

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137798.D
Acq On : 01 May 2024 18:24
Operator : CG\JU
Sample : P2284-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: May 02 01:31:24 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	187848	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	738232	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	413391	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	702721	20.000	ng	0.00
76) Chrysene-d12	14.245	240	445216	20.000	ng	0.00
86) Perylene-d12	15.821	264	434884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	681389	60.732	ng	0.00
7) Phenol-d6	6.663	99	545674	38.344	ng	-0.01
23) Nitrobenzene-d5	7.616	82	1057329	83.211	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	536989	127.224	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2092209	82.109	ng	0.00
79) Terphenyl-d14	13.186	244	2311058	86.992	ng	0.00

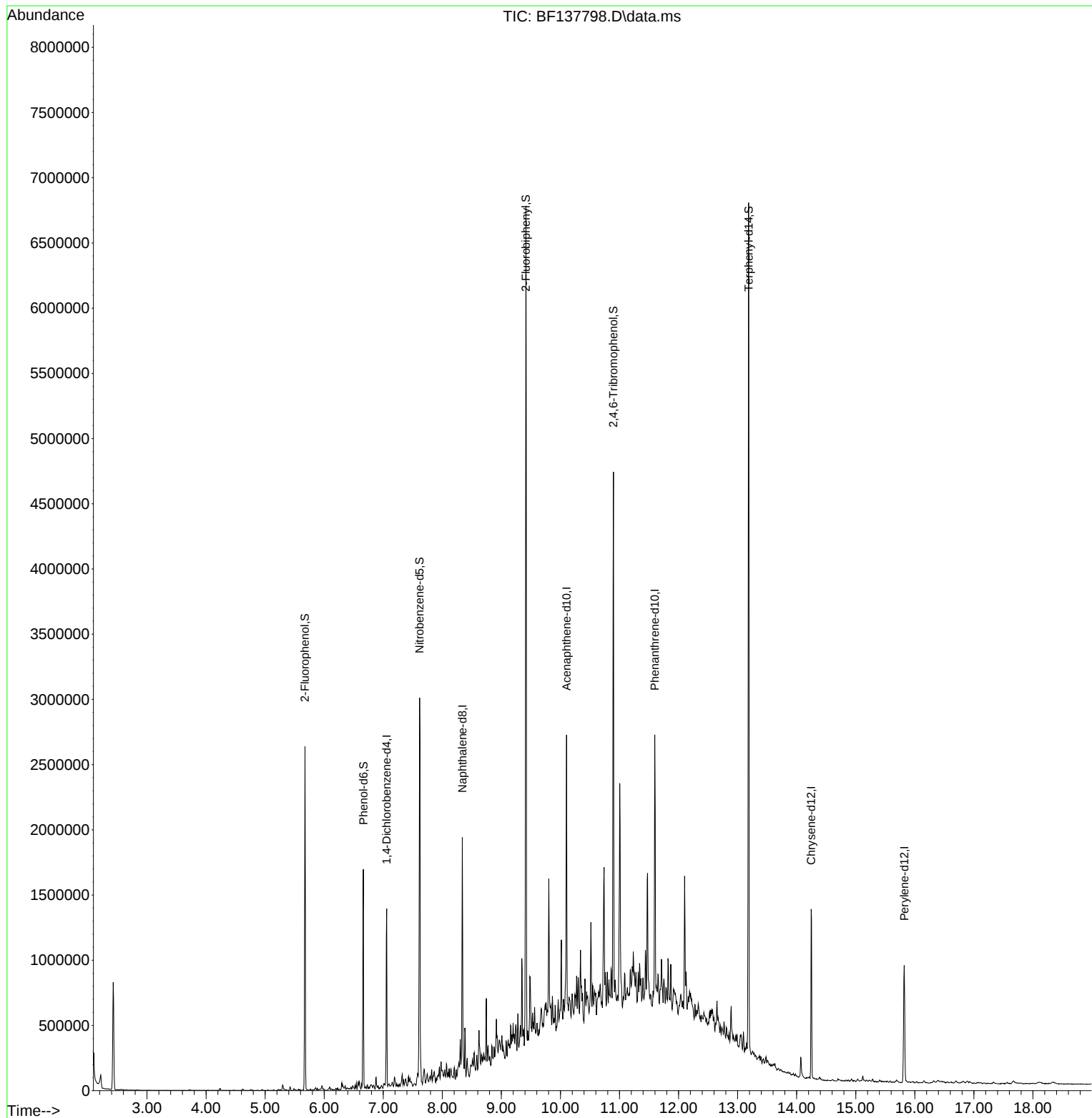
Target Compounds Qvalue

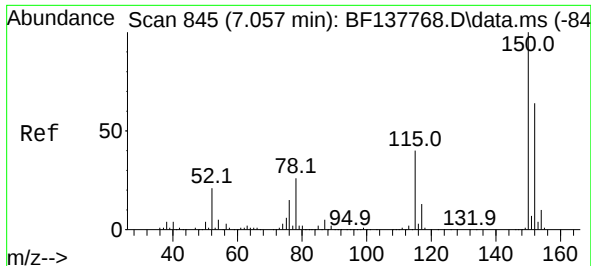
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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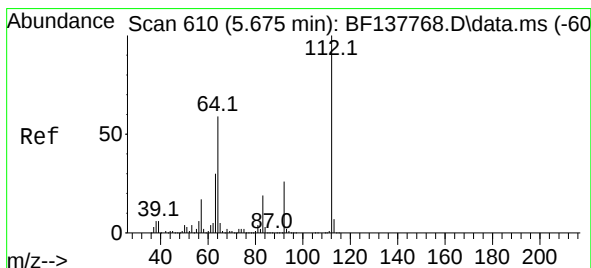
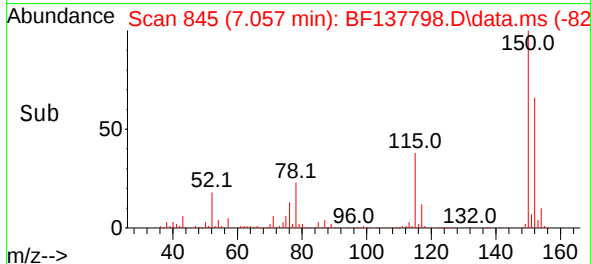
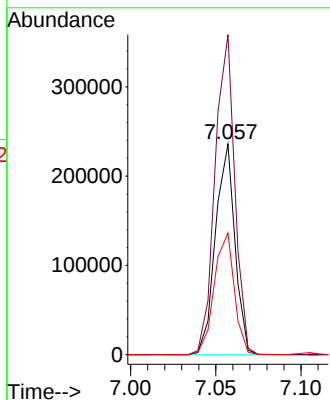
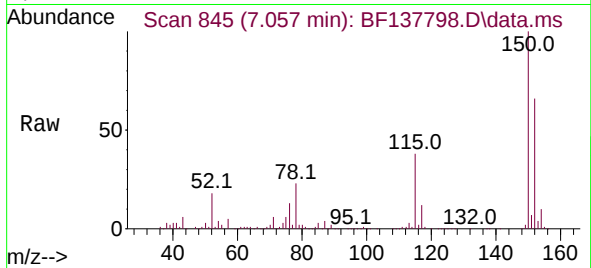




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137798.D
Acq: 01 May 2024 18:24

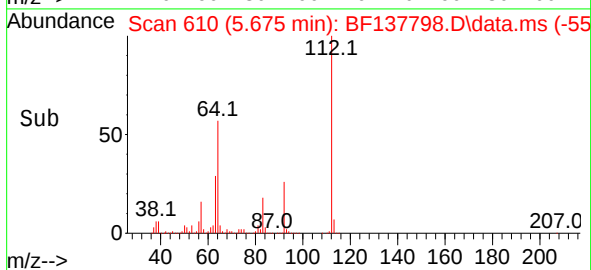
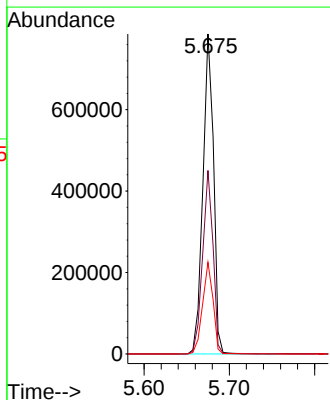
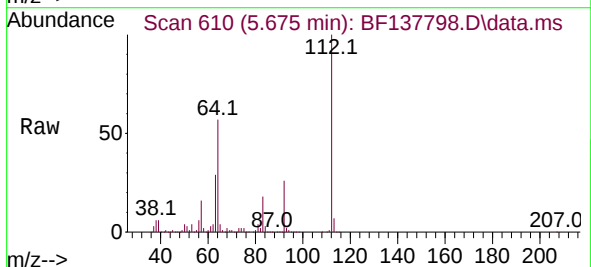
Instrument :
BNA_F
ClientSampleId :
MW-2

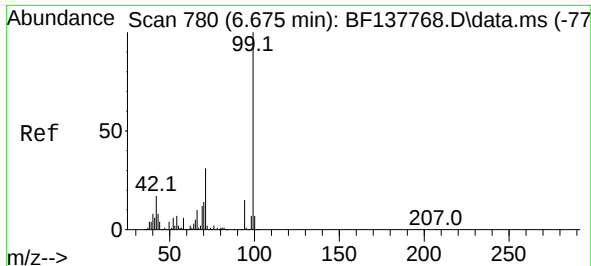
Tgt Ion:152 Resp: 187848
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 57.7 49.1 73.7



#5
2-Fluorophenol
Concen: 60.732 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137798.D
Acq: 01 May 2024 18:24

Tgt Ion:112 Resp: 681389
Ion Ratio Lower Upper
112 100
64 57.3 47.3 70.9
63 28.7 23.7 35.5





#7

Phenol-d6

Concen: 38.344 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137798.D

Acq: 01 May 2024 18:24

Instrument :

BNA_F

ClientSampleId :

MW-2

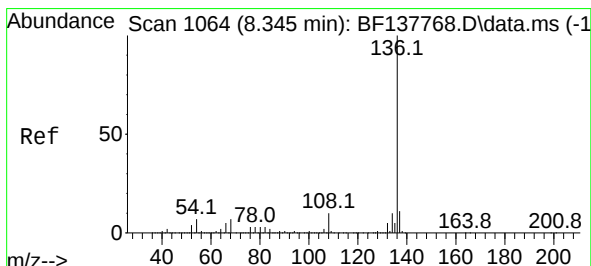
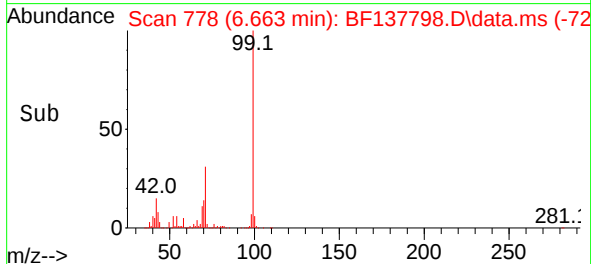
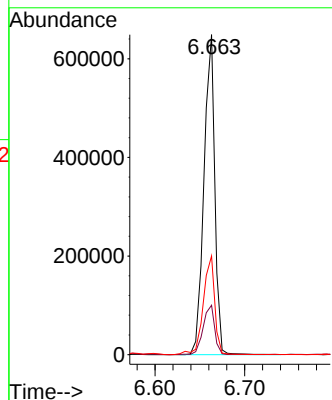
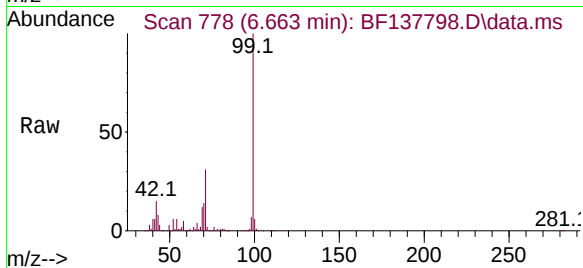
Tgt Ion: 99 Resp: 545674

Ion Ratio Lower Upper

99 100

42 15.4 13.2 19.8

71 30.9 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: BF137798.D

Acq: 01 May 2024 18:24

Tgt Ion: 136 Resp: 738232

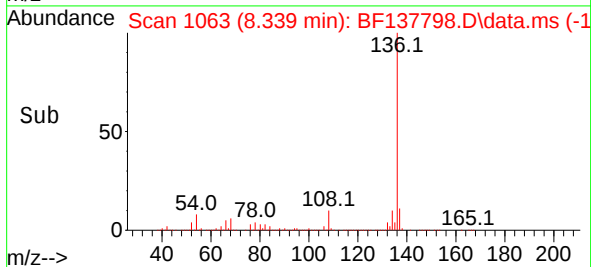
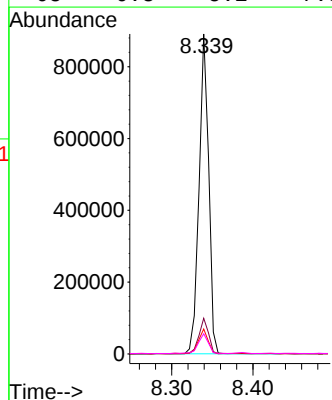
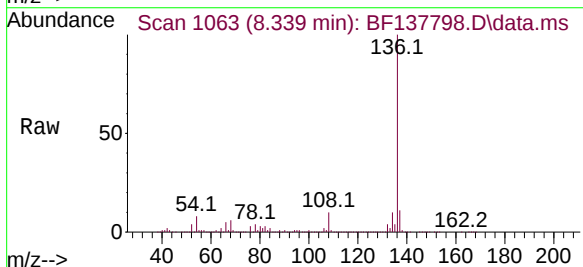
Ion Ratio Lower Upper

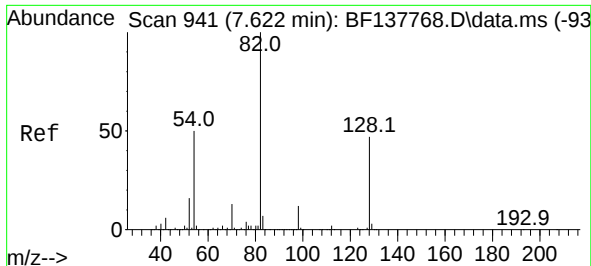
136 100

137 11.1 8.8 13.2

54 7.8 5.8 8.8

68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 83.211 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137798.D

Acq: 01 May 2024 18:24

Instrument :

BNA_F

ClientSampleId :

MW-2

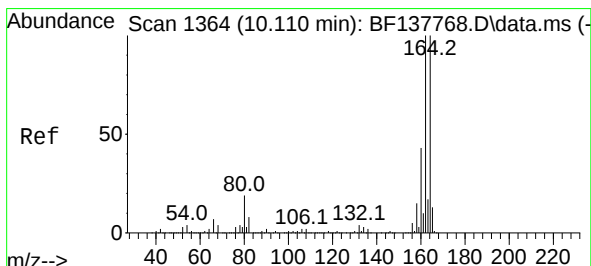
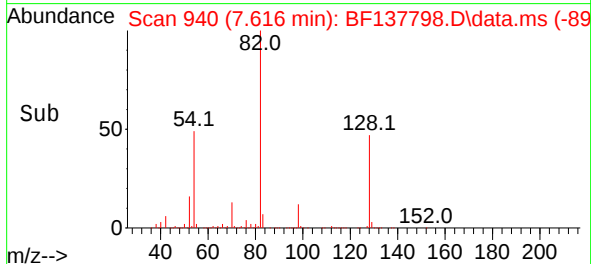
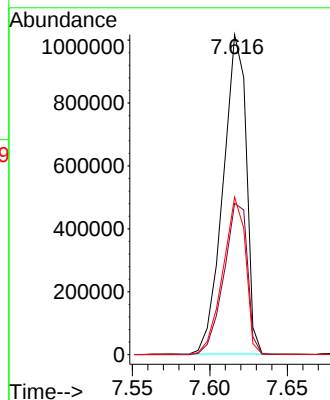
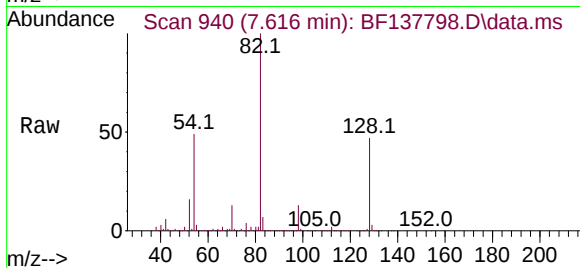
Tgt Ion: 82 Resp: 1057329

Ion Ratio Lower Upper

82 100

128 47.2 37.5 56.3

54 49.3 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: BF137798.D

Acq: 01 May 2024 18:24

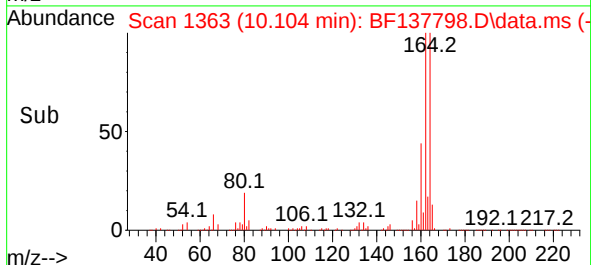
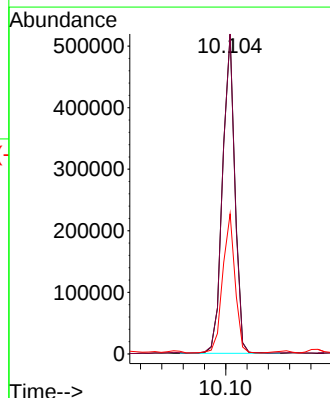
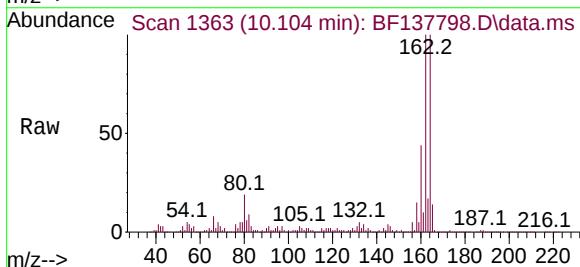
Tgt Ion:164 Resp: 413391

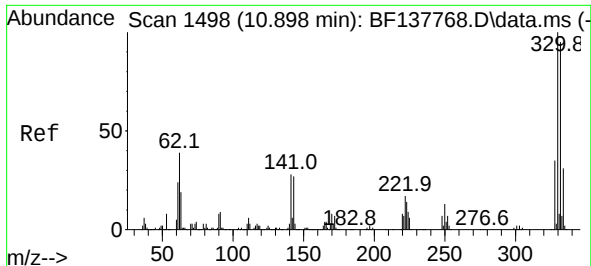
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.6

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 127.224 ng

RT: 10.898 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF137798.D

Acq: 01 May 2024 18:24

Instrument :

BNA_F

ClientSampleId :

MW-2

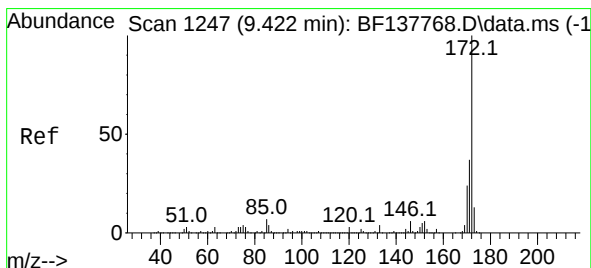
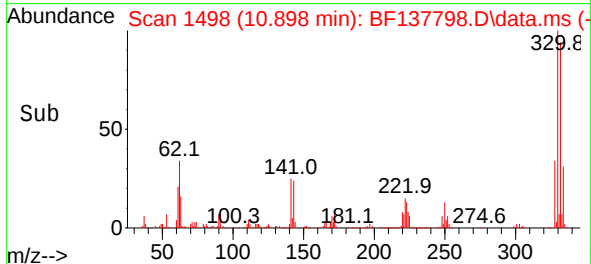
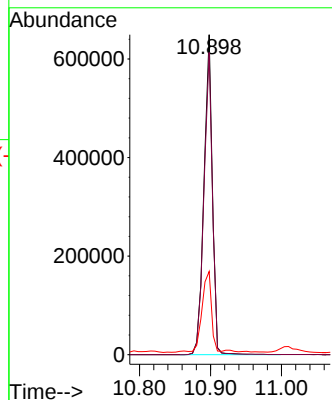
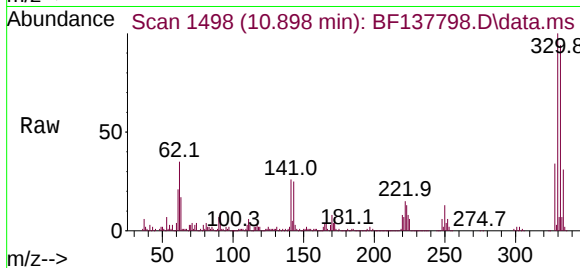
Tgt Ion:330 Resp: 536989

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 28.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.109 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137798.D

Acq: 01 May 2024 18:24

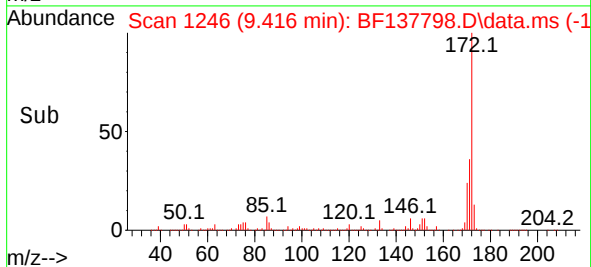
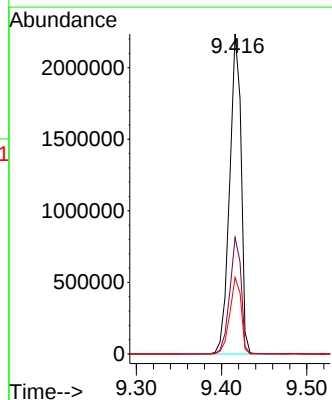
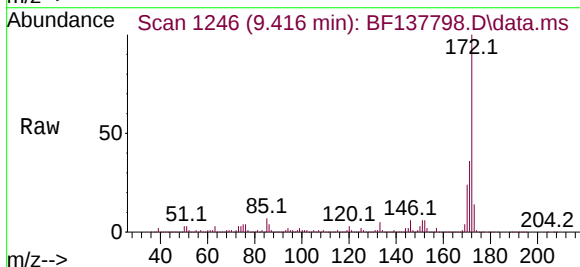
Tgt Ion:172 Resp: 2092209

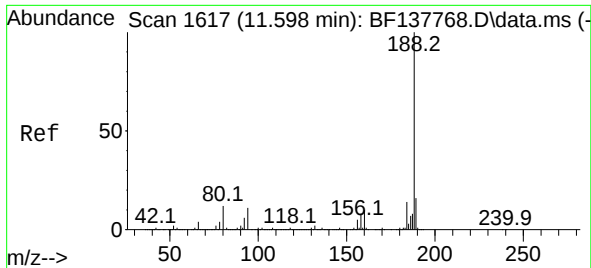
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.9 19.4 29.2

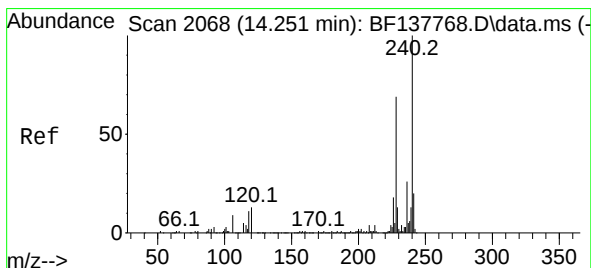
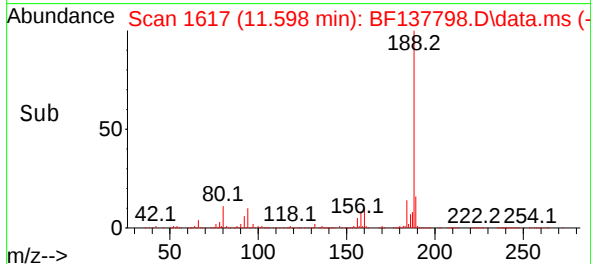
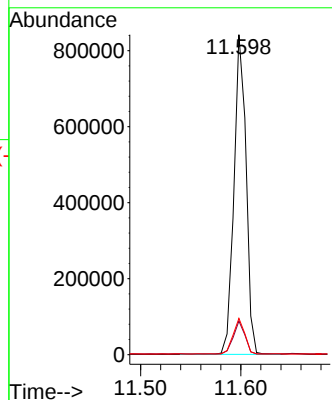
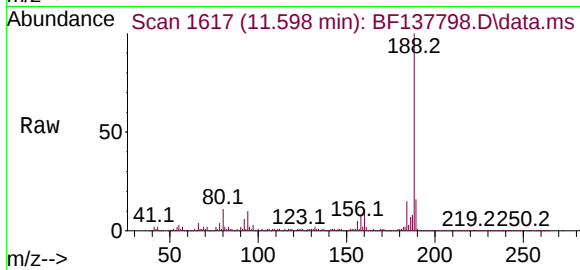




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF137798.D
Acq: 01 May 2024 18:24

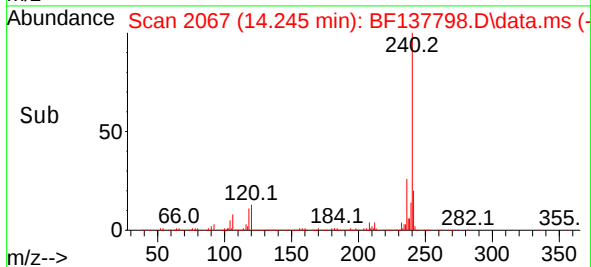
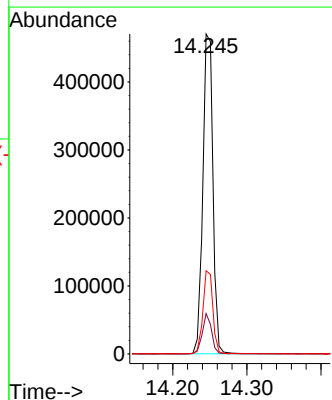
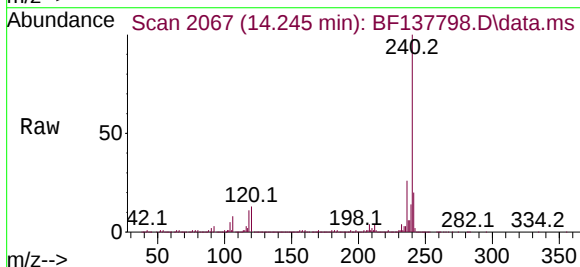
Instrument :
BNA_F
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MW-2

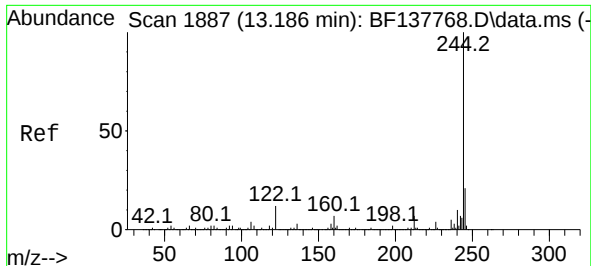
Tgt Ion:188 Resp: 702721
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 11.3 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137798.D
Acq: 01 May 2024 18:24

Tgt Ion:240 Resp: 445216
Ion Ratio Lower Upper
240 100
120 12.6 10.4 15.6
236 26.0 20.4 30.6

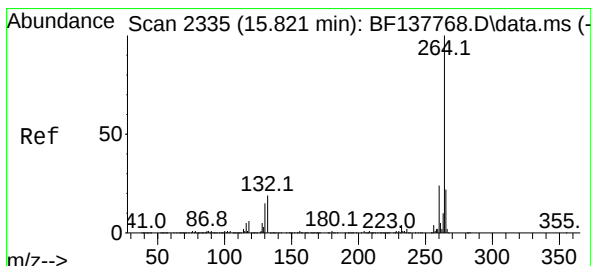
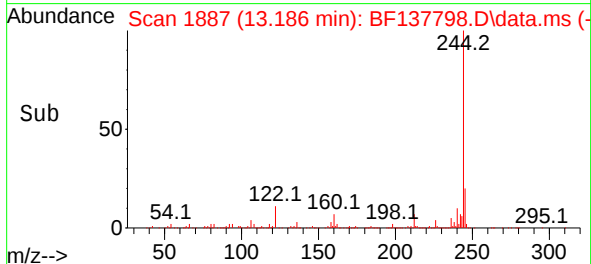
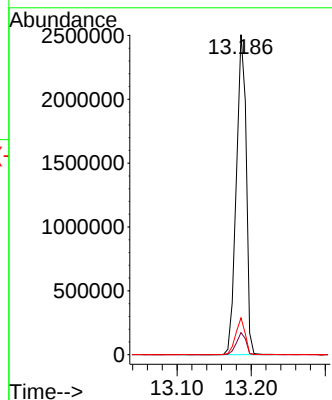
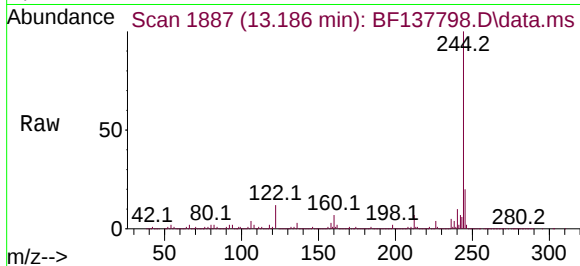




#79
 Terphenyl-d14
 Concen: 86.992 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137798.D
 Acq: 01 May 2024 18:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 2311058
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.5 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: BF137798.D
 Acq: 01 May 2024 18:24

Tgt Ion:264 Resp: 434884
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 22.1 17.4 26.0

