

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138067.D
 Acq On : 30 May 2024 11:02
 Operator : CG\JU
 Sample : PB161191BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161191BL

Quant Time: May 30 11:50:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	87560	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	343088	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	193241	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	326119	20.000	ng	0.00
76) Chrysene-d12	14.233	240	186300	20.000	ng	0.00
86) Perylene-d12	15.804	264	174694	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	674785	130.907	ng	0.01
7) Phenol-d6	6.657	99	808803	127.375	ng	0.00
23) Nitrobenzene-d5	7.598	82	495894	85.062	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	291138	149.421	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1151687	91.805	ng	0.00
79) Terphenyl-d14	13.168	244	1171497	92.676	ng	0.00

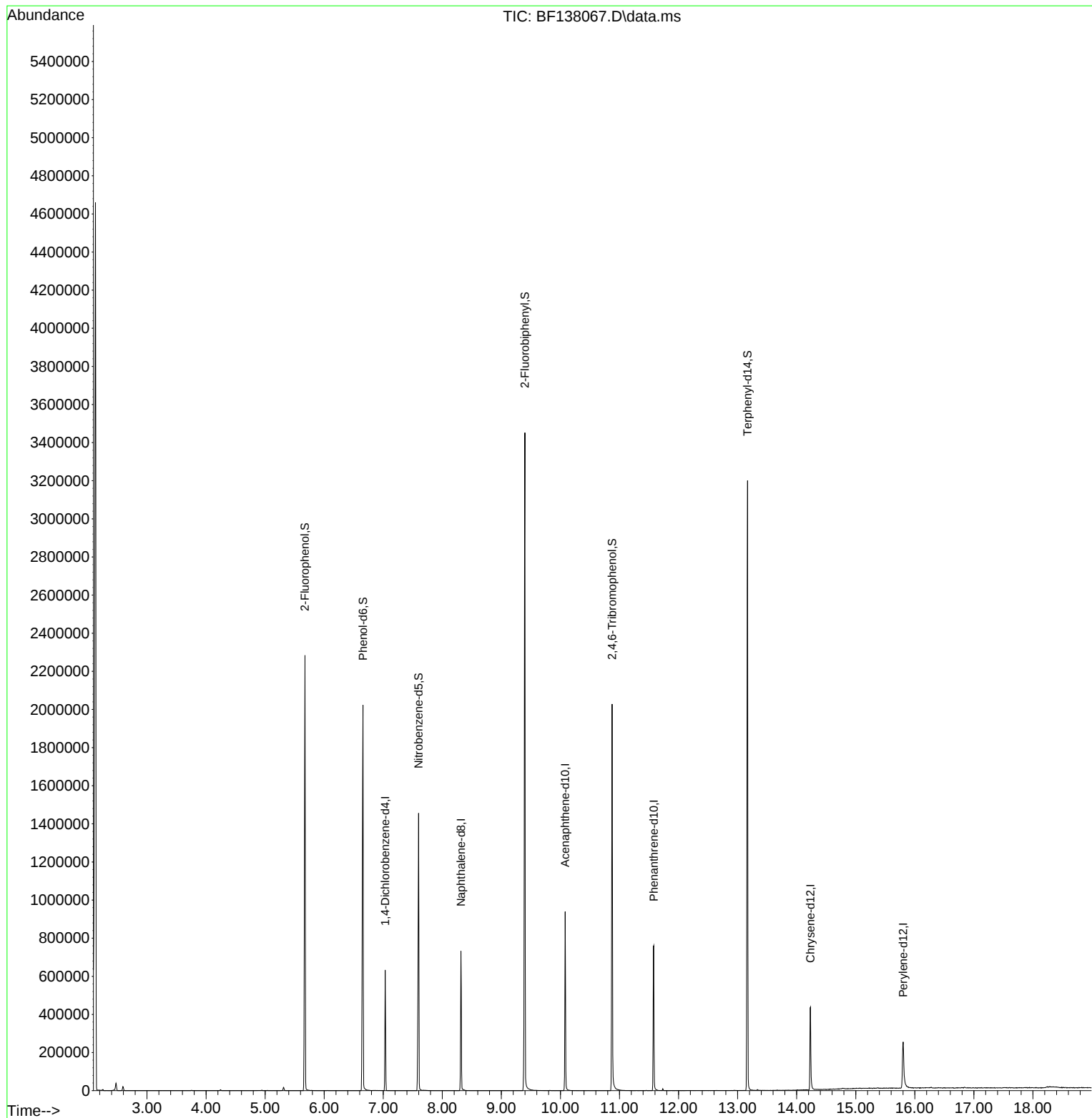
Target Compounds	Qvalue

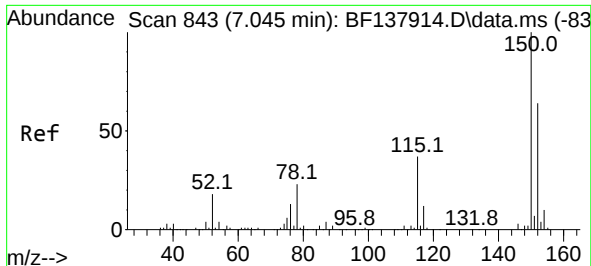
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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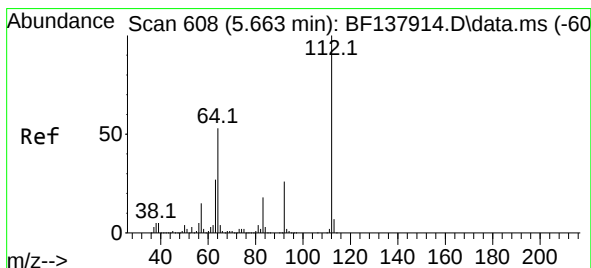
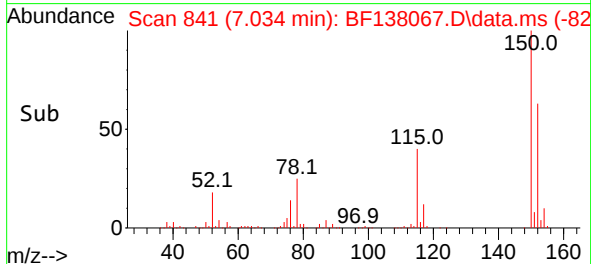
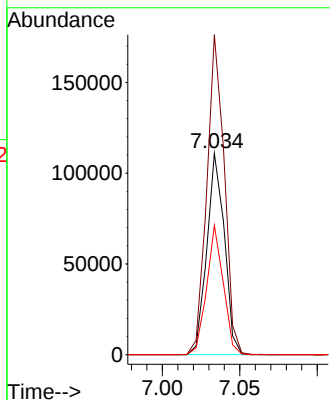
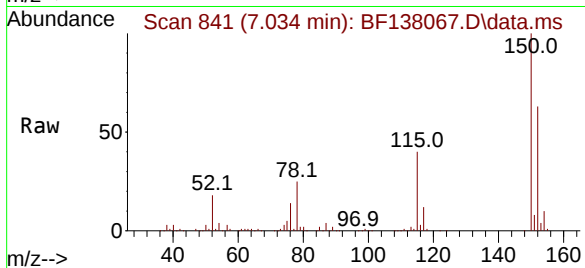




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

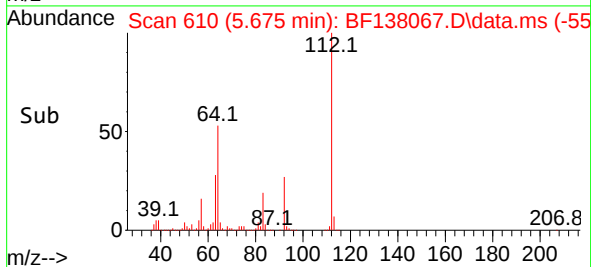
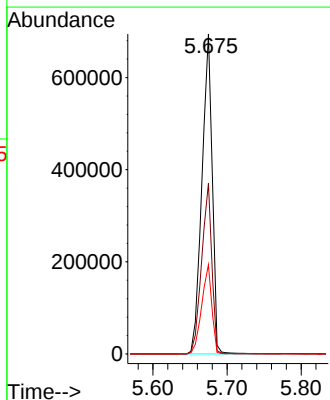
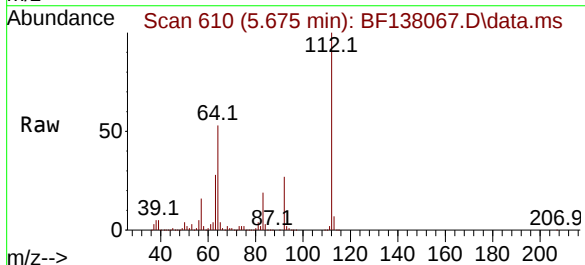
Instrument :
BNA_F
ClientSampleId :
PB161191BL

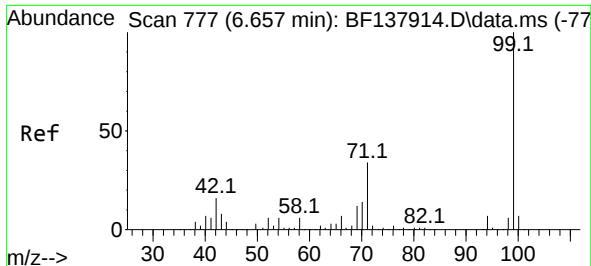
Tgt Ion:152 Resp: 87560
Ion Ratio Lower Upper
152 100
150 158.9 125.7 188.5
115 64.2 47.0 70.6



#5
2-Fluorophenol
Concen: 130.907 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:112 Resp: 674785
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 27.9 21.4 32.2

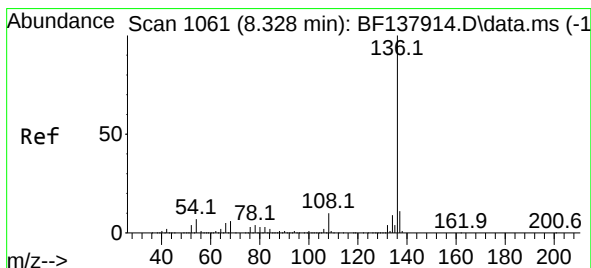
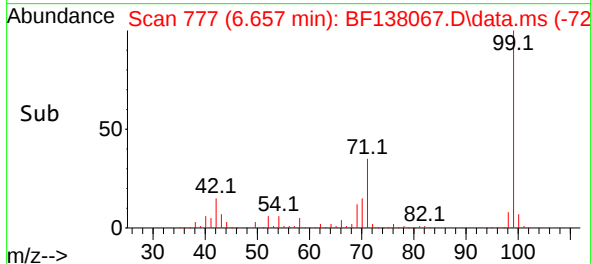
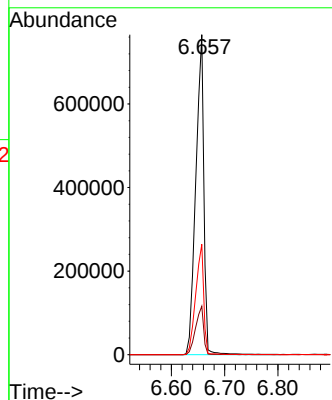
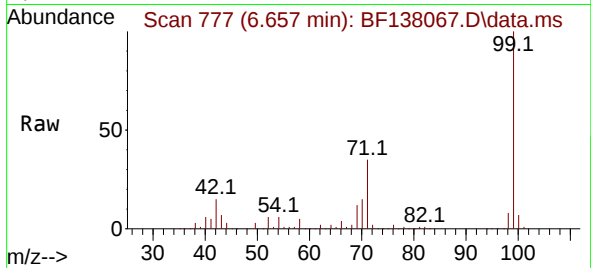




#7
Phenol-d6
Concen: 127.375 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

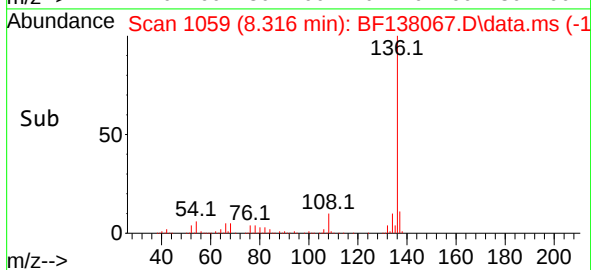
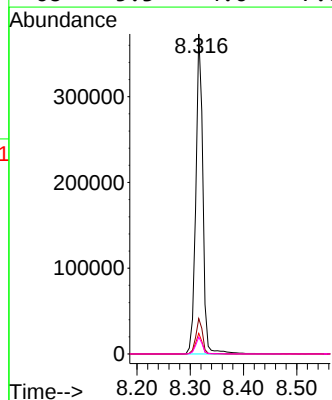
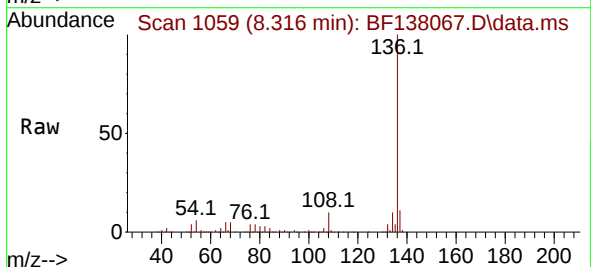
Instrument :
BNA_F
ClientSampleId :
PB161191BL

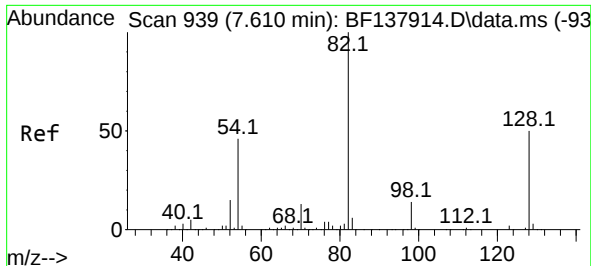
Tgt Ion: 99 Resp: 808803
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 34.5 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion: 136 Resp: 343088
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.5 5.4 8.2
68 5.3 4.6 7.0

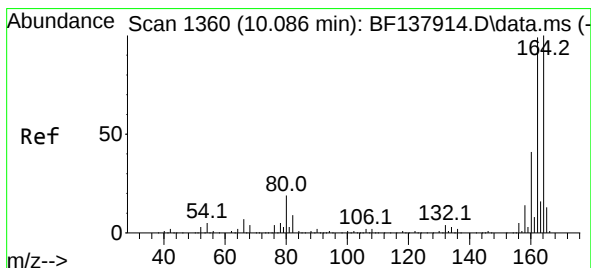
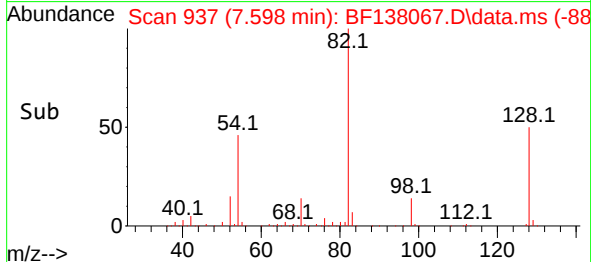
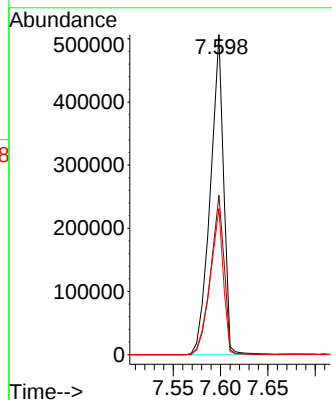
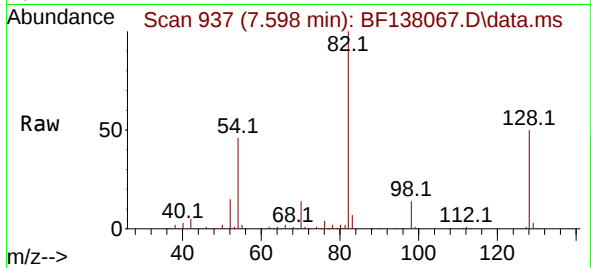




#23
Nitrobenzene-d5
Concen: 85.062 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

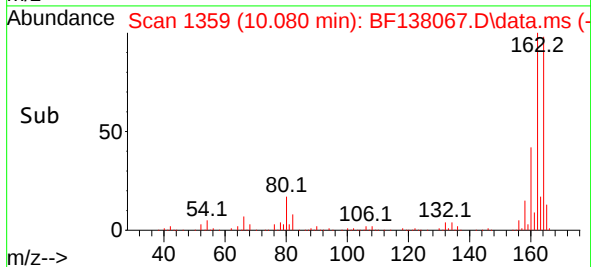
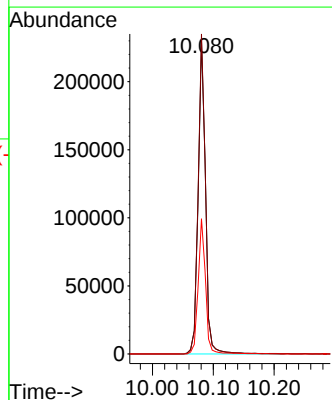
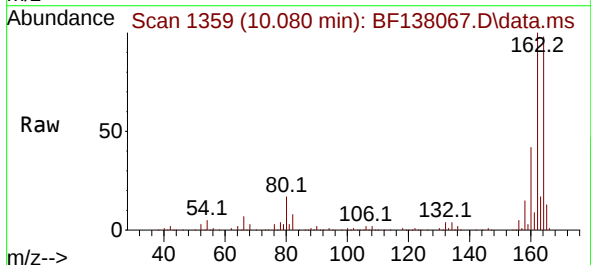
Instrument :
BNA_F
ClientSampleId :
PB161191BL

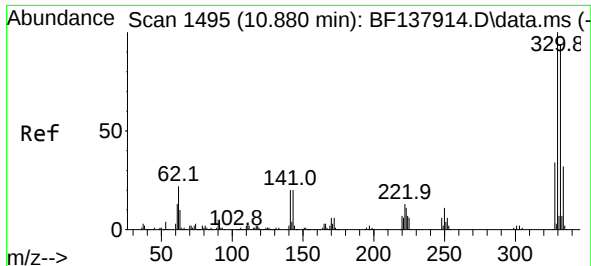
Tgt Ion: 82 Resp: 495894
Ion Ratio Lower Upper
82 100
128 49.8 40.3 60.5
54 45.6 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138067.D
Acq: 30 May 2024 11:02

Tgt Ion:164 Resp: 193241
Ion Ratio Lower Upper
164 100
162 102.0 79.4 119.2
160 43.1 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 149.421 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138067.D

Acq: 30 May 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB161191BL

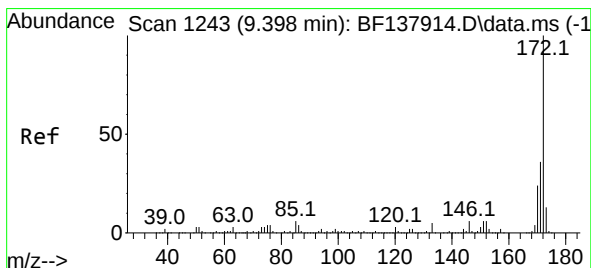
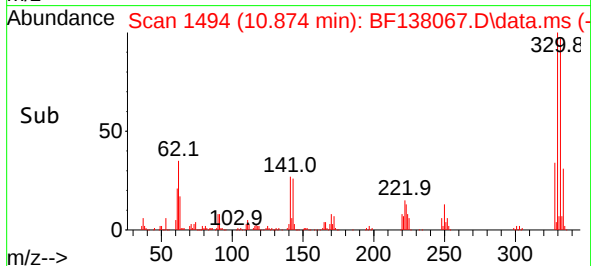
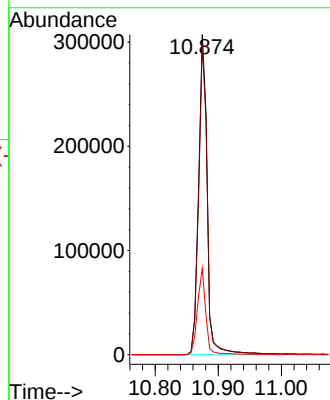
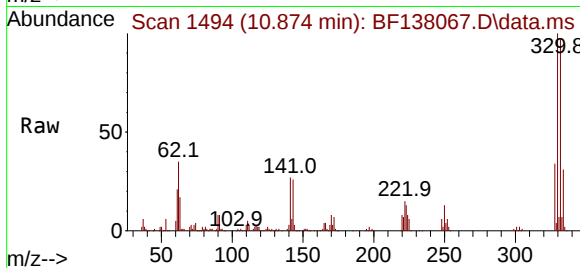
Tgt Ion:330 Resp: 291138

Ion Ratio Lower Upper

330 100

332 97.3 75.8 113.8

141 25.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.805 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138067.D

Acq: 30 May 2024 11:02

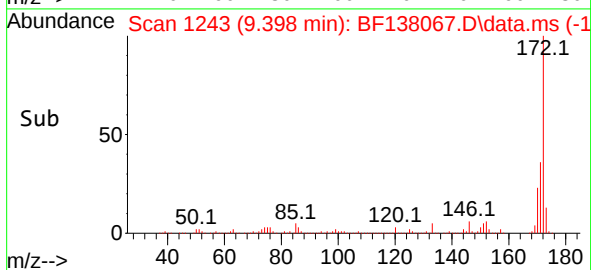
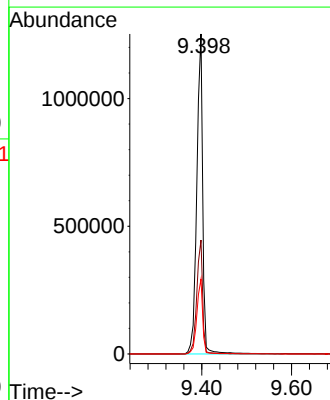
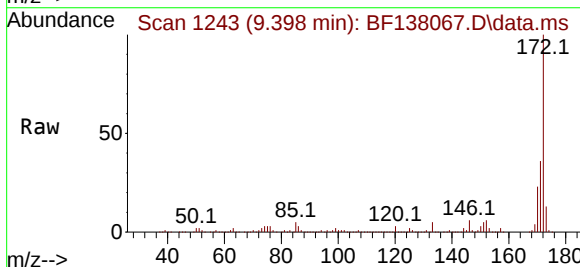
Tgt Ion:172 Resp: 1151687

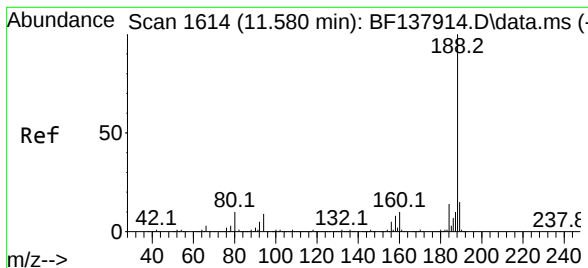
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138067.D

Acq: 30 May 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB161191BL

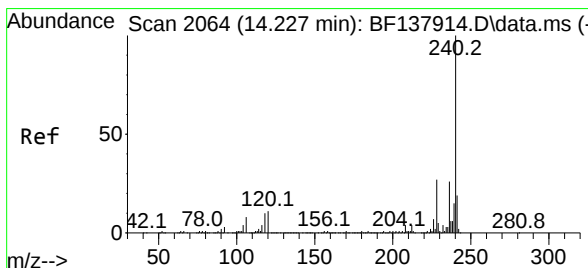
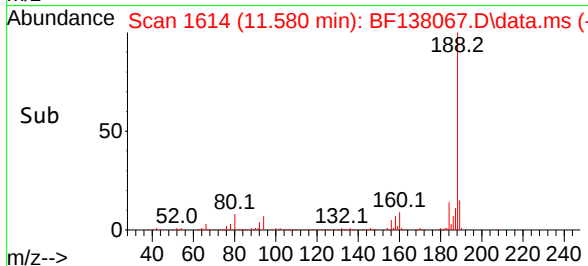
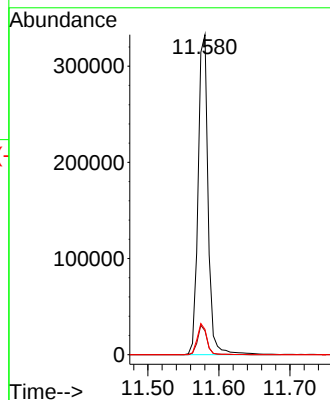
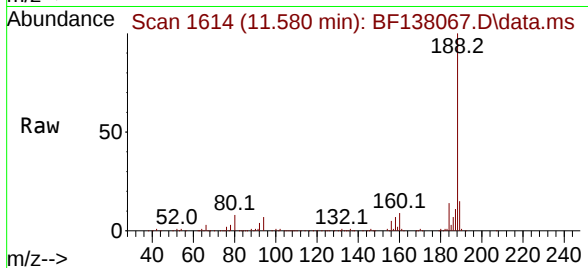
Tgt Ion:188 Resp: 326119

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 7.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138067.D

Acq: 30 May 2024 11:02

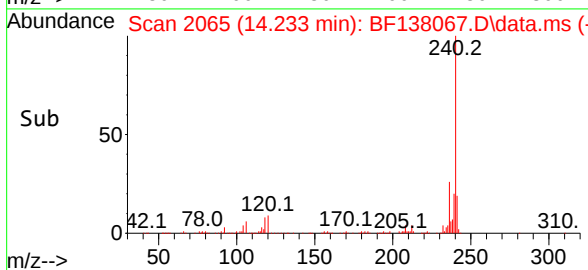
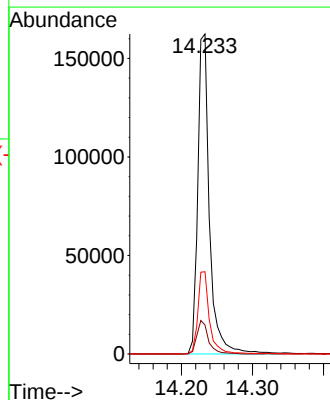
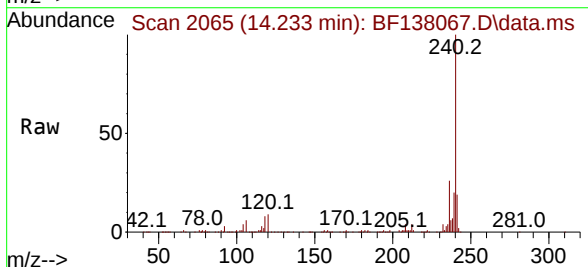
Tgt Ion:240 Resp: 186300

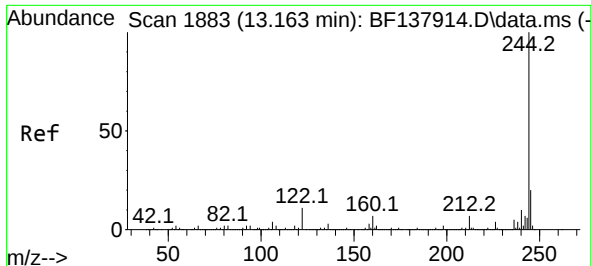
Ion Ratio Lower Upper

240 100

120 9.1 8.9 13.3

236 25.7 21.0 31.4

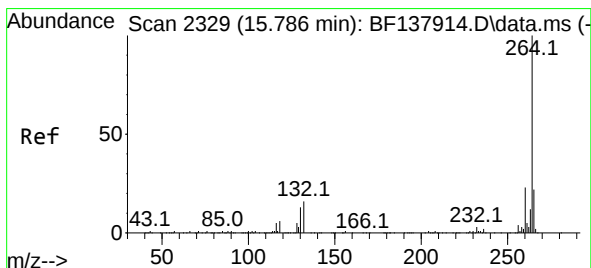
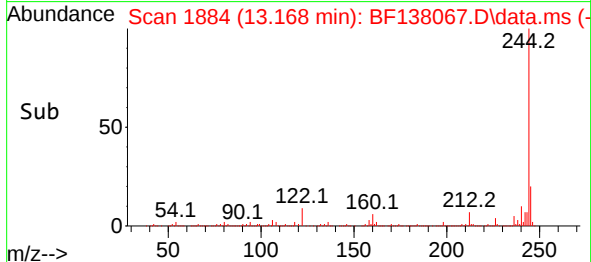
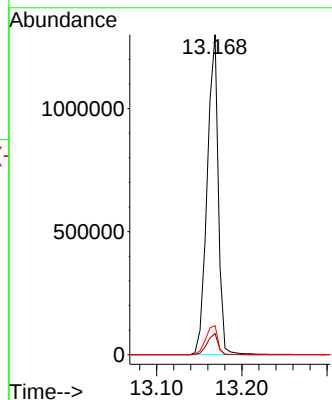
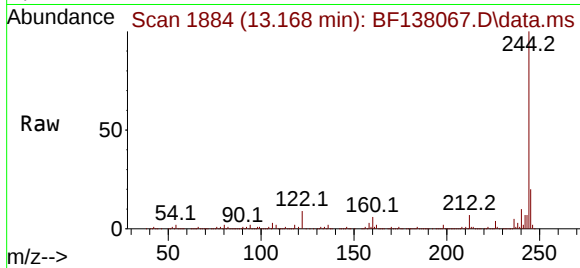




#79
 Terphenyl-d14
 Concen: 92.676 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138067.D
 Acq: 30 May 2024 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB161191BL

Tgt Ion:244 Resp: 1171497
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. 0.018 min
 Lab File: BF138067.D
 Acq: 30 May 2024 11:02

Tgt Ion:264 Resp: 174694
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 20.9 17.6 26.4

