

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092666.D
 Acq On : 31 Jan 2017 7:11
 Operator : SJ/MA
 Sample : I1529-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jan 31 09:48:12 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	6.97	152	148459	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	578068	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	278368	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	399478	20.00	ng	0.00
75) Chrysene-d12	14.13	240	311365	20.00	ng	-0.01
86) Perylene-d12	15.61	264	229838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1116229	128.99	ng	0.01
7) Phenol-d6	6.61	99	1501287	134.84	ng	0.01
23) Nitrobenzene-d5	7.53	82	878397	84.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	255314	126.81	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1633861	106.33	ng	0.00
78) Terphenyl-d14	13.08	244	1091957	82.40	ng	0.00

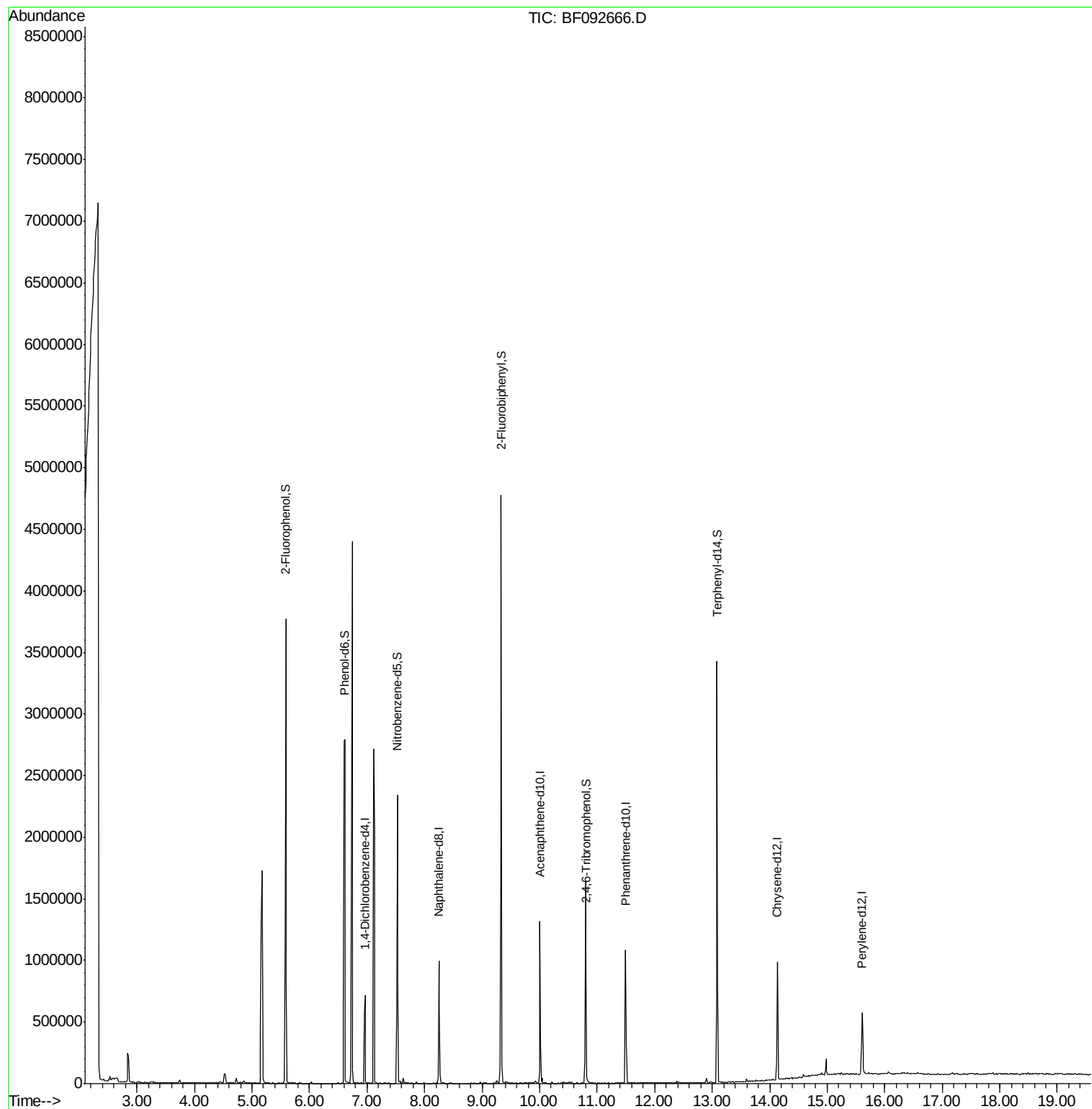
Target Compounds Qvalue

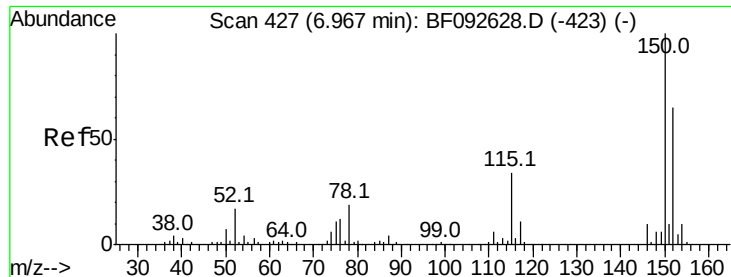
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

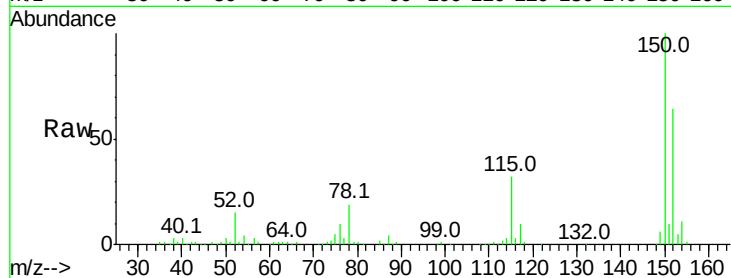
Tot Ion:152 Resp: 148459

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

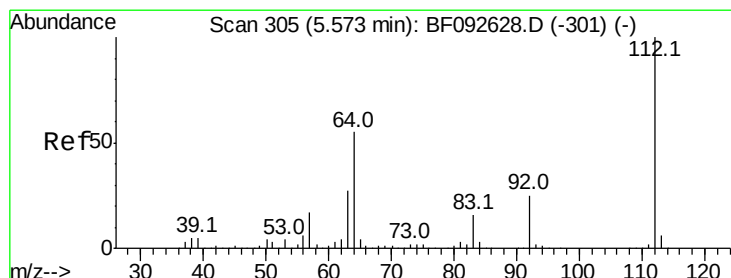
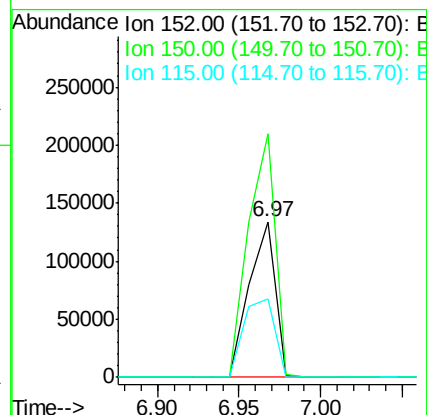
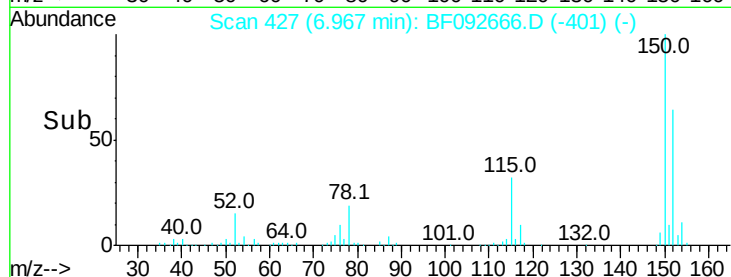
115 50.5 46.0 69.0



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: 128.99 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

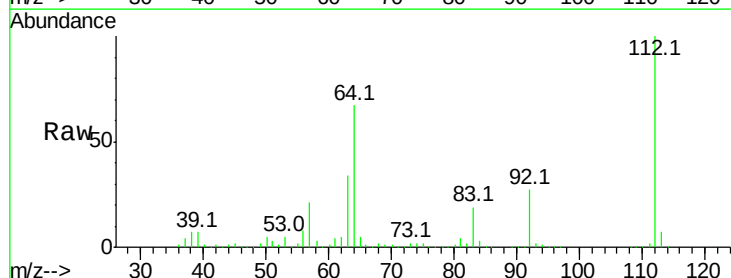
Tgt Ion:112 Resp: 1116229

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

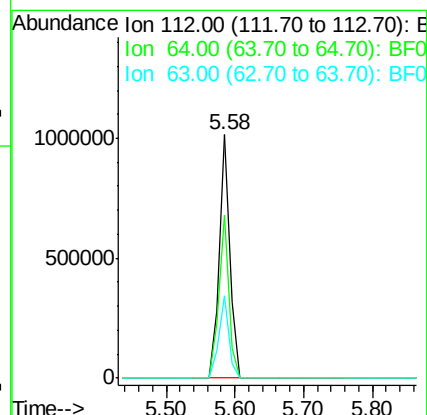
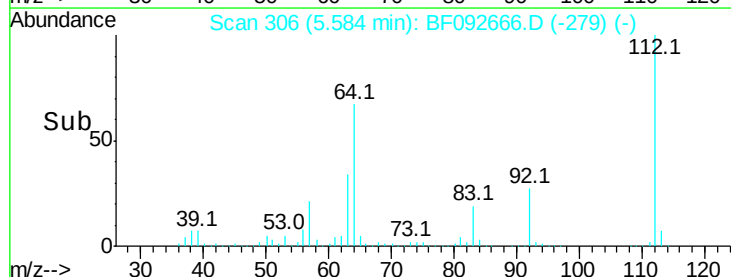
63 34.0 23.8 35.6

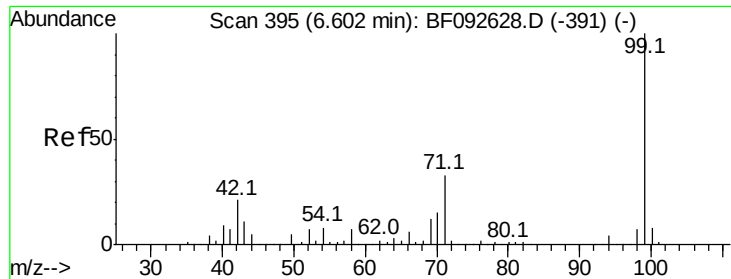


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.84 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

Instrument :

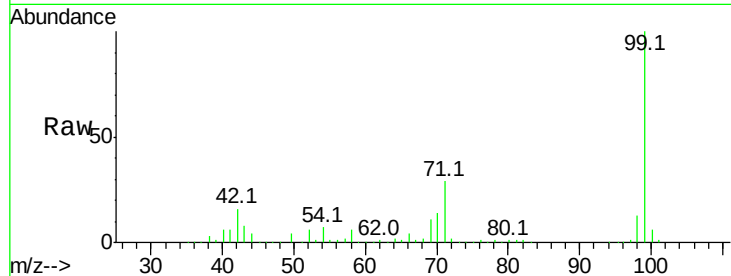
BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

Tot Ion: 99 Resp: 1501287

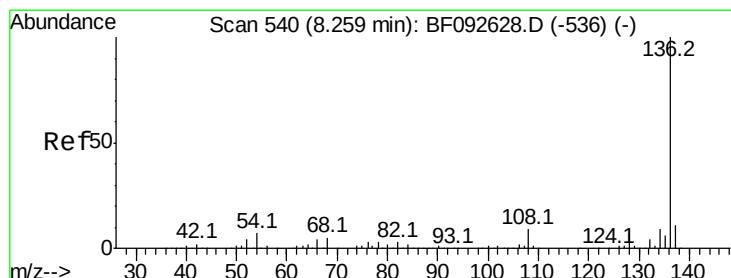
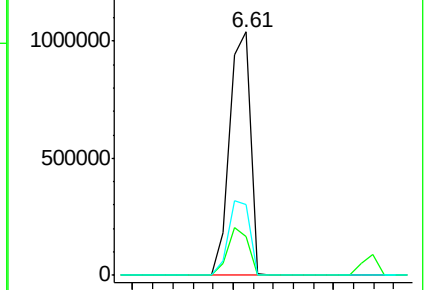
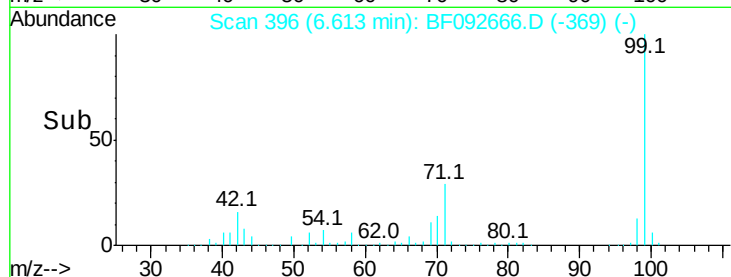
Ion	Ratio	Lower	Upper
99	100		
42	16.1	15.6	23.4
71	28.9	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

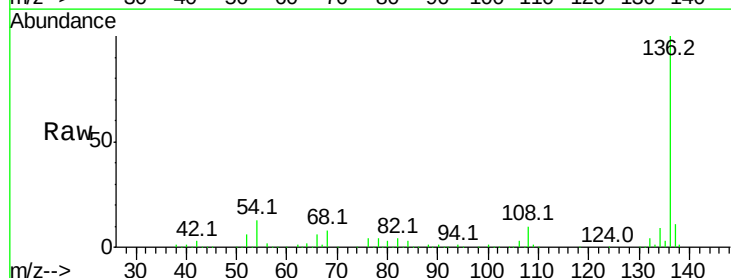
Delta R.T. -0.01 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

Tgt Ion:136 Resp: 578068

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.7	4.5	6.7#
68	8.1	3.6	5.4#

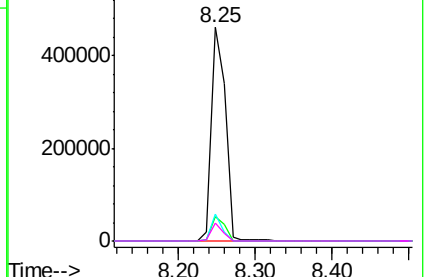
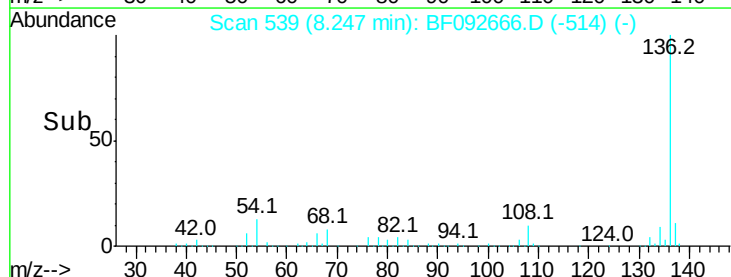


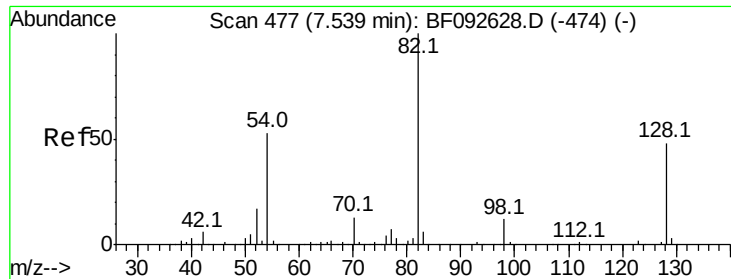
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 84.62 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

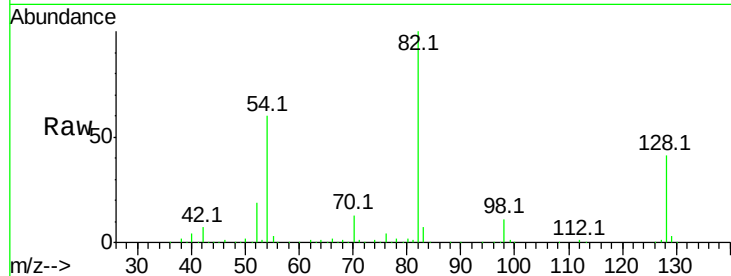
Tot Ion: 82 Resp: 878397

Ion Ratio Lower Upper

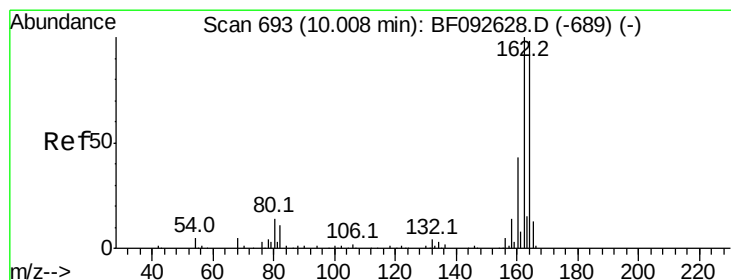
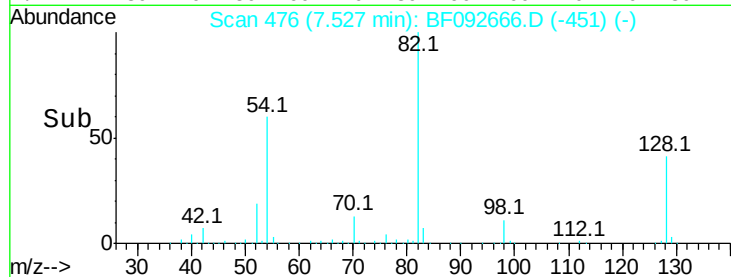
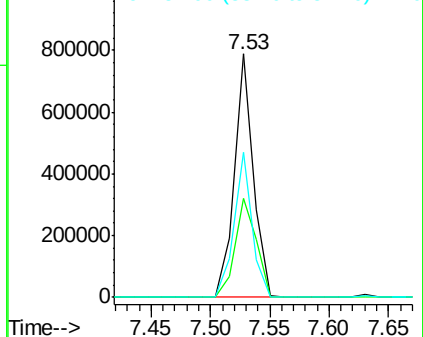
82 100

128 40.6 34.6 52.0

54 59.7 39.5 59.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

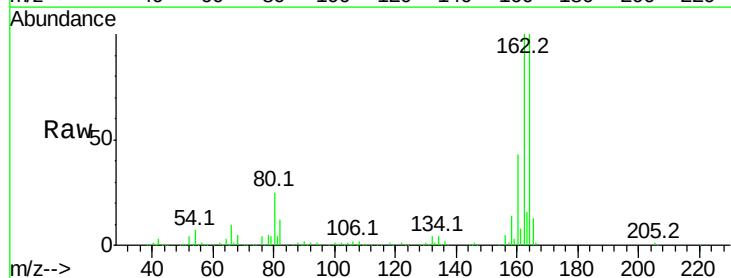
Tgt Ion:164 Resp: 278368

Ion Ratio Lower Upper

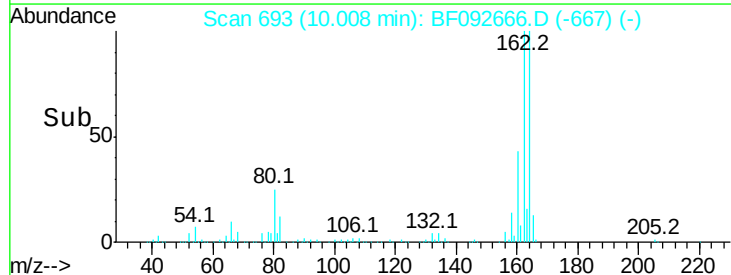
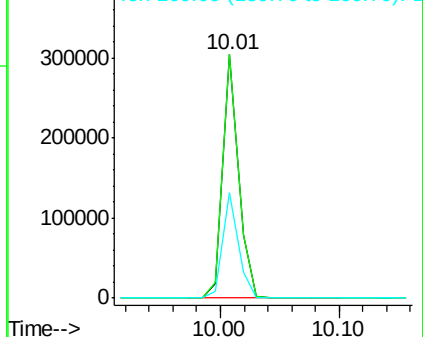
164 100

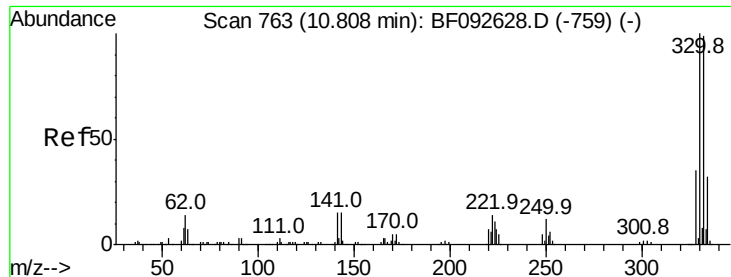
162 100.1 80.2 120.2

160 43.5 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

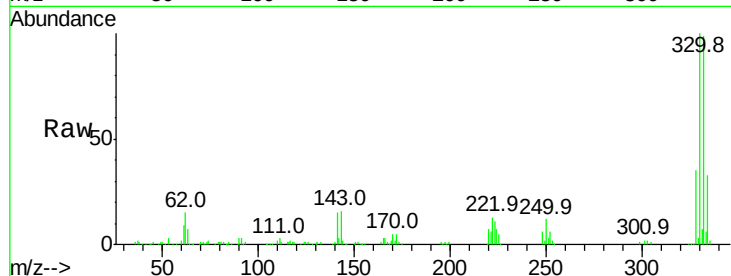




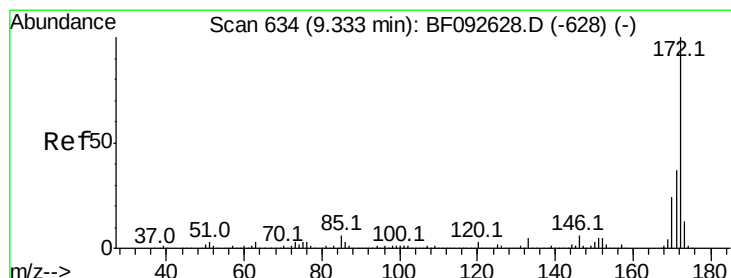
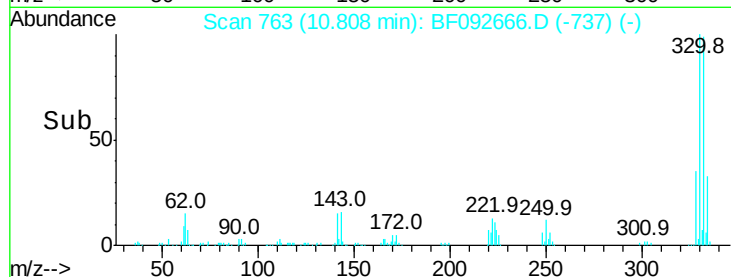
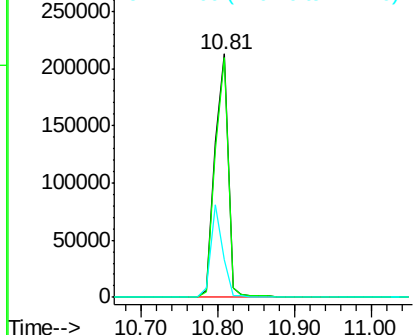
#41
 2,4,6-Tribromophenol
 Concen: 126.81 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092666.D
 Acq: 31 Jan 2017 7:11

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

Tot Ion:330 Resp: 255314
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 34.3 34.1 51.1

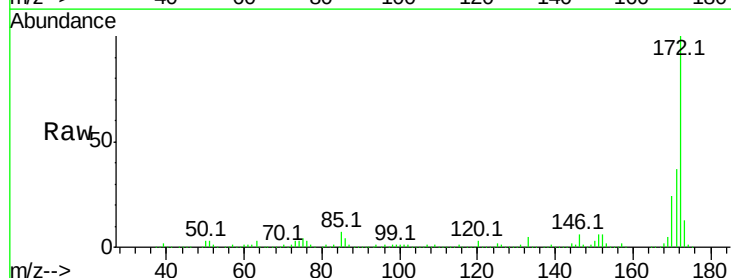


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

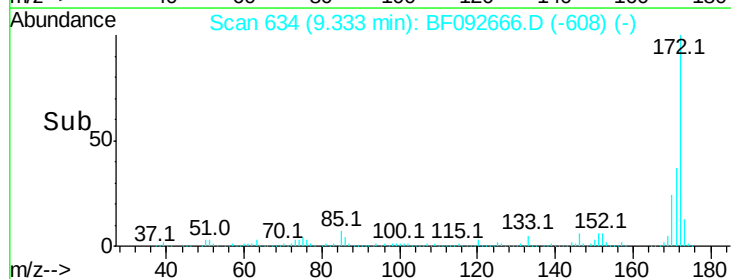
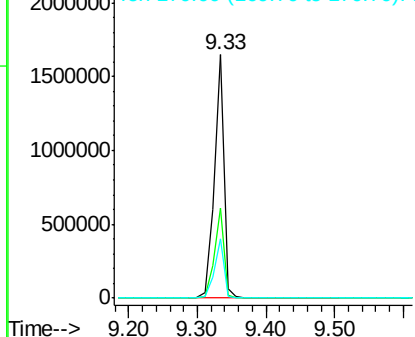


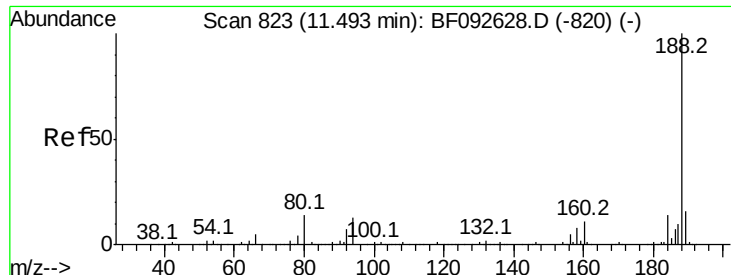
#44
 2-Fluorobiphenyl
 Concen: 106.33 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092666.D
 Acq: 31 Jan 2017 7:11

Tgt Ion:172 Resp: 1633861
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.3 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

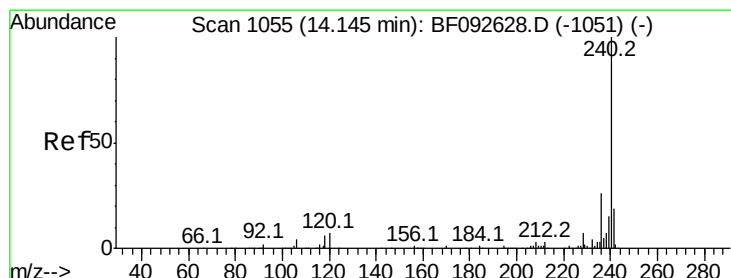
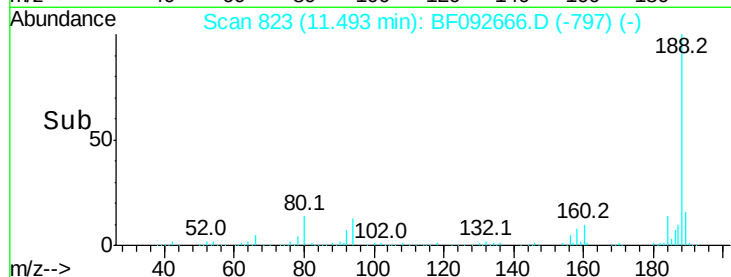
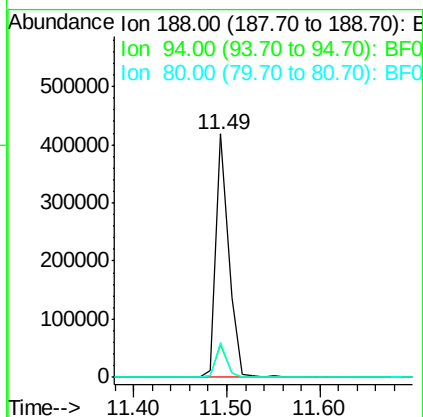
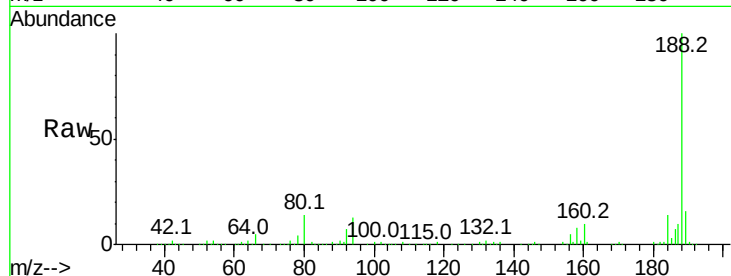




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF092666.D
 Acq: 31 Jan 2017 7:11

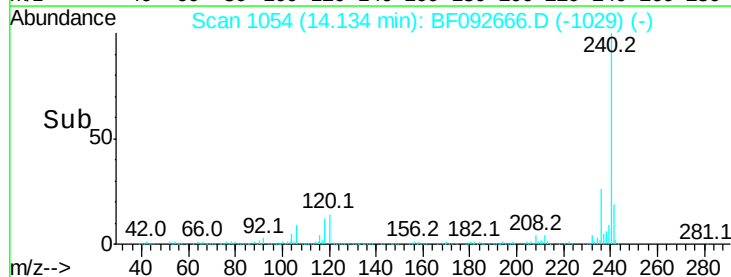
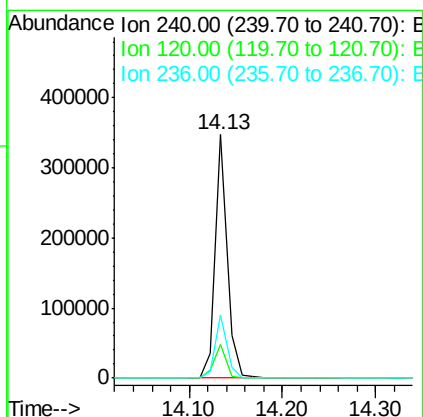
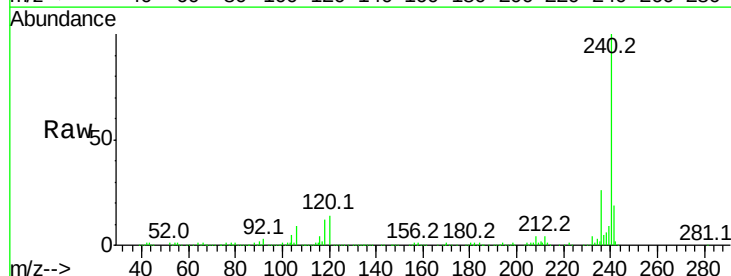
Instrument :
 BNA_F
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 ELT-WCS012617(15-60)

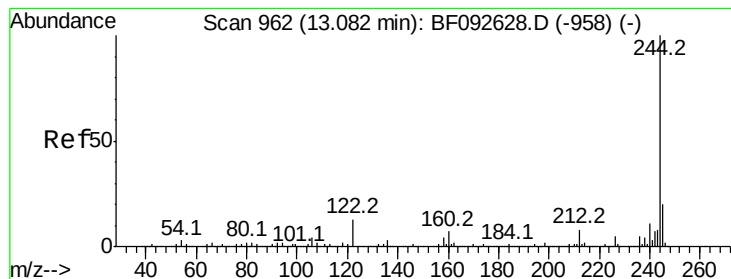
Tot Ion:188 Resp: 399478
 Ion Ratio Lower Upper
 188 100
 94 13.2 10.0 15.0
 80 14.4 11.2 16.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF092666.D
 Acq: 31 Jan 2017 7:11

Tgt Ion:240 Resp: 311365
 Ion Ratio Lower Upper
 240 100
 120 13.6 12.9 19.3
 236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 82.40 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(15-60)

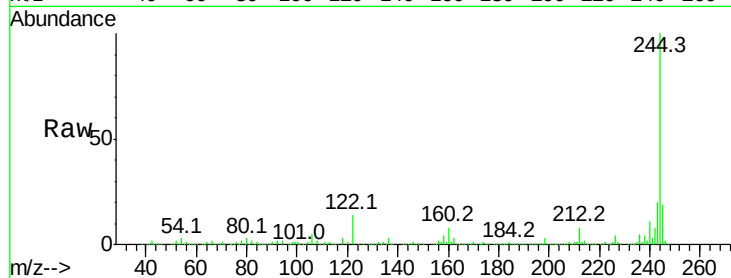
Tot Ion:244 Resp: 1091957

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

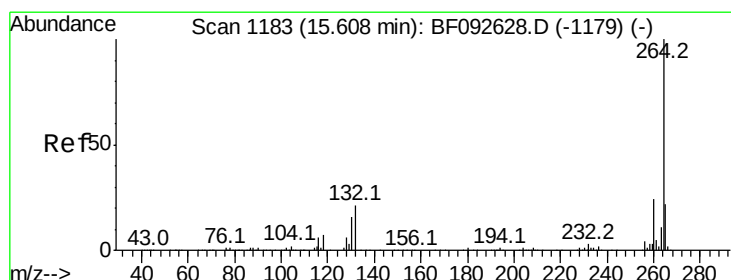
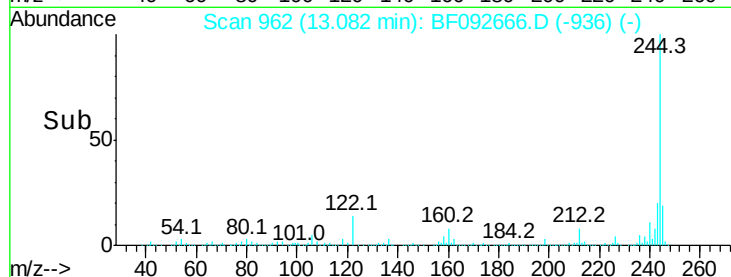
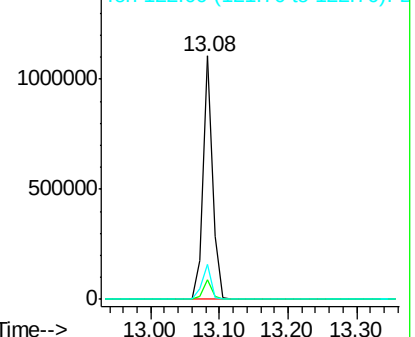
122 14.2 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092666.D

Acq: 31 Jan 2017 7:11

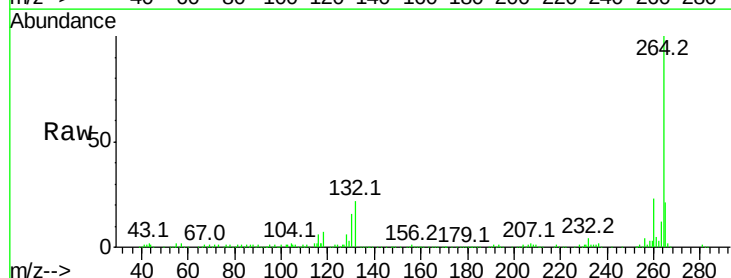
Tgt Ion:264 Resp: 229838

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.5 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

