

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112055.D
 Acq On : 14 Jan 2019 17:19
 Operator : JU/SJ
 Sample : K1135-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPGP-5

Quant Time: Jan 14 21:27:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132271	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	499829	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	254664	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	503381	20.00	ng	0.00
76) Chrysene-d12	14.03	240	177622	20.00	ng	-0.01
87) Perylene-d12	15.51	264	270876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	394545	51.03	ng	0.00
7) Phenol-d6	6.51	99	352335	35.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	678973	72.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	421412	127.22	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1311860	75.12	ng	0.00
79) Terphenyl-d14	12.98	244	850486	90.89	ng	0.00

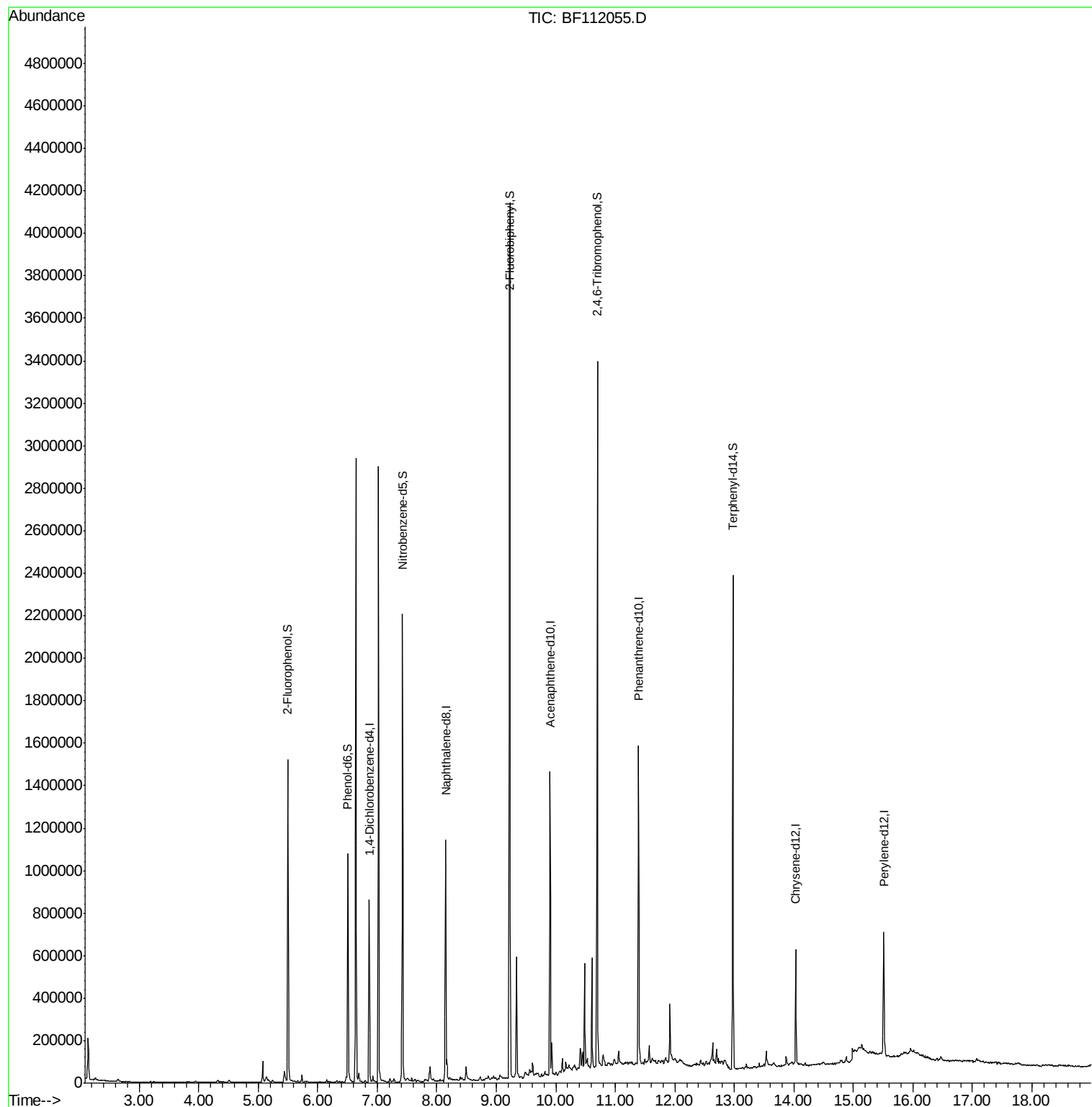
Target Compounds Qvalue

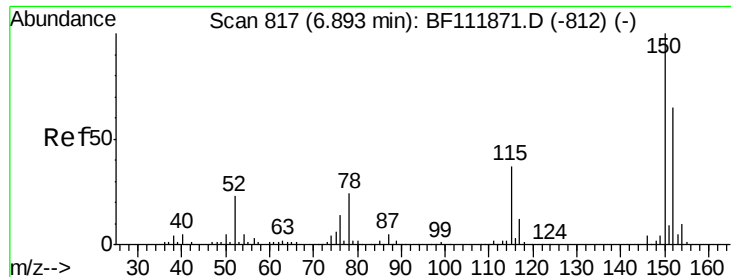
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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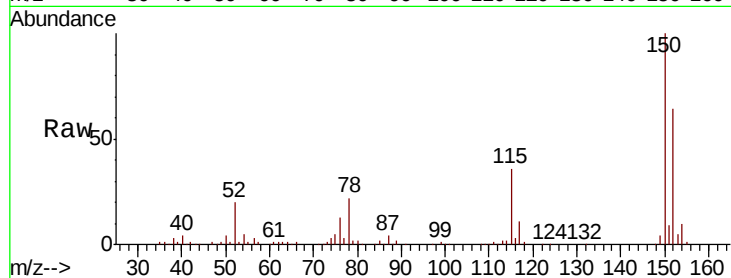


#1

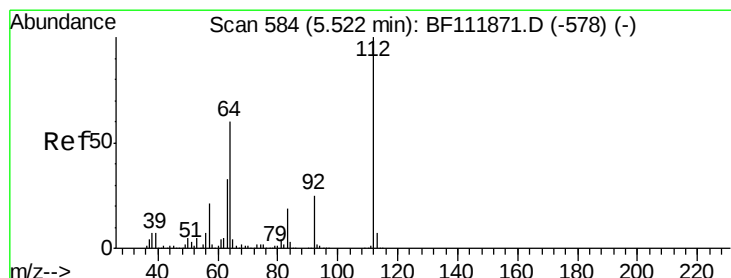
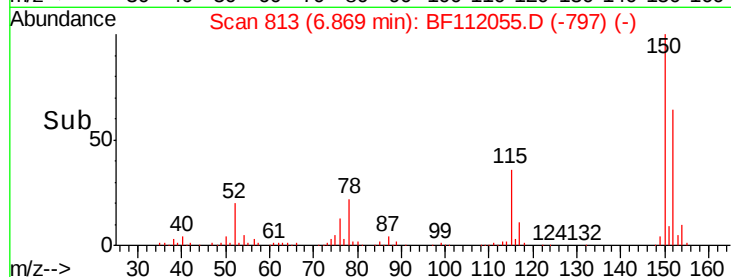
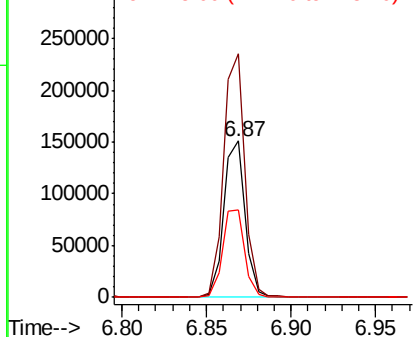
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Instrument :
BNA_F
ClientSampleId :
CPGP-5

Tot Ion:152 Resp: 132271
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 56.3 45.2 67.8



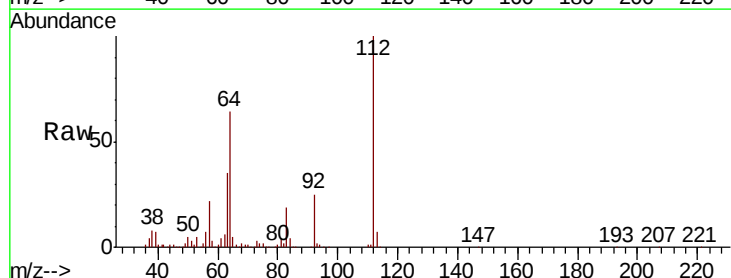
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



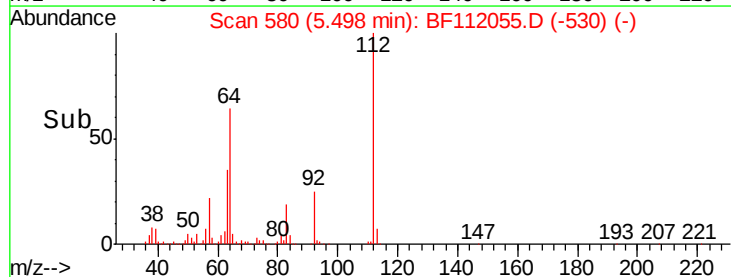
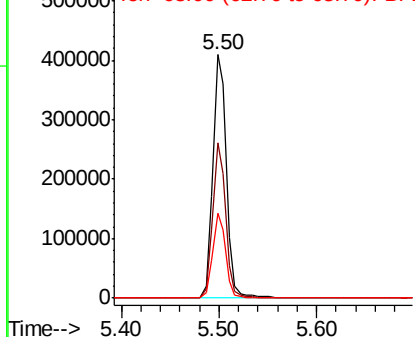
#5

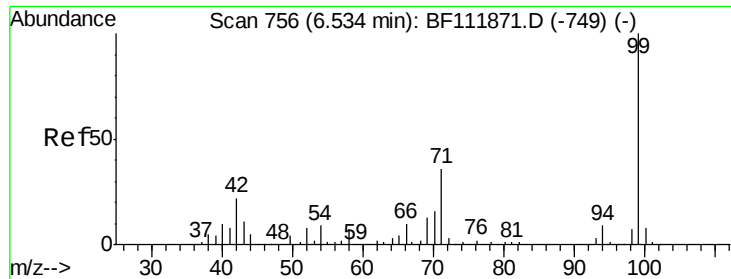
2-Fluorophenol
Concen: 51.031 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Tgt Ion:112 Resp: 394545
Ion Ratio Lower Upper
112 100
64 64.1 48.3 72.5
63 34.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.358 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

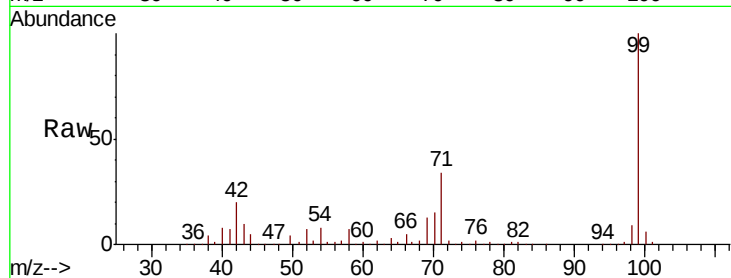
Tot Ion: 99 Resp: 352335

Ion Ratio Lower Upper

99 100

42 19.8 17.9 26.9

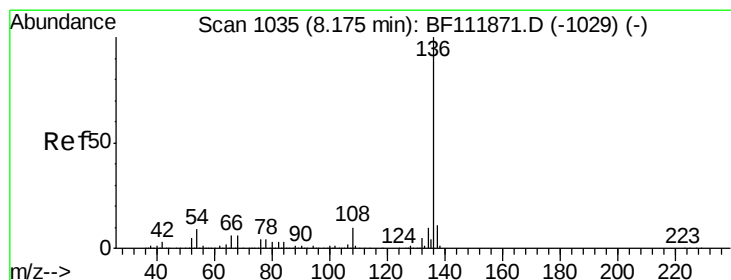
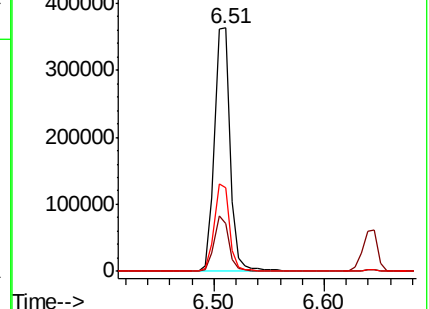
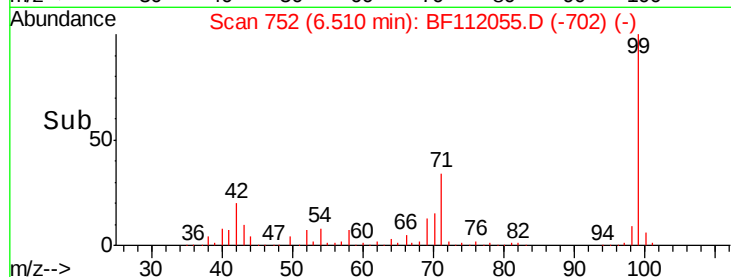
71 34.3 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Tgt Ion: 136 Resp: 499829

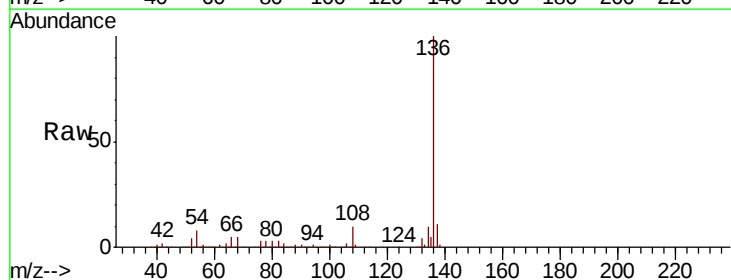
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.8 7.2 10.8

68 4.7 4.4 6.6

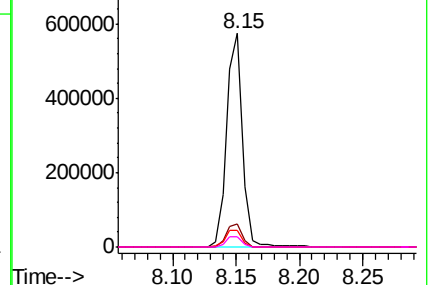
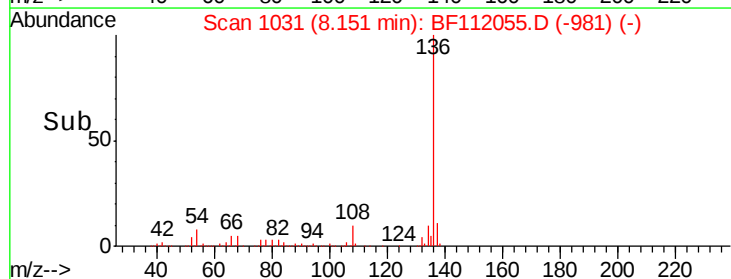


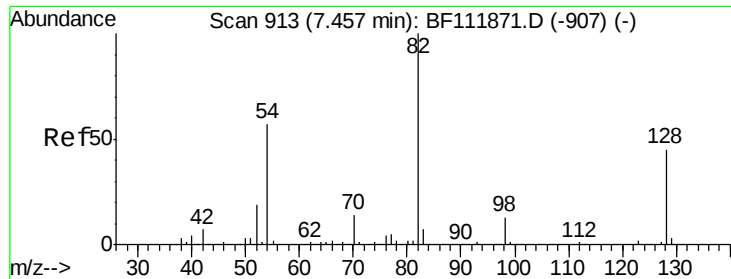
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

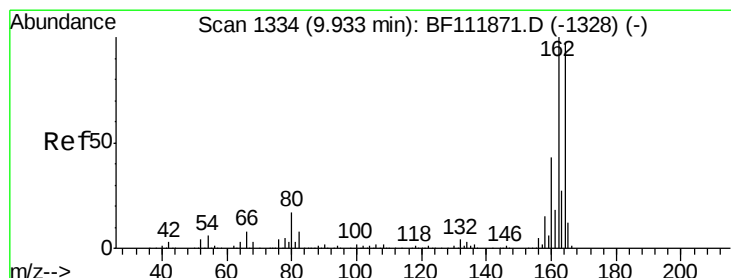
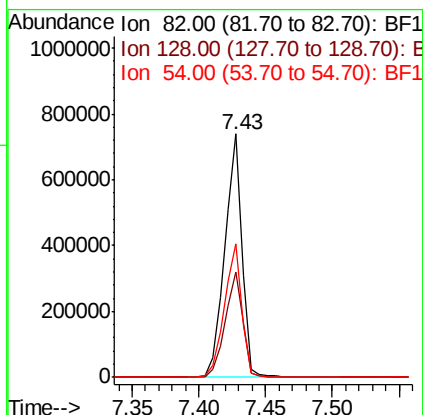
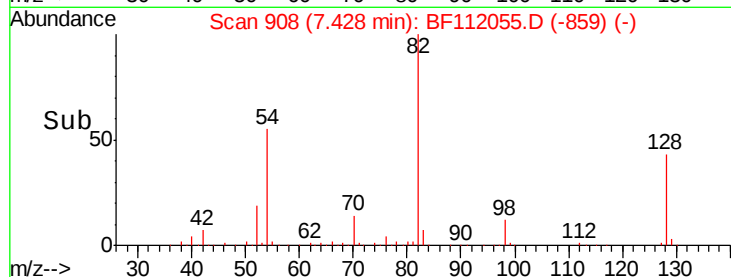
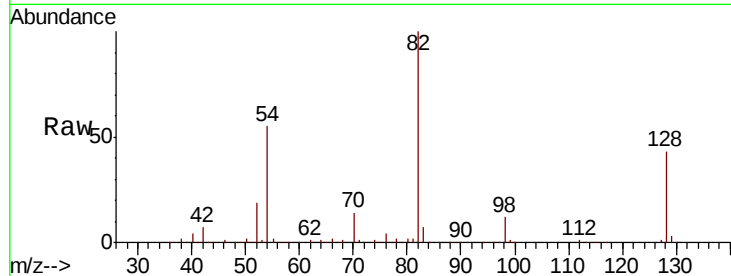




#23
Nitrobenzene-d5
Concen: 72.601 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

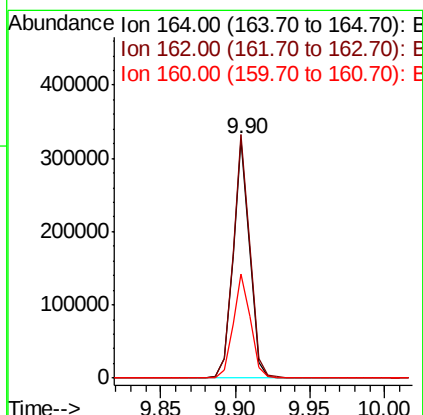
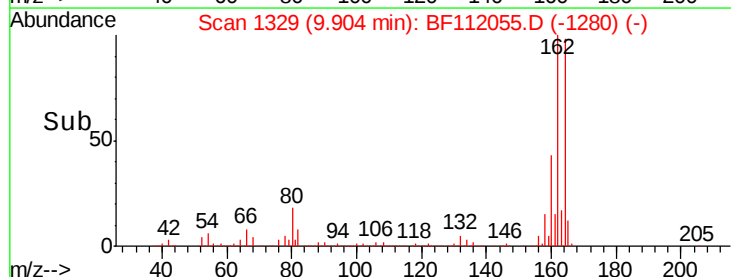
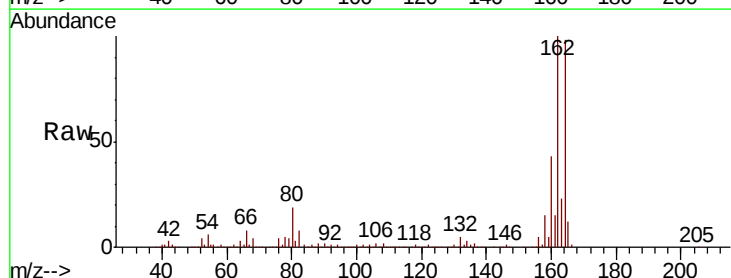
Instrument :
BNA_F
ClientSampled :
CPGP-5

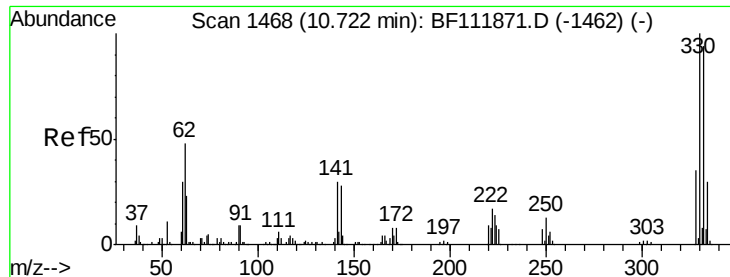
Tot Ion: 82 Resp: 678973
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 54.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Tgt Ion:164 Resp: 254664
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 43.8 35.5 53.3

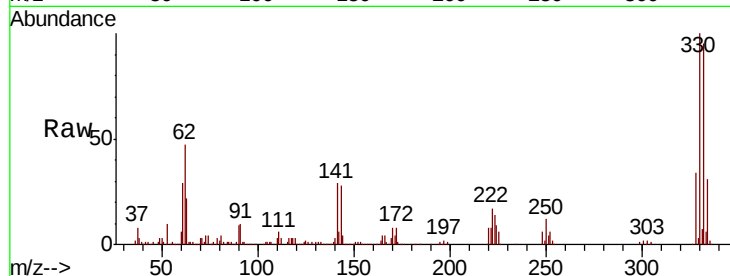




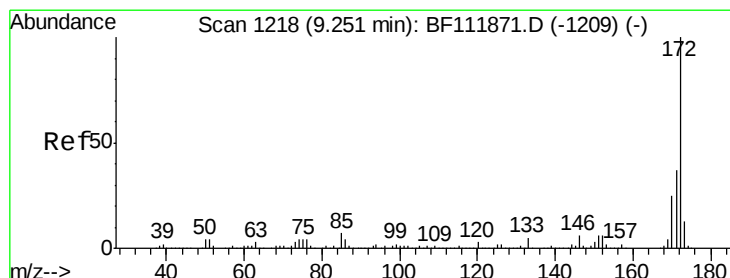
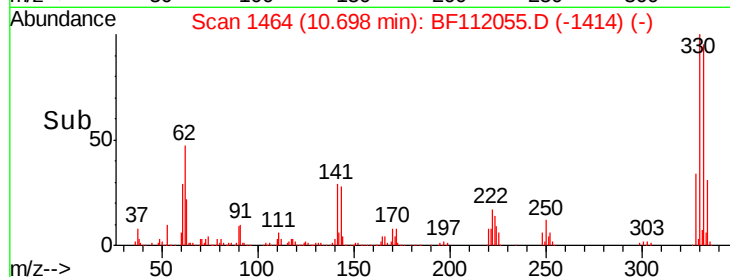
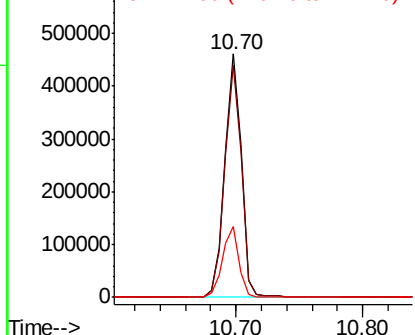
#42
 2,4,6-Tribromophenol
 Concen: 127.222 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 CPGP-5

Tot Ion:330 Resp: 421412
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 29.0 23.7 35.5

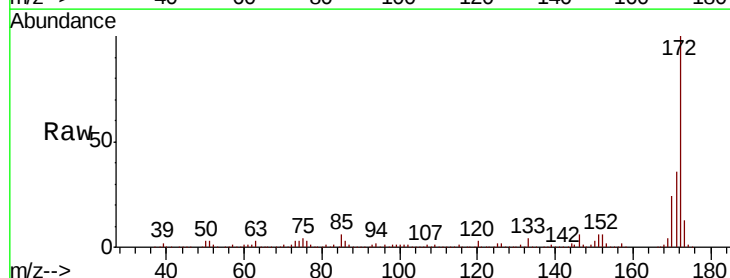


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

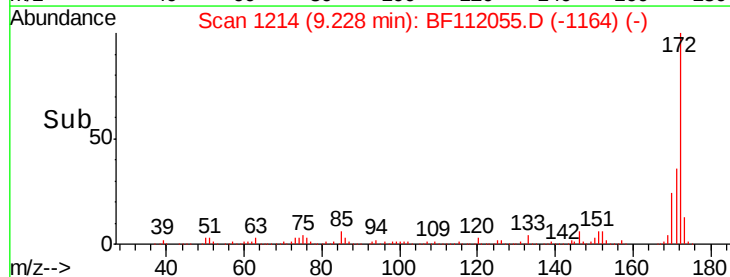
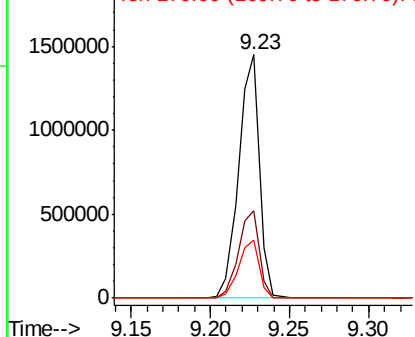


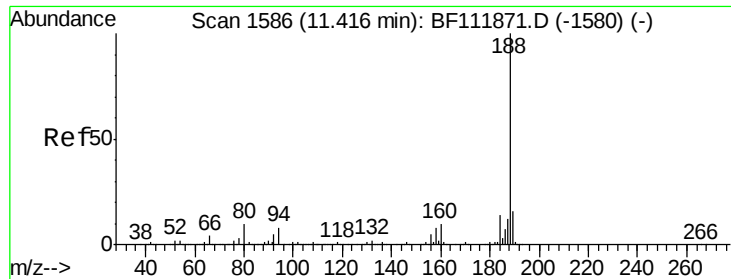
#45
 2-Fluorobiphenyl
 Concen: 75.117 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

Tgt Ion:172 Resp: 1311860
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

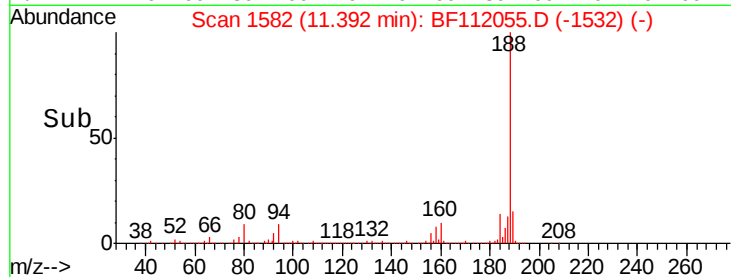
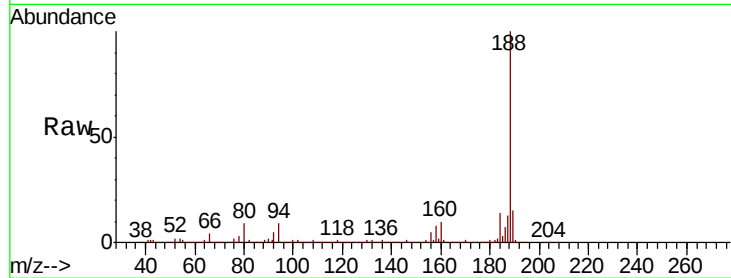
Tot Ion:188 Resp: 503381

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

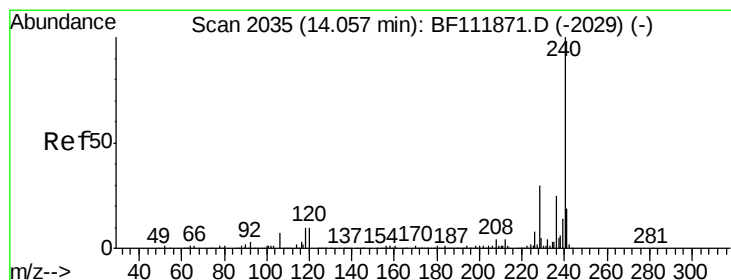
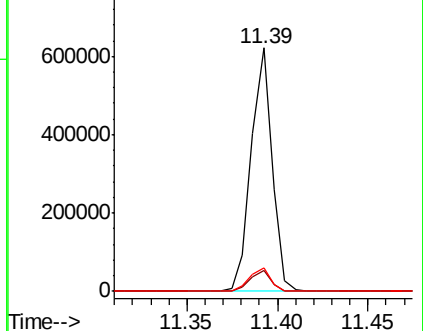
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

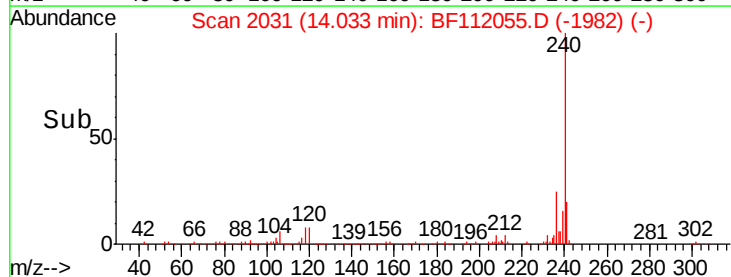
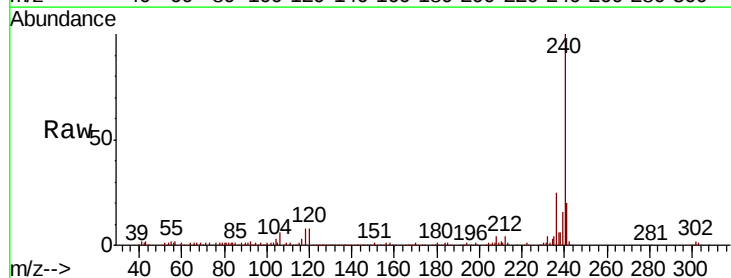
Tgt Ion:240 Resp: 177622

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

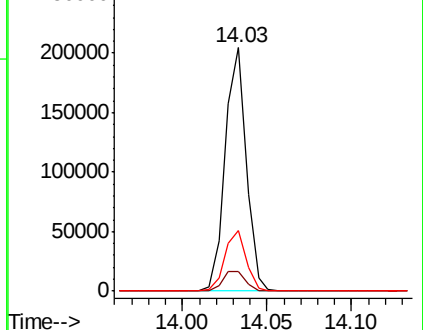
236 24.8 20.2 30.4

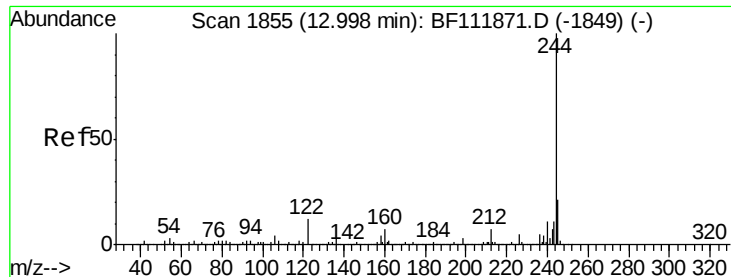


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.890 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

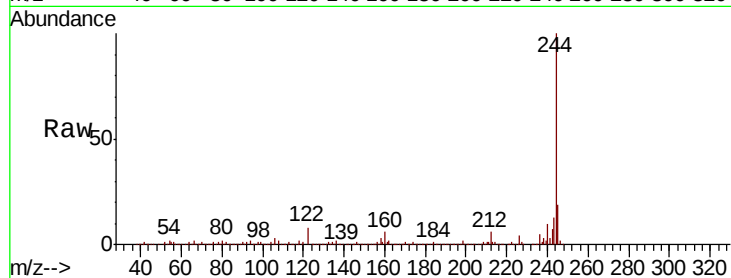
Tot Ion:244 Resp: 850486

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

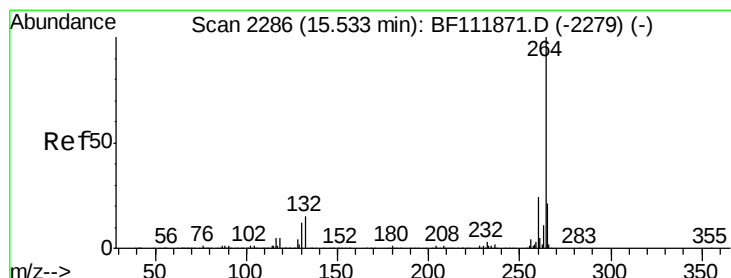
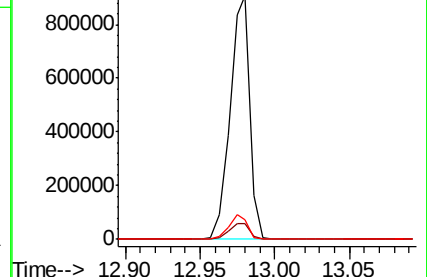
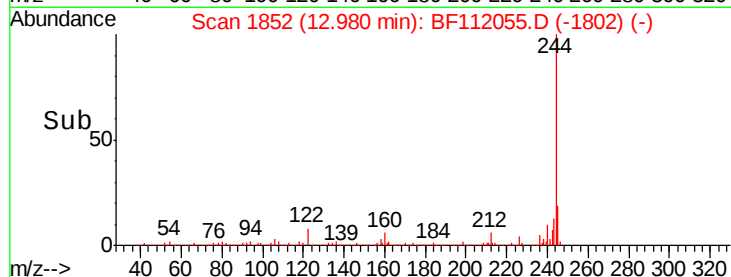
122 8.2 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

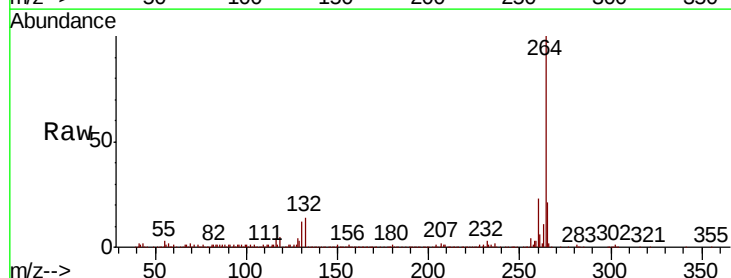
Tgt Ion:264 Resp: 270876

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.3 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

