

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075569.D
 Acq On : 16 Nov 2014 4:28
 Operator : TP / JJ
 Sample : F4758-01RE
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOIL-SELR1-28RE

Manual Integrations
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 11/17/2014 7:39:07 PM

Quant Time: Nov 17 04:05:01 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 00:31:54 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	85846	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	361882	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	196608	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	342639	20.00	ng	0.01
75) Chrysene-d12	16.47	240	376571	20.00	ng	0.00
86) Perylene-d12	18.22	264	350597	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	293943	60.49	ng	0.02
7) Phenol-d6	7.11	99	354298	60.63	ng	0.01
23) Nitrobenzene-d5	8.24	82	197765	40.07	ng	0.00
41) 2,4,6-Tribromophenol	12.31	330	99244	60.27	ng	0.01
44) 2-Fluorobiphenyl	10.48	172	422896	38.87	ng	0.00
78) Terphenyl-d14	15.17	244	478464	34.21	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	8.84	122	71330m	23.37	ng	
49) Dimethylphthalate	10.98	163	48961	3.64	ng	99
83) Bis(2-ethylhexyl)phthalate	16.49	149	635716	32.83	ng	99

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

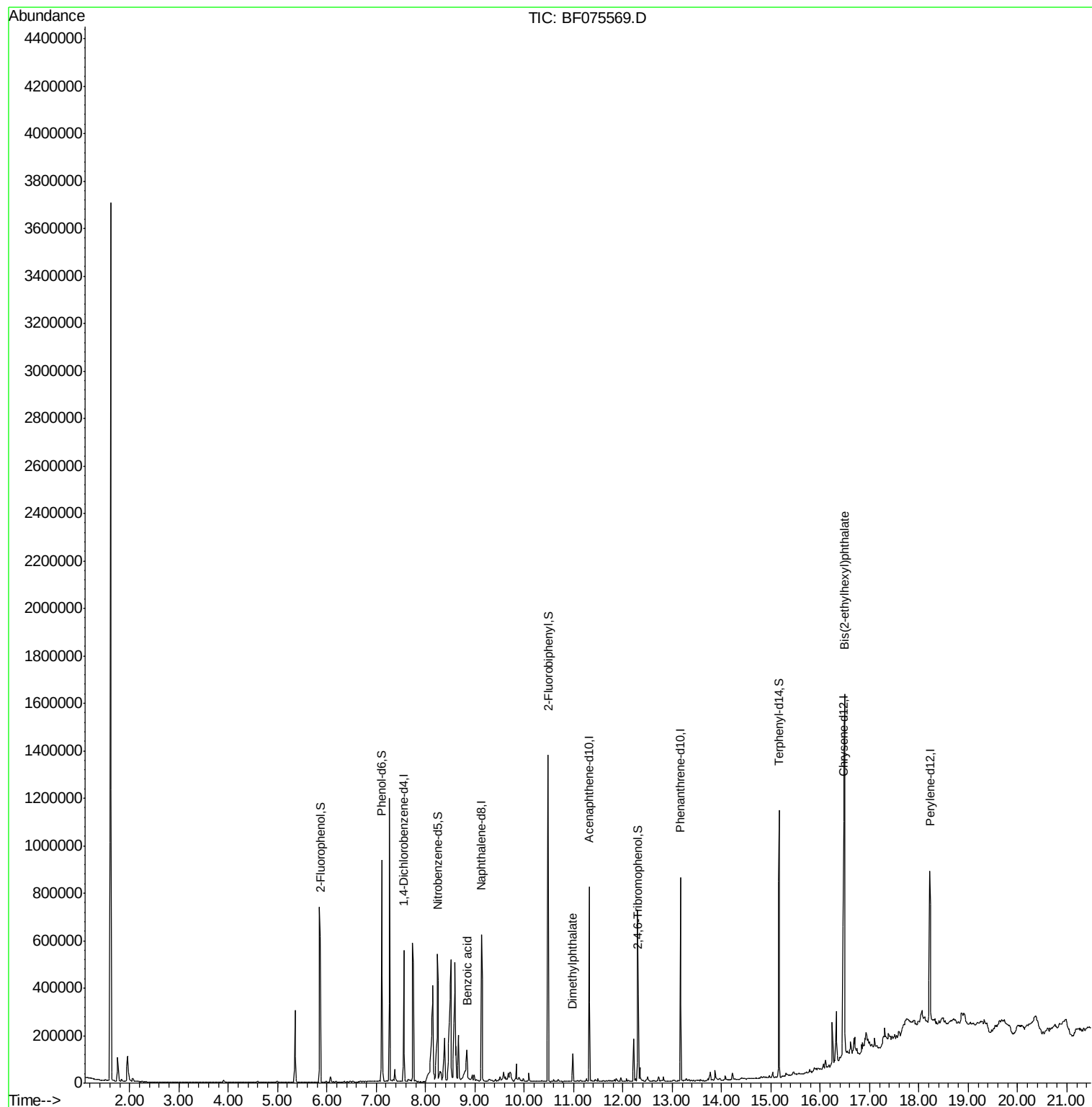
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075569.D
Acq On : 16 Nov 2014 4:28
Operator : TP / JJ
Sample : F4758-01RE
Misc :
ALS Vial : 67 Sample Multiplier: 1

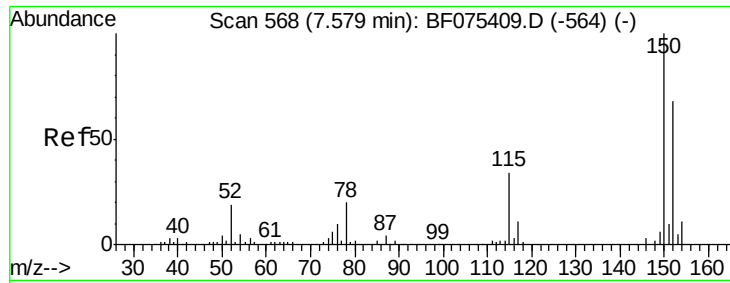
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-SELR1-28RE

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Quant Time: Nov 17 04:05:01 2014
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 00:31:54 2014
Response via : Initial Calibration

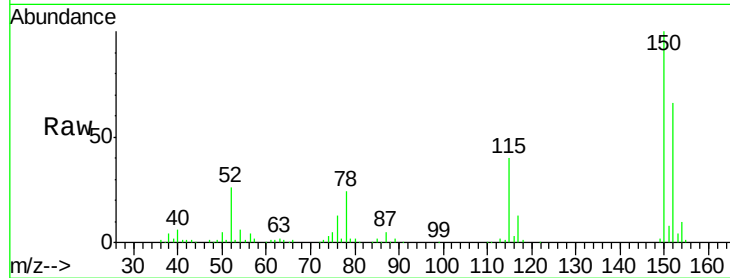




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

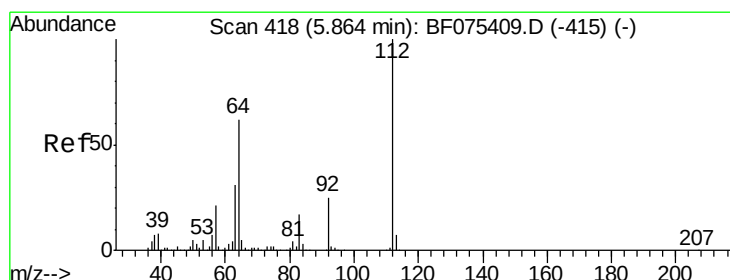
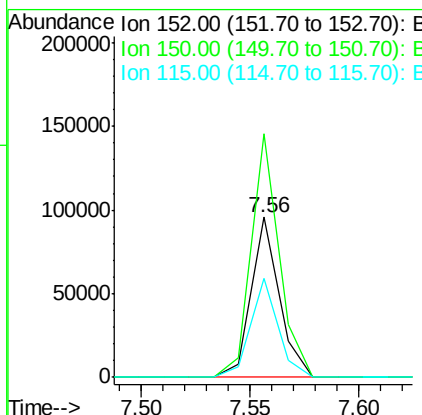
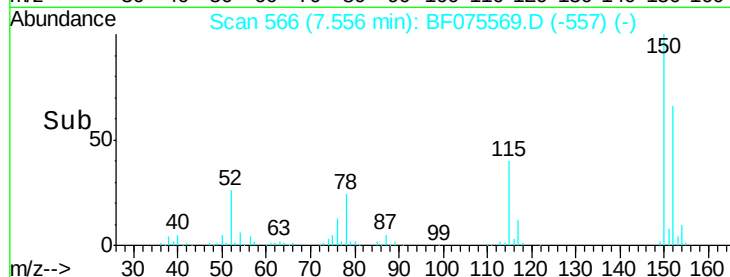
Instrument :
BNA_F
ClientSampleId :
WC-SOIL-SELR1-28RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.2	190.8
115	61.6	57.1	85.7

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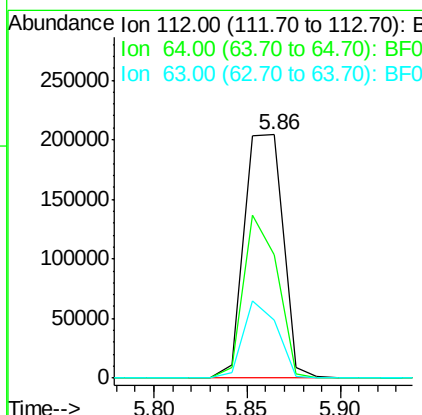
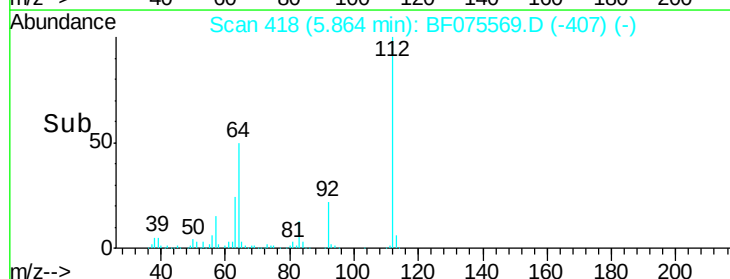
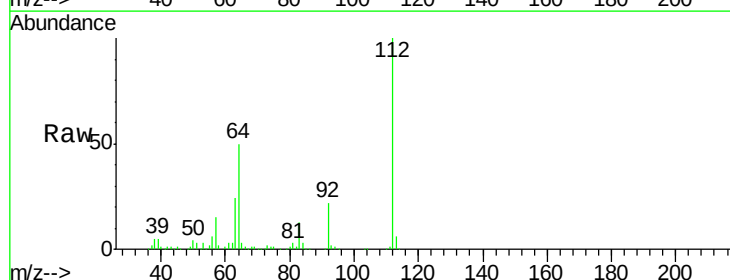
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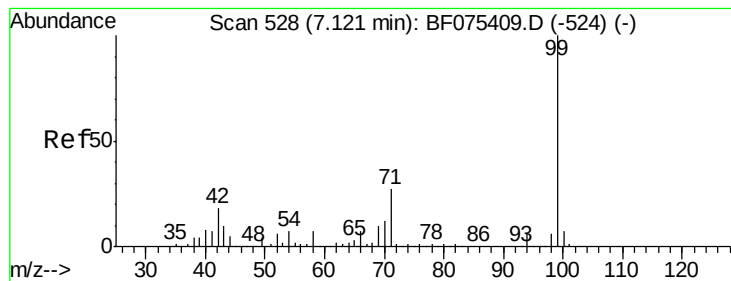


#5

2-Fluorophenol
Concen: 60.49 ng
RT: 5.86 min Scan# 418
Delta R.T. 0.02 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	45.8	68.6
63	24.0	22.7	34.1





#7

Phenol-d6

Concen: 60.63 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

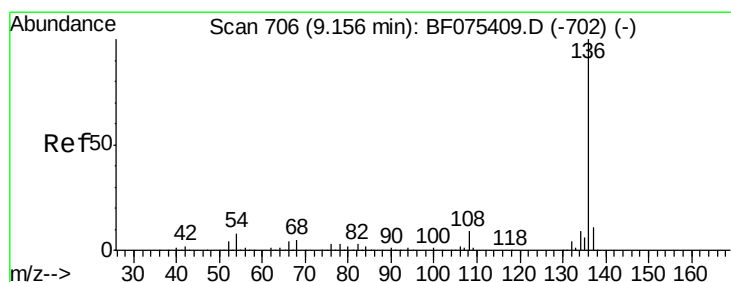
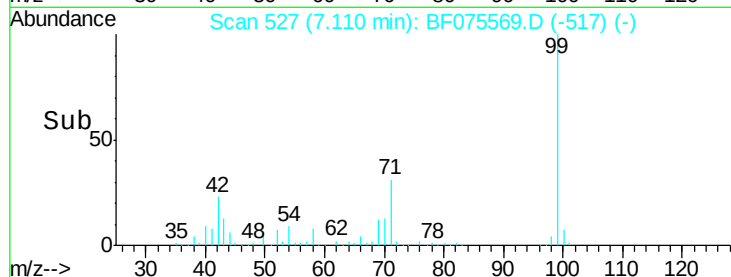
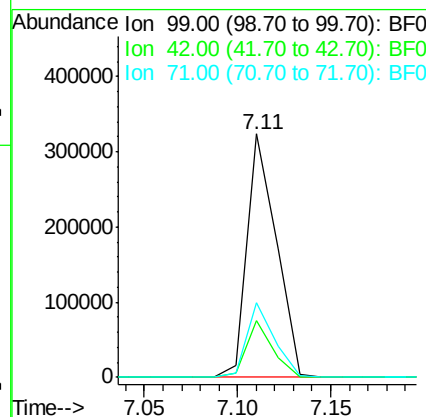
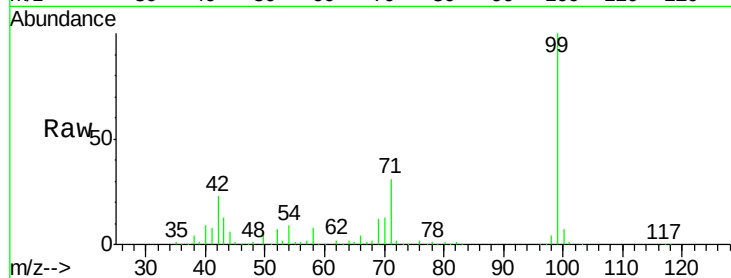
ClientSampleId :

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Tgt Ion:	99	Resp:	354298
Ion Ratio	Lower	Upper	
99	100		
42	23.4	19.8	29.6
71	30.8	25.5	38.3

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#21

Naphthalene-d8

Concen: 20.00 ng

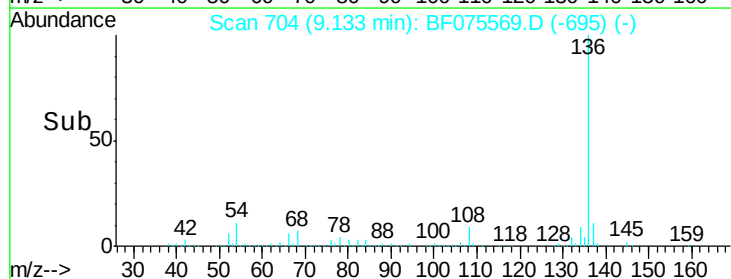
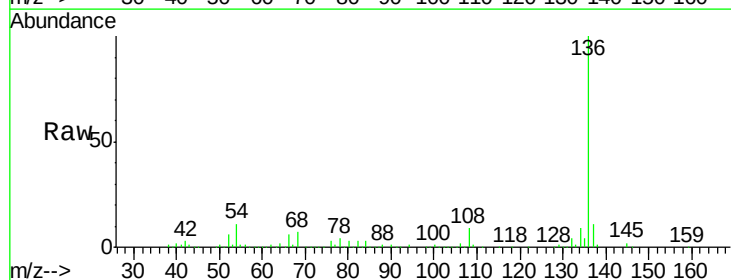
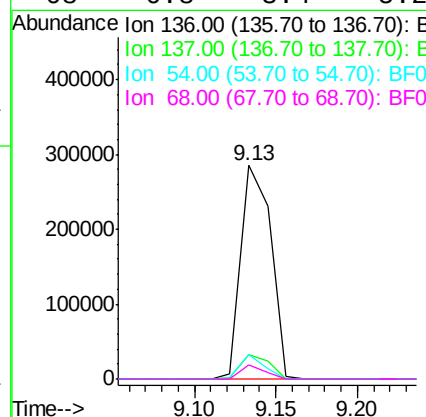
RT: 9.13 min Scan# 704

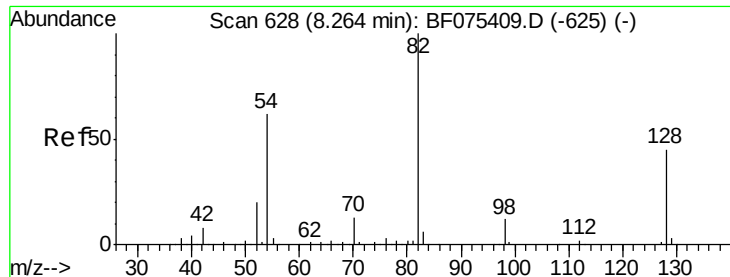
Delta R.T. -0.00 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Tgt Ion:	136	Resp:	361882
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.4
54	11.5	6.2	9.4#
68	6.8	3.4	5.2#





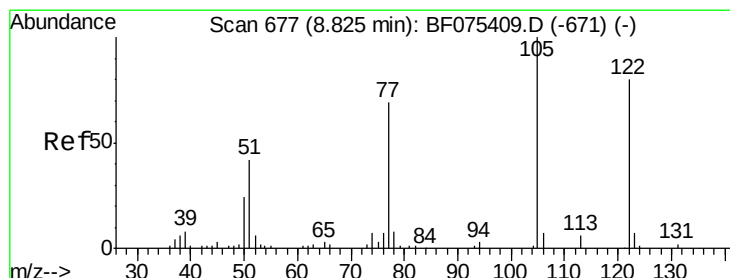
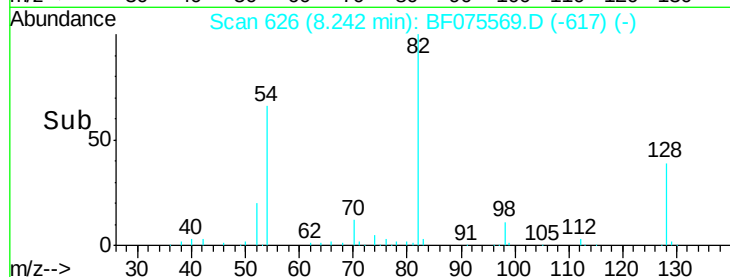
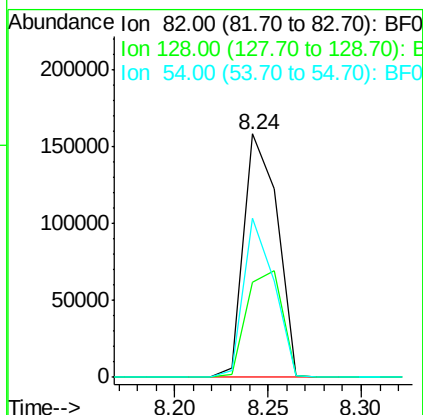
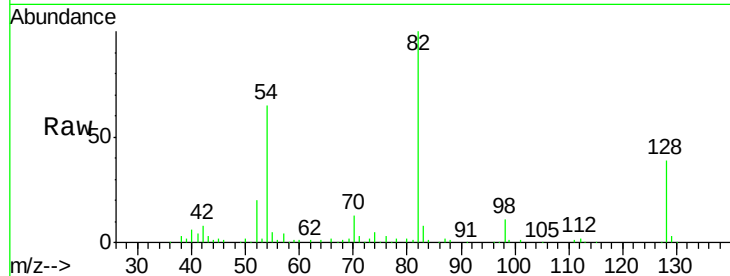
#23
 Nitrobenzene-d5
 Concen: 40.07 ng
 RT: 8.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	197765		
128	38.9	37.8	56.6	
54	65.3	49.8	74.8	

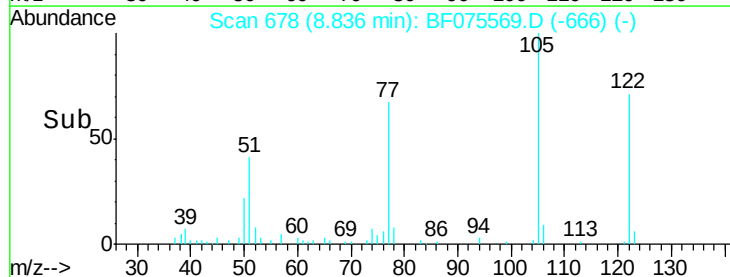
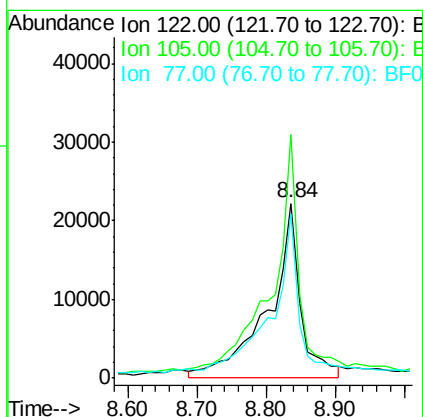
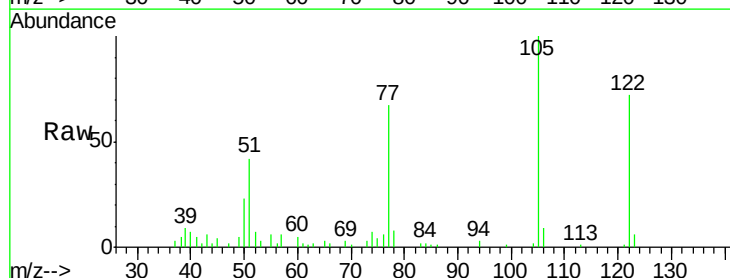
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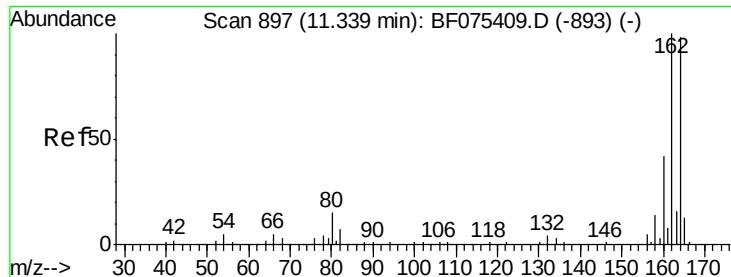
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#32
 Benzoic acid
 Concen: 23.37 ng m
 RT: 8.84 min Scan# 678
 Delta R.T. 0.03 min
 Lab File: BF075569.D
 Acq: 16 Nov 2014 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	71330		
105	139.3	95.1	135.1#	
77	93.9	62.6	102.6	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF075569.D

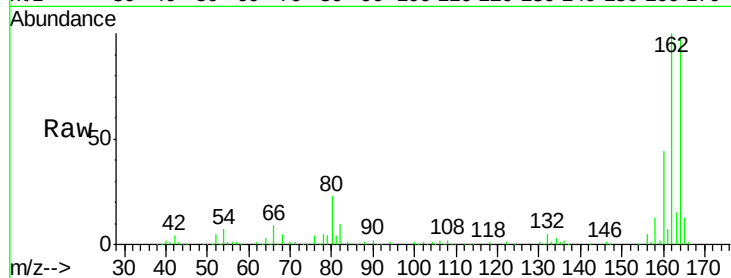
Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

WC-SOIL-SELR1-28RE



Tgt Ion:164 Resp: 196608

Ion Ratio Lower Upper

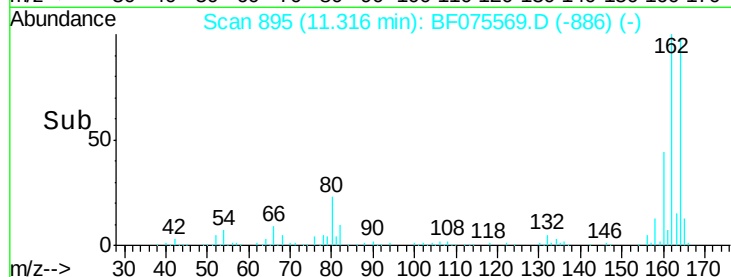
164 100

162 102.1 79.1 118.7

160 44.9 34.6 51.8

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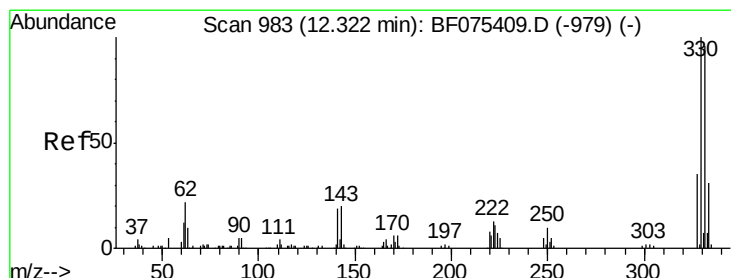
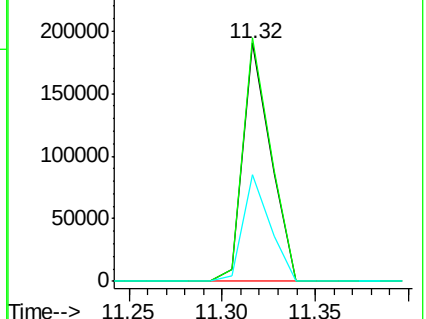
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 60.27 ng

RT: 12.31 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

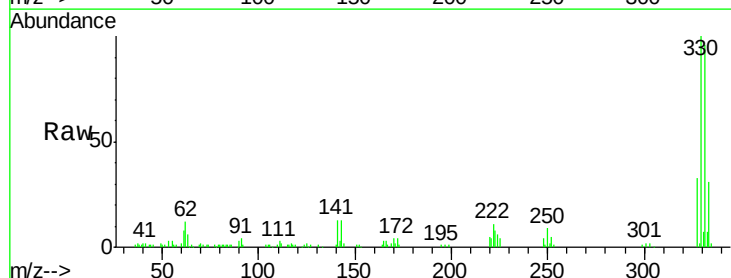
Tgt Ion:330 Resp: 99244

Ion Ratio Lower Upper

330 100

332 98.2 74.5 111.7

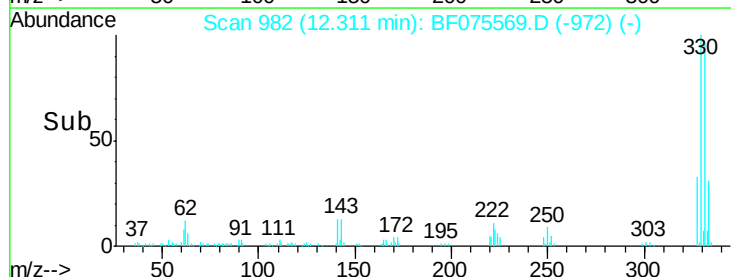
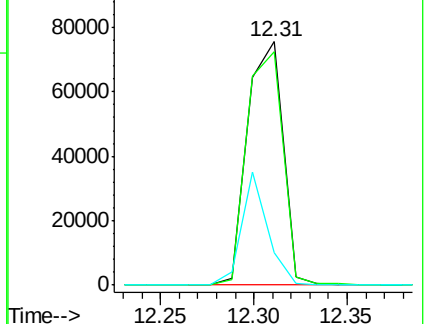
141 34.2 30.7 46.1

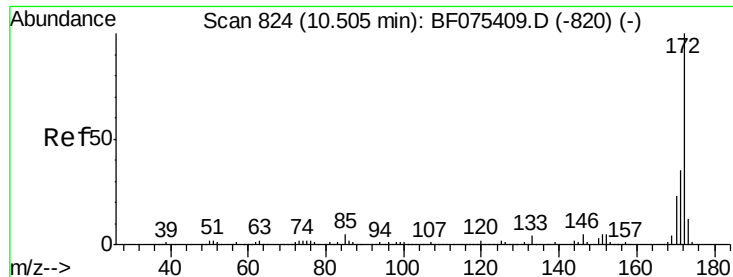


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

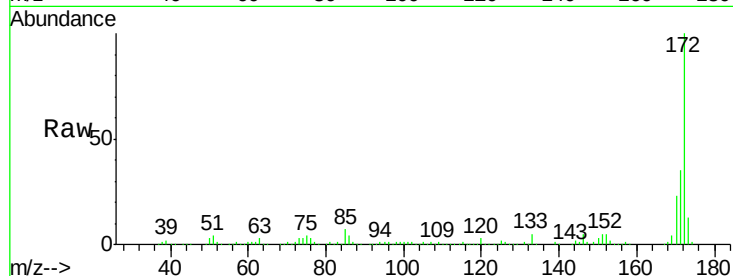
Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 38.87 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

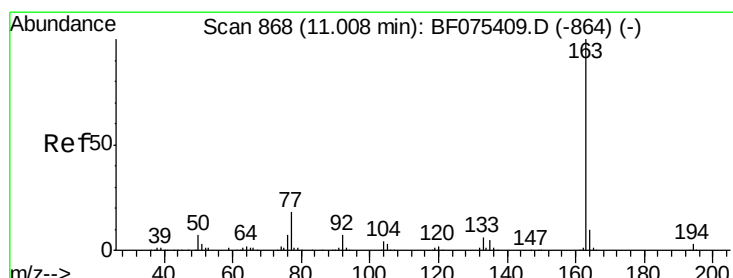
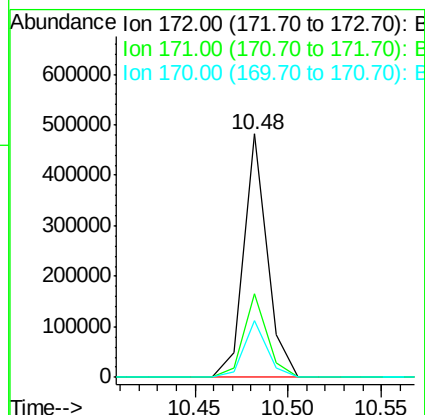
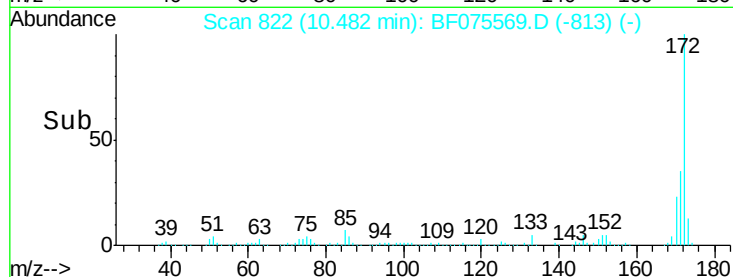
Instrument :
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ClientSampleId :
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Tgt Ion:172 Resp: 422896
Ion Ratio Lower Upper
172 100
171 34.6 27.3 40.9
170 23.3 18.4 27.6

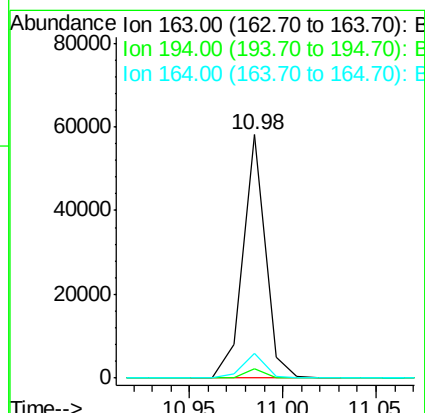
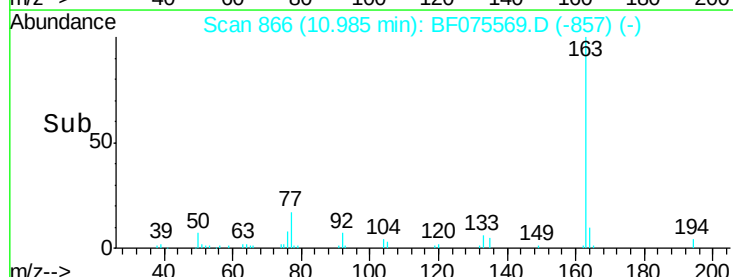
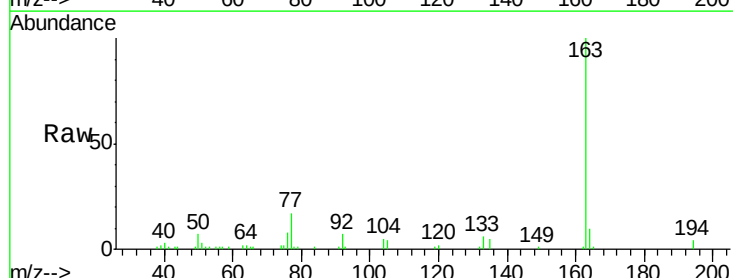
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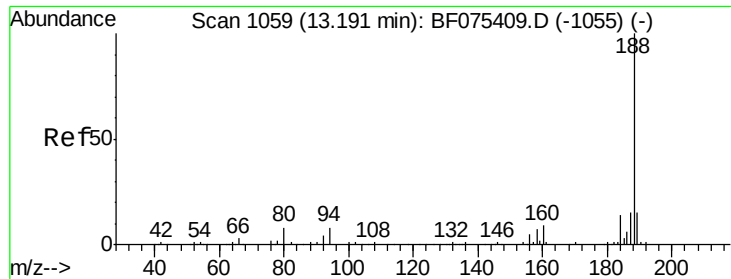
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#49
Dimethylphthalate
Concen: 3.64 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Tgt Ion:163 Resp: 48961
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.0 12.0





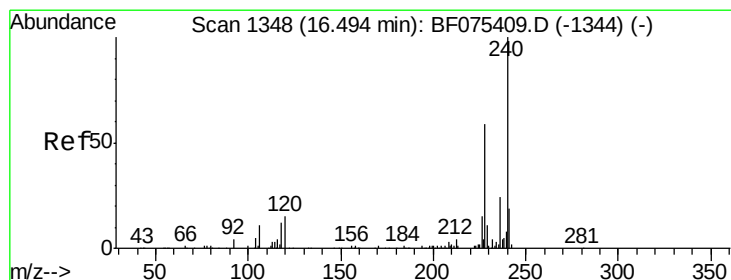
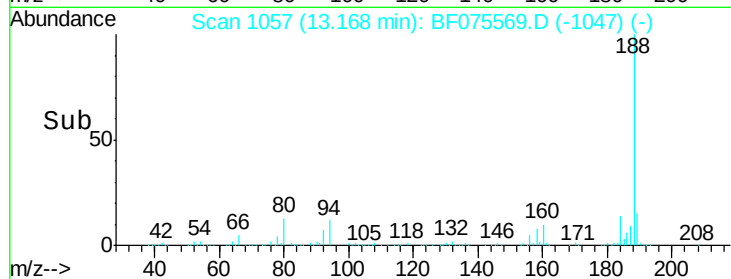
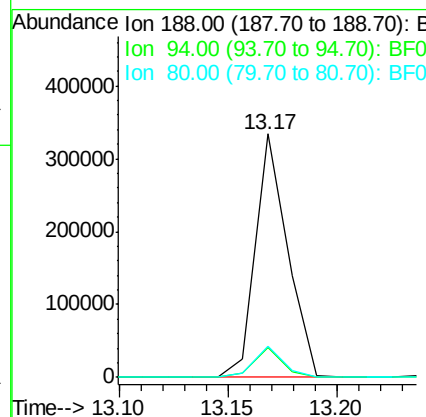
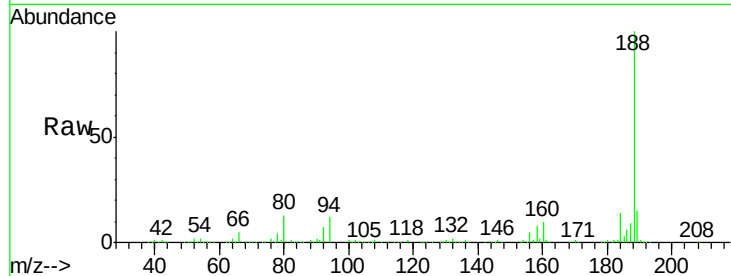
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-SELR1-28RE

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	342639		
94	12.4	7.8	11.6#	
80	12.7	8.0	12.0#	

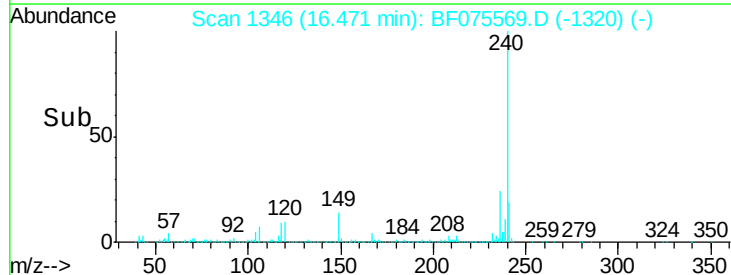
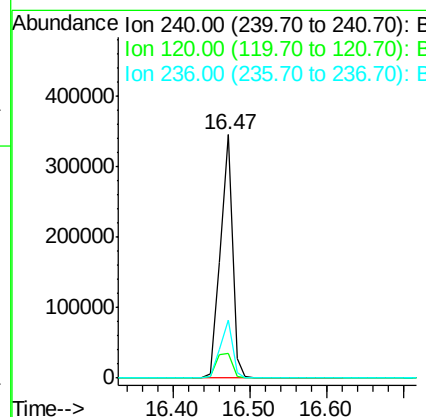
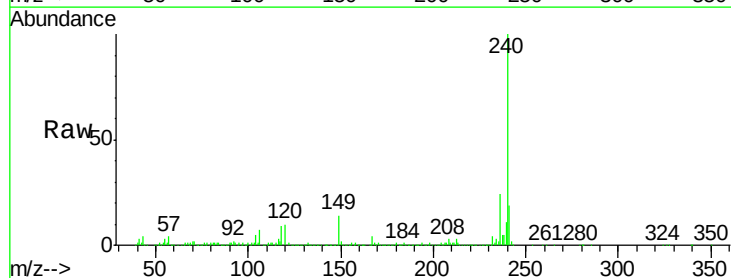
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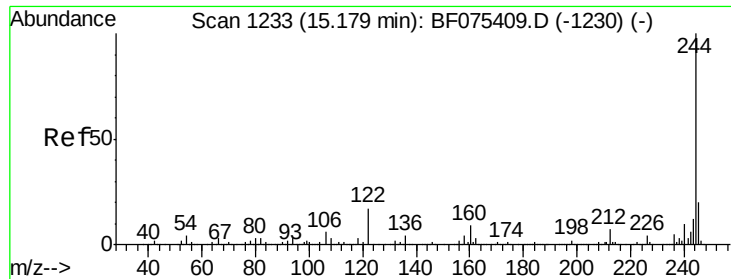
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.47 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	376571		
120	10.2	9.6	14.4	
236	23.6	18.9	28.3	





#78

Terphenyl-d14

Concen: 34.21 ng

RT: 15.17 min Scan# 1232

Delta R.T. 0.01 min

Lab File: BF075569.D

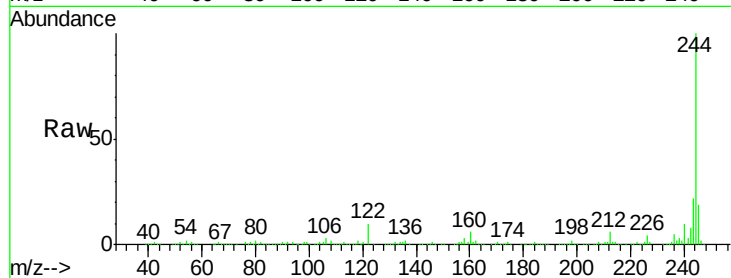
Acq: 16 Nov 2014 4:28

Instrument :

BNA_F

ClientSampleId :

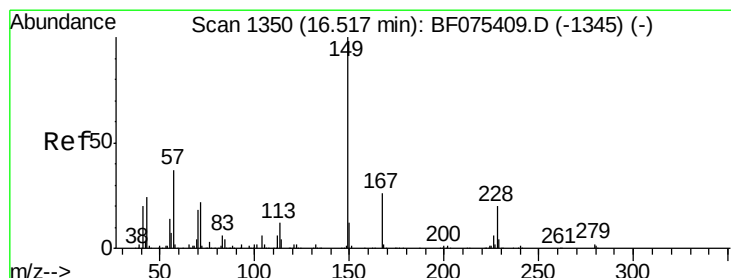
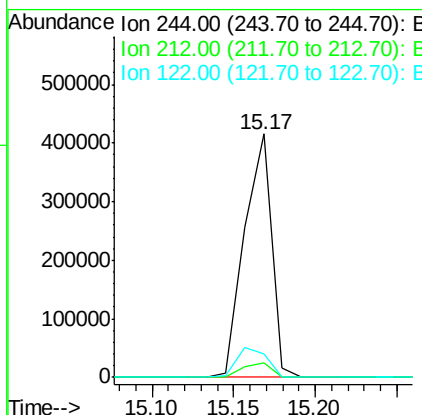
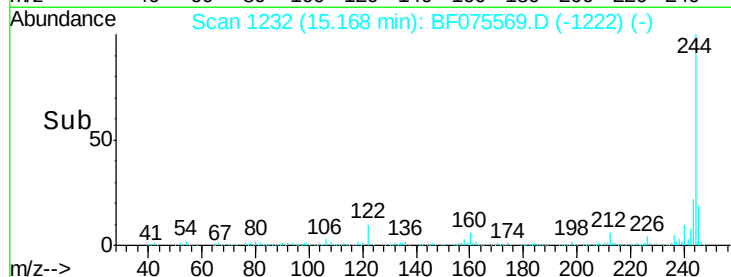
WC-SOIL-SELR1-28RE



Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.5	8.3
122	9.9	9.7	14.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 32.83 ng

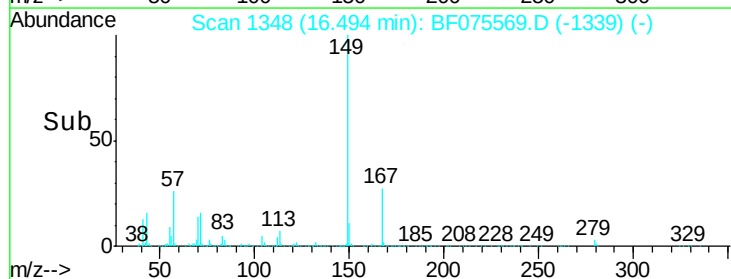
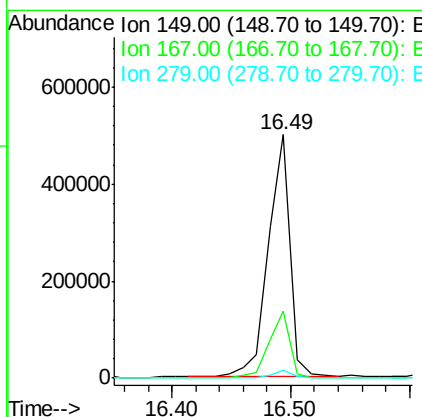
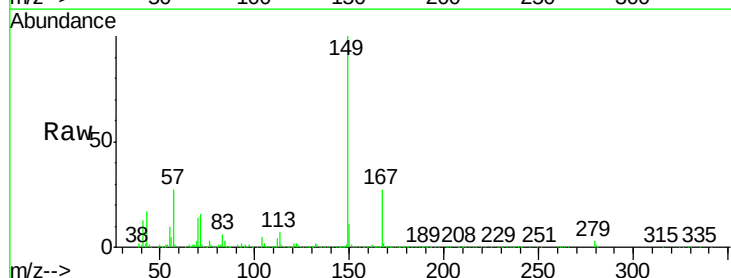
RT: 16.49 min Scan# 1348

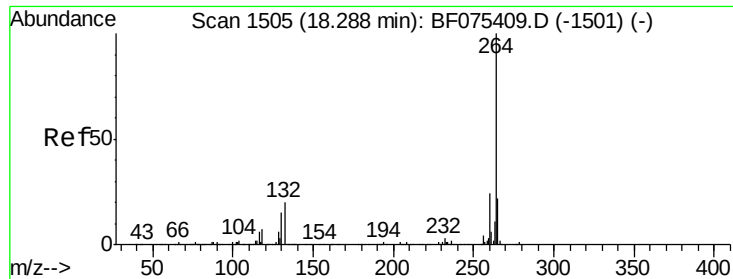
Delta R.T. 0.00 min

Lab File: BF075569.D

Acq: 16 Nov 2014 4:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.2
279	3.4	2.8	4.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.03 min
Lab File: BF075569.D
Acq: 16 Nov 2014 4:28

Instrument :
BNA_F
ClientSampleId :
WC-SOIL-SELR1-28RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.9	26.9
265	21.6	16.3	24.5

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