

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092665.D
 Acq On : 31 Jan 2017 6:44
 Operator : SJ/MA
 Sample : I1529-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

Quant Time: Jan 31 07:29:04 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	152678	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	564593	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	256890	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	366982	20.00	ng	0.00
75) Chrysene-d12	14.13	240	298505	20.00	ng	-0.01
86) Perylene-d12	15.61	264	209640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1092053	122.71	ng	0.01
7) Phenol-d6	6.61	99	1422687	124.25	ng	0.01
23) Nitrobenzene-d5	7.53	82	847561	83.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	261488	140.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1525886	107.61	ng	0.00
78) Terphenyl-d14	13.08	244	1044943	82.25	ng	0.00

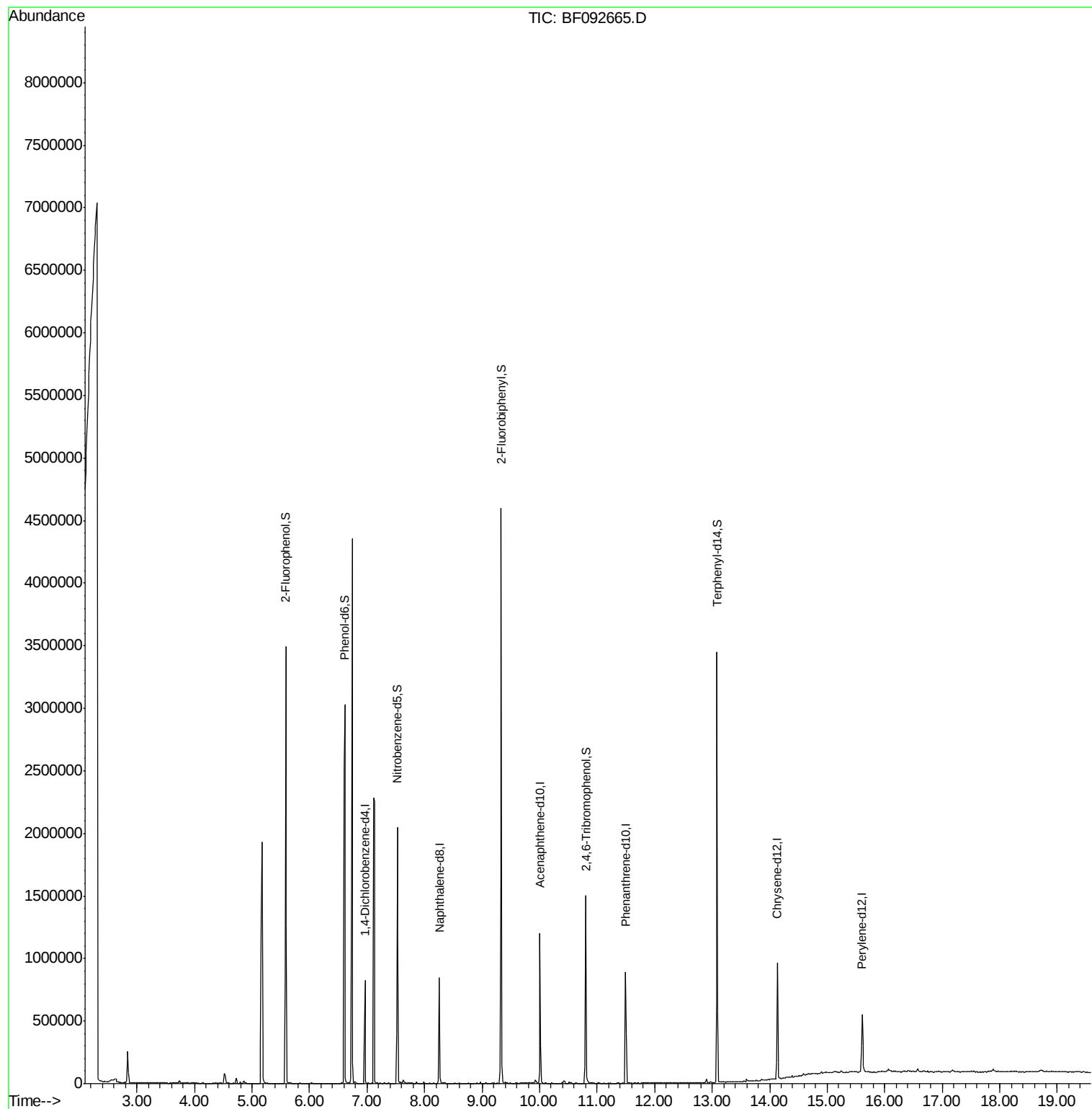
Target Compounds Qvalue

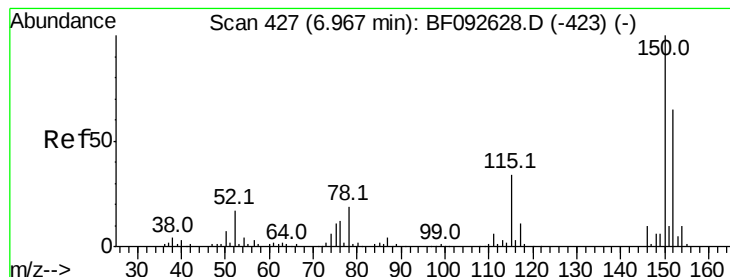
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092665.D

Acq: 31 Jan 2017 6:44

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

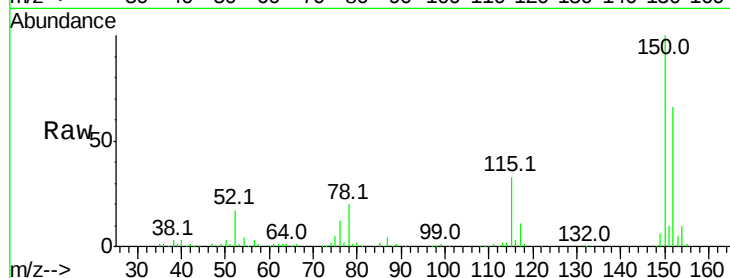
Tot Ion:152 Resp: 152678

Ion Ratio Lower Upper

152 100

150 150.8 124.9 187.3

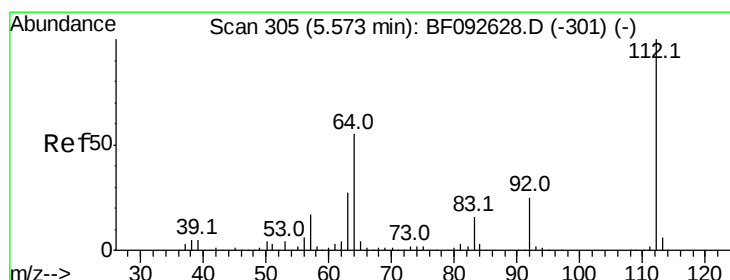
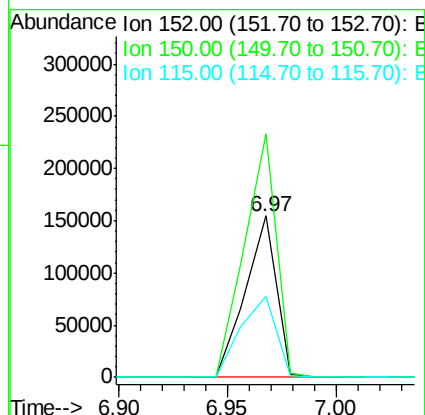
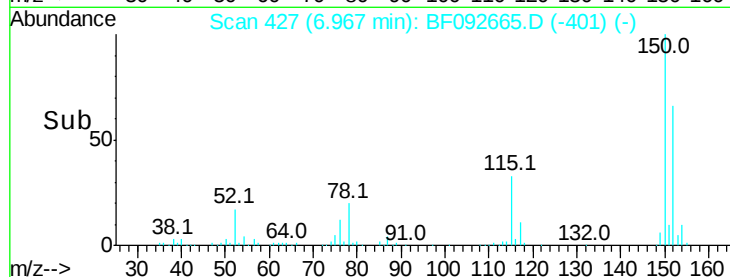
115 50.4 46.0 69.0



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: 122.71 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092665.D

Acq: 31 Jan 2017 6:44

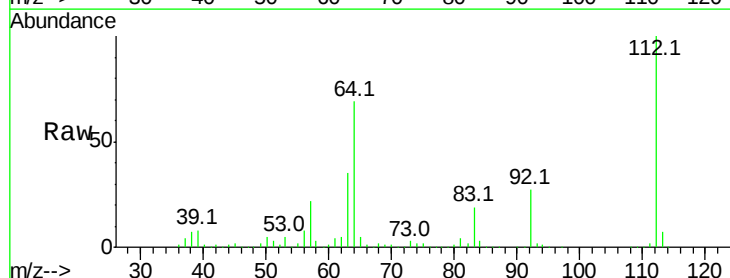
Tgt Ion:112 Resp: 1092053

Ion Ratio Lower Upper

112 100

64 69.1 46.1 69.1

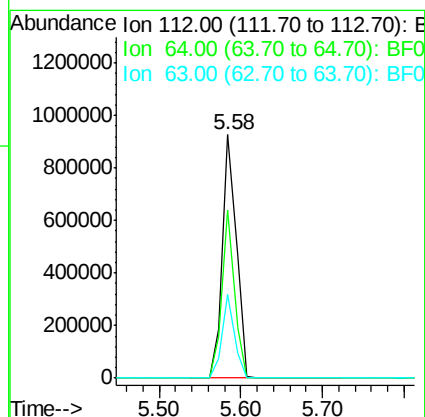
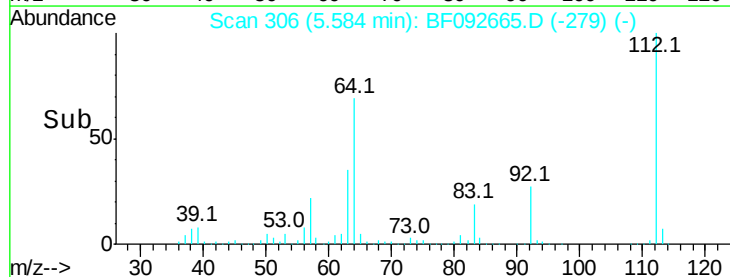
63 34.6 23.8 35.6

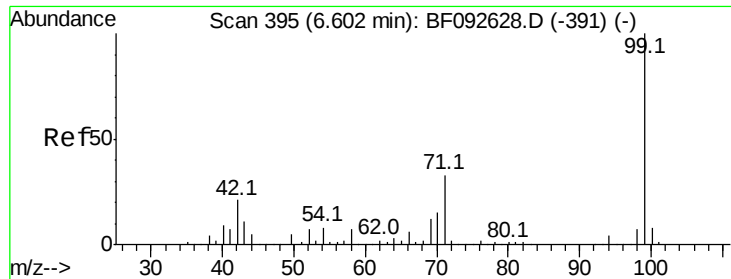


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.25 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092665.D

Acq: 31 Jan 2017 6:44

Instrument :

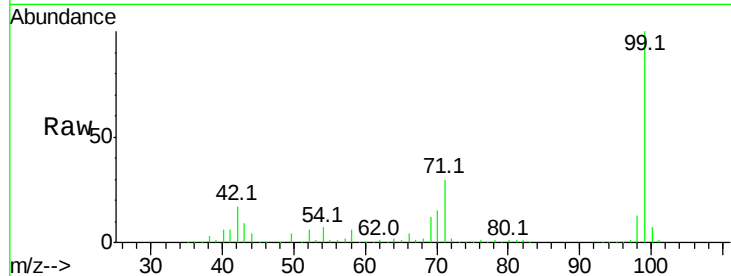
BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

Tot Ion: 99 Resp: 1422687

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	30.2	27.5	41.3

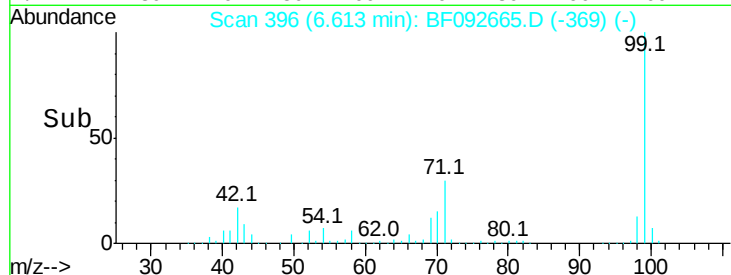


Abundance

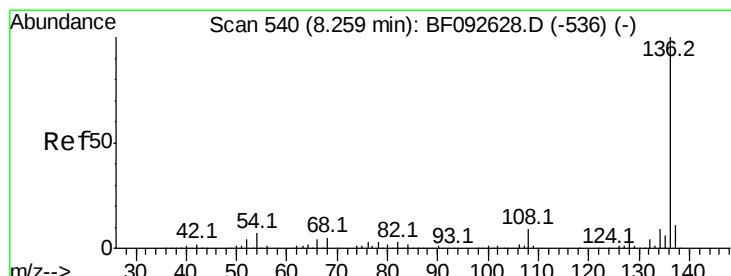
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

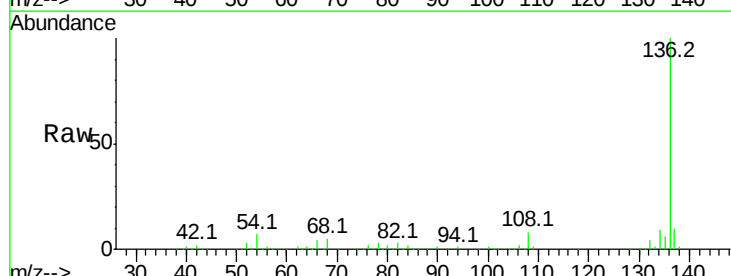
Delta R.T. 0.00 min

Lab File: BF092665.D

Acq: 31 Jan 2017 6:44

Tgt Ion:136 Resp: 564593

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	6.6	4.5	6.7
68	4.9	3.6	5.4



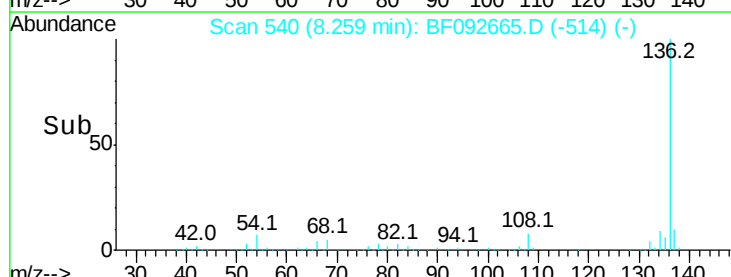
Abundance

Ion 136.00 (135.70 to 136.70): E

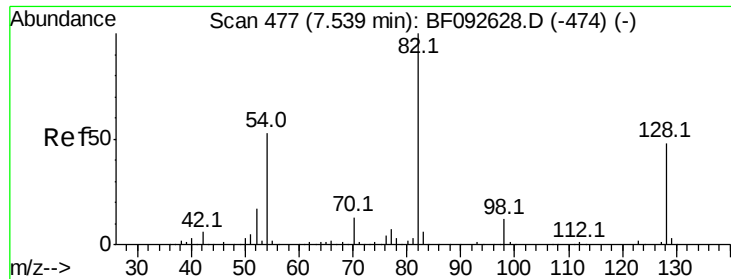
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



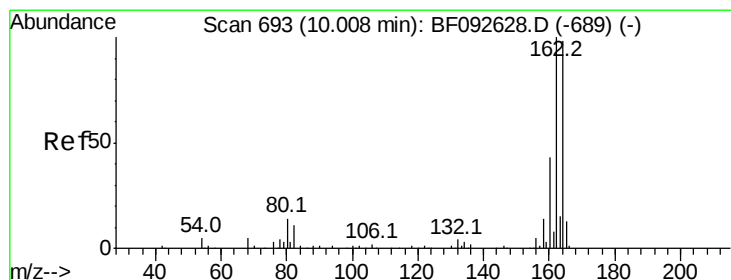
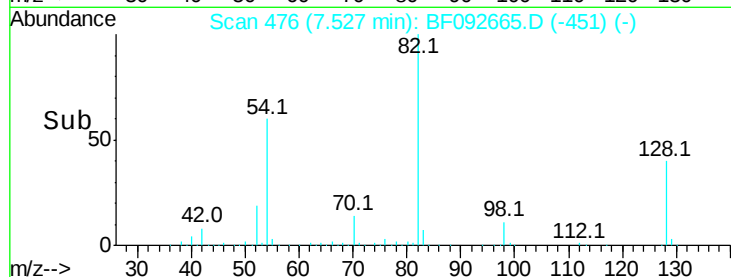
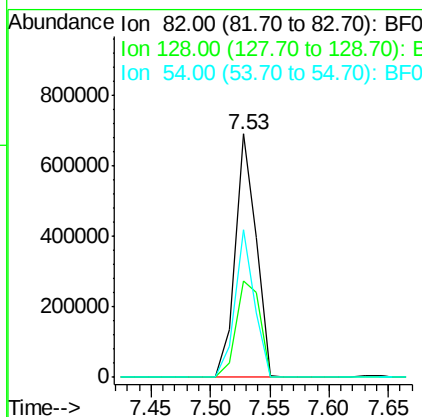
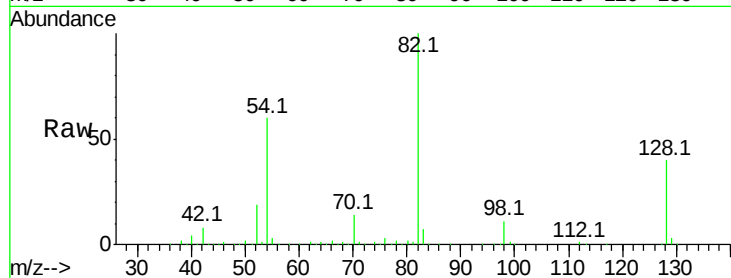
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.60 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092665.D
 Acq: 31 Jan 2017 6:44

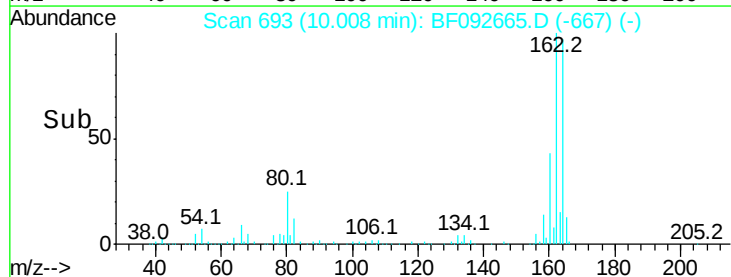
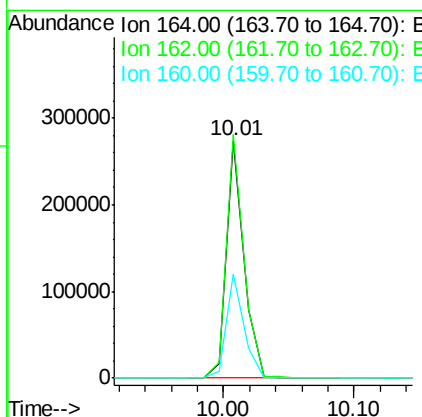
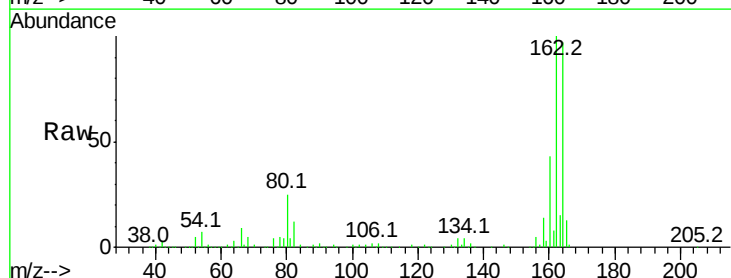
Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

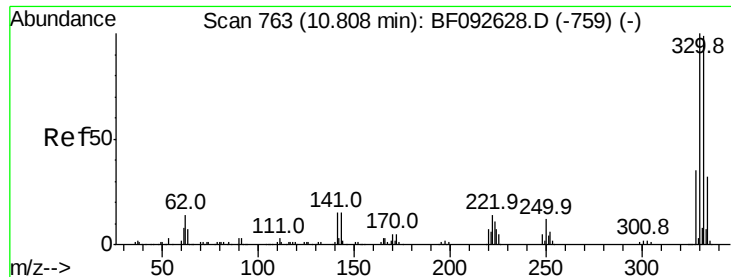
Tot Ion: 82 Resp: 847561
 Ion Ratio Lower Upper
 82 100
 128 39.6 34.6 52.0
 54 60.5 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092665.D
 Acq: 31 Jan 2017 6:44

Tgt Ion:164 Resp: 256890
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.2 120.2
 160 43.7 36.9 55.3

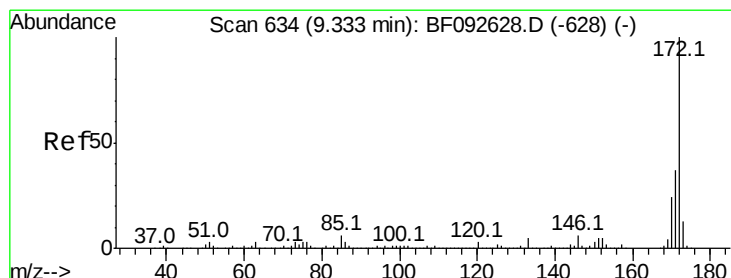
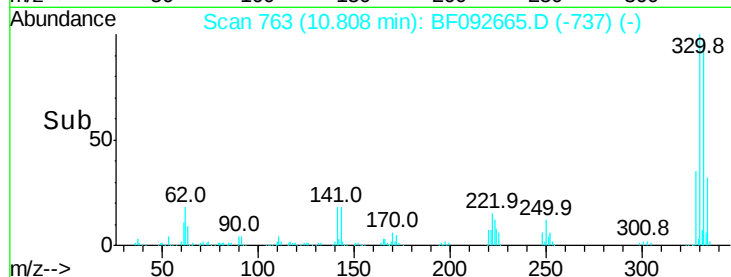
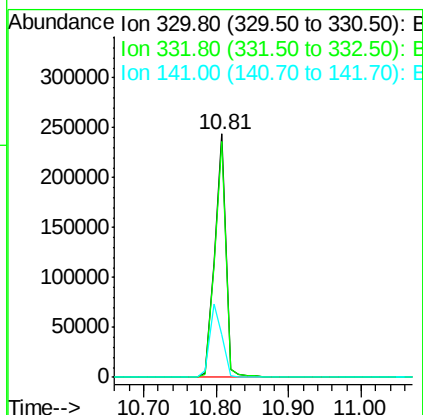
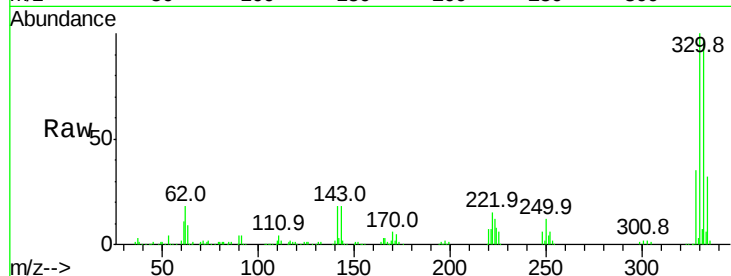




#41
 2,4,6-Tribromophenol
 Concen: 140.74 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092665.D
 Acq: 31 Jan 2017 6:44

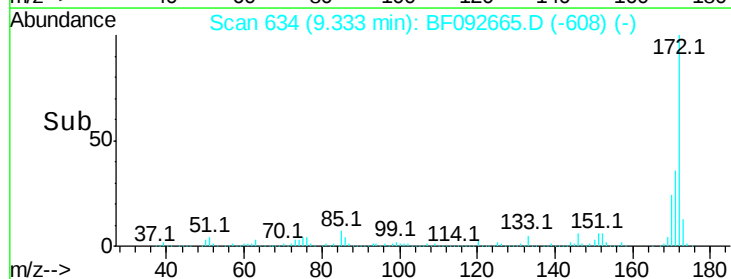
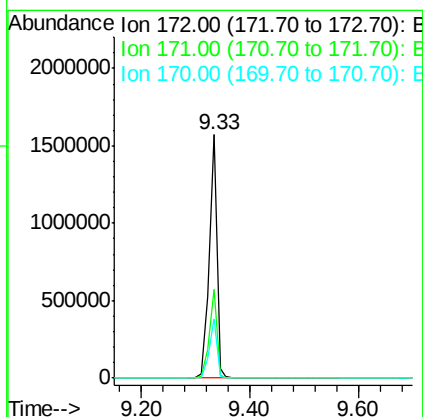
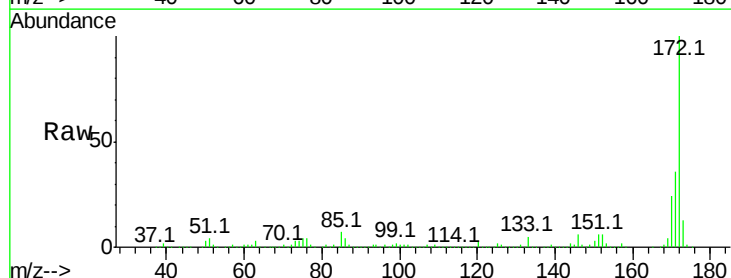
Instrument :
 BNA_F
 ClientSampleId :
 ELT-WCS012617(0-15)

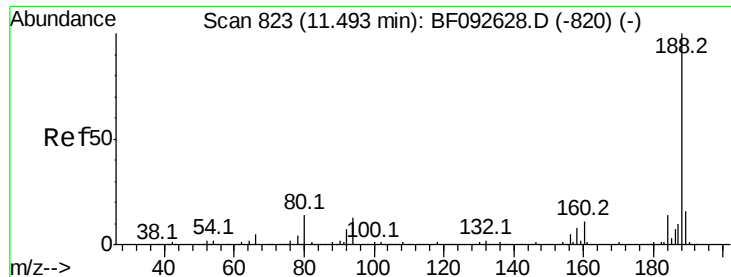
Tot Ion:330 Resp: 261488
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 33.3 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 107.61 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092665.D
 Acq: 31 Jan 2017 6:44

Tgt Ion:172 Resp: 1525886
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 20.2 30.4

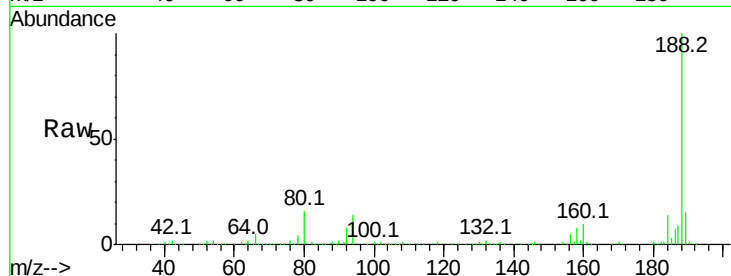




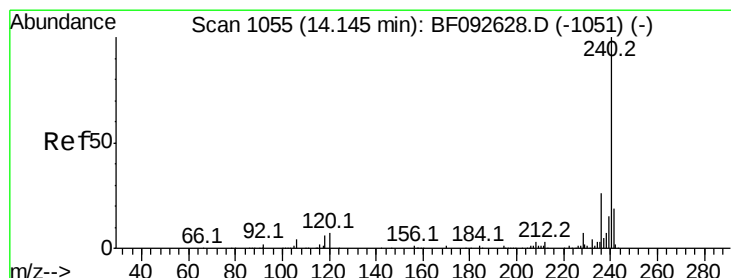
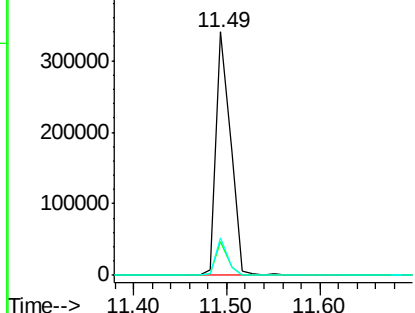
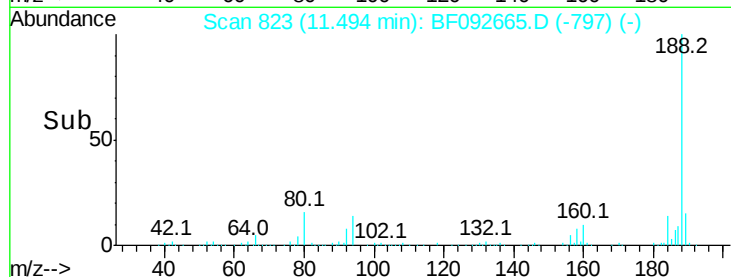
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092665.D
Acq: 31 Jan 2017 6:44

Instrument :
BNA_F
ClientSampleId :
ELT-WCS012617(0-15)

Tot Ion:188 Resp: 366982
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 15.6 11.2 16.8

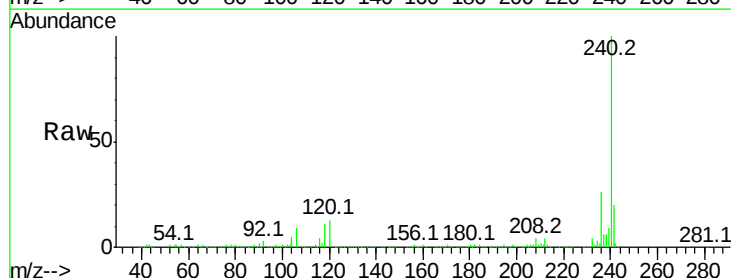


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

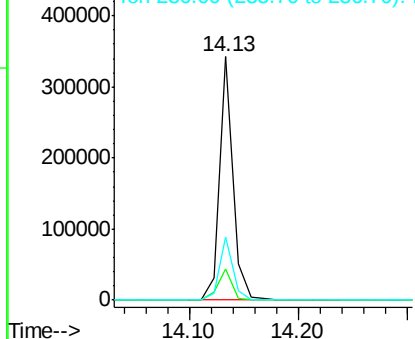
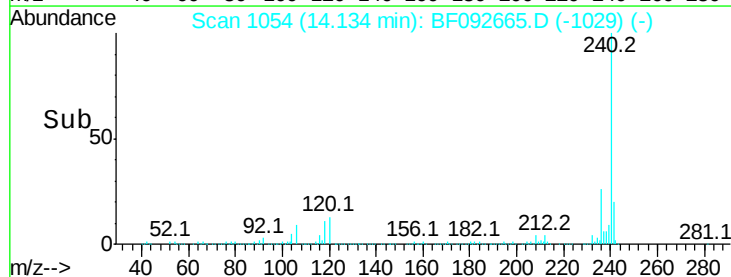


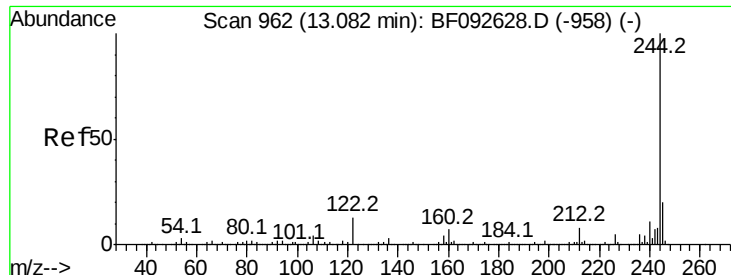
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092665.D
Acq: 31 Jan 2017 6:44

Tgt Ion:240 Resp: 298505
Ion Ratio Lower Upper
240 100
120 13.0 12.9 19.3
236 26.0 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: 82.25 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF092665.D

Acq: 31 Jan 2017 6:44

Instrument :

BNA_F

ClientSampleId :

ELT-WCS012617(0-15)

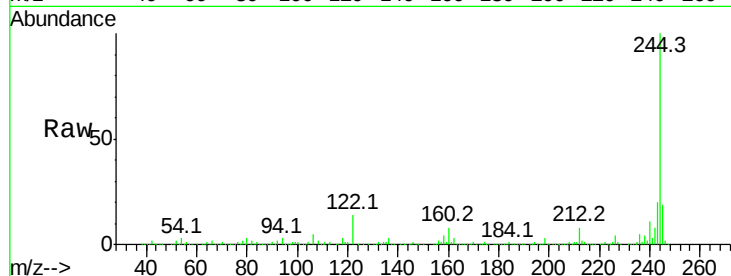
Tot Ion:244 Resp: 1044943

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

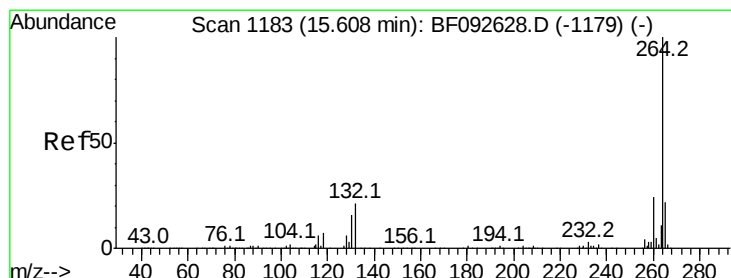
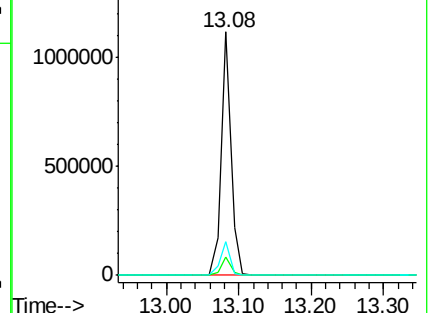
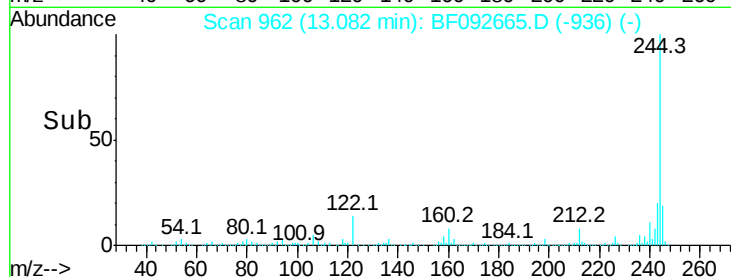
122 14.0 11.4 17.2



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: BF092665.D

Acq: 31 Jan 2017 6:44

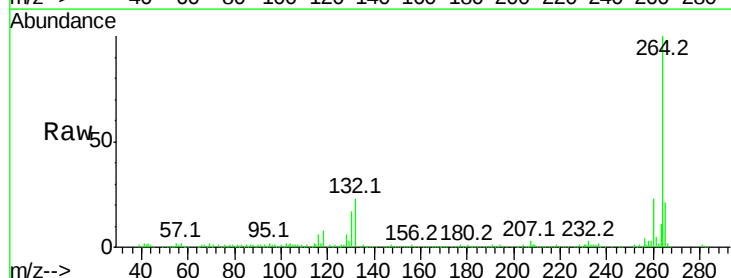
Tgt Ion:264 Resp: 209640

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

