

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 02:40:05 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

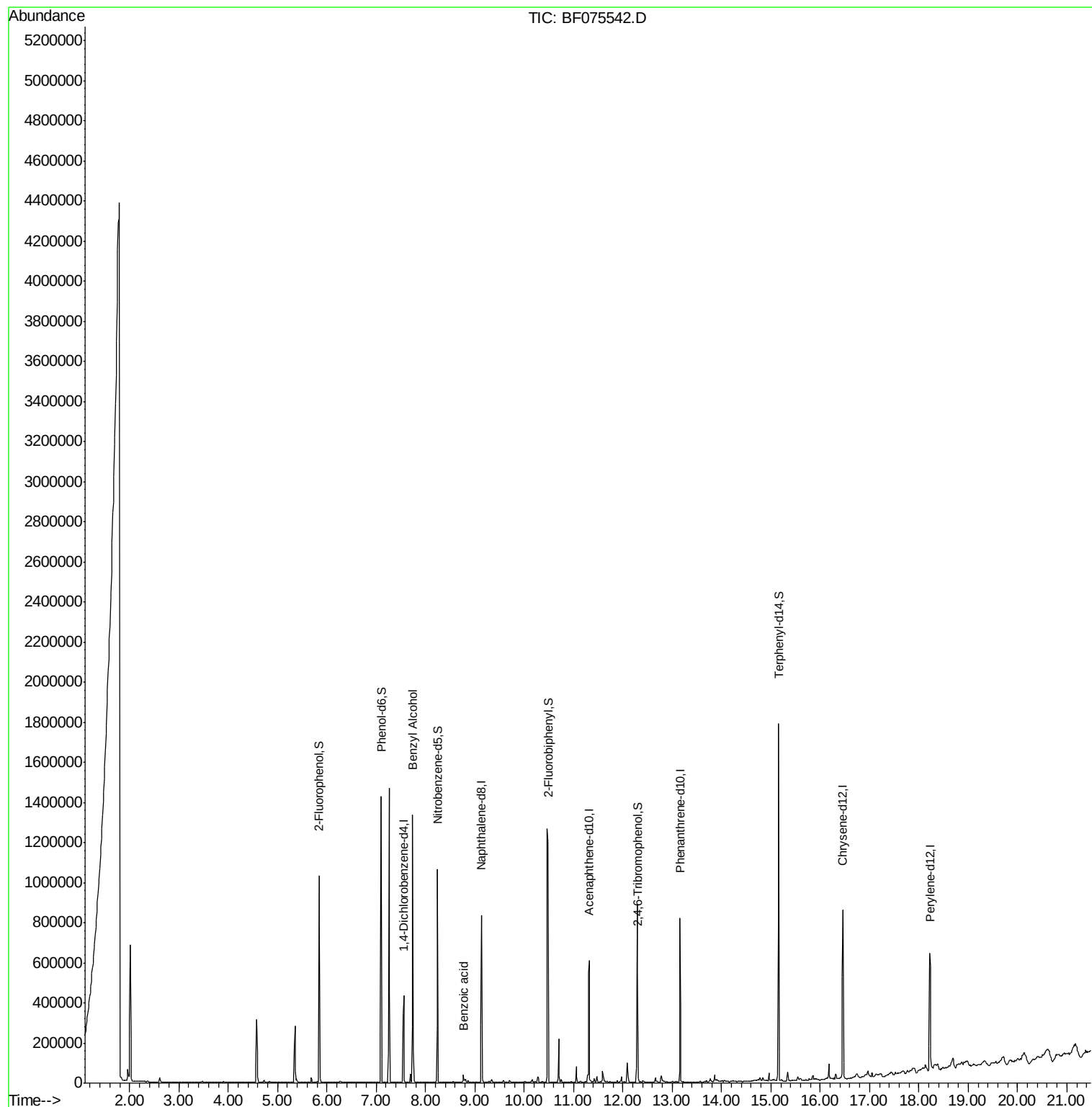
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	92118	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	401758	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	193400	20.00	ng	0.00
63) Phenanthrene-d10	13.16	188	343991	20.00	ng	0.00
75) Chrysene-d12	16.46	240	365219	20.00	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						
15) Benzyl Alcohol	7.74	79	18389	3.74	ng	Qvalue # 70
32) Benzoic acid	8.77	122	9239	2.73	ng	84

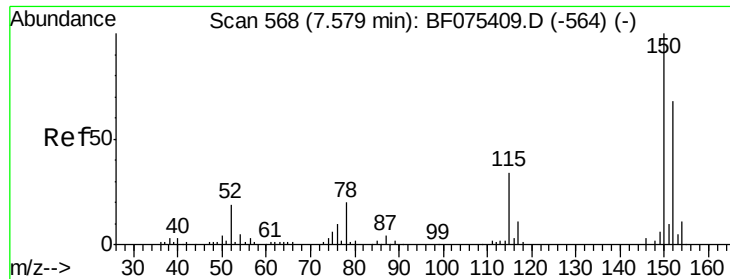
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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WC-SOIL-X140-27

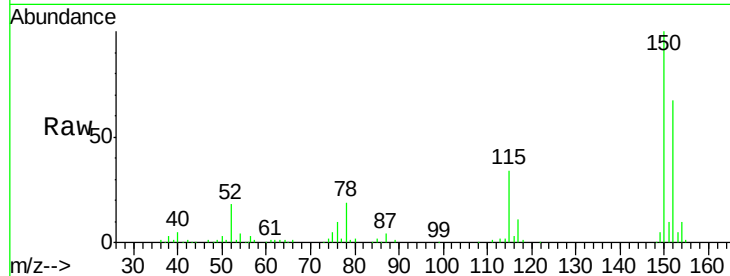
Tgt Ion:152 Resp: 92118

Ion Ratio Lower Upper

152 100

150 150.2 127.2 190.8

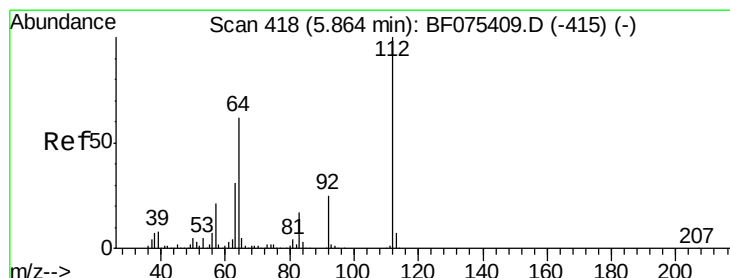
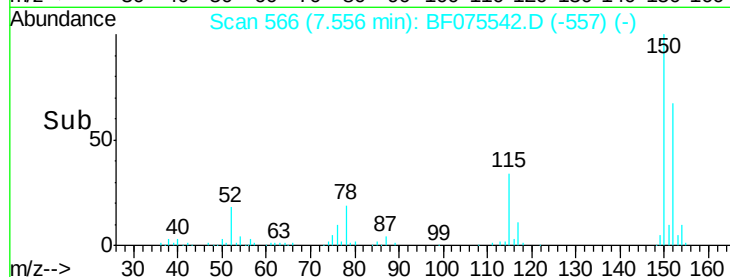
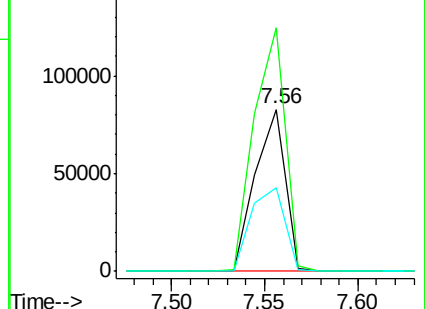
115 51.3 57.1 85.7#



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: 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

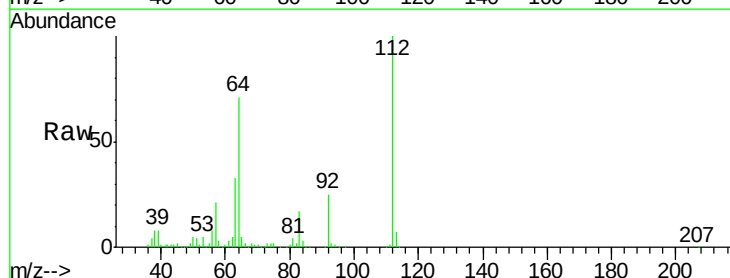
Tgt Ion:112 Resp: 388290

Ion Ratio Lower Upper

112 100

64 70.9 45.8 68.6#

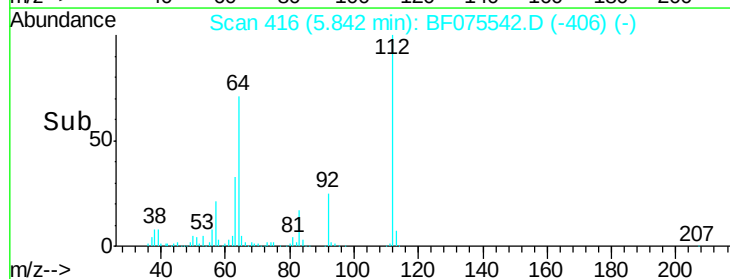
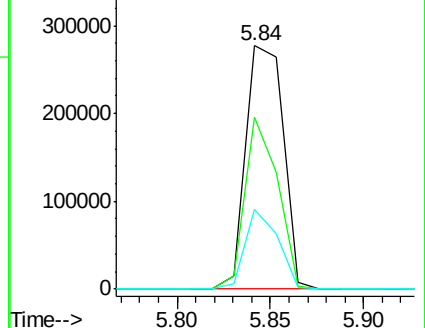
63 33.0 22.7 34.1

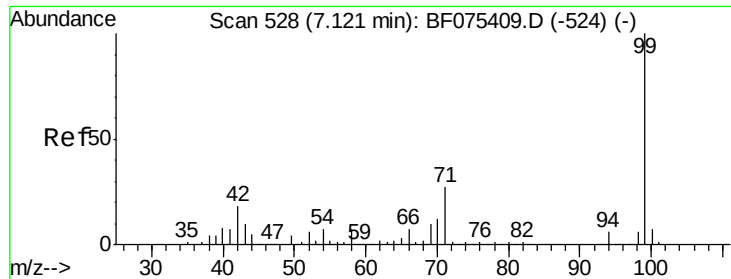


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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

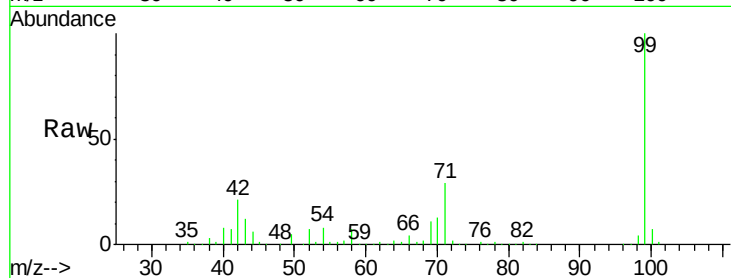
Tgt Ion: 99 Resp: 442729

Ion Ratio Lower Upper

99 100

42 20.9 19.8 29.6

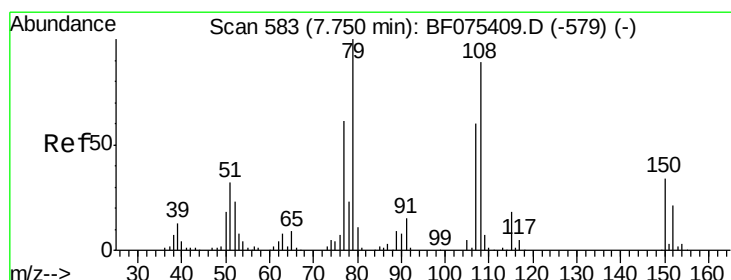
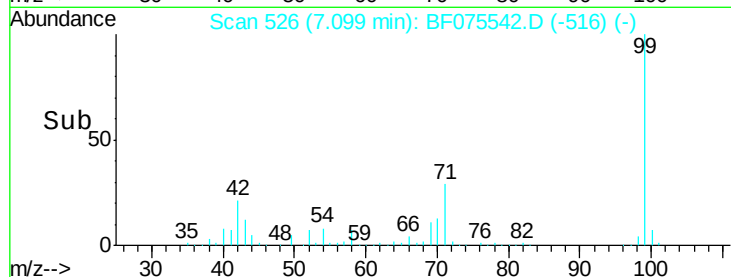
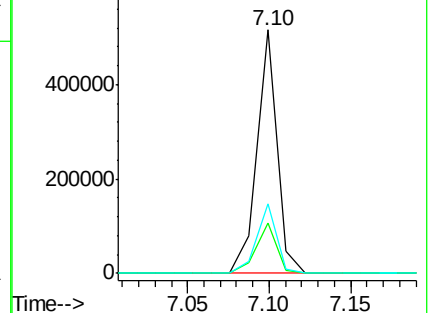
71 28.6 25.5 38.3



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



#15

Benzyl Alcohol

Concen: 3.74 ng

RT: 7.74 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF075542.D

Acq: 15 Nov 2014 15:21

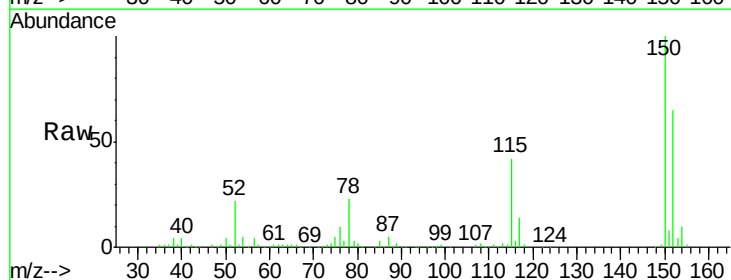
Tgt Ion: 79 Resp: 18389

Ion Ratio Lower Upper

79 100

108 60.2 75.5 113.3#

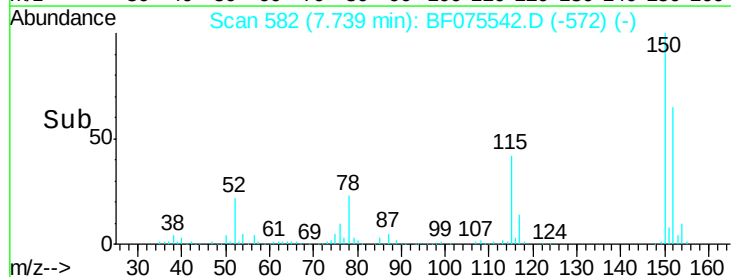
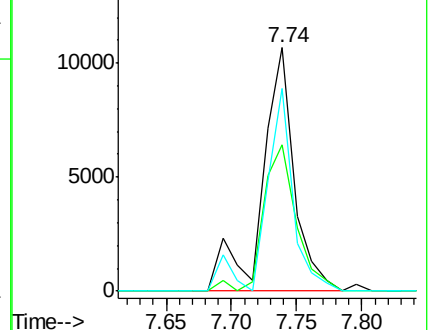
77 83.1 52.1 78.1#

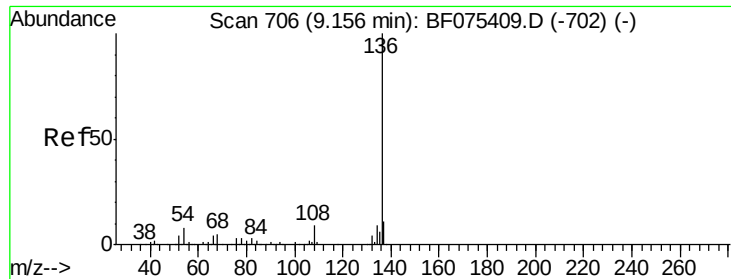


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

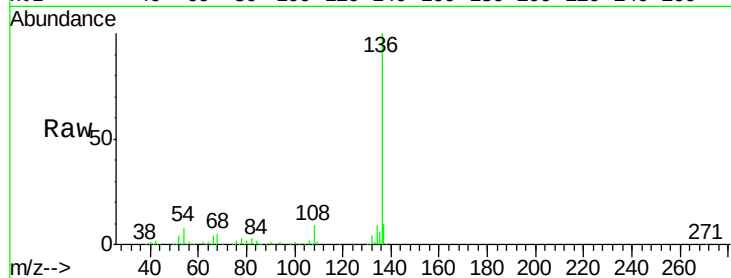




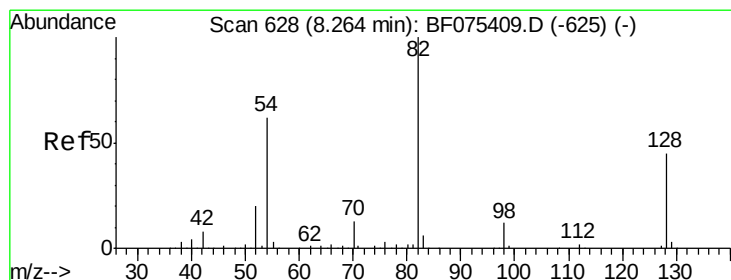
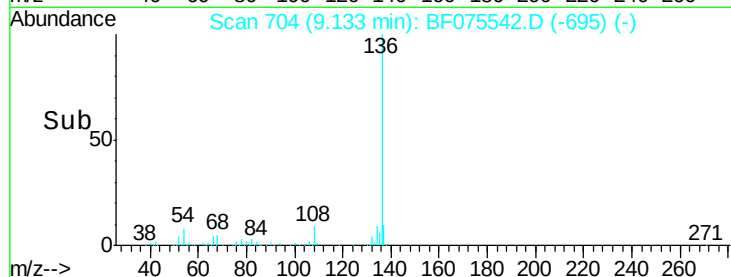
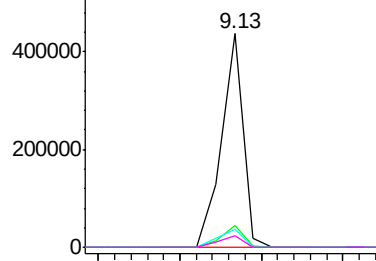
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

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

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

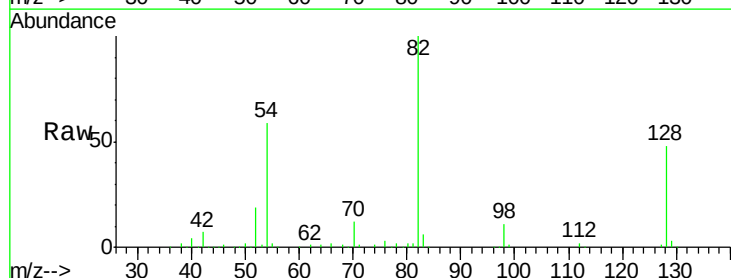


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

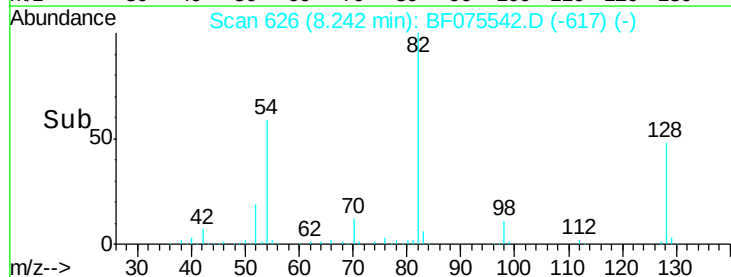
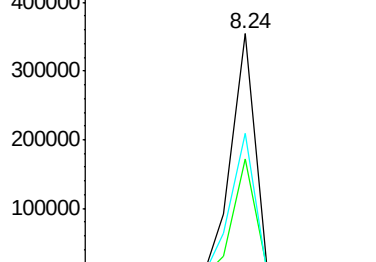


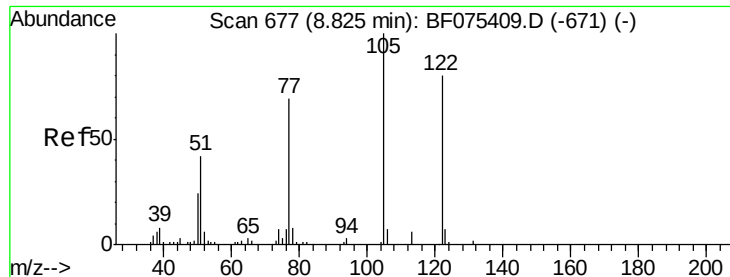
#23
Nitrobenzene-d5
Concen: 57.75 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Tgt 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): E
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

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-X140-27

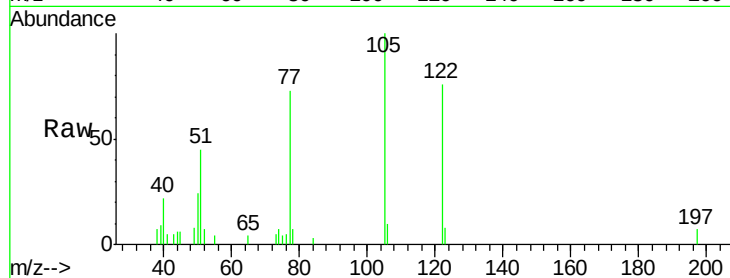
Tgt Ion:122 Resp: 9239

Ion Ratio Lower Upper

122 100

105 132.0 95.1 135.1

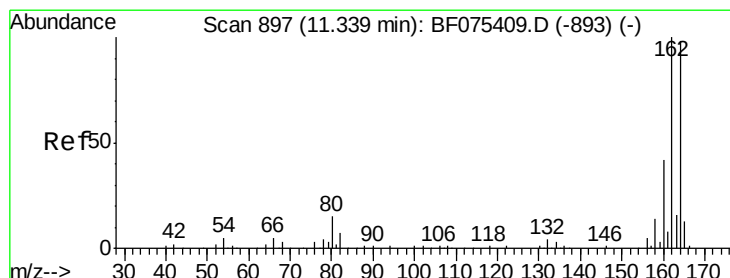
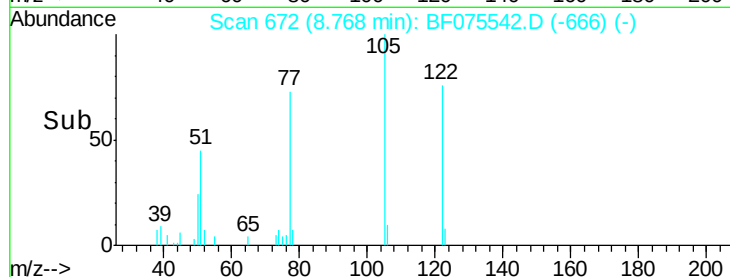
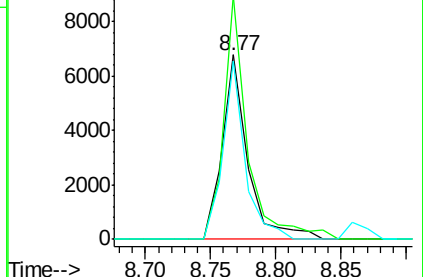
77 96.6 62.6 102.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

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

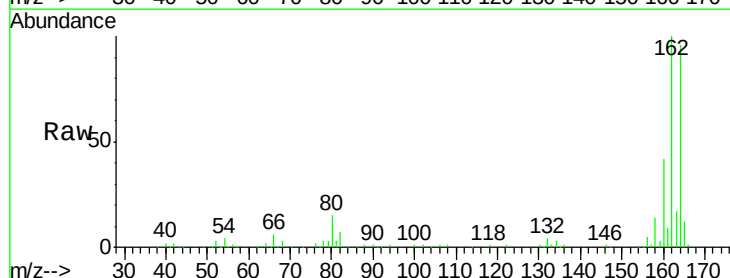
Tgt Ion:164 Resp: 193400

Ion Ratio Lower Upper

164 100

162 104.0 79.1 118.7

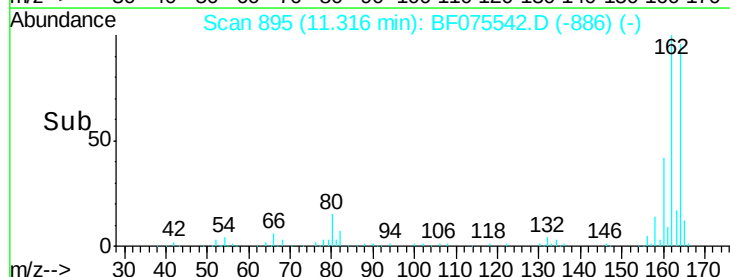
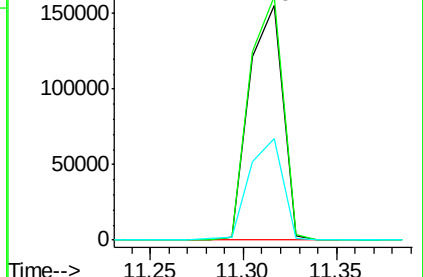
160 43.5 34.6 51.8

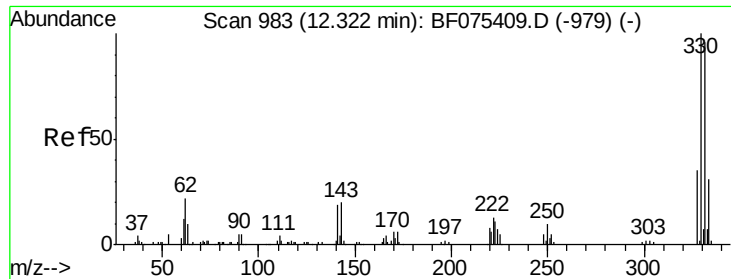


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

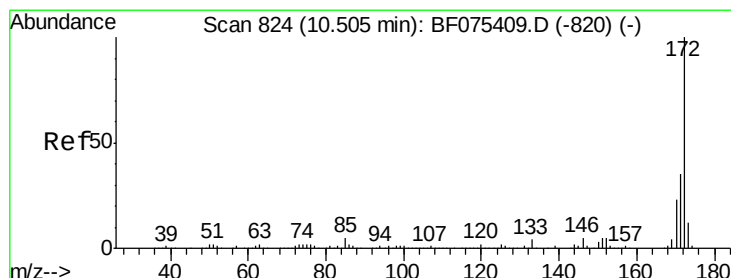
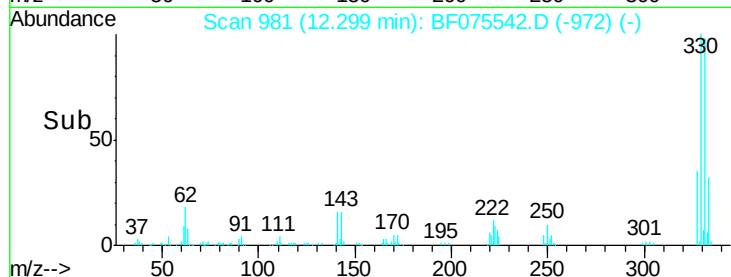
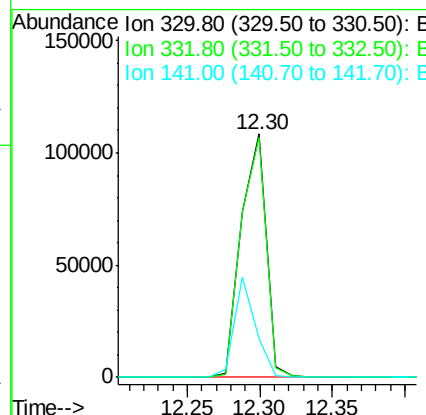
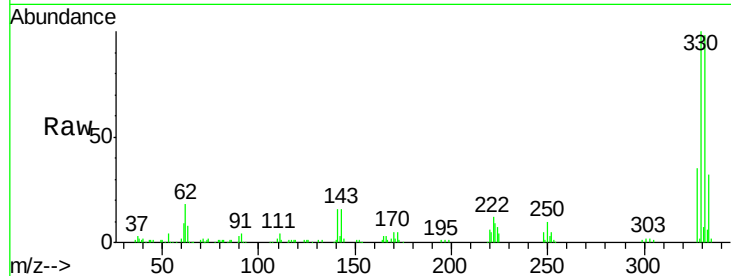




#41
 2,4,6-Tribromophenol
 Concen: 80.63 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075542.D
 Acq: 15 Nov 2014 15:21

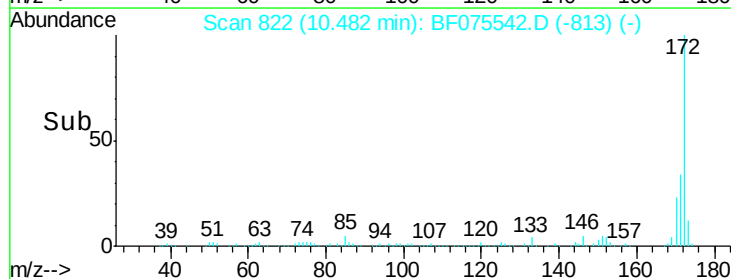
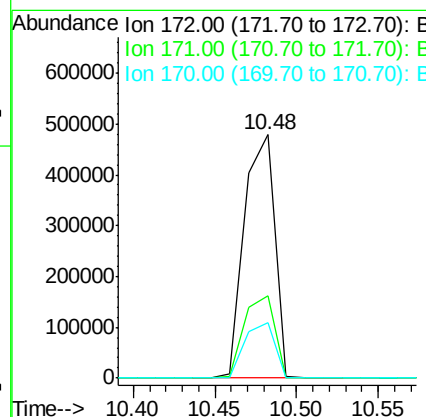
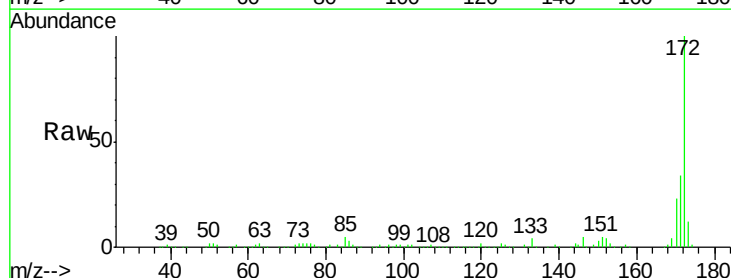
Instrument :
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 WC-SOIL-X140-27

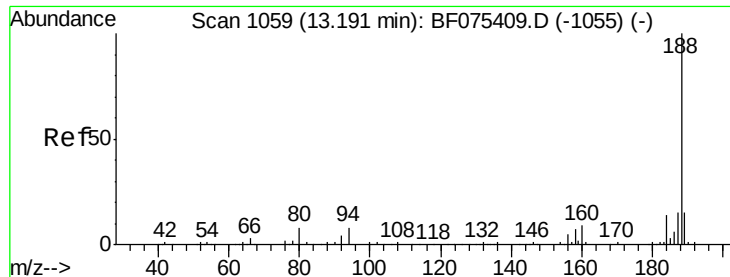
Tgt Ion:330 Resp: 130610
 Ion Ratio Lower Upper
 330 100
 332 98.7 74.5 111.7
 141 34.9 30.7 46.1



#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

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

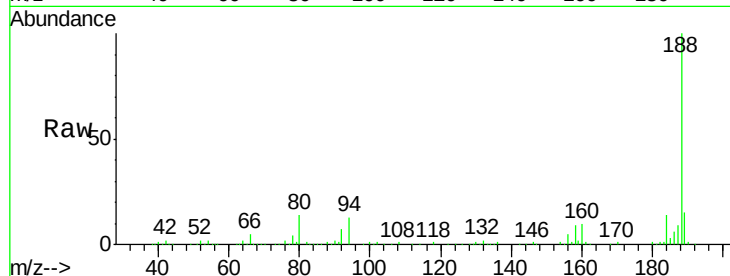




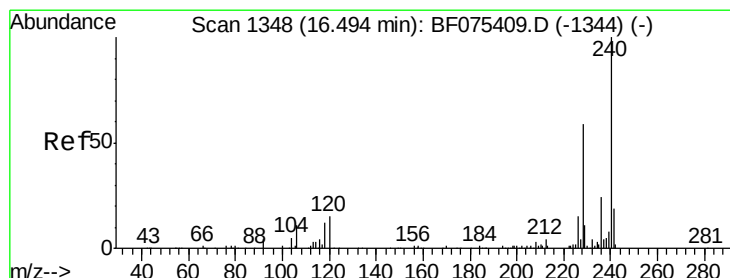
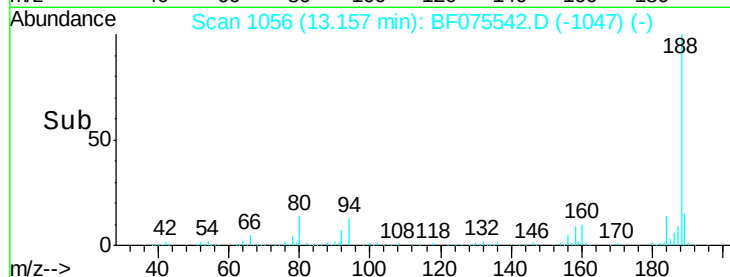
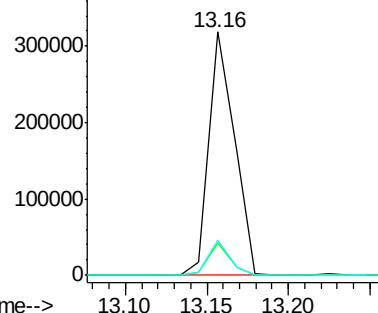
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

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

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#

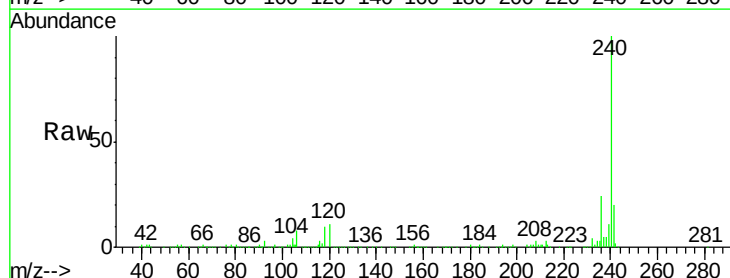


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

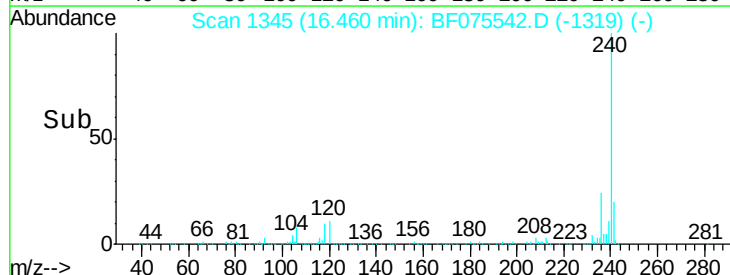
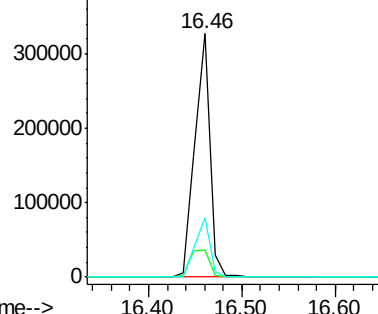


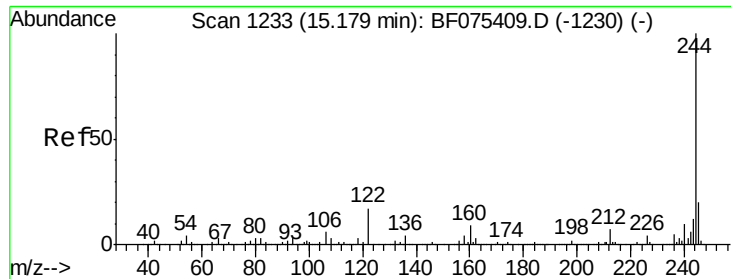
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF075542.D
Acq: 15 Nov 2014 15:21

Tgt 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

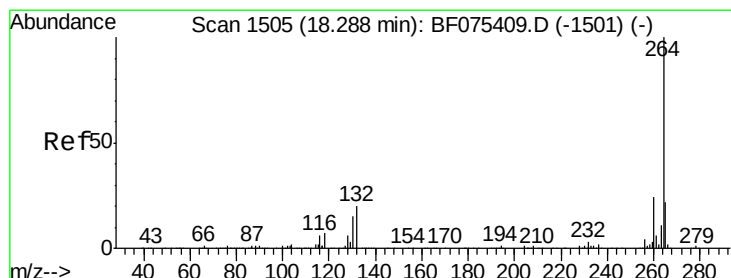
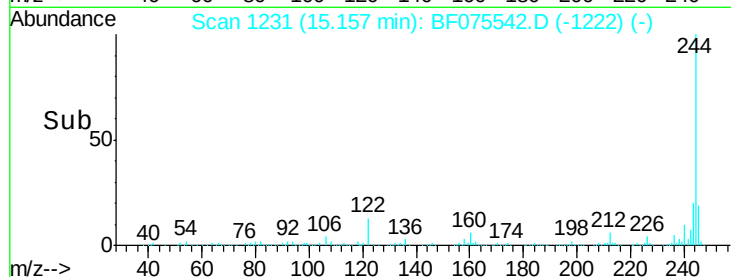
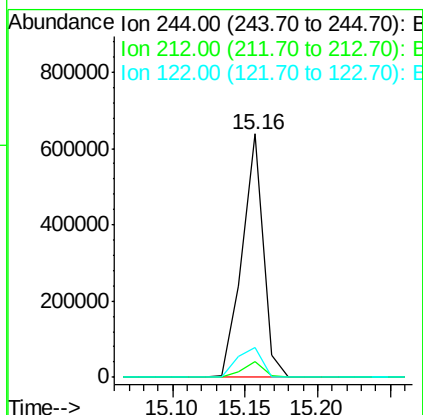
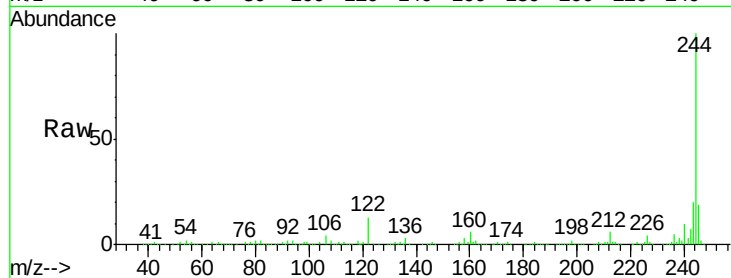




#78
 Terphenyl-d14
 Concen: 47.64 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075542.D
 Acq: 15 Nov 2014 15:21

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

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



#86
 Perylene-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

Tgt Ion:264 Resp: 320607
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.9 26.9
 265 22.0 16.3 24.5

