

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092814.D
 Acq On : 6 Feb 2017 23:43
 Operator : SJ/MA
 Sample : I1712-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-SOIL-ROW-COMP

Quant Time: Feb 07 07:59:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

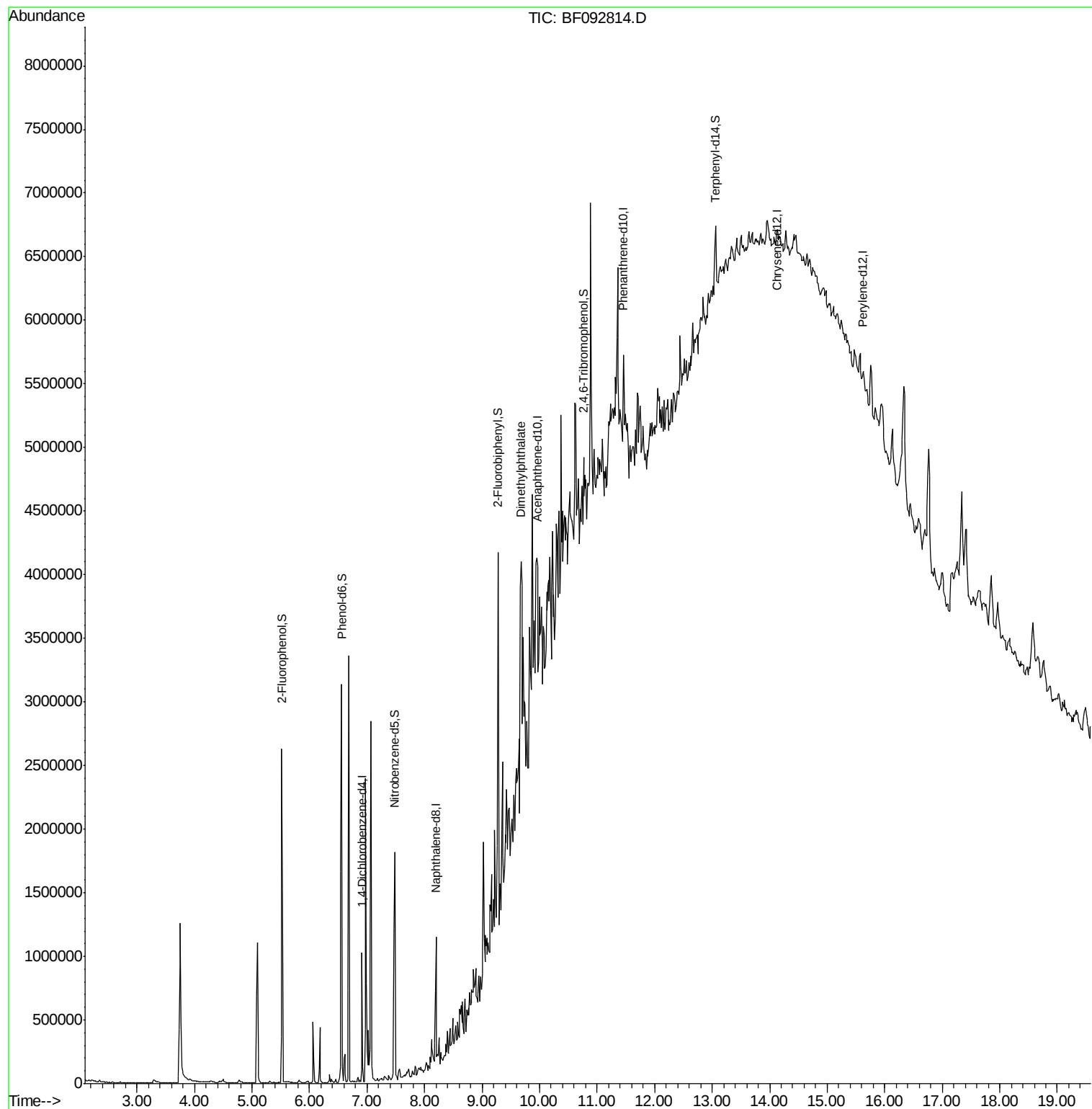
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	137764	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	488631	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	200597	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	261877	20.00	ng	0.01
75) Chrysene-d12	14.12	240	124544	20.00	ng	0.03
86) Perylene-d12	15.62	264	114890	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	897775	111.80	ng	0.00
7) Phenol-d6	6.56	99	1184324	114.63	ng	0.00
23) Nitrobenzene-d5	7.48	82	714987	81.48	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	152585	105.17	ng	0.01
44) 2-Fluorobiphenyl	9.28	172	932892	84.25	ng	0.00
78) Terphenyl-d14	13.05	244	429349	81.00	ng	0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	355236	26.29	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

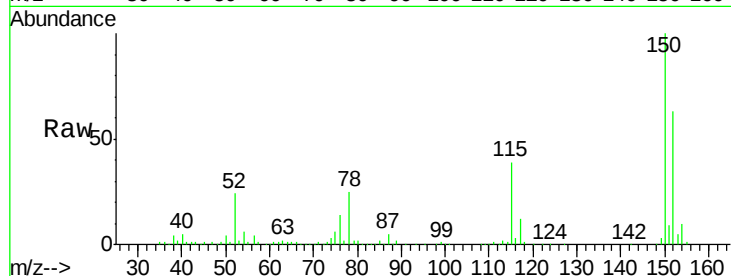
Tot Ion:152 Resp: 137764

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

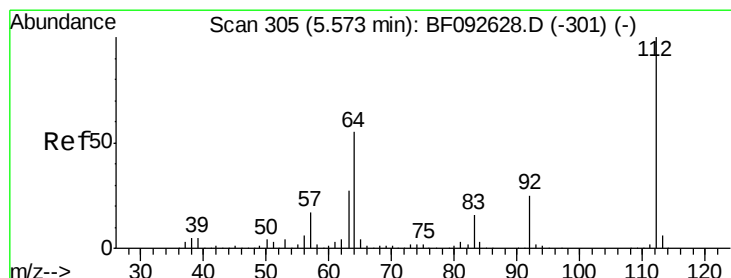
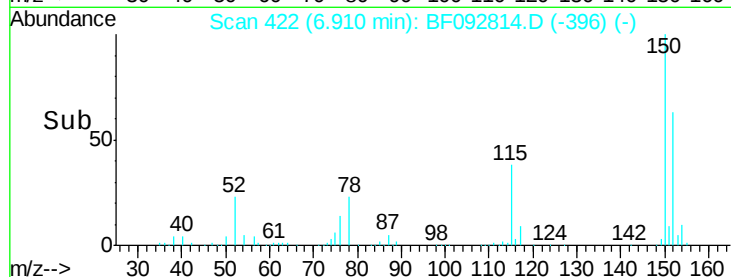
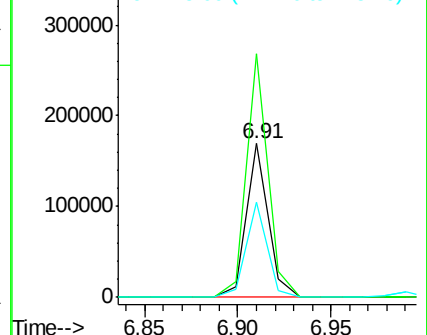
115 61.6 46.0 69.0



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: 111.80 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

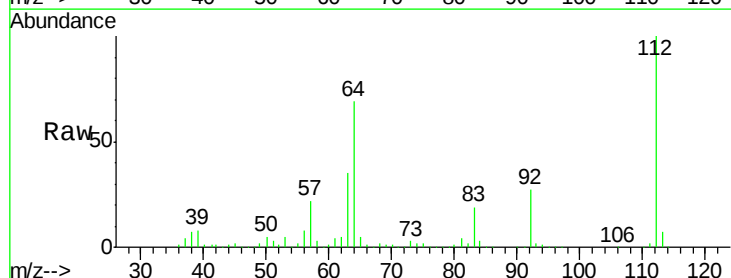
Tgt Ion:112 Resp: 897775

Ion Ratio Lower Upper

112 100

64 69.0 46.1 69.1

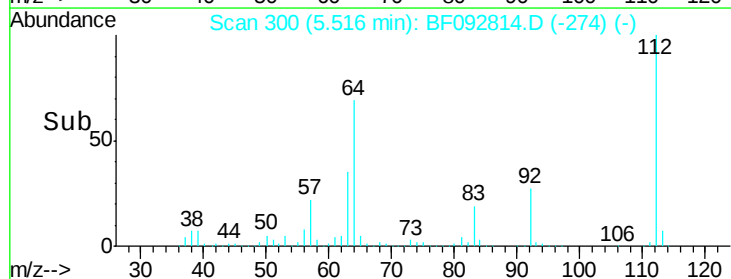
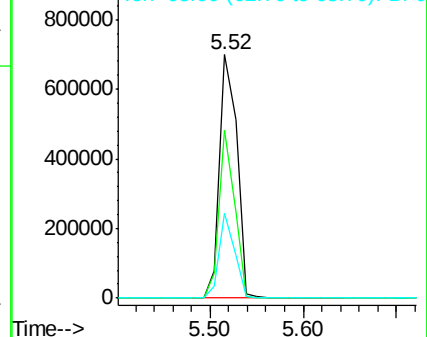
63 34.6 23.8 35.6

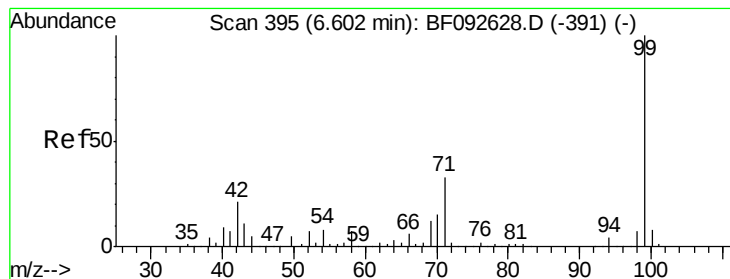


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.63 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

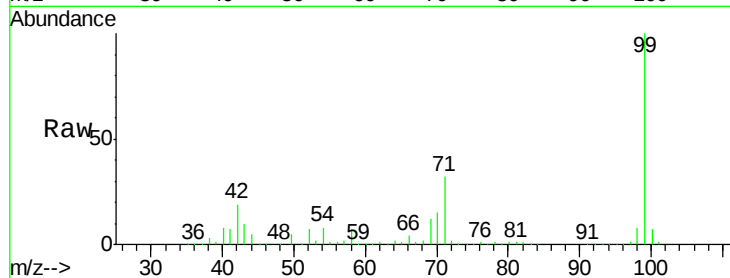
Tot Ion: 99 Resp: 1184324

Ion Ratio Lower Upper

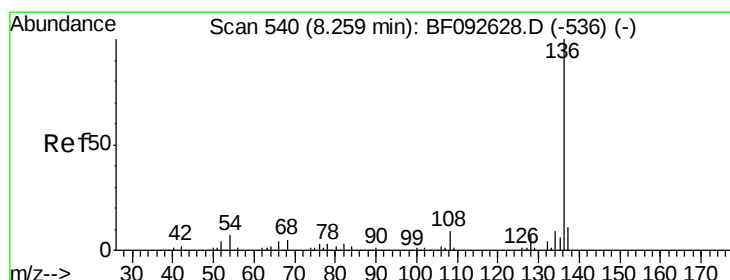
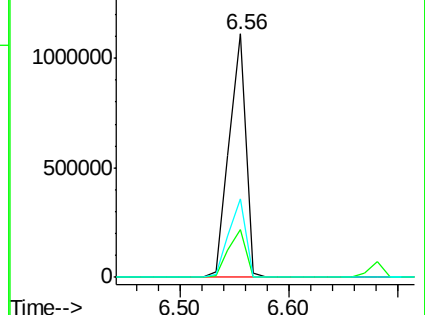
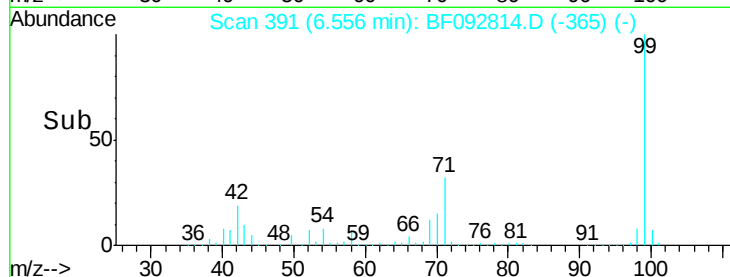
99 100

42 19.4 15.6 23.4

71 32.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Tgt Ion: 136 Resp: 488631

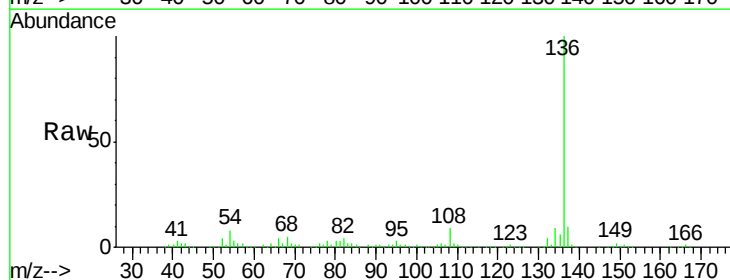
Ion Ratio Lower Upper

136 100

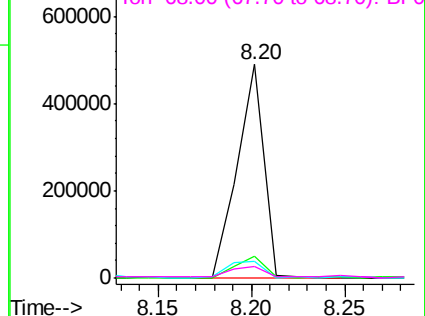
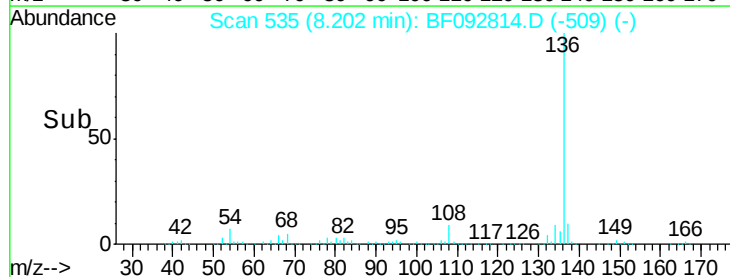
137 10.4 8.4 12.6

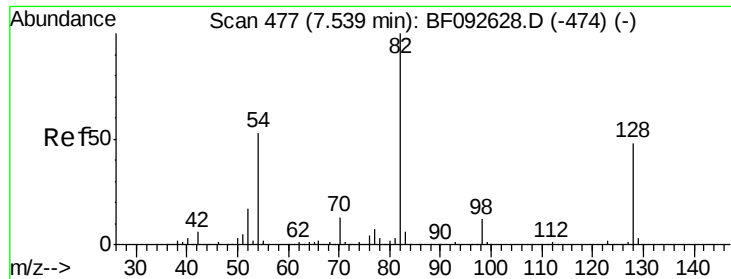
54 7.7 4.5 6.7#

68 5.5 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

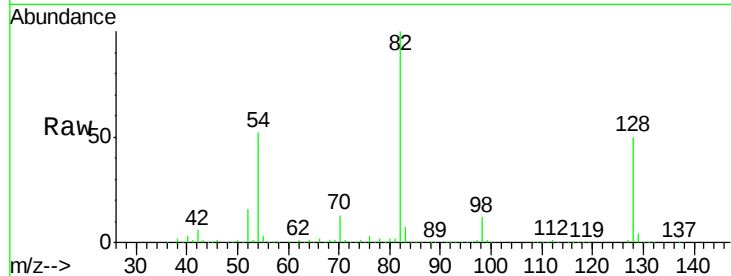




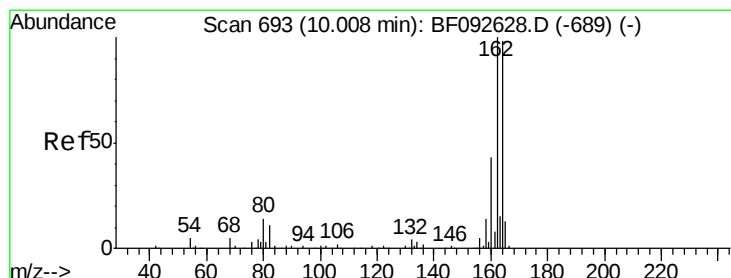
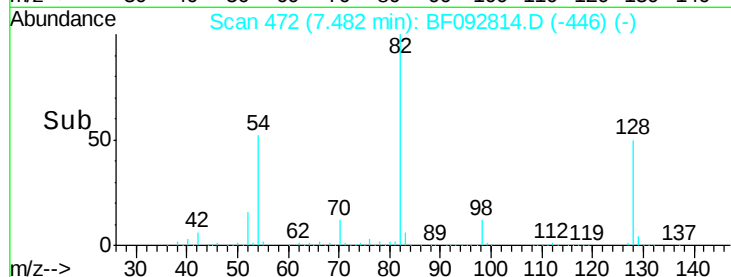
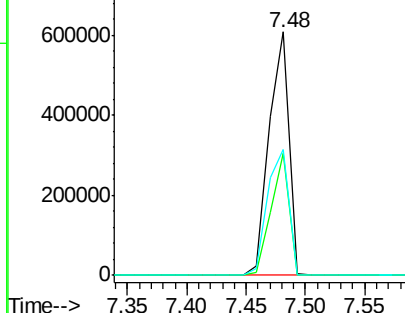
#23
Nitrobenzene-d5
Concen: 81.48 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092814.D
Acq: 6 Feb 2017 23:43

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tot Ion	82	Resp	714987
Ion Ratio	100		
Lower	34.6		
Upper	52.0		
128	49.9		
54	51.6		
	39.5		
	59.3		

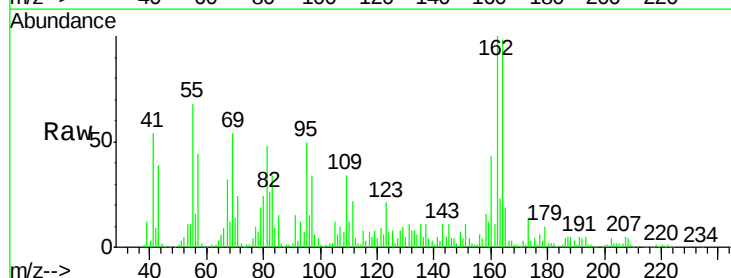


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

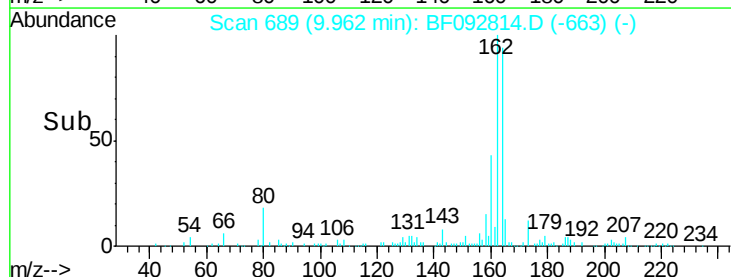
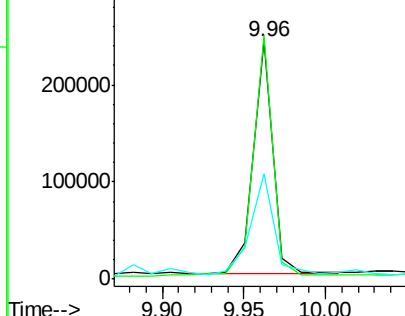


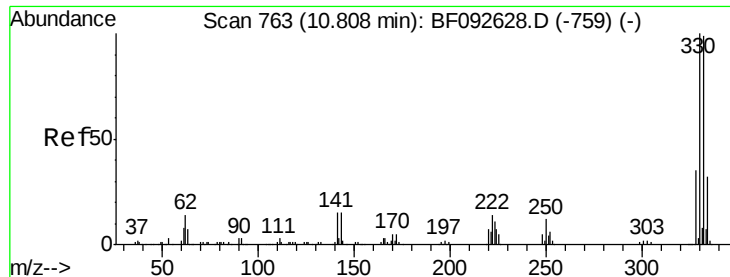
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092814.D
Acq: 6 Feb 2017 23:43

Tgt Ion	164	Resp	200597
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>80.2</td> <td></td> <td></td>	80.2		
Upper <td>120.2</td> <td></td> <td></td>	120.2		
162	102.4		
160	44.5		
	36.9		
	55.3		



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

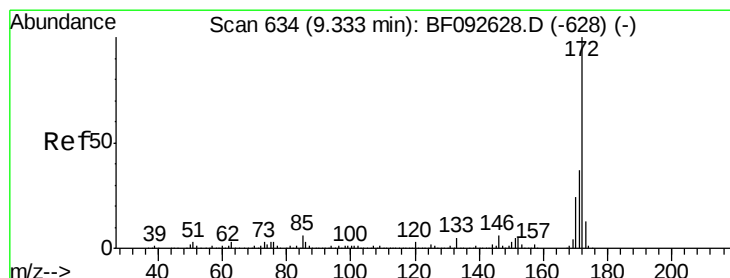
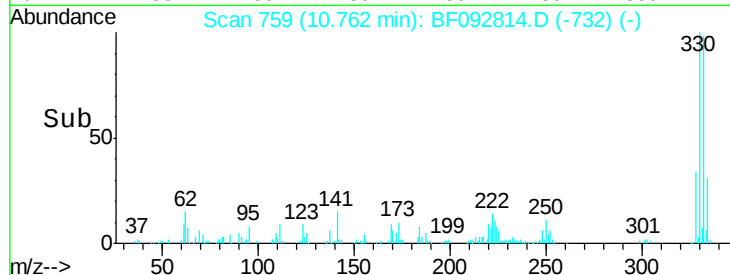
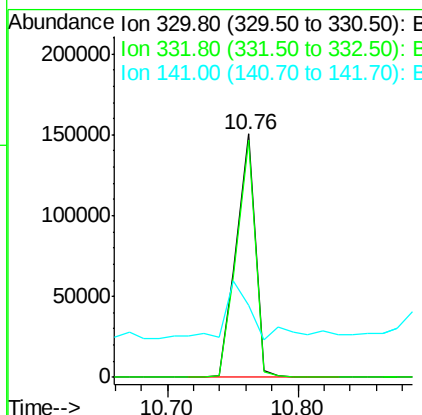
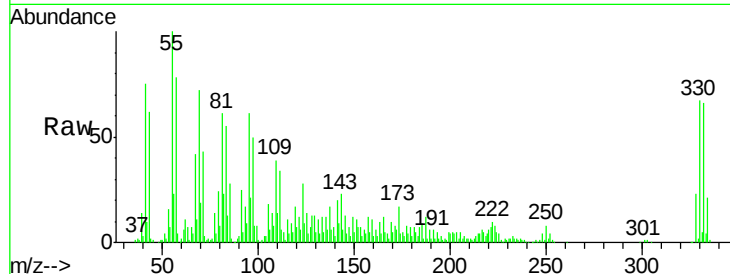




#41
 2,4,6-Tribromophenol
 Concen: 105.17 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF092814.D
 Acq: 6 Feb 2017 23:43

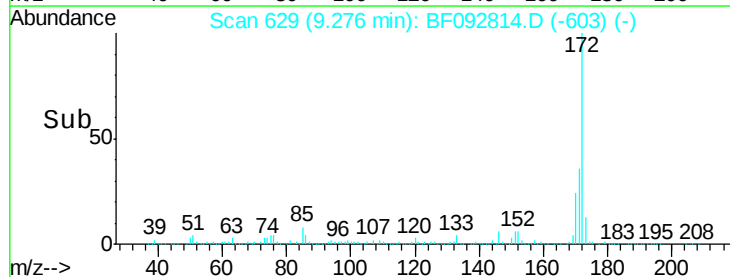
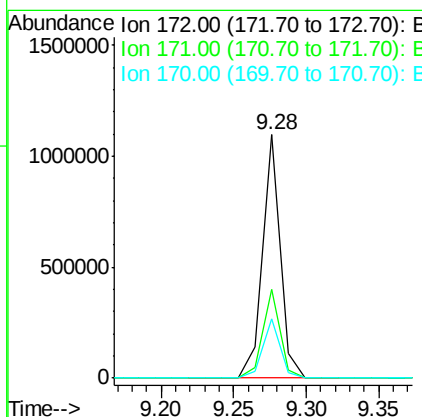
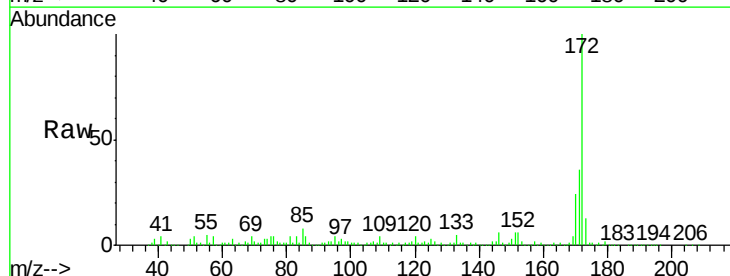
Instrument :
 BNA_F
 ClientSampleId :
 DRUMS-SOIL-ROW-COMP

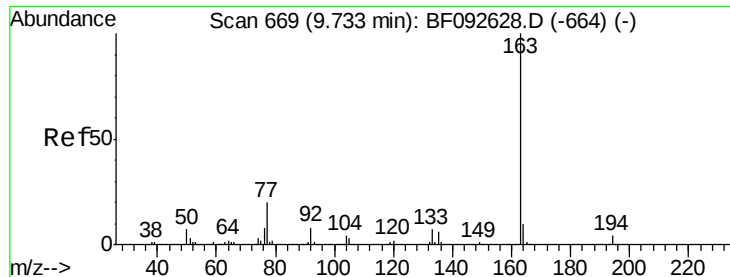
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	38.9	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 84.25 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF092814.D
 Acq: 6 Feb 2017 23:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.3	20.2	30.4

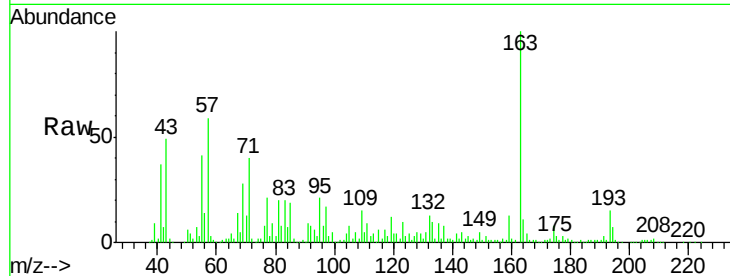




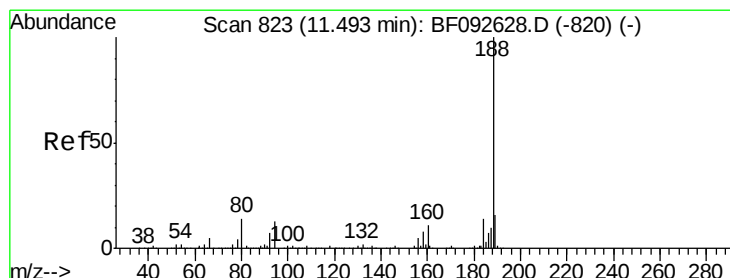
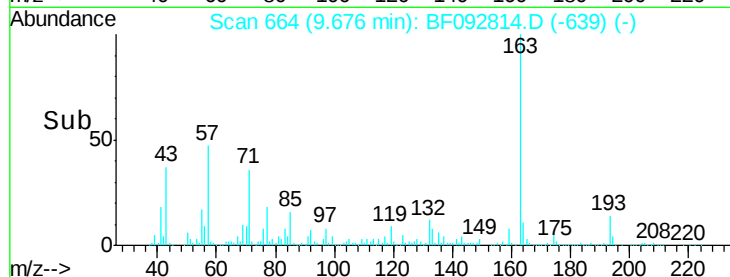
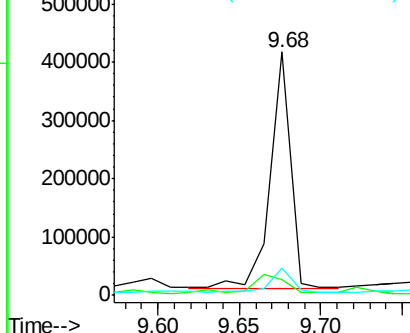
#49
Dimethylphthalate
Concen: 26.29 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF092814.D
Acq: 6 Feb 2017 23:43

Instrument :
BNA_F
ClientSampleId :
DRUMS-SOIL-ROW-COMP

Tot Ion:163 Resp: 355236
Ion Ratio Lower Upper
163 100
194 6.5 3.0 4.4#
164 11.1 8.0 12.0

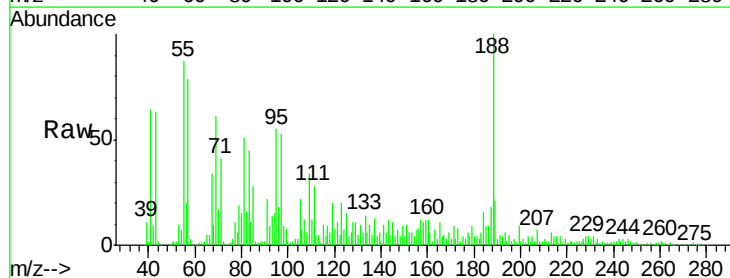


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

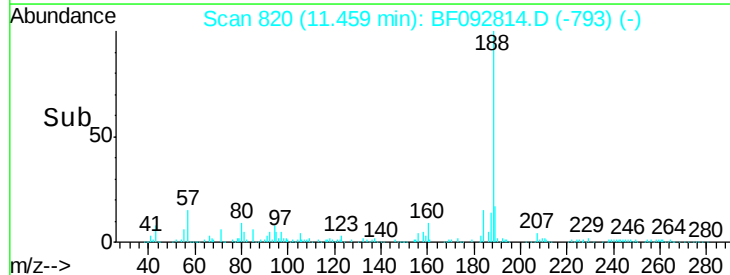
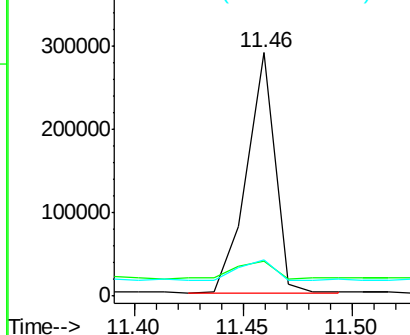


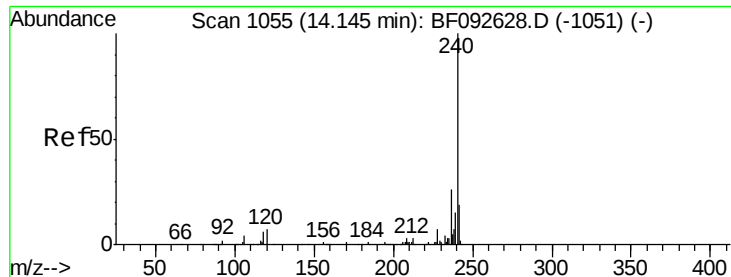
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF092814.D
Acq: 6 Feb 2017 23:43

Tgt Ion:188 Resp: 261877
Ion Ratio Lower Upper
188 100
94 14.6 10.0 15.0
80 14.7 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. 0.03 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

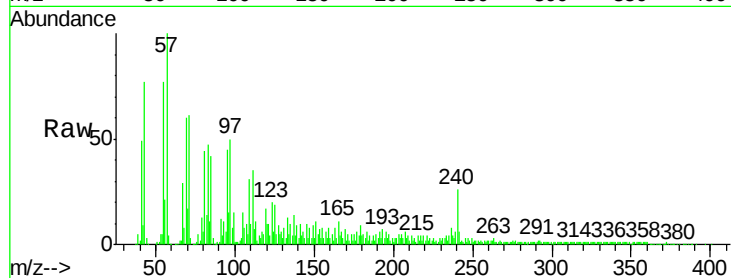
Tot Ion:240 Resp: 124544

Ion Ratio Lower Upper

240 100

120 37.2 12.9 19.3#

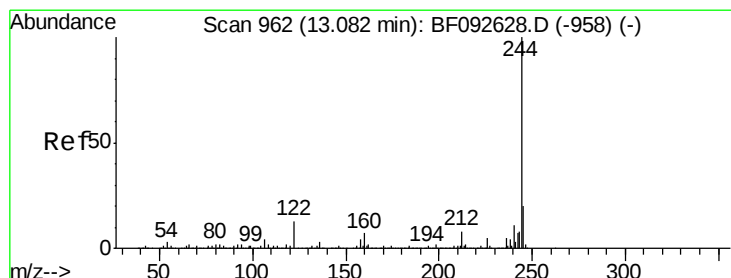
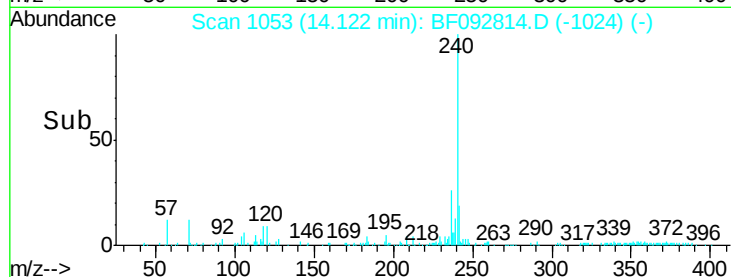
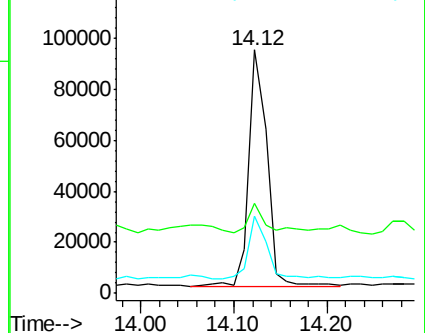
236 31.7 20.9 31.3#



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: 81.00 ng

RT: 13.05 min Scan# 959

Delta R.T. 0.02 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

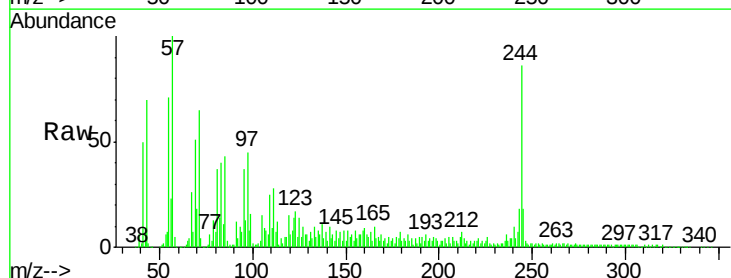
Tgt Ion:244 Resp: 429349

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

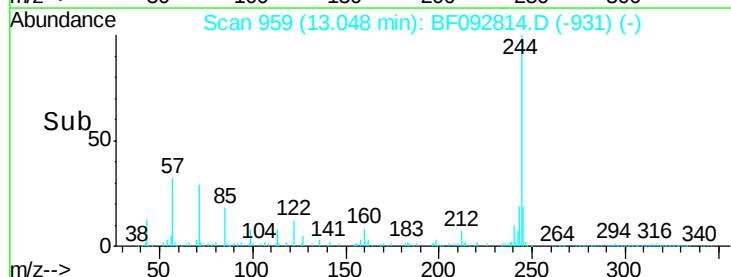
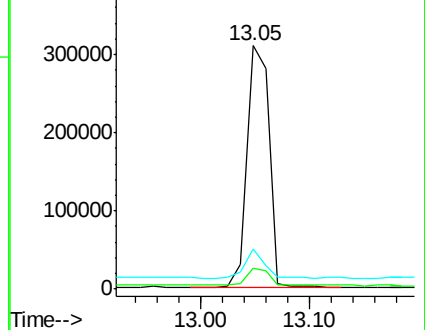
122 16.6 11.4 17.2

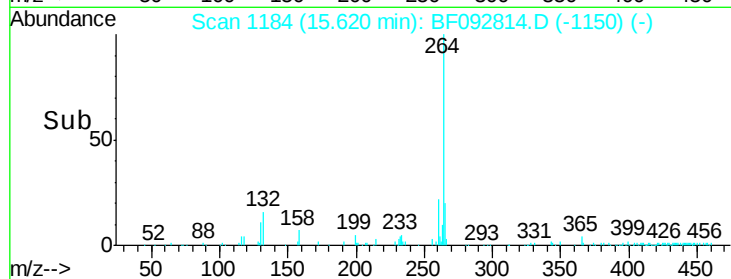
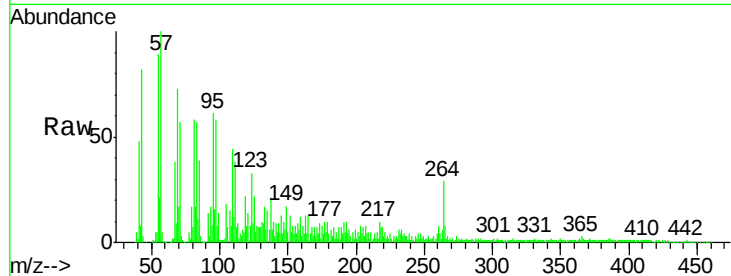
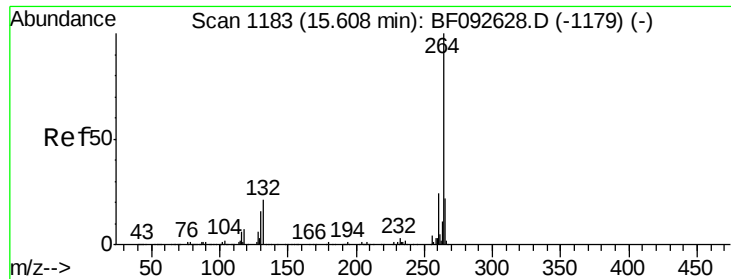


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.62 min Scan# 1184

Delta R.T. 0.09 min

Lab File: BF092814.D

Acq: 6 Feb 2017 23:43

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

Tot Ion:264 Resp: 114890

Ion Ratio Lower Upper

264 100

260 27.4 19.2 28.8

265 26.4 17.4 26.0#

