

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137800.D
Acq On : 01 May 2024 19:25
Operator : CG\JU
Sample : P2307-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: May 02 01:32:12 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	182002	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	701421	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	400803	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	693929	20.000	ng	0.00
76) Chrysene-d12	14.245	240	418462	20.000	ng	0.00
86) Perylene-d12	15.821	264	407478	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1336191	122.920	ng	0.02
7) Phenol-d6	6.675	99	1564521	113.469	ng	0.00
23) Nitrobenzene-d5	7.616	82	1065619	88.264	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	566127	138.340	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2138282	86.553	ng	0.00
79) Terphenyl-d14	13.186	244	2483807	99.472	ng	0.00

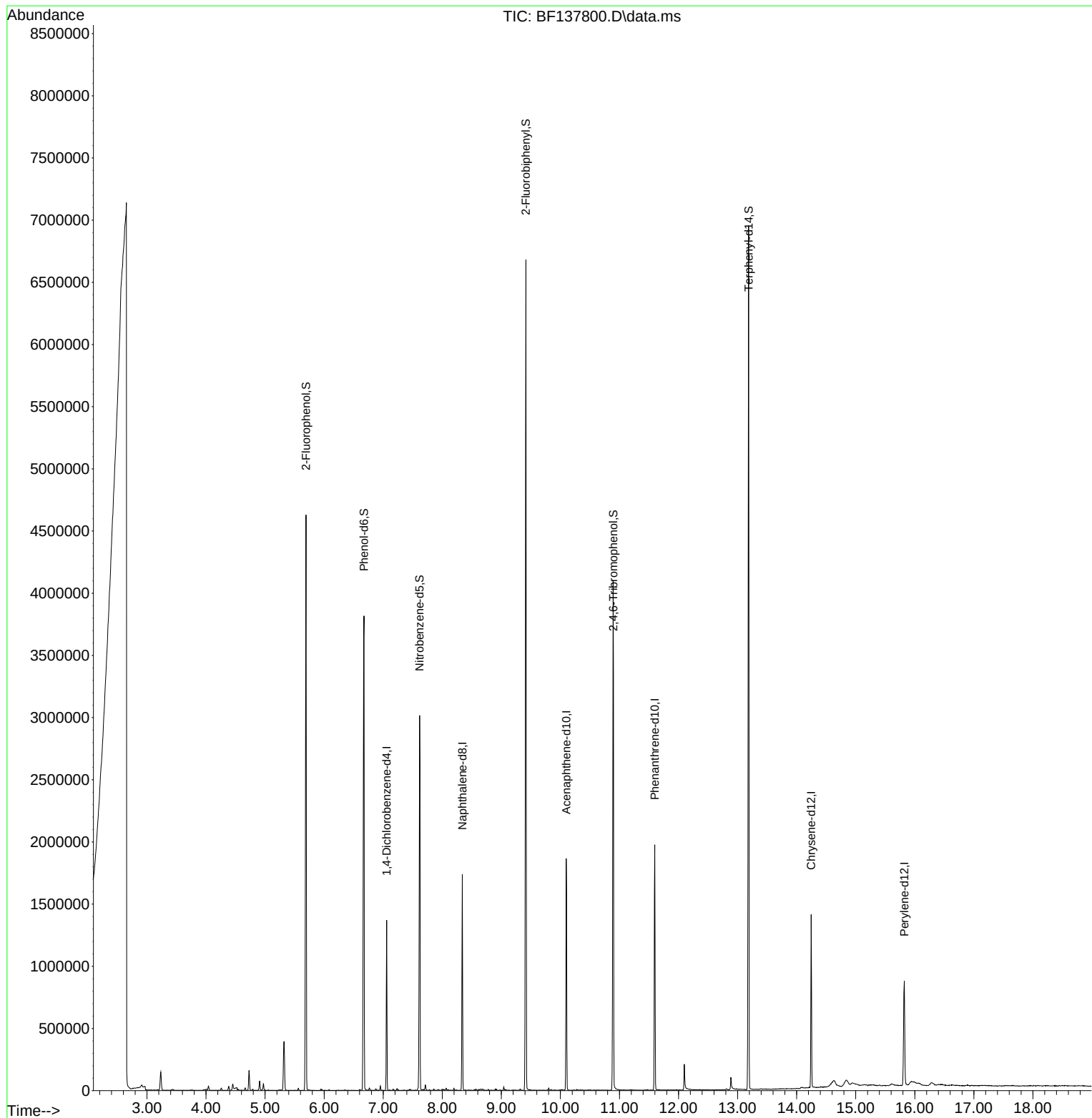
Target Compounds	Qvalue

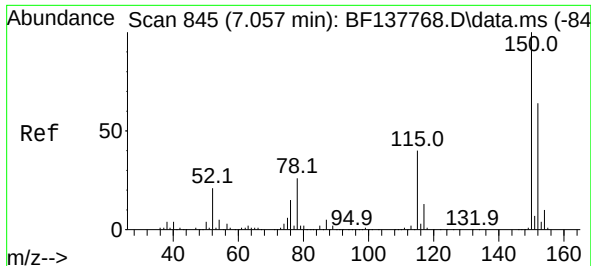
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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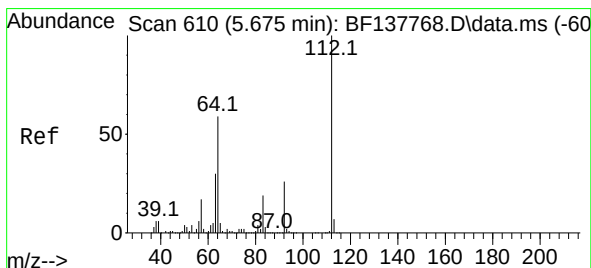
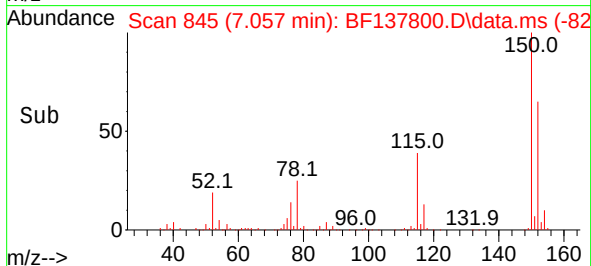
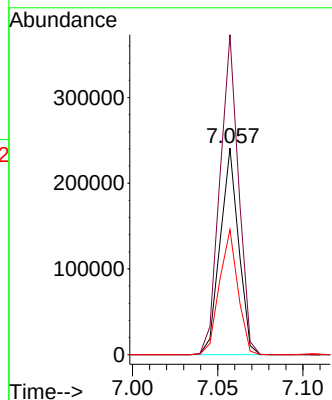
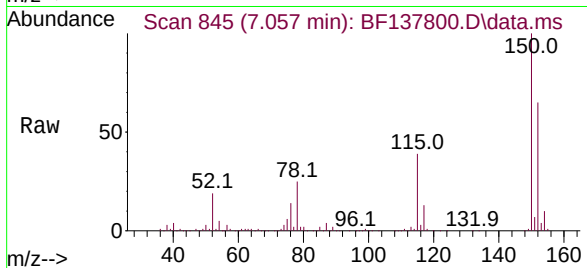




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

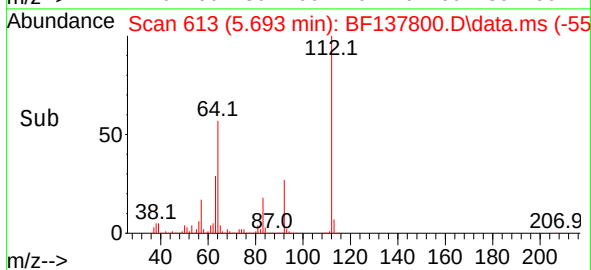
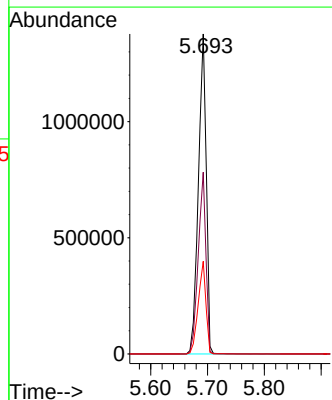
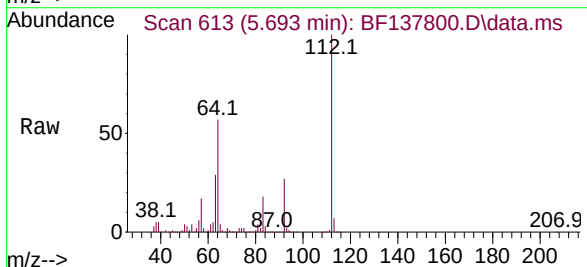
Instrument :
BNA_F
ClientSampleId :
WC-1

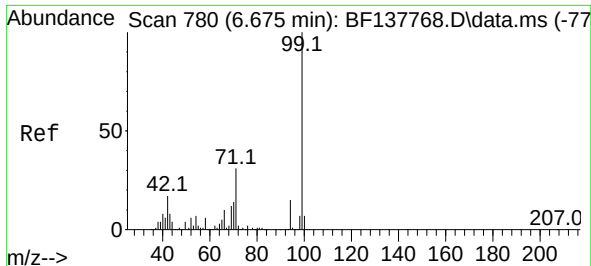
Tgt Ion:152 Resp: 182002
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 60.5 49.1 73.7



#5
2-Fluorophenol
Concen: 122.920 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Tgt Ion:112 Resp: 1336191
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.0 23.7 35.5



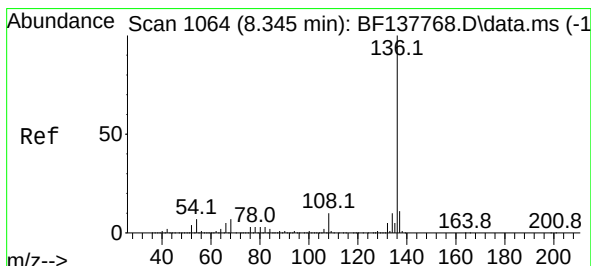
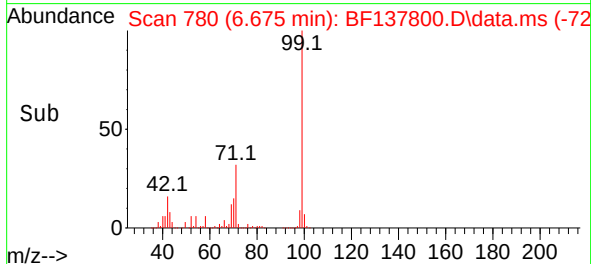
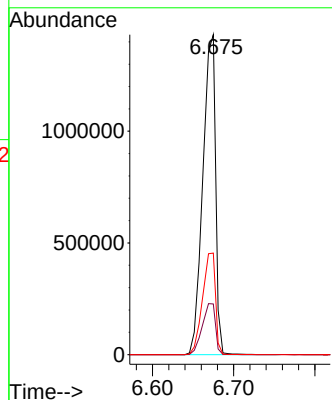
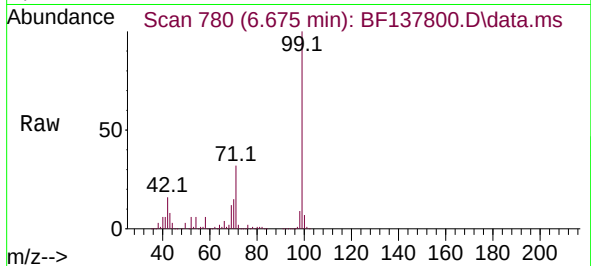


#7
Phenol-d6
Concen: 113.469 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 99 Resp: 1564521

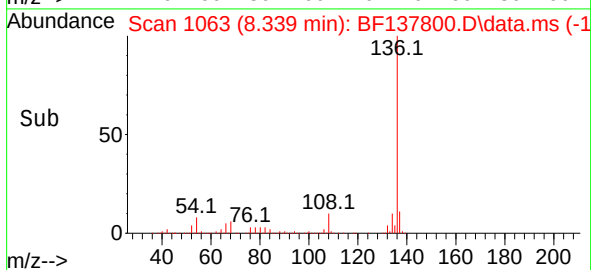
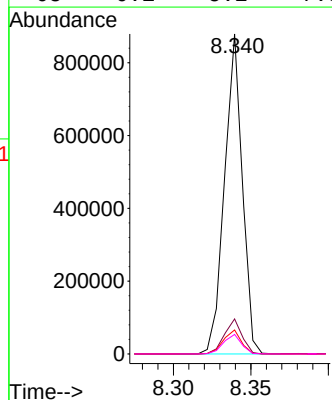
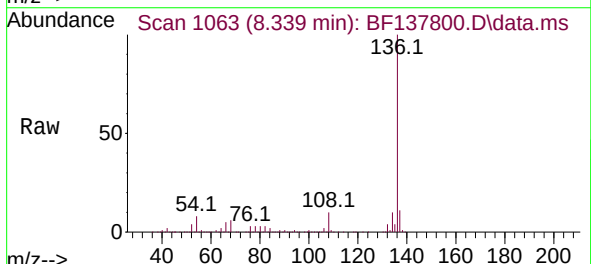
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.2	19.8
71	31.7	25.0	37.4

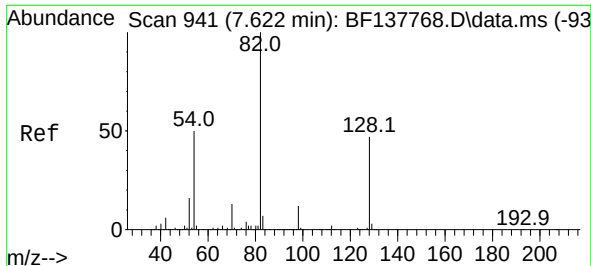


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137800.D
Acq: 01 May 2024 19:25

Tgt Ion: 136 Resp: 701421

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.8	8.8
68	6.1	5.2	7.8





#23

Nitrobenzene-d5

Concen: 88.264 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

WC-1

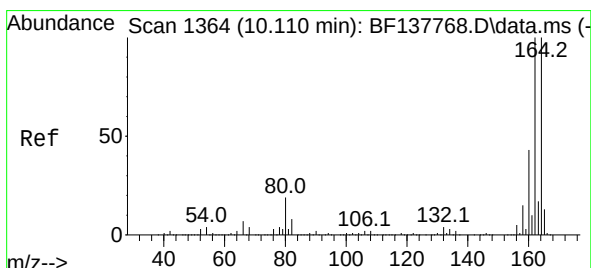
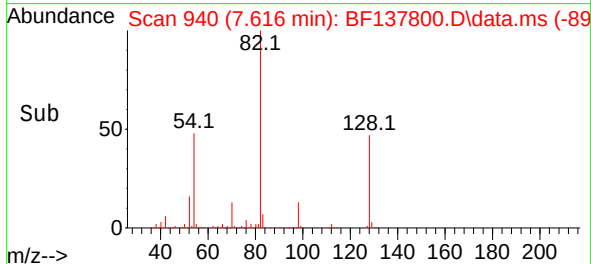
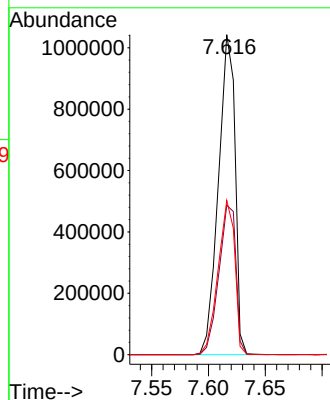
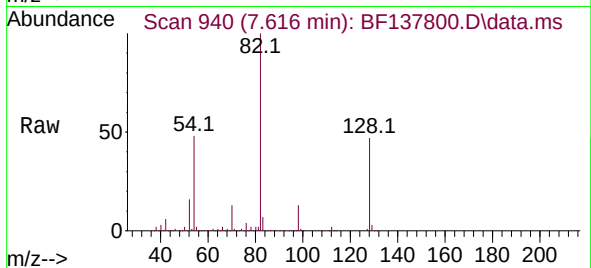
Tgt Ion: 82 Resp: 1065619

Ion Ratio Lower Upper

82 100

128 46.7 37.5 56.3

54 48.2 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: BF137800.D

Acq: 01 May 2024 19:25

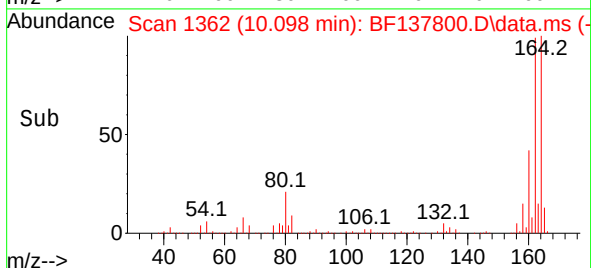
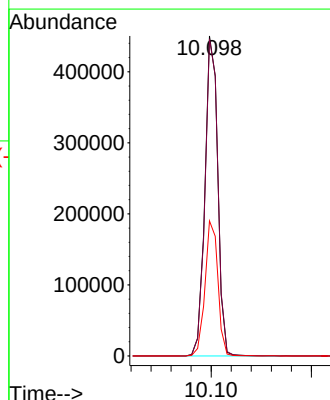
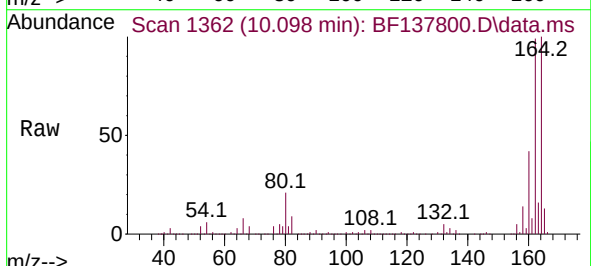
Tgt Ion:164 Resp: 400803

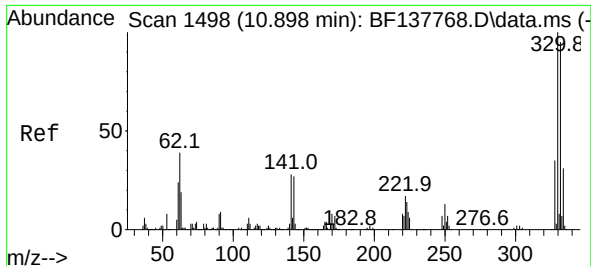
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.6

160 42.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 138.340 ng

RT: 10.898 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

WC-1

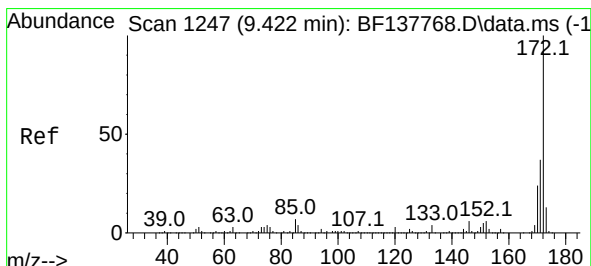
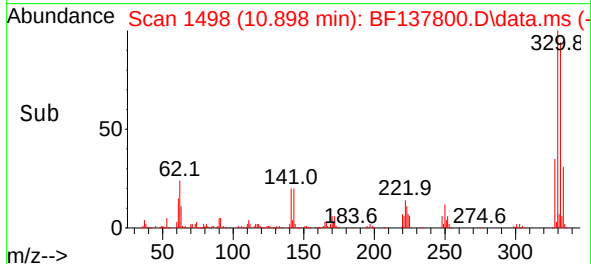
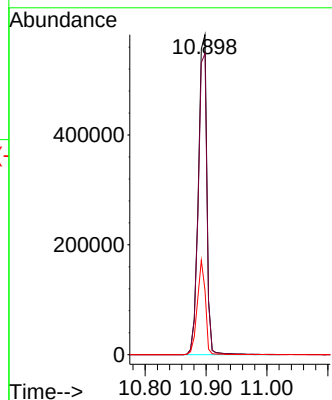
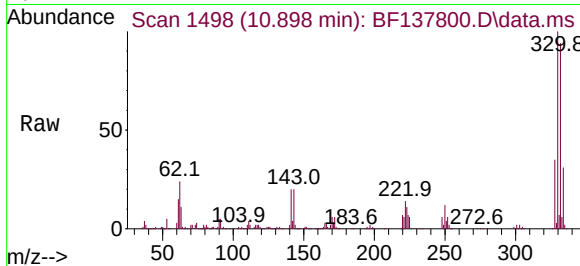
Tgt Ion:330 Resp: 566127

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 28.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 86.553 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137800.D

Acq: 01 May 2024 19:25

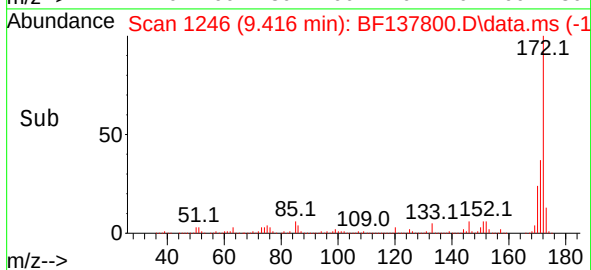
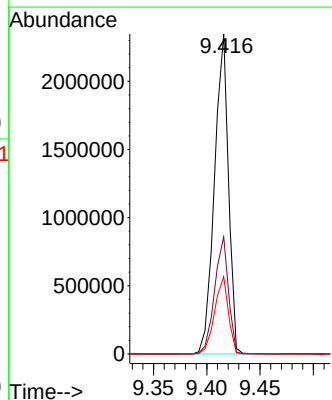
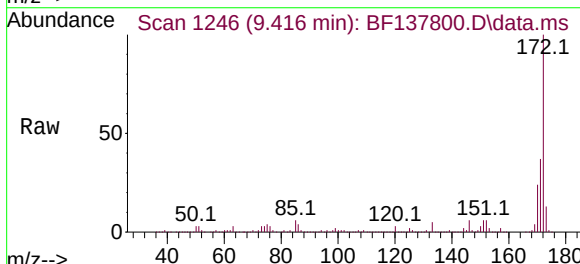
Tgt Ion:172 Resp: 2138282

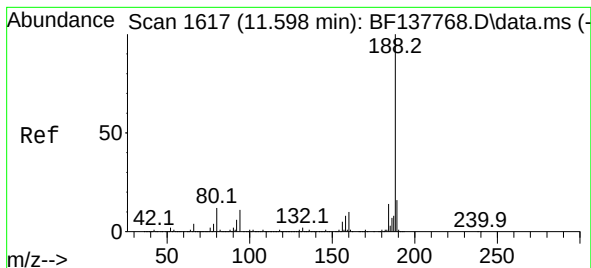
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.1 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: BF137800.D

Acq: 01 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

WC-1

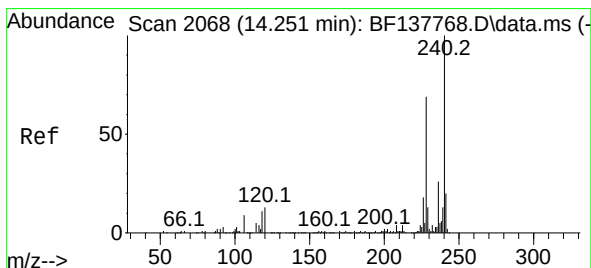
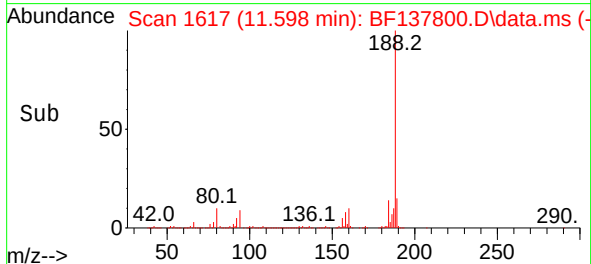
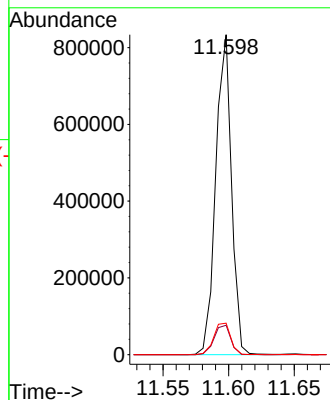
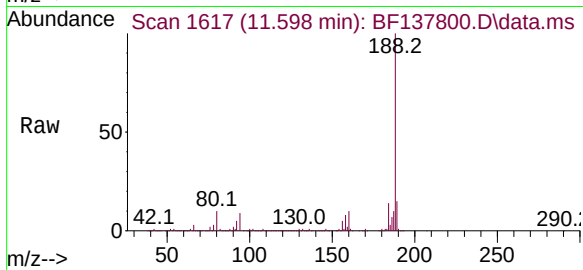
Tgt Ion:188 Resp: 693929

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 9.9 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: BF137800.D

Acq: 01 May 2024 19:25

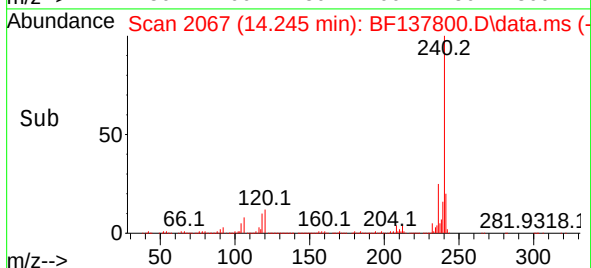
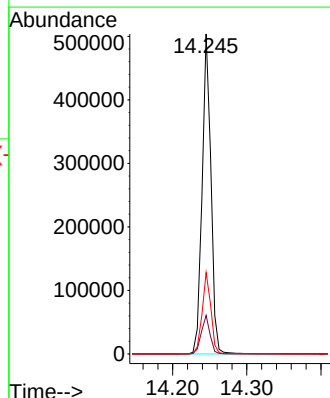
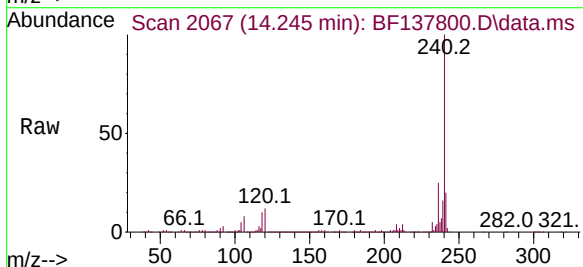
Tgt Ion:240 Resp: 418462

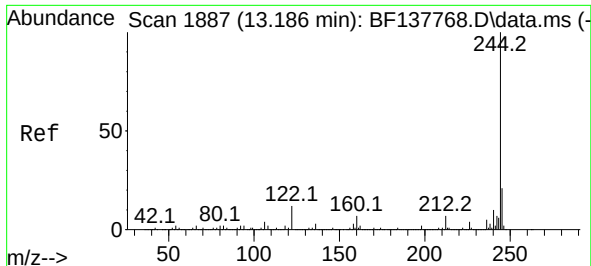
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.4 20.4 30.6

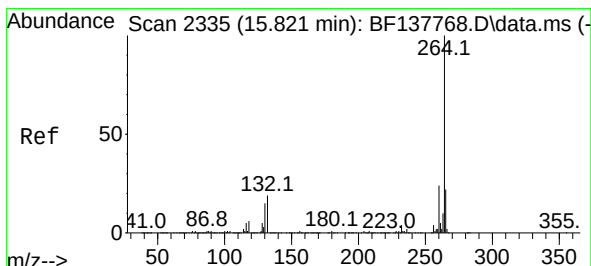
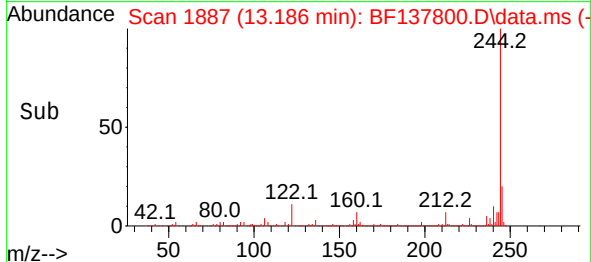
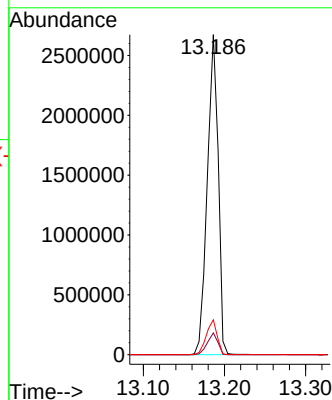
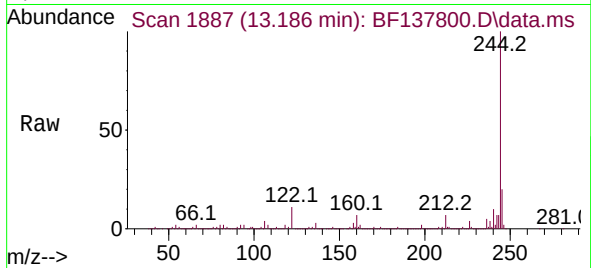




#79
 Terphenyl-d14
 Concen: 99.472 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137800.D
 Acq: 01 May 2024 19:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 2483807
 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: BF137800.D
 Acq: 01 May 2024 19:25

Tgt Ion:264 Resp: 407478
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.3 17.4 26.0

