

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112050.D
 Acq On : 14 Jan 2019 15:04
 Operator : JU/SJ
 Sample : K1103-02 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jan 14 16:22:06 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	179261	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	584724	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	327605	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	545695	20.00	ng	0.00
76) Chrysene-d12	14.04	240	442944	20.00	ng	0.00
87) Perylene-d12	15.52	264	259687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	72419	6.91	ng	0.00
7) Phenol-d6	6.53	99	10858	0.80	ng	0.01
23) Nitrobenzene-d5	7.43	82	188970	17.27	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	59862	14.05	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	401917	17.89	ng	-0.01
79) Terphenyl-d14	12.98	244	288012	12.34	ng	0.00

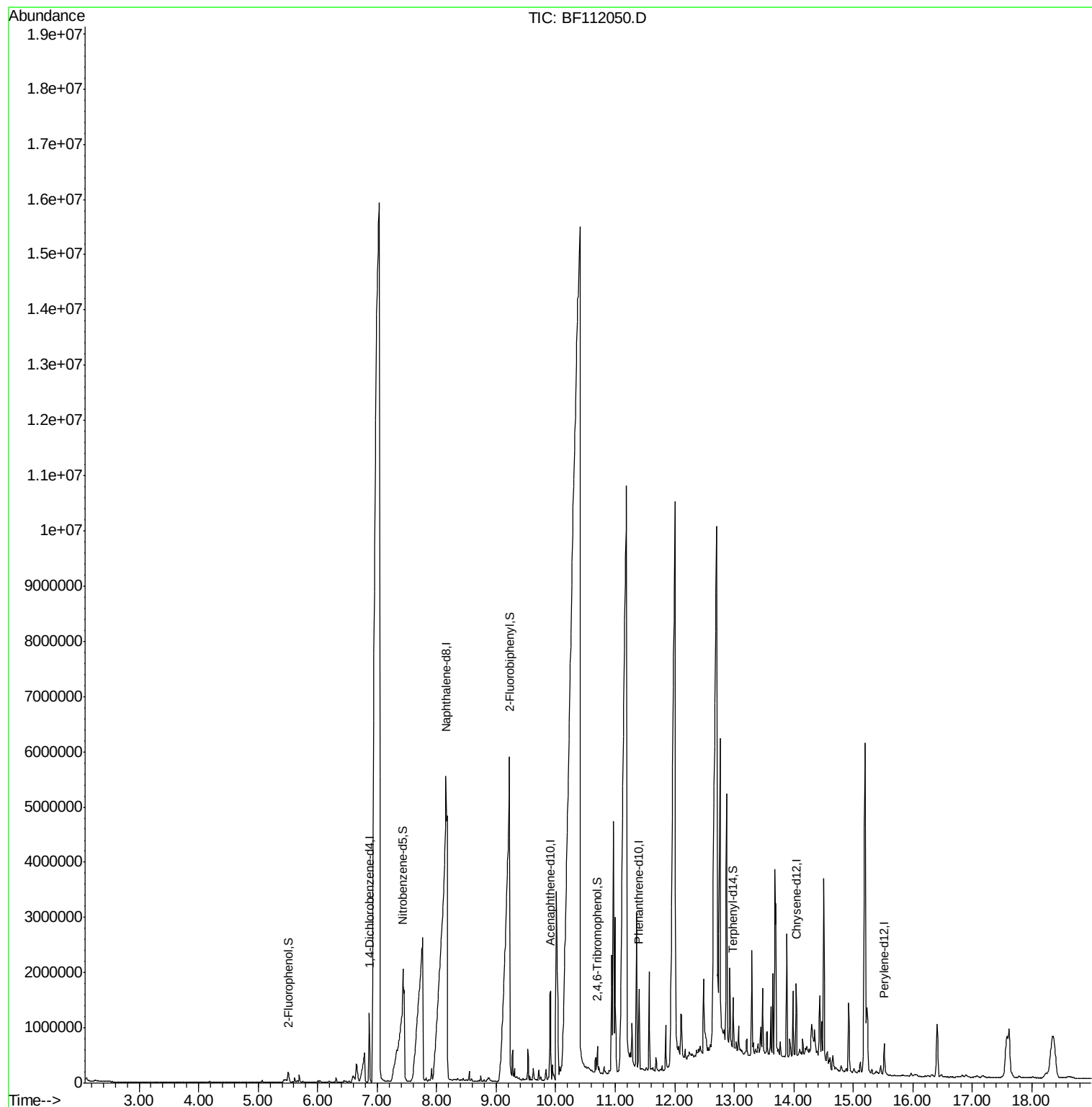
Target Compounds Qvalue

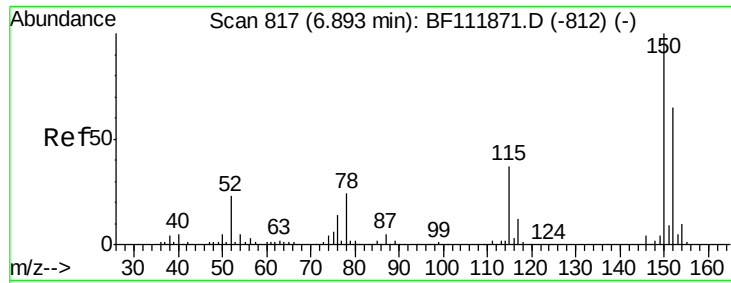
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112050.D
Acq On : 14 Jan 2019 15:04
Operator : JU/SJ
Sample : K1103-02 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Jan 14 16:22:06 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



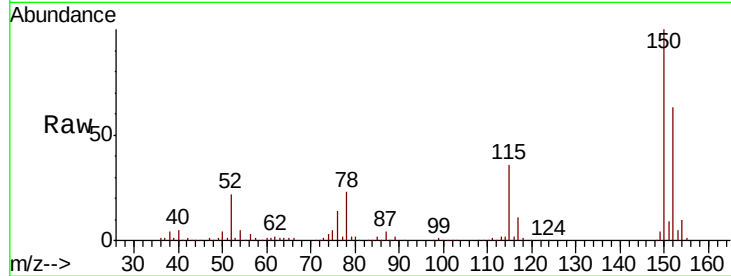


#1

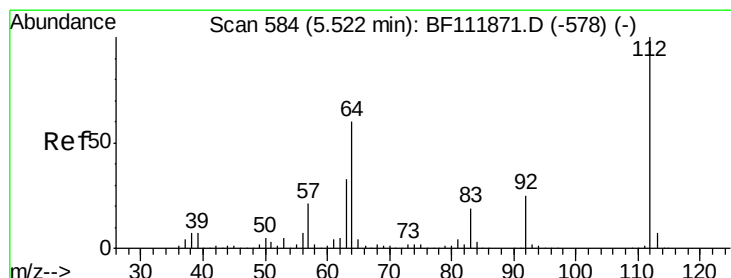
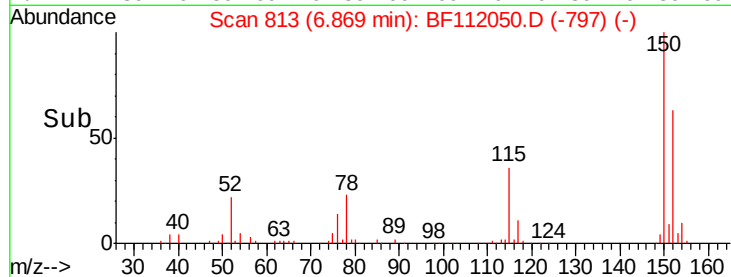
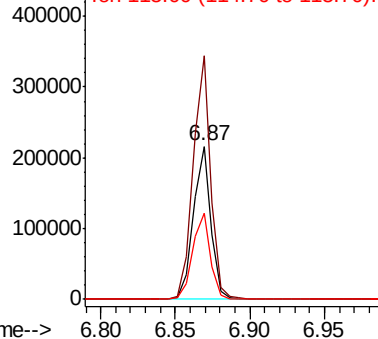
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 179261
Ion Ratio Lower Upper
152 100
150 159.3 122.7 184.1
115 56.8 45.2 67.8



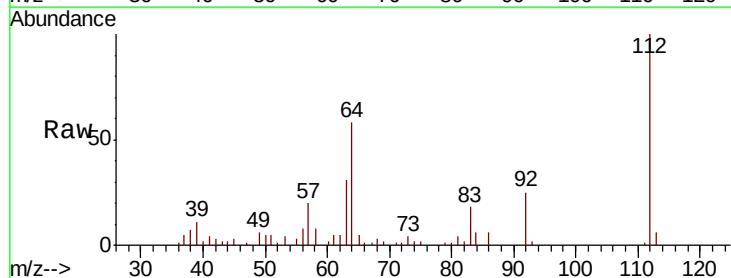
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



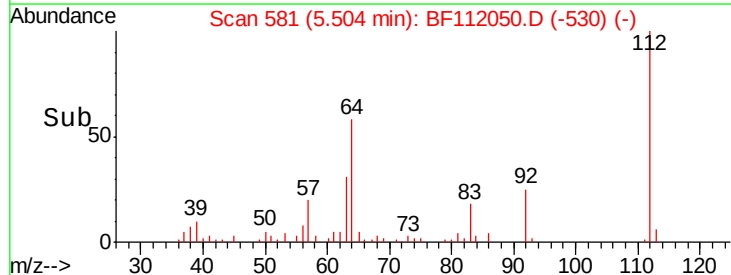
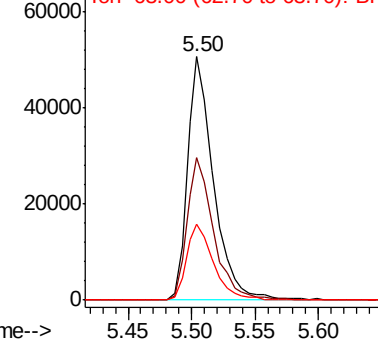
#5

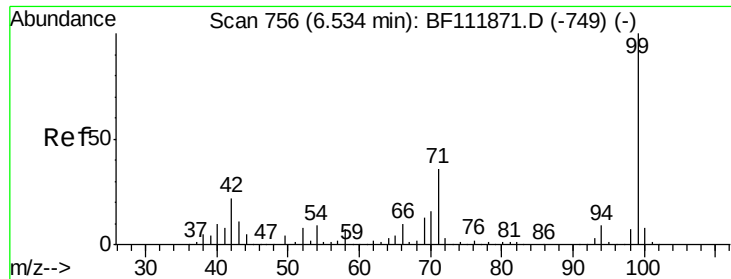
2-Fluorophenol
Concen: 6.911 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:112 Resp: 72419
Ion Ratio Lower Upper
112 100
64 58.3 48.3 72.5
63 31.1 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: 0.804 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

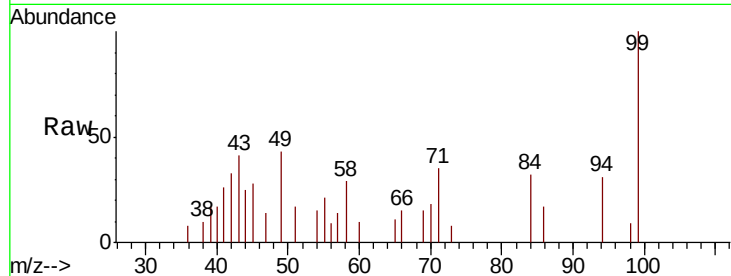
Tot Ion: 99 Resp: 10858

Ion Ratio Lower Upper

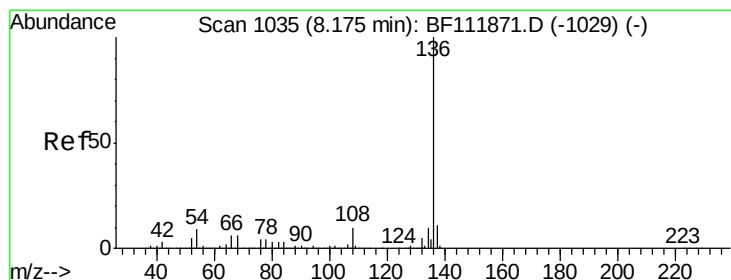
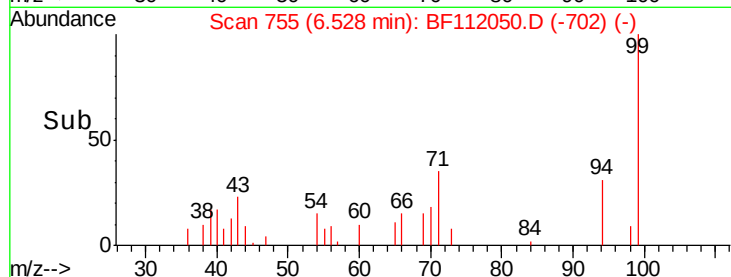
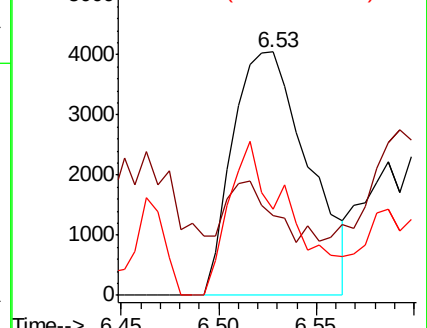
99 100

42 32.7 17.9 26.9#

71 35.3 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: BF112050.D

Acq: 14 Jan 2019 15:04

Tgt Ion: 136 Resp: 584724

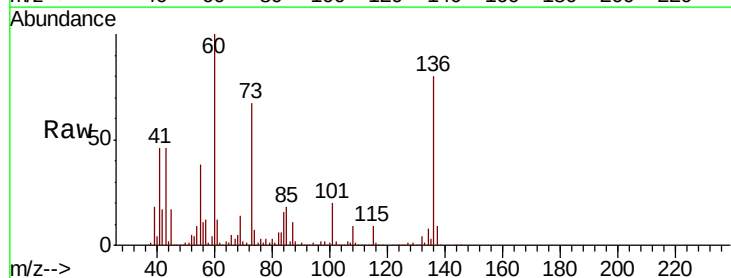
Ion Ratio Lower Upper

136 100

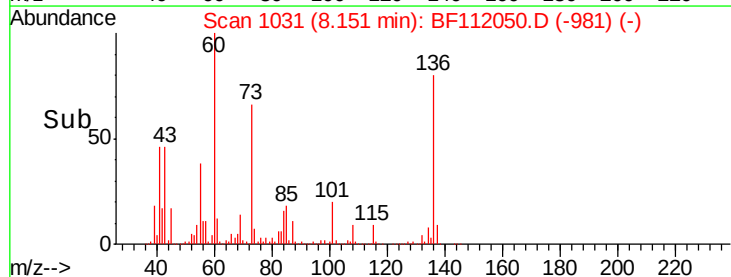
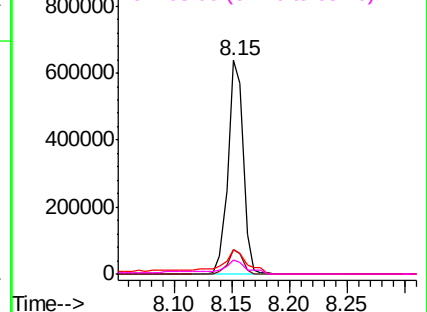
137 11.2 9.1 13.7

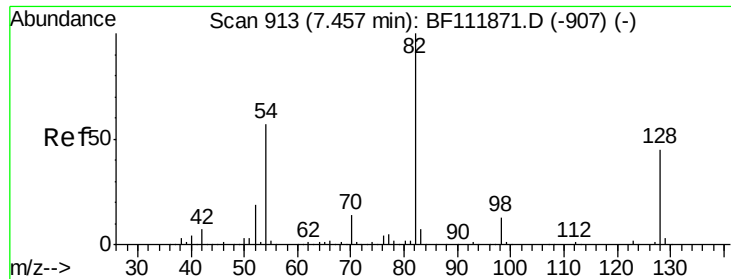
54 11.3 7.2 10.8#

68 6.5 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

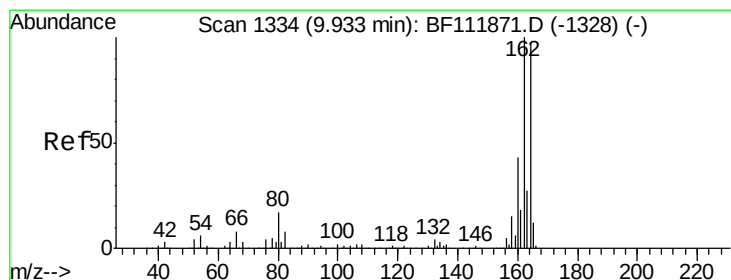
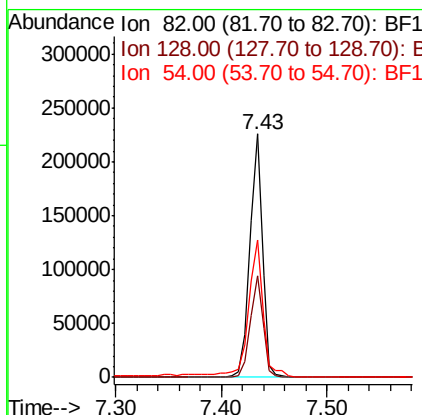
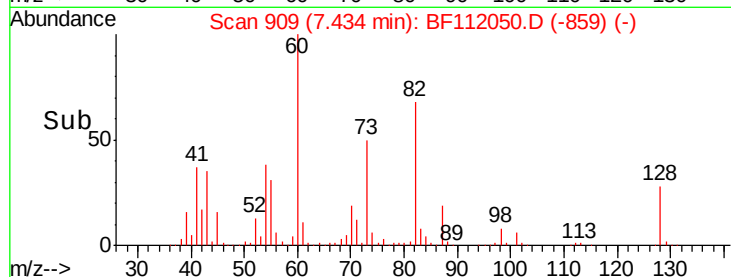
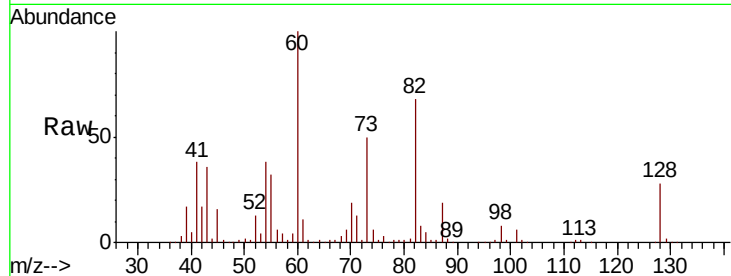




#23
Nitrobenzene-d5
Concen: 17.272 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

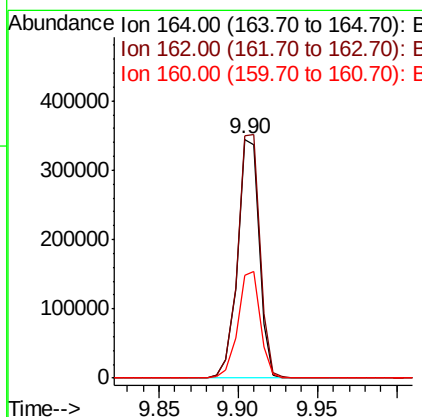
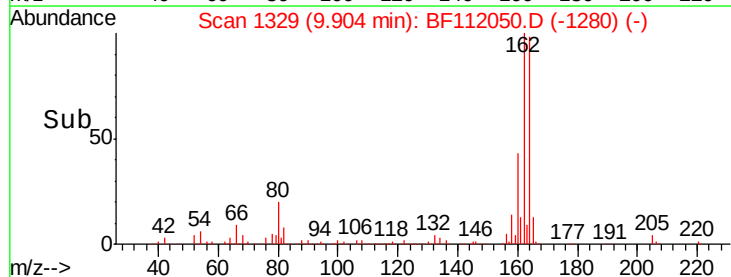
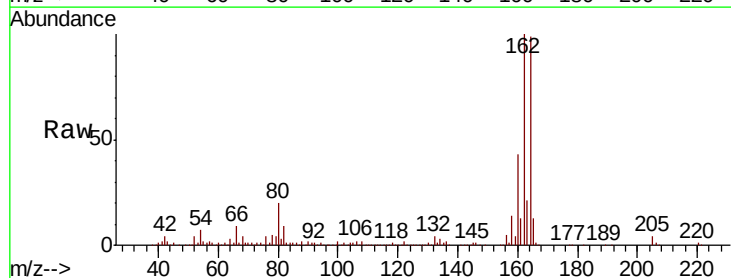
Instrument :
BNA_F
ClientSampleId :
EFF-WW

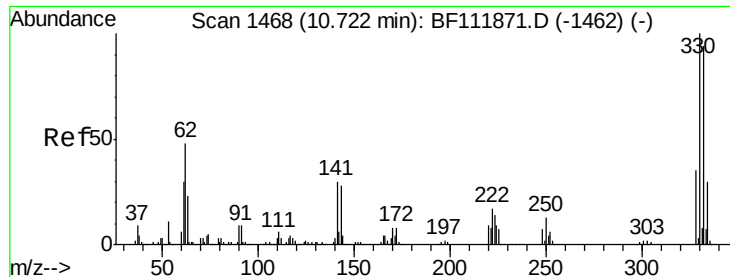
Tot Ion: 82 Resp: 188970
Ion Ratio Lower Upper
82 100
128 41.5 35.7 53.5
54 56.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112050.D
Acq: 14 Jan 2019 15:04

Tgt Ion:164 Resp: 327605
Ion Ratio Lower Upper
164 100
162 101.3 82.2 123.2
160 43.3 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 14.048 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

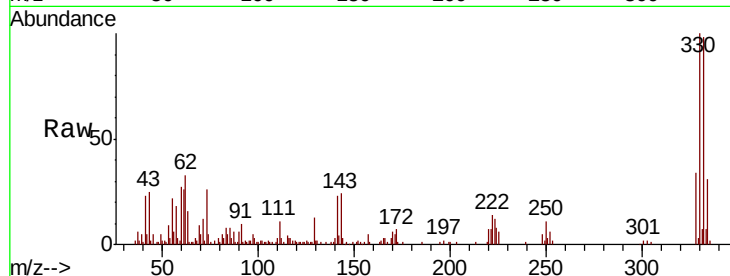
Tot Ion:330 Resp: 59862

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

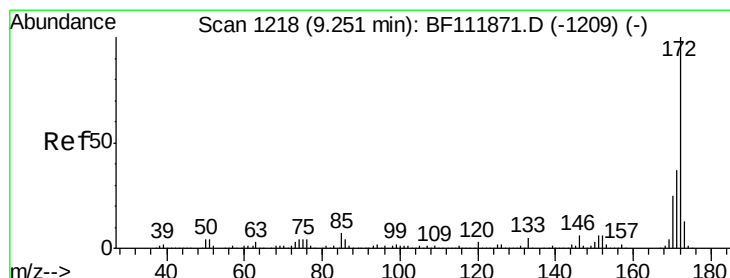
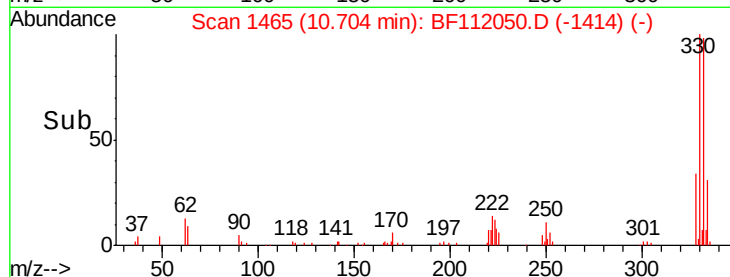
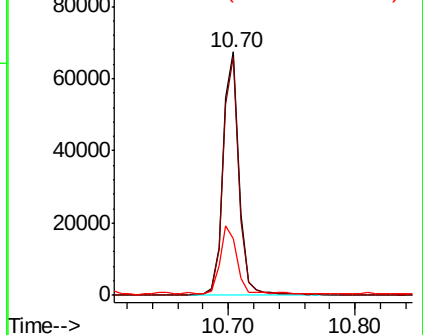
141 30.9 23.7 35.5



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: 17.890 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

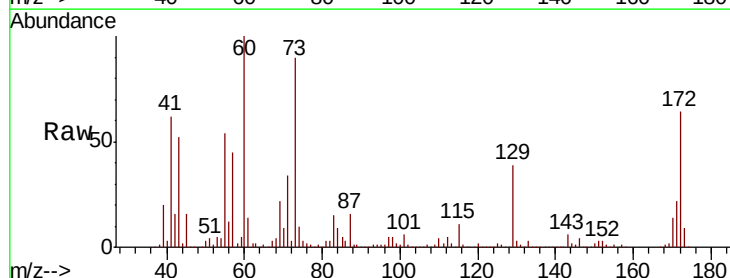
Tgt Ion:172 Resp: 401917

Ion Ratio Lower Upper

172 100

171 33.9 29.6 44.4

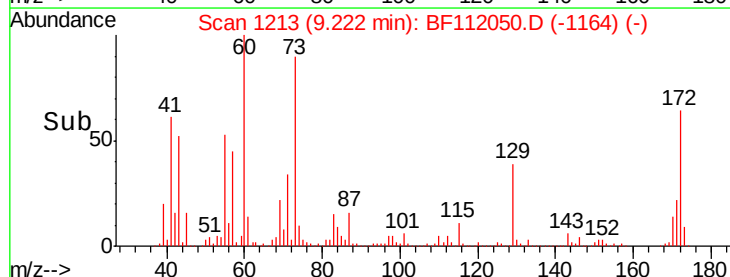
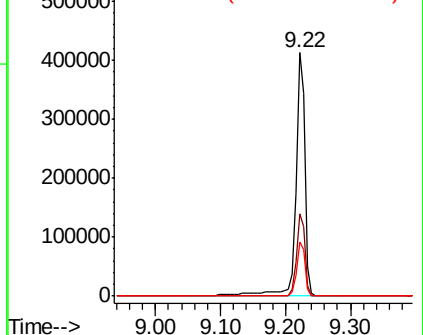
170 22.3 19.8 29.8

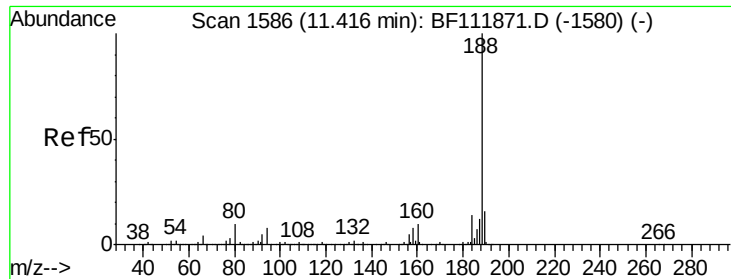


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

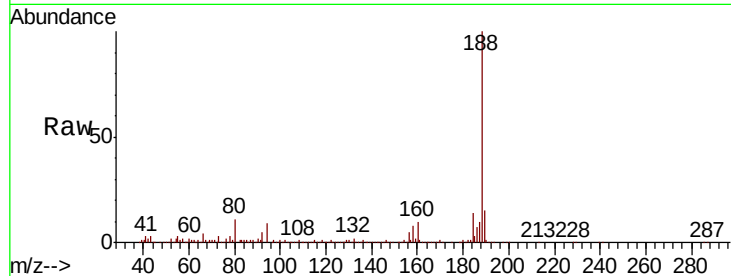
Tot Ion:188 Resp: 545695

Ion Ratio Lower Upper

188 100

94 9.3 6.6 10.0

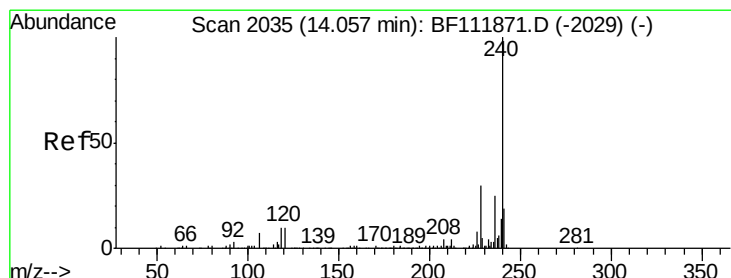
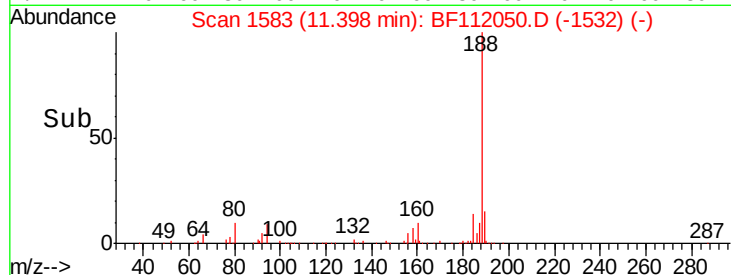
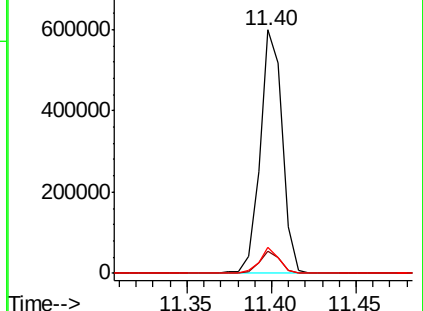
80 10.6 7.7 11.5



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

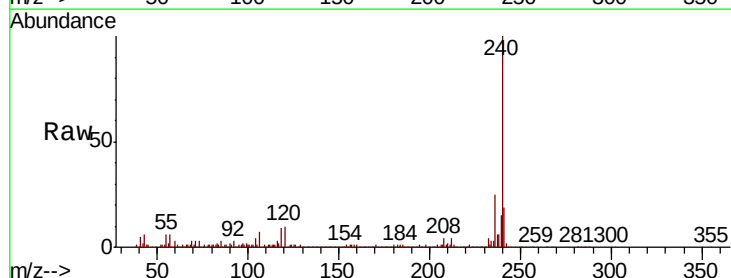
Tgt Ion:240 Resp: 442944

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

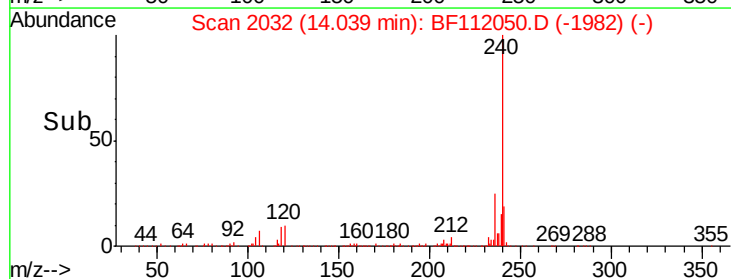
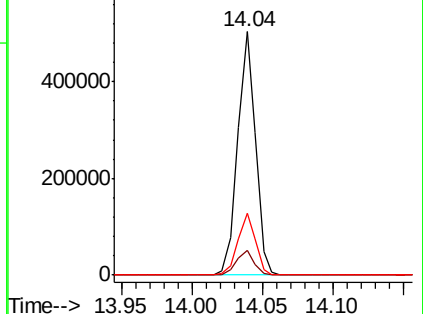
236 25.3 20.2 30.4

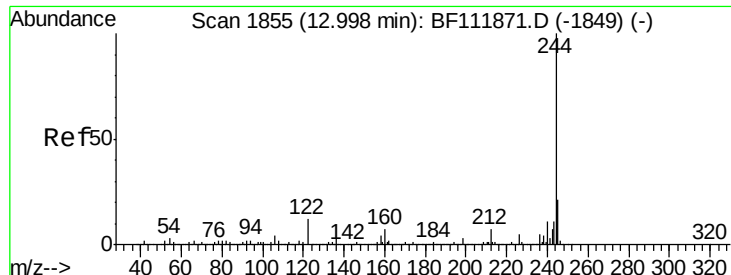


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.343 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

Instrument :

BNA_F

ClientSampleId :

EFF-WW

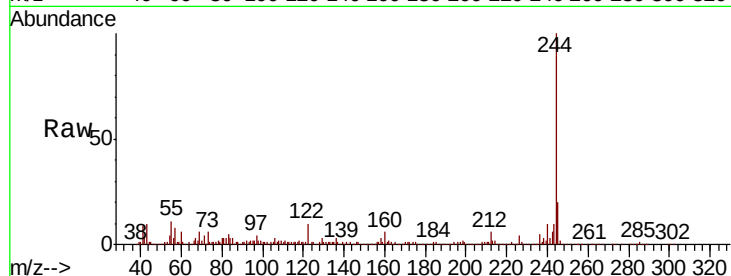
Tot Ion:244 Resp: 288012

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

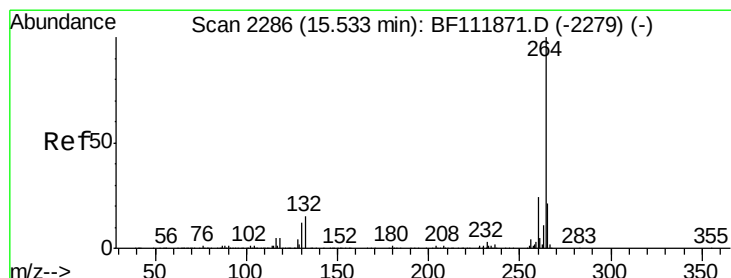
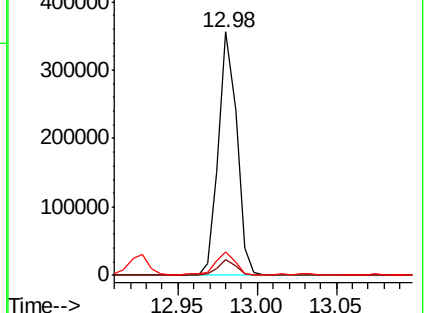
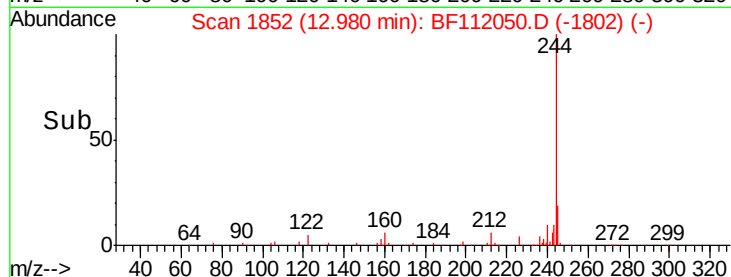
122 9.8 9.5 14.3



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112050.D

Acq: 14 Jan 2019 15:04

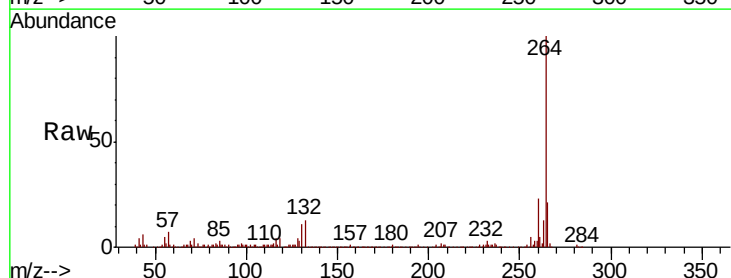
Tgt Ion:264 Resp: 259687

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.8 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

