

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 09:44:20 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

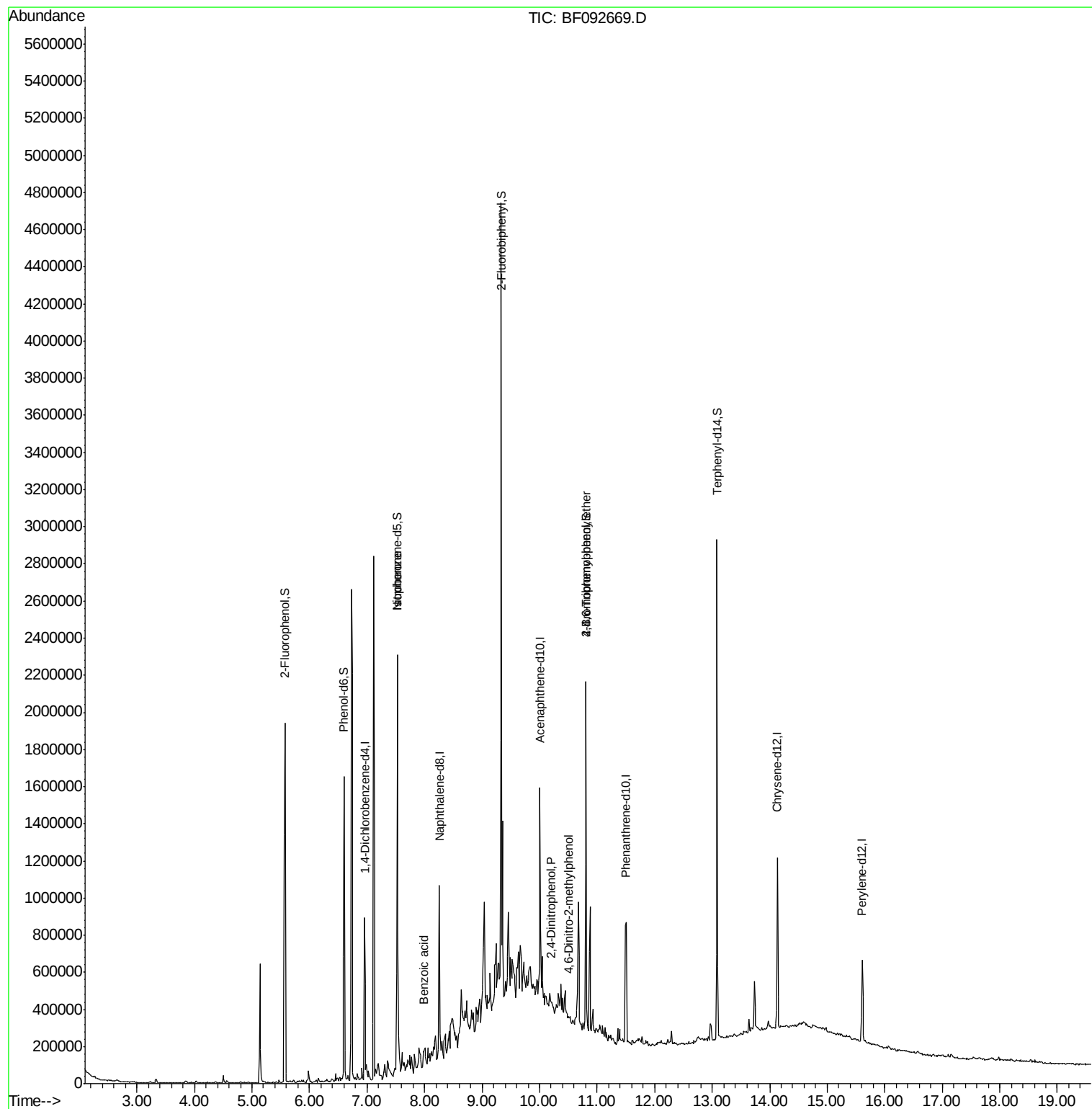
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155595	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	580286	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	268383	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	359695	20.00	ng	0.01
75) Chrysene-d12	14.13	240	311718	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						
25) Isophorone	7.53	82	682937	35.17	ng	# 65
32) Benzoic acid	8.00	122	10824	8.99	ng	92
53) 2,4-Dinitrophenol	10.20	184	550	4.99	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	222	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	18176	4.84	ng	# 1

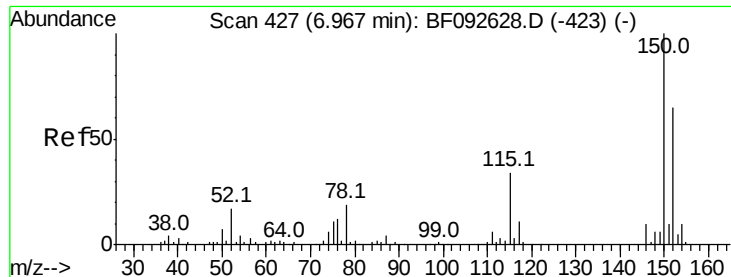
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

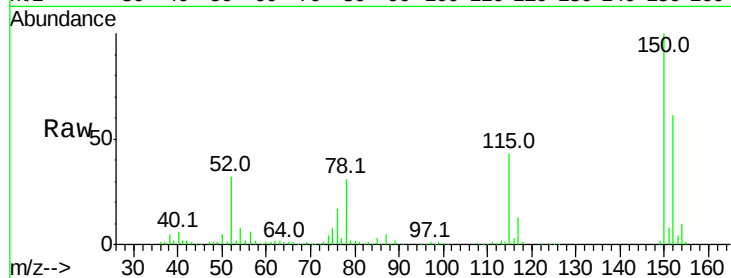
Tot Ion:152 Resp: 155595

Ion Ratio Lower Upper

152 100

150 162.6 124.9 187.3

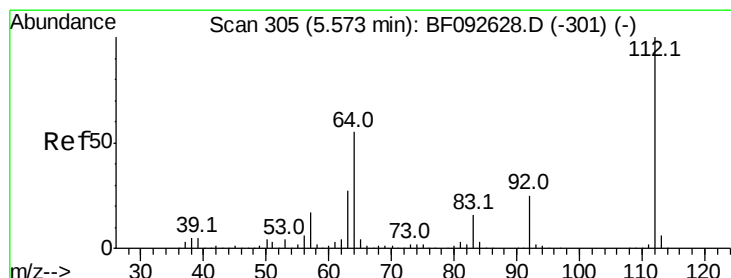
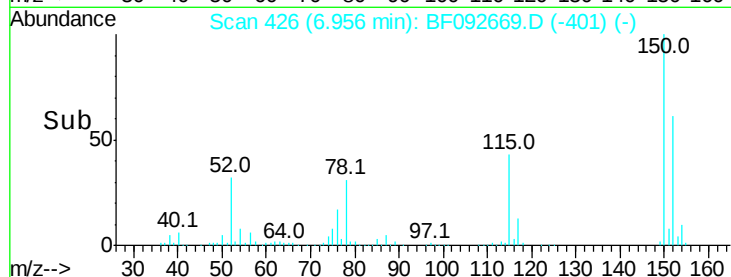
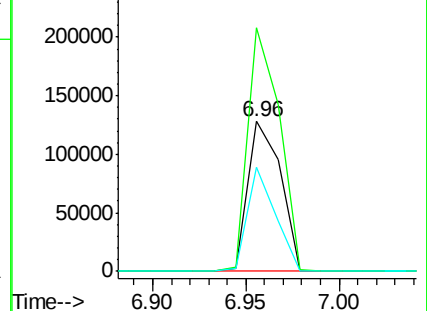
115 69.6 46.0 69.0#



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

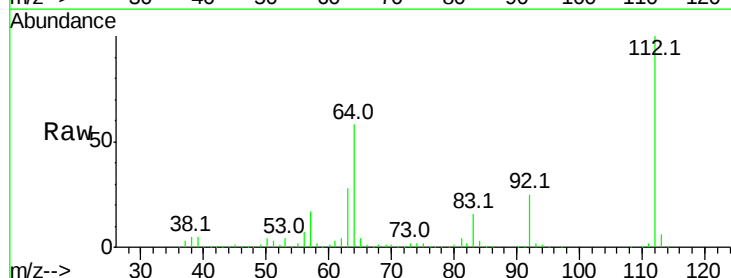
Tgt Ion:112 Resp: 649652

Ion Ratio Lower Upper

112 100

64 57.7 46.1 69.1

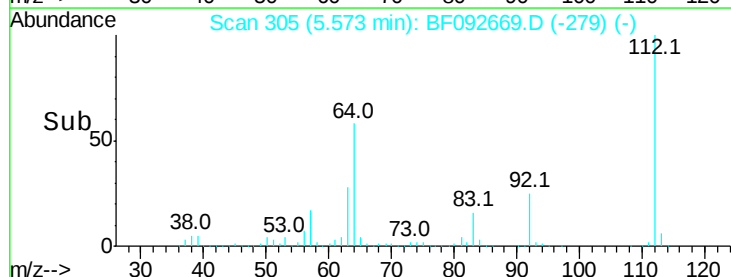
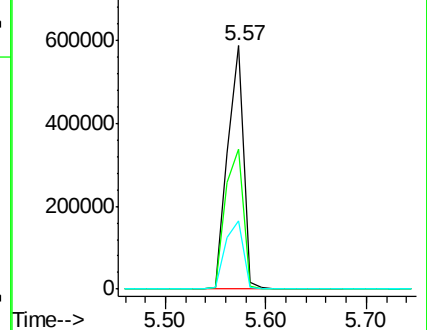
63 28.2 23.8 35.6

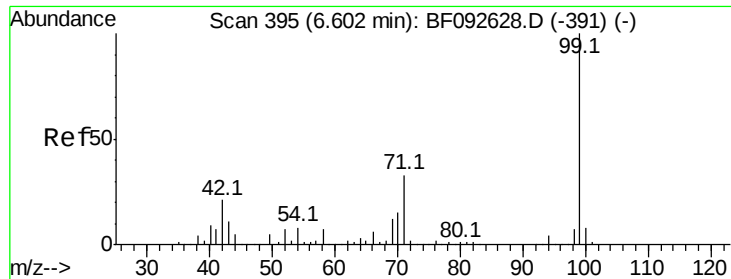


Abundance Ion 112.00 (111.70 to 112.70): E

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

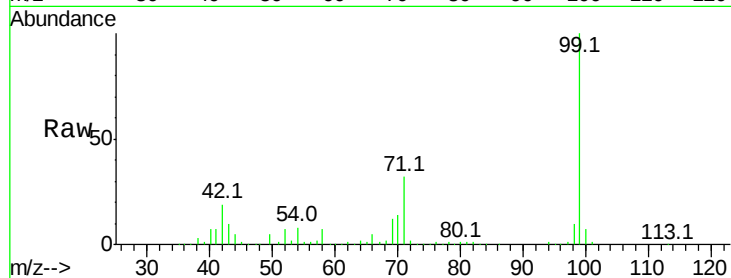
Tot Ion: 99 Resp: 554759

Ion Ratio Lower Upper

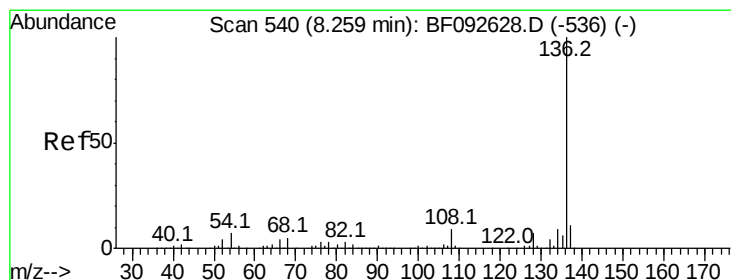
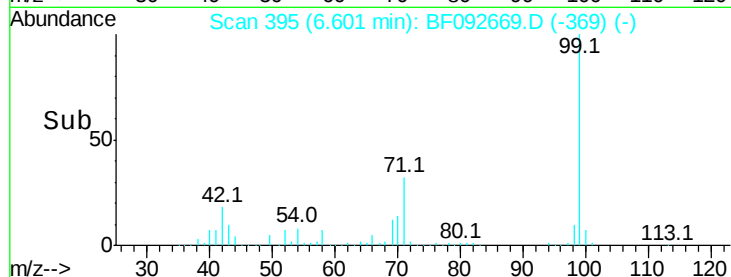
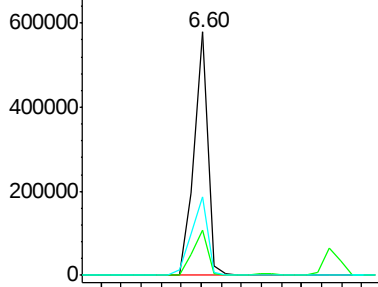
99 100

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

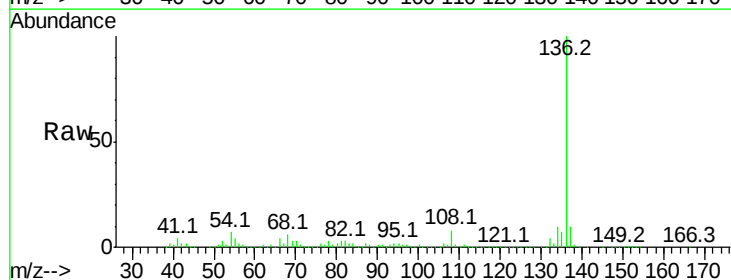
Ion Ratio Lower Upper

136 100

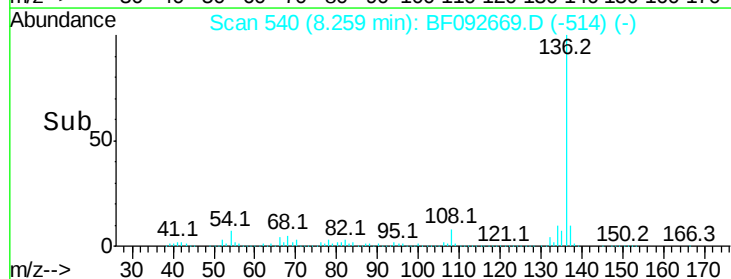
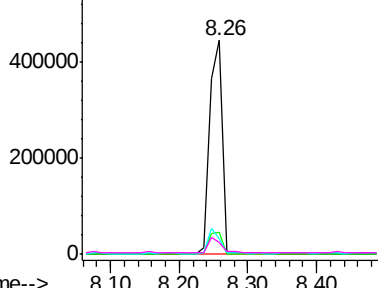
137 10.4 8.4 12.6

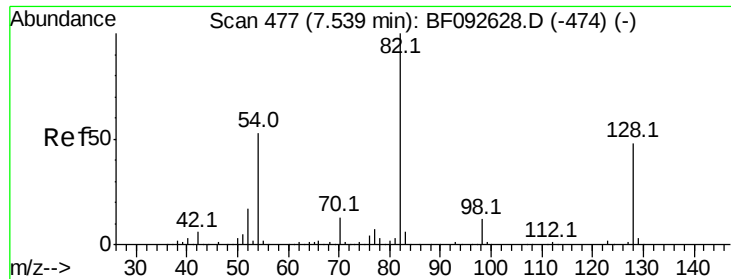
54 7.0 4.5 6.7#

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

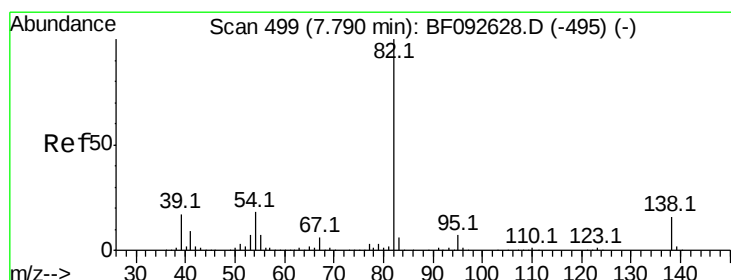
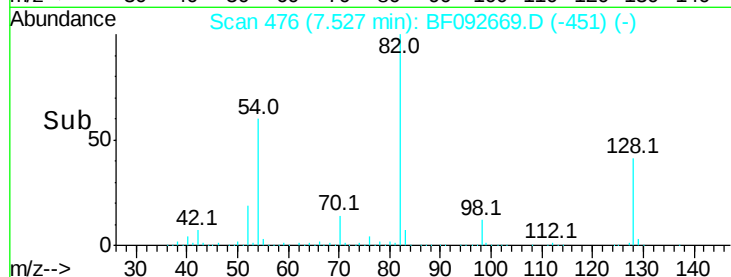
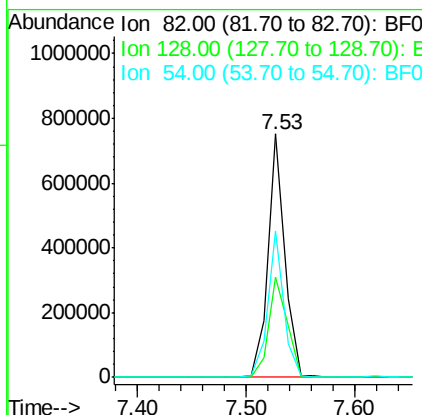
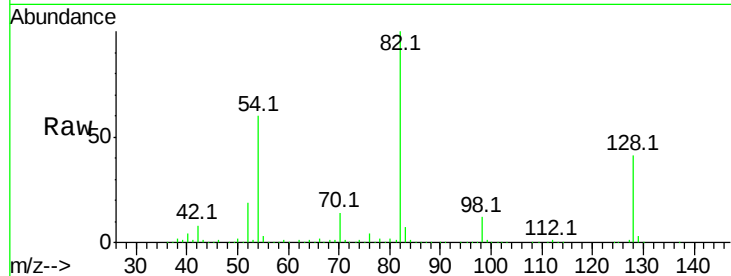




#23
Nitrobenzene-d5
Concen: 78.07 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

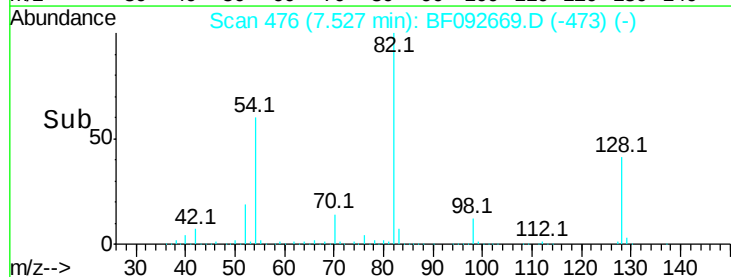
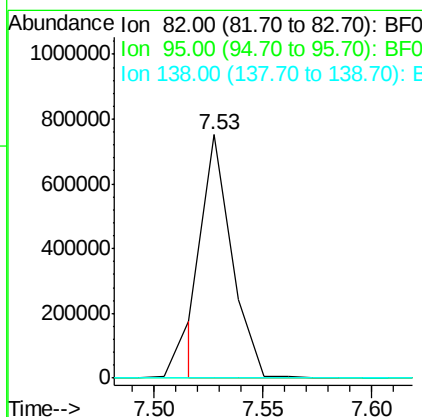
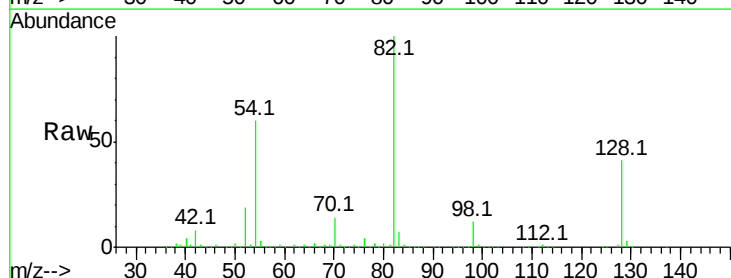
Instrument :
BNA_F
ClientSampleId :
W-02

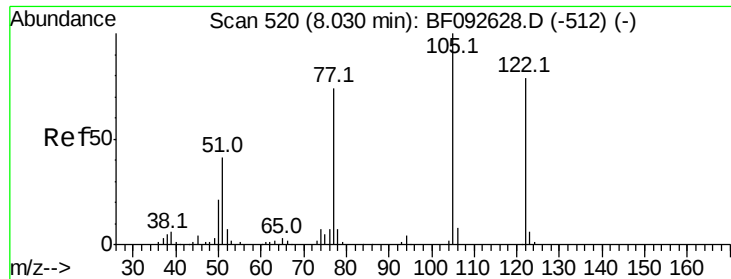
Tot Ion: 82 Resp: 813570
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 60.3 39.5 59.3#



#25
Isophorone
Concen: 35.17 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

Tgt Ion: 82 Resp: 682937
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.6 22.0#





#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

Instrument :

BNA_F

ClientSampled :

W-02

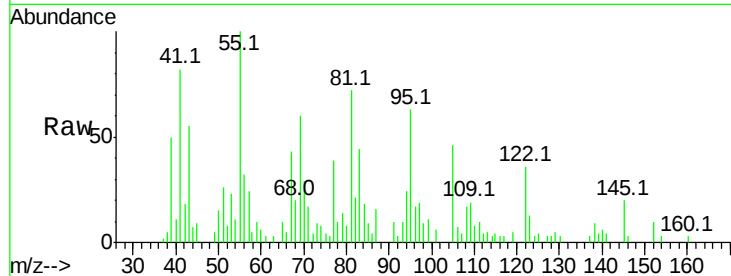
Tot Ion:122 Resp: 10824

Ion Ratio Lower Upper

122 100

105 130.1 107.2 147.2

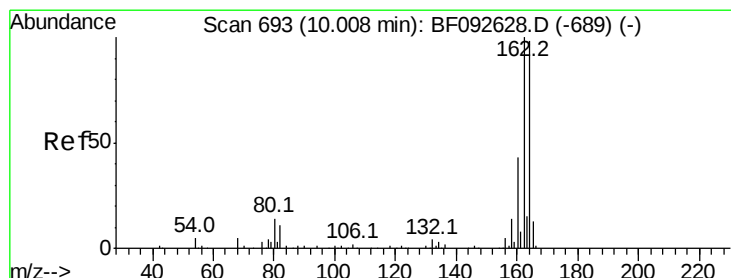
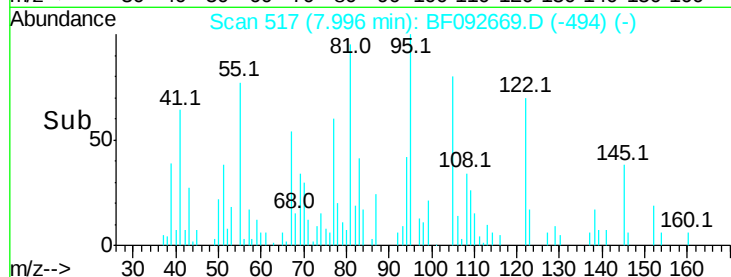
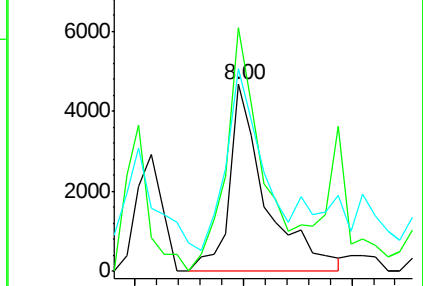
77 108.6 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#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

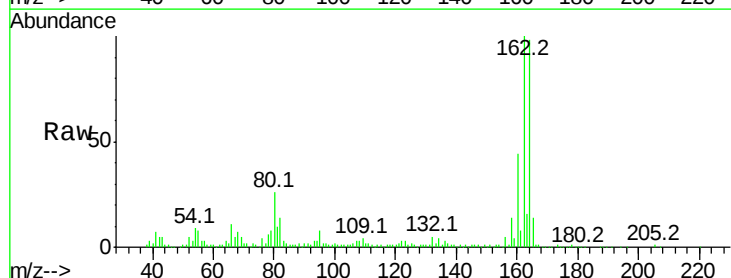
Tgt Ion:164 Resp: 268383

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

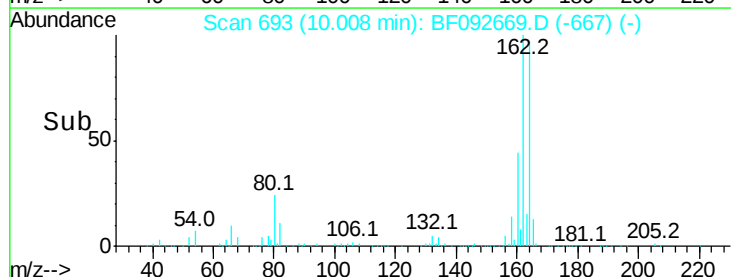
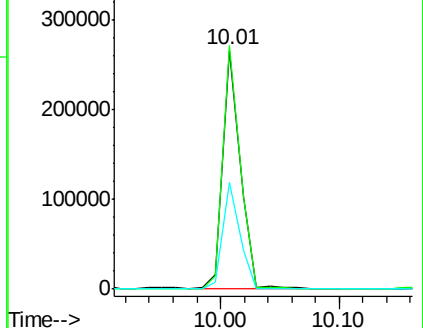
160 44.6 36.9 55.3

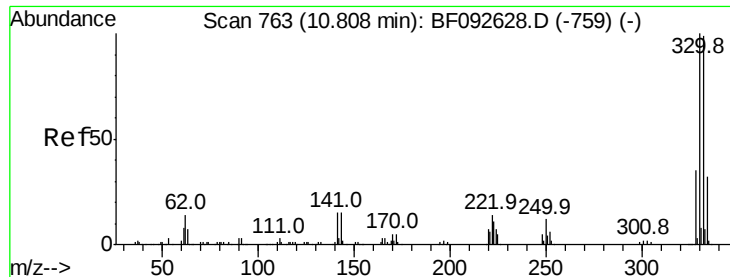


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

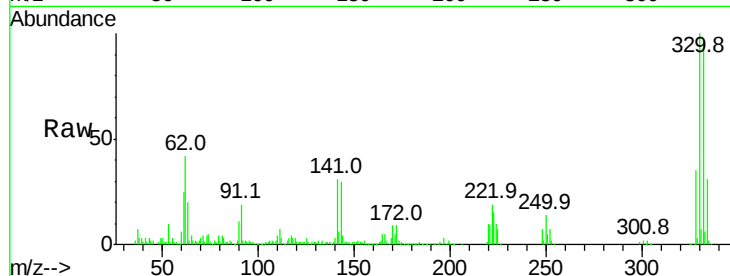




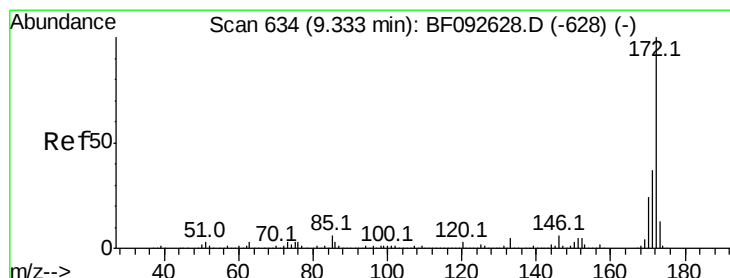
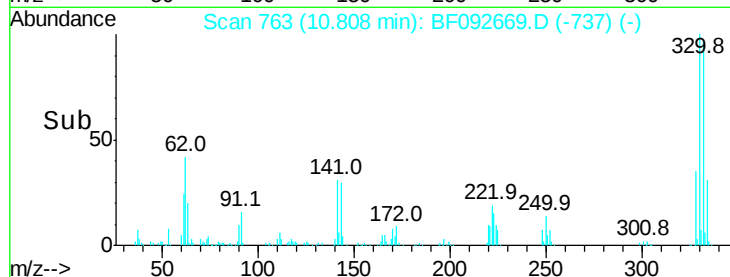
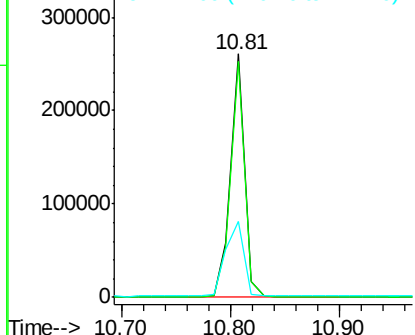
#41
 2,4,6-Tribromophenol
 Concen: 120.91 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tot Ion:330 Resp: 234694
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 39.4 34.1 51.1

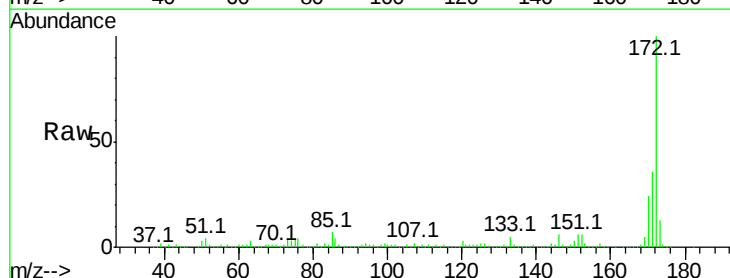


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

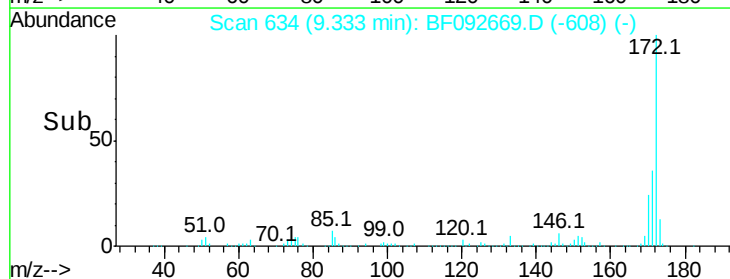
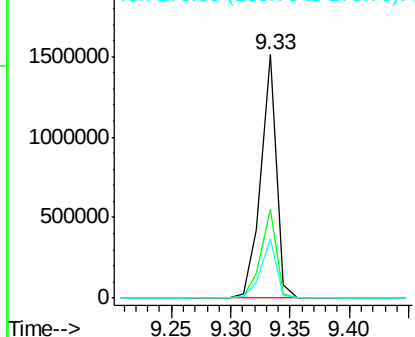


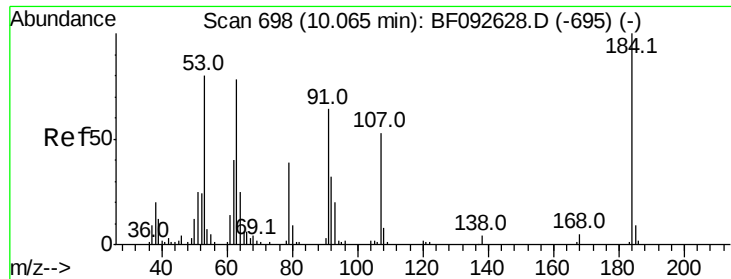
#44
 2-Fluorobiphenyl
 Concen: 95.21 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

Tgt Ion:172 Resp: 1410467
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

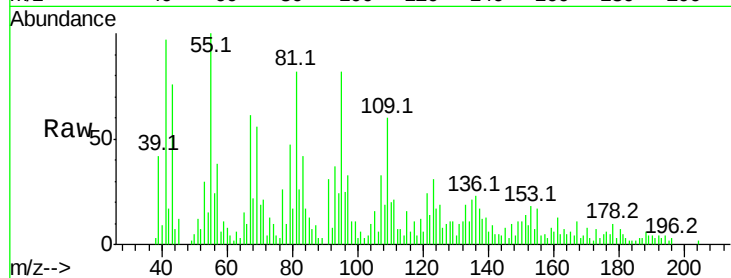




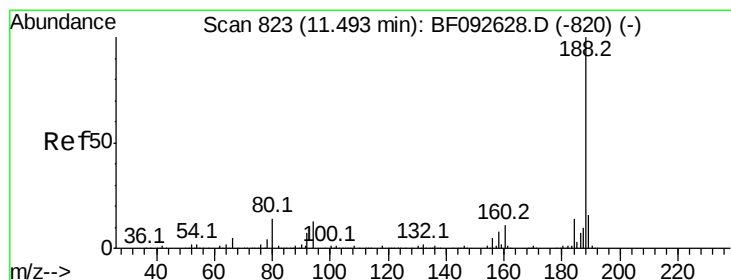
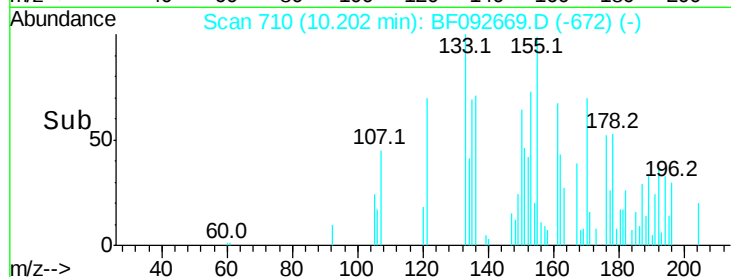
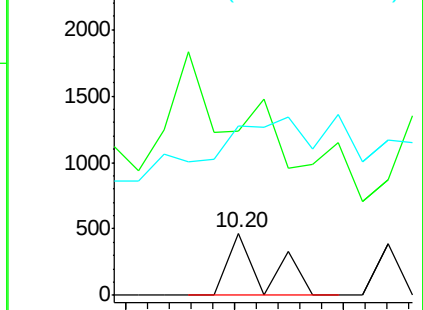
#53
 2,4-Dinitrophenol
 Concen: 4.99 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.14 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

Instrument :
 BNA_F
 ClientSampled :
 W-02

Tot Ion:184 Resp: 550
 Ion Ratio Lower Upper
 184 100
 63 262.3 28.4 42.6#
 154 271.5 44.3 66.5#

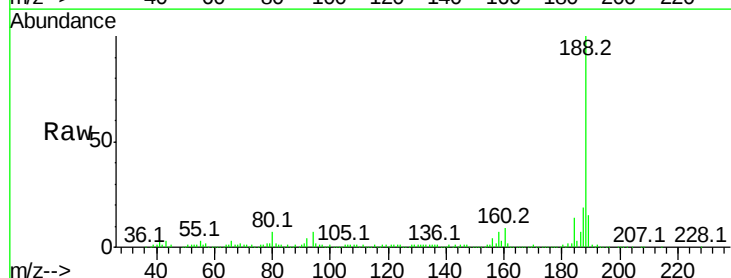


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

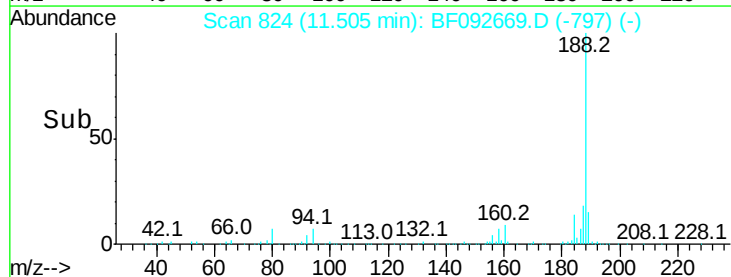
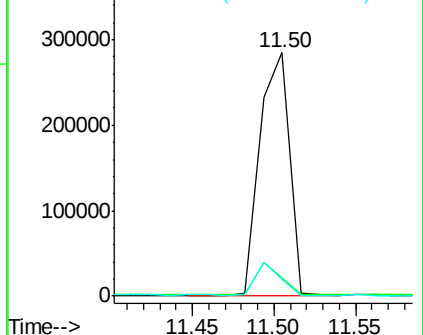


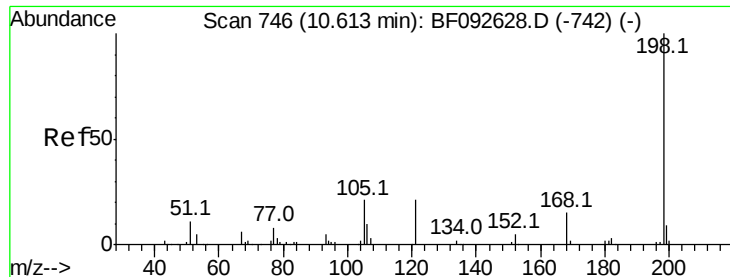
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.01 min
 Lab File: BF092669.D
 Acq: 31 Jan 2017 8:34

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#



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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.76 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.10 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

Instrument :

BNA_F

ClientSampled :

W-02

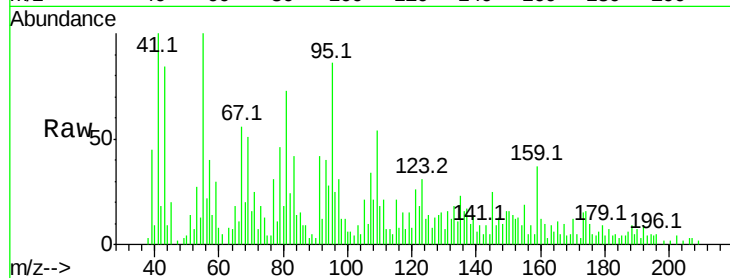
Tot Ion:198 Resp: 222

Ion Ratio Lower Upper

198 100

51 588.0 6.7 46.7#

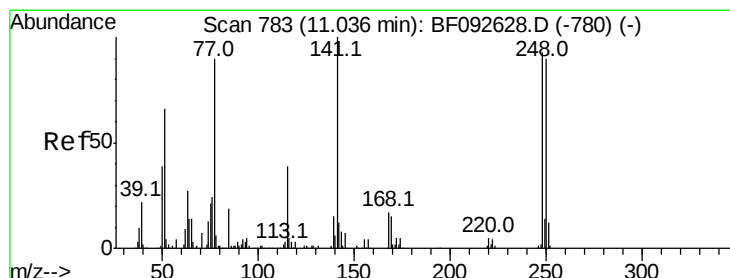
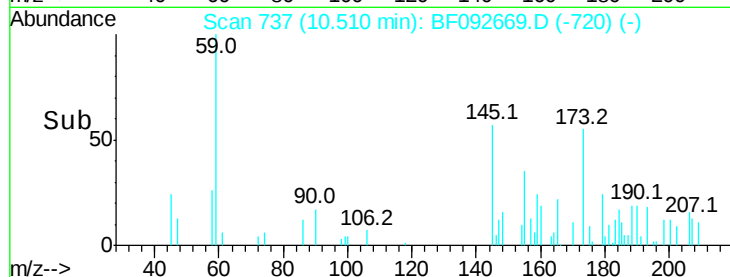
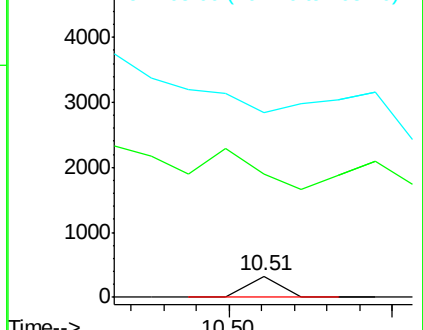
105 874.4 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.84 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.23 min

Lab File: BF092669.D

Acq: 31 Jan 2017 8:34

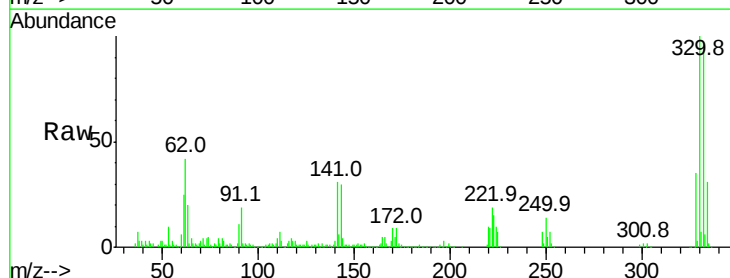
Tgt Ion:248 Resp: 18176

Ion Ratio Lower Upper

248 100

250 193.4 76.9 115.3#

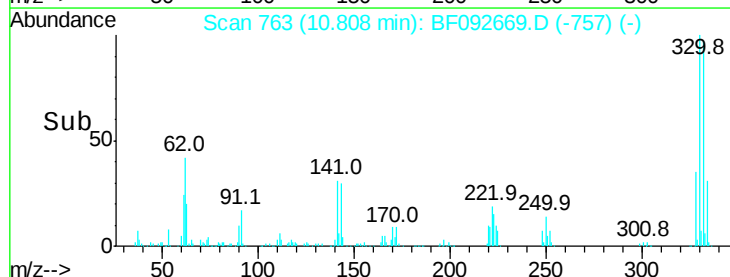
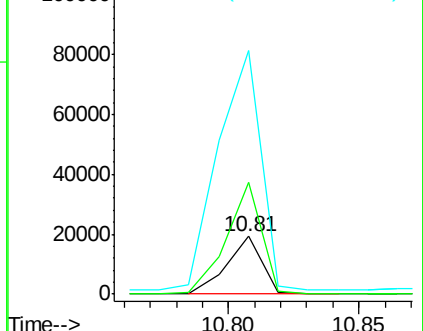
141 423.2 68.2 102.4#

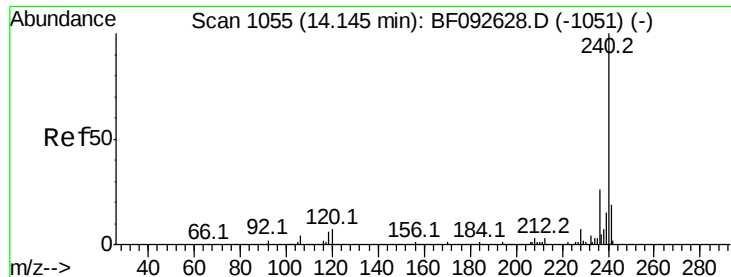


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

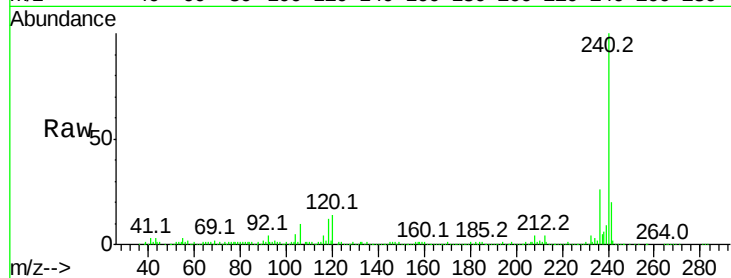
Tot Ion:240 Resp: 311718

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

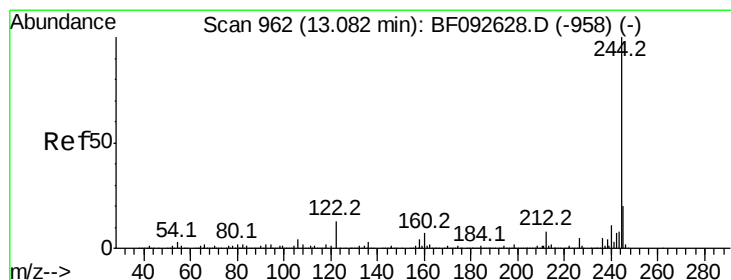
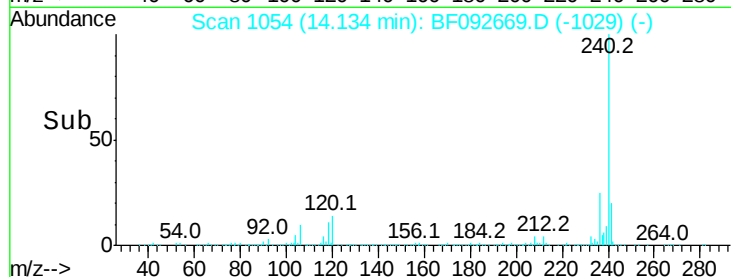
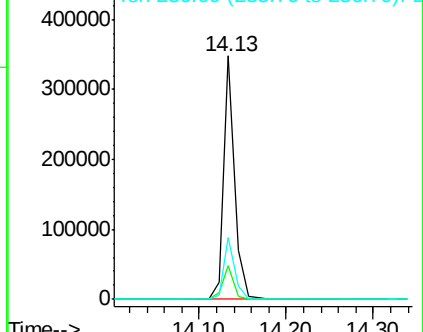
236 25.5 20.9 31.3



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

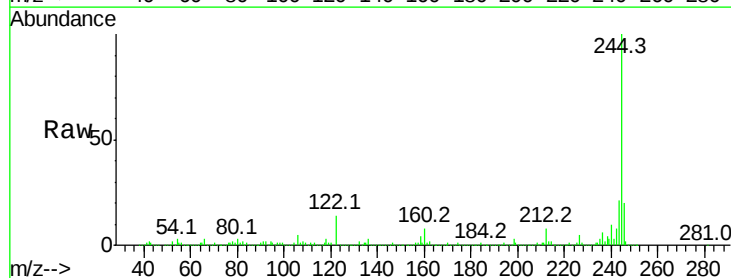
Tgt Ion:244 Resp: 777836

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

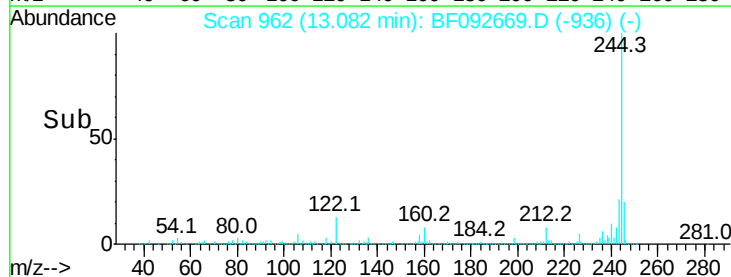
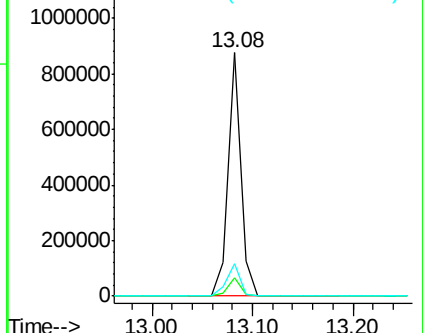
122 13.5 11.4 17.2

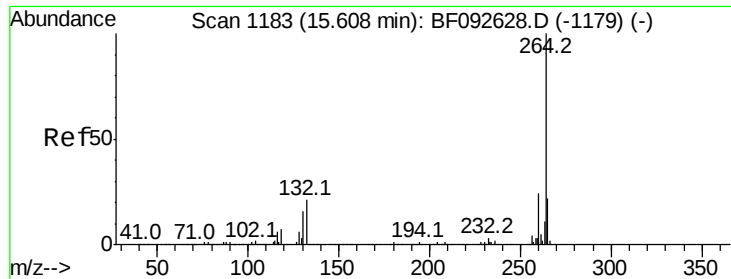


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

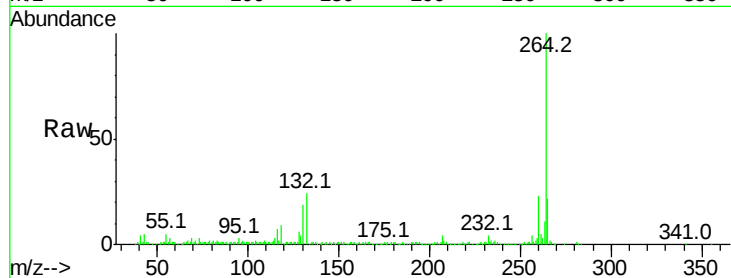




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF092669.D
Acq: 31 Jan 2017 8:34

Instrument :
BNA_F
ClientSampleId :
W-02

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



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

