

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140265.D
 Acq On : 07 Nov 2024 10:55
 Operator : RC/JU
 Sample : P4693-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WC

Quant Time: Nov 07 11:35:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126233	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	489660	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	289443	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	519736	20.000	ng	0.00
76) Chrysene-d12	14.057	240	333774	20.000	ng	0.00
86) Perylene-d12	15.568	264	297539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	911774	119.699	ng	0.00
7) Phenol-d6	6.498	99	1185729	121.022	ng	0.00
23) Nitrobenzene-d5	7.433	82	777370	78.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	383443	134.024	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1372267	75.705	ng	0.00
79) Terphenyl-d14	12.992	244	1626893	79.846	ng	0.00

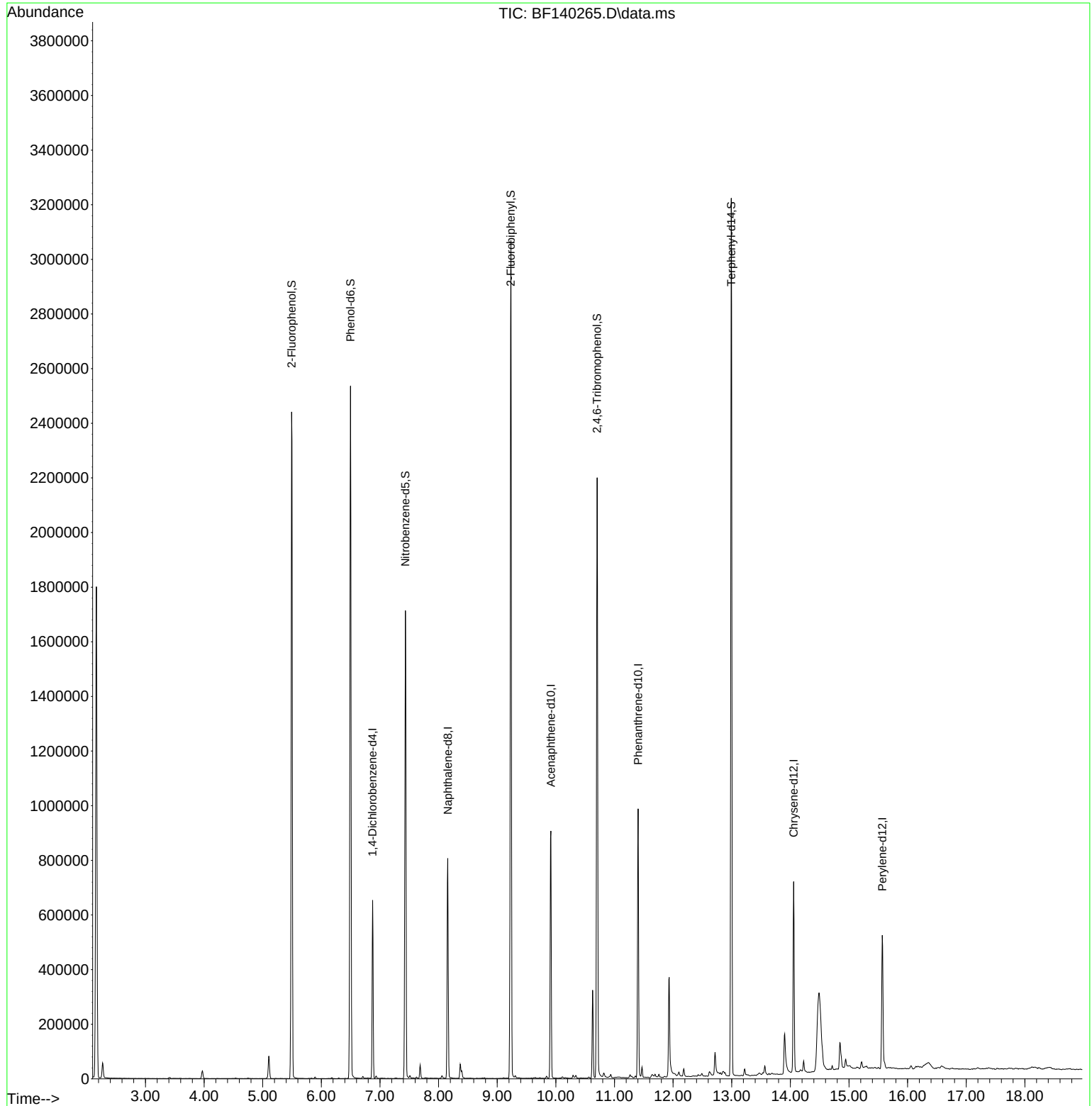
Target Compounds	Qvalue

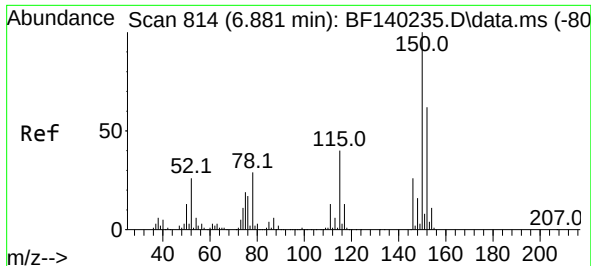
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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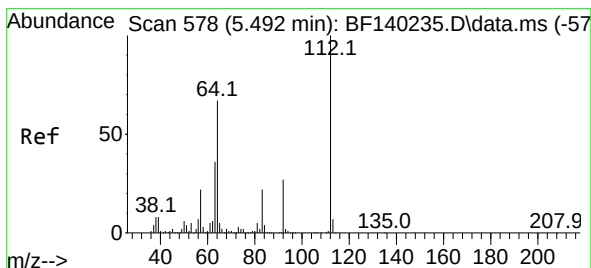
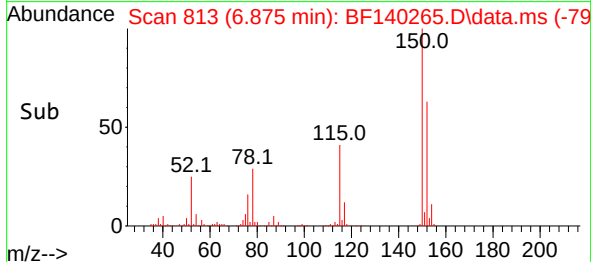
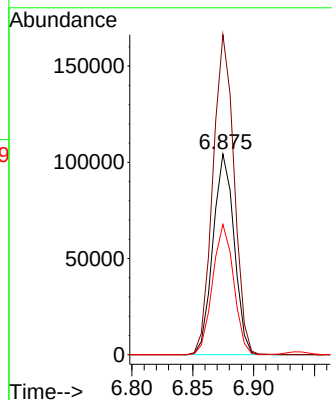
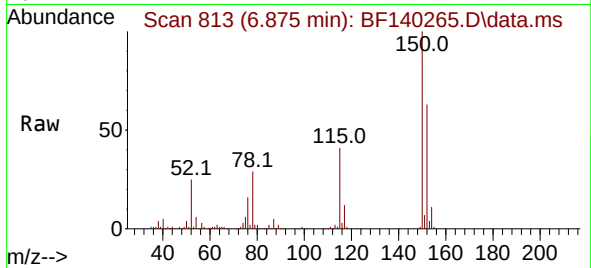




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

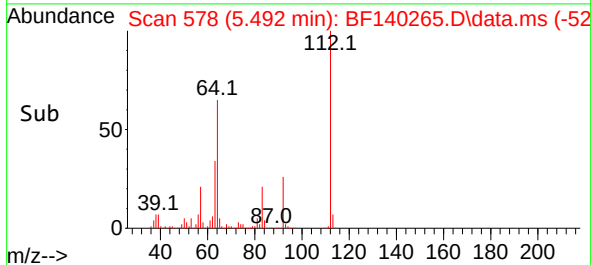
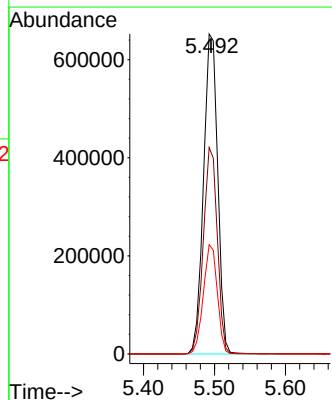
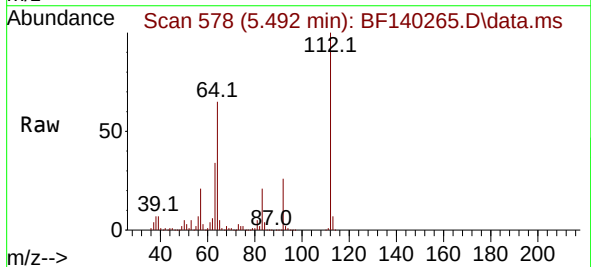
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

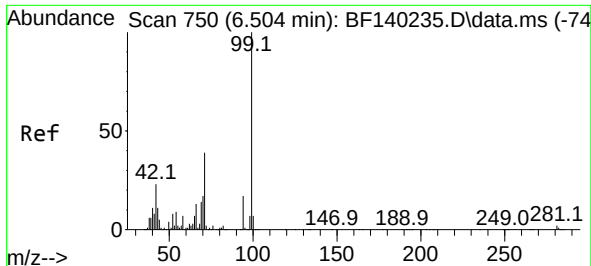
Tgt Ion:152 Resp: 126233
Ion Ratio Lower Upper
152 100
150 159.4 129.4 194.2
115 64.9 51.5 77.3



#5
2-Fluorophenol
Concen: 119.699 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:112 Resp: 911774
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 34.2 28.9 43.3

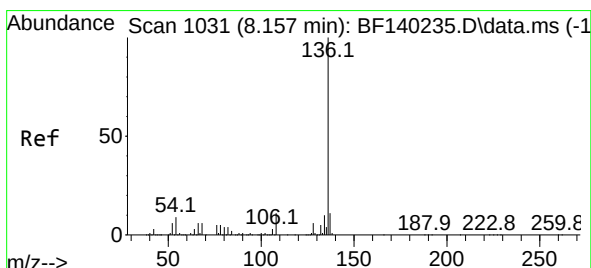
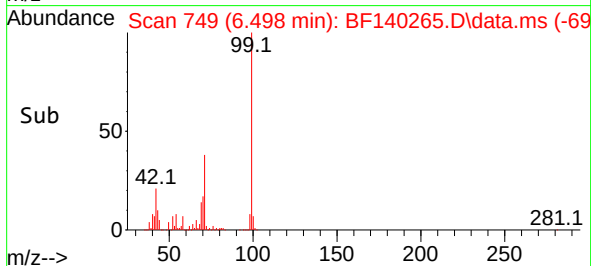
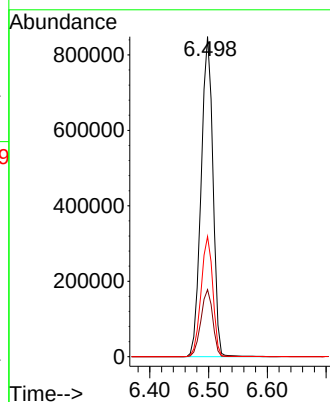
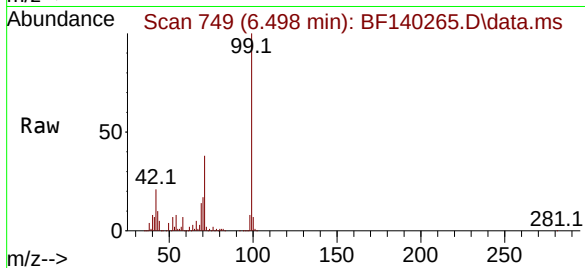




#7
Phenol-d6
Concen: 121.022 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

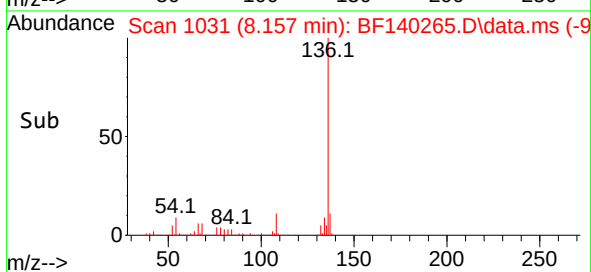
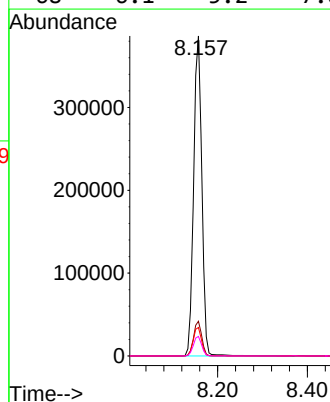
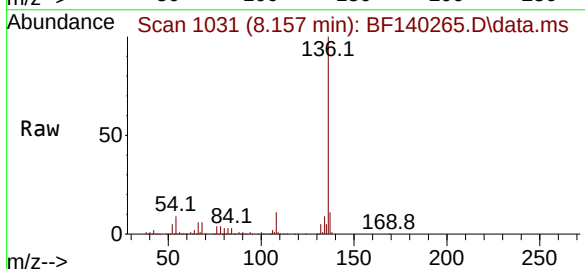
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

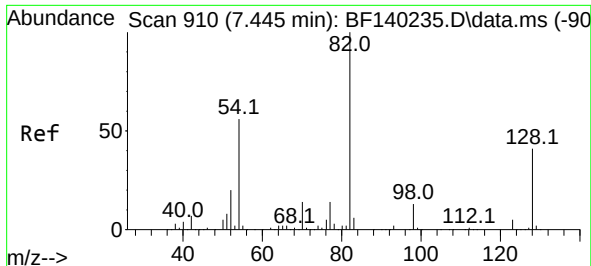
Tgt Ion: 99 Resp: 1185729
Ion Ratio Lower Upper
99 100
42 21.0 18.2 27.2
71 37.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion: 136 Resp: 489660
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.9 7.7 11.5
68 6.1 5.2 7.8

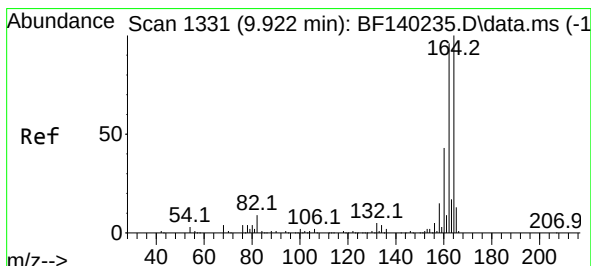
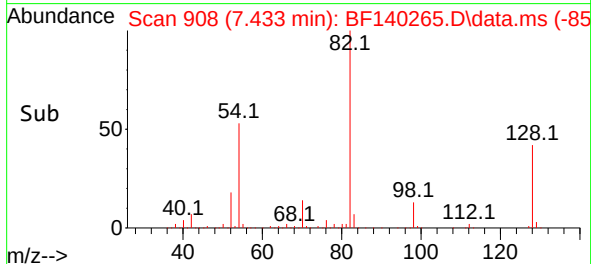
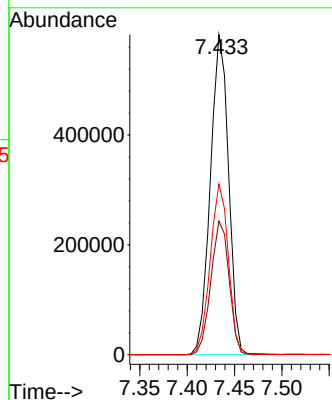
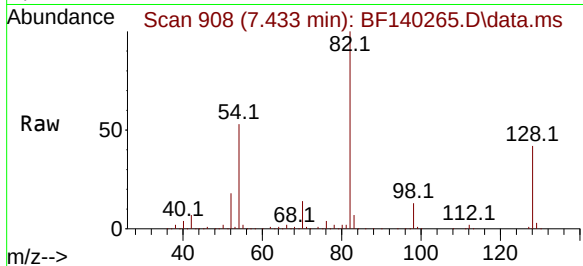




#23
 Nitrobenzene-d5
 Concen: 78.931 ng
 RT: 7.433 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF140265.D
 Acq: 07 Nov 2024 10:55

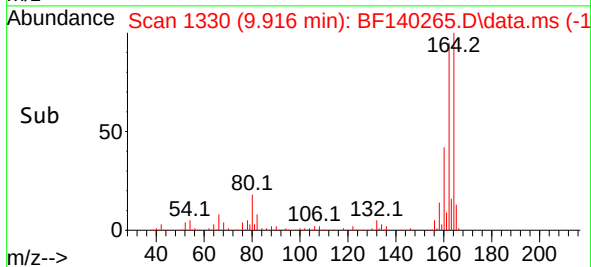
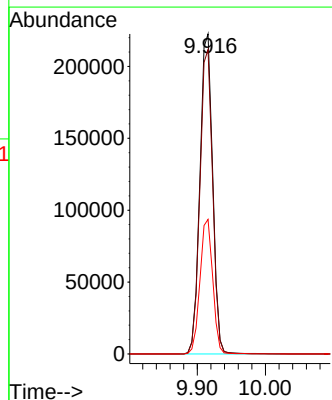
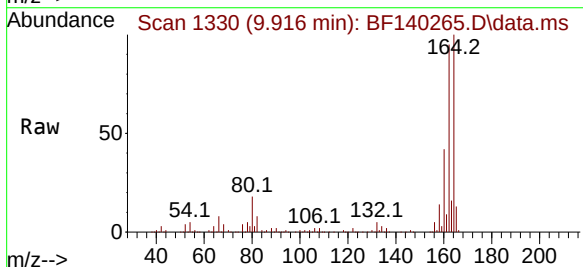
Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WC

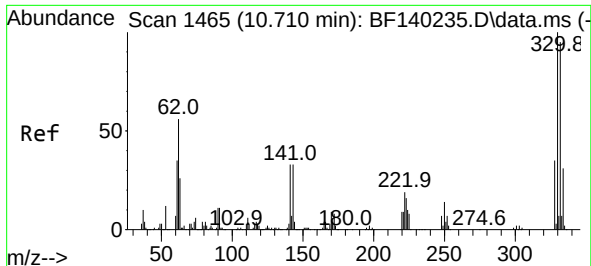
Tgt Ion: 82 Resp: 777370
 Ion Ratio Lower Upper
 82 100
 128 41.8 32.8 49.2
 54 53.3 44.3 66.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: BF140265.D
 Acq: 07 Nov 2024 10:55

Tgt Ion:164 Resp: 289443
 Ion Ratio Lower Upper
 164 100
 162 95.1 77.0 115.4
 160 42.1 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 134.024 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

BP-G4-WC

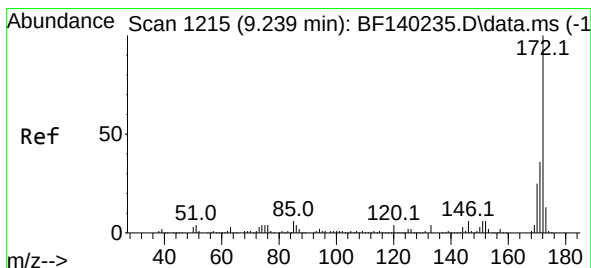
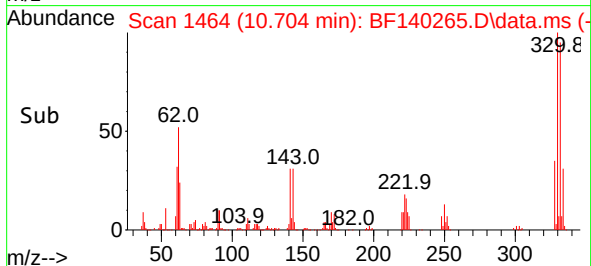
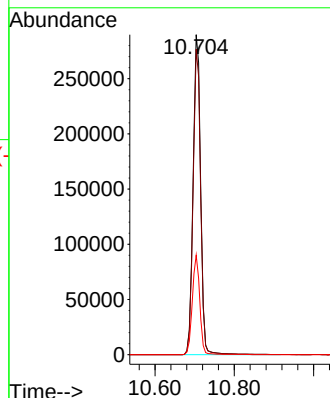
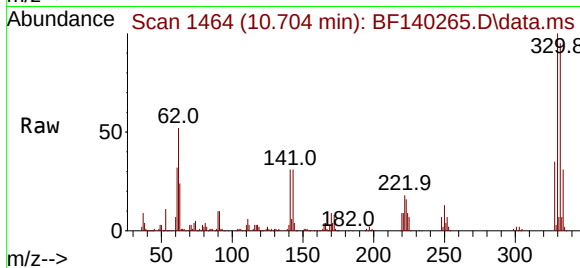
Tgt Ion:330 Resp: 383443

Ion Ratio Lower Upper

330 100

332 94.9 76.4 114.6

141 30.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 75.705 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

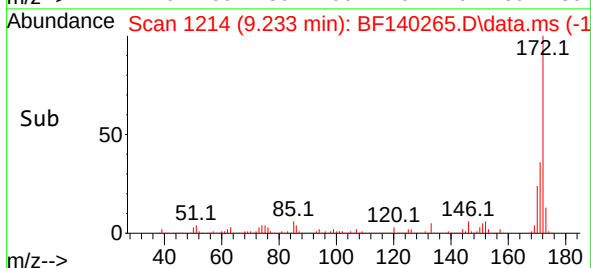
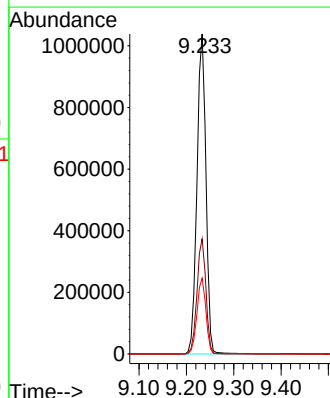
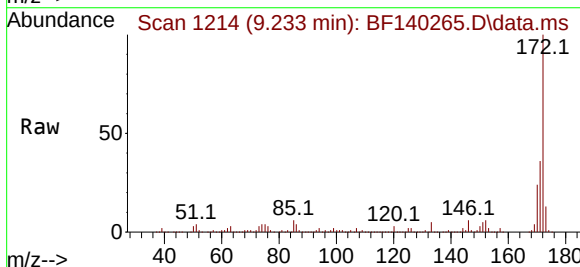
Tgt Ion:172 Resp: 1372267

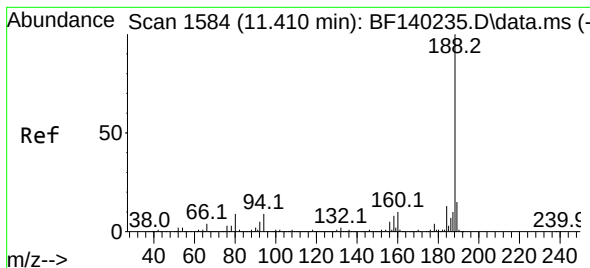
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

BP-G4-WC

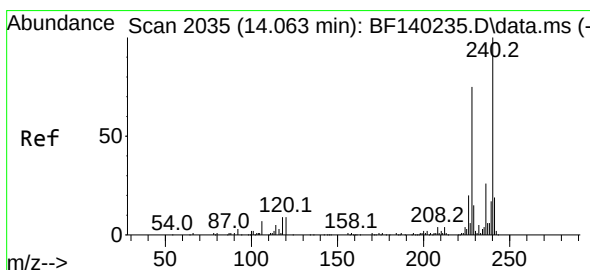
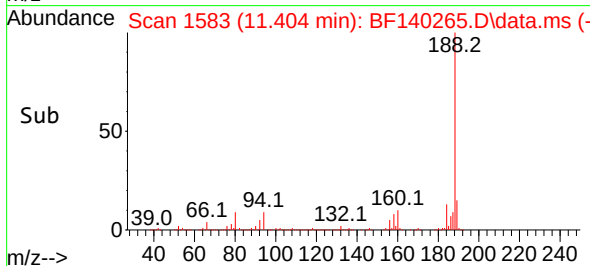
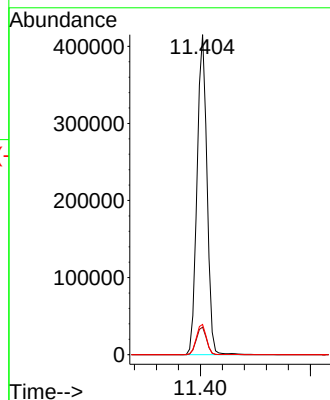
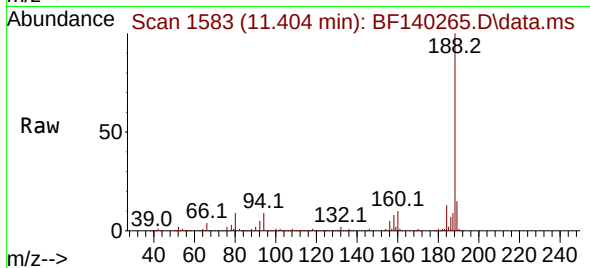
Tgt Ion:188 Resp: 519736

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.4 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

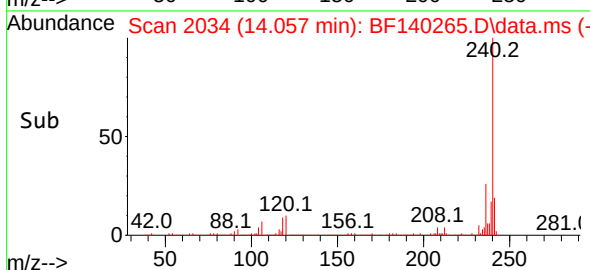
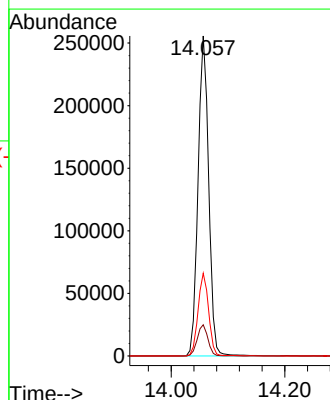
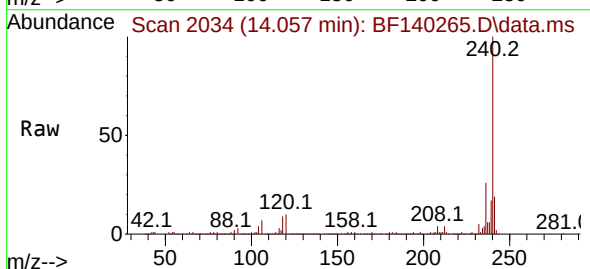
Tgt Ion:240 Resp: 333774

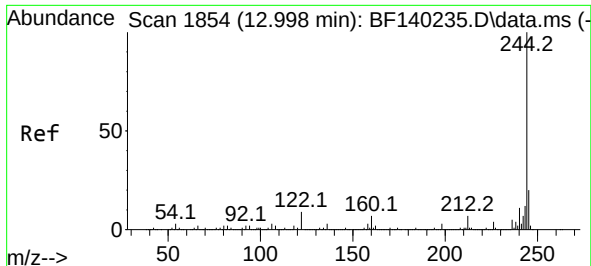
Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

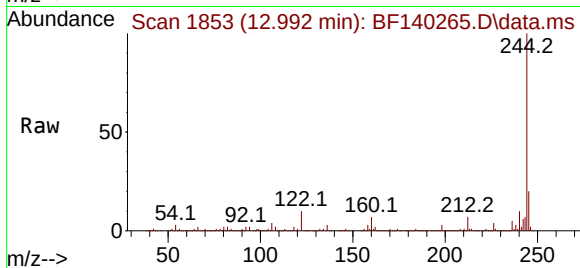
236 25.9 20.9 31.3



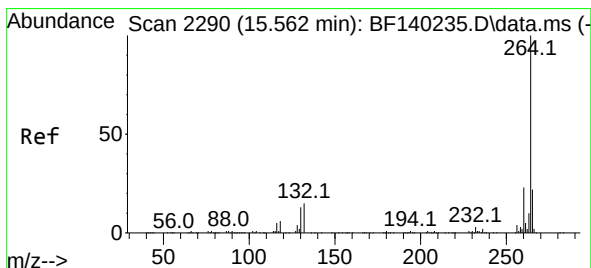
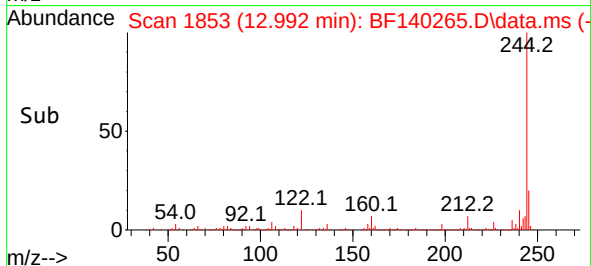
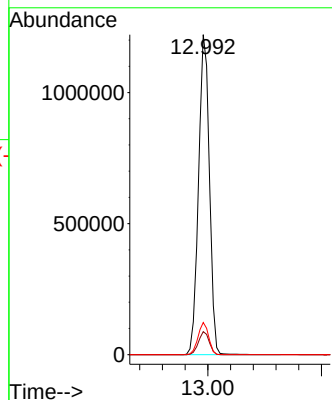


#79
 Terphenyl-d14
 Concen: 79.846 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140265.D
 Acq: 07 Nov 2024 10:55

Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WC



Tgt Ion:244 Resp: 1626893
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.006 min
 Lab File: BF140265.D
 Acq: 07 Nov 2024 10:55

Tgt Ion:264 Resp: 297539
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.0 17.3 25.9

