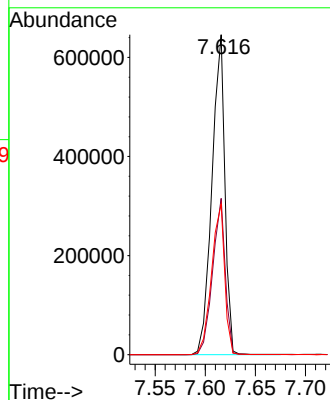
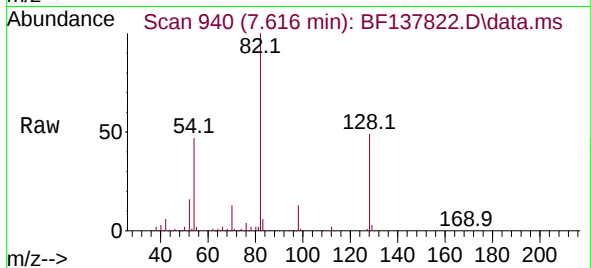
Tgt Ion: 82 Resp: 582267

Ion Ratio Lower Upper

82 100

128 48.9 37.5 56.3

54 47.1 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: BF137822.D

Acq: 02 May 2024 18:52

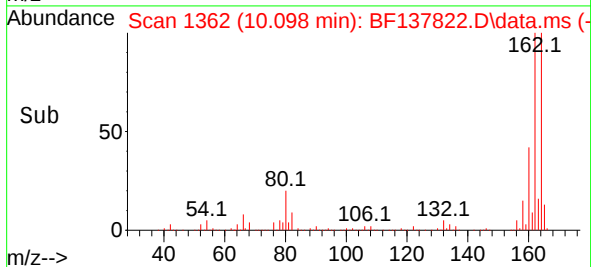
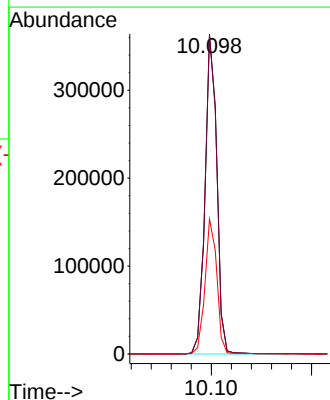
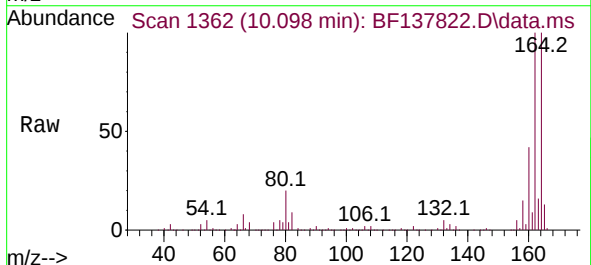
Tgt Ion:164 Resp: 298201

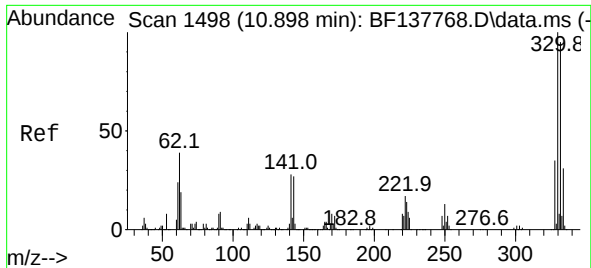
Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.6

160 42.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 92.541 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137822.D

Acq: 02 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

TP-1

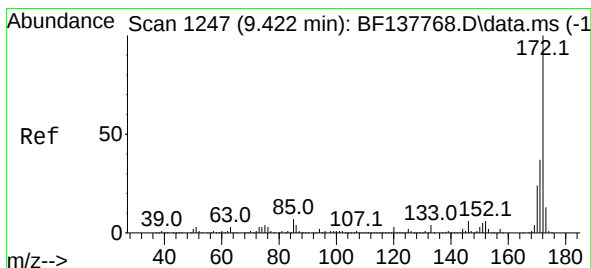
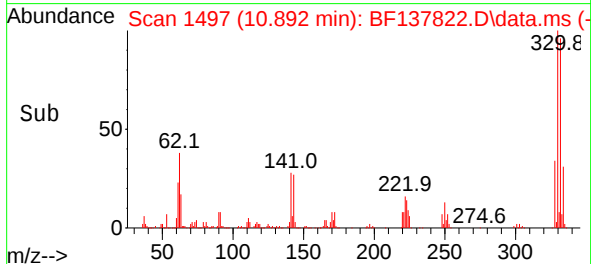
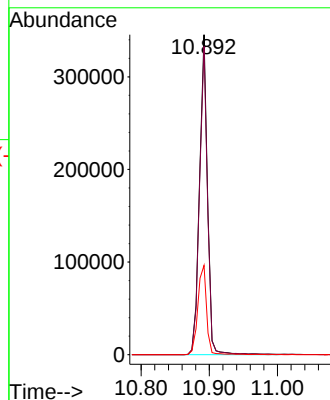
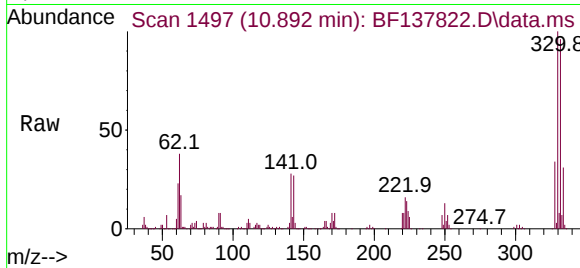
Tgt Ion:330 Resp: 281761

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 30.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 65.107 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137822.D

Acq: 02 May 2024 18:52

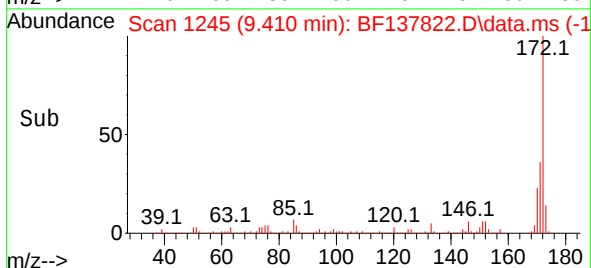
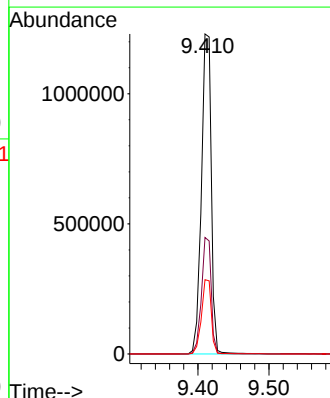
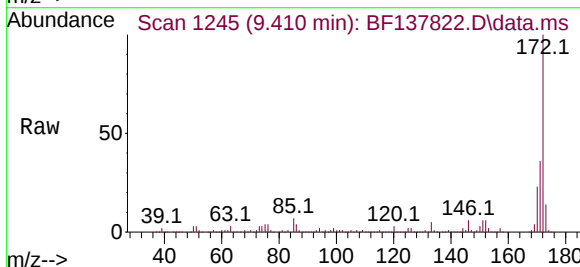
Tgt Ion:172 Resp: 1196705

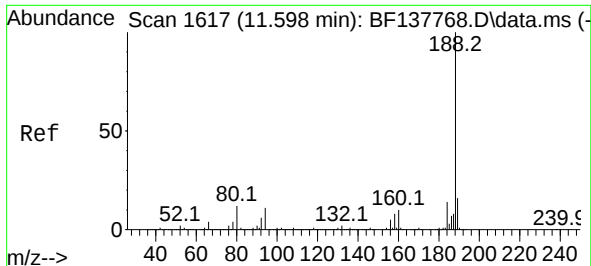
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.2 19.4 29.2

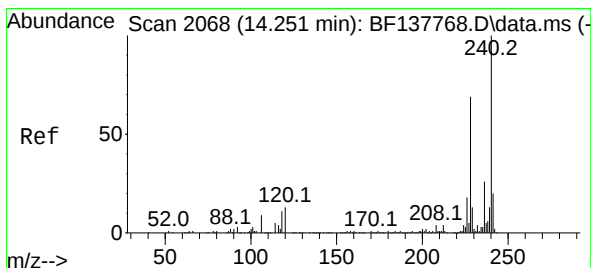
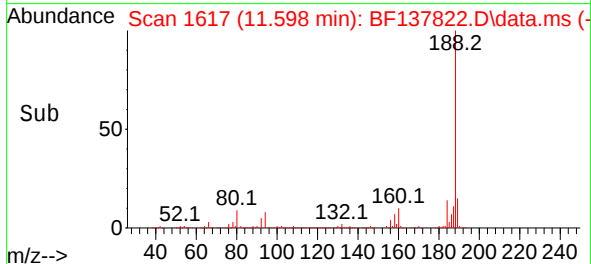
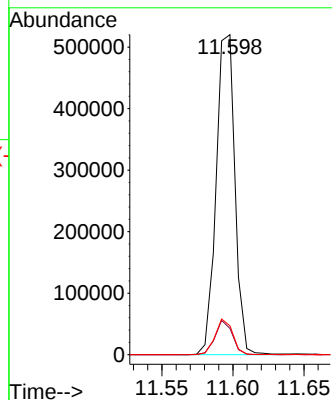
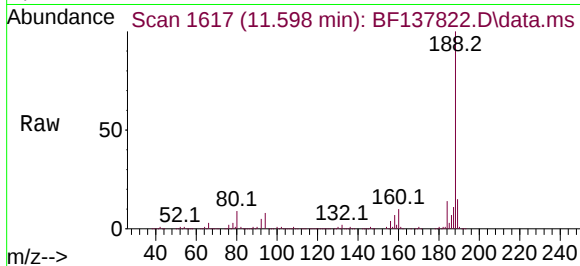




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

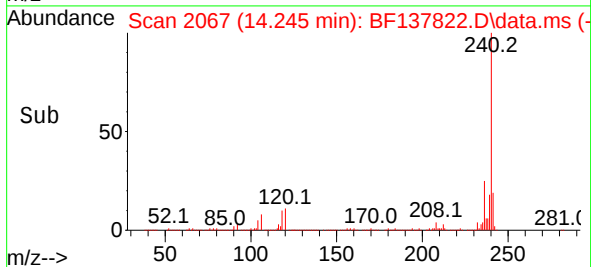
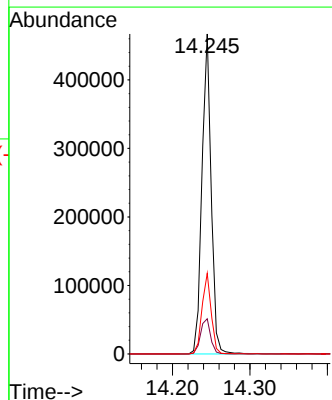
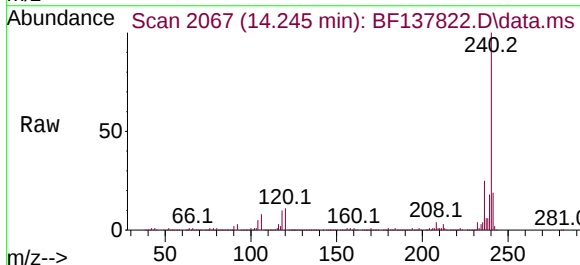
Instrument :
BNA_F
ClientSampleId :
TP-1

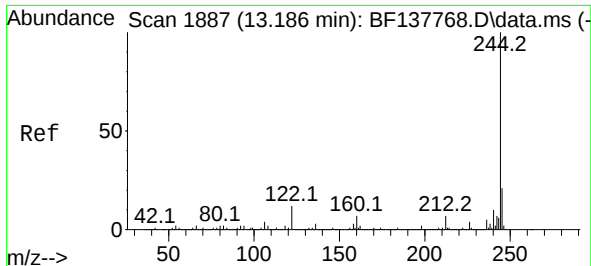
Tgt Ion:188 Resp: 478640
Ion Ratio Lower Upper
188 100
94 8.2 8.8 13.2#
80 9.0 9.6 14.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137822.D
Acq: 02 May 2024 18:52

Tgt Ion:240 Resp: 385163
Ion Ratio Lower Upper
240 100
120 11.0 10.4 15.6
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 69.949 ng

RT: 13.180 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137822.D

Acq: 02 May 2024 18:52

Instrument :

BNA_F

ClientSampleId :

TP-1

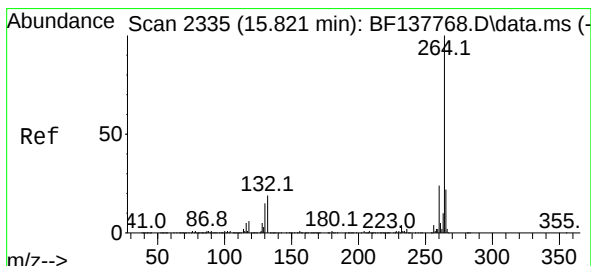
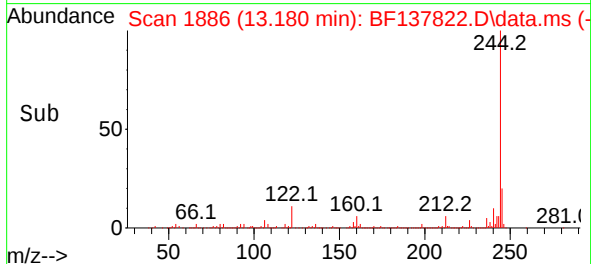
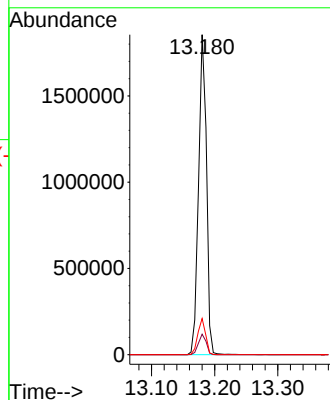
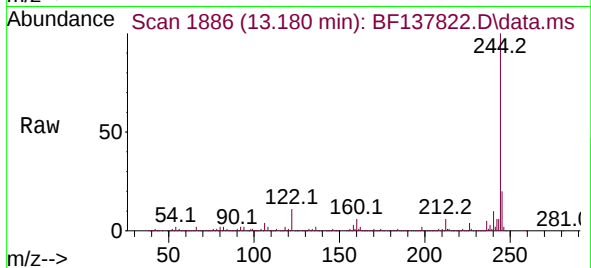
Tgt Ion:244 Resp: 1607639

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

122 11.3 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: BF137822.D

Acq: 02 May 2024 18:52

Tgt Ion:264 Resp: 280679

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.6 17.4 26.0

