

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
 Data File : BF092850.D
 Acq On : 8 Feb 2017 3:39
 Operator : SJ/MA
 Sample : I1712-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Feb 08 04:32:03 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 23:52:21 2017
 Response via : Initial Calibration

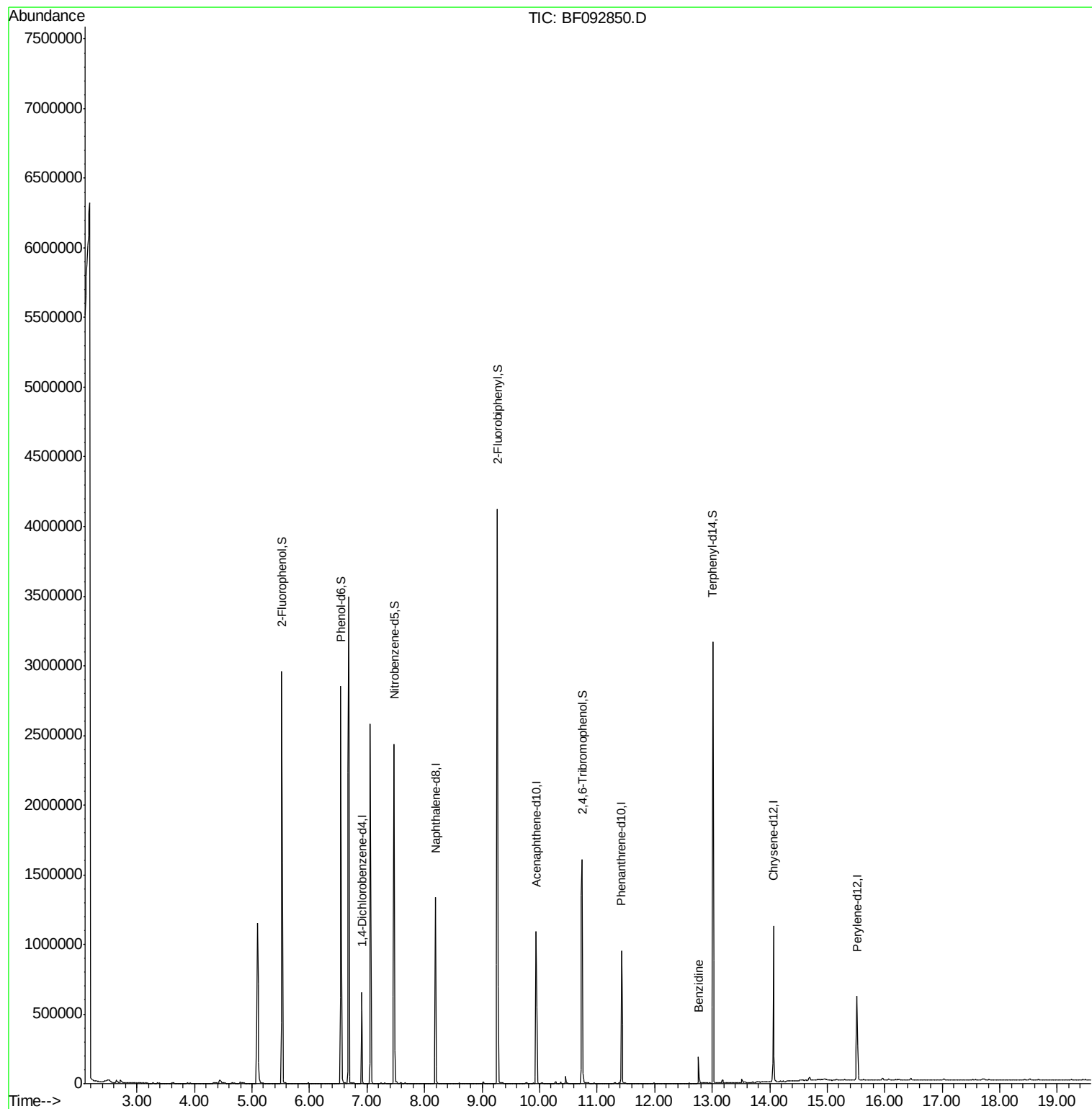
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	138116	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	565743	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	279054	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	394726	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	358404	20.00	ng	-0.01
86) Perylene-d12	15.52	264	269007	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1005839	124.94	ng	0.01
7) Phenol-d6	6.54	99	1139686	110.03	ng	0.00
23) Nitrobenzene-d5	7.47	82	772009	75.99	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	276329	136.91	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1337210	86.81	ng	0.00
78) Terphenyl-d14	13.01	244	1042476	68.34	ng	-0.01
Target Compounds						
76) Benzidine	12.76	184	80328	5.26	ng	Qvalue 97

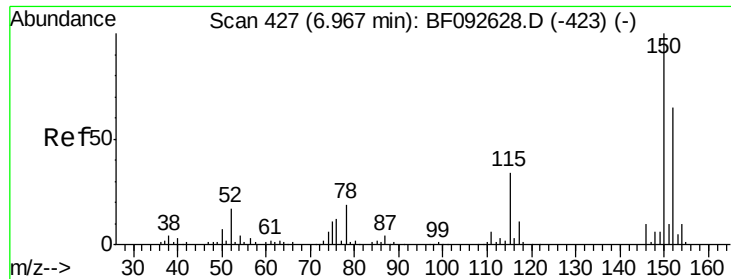
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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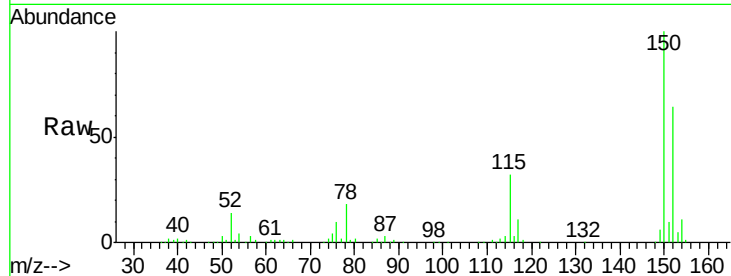


#1

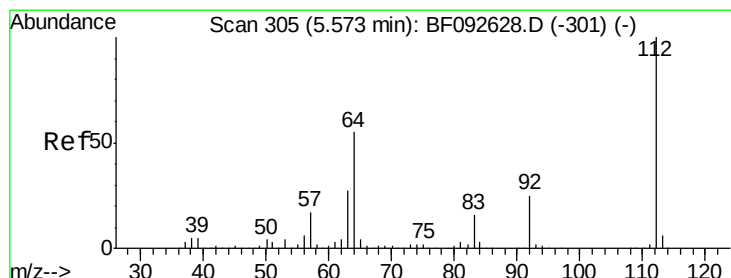
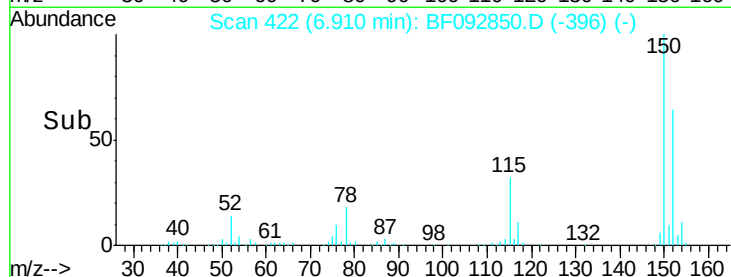
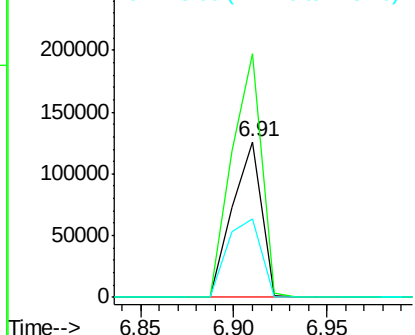
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF092850.D
 Acq: 8 Feb 2017 3:39

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

Tot Ion:152 Resp: 138116
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.9 187.3
 115 50.8 46.0 69.0



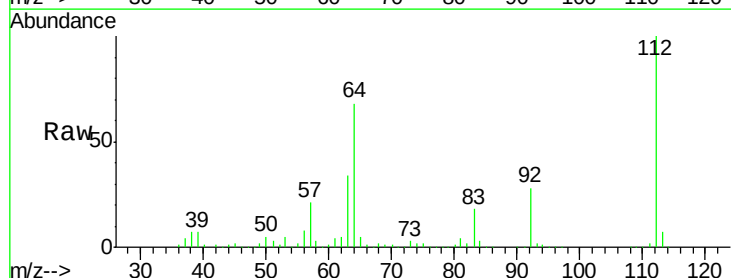
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



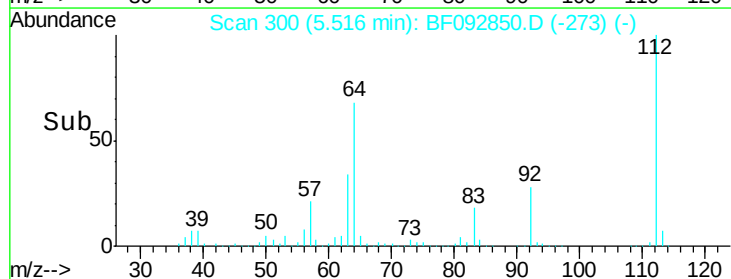
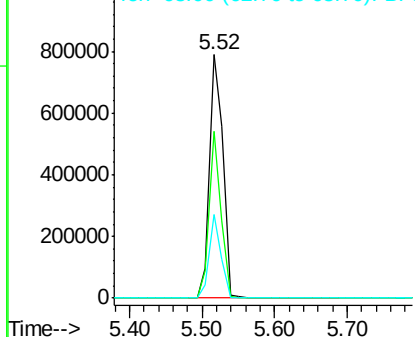
#5

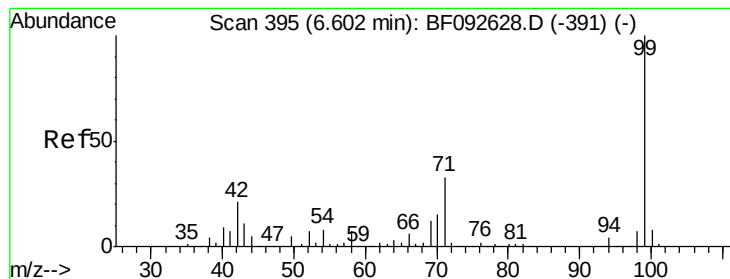
2-Fluorophenol
 Concen: 124.94 ng
 RT: 5.52 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: BF092850.D
 Acq: 8 Feb 2017 3:39

Tgt Ion:112 Resp: 1005839
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.1 69.1
 63 34.5 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: 110.03 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

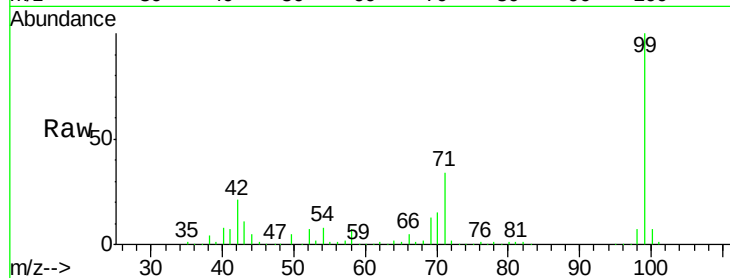
Tot Ion: 99 Resp: 1139686

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

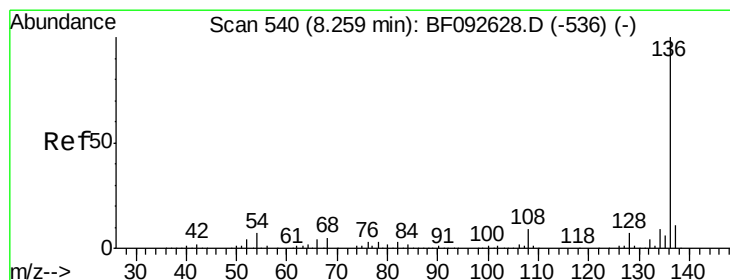
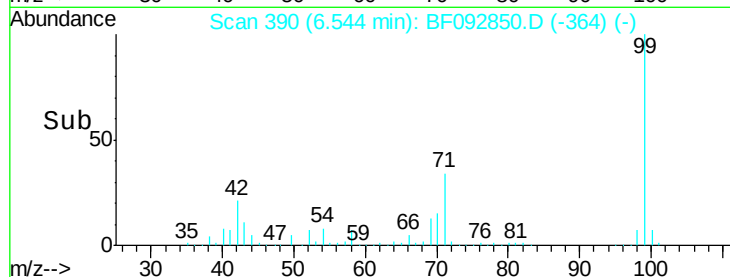
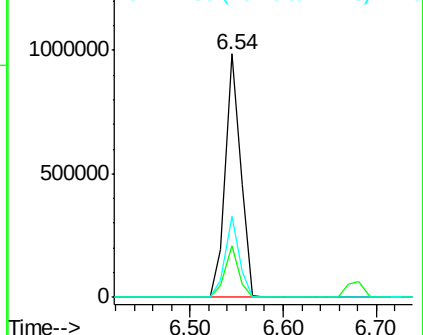
71 33.5 27.5 41.3



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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

Tgt Ion: 136 Resp: 565743

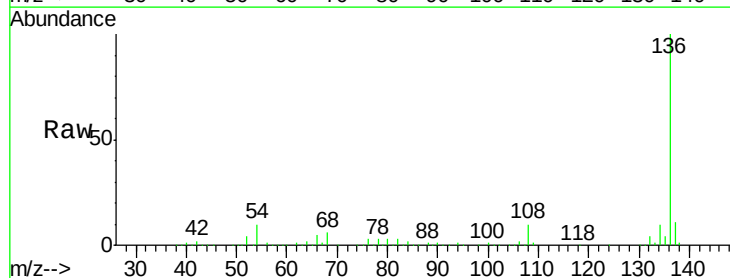
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.6 4.5 6.7#

68 6.3 3.6 5.4#

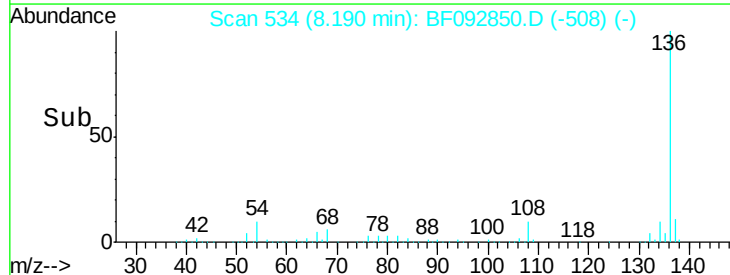
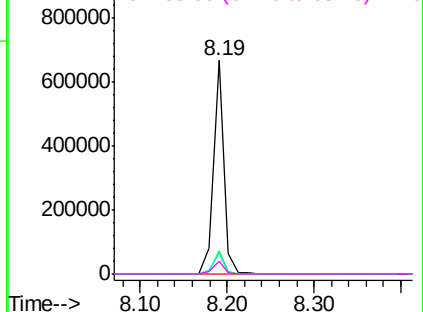


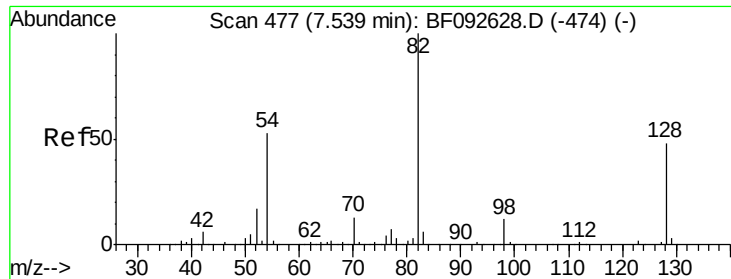
Abundance Ion 136.00 (135.70 to 136.70): E

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

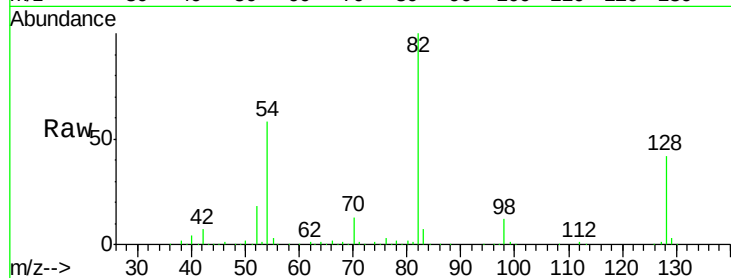




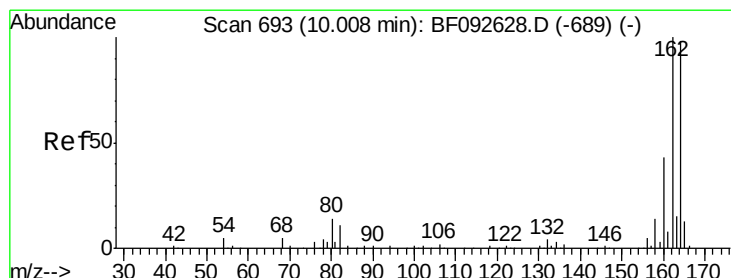
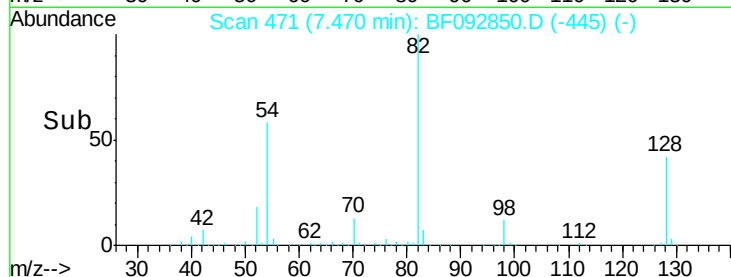
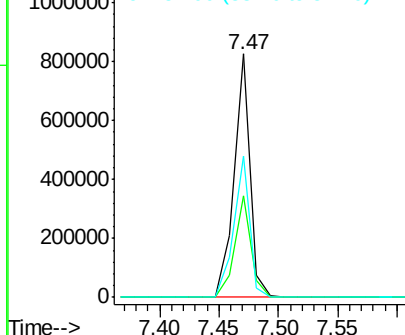
#23
 Nitrobenzene-d5
 Concen: 75.99 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF092850.D
 Acq: 8 Feb 2017 3:39

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

Tot Ion: 82 Resp: 772009
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 52.0
 54 57.8 39.5 59.3

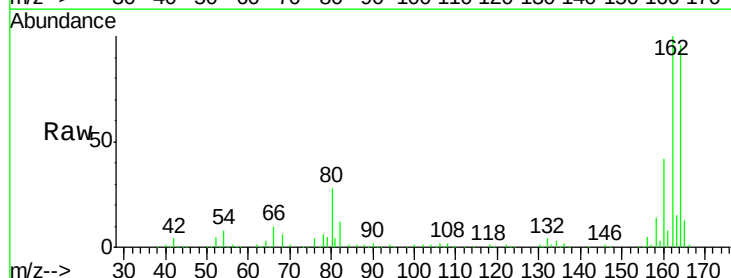


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

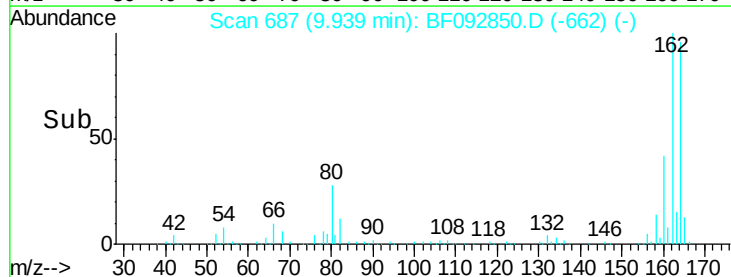
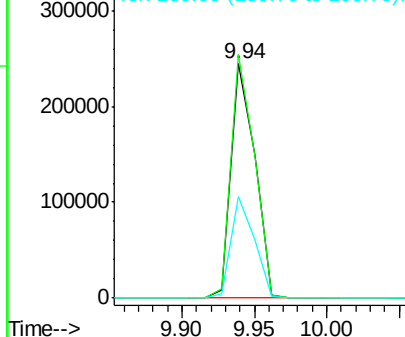


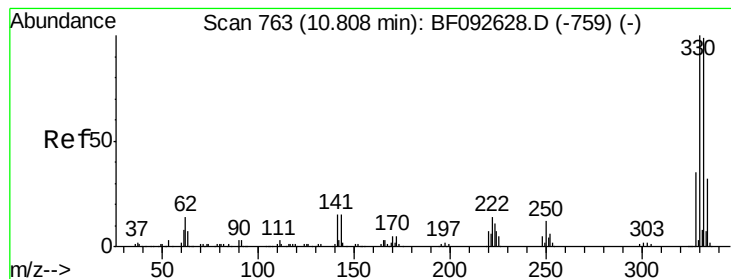
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF092850.D
 Acq: 8 Feb 2017 3:39

Tgt Ion:164 Resp: 279054
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 43.2 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: 136.91 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

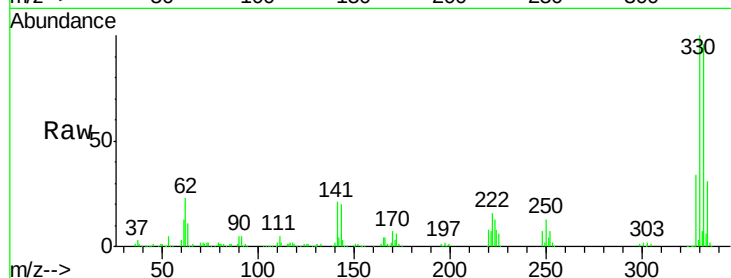
Tot Ion:330 Resp: 276329

Ion Ratio Lower Upper

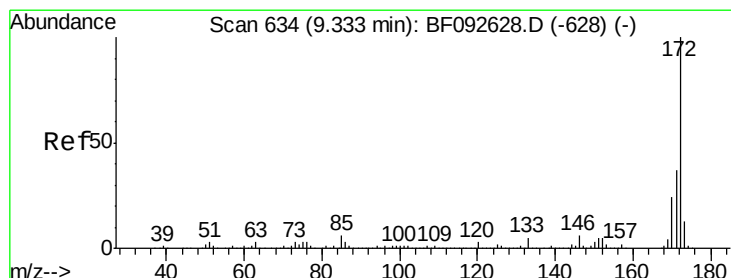
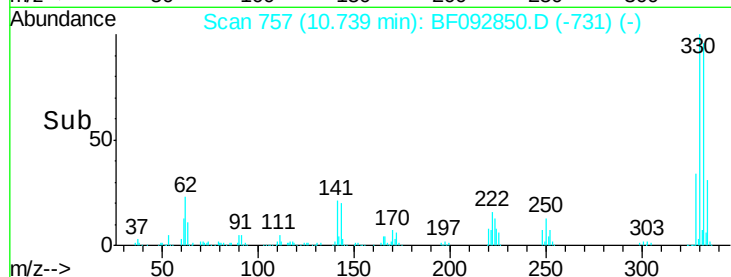
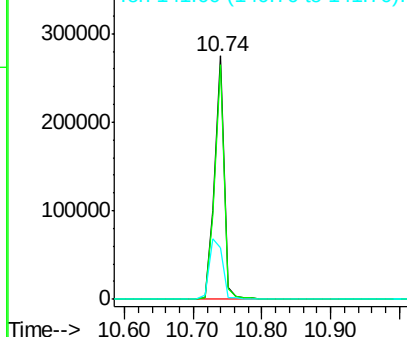
330 100

332 95.6 77.4 116.2

141 34.0 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: 86.81 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

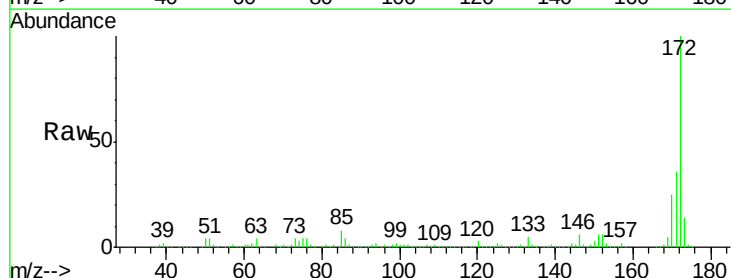
Tgt Ion:172 Resp: 1337210

Ion Ratio Lower Upper

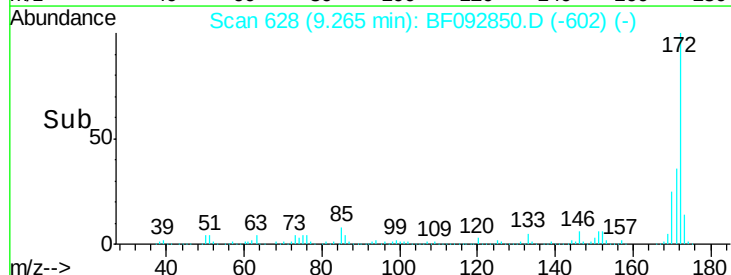
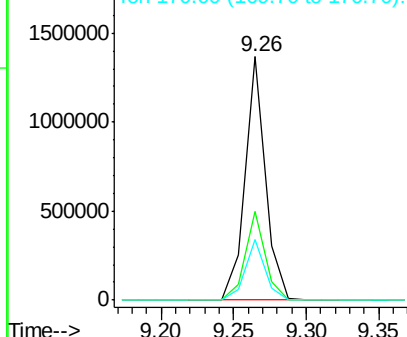
172 100

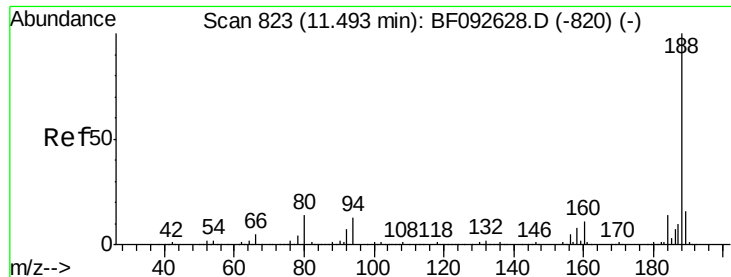
171 36.3 29.4 44.0

170 24.7 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

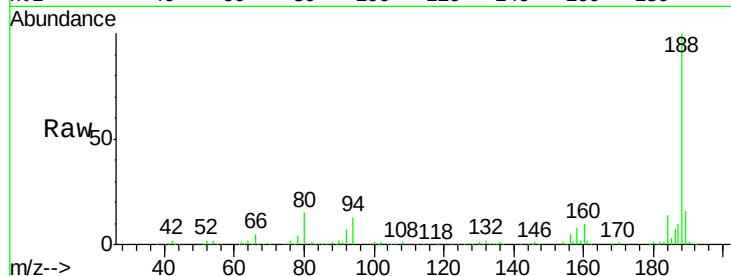




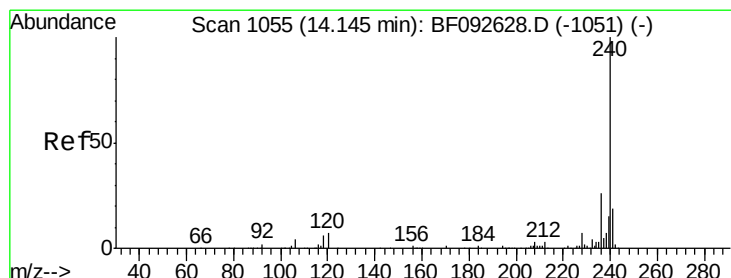
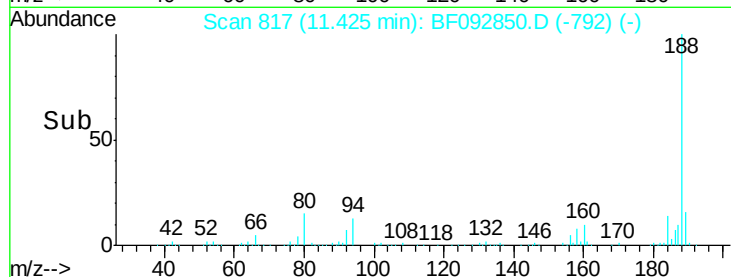
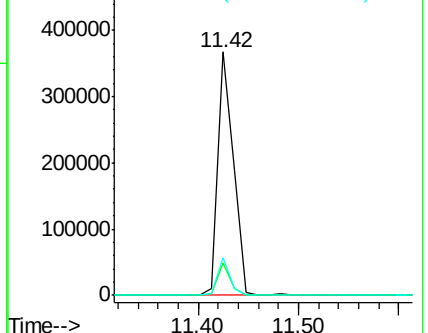
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

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

Tot Ion:188 Resp: 394726
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 15.4 11.2 16.8

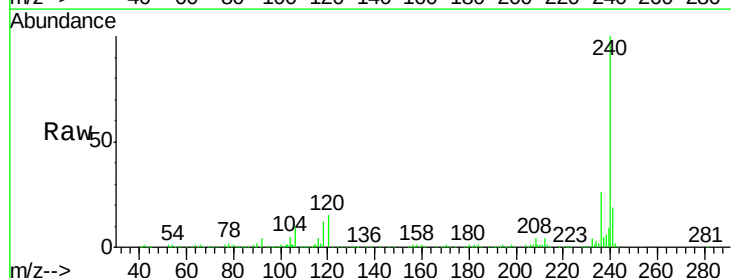


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

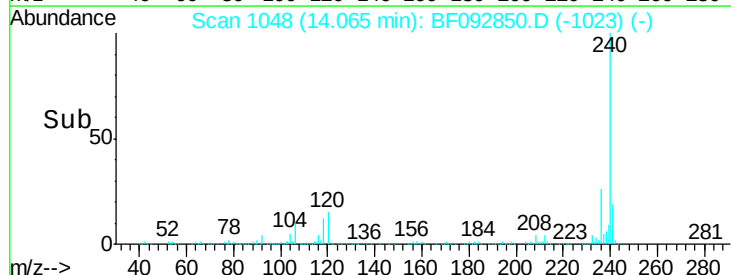
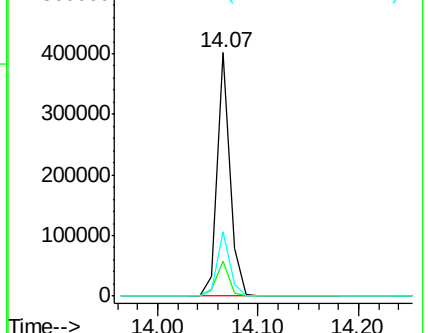


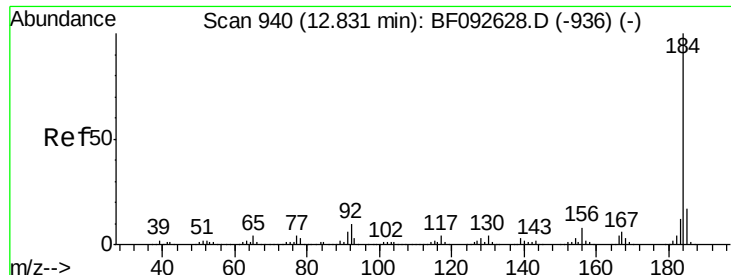
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

Tgt Ion:240 Resp: 358404
Ion Ratio Lower Upper
240 100
120 14.6 12.9 19.3
236 26.3 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





#76

Benzidine

Concen: 5.26 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

Instrument :

BNA_F

ClientSampleId :

DRUMS-SOIL-ROW-COMP

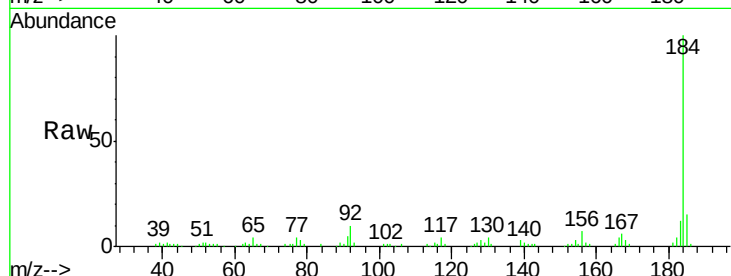
Tot Ion:184 Resp: 80328

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

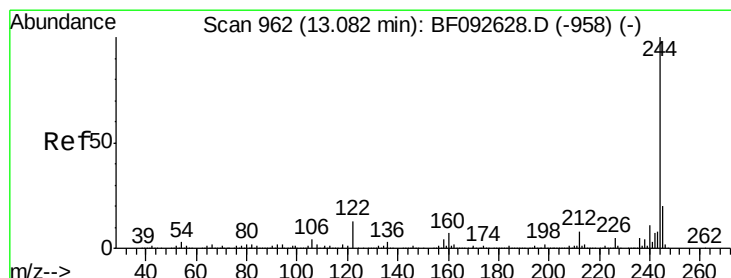
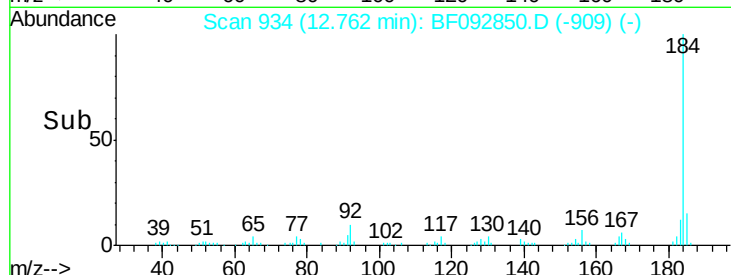
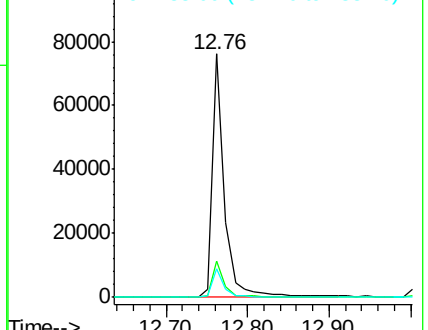
183 11.8 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 68.34 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092850.D

Acq: 8 Feb 2017 3:39

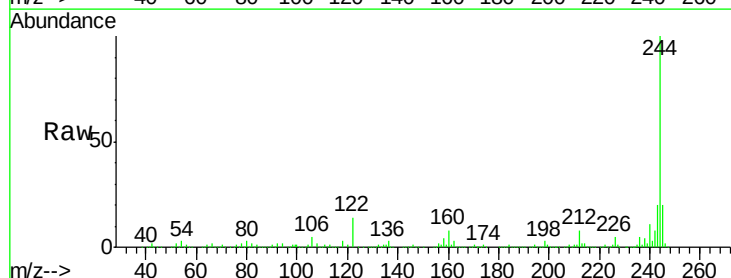
Tgt Ion:244 Resp: 1042476

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

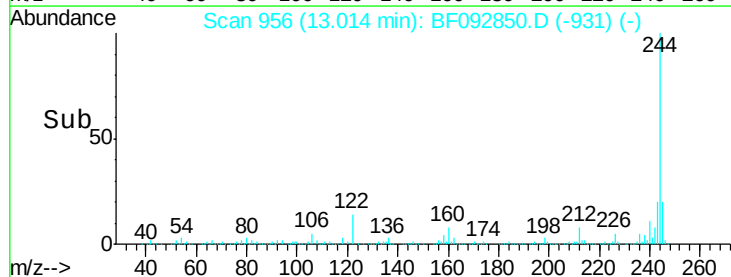
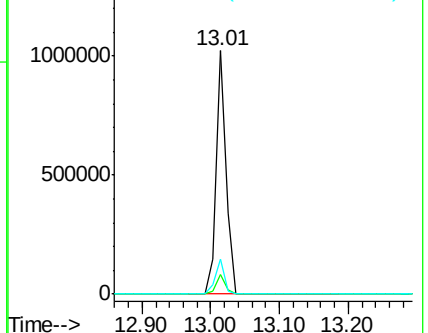
122 14.4 11.4 17.2

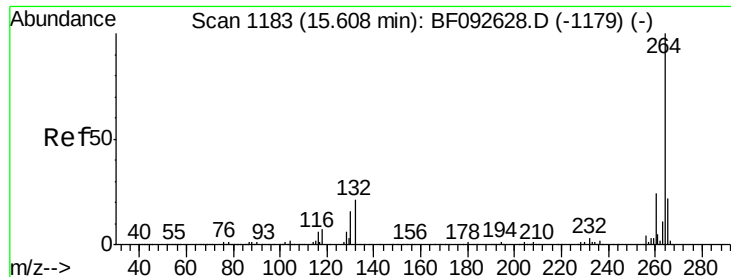


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



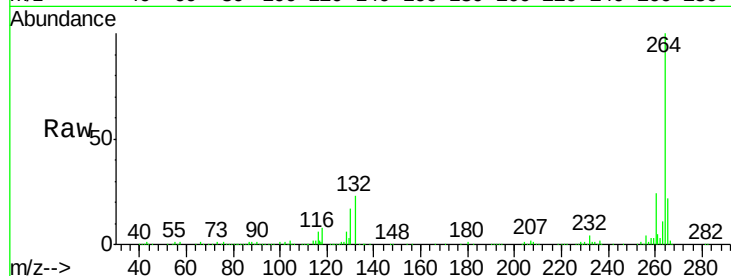


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF092850.D
Acq: 8 Feb 2017 3:39

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

Tot Ion: 264 Resp: 269007

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	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

