

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080074.D
 Acq On : 20 Jun 2015 1:40
 Operator : TP/IZ
 Sample : G2653-03
 Misc : LOD-SVOC-SOIL-5PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
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Quant Time: Jun 20 04:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	43524	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	177266	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	96510	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	204905	20.00	ng	-0.01
75) Chrysene-d12	14.79	240	222964	20.00	ng	-0.07
86) Perylene-d12	16.63	264	200289	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	284757	115.81	ng	0.00
7) Phenol-d6	6.93	99	341193	104.28	ng	-0.01
23) Nitrobenzene-d5	7.89	82	209127	68.68	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	101312	107.35	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	429718	63.50	ng	-0.01
78) Terphenyl-d14	13.56	244	628980	65.88	ng	-0.03
Target Compounds						
3) Pyridine	4.16	79	6340	2.04	ng	# 68
25) Isophorone	8.14	82	19308	3.15	ng	# 85
32) Benzoic acid	8.28	122	787m	0.47	ng	
53) 2,4-Dinitrophenol	10.44	184	340	6.36	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.97	198	1040	4.75	ng	86

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

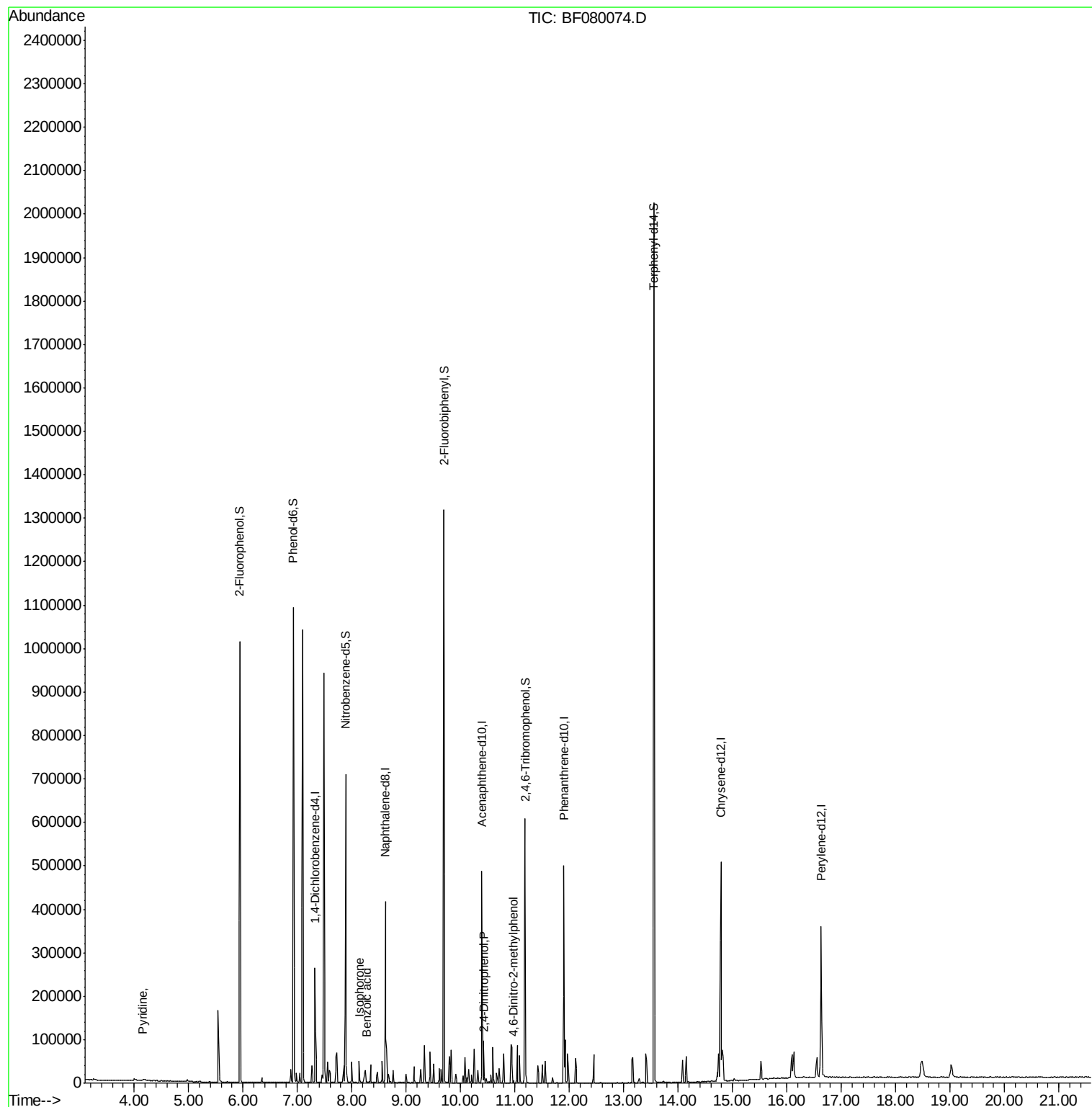
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080074.D
Acq On : 20 Jun 2015 1:40
Operator : TP/IZ
Sample : G2653-03
Misc : LOD-SVOC-SOIL-5PPM
ALS Vial : 21 Sample Multiplier: 1

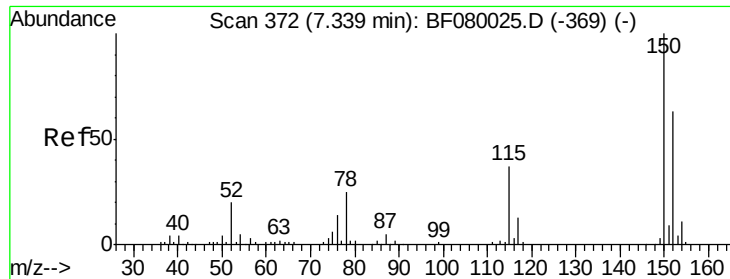
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

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Quant Time: Jun 20 04:14:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 16:41:53 2015
Response via : Initial Calibration

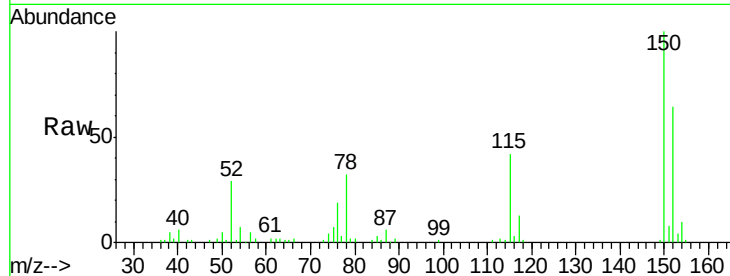




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080074.D
Acq: 20 Jun 2015 1:40

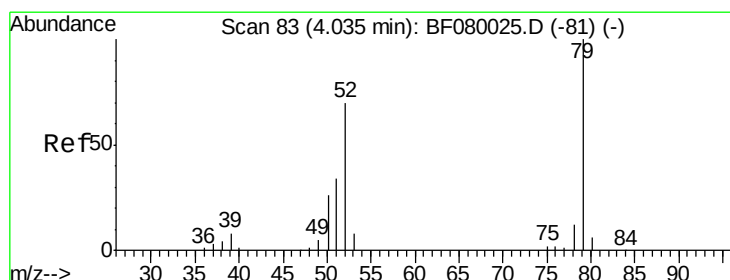
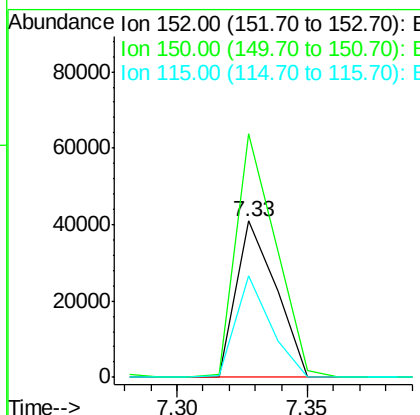
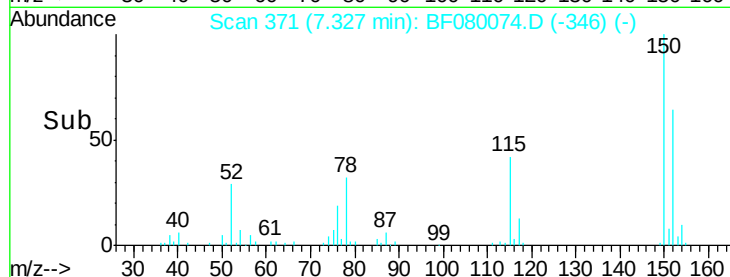
Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	65.0	39.0	58.4

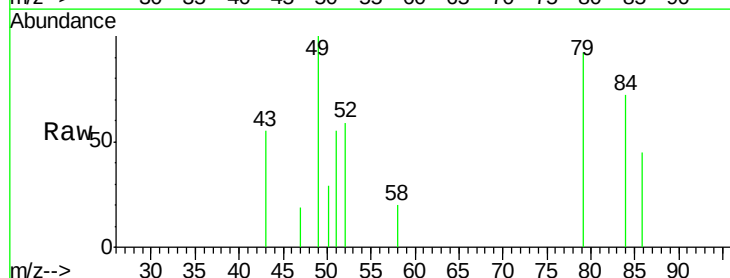
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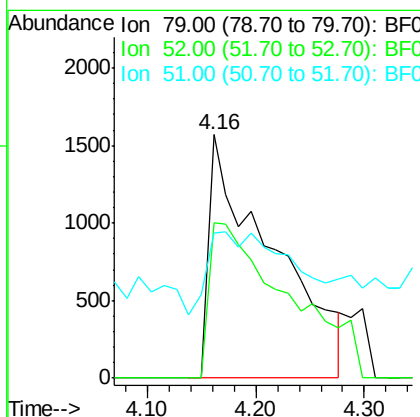
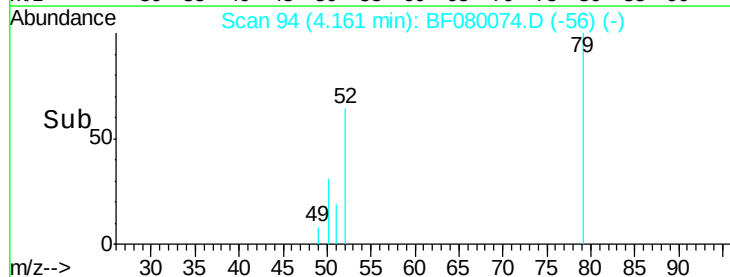


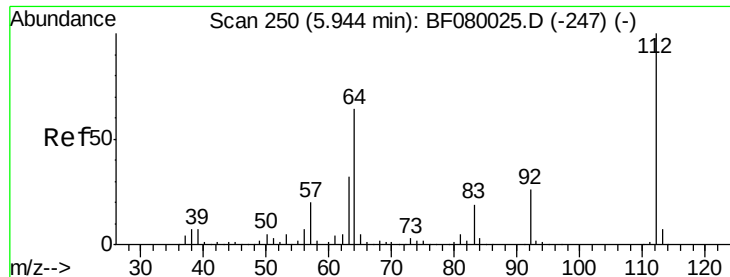
#3

Pyridine
Concen: 2.04 ng
RT: 4.16 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF080074.D
Acq: 20 Jun 2015 1:40



Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.0	76.8	115.2
51	59.4	32.2	48.4





#5

2-Fluorophenol

Concen: 115.81 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 112 Resp: 284757
Ion Ratio Lower Upper

112 100

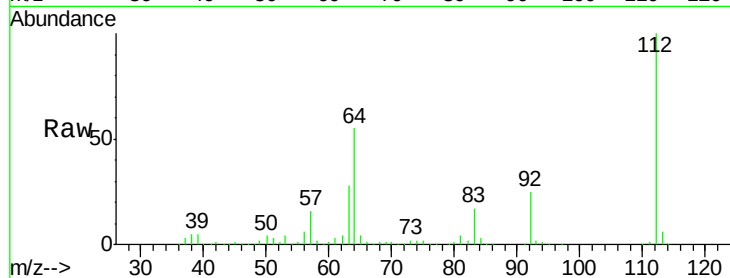
64 55.3 39.7 59.5

63 27.8 17.4 26.0#

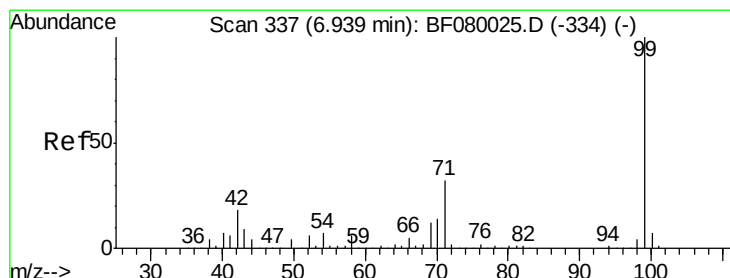
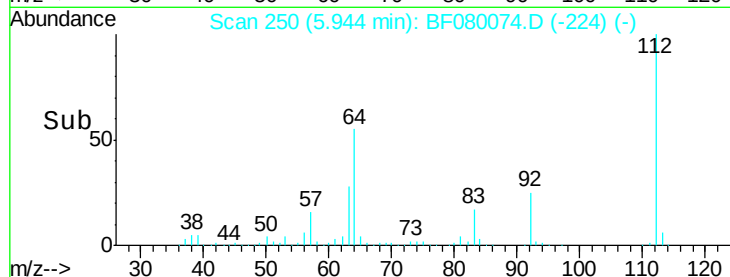
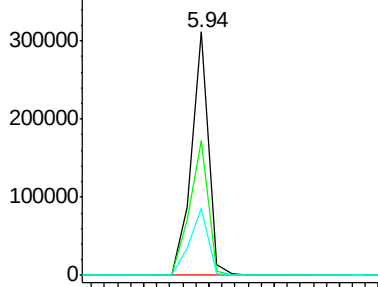
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Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 104.28 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080074.D

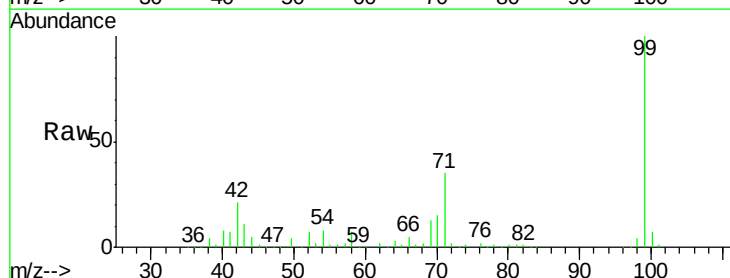
Acq: 20 Jun 2015 1:40

Tgt Ion: 99 Resp: 341193
Ion Ratio Lower Upper

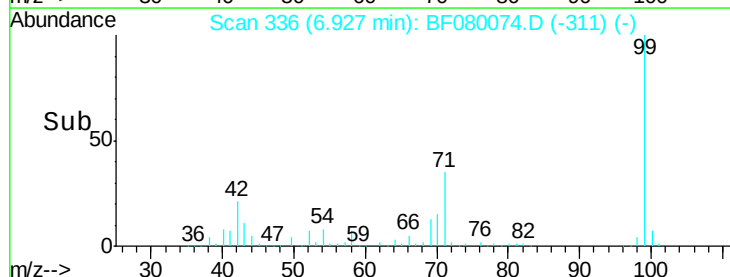
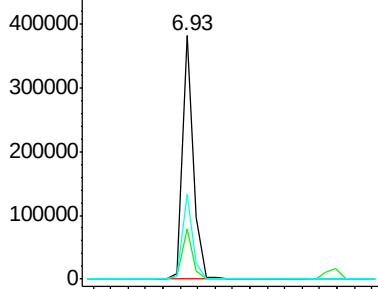
99 100

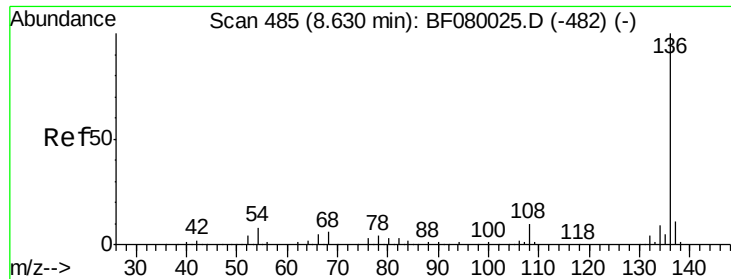
42 20.9 13.7 20.5#

71 34.7 14.2 21.2#



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





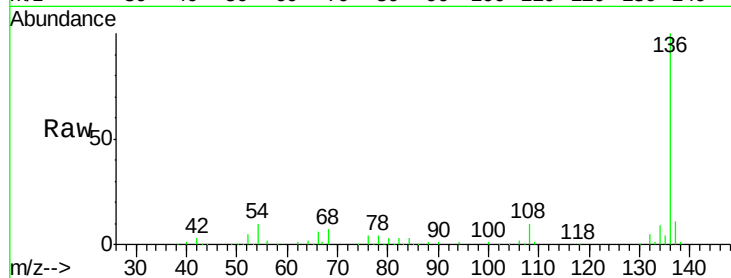
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080074.D
Acq: 20 Jun 2015 1:40

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

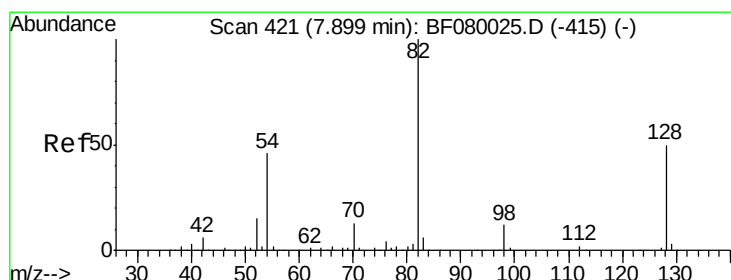
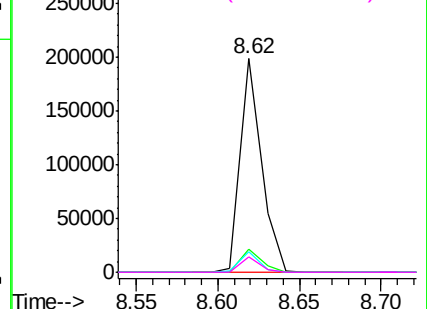
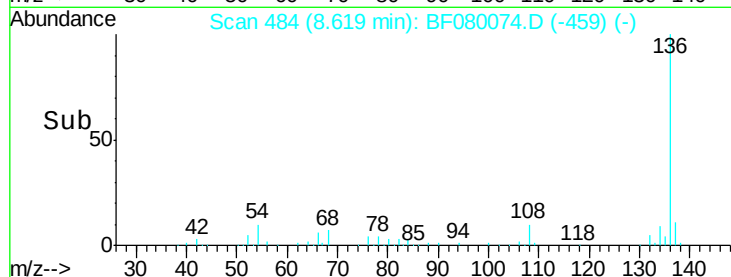
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	177266		
137	11.1	9.0	13.6	
54	9.6	8.2	12.2	
68	7.3	5.8	8.6	

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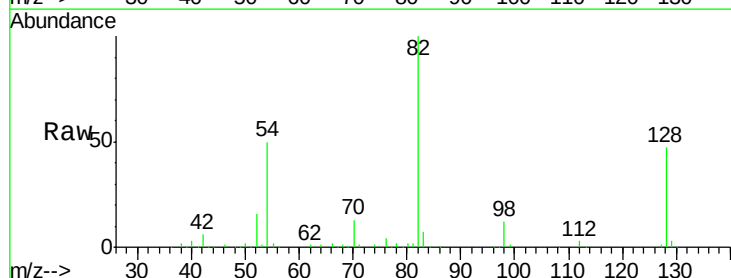


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

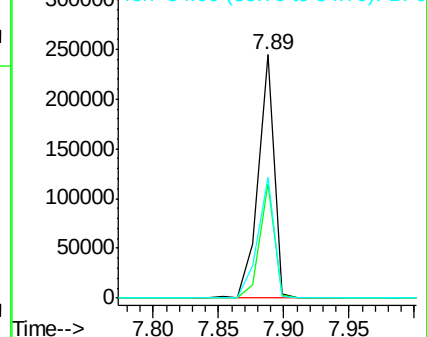
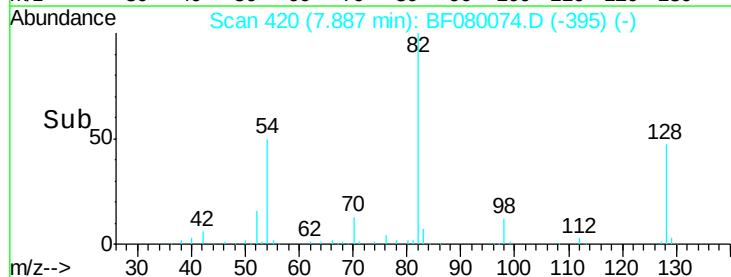


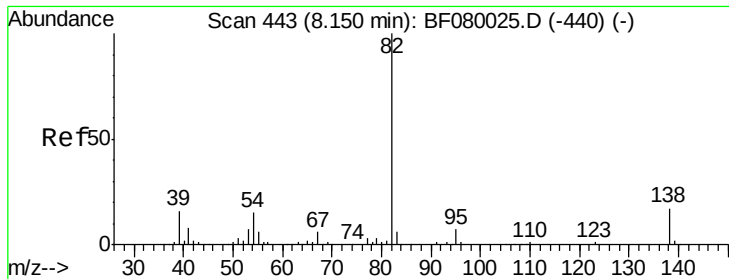
#23
Nitrobenzene-d5
Concen: 68.68 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080074.D
Acq: 20 Jun 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	209127		
128	46.8	51.0	76.6#	
54	49.7	47.5	71.3	



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





#25

Isophorone

Concen: 3.15 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

Instrument :

BNA_F

ClientSampleId :

LOD-SOIL2015-01

Tgt Ion: 82 Resp: 19308

Ion Ratio Lower Upper

82 100

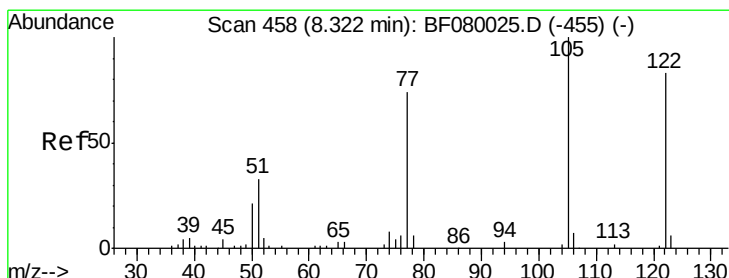
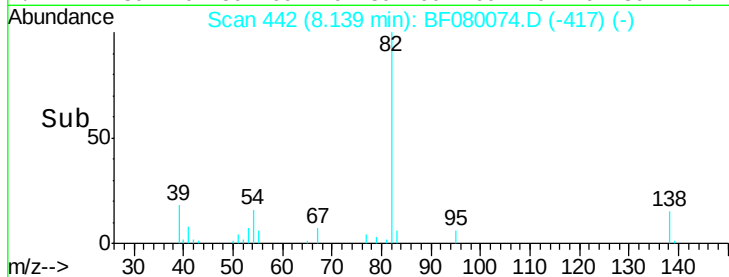
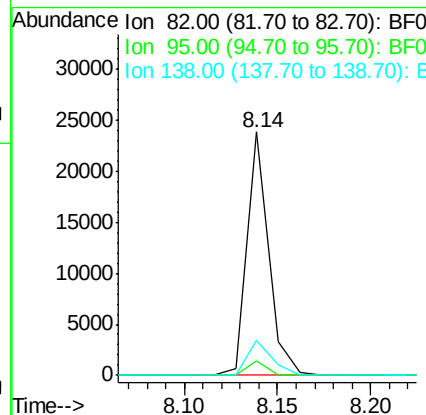
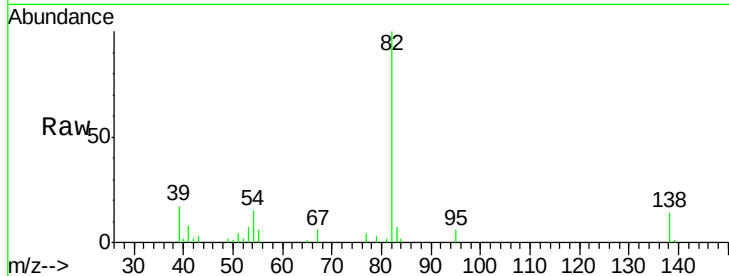
95 6.1 4.0 6.0#

138 14.2 18.3 27.5#

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#32

Benzoic acid

Concen: 0.47 ng m

RT: 8.28 min Scan# 454

Delta R.T. -0.06 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

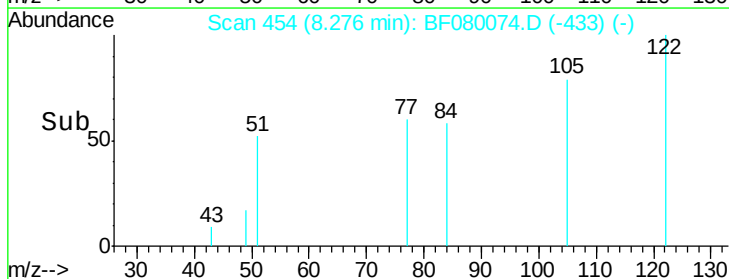
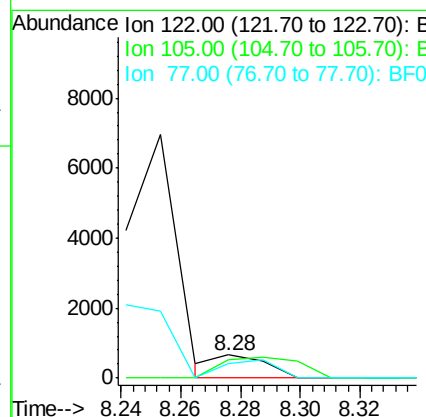
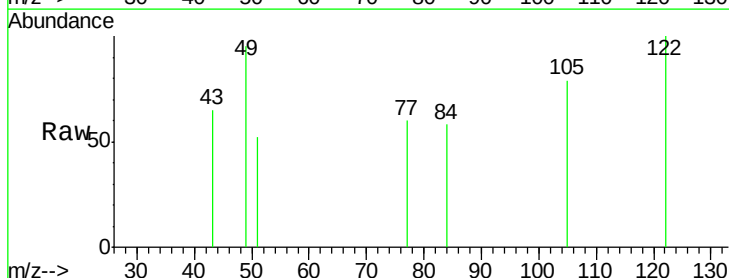
Tgt Ion: 122 Resp: 787

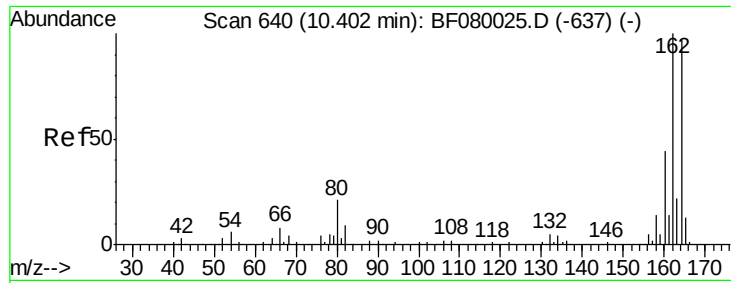
Ion Ratio Lower Upper

122 100

105 78.6 76.1 116.1

77 60.0 40.5 80.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080074.D

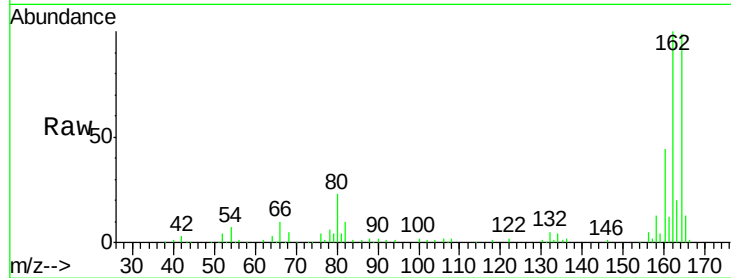
Acq: 20 Jun 2015 1:40

Instrument :

BNA_F

ClientSampleId :

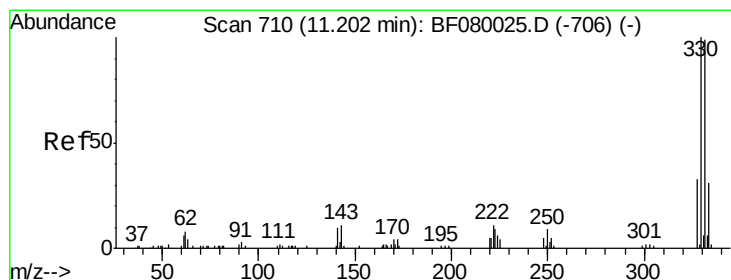
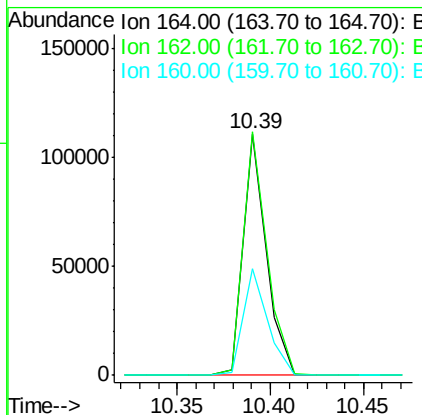
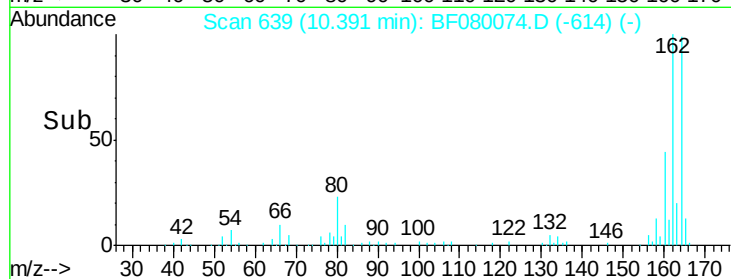
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	96510	75.2	112.8
160	44.3		31.5	47.3

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#41

2,4,6-Tribromophenol

Concen: 107.35 ng

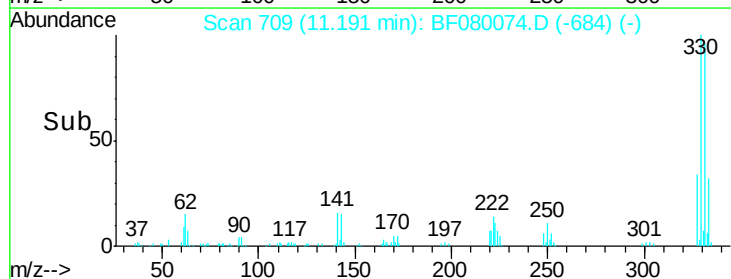
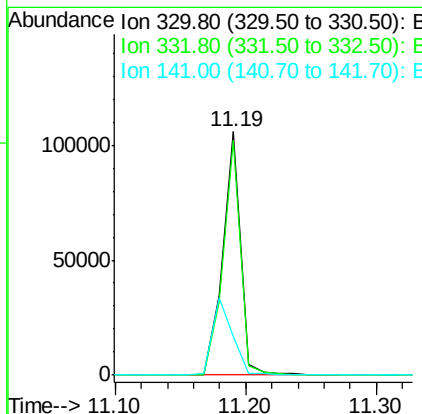
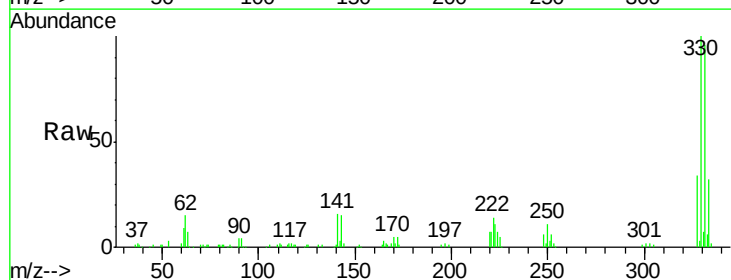
RT: 11.19 min Scan# 709

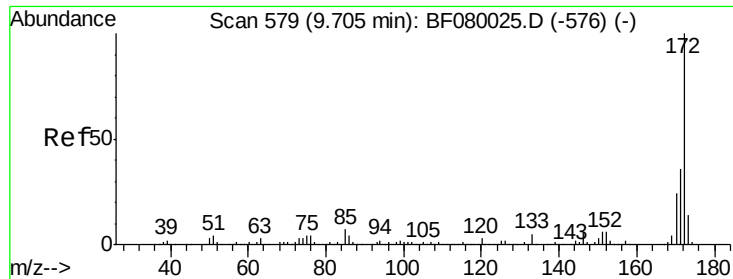
Delta R.T. -0.01 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	101312		
332	95.0		76.6	114.8
141	35.5		29.7	44.5





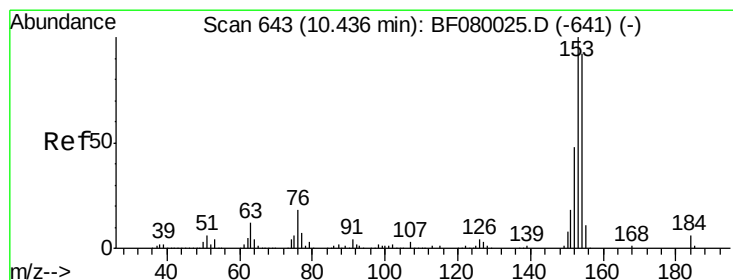
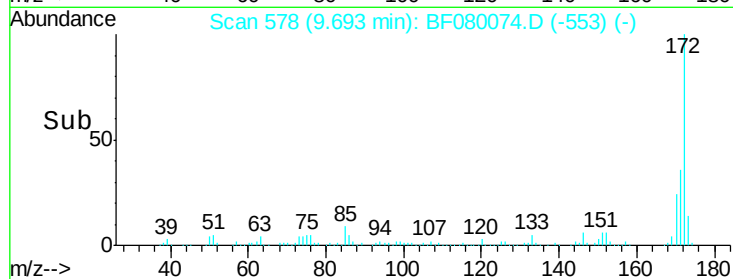
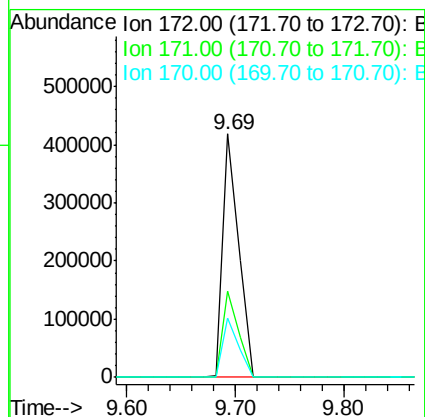
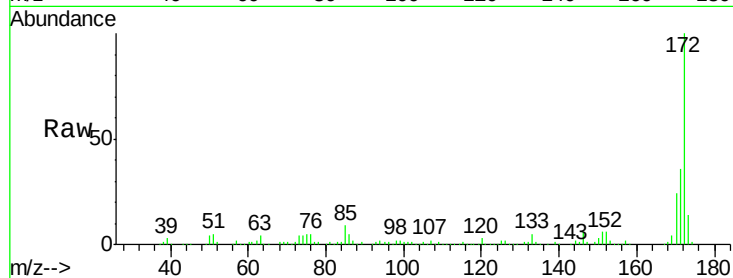
#44
 2-Fluorobiphenyl
 Concen: 63.50 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080074.D
 Acq: 20 Jun 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	429718		
171	35.5	26.1	39.1	
170	24.2	17.4	26.2	

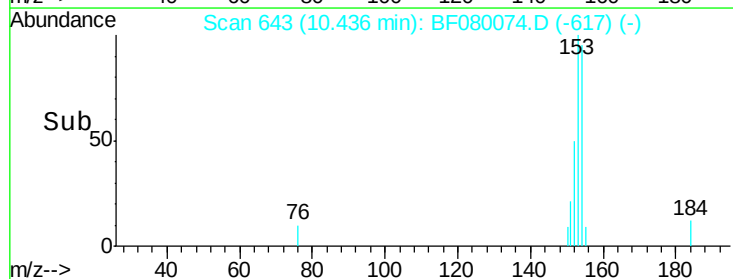
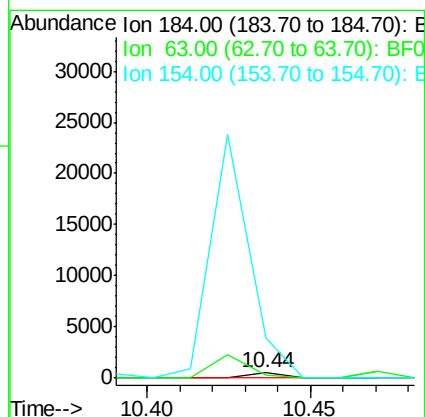
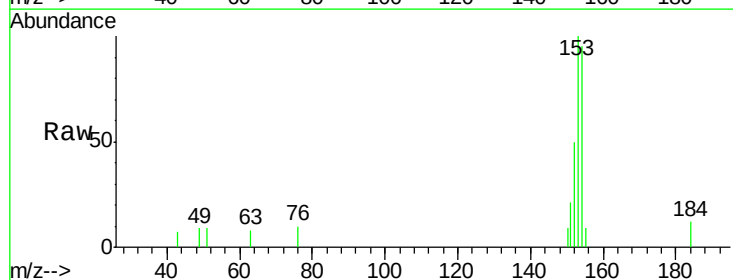
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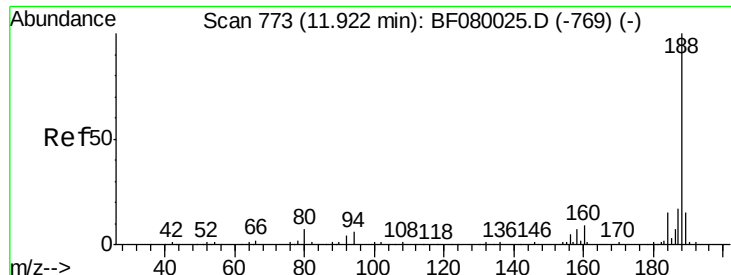
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#53
 2,4-Dinitrophenol
 Concen: 6.36 ng
 RT: 10.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080074.D
 Acq: 20 Jun 2015 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	340		
63	63.9	35.4	53.2#	
154	788.5	32.2	48.4#	





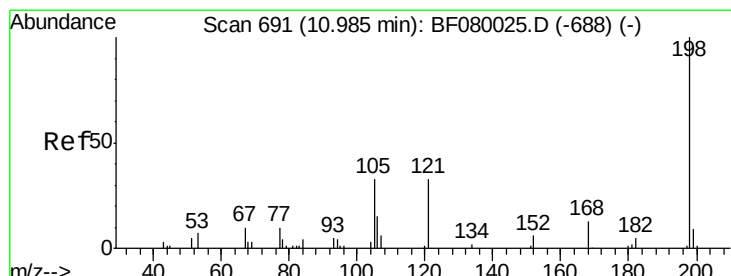
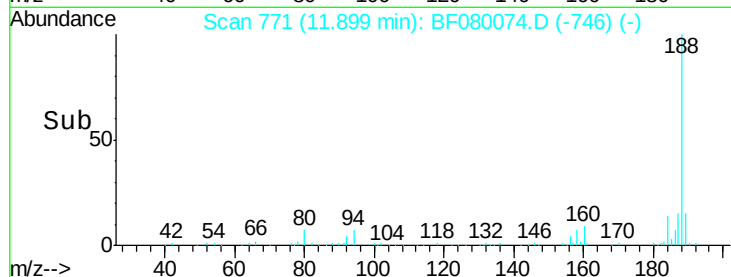
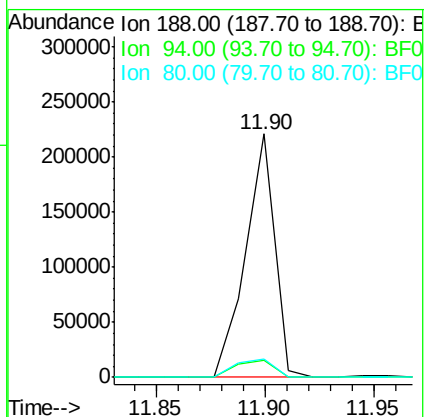
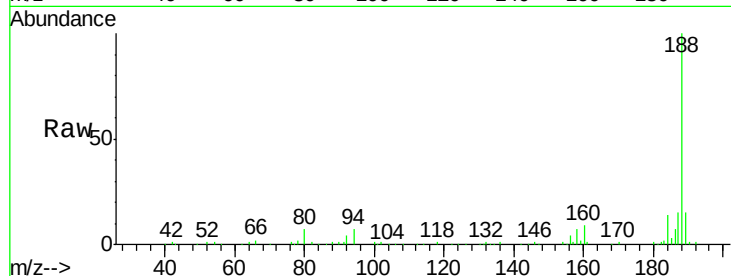
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080074.D
 Acq: 20 Jun 2015 1:40

Instrument :
 BNA_F
 ClientSampleId :
 LOD-SOIL2015-01

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.8	11.1	16.7#
80	7.4	11.0	16.4#

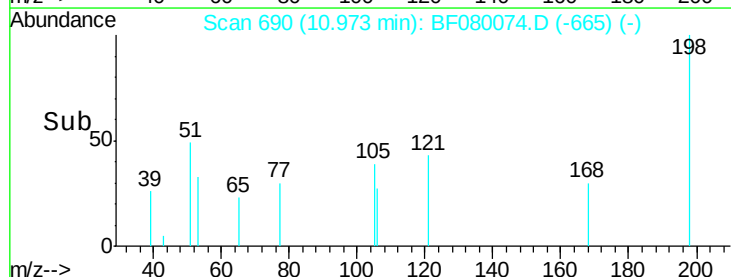
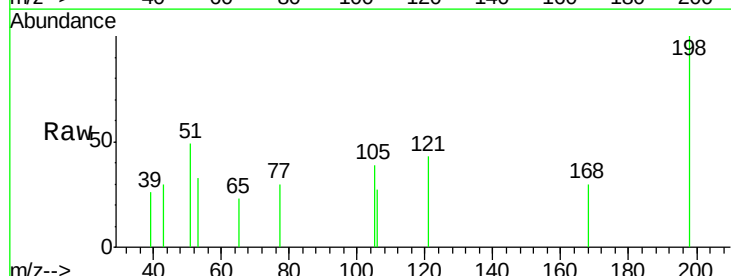
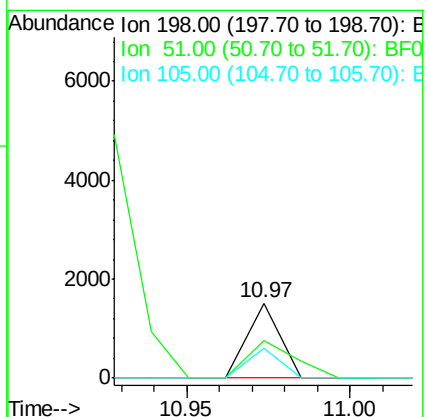
Manual Integrations
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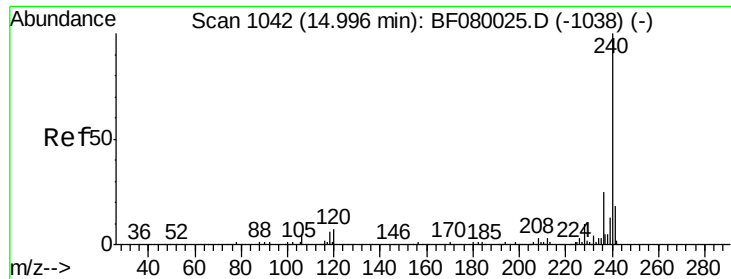
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.75 ng
 RT: 10.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF080074.D
 Acq: 20 Jun 2015 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.4	39.6	79.6
105	39.3	28.5	68.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.07 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

Instrument :

BNA_F

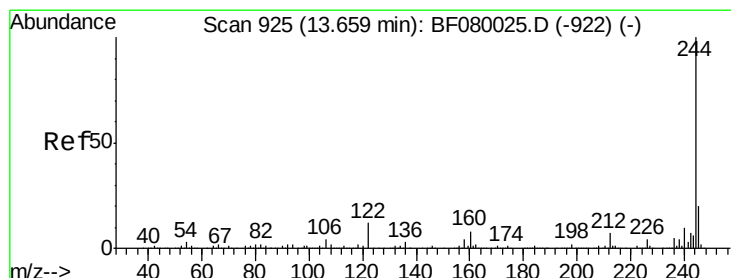
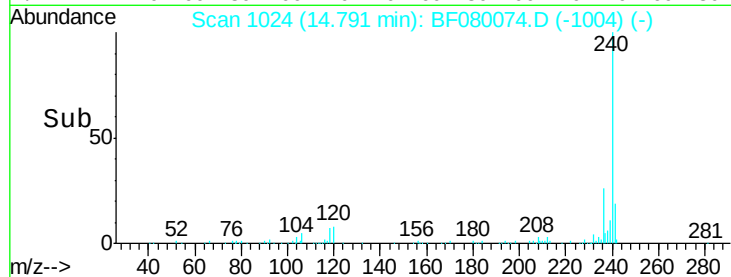
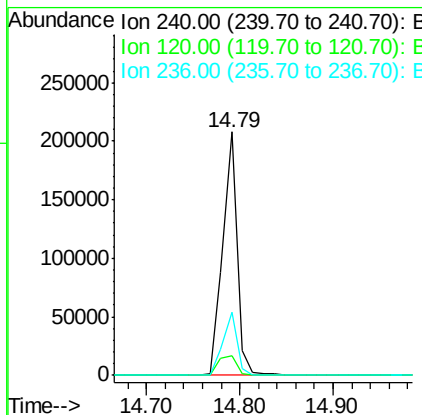
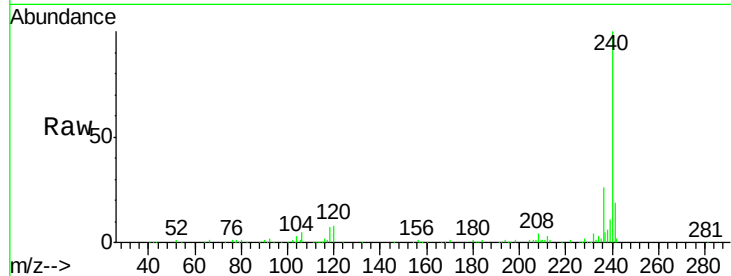
ClientSampleId :

LOD-SOIL2015-01

Tgt Ion:	240	Resp:	222964
Ion Ratio	Lower	Upper	
240	100		
120	8.2	16.2	24.2#
236	25.8	18.4	27.6

Manual Integrations
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apatel
6/22/2015 2:41:21 PM



#78

Terphenyl-d14

Concen: 65.88 ng

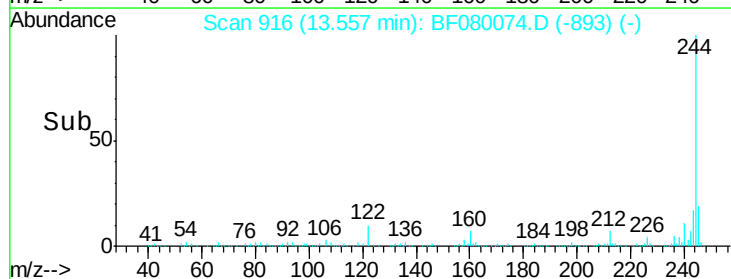
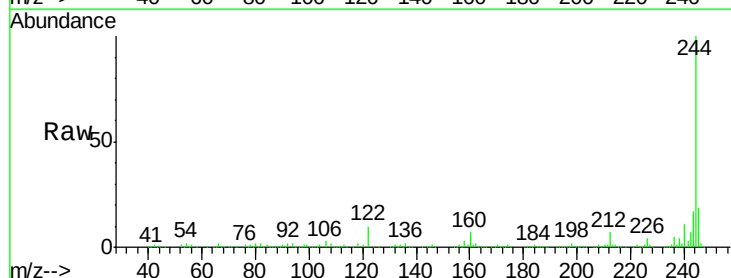
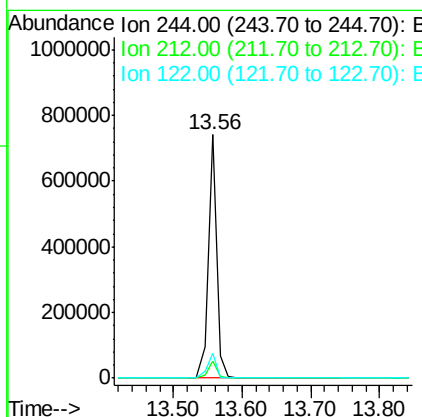
RT: 13.56 min Scan# 916

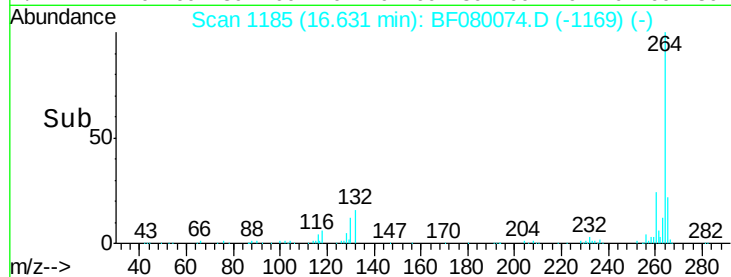
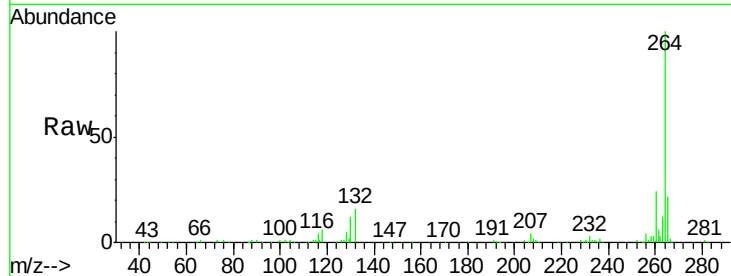
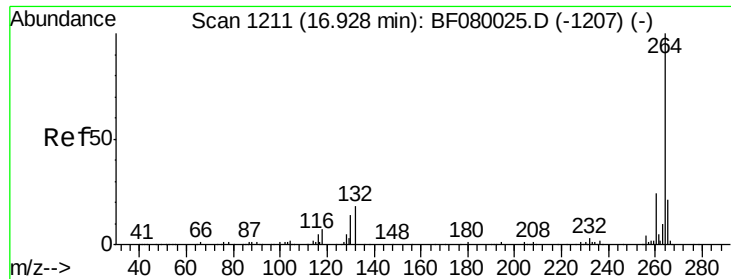
Delta R.T. -0.03 min

Lab File: BF080074.D

Acq: 20 Jun 2015 1:40

Tgt Ion:	244	Resp:	628980
Ion Ratio	Lower	Upper	
244	100		
212	6.9	4.3	6.5#
122	10.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.63 min Scan# 1185
Delta R.T. -0.11 min
Lab File: BF080074.D
Acq: 20 Jun 2015 1:40

Instrument :
BNA_F
ClientSampleId :
LOD-SOIL2015-01

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	200289		
260	23.9	16.7	25.1	
265	21.5	17.2	25.8	

Manual Integrations
APPROVED

apatel
6/22/2015 2:41:21 PM

