

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092669.D
 Acq On : 31 Jan 2017 8:34
 Operator : SJ/MA
 Sample : I1551-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: Jan 31 10:00:52 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

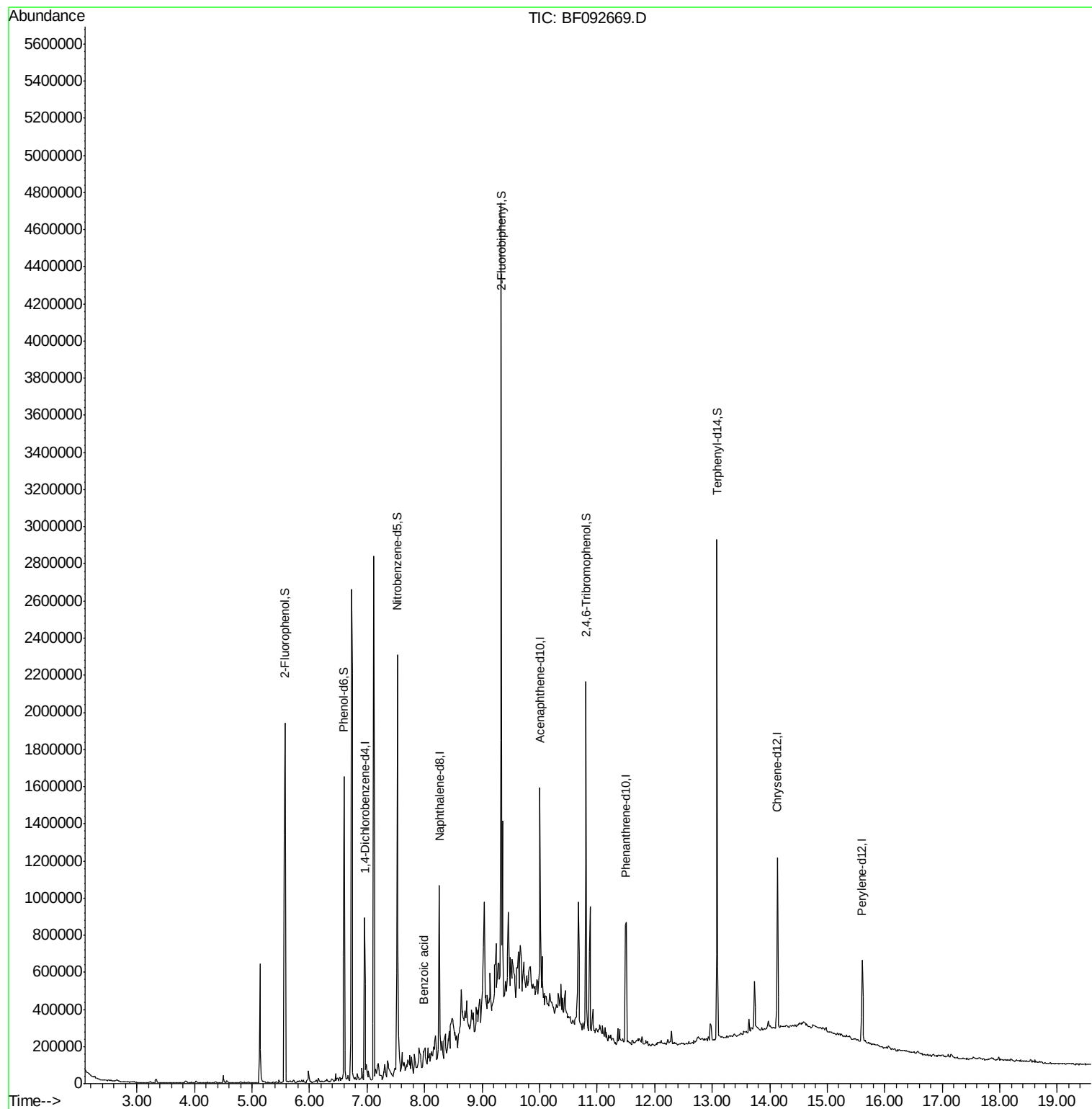
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155595	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	580286	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	268383	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	359695	20.00	ng	0.01
75) Chrysene-d12	14.13	240	311718	20.00	ng	-0.01
86) Perylene-d12	15.61	264	211881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	649652	71.63	ng	0.00
7) Phenol-d6	6.60	99	554759	47.54	ng	0.00
23) Nitrobenzene-d5	7.53	82	813570	78.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	234694	120.91	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1410467	95.21	ng	0.00
78) Terphenyl-d14	13.08	244	777836	58.63	ng	0.00
Target Compounds						
32) Benzoic acid	8.00	122	10824	8.99	ng	Qvalue 92

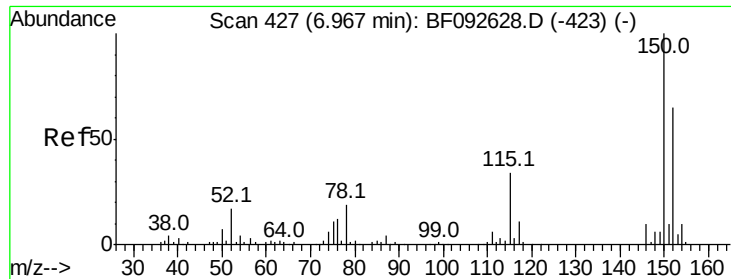
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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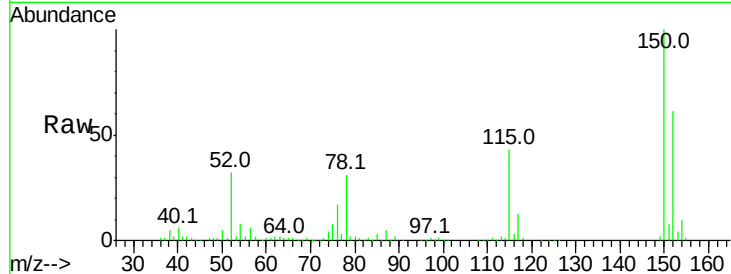


#1

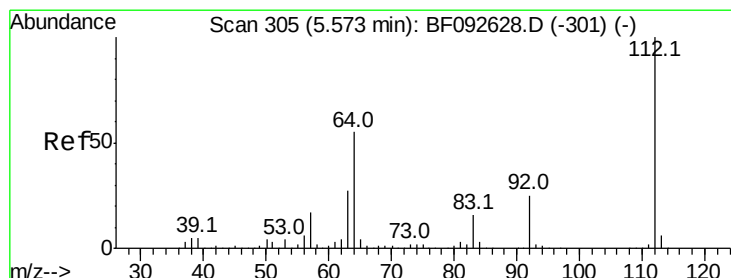
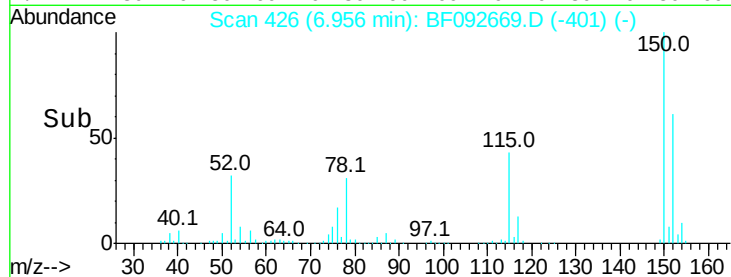
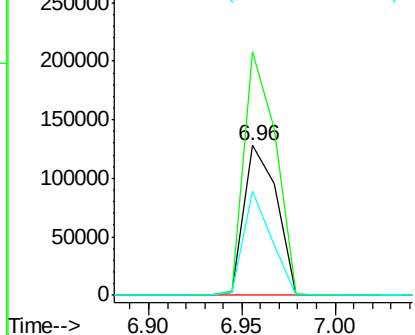
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion:152 Resp: 155595
 Ion Ratio Lower Upper
 152 100
 150 162.6 124.9 187.3
 115 69.6 46.0 69.0#



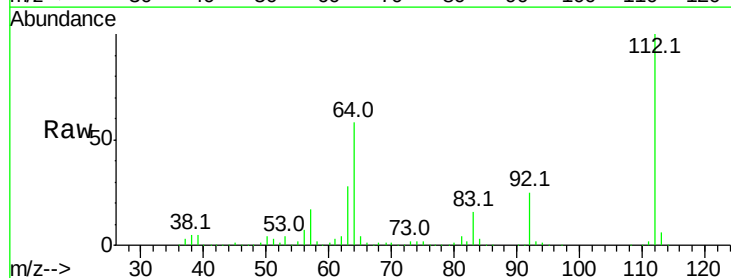
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



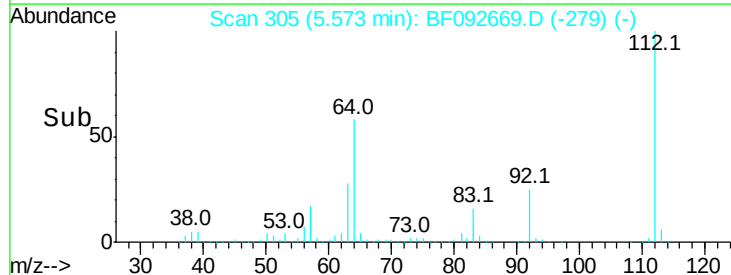
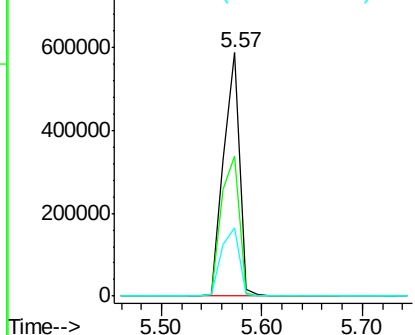
#5

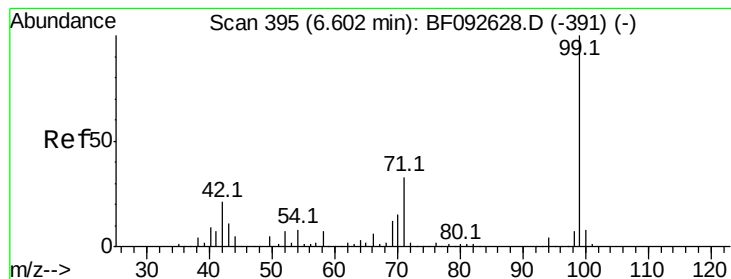
2-Fluorophenol
 Concen: 71.63 ng
 RT: 5.57 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

Tgt Ion:112 Resp: 649652
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.1 69.1
 63 28.2 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: 47.54 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

Instrument :

BNA_F

ClientSampleId :

W-02

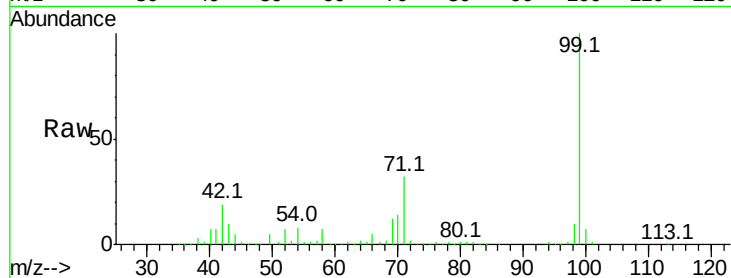
Tot Ion: 99 Resp: 554759

Ion Ratio Lower Upper

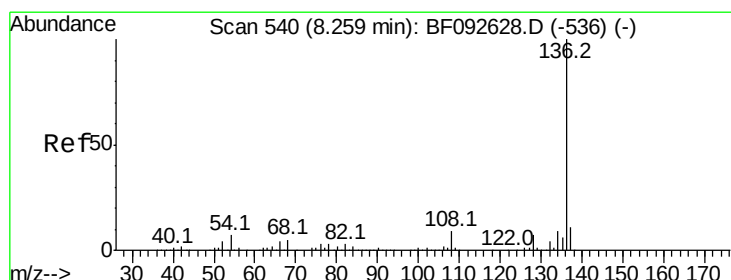
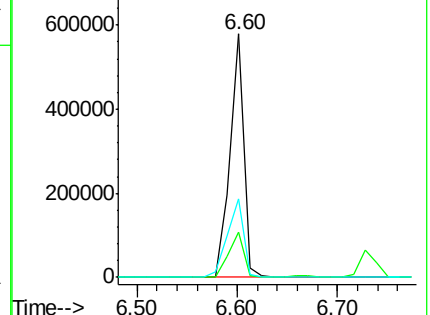
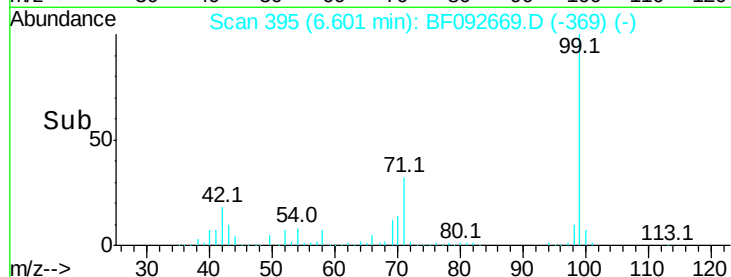
99 100

42 18.8 15.6 23.4

71 32.1 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: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

Tgt Ion: 136 Resp: 580286

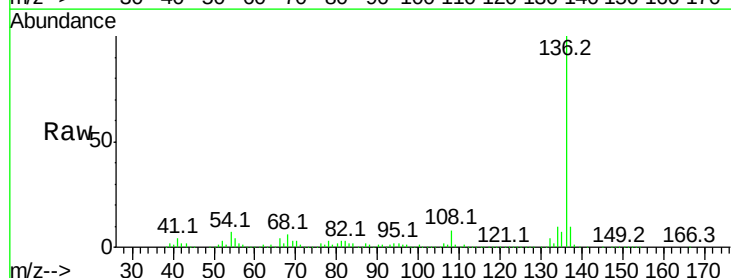
Ion Ratio Lower Upper

136 100

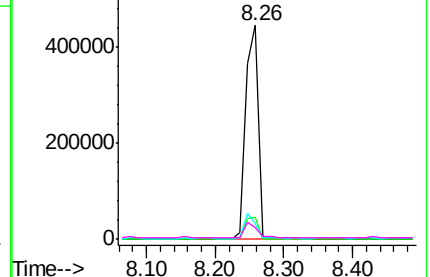
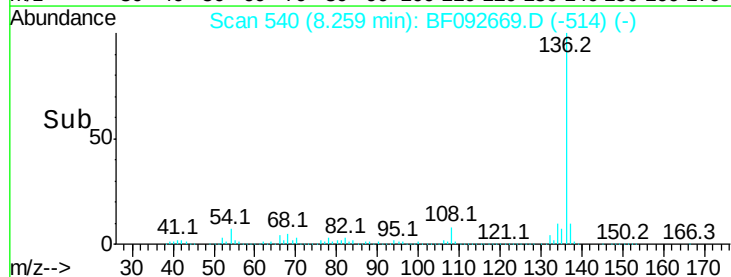
137 10.4 8.4 12.6

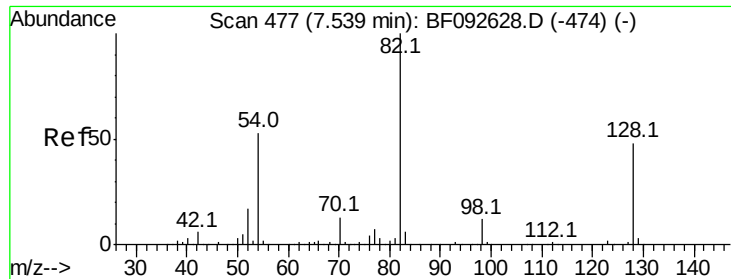
54 7.0 4.5 6.7#

68 5.6 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

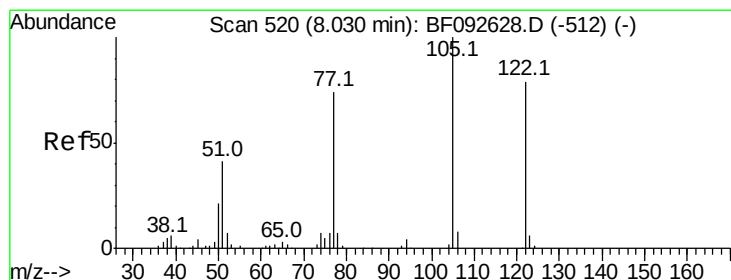
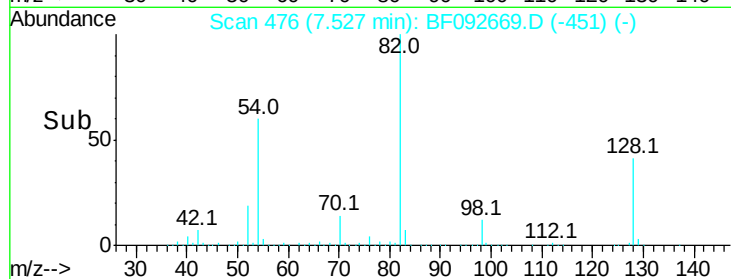
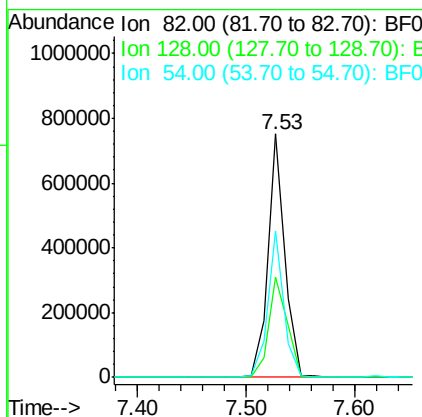
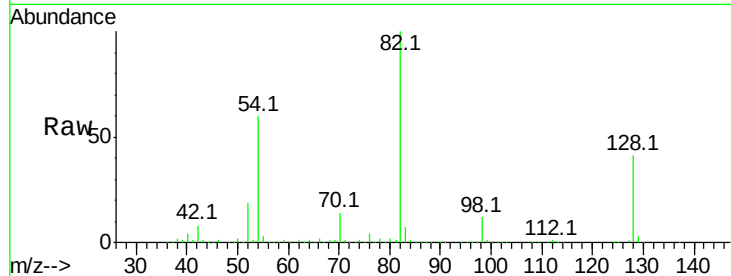




#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

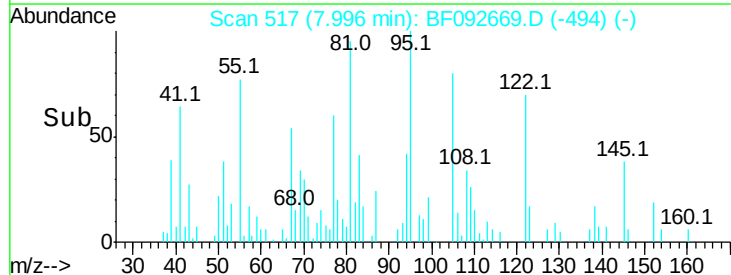
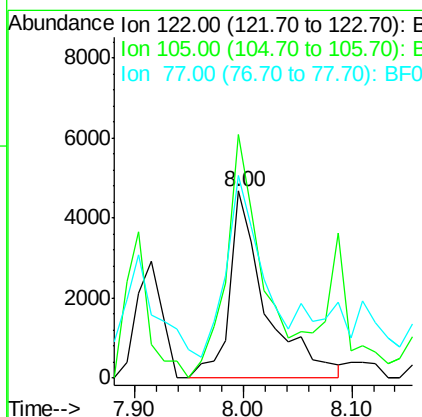
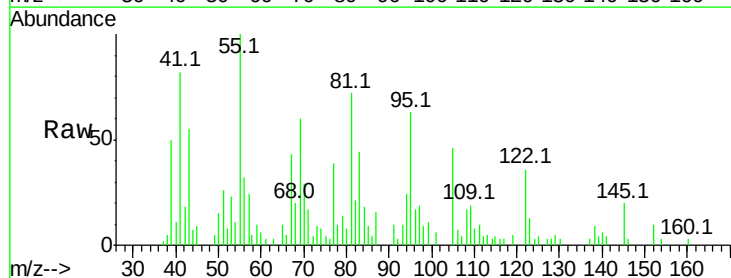
Instrument :
BNA_F
ClientSampleId :
W-02

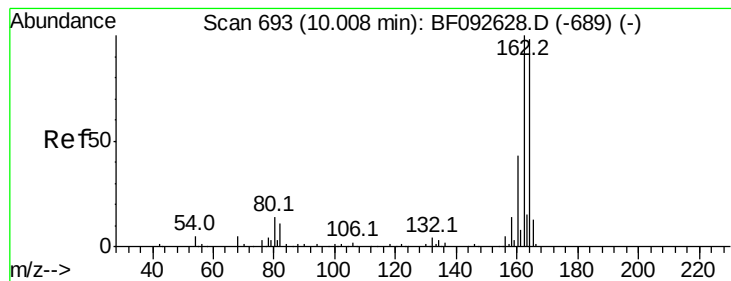
Tot Ion: 82 Resp: 813570
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 60.3 39.5 59.3#



#32
Benzoic acid
Concen: 8.99 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.03 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

Tgt Ion: 122 Resp: 10824
Ion Ratio Lower Upper
122 100
105 130.1 107.2 147.2
77 108.6 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

Instrument :

BNA_F

ClientSampleId :

W-02

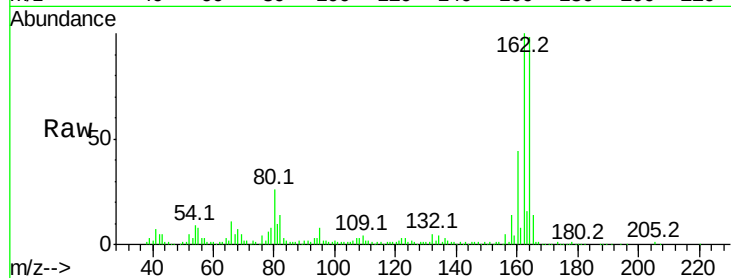
Tot Ion:164 Resp: 268383

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

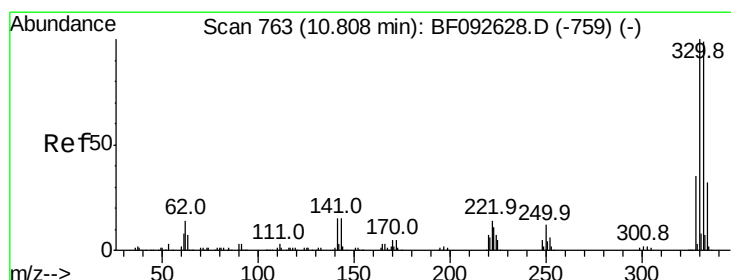
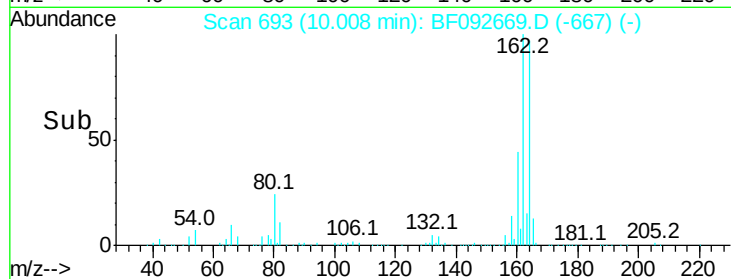
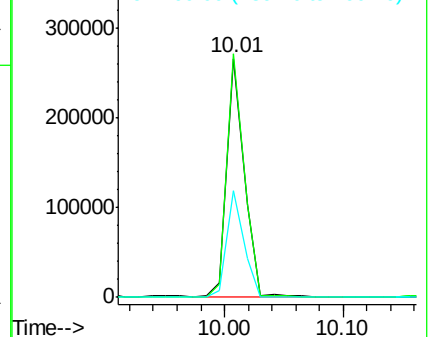
160 44.6 36.9 55.3



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: 120.91 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

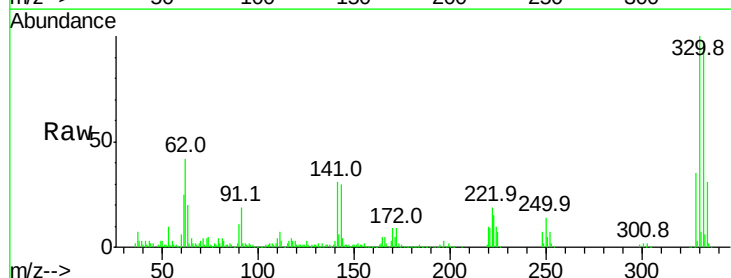
Tgt Ion:330 Resp: 234694

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

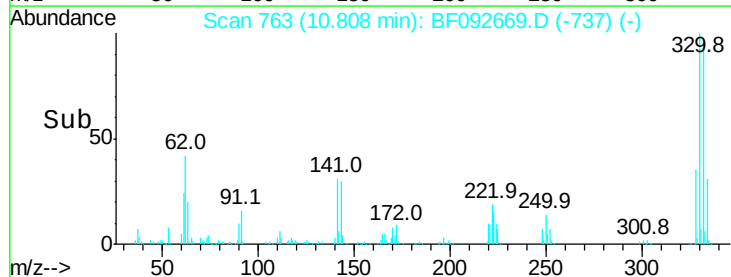
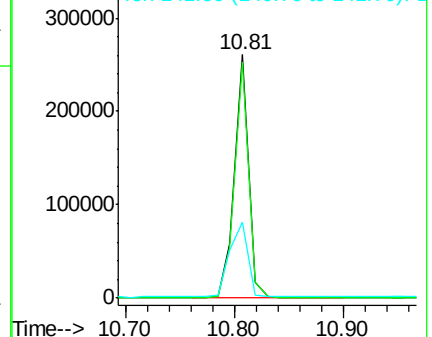
141 39.4 34.1 51.1

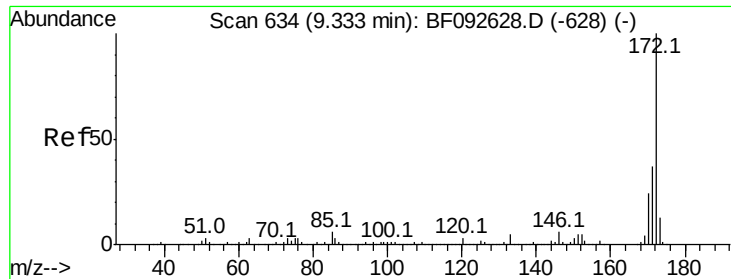


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

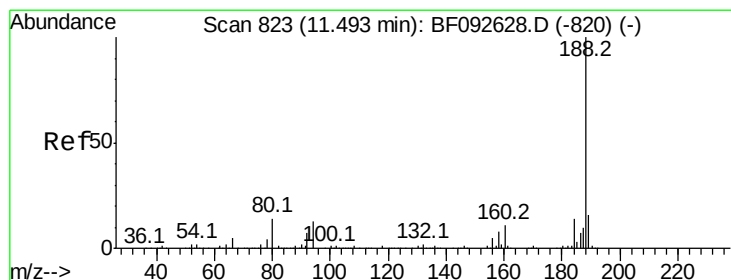
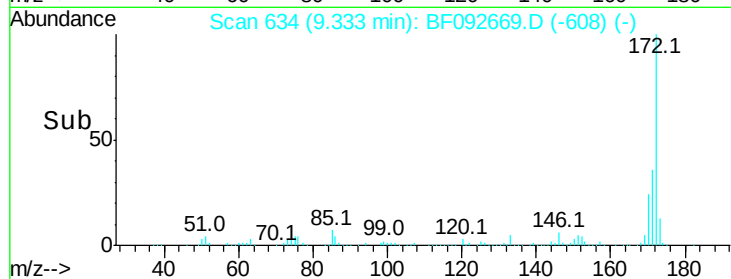
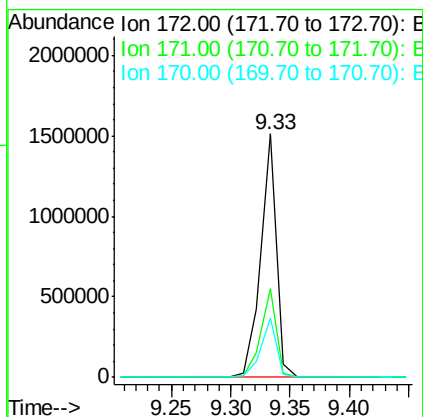
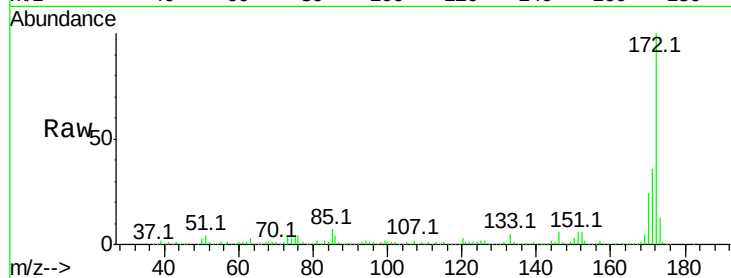




#44
2-Fluorobiphenyl
Concen: 95.21 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

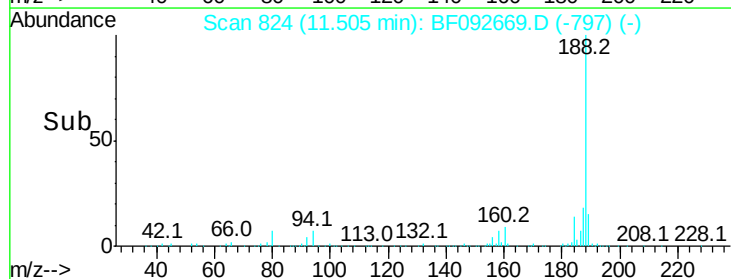
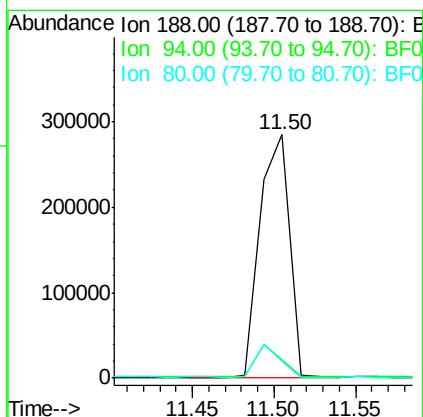
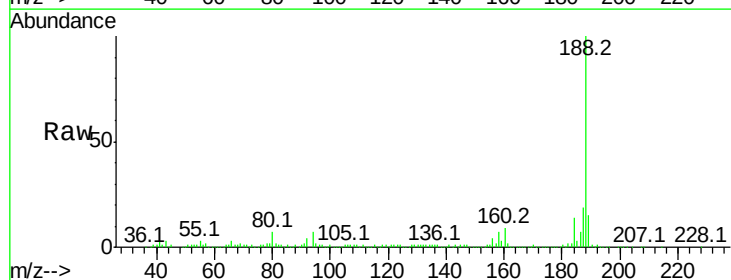
Instrument :
BNA_F
ClientSampleId :
W-02

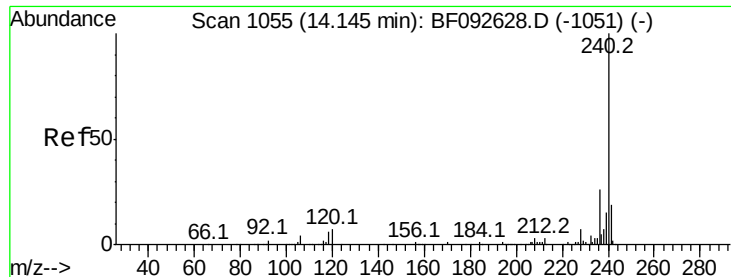
Tot Ion:172 Resp: 1410467
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.3 20.2 30.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

Tgt Ion:188 Resp: 359695
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.1 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: BF092669.D

Acq: 31 Jan 2017 8:34

Instrument :

BNA_F

ClientSampleId :

W-02

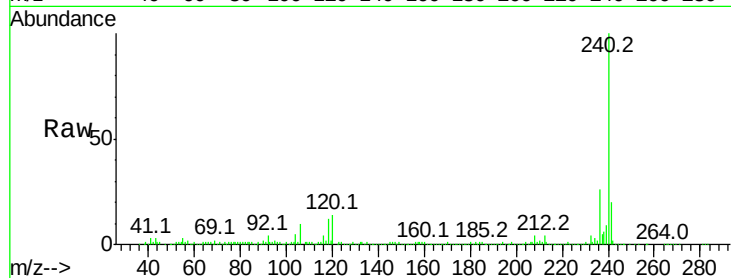
Tot Ion:240 Resp: 311718

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

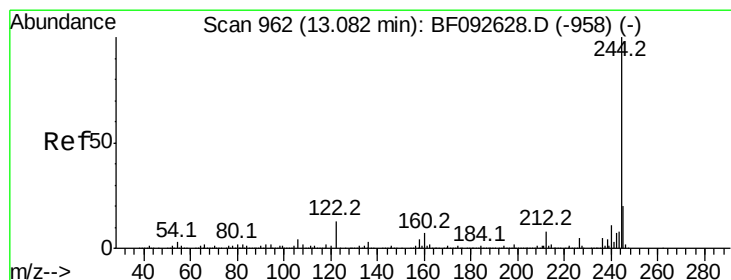
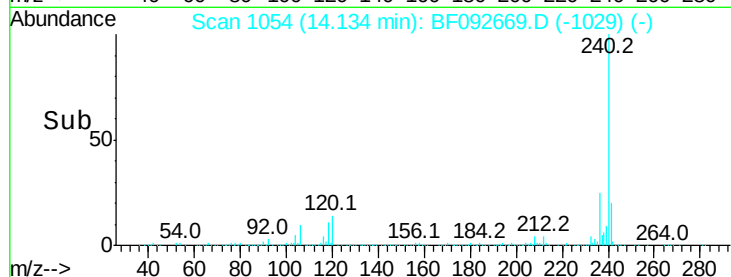
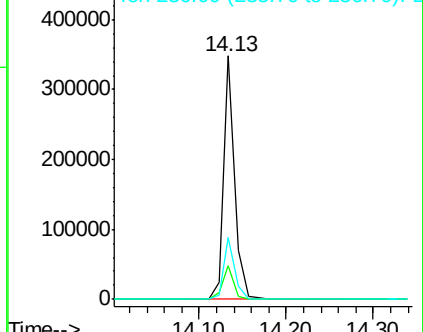
236 25.5 20.9 31.3



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: 58.63 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

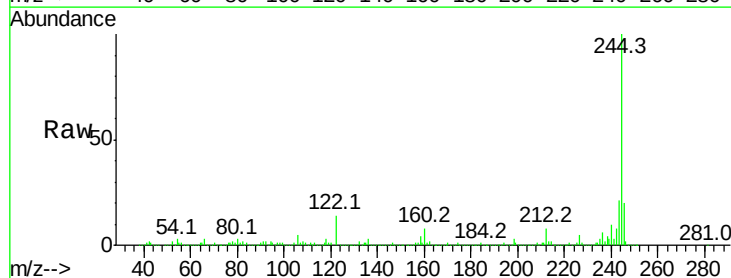
Tgt Ion:244 Resp: 777836

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

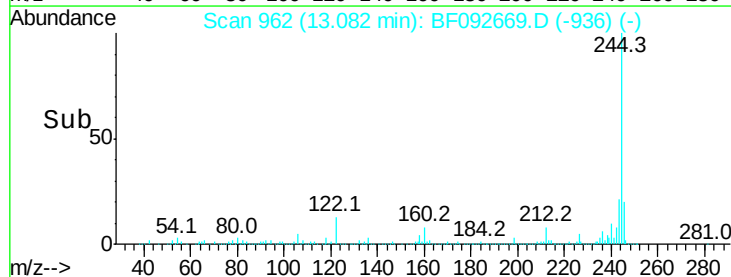
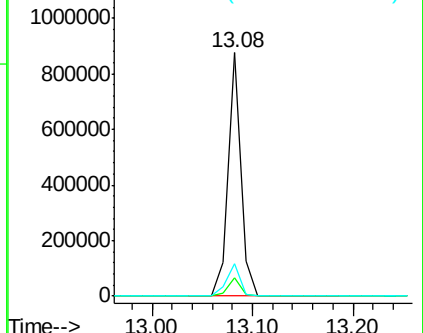
122 13.5 11.4 17.2

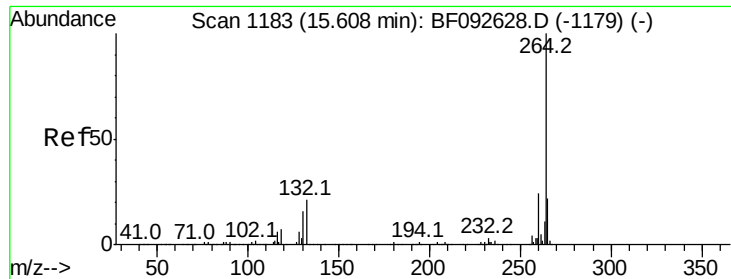


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	264	Resp:	211881
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.3	17.4	26.0

