

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
 Data File : BM003333.D
 Acq On : 30 Nov 2015 23:46
 Operator : UM/IZ
 Sample : G3707-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
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Mmdadoda
 12/1/2015 6:34:00 PM

Quant Time: Dec 01 05:45:38 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	65530	5.00	ng	-0.02
7) Naphthalene-d8	10.51	136	265936	5.00	ng	-0.02
13) Acenaphthene-d10	14.37	164	146351	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	330353	5.00	ng	0.00
26) Chrysene-d12	21.31	240	184142	5.00	ng	-0.01
35) Perylene-d12	23.58	264	161509	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	93140	7.21	ng	0.00
5) Phenol-d6	6.88	99	118343	7.98	ng	-0.02
8) Nitrobenzene-d5	8.88	82	45771	3.87	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	24610	7.26	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	162376	3.44	ng	0.00
29) Terphenyl-d14	19.76	244	115772	4.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	684	0.04	ng	# 78
3) n-Nitrosodimethylamine	3.54	42	456	0.08	ng	# 99
6) bis(2-Chloroethyl)ether	7.14	93	1228	0.08	ng	99
9) Nitrobenzene	8.92	77	1124m	0.09	ng	
10) Naphthalene	10.56	128	4728	0.08	ng	# 96
11) Hexachlorobutadiene	10.85	225	684m	0.08	ng	
12) 2-Methylnaphthalene	12.18	142	2979	0.08	ng	97
16) Acenaphthylene	14.08	152	3731	0.07	ng	99
17) Acenaphthene	14.44	154	2722m	0.07	ng	
18) Fluorene	15.42	166	3187	0.08	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	750	0.27	ng	# 39
21) Hexachlorobenzene	16.42	284	896	0.08	ng	# 60
22) Pentachlorophenol	16.78	266	115	0.12	ng	# 78
23) Phenanthrene	17.17	178	4778	0.16	ng	# 69
24) Anthracene	17.24	178	4893	0.08	ng	98
25) Fluoranthene	19.19	202	4685	0.07	ng	98
27) Benzidine	19.38	184	490	0.17	ng	# 38
28) Pyrene	19.55	202	4907	0.09	ng	99
30) Benzo(a)anthracene	21.29	228	4553	0.10	ng	# 84
31) 3,3'-Dichlorobenzidine	21.25	252	941	0.26	ng	# 87
32) Chrysene	21.35	228	4629m	0.10	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	2024	0.14	ng	# 94
34) Indeno(1,2,3-cd)pyrene	25.84	276	3814	0.09	ng	# 81
36) Benzo(b)fluoranthene	22.89	252	3751	0.08	ng	# 81
37) Benzo(k)fluoranthene	22.93	252	3537	0.08	ng	# 79
38) Benzo(a)pyrene	23.47	252	3119	0.08	ng	# 73
39) Dibenzo(a,h)anthracene	25.86	278	3055	0.10	ng	# 83
40) Benzo(g,h,i)perylene	26.54	276	3433	0.09	ng	# 86

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

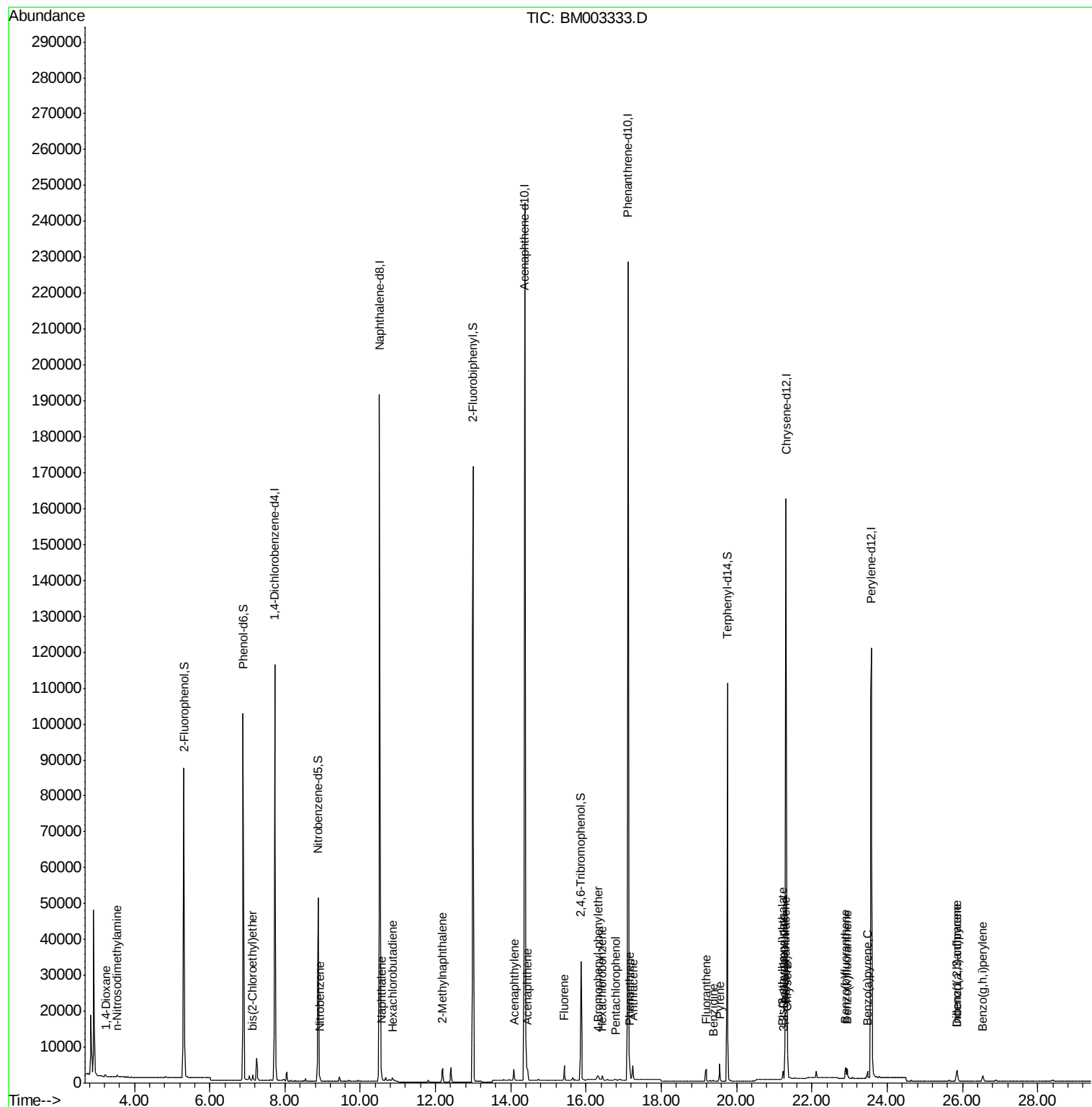
Data Path : Z:\HPCHEM1\BNA M\DATA\BM113015\
Data File : BM003333.D
Acq On : 30 Nov 2015 23:46
Operator : UM/IZ
Sample : G3707-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

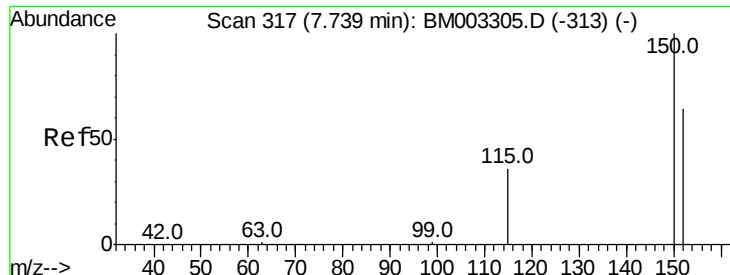
Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 27 16:36:40 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. -0.02 min

Lab File: BM003333.D

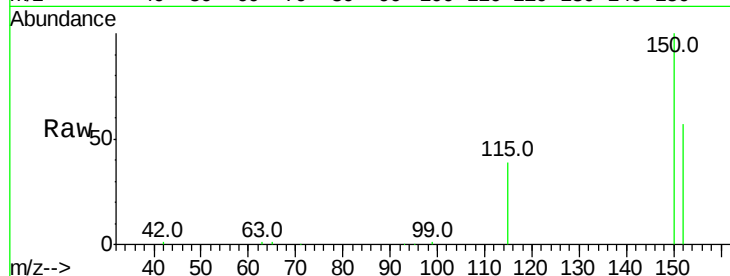
Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01



Tot Ion:152 Resp: 65530

Ion Ratio Lower Upper

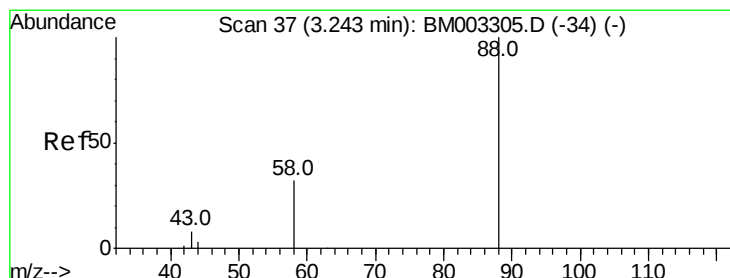
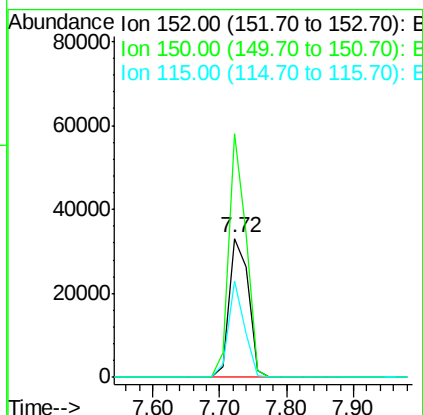
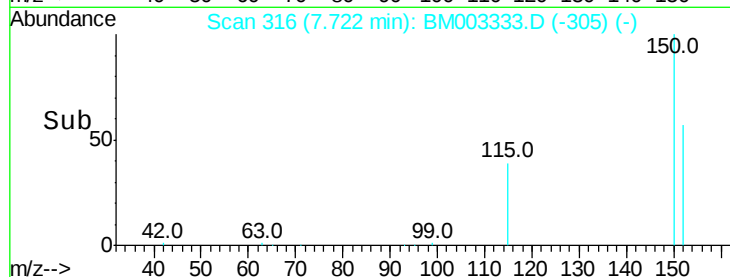
152 100

150 174.9 143.6 215.4

115 69.0 58.5 87.7

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#2

1,4-Dioxane

Concen: 0.04 ng

RT: 3.23 min Scan# 36

Delta R.T. -0.02 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

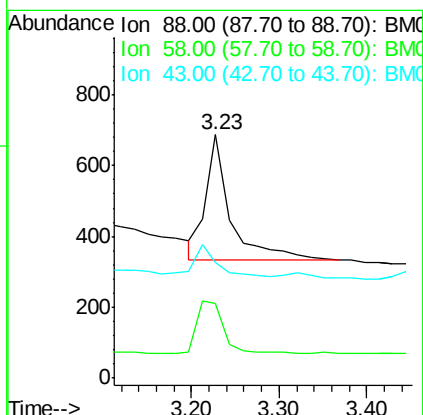
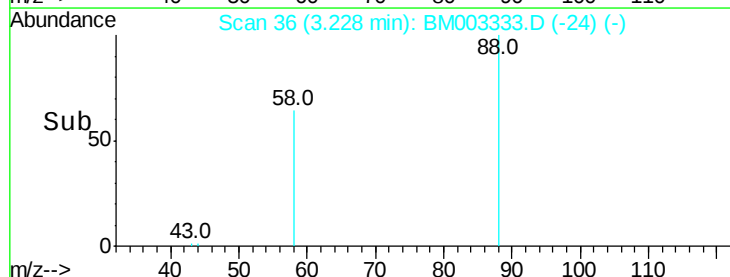
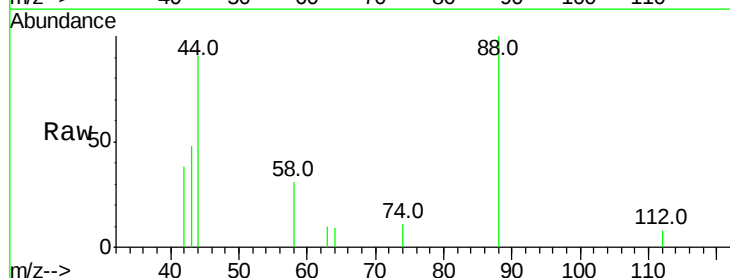
Tgt Ion: 88 Resp: 684

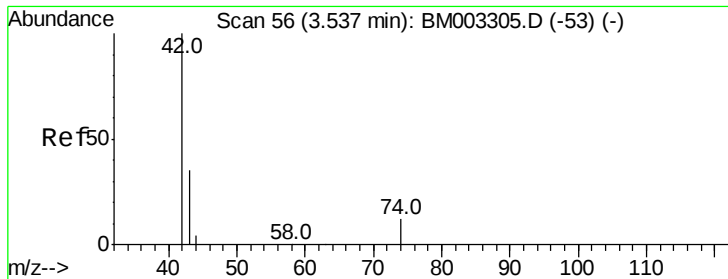
Ion Ratio Lower Upper

88 100

58 45.3 55.2 82.8#

43 25.9 21.8 32.6





#3

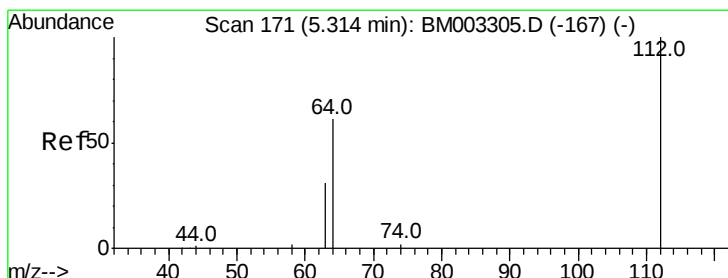
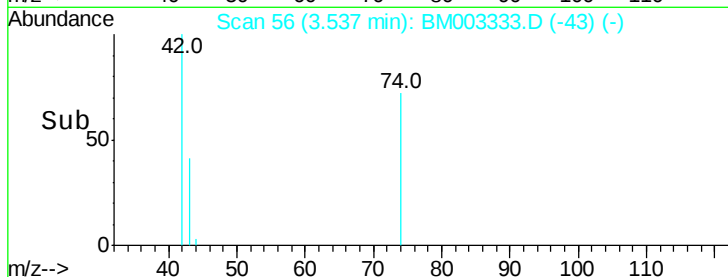
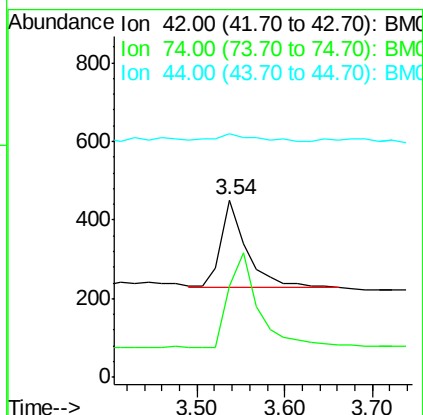
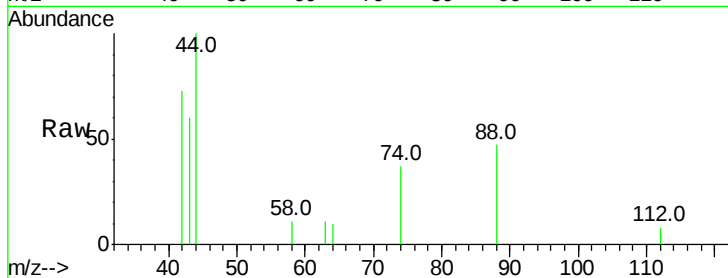
n-Nitrosodimethylamine
 Concen: 0.08 ng
 RT: 3.54 min Scan# 56
 Delta R.T. 0.00 min
 Lab File: BM003333.D
 Acq: 30 Nov 2015 23:46

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
42	100		
74	125.7	101.0	151.4
44	13.8	6.3	9.5#

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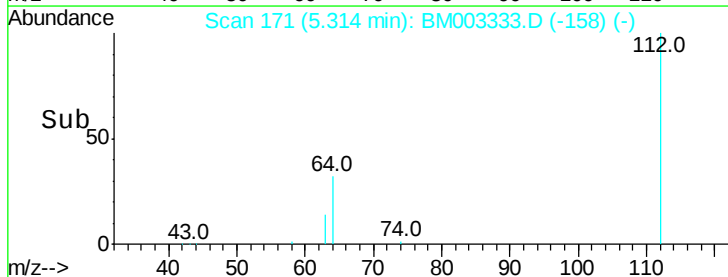
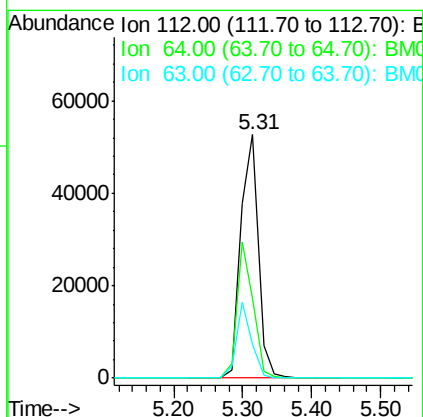
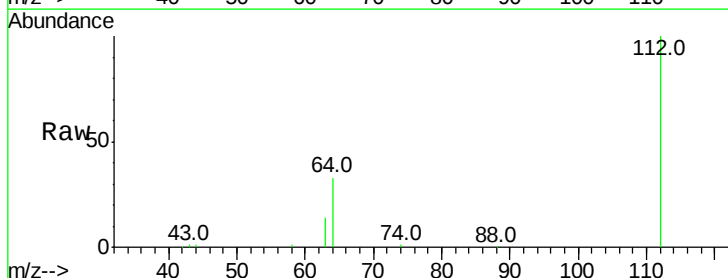
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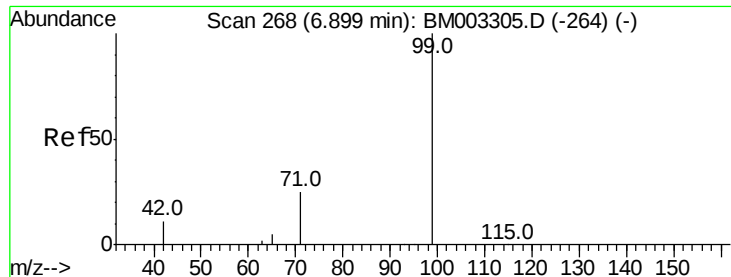


#4

2-Fluorophenol
 Concen: 7.21 ng
 RT: 5.31 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: BM003333.D
 Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.2	61.8
63	26.8	21.2	31.8





#5

Phenol-d6

Concen: 7.98 ng

RT: 6.88 min Scan# 267

Delta R.T. -0.02 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

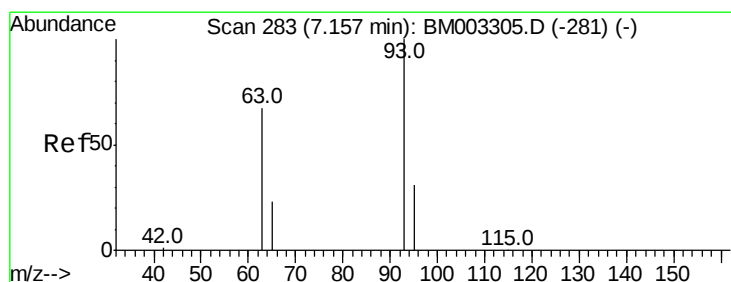
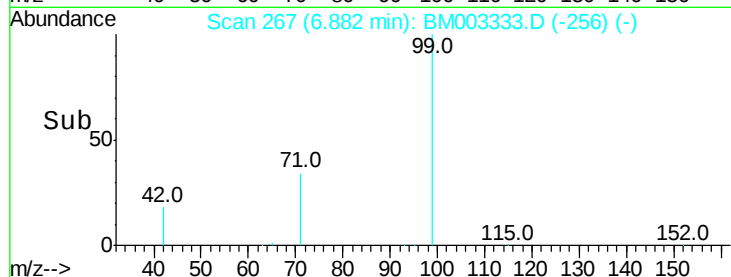
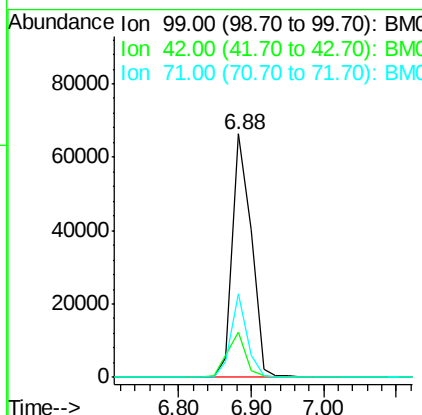
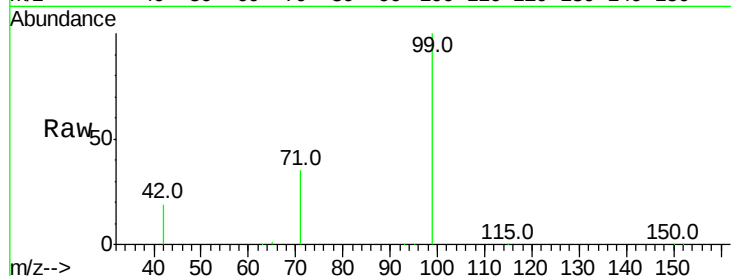
ClientSampleId :

LOD-SOIL2015-01

Tot Ion:	99	Resp:	118343
Ion Ratio	Lower	Upper	
99	100		
42	17.4	14.6	22.0
71	29.4	23.3	34.9

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#6

bis(2-Chloroethyl)ether

Concen: 0.08 ng

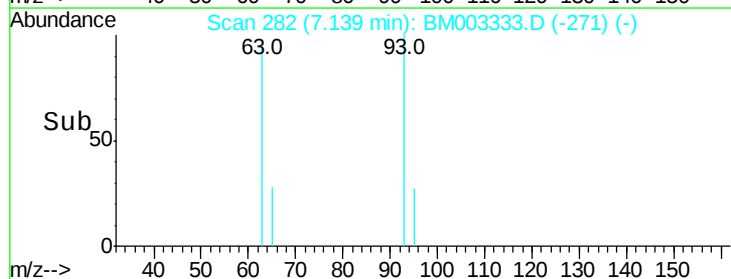
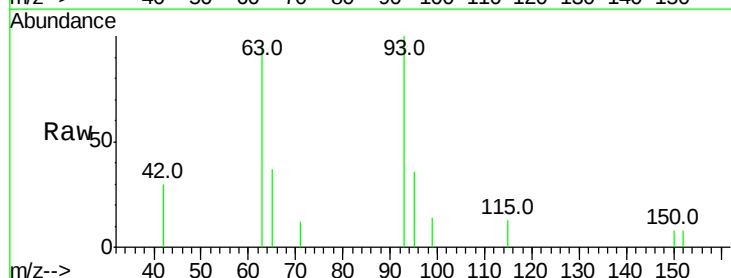
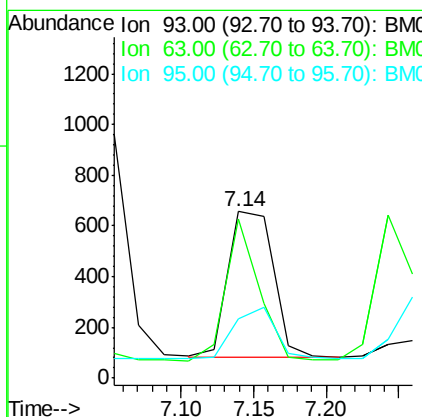
RT: 7.14 min Scan# 282

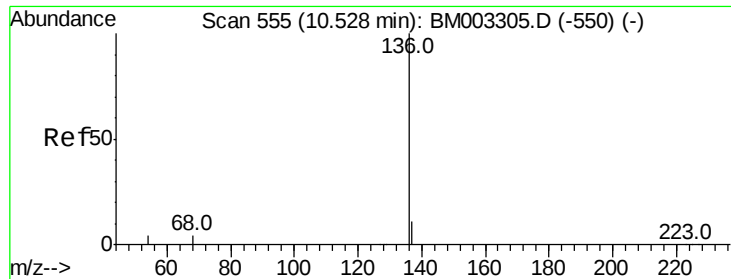
Delta R.T. -0.02 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion:	93	Resp:	1228
Ion Ratio	Lower	Upper	
93	100		
63	72.1	58.2	87.4
95	33.0	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.02 min

Lab File: BM003333.D

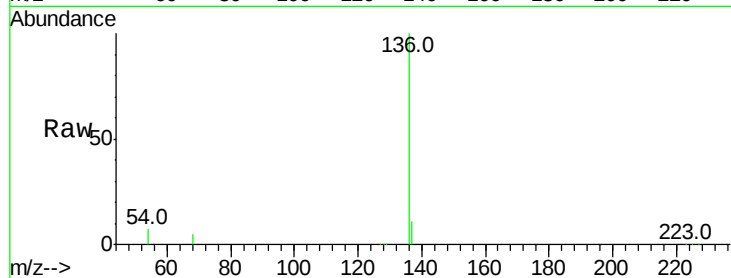
Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01



Tot Ion: 136 Resp: 265936

Ion Ratio Lower Upper

136 100

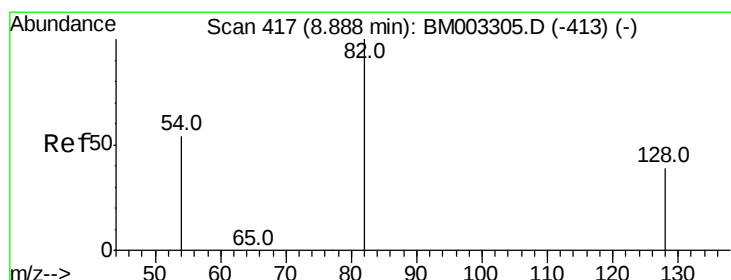
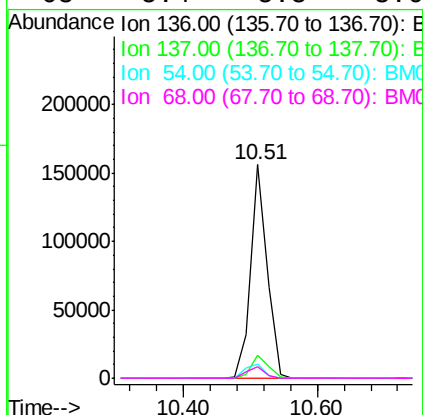
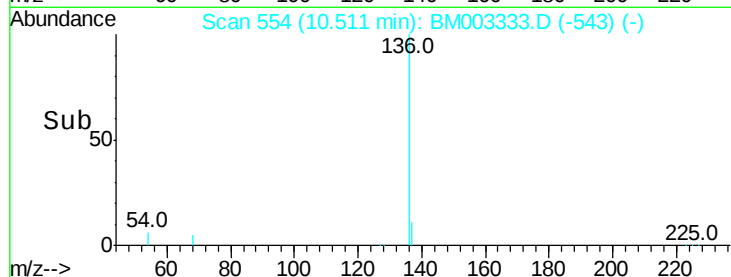
137 10.6 8.0 12.0

54 6.5 7.4 11.0#

68 5.4 5.8 8.6#

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#8

Nitrobenzene-d5

Concen: 3.87 ng

RT: 8.88 min Scan# 416

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

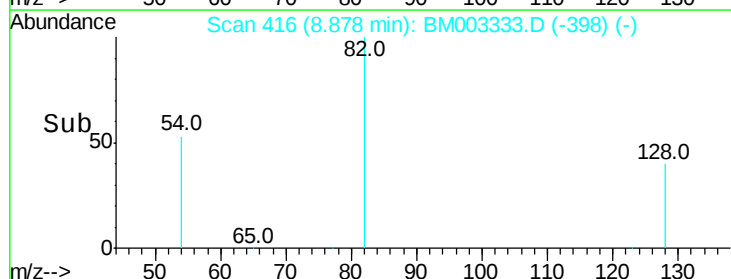
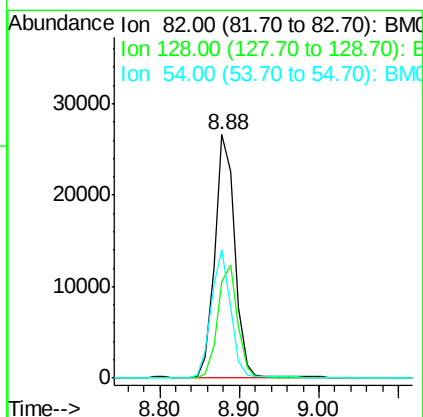
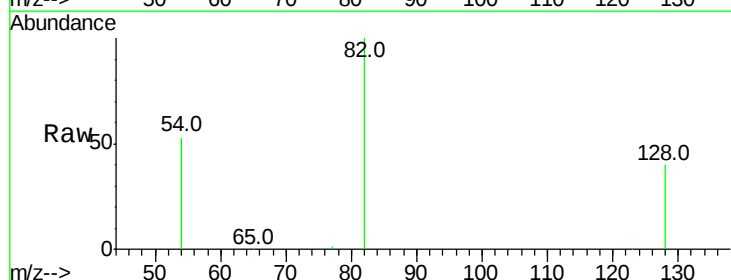
Tgt Ion: 82 Resp: 45771

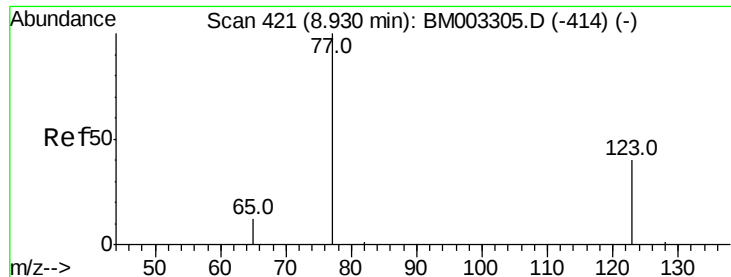
Ion Ratio Lower Upper

82 100

128 39.7 35.2 52.8

54 52.8 36.4 54.6





#9

Nitrobenzene

Concen: 0.09 ng m

RT: 8.92 min Scan# 420

Delta R.T. -0.01 min

Lab File: BM003333.D

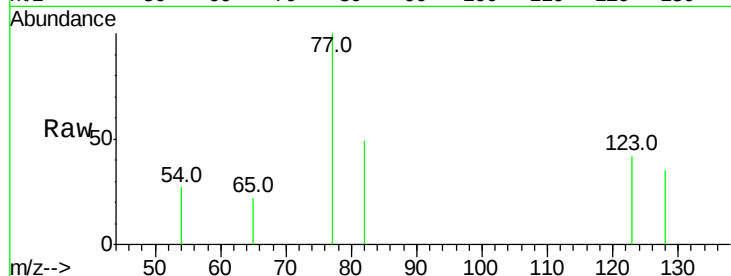
Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

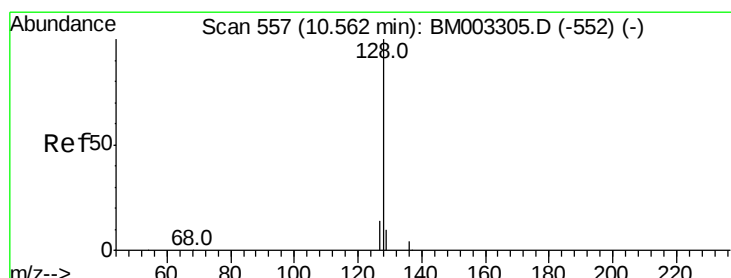
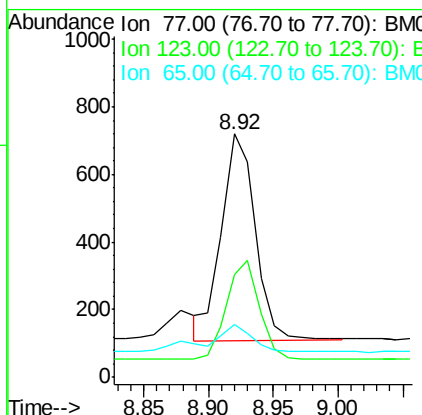
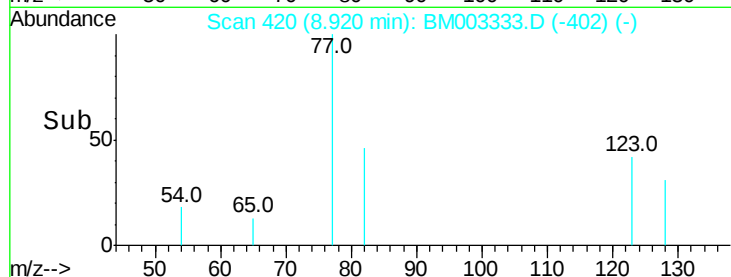
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Tot Ion:	77	Resp:	1124
Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.7	56.5
65	17.5	9.8	14.6#

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#10

Naphthalene

Concen: 0.08 ng

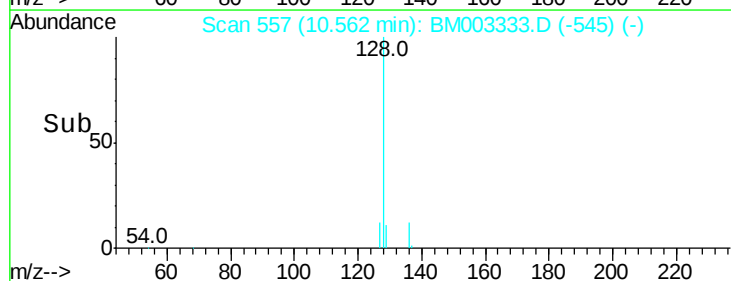
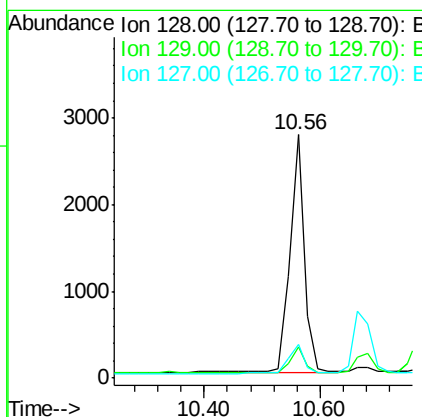
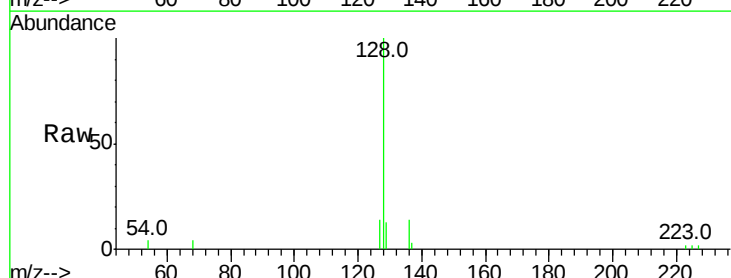
RT: 10.56 min Scan# 557

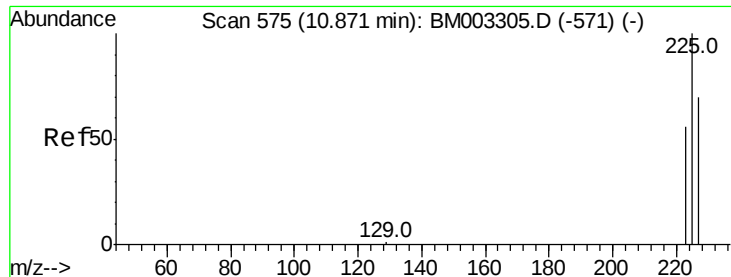
Delta R.T. 0.00 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion:	128	Resp:	4728
Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.5	12.7#
127	14.0	10.6	16.0





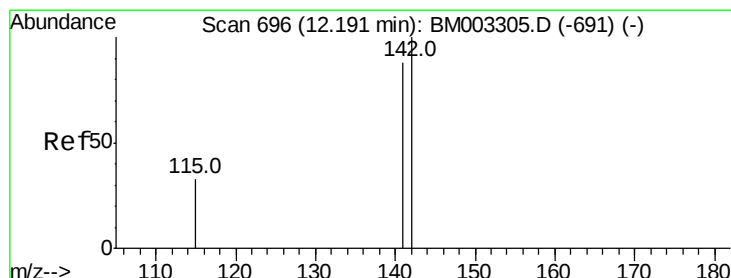
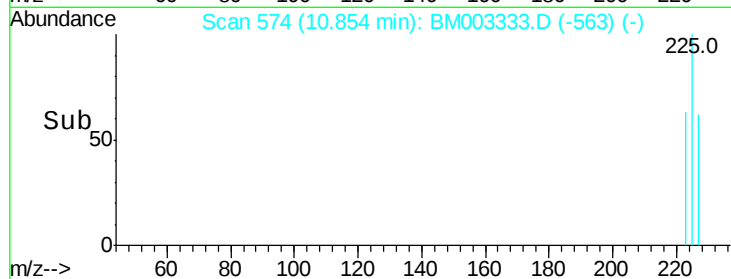
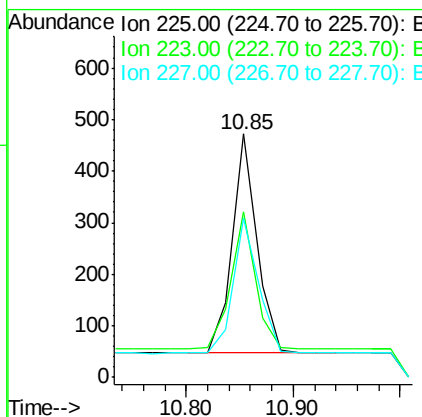
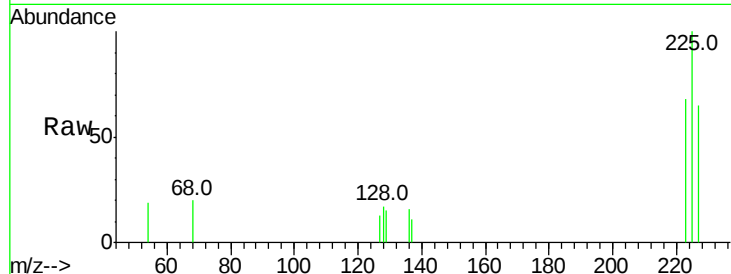
#11
Hexachlorobutadiene
Concen: 0.08 ng m
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
225	100		
223	152.9	53.0	79.4#
227	62.6	52.2	78.4

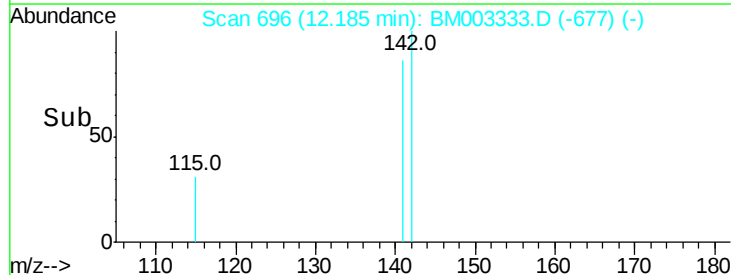
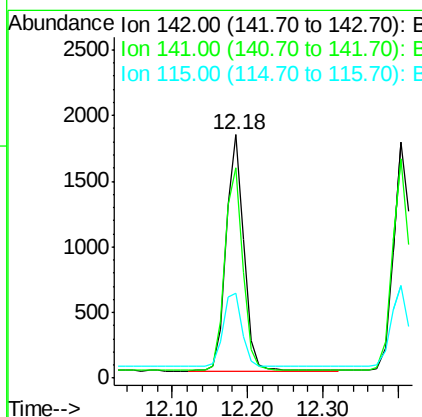
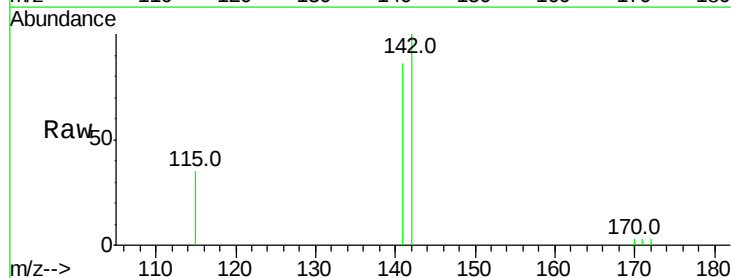
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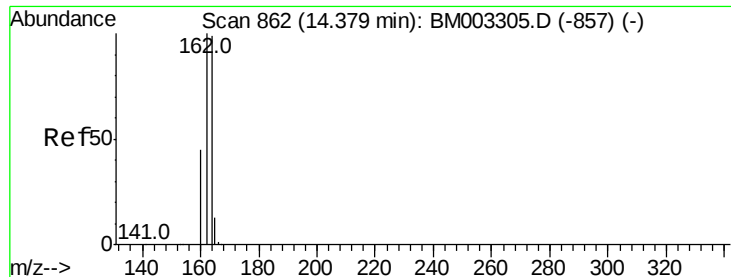
Mmdadoda
12/1/2015 6:34:00 PM



#12
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.2	108.2
115	34.9	28.0	42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003333.D

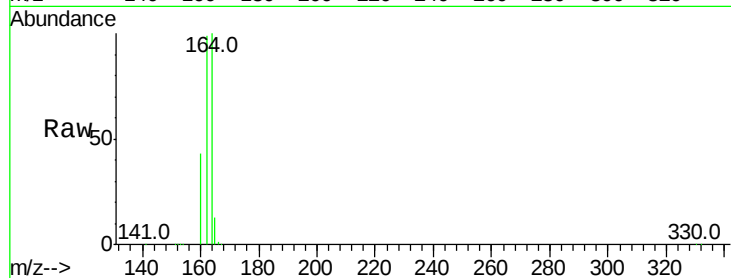
Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

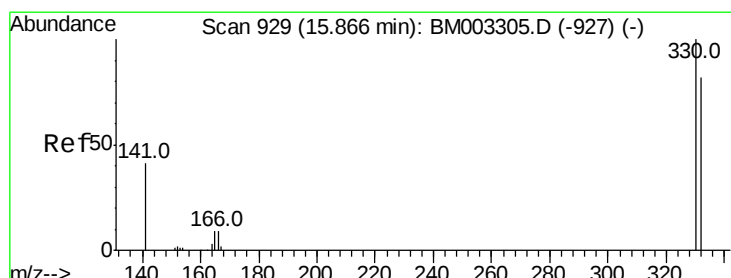
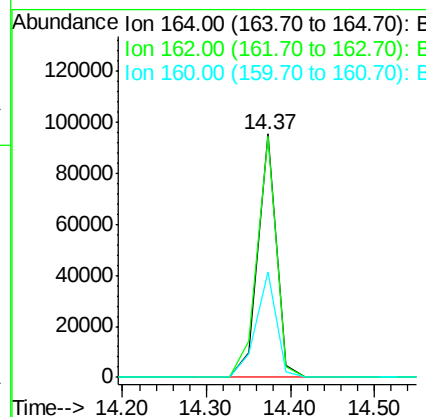
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Tot Ion:	164	Resp:	146351
Ion Ratio	Lower	Upper	
164	100		
162	98.8	78.3	117.5
160	43.2	33.8	50.6

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#14

2,4,6-Tribromophenol

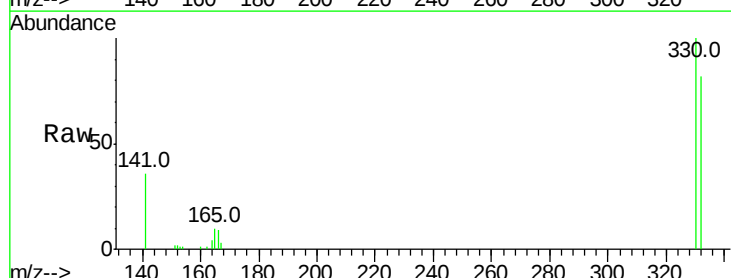
Concen: 7.26 ng

RT: 15.86 min Scan# 929

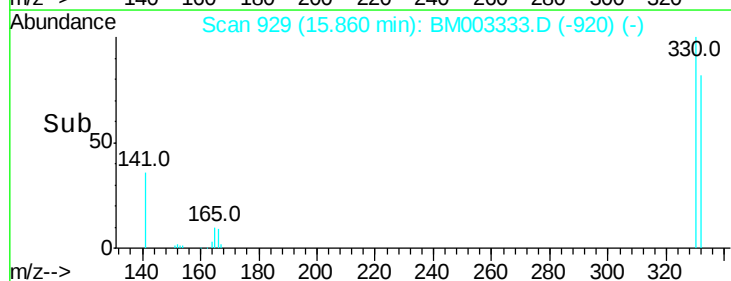
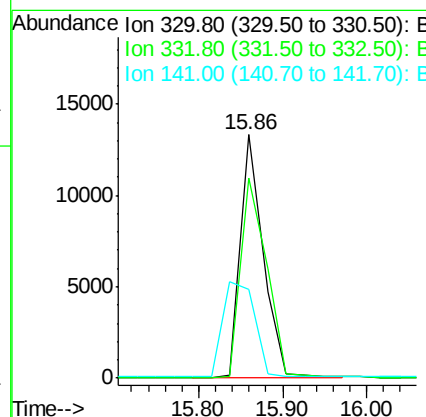
Delta R.T. -0.01 min

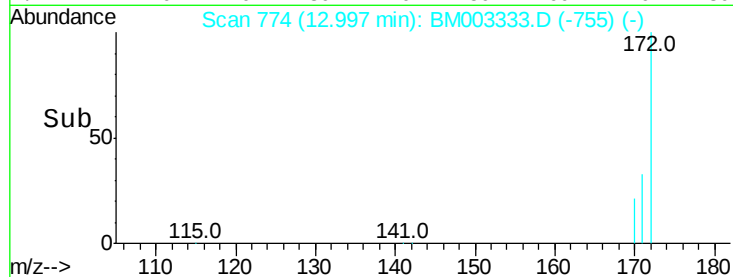
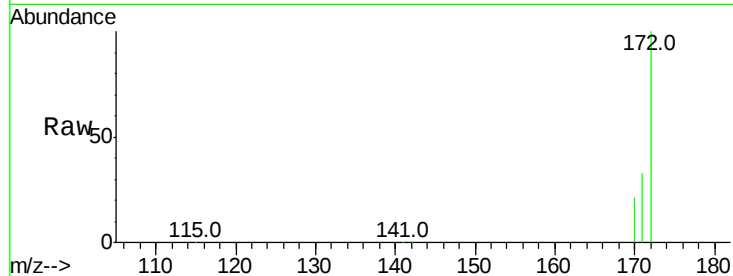
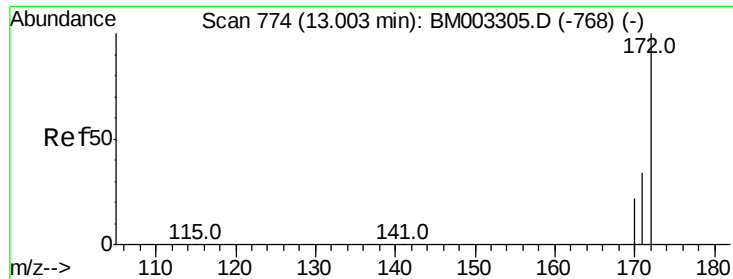
Lab File: BM003333.D

Acq: 30 Nov 2015 23:46



Tgt Ion:	330	Resp:	24610
Ion Ratio	Lower	Upper	
330	100		
332	93.7	76.0	114.0
141	0.0	0.0	0.0





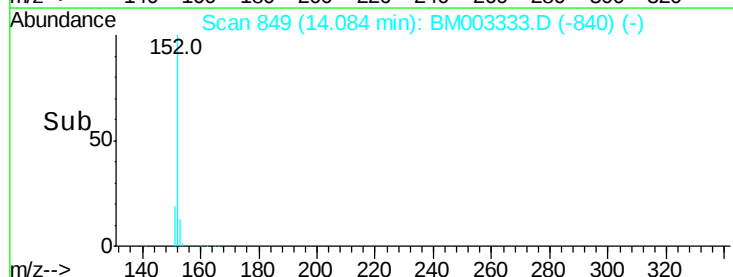
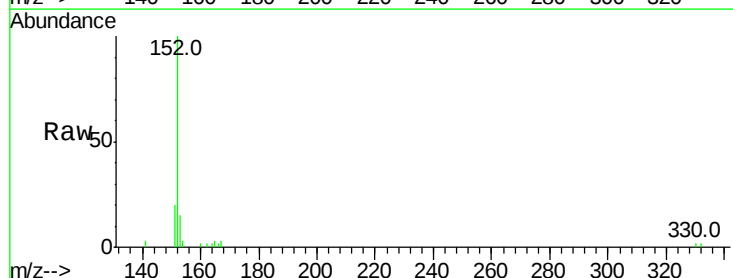
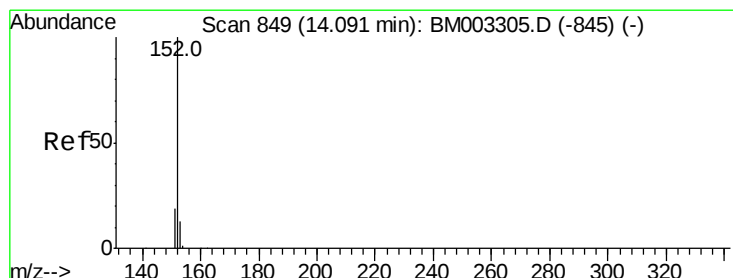
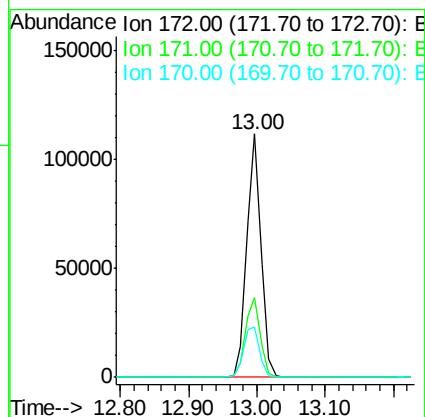
#15
2-Fluorobiphenyl
Concen: 3.44 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tot Ion:	172	Resp:	162376
Ion Ratio	Lower	Upper	
172	100		
171	32.7	28.0	42.0
170	20.8	18.9	28.3

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

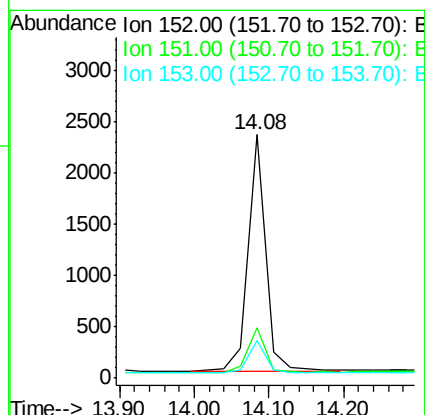
Manual Integrations
APPROVED

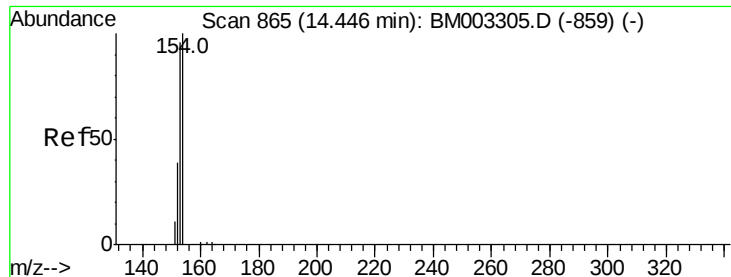
Mmdadoda
12/1/2015 6:34:00 PM



#16
Acenaphthylene
Concen: 0.07 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion:	152	Resp:	3731
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.2	22.8
153	13.3	10.4	15.6





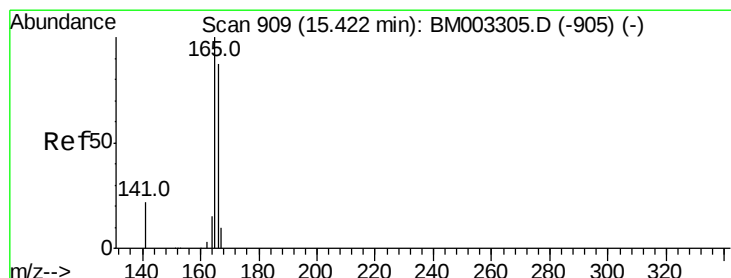
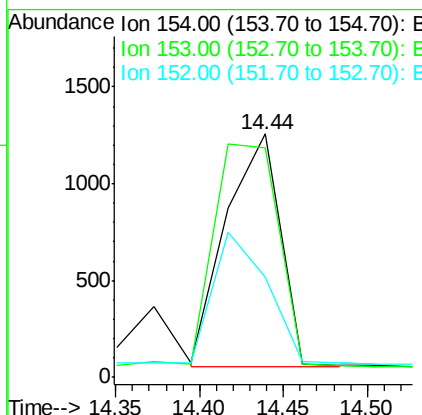
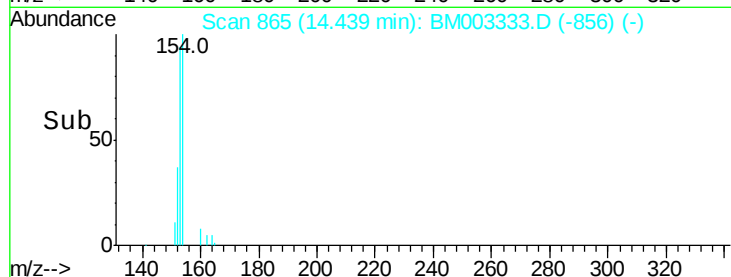
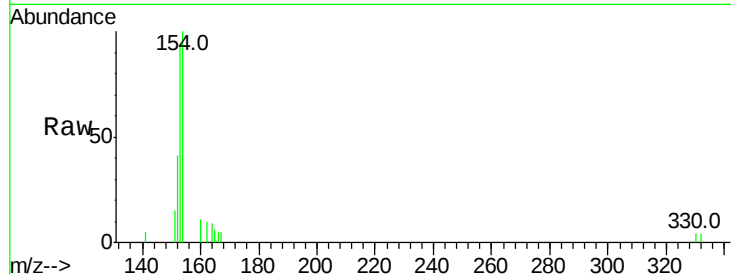
#17
Acenaphthene
Concen: 0.07 ng m
RT: 14.44 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	0.0	0.0
152	0.0	0.0	0.0

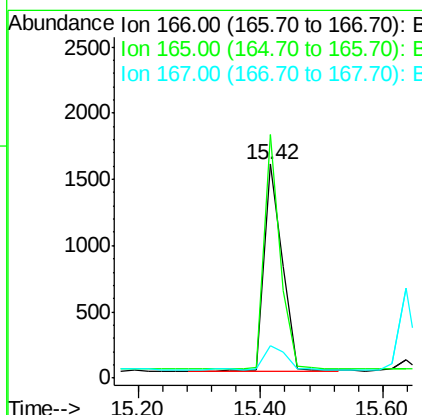
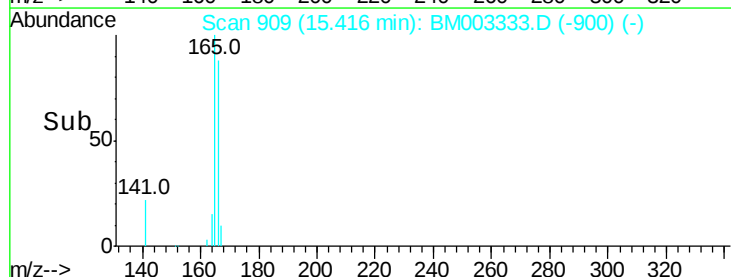
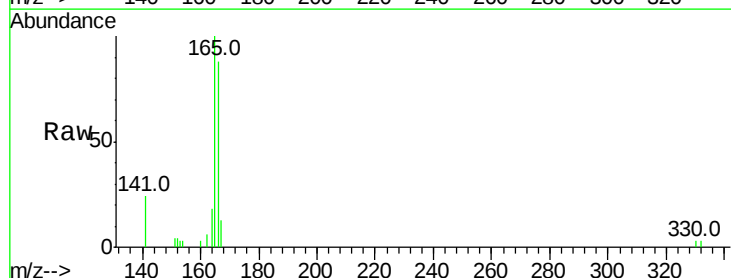
Manual Integrations
APPROVED

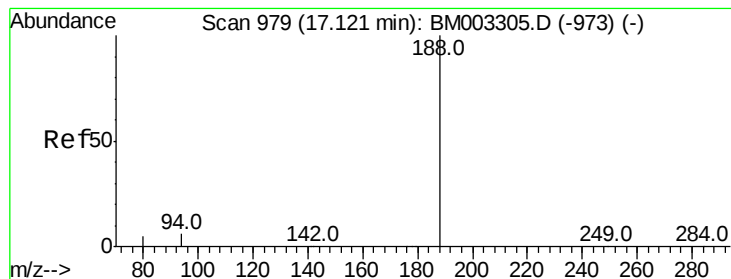
Mmdadoda
12/1/2015 6:34:00 PM



#18
Fluorene
Concen: 0.08 ng
RT: 15.42 min Scan# 909
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	80.8	121.2
167	13.9	10.5	15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

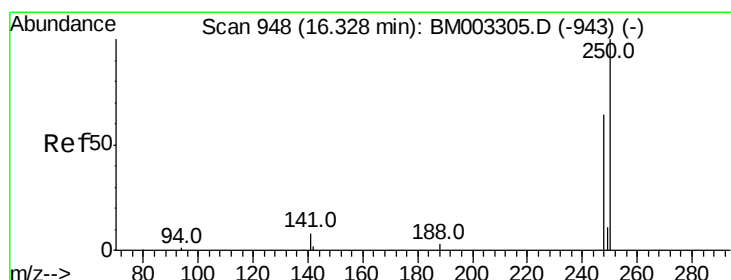
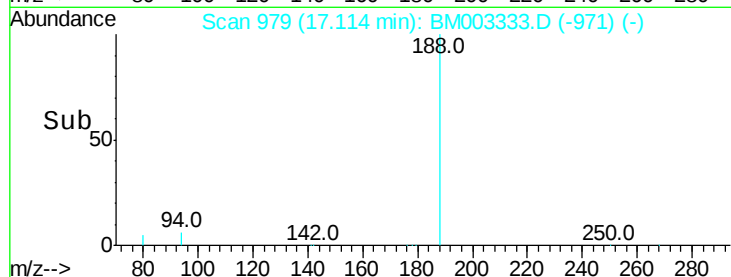
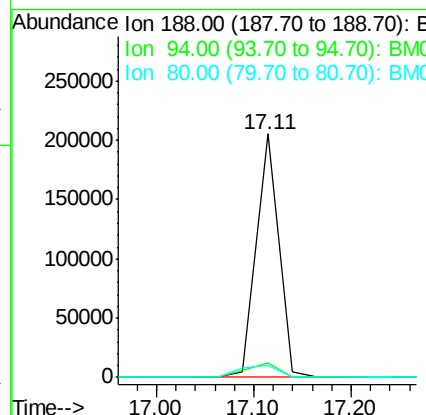
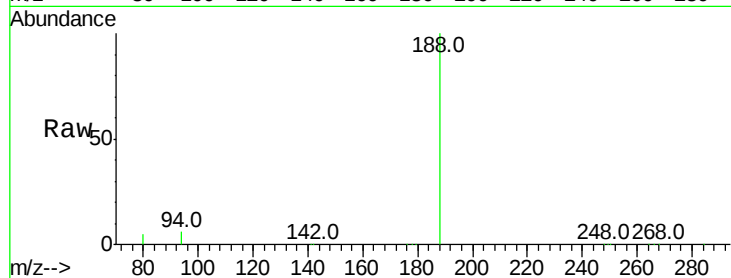
ClientSampleId :

LOD-SOIL2015-01

Tot Ion:188	Resp:	330353
Ion Ratio	Lower	Upper
188 100		
94 5.8	1.8	2.6#
80 4.9	1.4	2.0#

Manual Integrations
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12/1/2015 6:34:00 PM



#20

4-Bromophenyl-phenylether

Concen: 0.27 ng

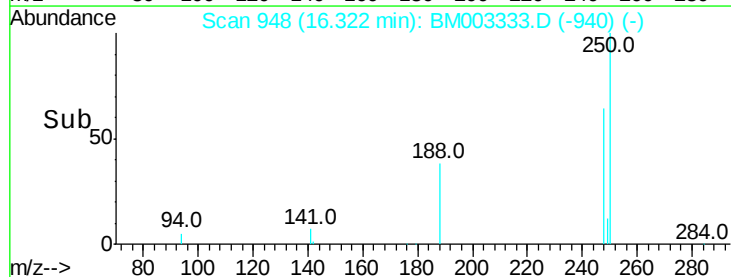
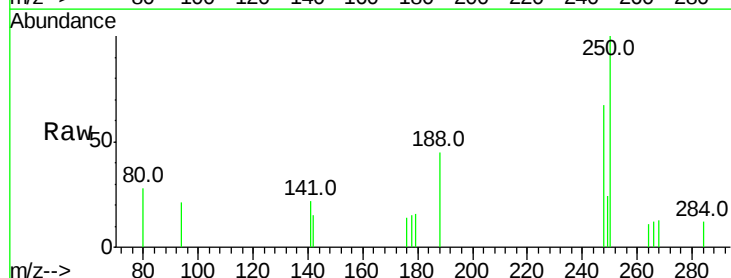
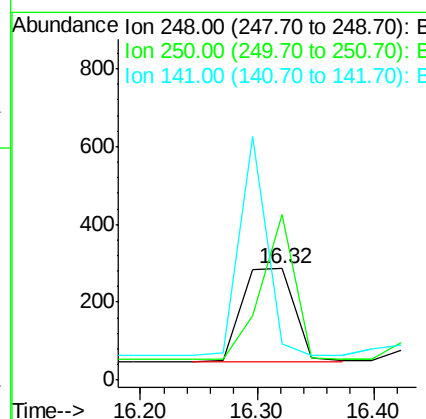
RT: 16.32 min Scan# 948

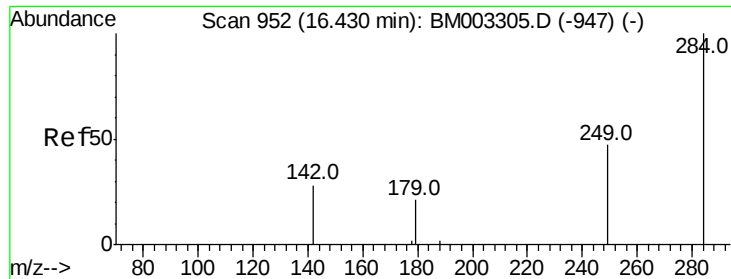
Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion:248	Resp:	750
Ion Ratio	Lower	Upper
248 100		
250 100.8	65.4	98.0#
141 0.0	72.8	109.2#





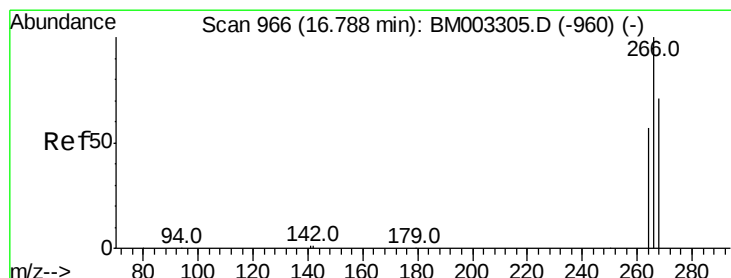
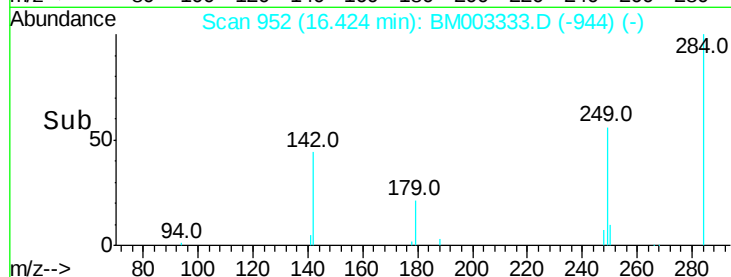
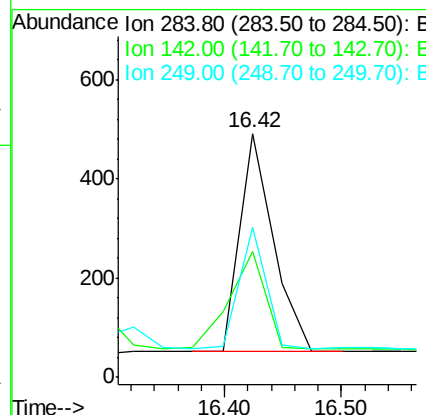
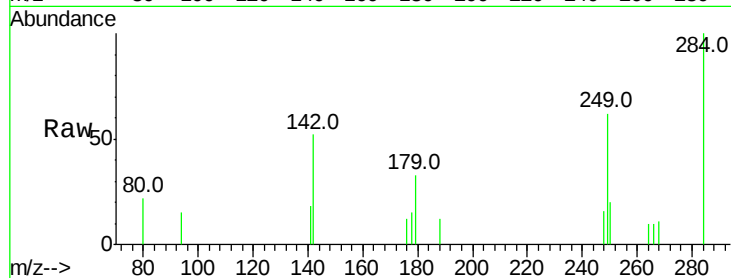
#21
Hexachlorobenzene
Concen: 0.08 ng
RT: 16.42 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.5	0.0	0.0#
249	44.0	19.4	29.2#

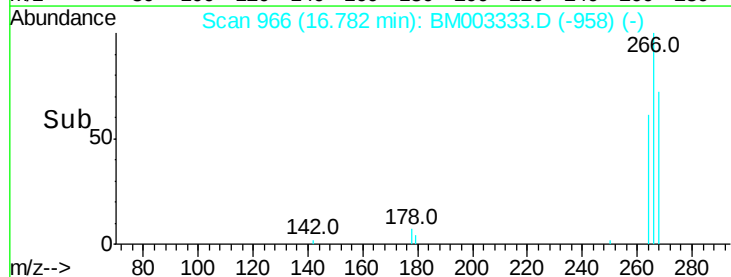
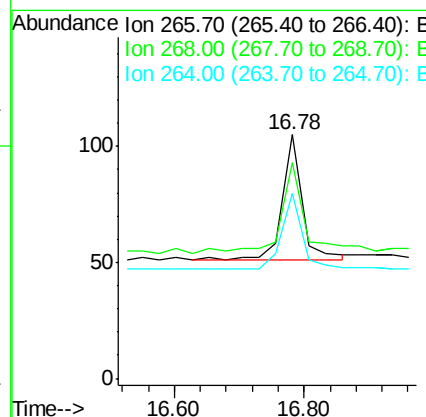
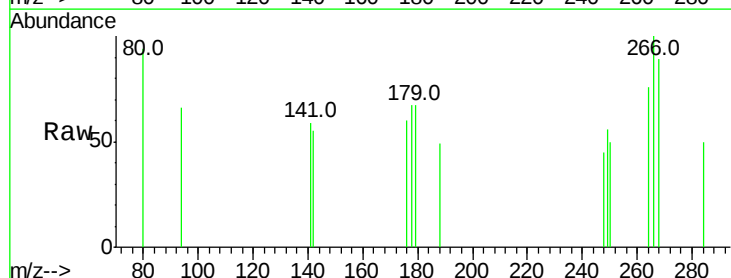
Manual Integrations
APPROVED

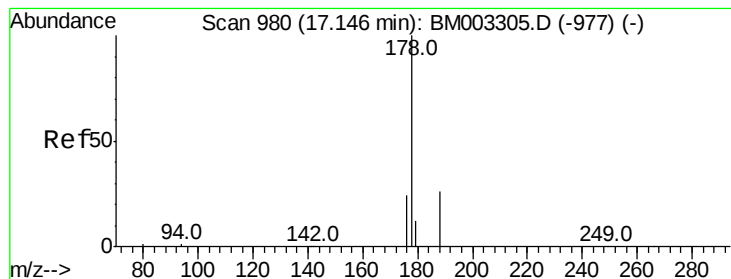
Mmdadoda
12/1/2015 6:34:00 PM



#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	88.6	45.8	68.8#
264	76.2	56.7	85.1





#23

Phenanthrene

Concen: 0.16 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:178 Resp: 4778

Ion Ratio Lower Upper

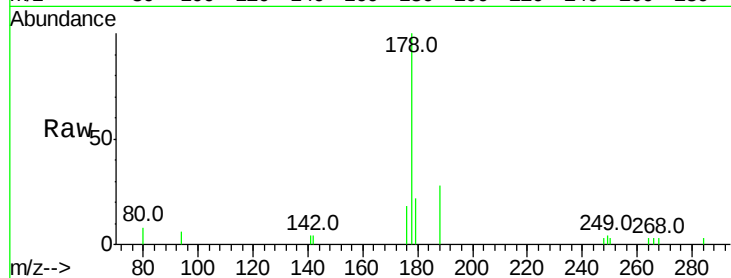
178 100

176 0.0 15.9 23.9#

179 20.3 11.7 17.5#

Manual Integrations
APPROVED

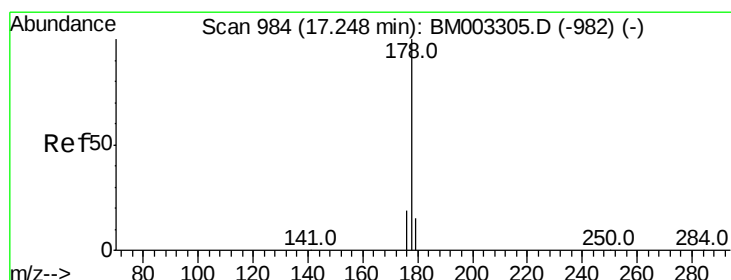
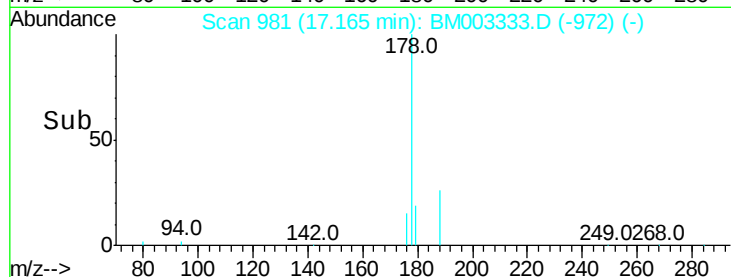
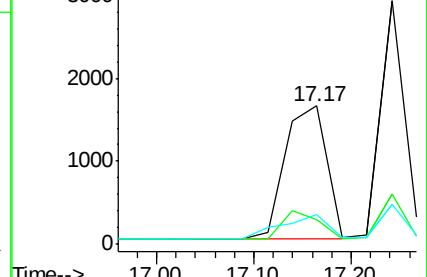
Mmdadoda
12/1/2015 6:34:00 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.08 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

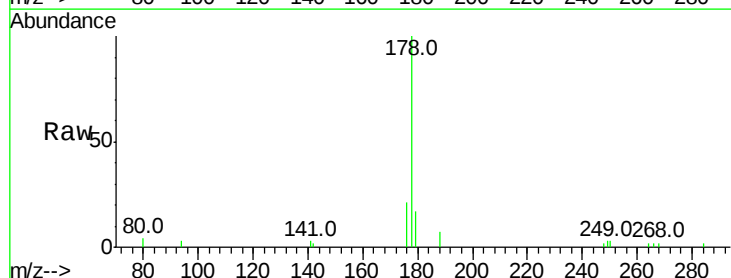
Tgt Ion:178 Resp: 4893

Ion Ratio Lower Upper

178 100

176 18.6 14.1 21.1

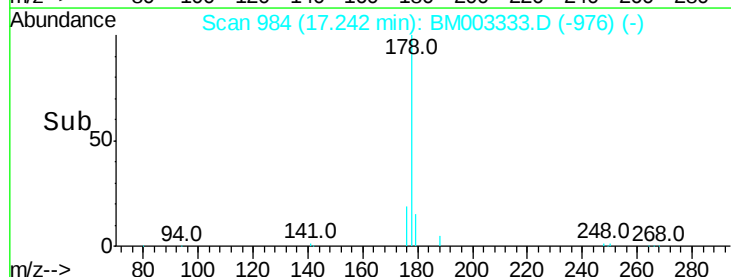
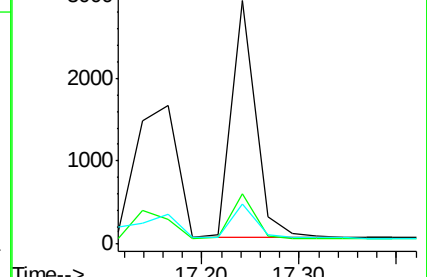
179 14.9 12.8 19.2

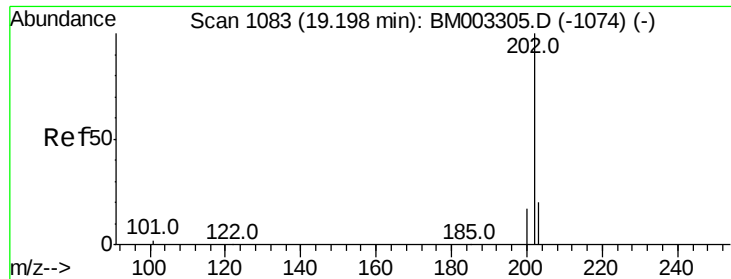


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.07 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

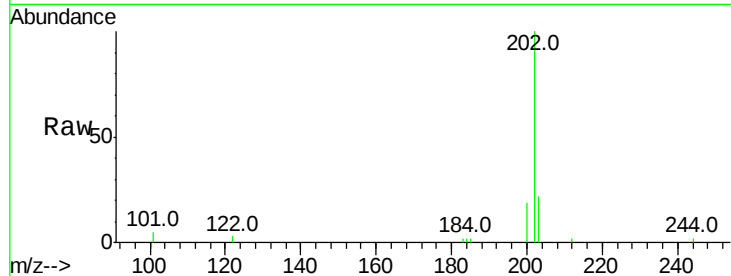
ClientSampleId :

LOD-SOIL2015-01

Tot Ion:	202	Resp:	4685
Ion Ratio	Lower	Upper	
202	100		
101	13.7	9.9	14.9
203	17.8	13.9	20.9

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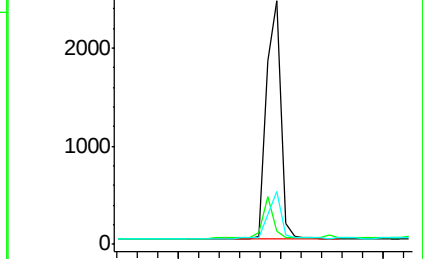
Mmdadoda
12/1/2015 6:34:00 PM



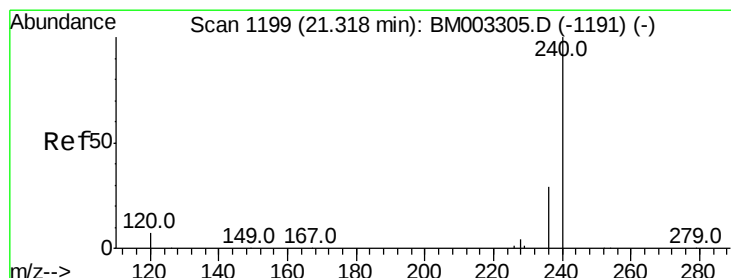
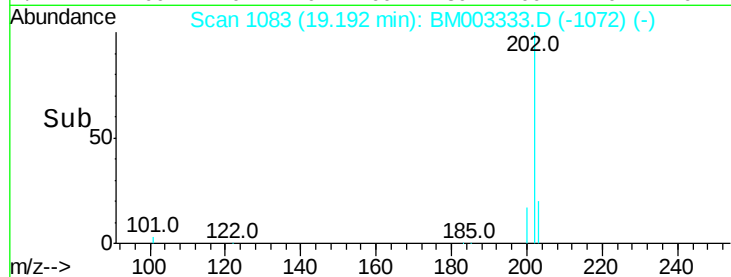
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

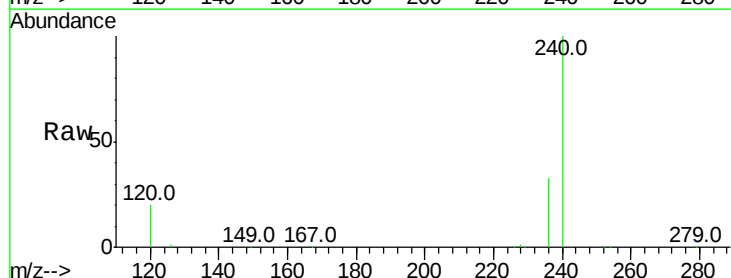
RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

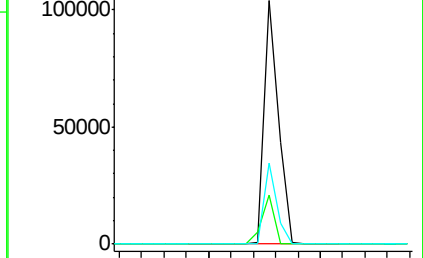
Tgt Ion:	240	Resp:	184142
Ion Ratio	Lower	Upper	
240	100		
120	20.0	1.0	1.4#
236	33.1	17.9	26.9#



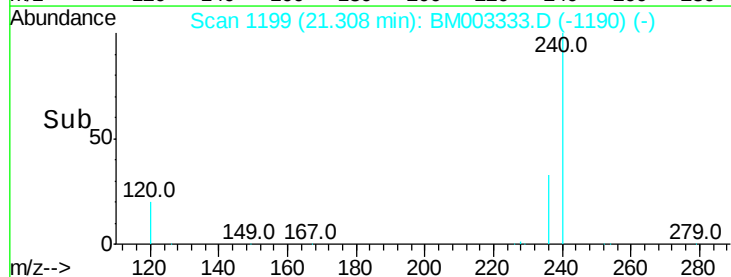
Abundance Ion 240.00 (239.70 to 240.70): E

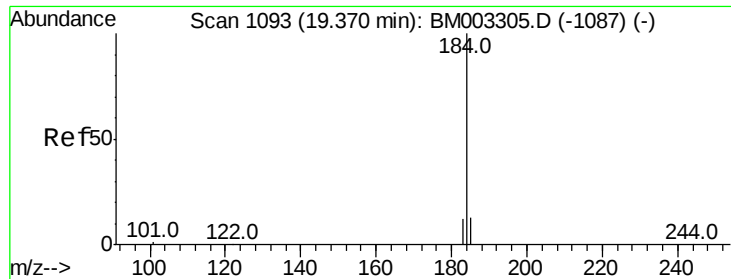
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#27

Benzidine

Concen: 0.17 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

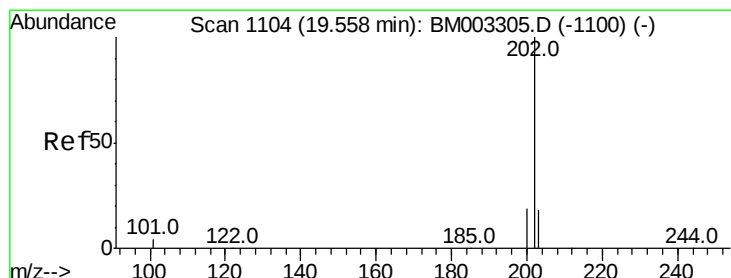
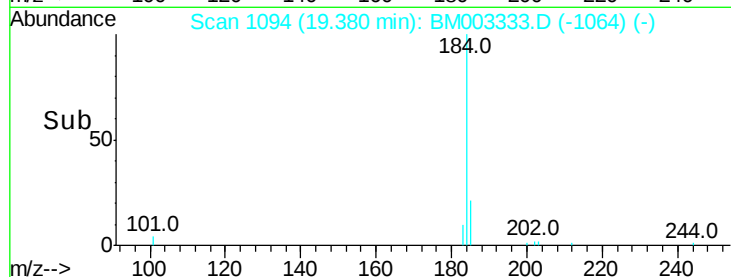
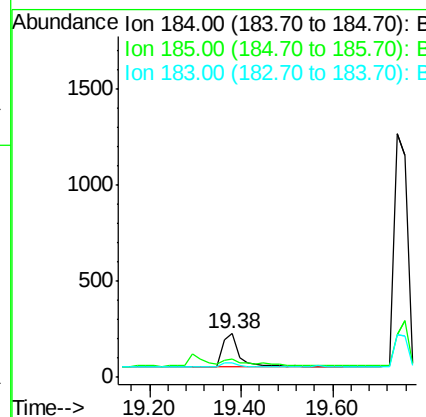
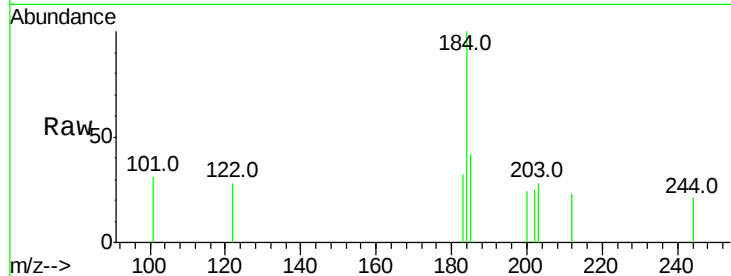
ClientSampleId :

LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
184	100		
185	41.8	11.6	17.4#
183	32.0	8.6	13.0#

Manual Integrations
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12/1/2015 6:34:00 PM



#28

Pyrene

Concen: 0.09 ng

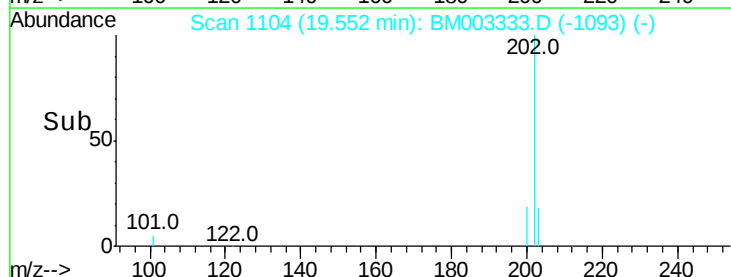
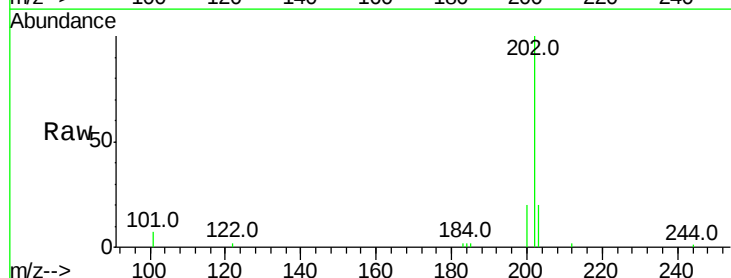
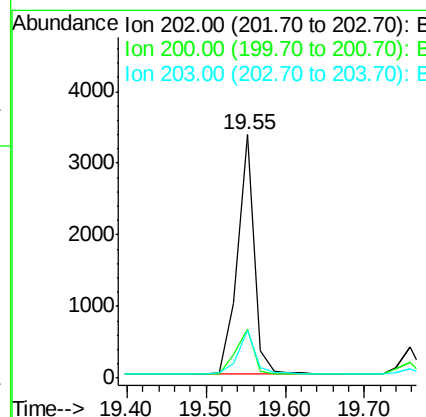
RT: 19.55 min Scan# 1104

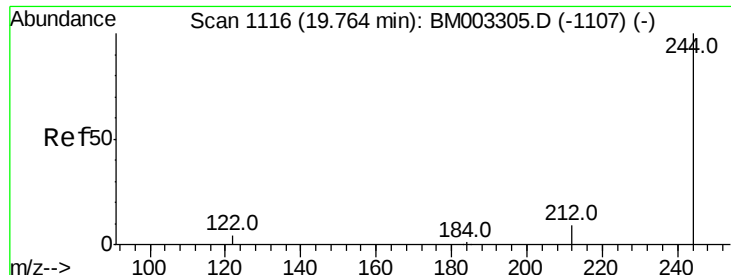
Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.7	25.1
203	18.2	13.8	20.6





#29

Terphenyl-d14

Concen: 4.51 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:244 Resp: 115772

Ion Ratio Lower Upper

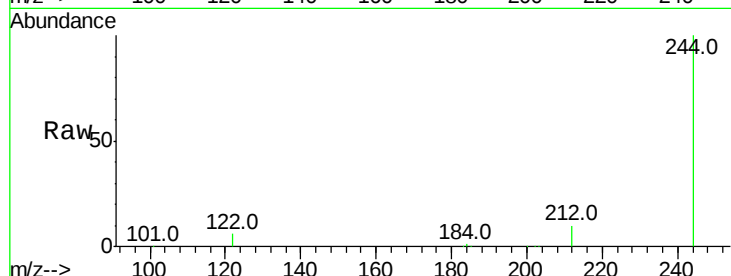
244 100

212 9.8 6.5 9.7#

122 5.6 2.0 3.0#

Manual Integrations
APPROVED

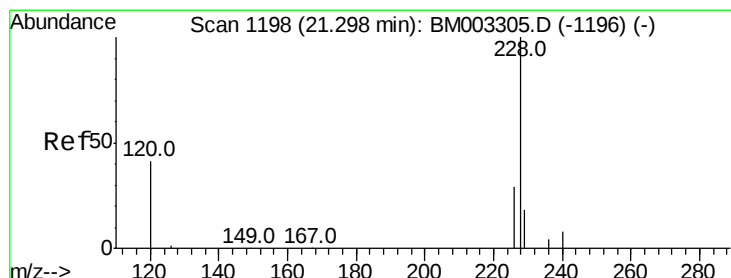
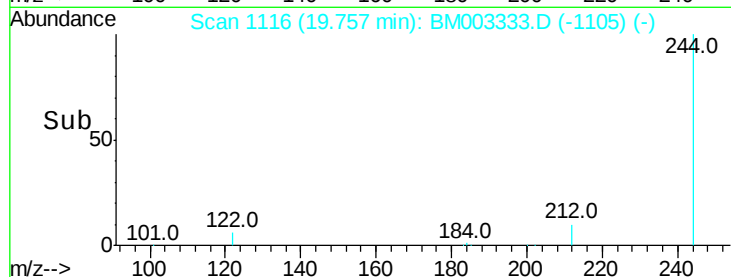
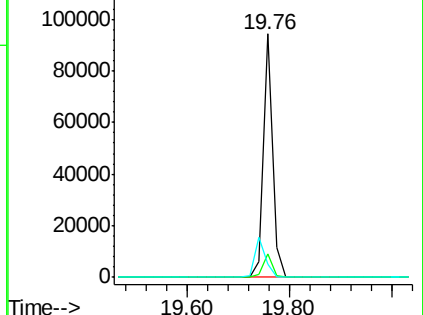
Mmdadoda
12/1/2015 6:34:00 PM



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



#30

Benzo(a)anthracene

Concen: 0.10 ng

RT: 21.29 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

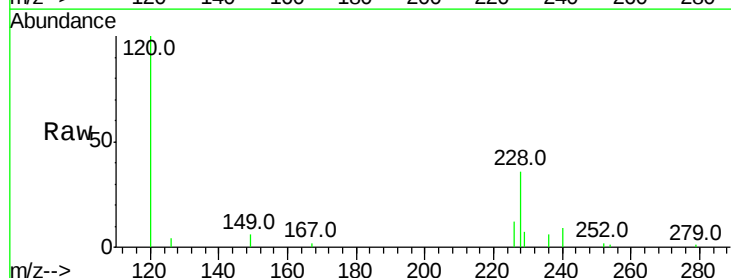
Tgt Ion:228 Resp: 4553

Ion Ratio Lower Upper

228 100

226 33.7 17.8 26.6#

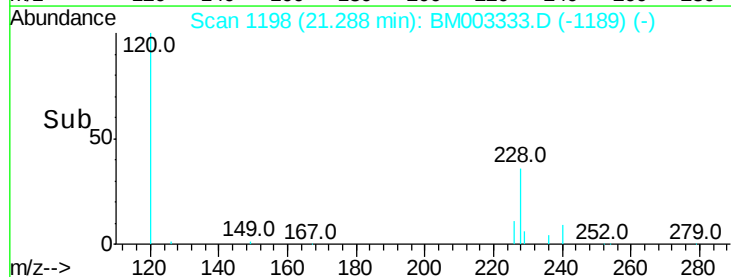
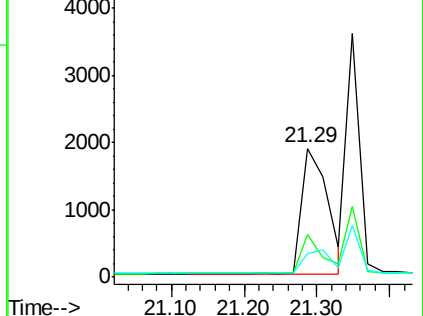
229 18.4 18.0 27.0

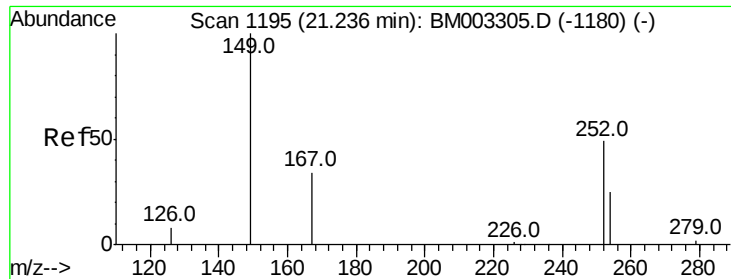


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





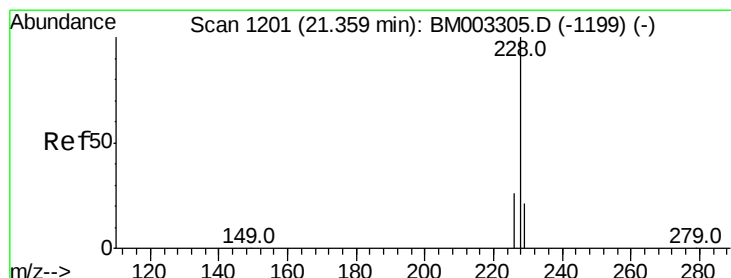
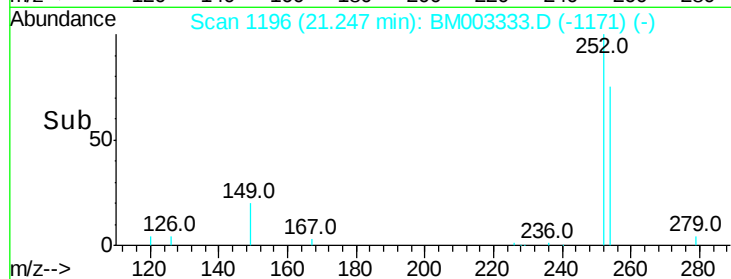
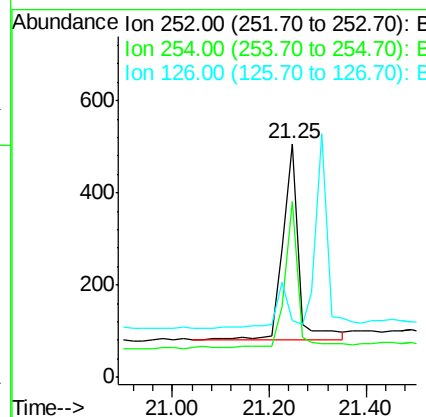
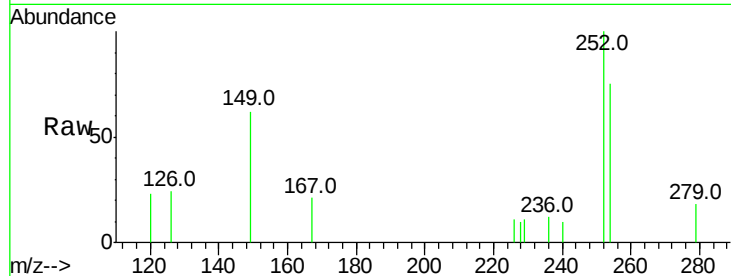
#31
 3,3'-Dichlorobenzidine
 Concen: 0.26 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM003333.D
 Acq: 30 Nov 2015 23:46

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
252	100		
254	75.5	53.7	80.5
126	24.1	2.8	4.2

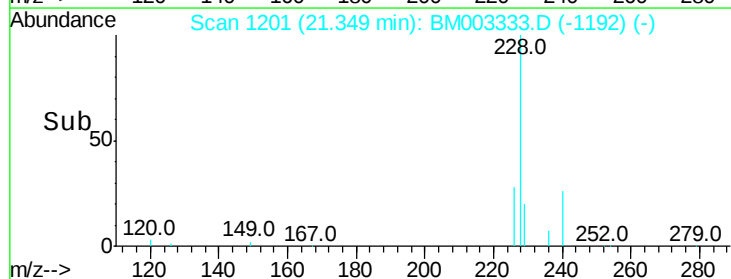
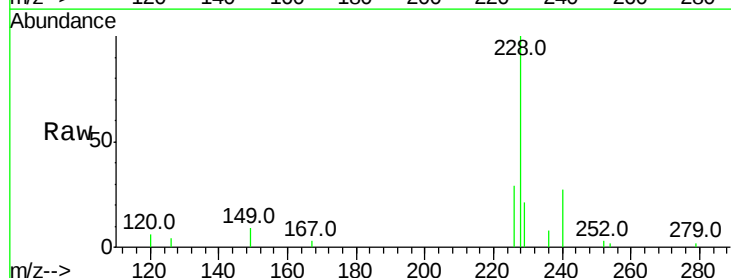
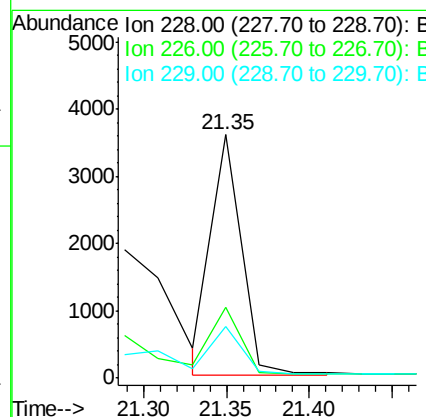
Manual Integrations
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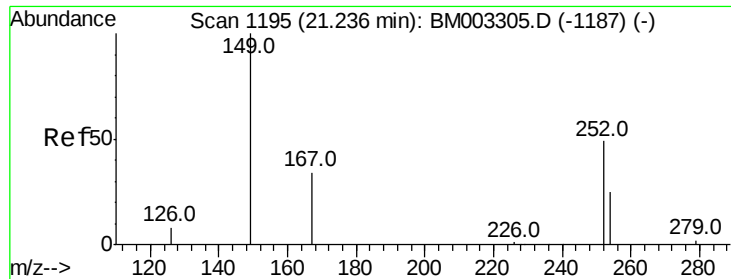
Mmdadoda
 12/1/2015 6:34:00 PM



#32
 Chrysene
 Concen: 0.10 ng m
 RT: 21.35 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BM003333.D
 Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.5	38.3
229	21.0	14.3	21.5





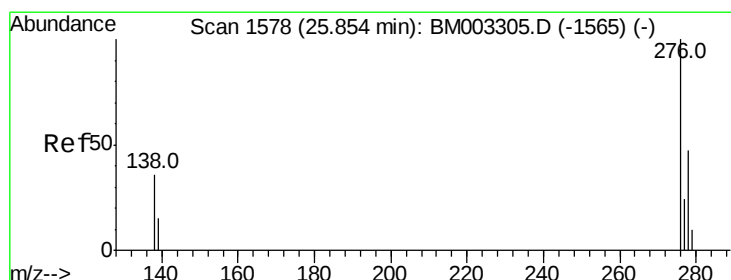
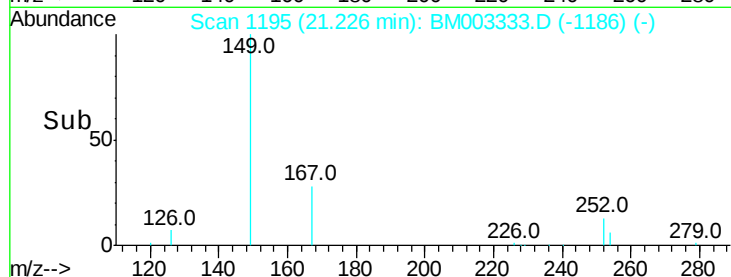
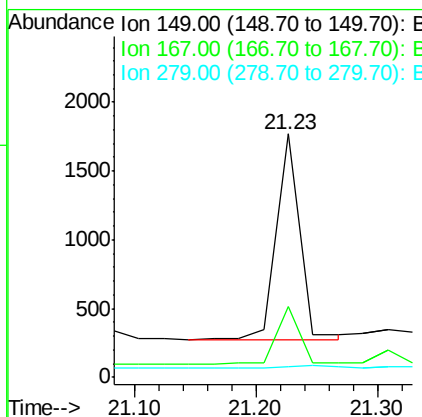
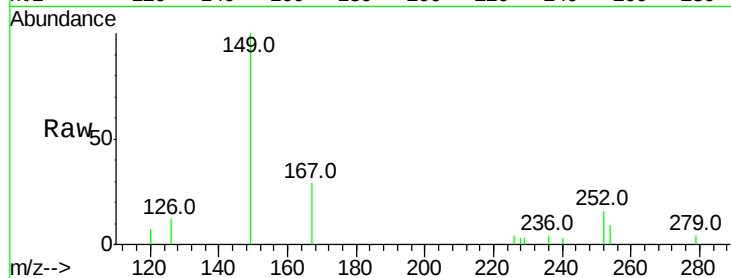
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.23 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	19.6	29.4
279	0.0	0.0	0.0

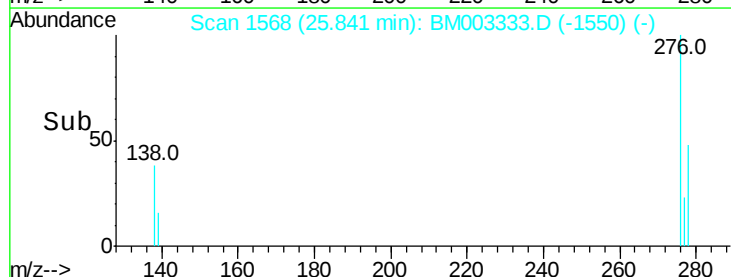
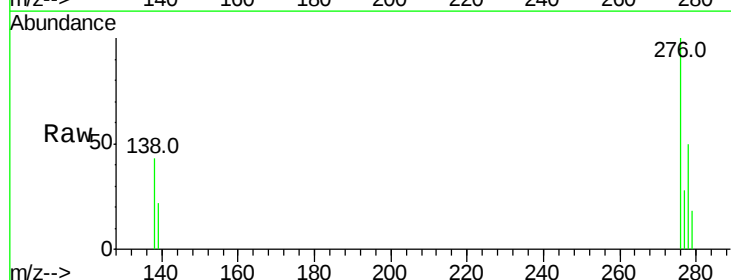
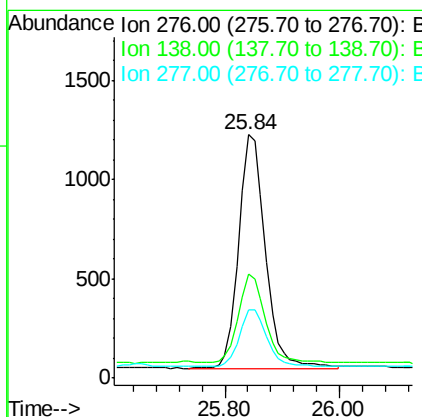
Manual Integrations
APPROVED

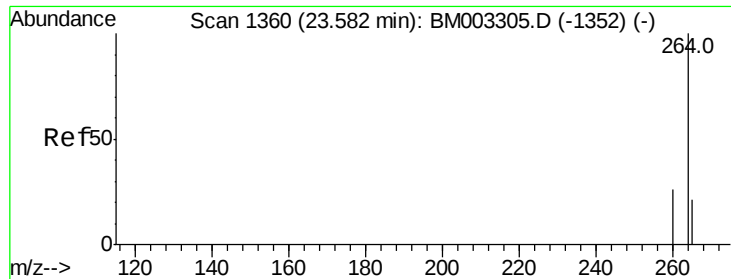
Mmdadoda
12/1/2015 6:34:00 PM



#34
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 25.84 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.0	19.1	28.7#
277	24.6	15.9	23.9#





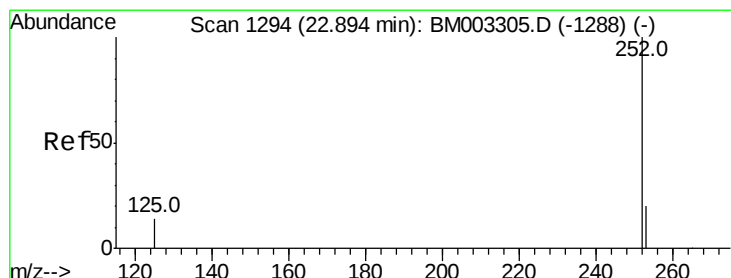
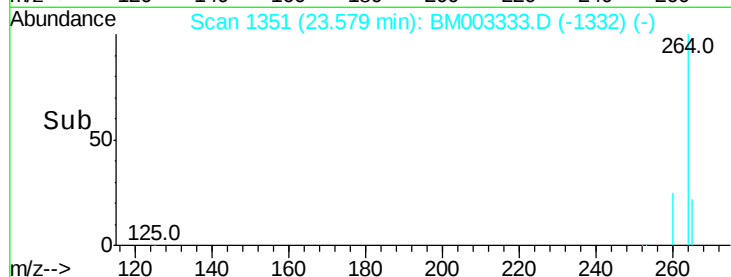
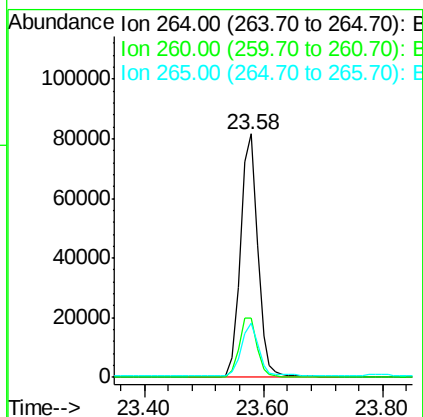
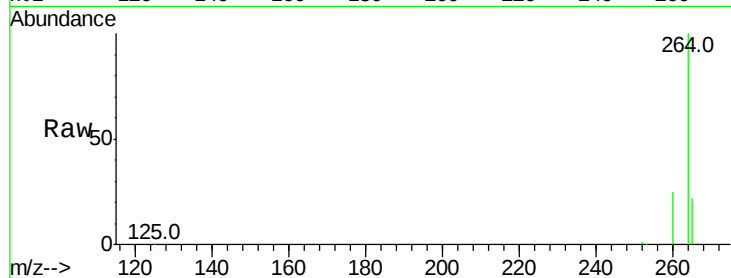
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.6	19.6	29.4	
265	22.3	18.4	27.6	

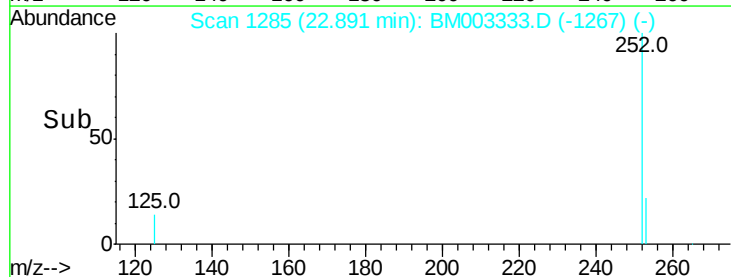
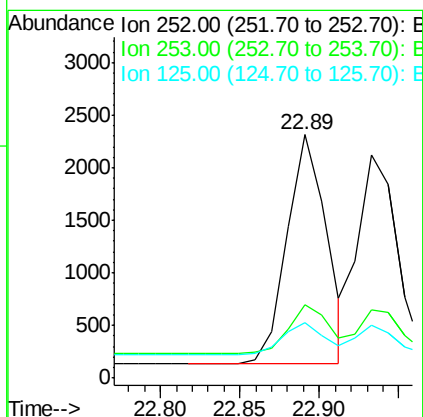
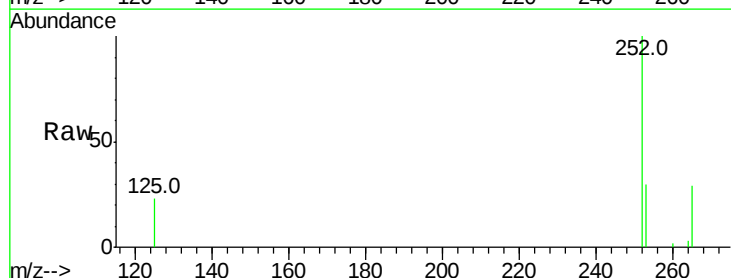
Manual Integrations
APPROVED

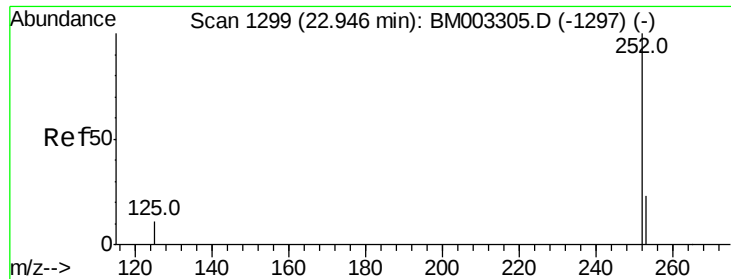
Mmdadoda
12/1/2015 6:34:00 PM



#36
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.89 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BM003333.D
Acq: 30 Nov 2015 23:46

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	30.3	18.2	27.4#	
125	22.9	10.3	15.5#	





#37

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 22.93 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

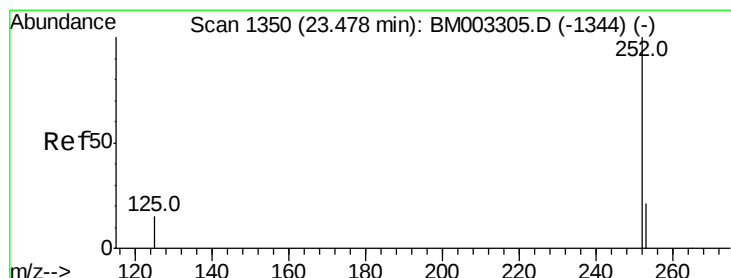
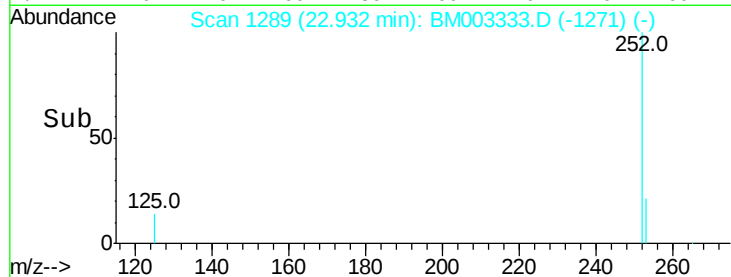
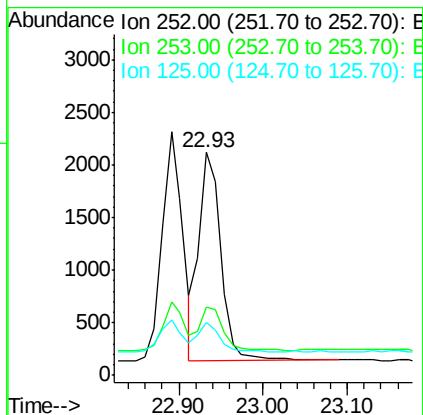
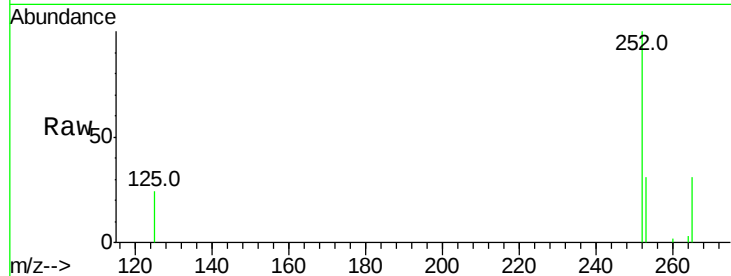
ClientSampleId :

LOD-SOIL2015-01

Tot Ion:	252	Resp:	3537
Ion Ratio	Lower	Upper	
252	100		
253	30.5	17.5	26.3#
125	23.6	10.7	16.1#

Manual Integrations
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12/1/2015 6:34:00 PM



#38

Benzo(a)pyrene

Concen: 0.08 ng

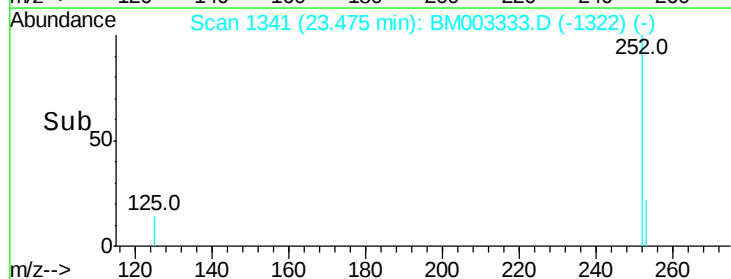
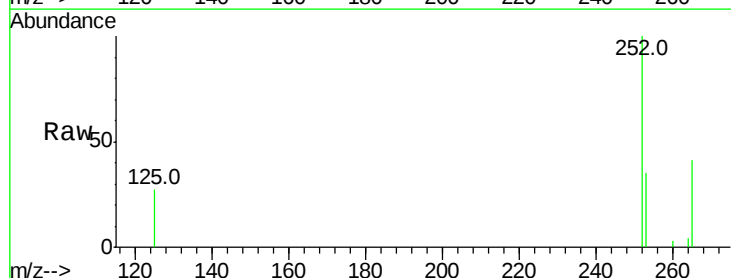
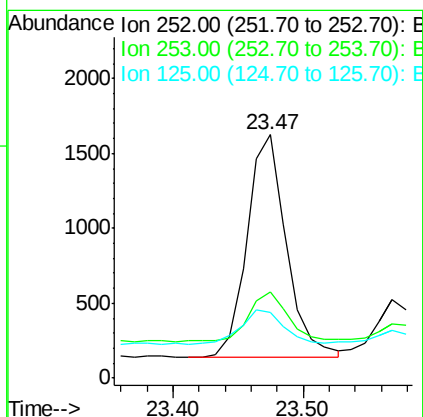
RT: 23.47 min Scan# 1341

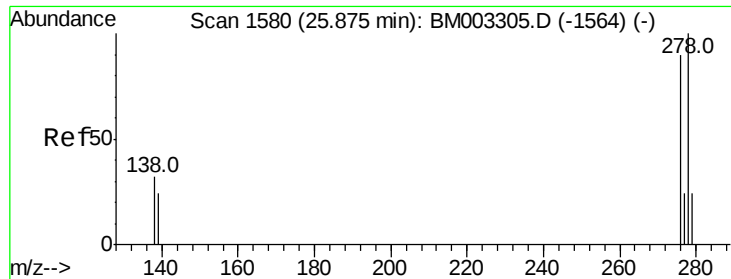
Delta R.T. -0.00 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion:	252	Resp:	3119
Ion Ratio	Lower	Upper	
252	100		
253	35.4	18.7	28.1#
125	26.9	11.6	17.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.10 ng

RT: 25.86 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM003333.D

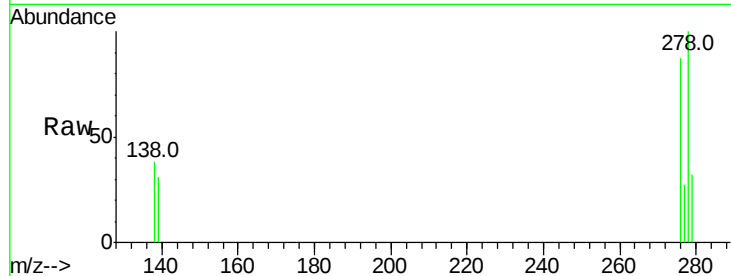
Acq: 30 Nov 2015 23:46

Instrument :

BNA_M

ClientSampleId :

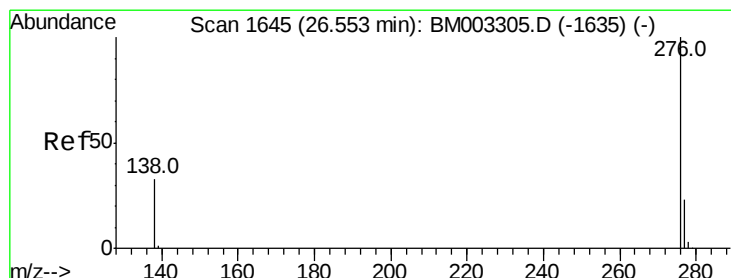
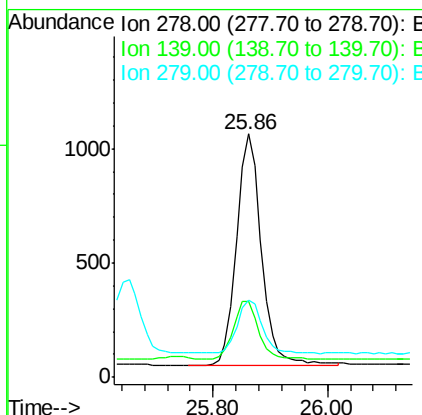
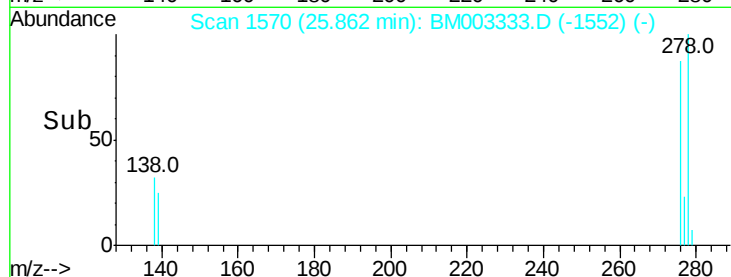
LOD-SOIL2015-01



Tot Ion:	278	Resp:	3055
Ion Ratio	Lower	Upper	
278	100		
139	31.0	18.2	27.4#
279	31.8	18.8	28.2#

Manual Integrations
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12/1/2015 6:34:00 PM



#40

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 26.54 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM003333.D

Acq: 30 Nov 2015 23:46

Tgt Ion:	276	Resp:	3433
Ion Ratio	Lower	Upper	
276	100		
277	26.8	19.0	28.6
138	38.5	22.3	33.5#

