

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137812.D
 Acq On : 02 May 2024 13:14
 Operator : CG\JU
 Sample : P2323-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 02 13:46:08 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	221660	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	831495	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	327530	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	528481	20.000	ng	0.00
76) Chrysene-d12	14.245	240	274784	20.000	ng	0.00
86) Perylene-d12	15.821	264	246205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1449676	109.500	ng	0.02
7) Phenol-d6	6.669	99	1816144	108.152	ng	0.00
23) Nitrobenzene-d5	7.616	82	1269950	88.734	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	450668	134.763	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1814229	89.865	ng	0.00
79) Terphenyl-d14	13.186	244	1839590	112.193	ng	0.00

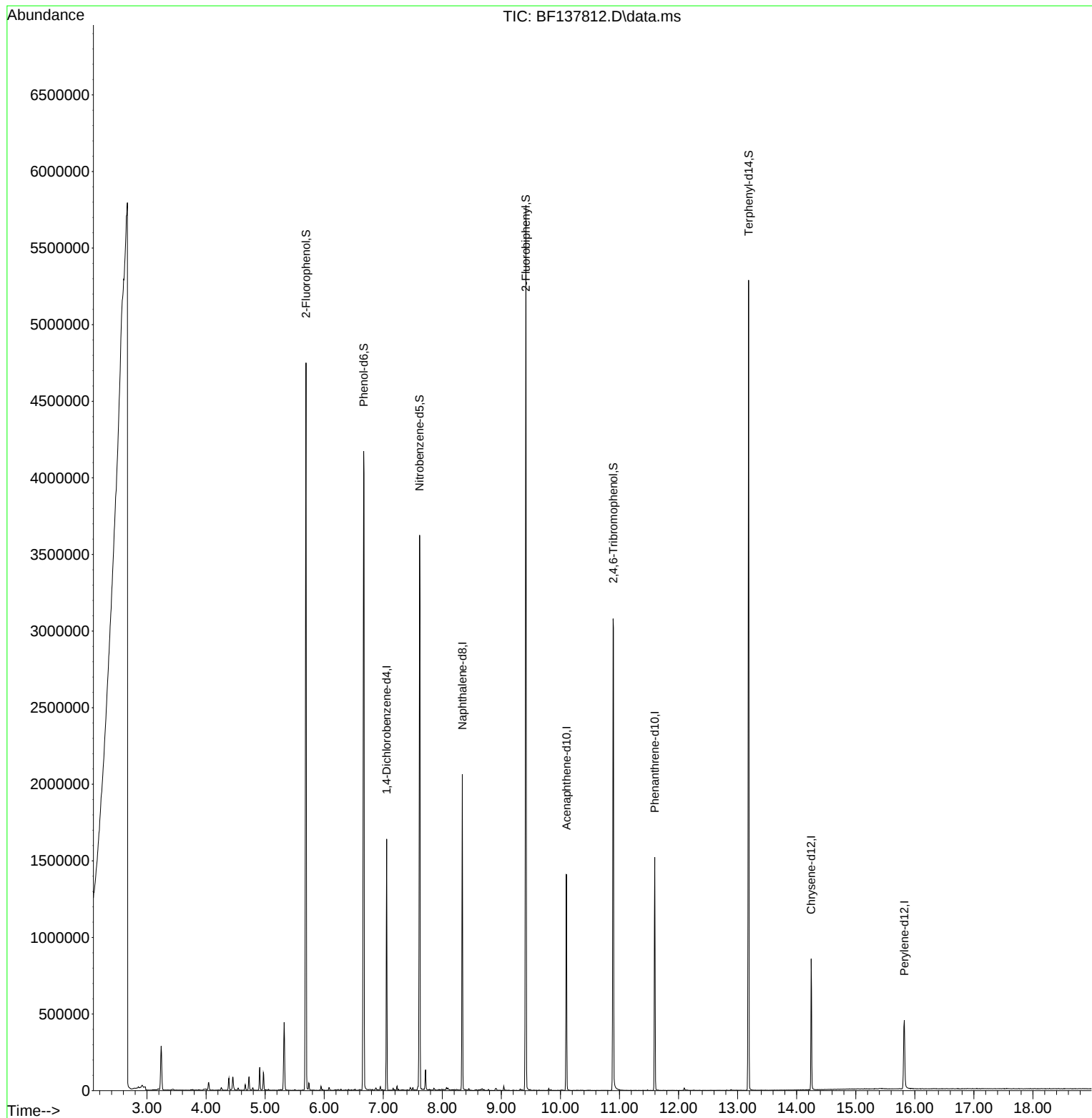
Target Compounds Qvalue

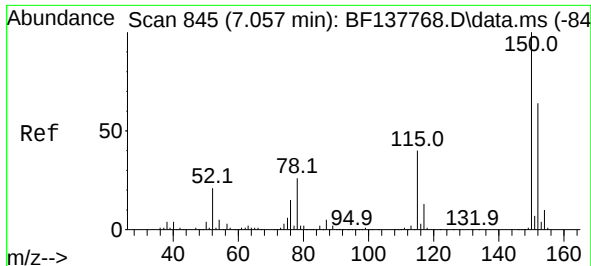
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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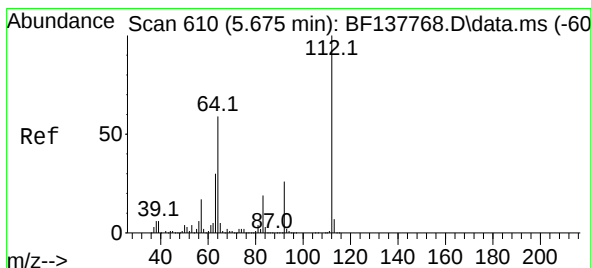
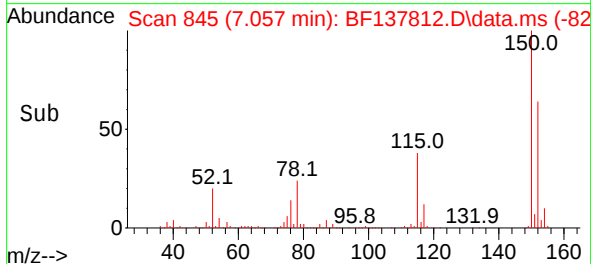
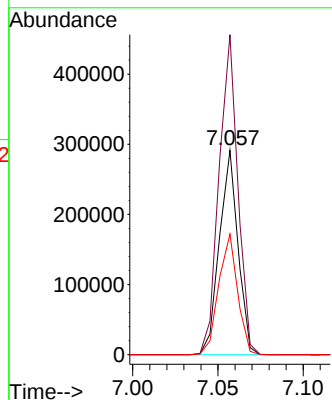
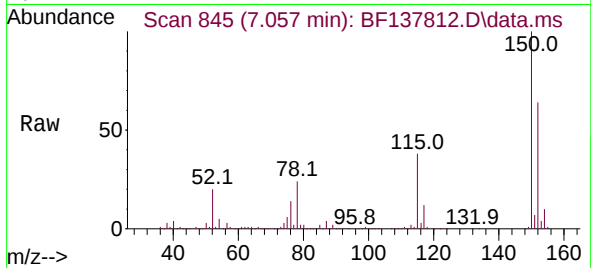




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

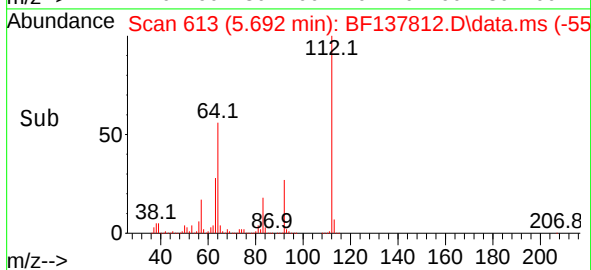
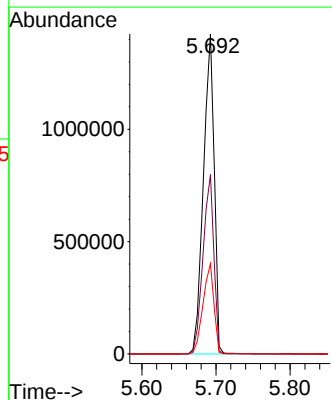
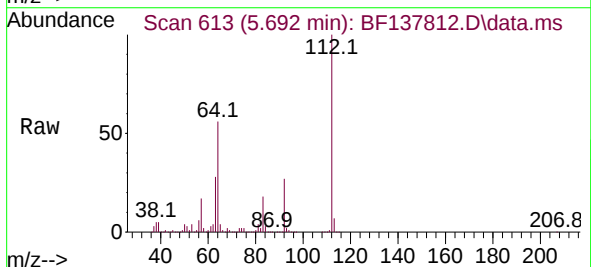
Instrument :
BNA_F
ClientSampleId :
TP-1

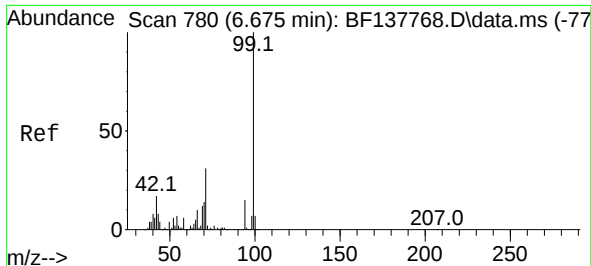
Tgt Ion:152 Resp: 221660
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 109.500 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Tgt Ion:112 Resp: 1449676
Ion Ratio Lower Upper
112 100
64 56.0 47.3 70.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 108.152 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

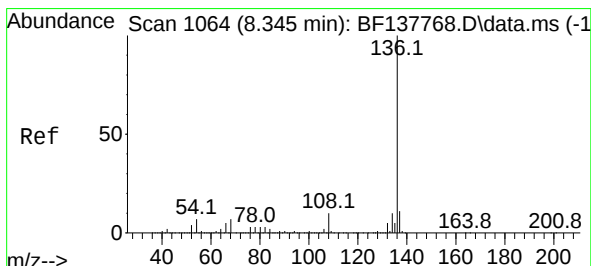
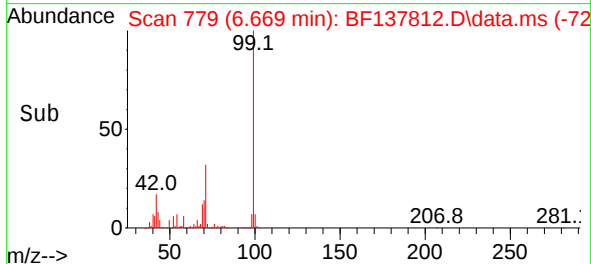
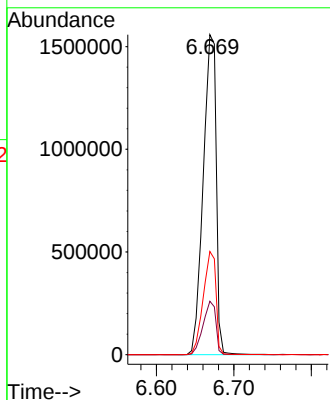
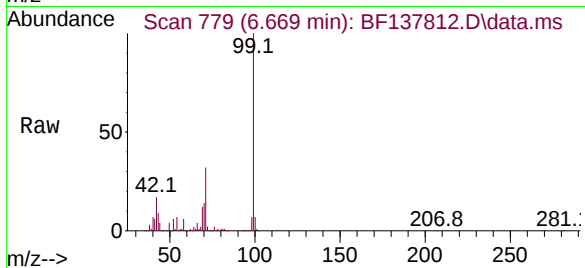
BNA_F

ClientSampleId :

TP-1

Tgt Ion: 99 Resp: 1816144

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.2	19.8
71	32.3	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

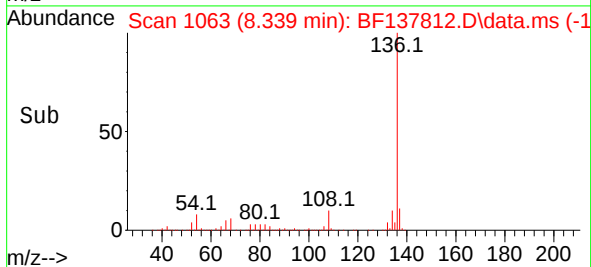
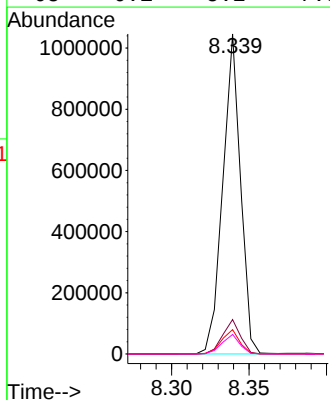
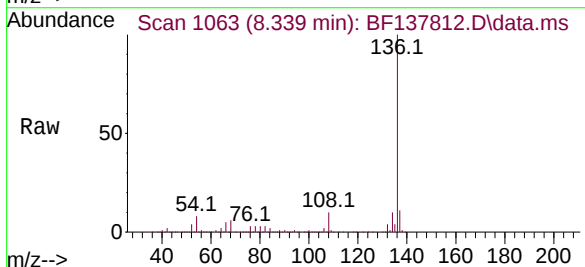
Delta R.T. -0.006 min

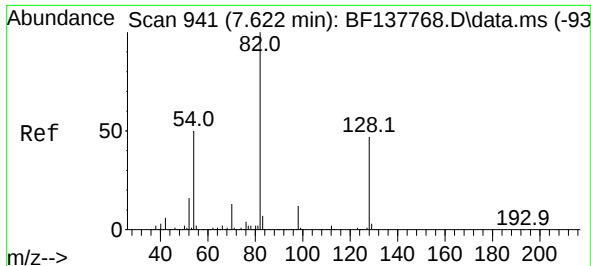
Lab File: BF137812.D

Acq: 02 May 2024 13:14

Tgt Ion: 136 Resp: 831495

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	5.8	8.8
68	6.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 88.734 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :

TP-1

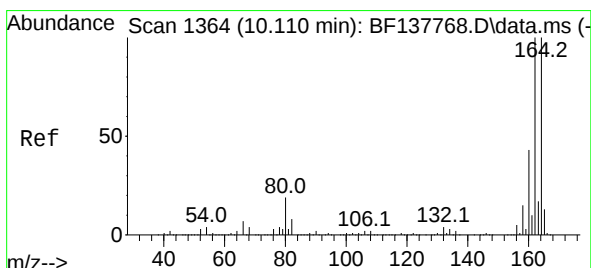
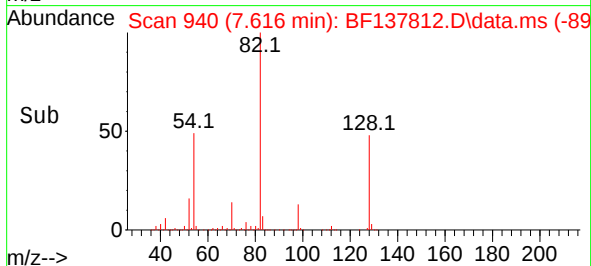
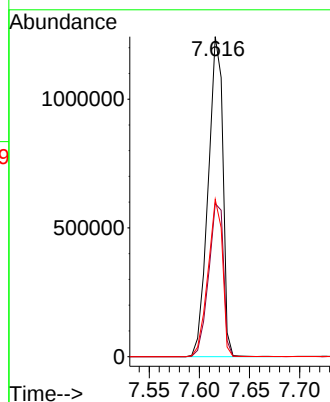
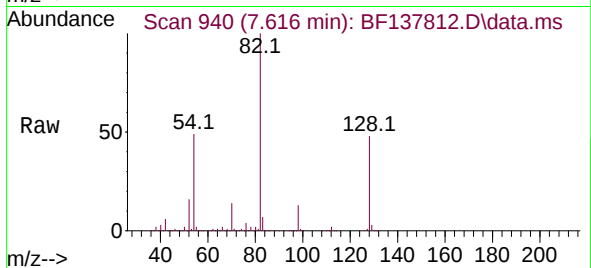
Tgt Ion: 82 Resp: 1269950

Ion Ratio Lower Upper

82 100

128 47.8 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: BF137812.D

Acq: 02 May 2024 13:14

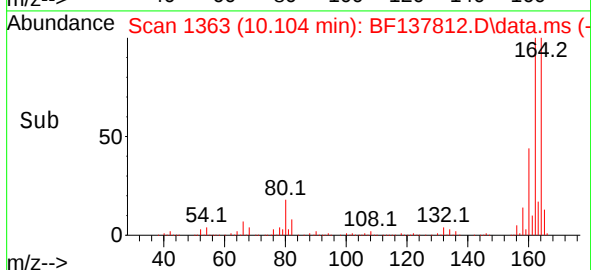
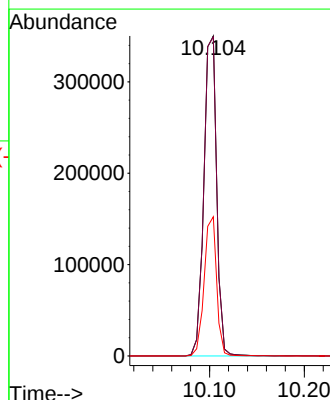
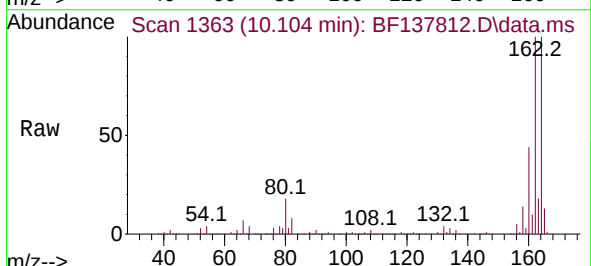
Tgt Ion:164 Resp: 327530

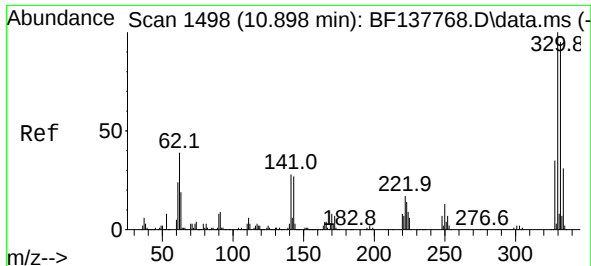
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 134.763 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.000 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :

TP-1

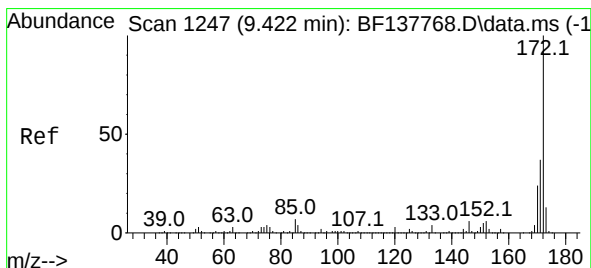
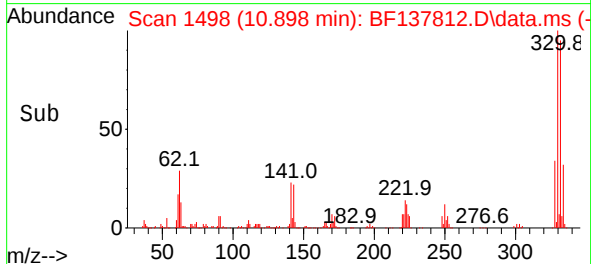
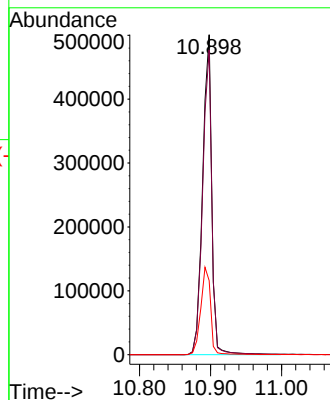
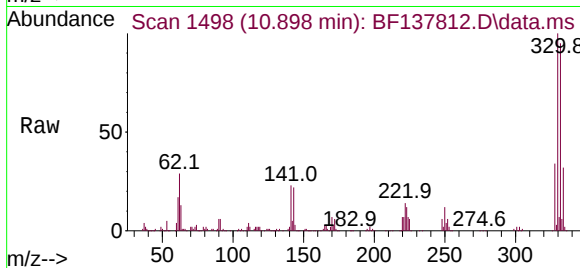
Tgt Ion:330 Resp: 450668

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 29.4 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 89.865 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

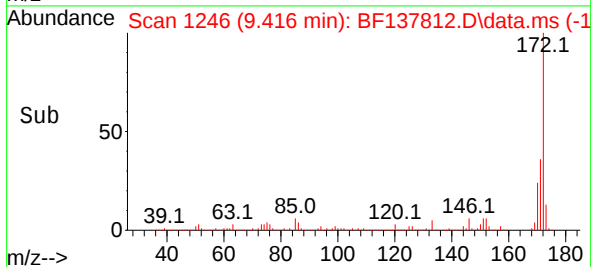
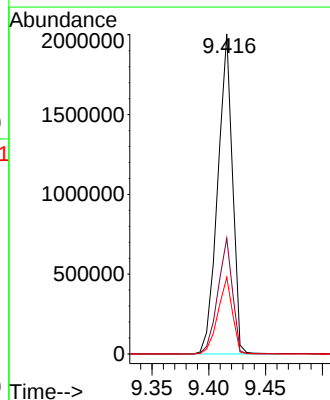
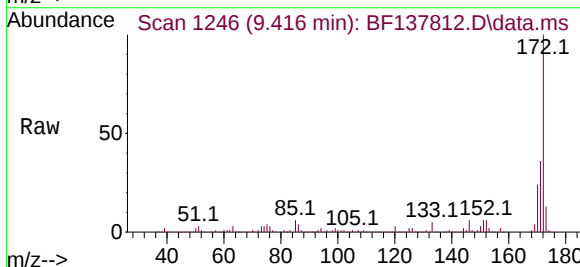
Tgt Ion:172 Resp: 1814229

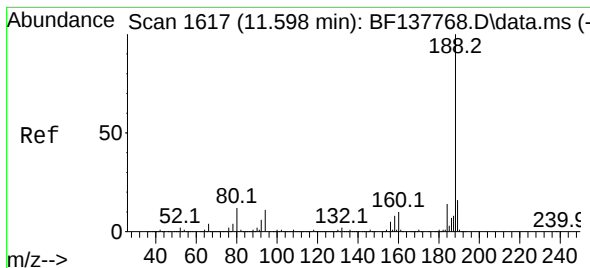
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 24.0 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: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :

TP-1

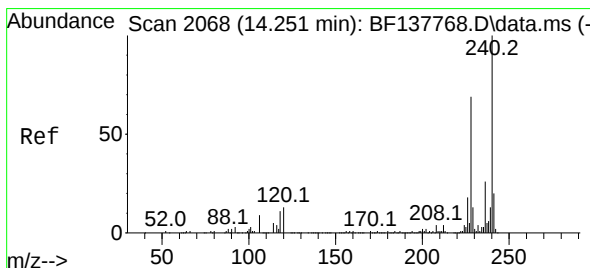
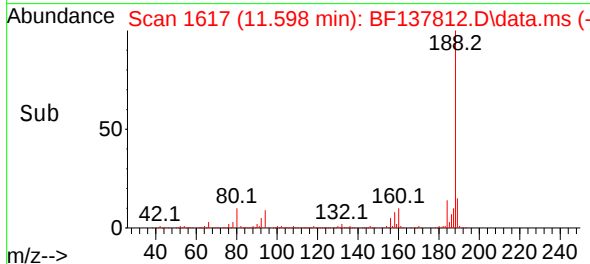
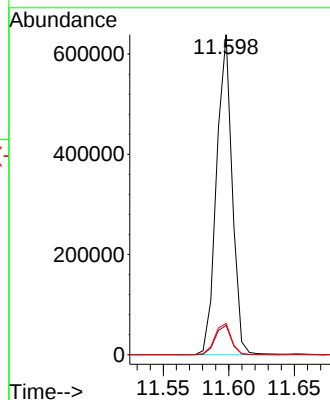
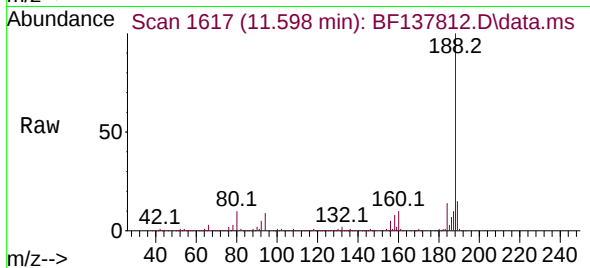
Tgt Ion:188 Resp: 528481

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 9.7 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: BF137812.D

Acq: 02 May 2024 13:14

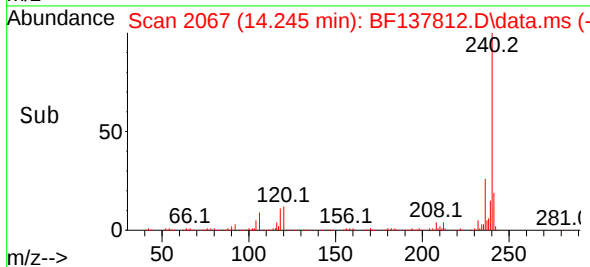
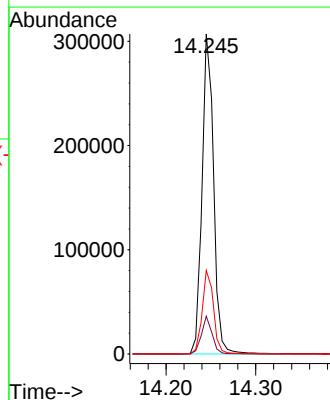
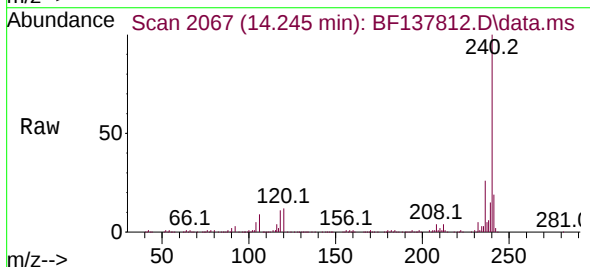
Tgt Ion:240 Resp: 274784

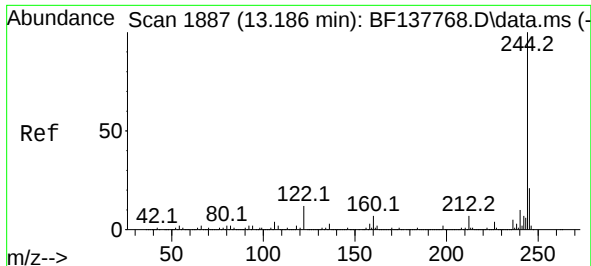
Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

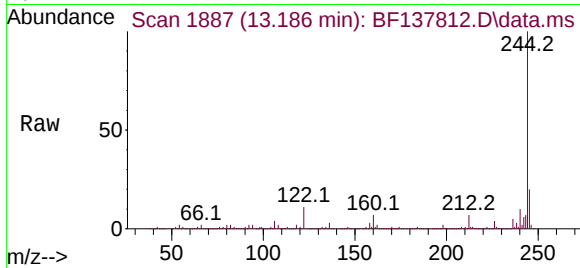
236 26.1 20.4 30.6



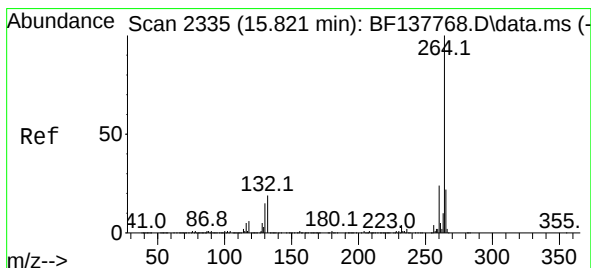
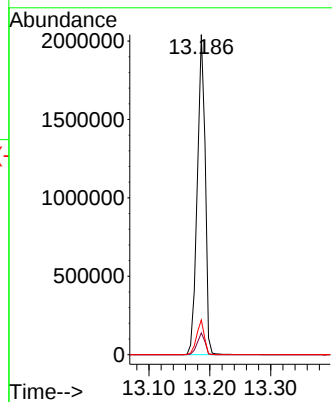
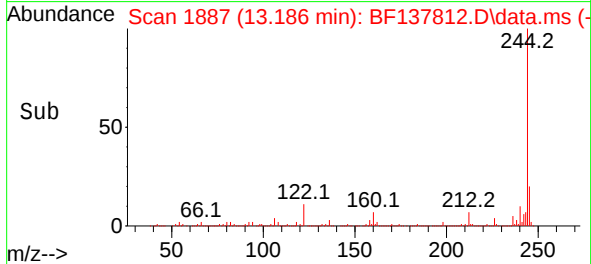


#79
 Terphenyl-d14
 Concen: 112.193 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137812.D
 Acq: 02 May 2024 13:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:244 Resp: 1839590
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.9 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: BF137812.D
 Acq: 02 May 2024 13:14

Tgt Ion:264 Resp: 246205
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.9 28.3
 265 20.7 17.4 26.0

