

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075542.D
 Acq On : 15 Nov 2014 15:21
 Operator : TP / JJ
 Sample : F4736-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-X140-27

Quant Time: Nov 16 03:37:39 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

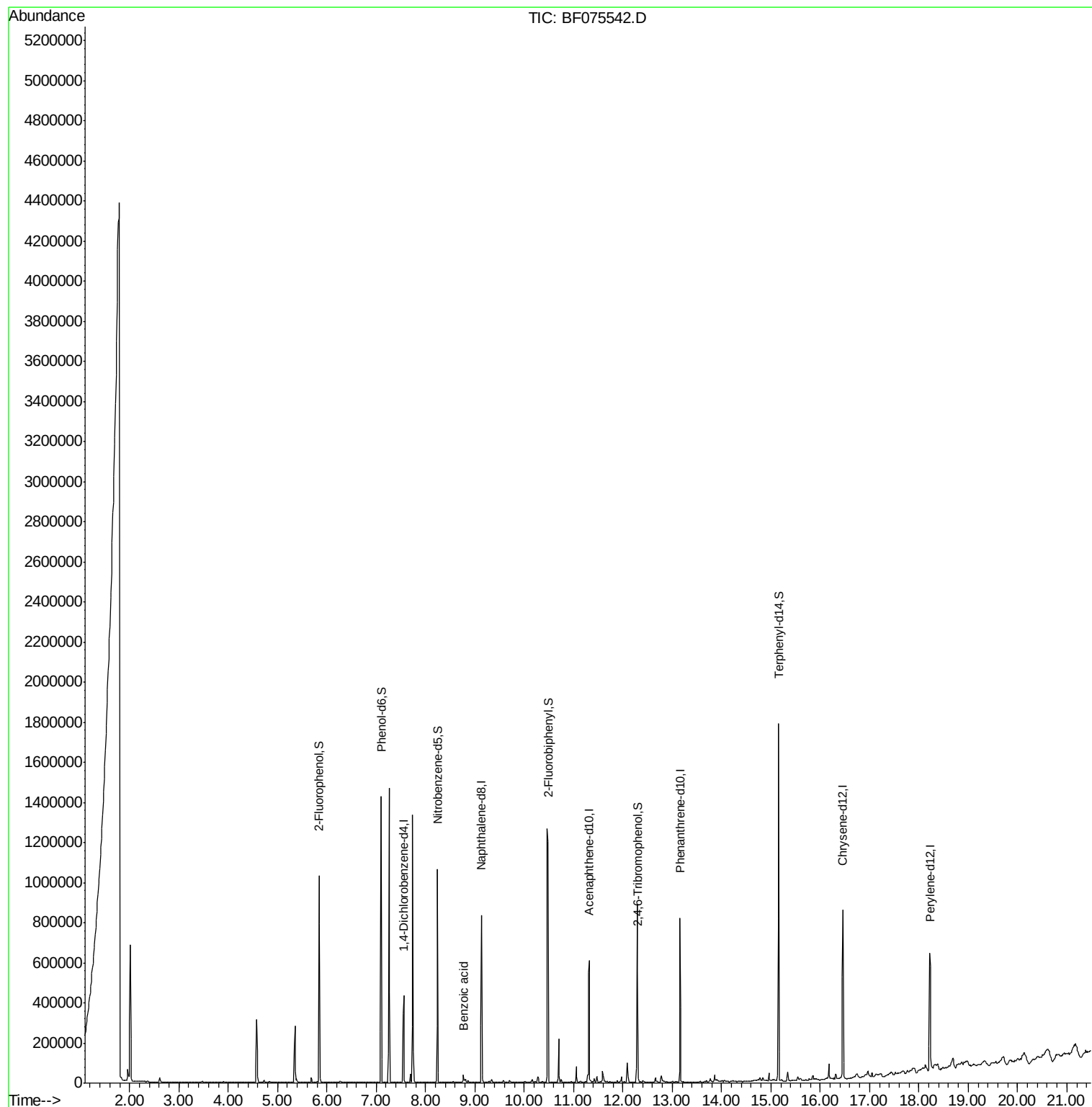
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	92118	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	401758	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	193400	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	343991	20.00	ng	0.00
75) Chrysene-d12	16.46	240	365219	20.00	ng	0.00
86) Perylene-d12	18.23	264	320607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	388290	74.47	ng	0.01
7) Phenol-d6	7.10	99	442729	70.61	ng	0.01
23) Nitrobenzene-d5	8.24	82	316436	57.75	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	130610	80.63	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	614734	57.44	ng	0.00
78) Terphenyl-d14	15.16	244	646245	47.64	ng	0.00
Target Compounds						
32) Benzoic acid	8.77	122	9239	2.73	ng	Qvalue 84

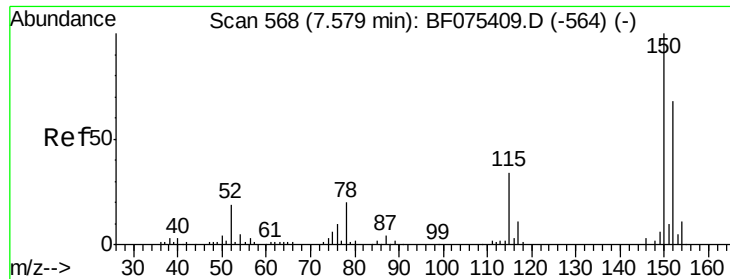
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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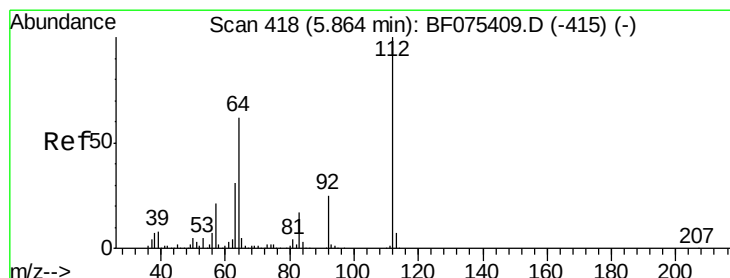
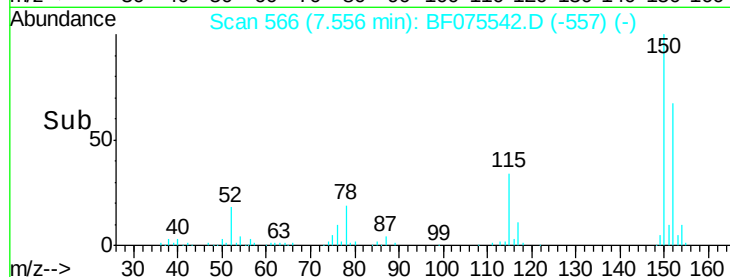
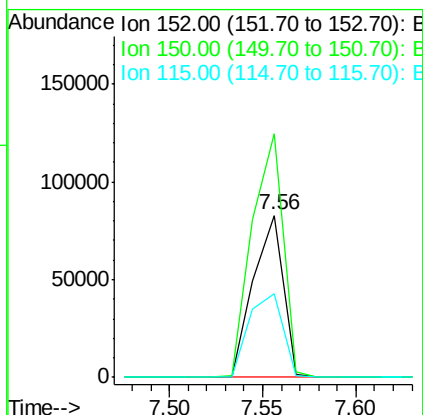
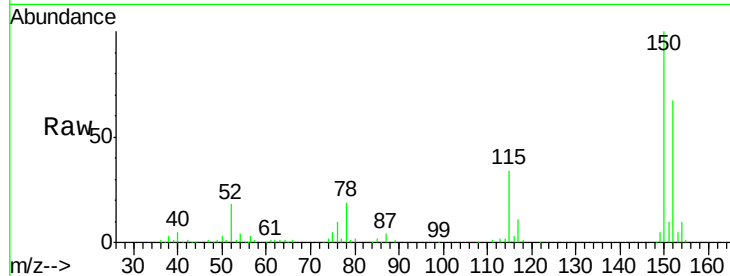


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-X140-27

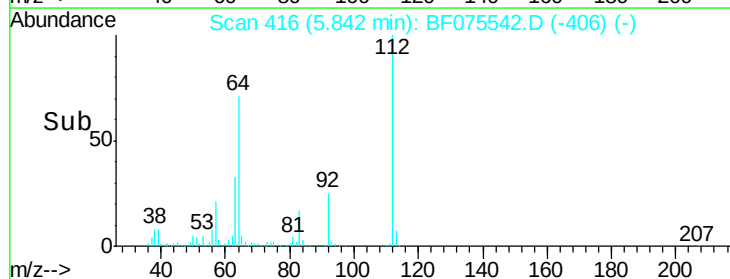
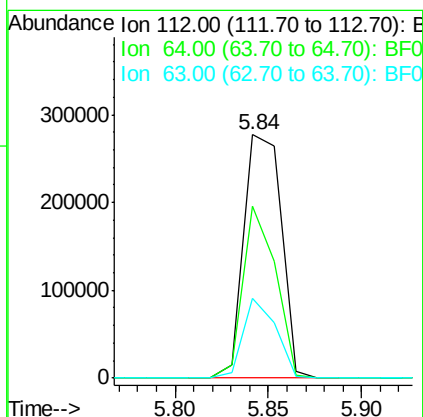
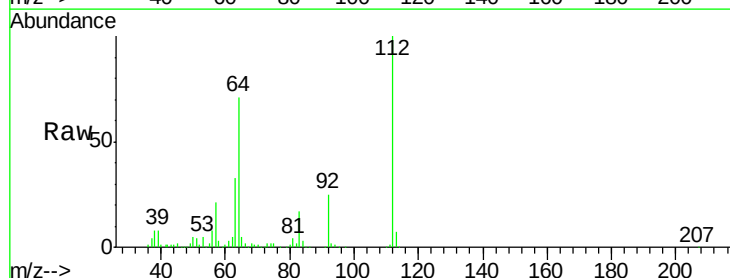
Tot Ion:152 Resp: 92118
Ion Ratio Lower Upper
152 100
150 150.2 127.2 190.8
115 51.3 57.1 85.7#

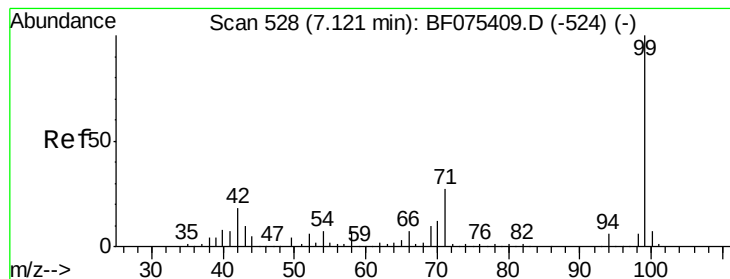


#5

2-Fluorophenol
Concen: 74.47 ng
RT: 5.84 min Scan# 416
Delta R.T. 0.01 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Tgt Ion:112 Resp: 388290
Ion Ratio Lower Upper
112 100
64 70.9 45.8 68.6#
63 33.0 22.7 34.1





#7

Phenol-d6

Concen: 70.61 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF075542.D

Acq: 15 Nov 2014 15:21

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X140-27

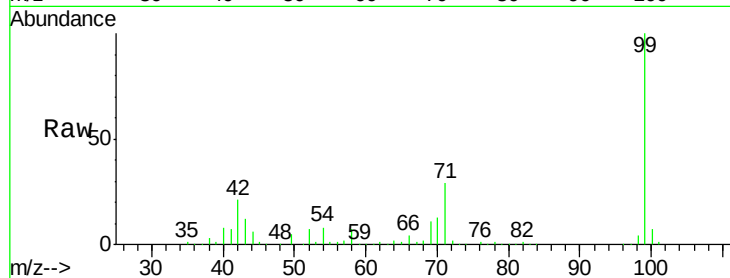
Tot Ion: 99 Resp: 442729

Ion Ratio Lower Upper

99 100

42 20.9 19.8 29.6

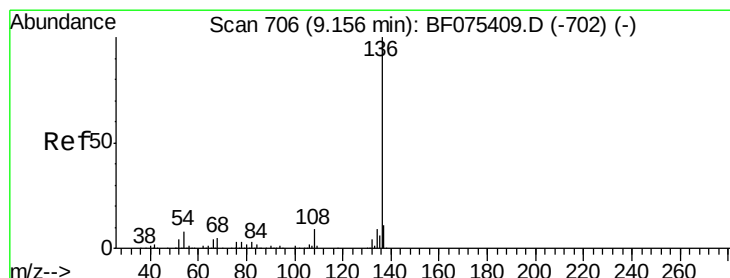
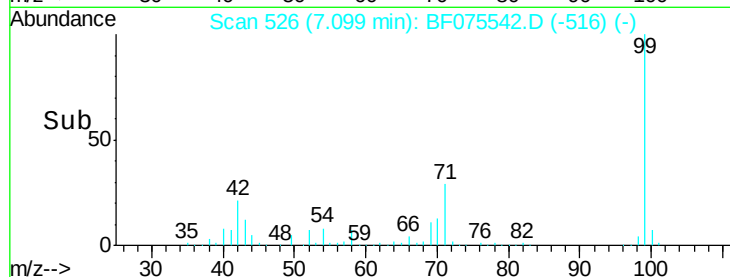
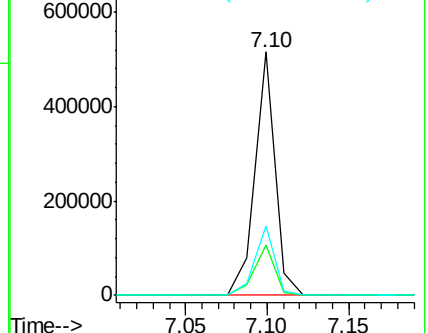
71 28.6 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075542.D

Acq: 15 Nov 2014 15:21

Tgt Ion: 136 Resp: 401758

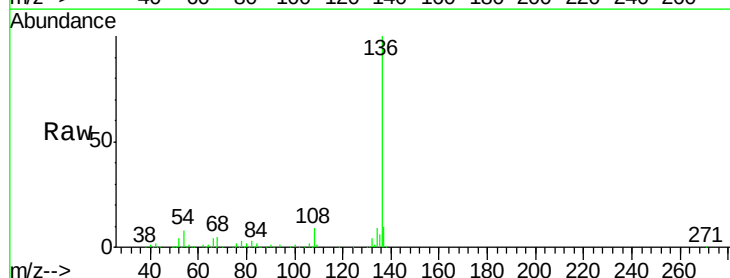
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 8.1 6.2 9.4

68 5.1 3.4 5.2

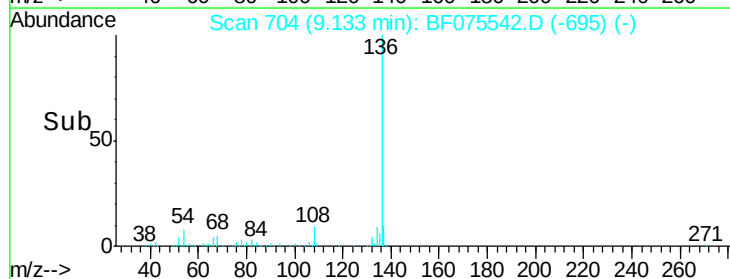
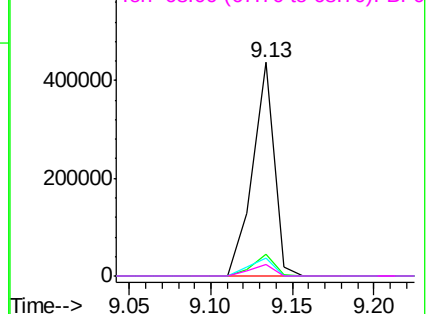


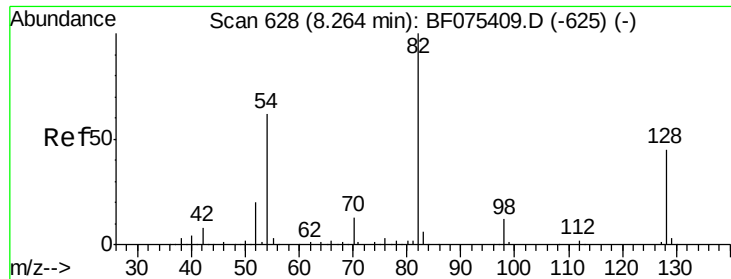
Abundance Ion 136.00 (135.70 to 136.70): E

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

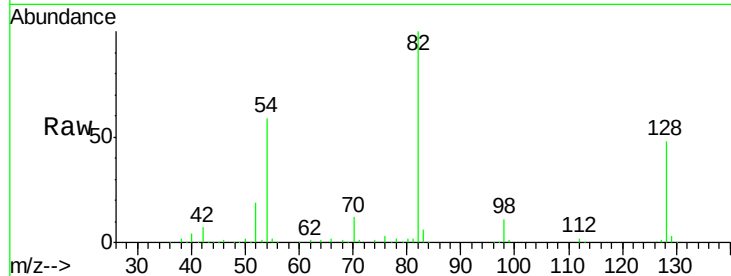




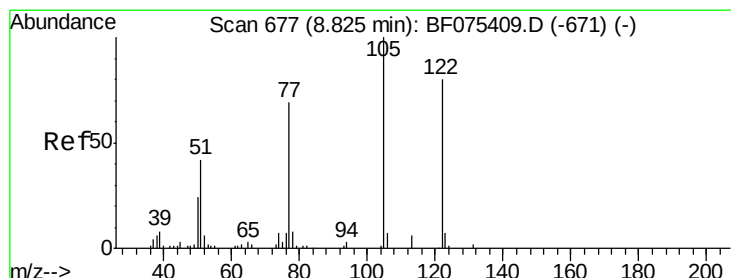
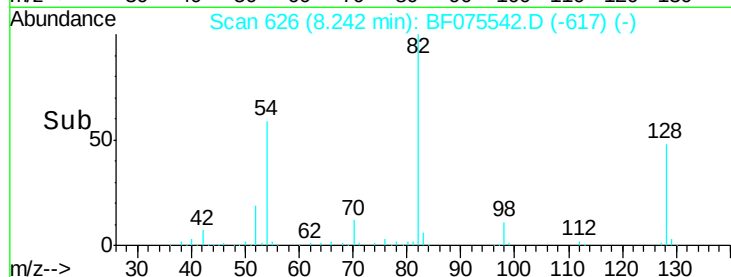
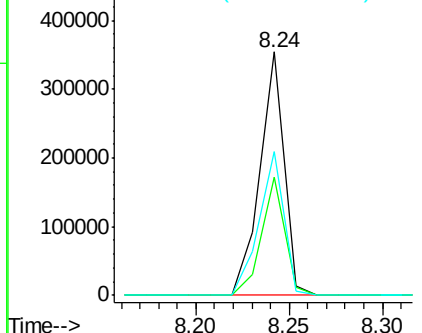
#23
 Nitrobenzene-d5
 Concen: 57.75 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075542.D
 Acq: 15 Nov 2014 15:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-X140-27

Tot Ion	82	Resp	316436
Ion Ratio	Lower	Upper	
82	100		
128	48.4	37.8	56.6
54	59.2	49.8	74.8

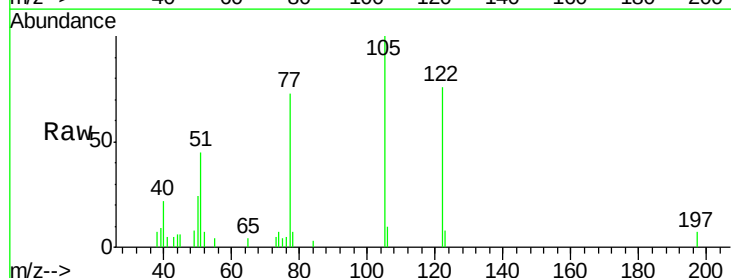


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

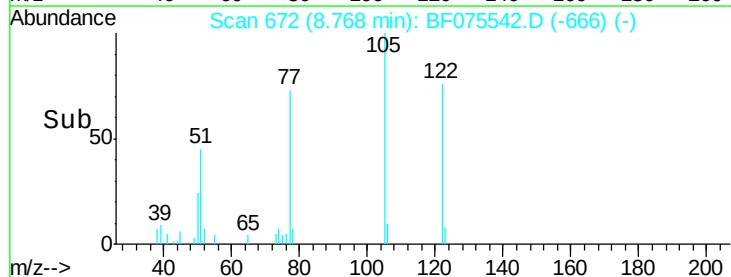
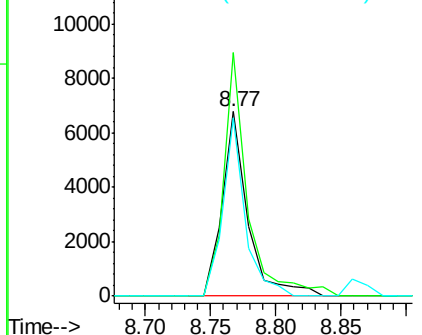


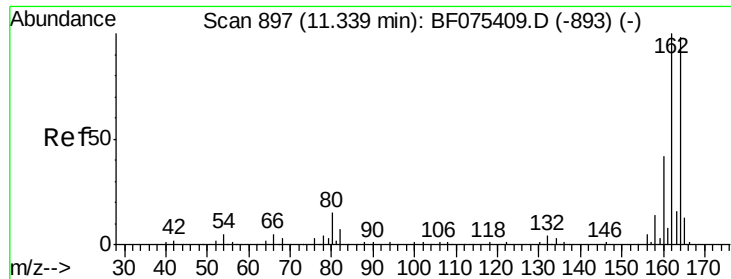
#32
 Benzoic acid
 Concen: 2.73 ng
 RT: 8.77 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF075542.D
 Acq: 15 Nov 2014 15:21

Tgt Ion	122	Resp	9239
Ion Ratio	Lower	Upper	
122	100		
105	132.0	95.1	135.1
77	96.6	62.6	102.6



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 105.00 (104.70 to 105.70): B
 Ion 77.00 (76.70 to 77.70): BF0

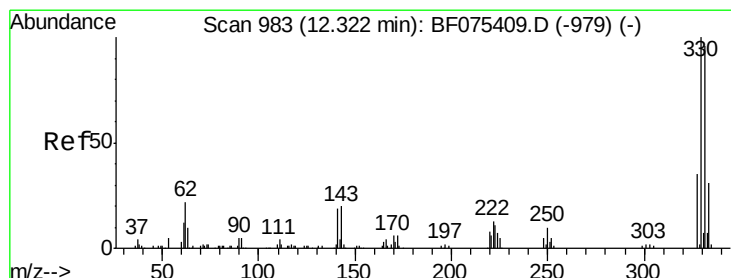
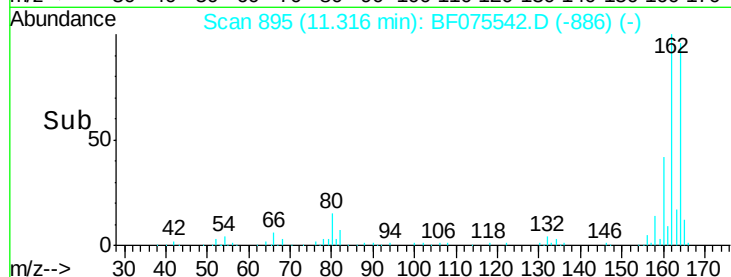
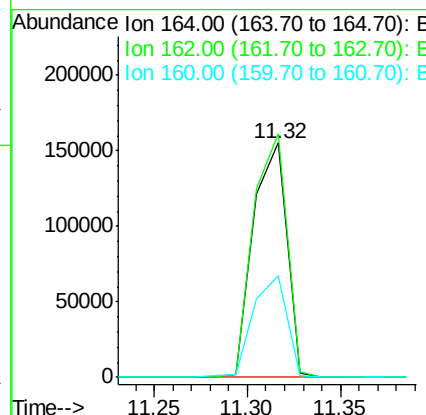
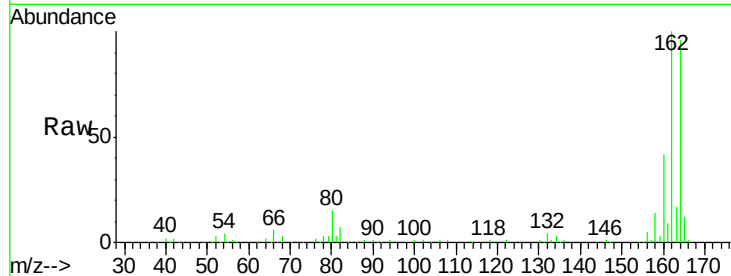




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

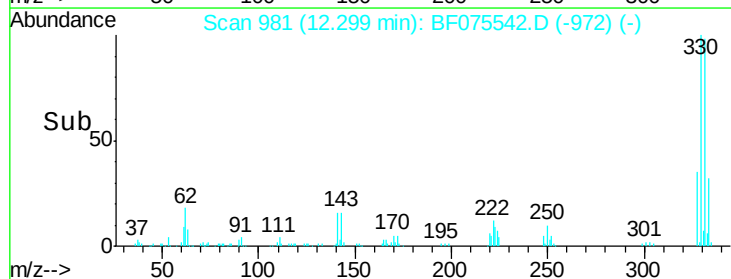
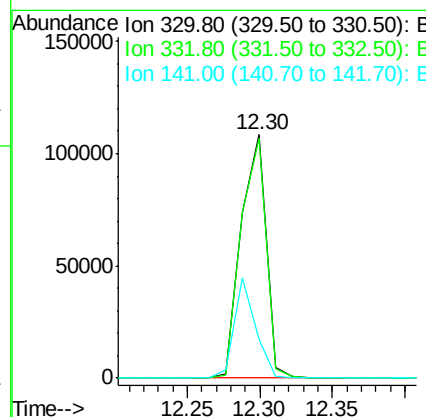
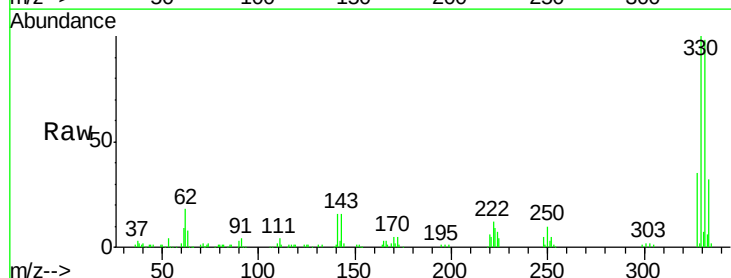
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-X140-27

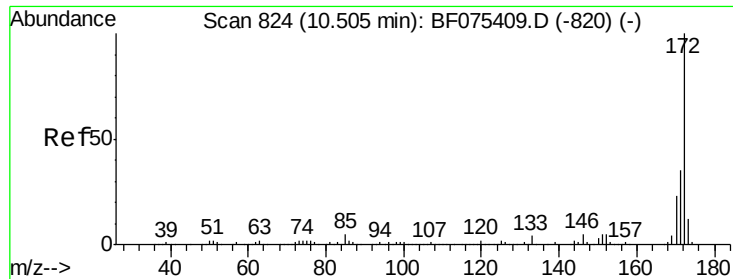
Tot Ion:164 Resp: 193400
Ion Ratio Lower Upper
164 100
162 104.0 79.1 118.7
160 43.5 34.6 51.8



#41
2,4,6-Tribromophenol
Concen: 80.63 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Tgt Ion:330 Resp: 130610
Ion Ratio Lower Upper
330 100
332 98.7 74.5 111.7
141 34.9 30.7 46.1

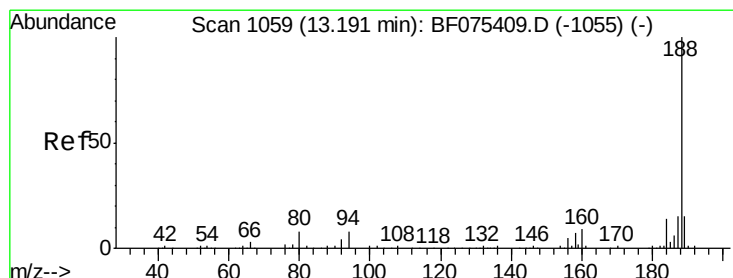
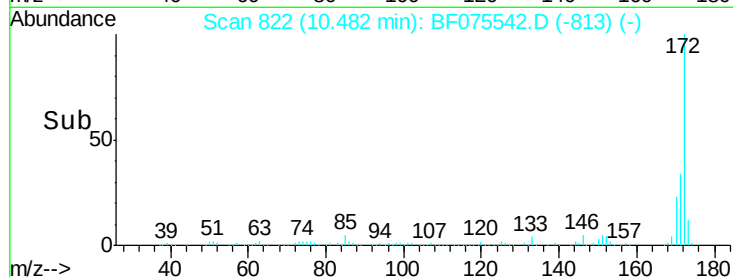
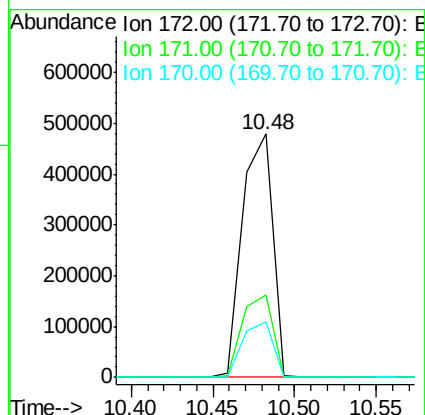
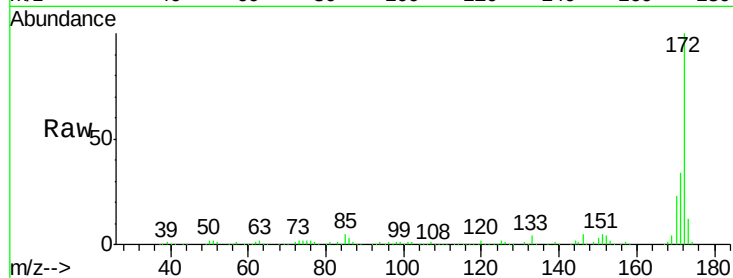




#44
2-Fluorobiphenyl
Concen: 57.44 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

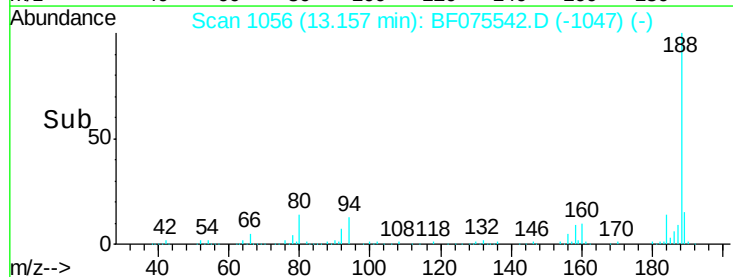
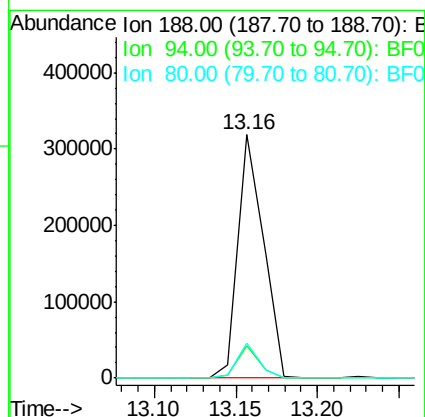
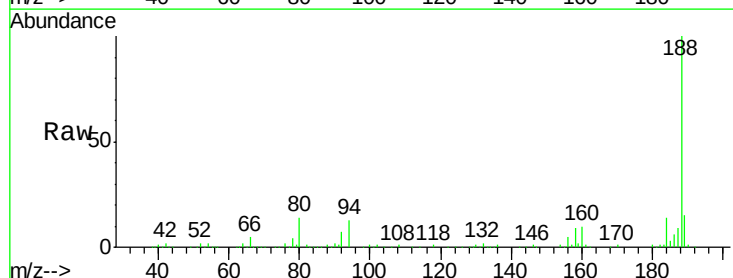
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-X140-27

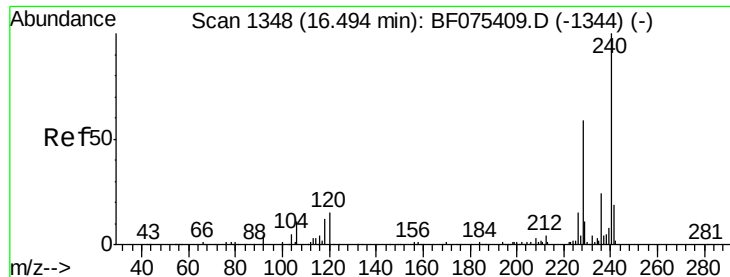
Tot Ion:172 Resp: 614734
Ion Ratio Lower Upper
172 100
171 33.7 27.3 40.9
170 22.9 18.4 27.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Tgt Ion:188 Resp: 343991
Ion Ratio Lower Upper
188 100
94 13.1 7.8 11.6#
80 14.1 8.0 12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF075542.D

Acq: 15 Nov 2014 15:21

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X140-27

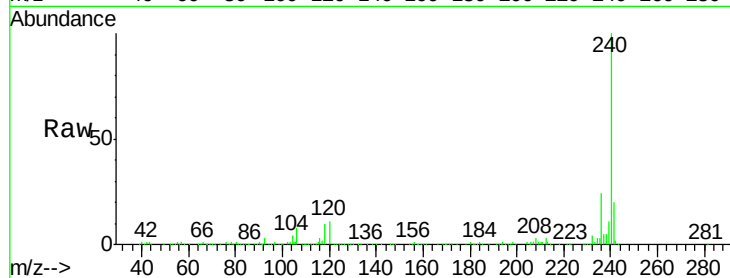
Tot Ion:240 Resp: 365219

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

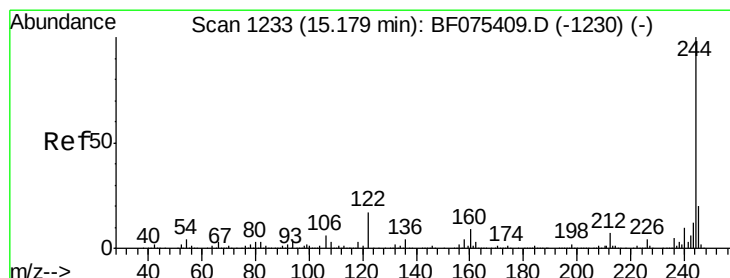
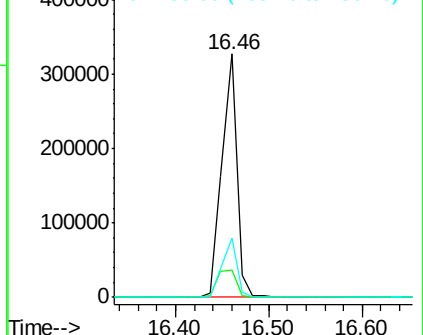
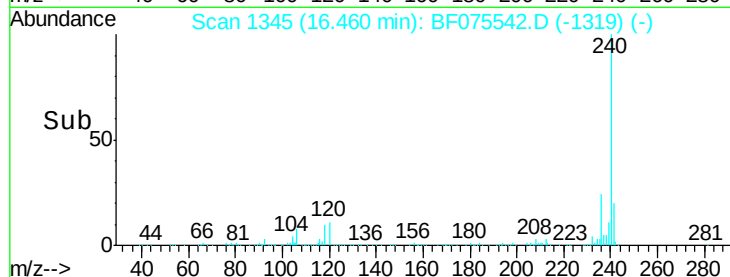
236 24.5 18.9 28.3



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: 47.64 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075542.D

Acq: 15 Nov 2014 15:21

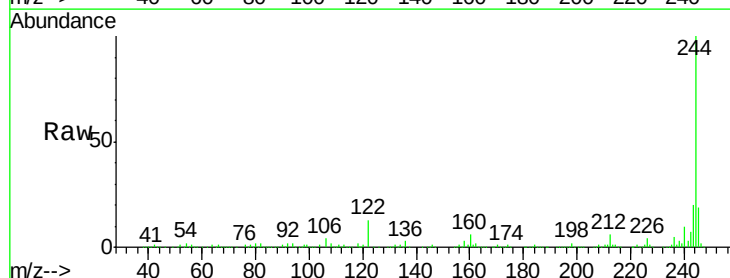
Tgt Ion:244 Resp: 646245

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

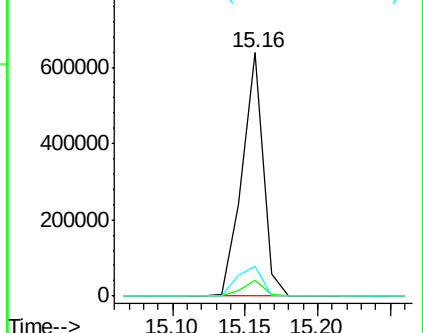
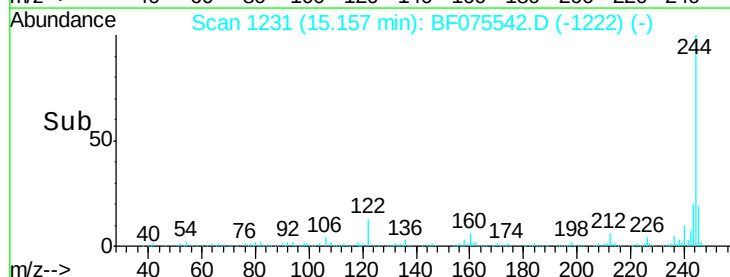
122 12.5 9.7 14.5

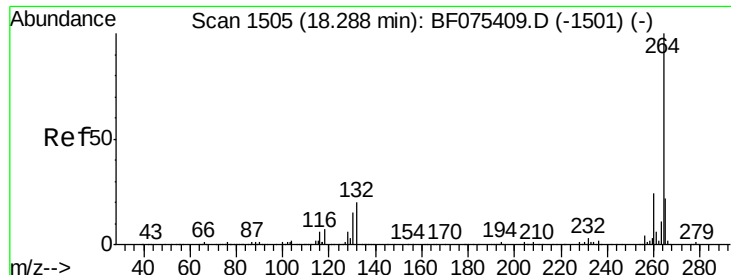


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

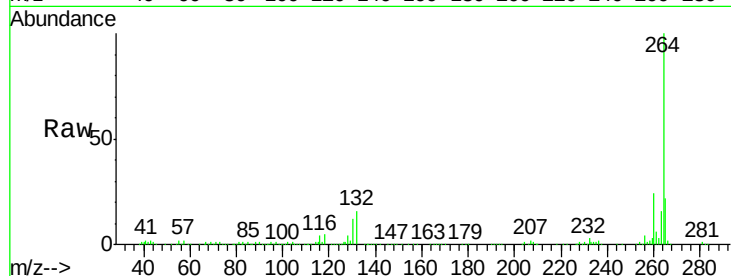




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: BF075542.D
 Acq: 15 Nov 2014 15:21

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-X140-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.0	16.3	24.5



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

