

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092682.D
 Acq On : 31 Jan 2017 15:42
 Operator : SJ/MA
 Sample : I1529-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(15-60)

Quant Time: Jan 31 17:13:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148025	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	581347	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	309894	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	511185	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	460153	20.00	ng	-0.02
86) Perylene-d12	15.60	264	389309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1111303	128.80	ng	0.00
7) Phenol-d6	6.59	99	1220521	109.94	ng	-0.01
23) Nitrobenzene-d5	7.52	82	975715	93.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	333507	148.80	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1728432	101.05	ng	-0.01
78) Terphenyl-d14	13.08	244	1688099	86.20	ng	0.00

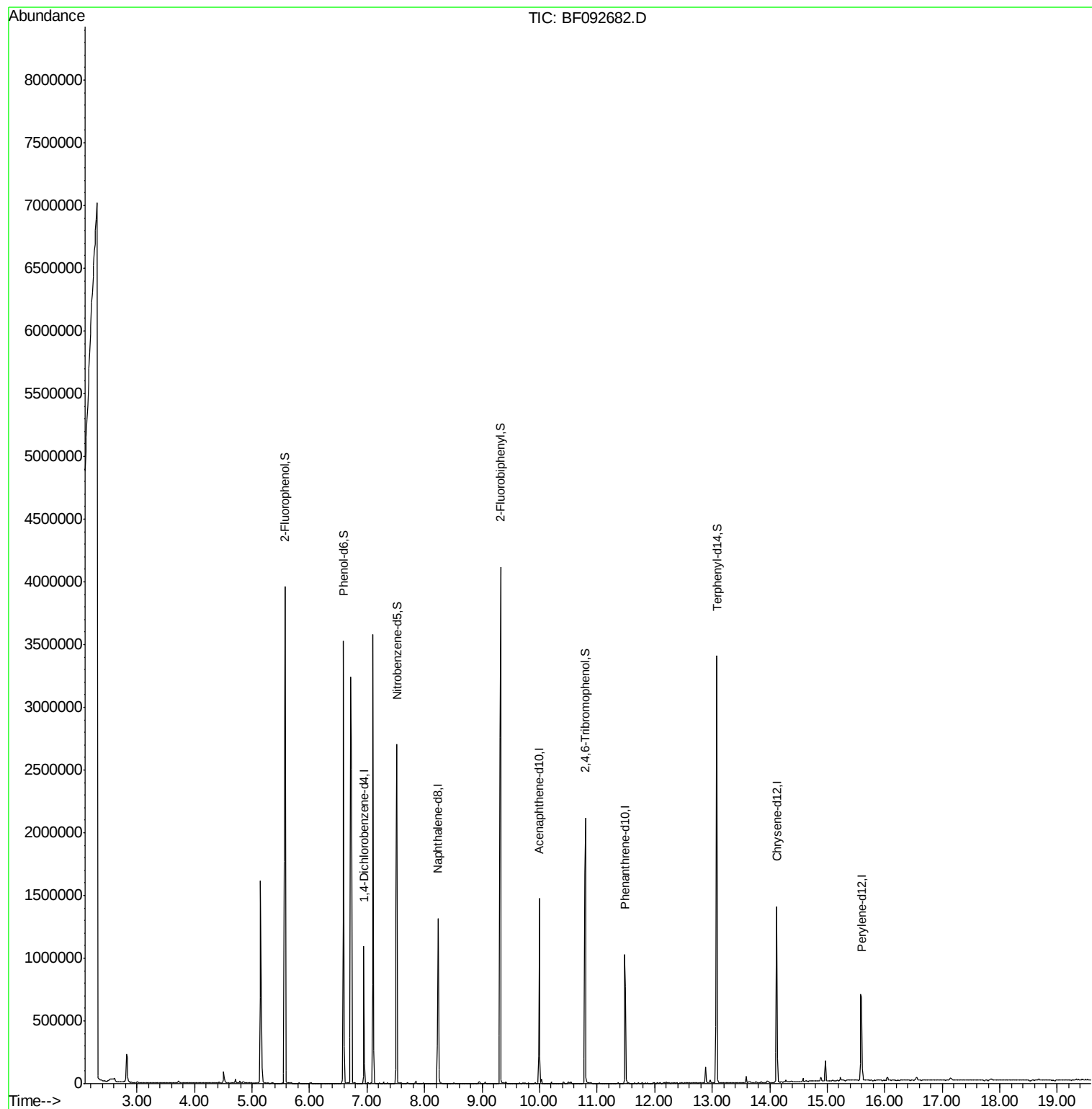
Target Compounds Qvalue

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

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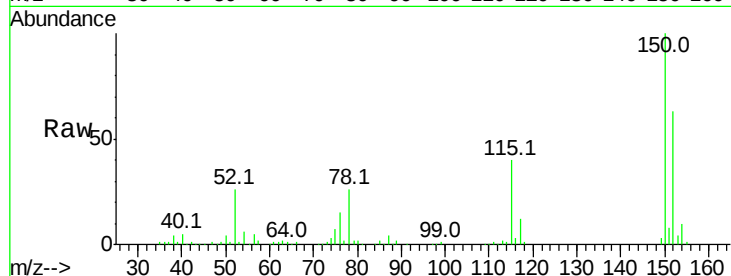


#1

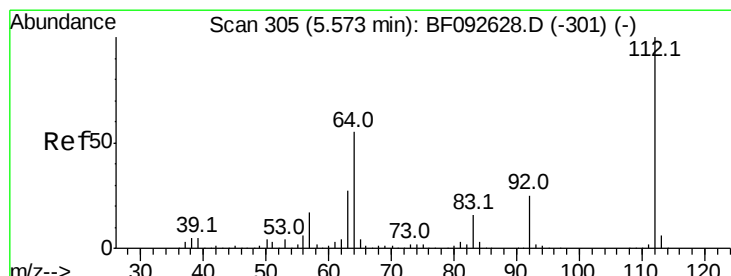
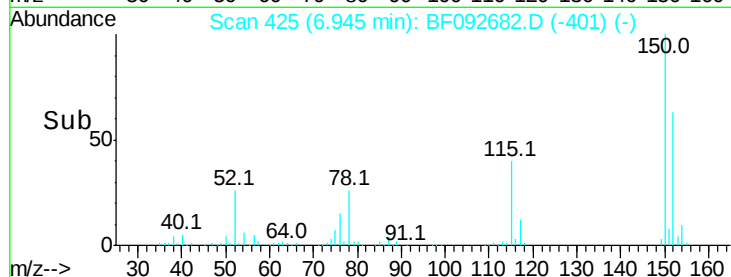
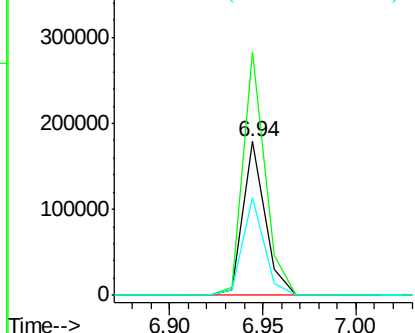
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(15-60)

Tot Ion:152 Resp: 148025
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 63.7 46.0 69.0



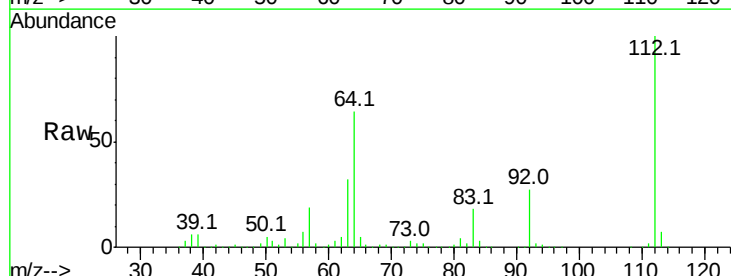
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



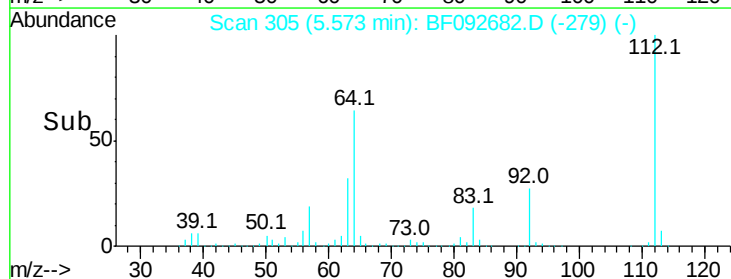
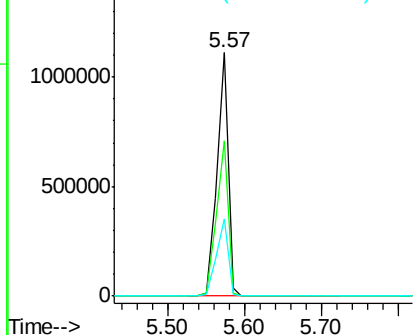
#5

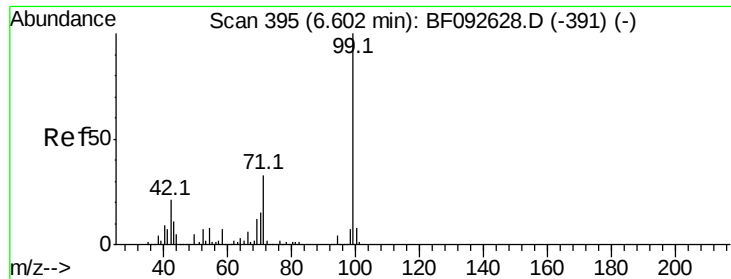
2-Fluorophenol
Concen: 128.80 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF092682.D
Acq: 31 Jan 2017 15:42

Tgt Ion:112 Resp: 1111303
Ion Ratio Lower Upper
112 100
64 63.8 46.1 69.1
63 31.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.94 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

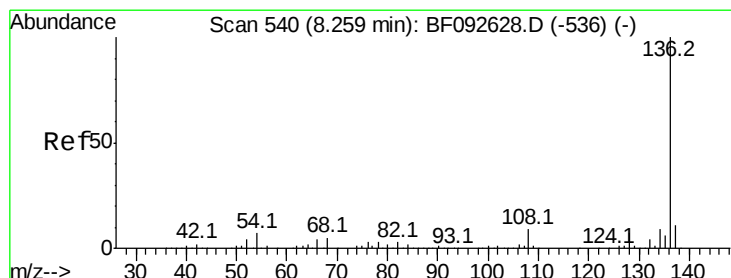
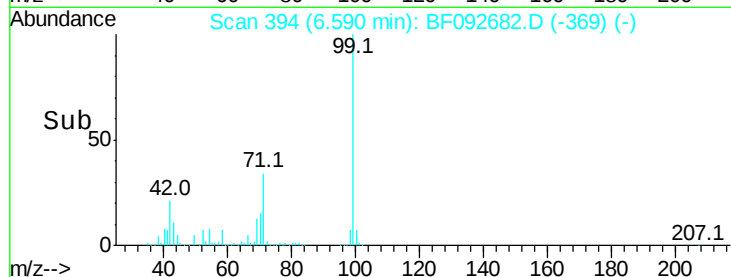
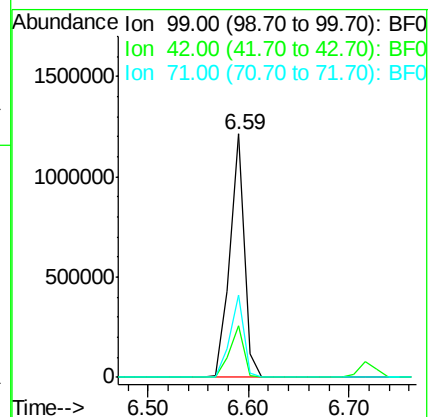
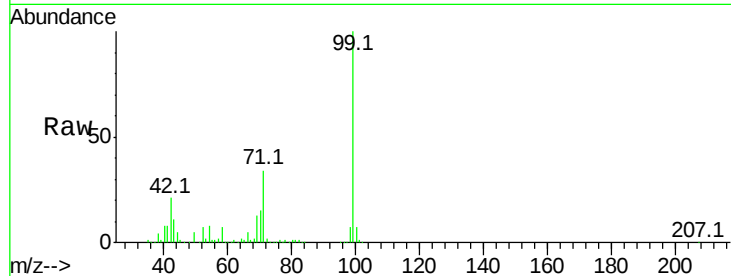
Tot Ion: 99 Resp: 1220521

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

71 33.8 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Tgt Ion: 136 Resp: 581347

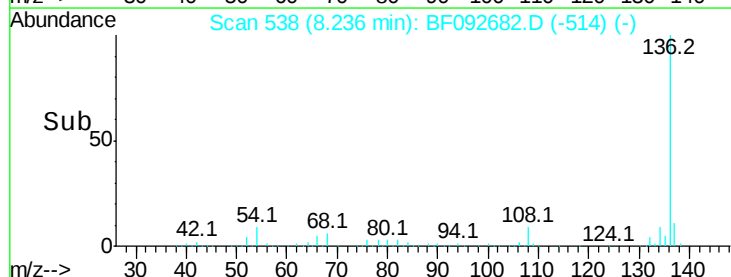
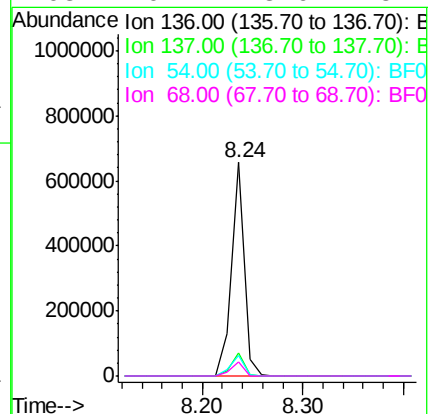
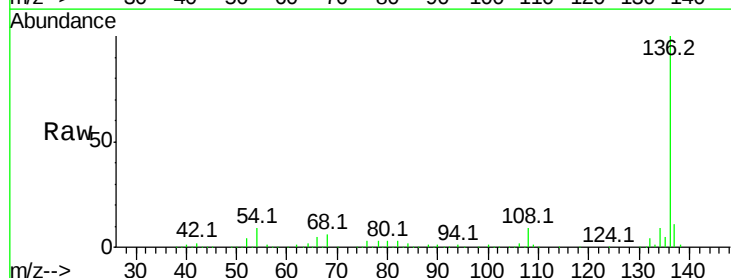
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.4 4.5 6.7#

68 6.4 3.6 5.4#

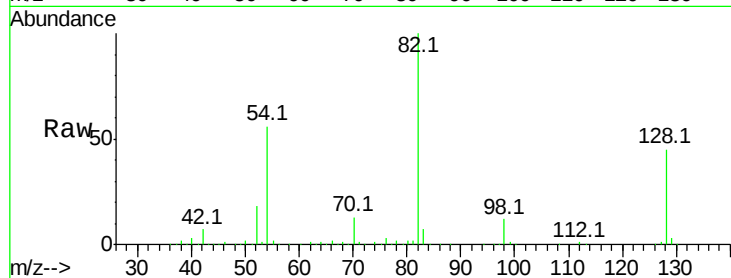




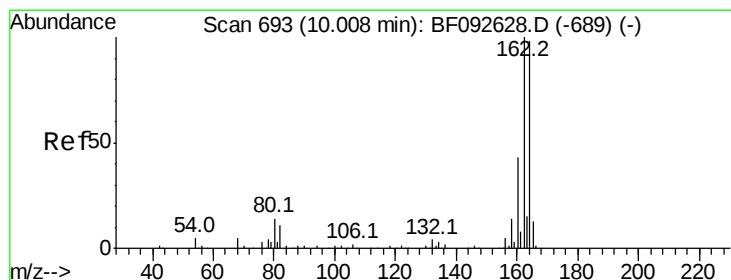
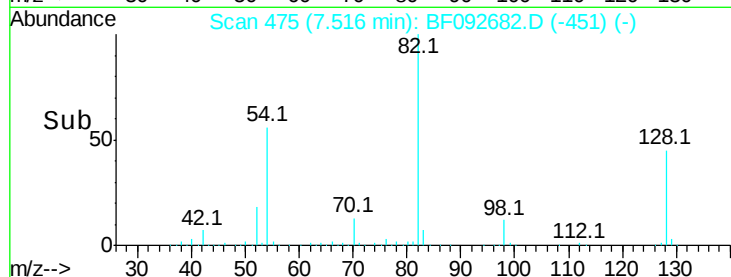
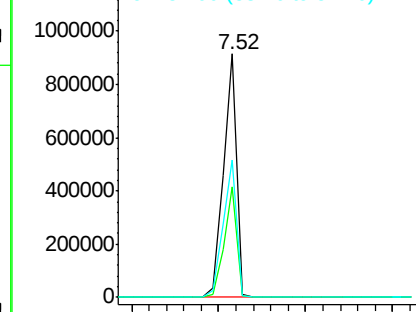
#23
 Nitrobenzene-d5
 Concen: 93.46 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(15-60)

Tot Ion: 82 Resp: 975715
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 56.2 39.5 59.3

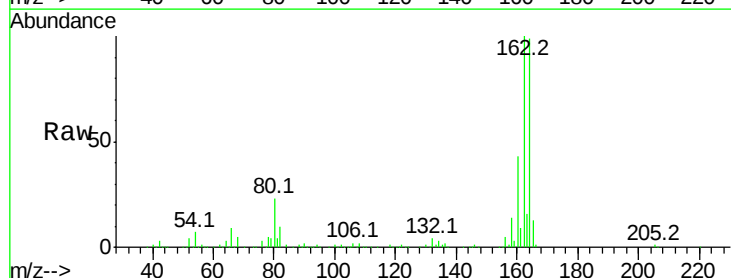


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

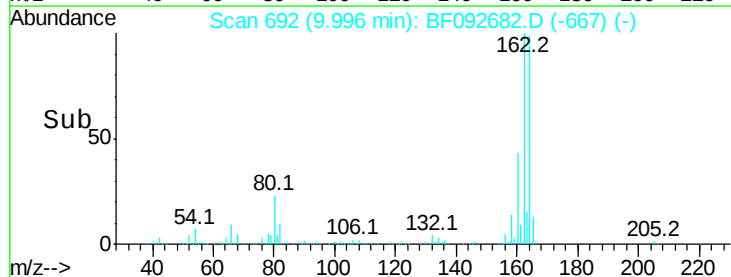
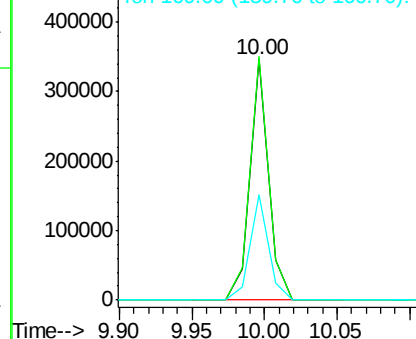


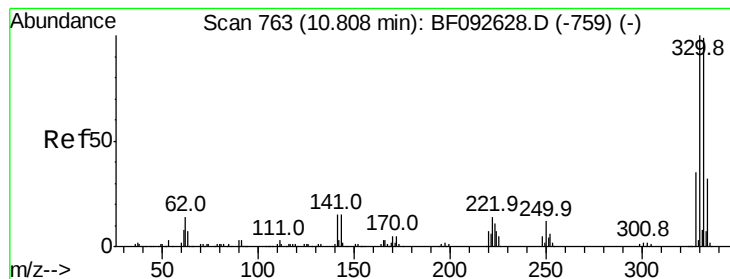
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

Tgt Ion:164 Resp: 309894
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 43.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 148.80 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

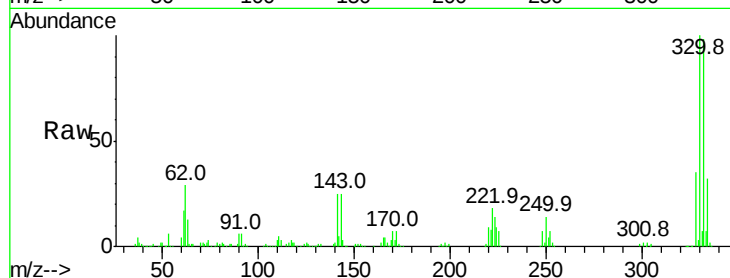
Tot Ion:330 Resp: 333507

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

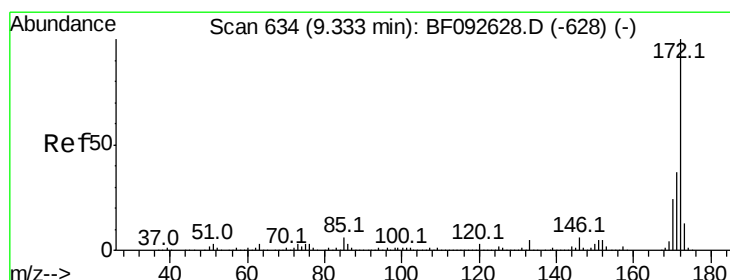
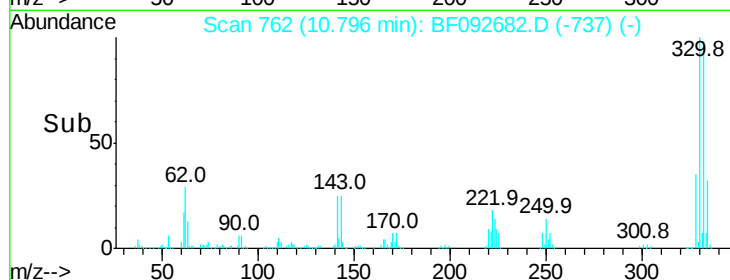
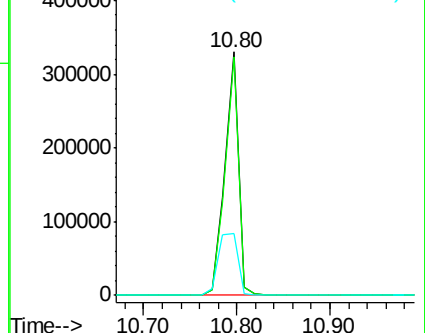
141 36.9 34.1 51.1



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



#44

2-Fluorobiphenyl

Concen: 101.05 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

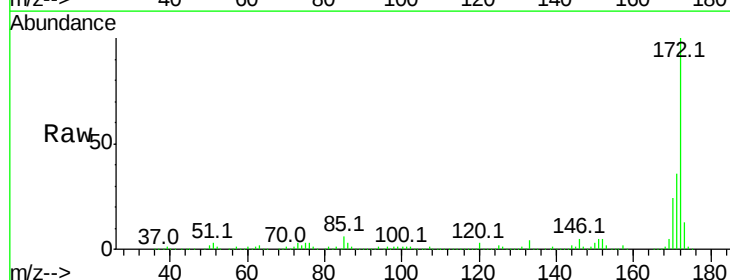
Tgt Ion:172 Resp: 1728432

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

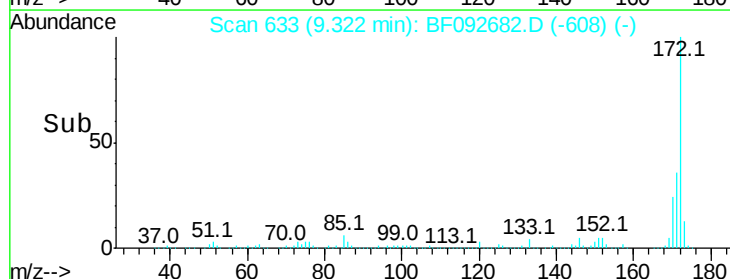
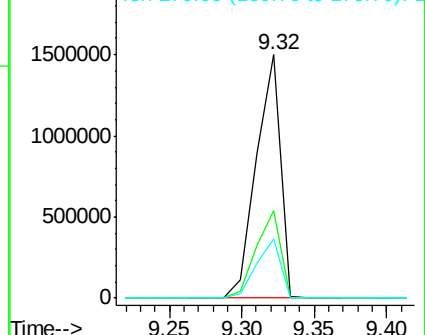
170 24.4 20.2 30.4



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

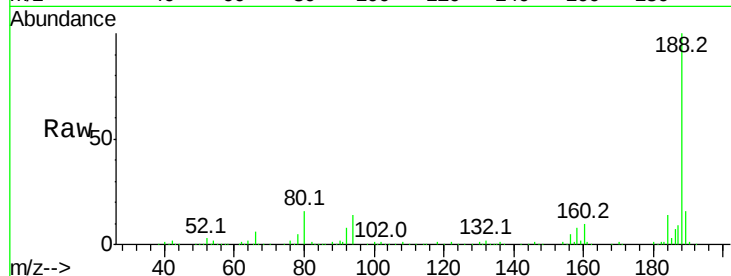




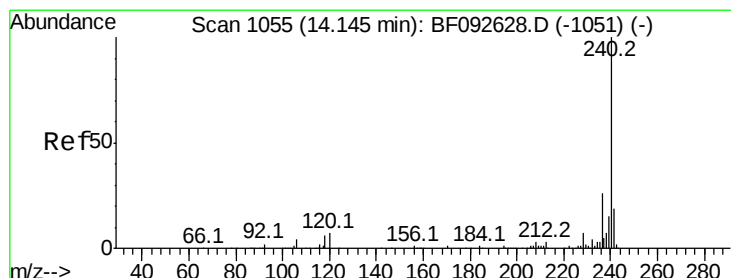
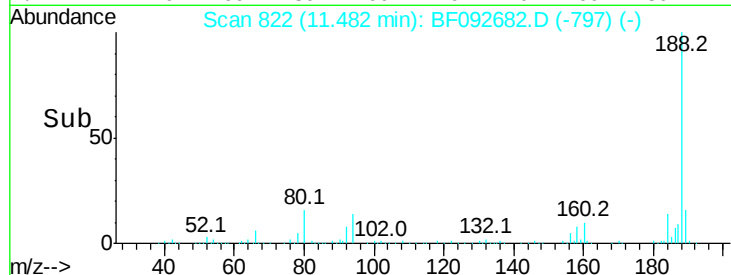
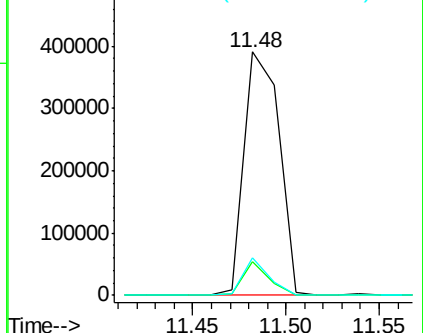
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(15-60)

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.0	10.0	15.0
80	15.6	11.2	16.8

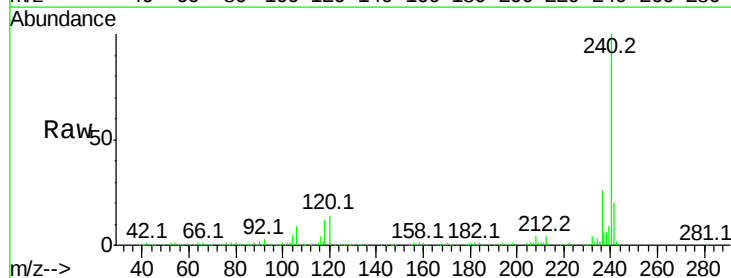


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

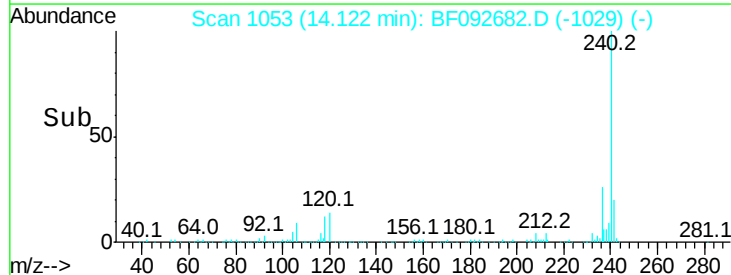
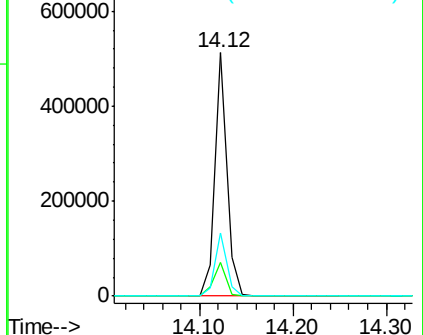


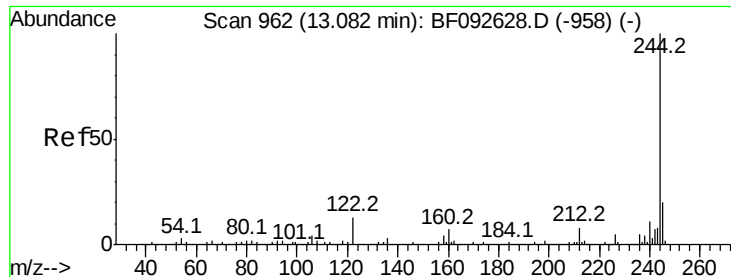
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092682.D
 Acq: 31 Jan 2017 15:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	26.1	20.9	31.3



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





#78

Terphenyl-d14

Concen: 86.20 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

Tot Ion:244 Resp: 1688099

Ion Ratio Lower Upper

244 100

212 6.9

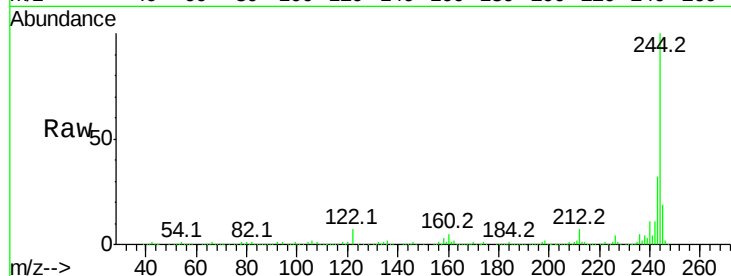
6.2

9.2

122 7.1

11.4

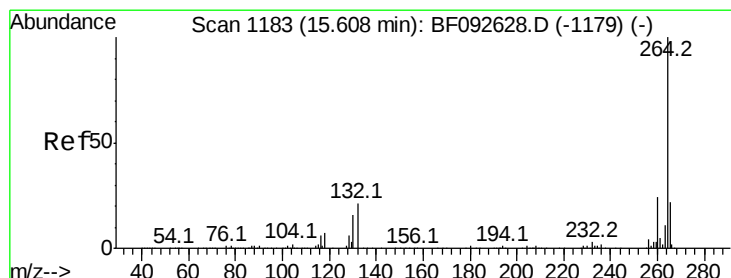
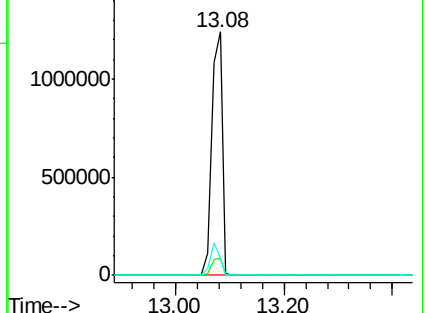
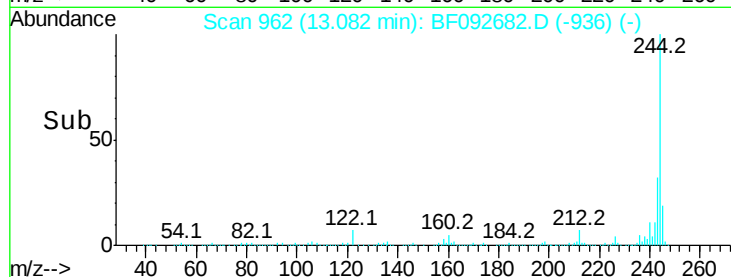
17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092682.D

Acq: 31 Jan 2017 15:42

Tgt Ion:264 Resp: 389309

Ion Ratio Lower Upper

264 100

260 23.9

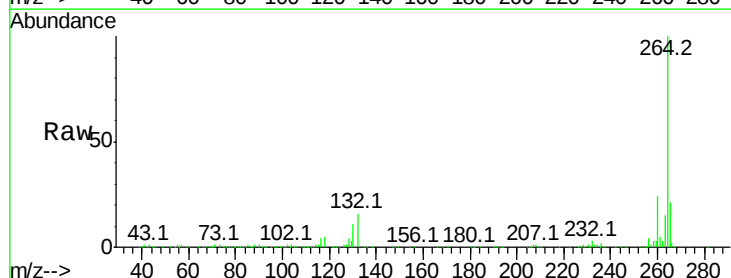
19.2

28.8

265 20.7

17.4

26.0



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

