

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
 Data File : BM003360.D
 Acq On : 02 Dec 2015 17:33
 Operator : UM/IZ
 Sample : G3707-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL2015-01

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:07:54 PM

Quant Time: Dec 03 00:30:49 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	59000	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	248462	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	124642	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	285378	5.00	ng	0.00
26) Chrysene-d12	21.32	240	206705	5.00	ng	-0.01
35) Perylene-d12	23.58	264	152453	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	82234	6.99	ng	0.00
5) Phenol-d6	6.88	99	103999	7.18	ng	0.00
8) Nitrobenzene-d5	8.88	82	39609	3.42	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	20357	6.33	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	150958	4.02	ng	0.00
29) Terphenyl-d14	19.76	244	109280	3.26	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	588	0.11	ng	# 76
3) n-Nitrosodimethylamine	3.55	42	359	0.07	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	1047	0.07	ng	97
9) Nitrobenzene	8.93	77	936m	0.07	ng	
10) Naphthalene	10.56	128	4275	0.08	ng	96
11) Hexachlorobutadiene	10.85	225	621m	0.08	ng	
12) 2-Methylnaphthalene	12.19	142	2671	0.07	ng	93
16) Acenaphthylene	14.09	152	3120	0.06	ng	98
17) Acenaphthene	14.42	154	3187	0.10	ng	# 100
18) Fluorene	15.42	166	3203	0.09	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	799	0.10	ng	92
21) Hexachlorobenzene	16.43	284	1041	0.08	ng	# 85
22) Pentachlorophenol	16.79	266	140	0.36	ng	# 80
23) Phenanthrene	17.15	178	5476m	0.10	ng	
24) Anthracene	17.25	178	4341	0.07	ng	99
25) Fluoranthene	19.18	202	4520	0.08	ng	100
27) Benzidine	19.39	184	849	0.40	ng	# 67
28) Pyrene	19.56	202	4631	0.06	ng	99
30) Benzo(a)anthracene	21.30	228	4165m	0.07	ng	
31) 3,3'-Dichlorobenzidine	21.26	252	793	0.14	ng	# 83
32) Chrysene	21.36	228	4273m	0.07	ng	
33) Bis(2-ethylhexyl)phthalate	21.24	149	1284	0.28	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.86	276	3394	0.07	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	3573	0.08	ng	# 82
37) Benzo(k)fluoranthene	22.94	252	3179	0.08	ng	# 78
38) Benzo(a)pyrene	23.47	252	2782	0.07	ng	# 73
39) Dibenzo(a,h)anthracene	25.88	278	2773	0.08	ng	# 84
40) Benzo(g,h,i)perylene	26.56	276	3113	0.09	ng	# 87

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

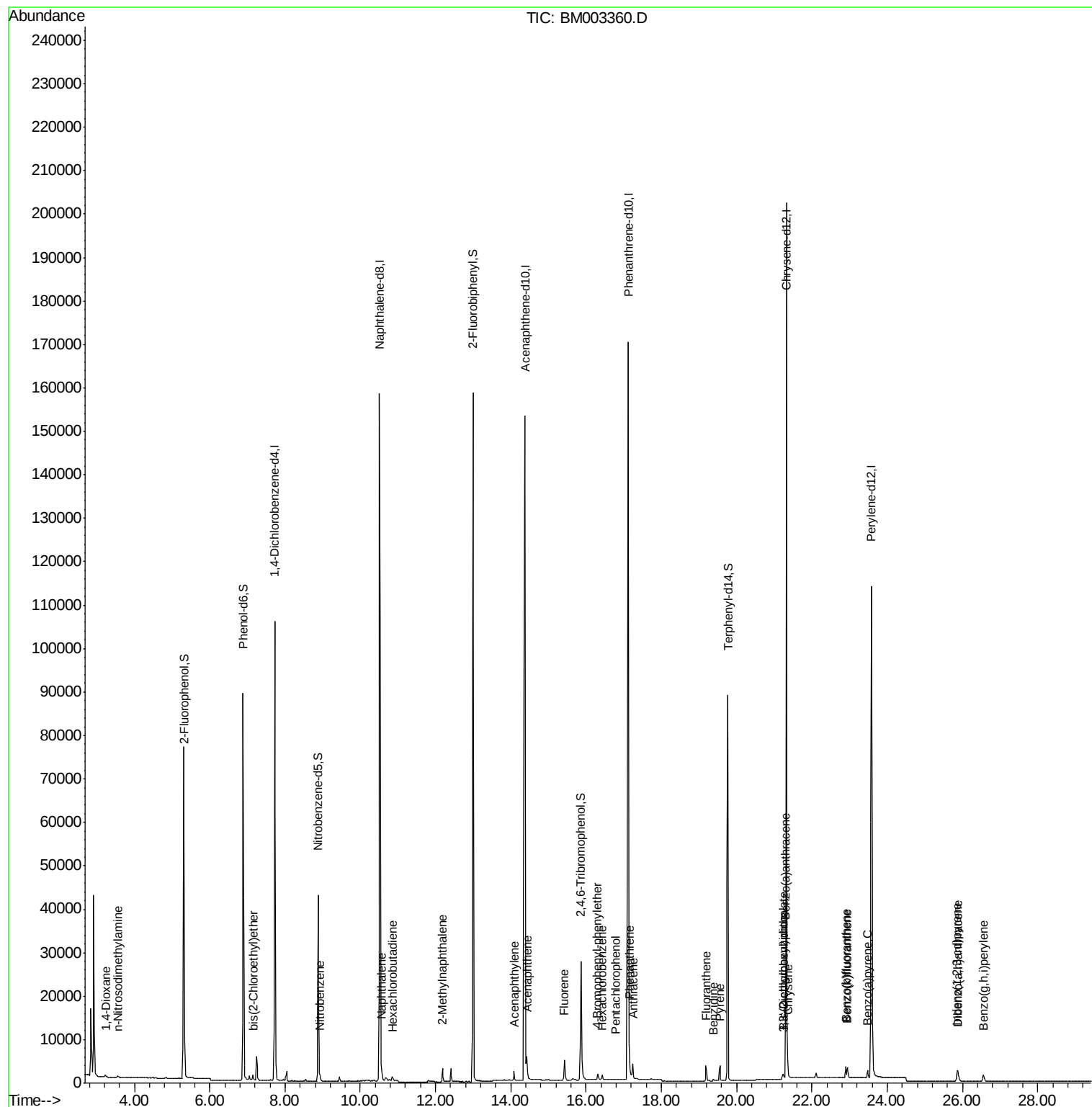
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
Data File : BM003360.D
Acq On : 02 Dec 2015 17:33
Operator : UM/IZ
Sample : G3707-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

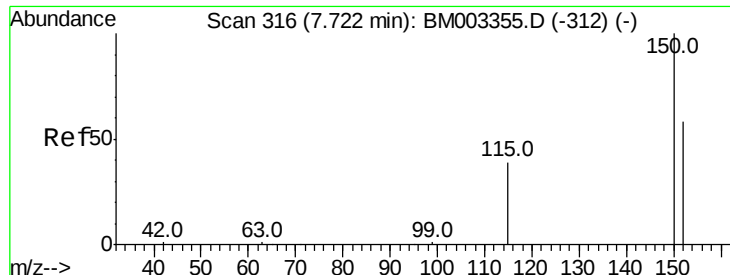
Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

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Quant Time: Dec 03 00:30:49 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:19:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. 0.00 min

Lab File: BM003360.D

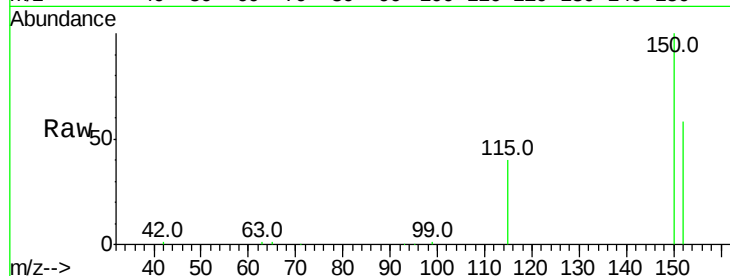
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

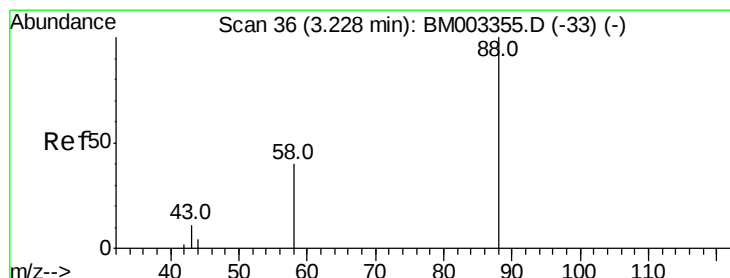
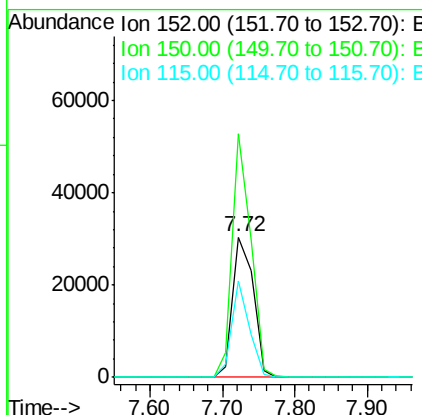
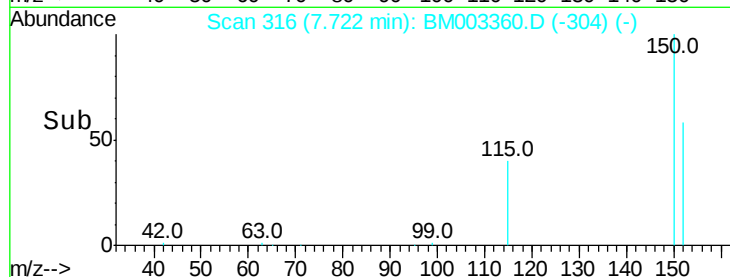
LOD-SOIL2015-01



Tot Ion:	152	Resp:	59000
Ion Ratio	Lower	Upper	
152	100		
150	173.6	143.6	215.4
115	68.8	58.5	87.7

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#2

1,4-Dioxane

Concen: 0.11 ng

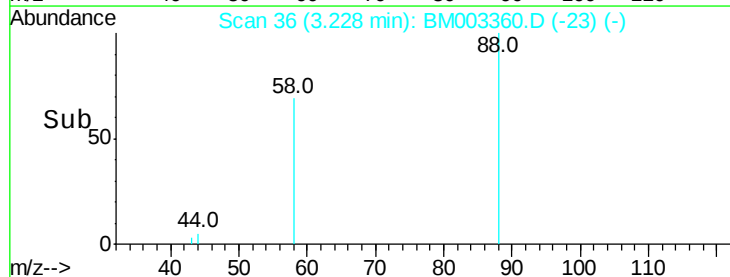
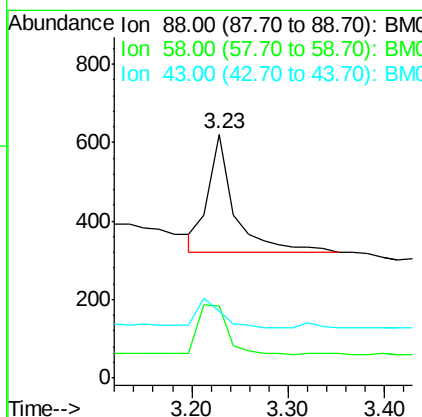
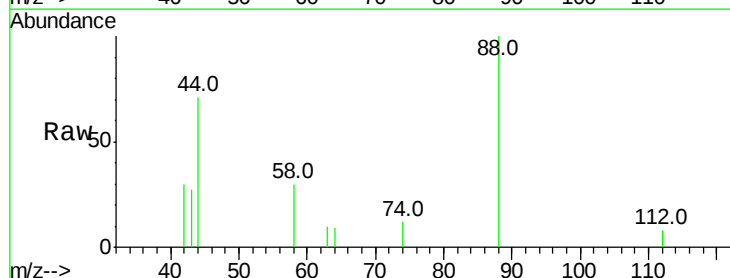
RT: 3.23 min Scan# 36

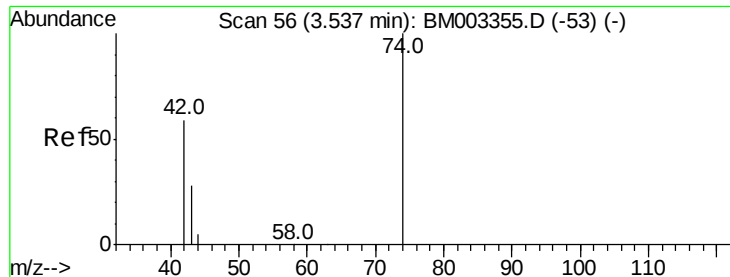
Delta R.T. 0.00 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion:	88	Resp:	588
Ion Ratio	Lower	Upper	
88	100		
58	45.2	55.2	82.8#
43	22.3	21.8	32.6





#3

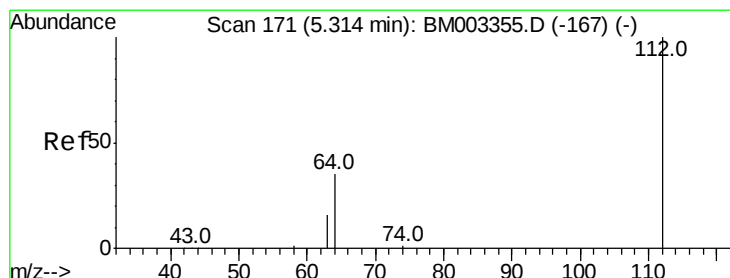
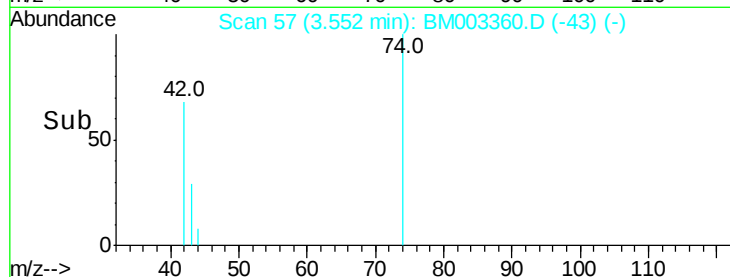
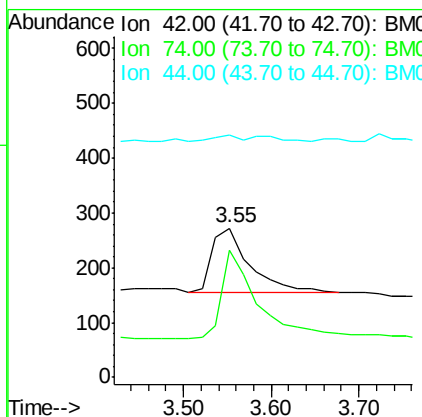
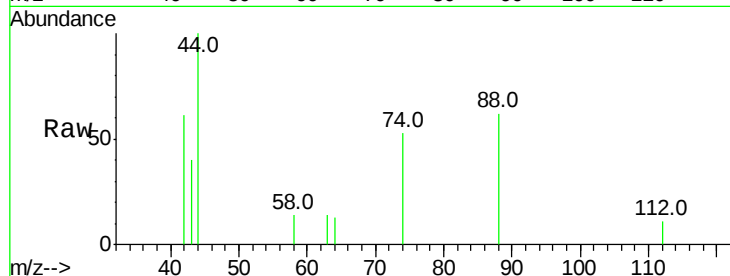
n-Nitrosodimethylamine
 Concen: 0.07 ng
 RT: 3.55 min Scan# 57
 Delta R.T. 0.02 min
 Lab File: BM003360.D
 Acq: 02 Dec 2015 17:33

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	127.6	101.0	151.4
44	9.5	6.3	9.5

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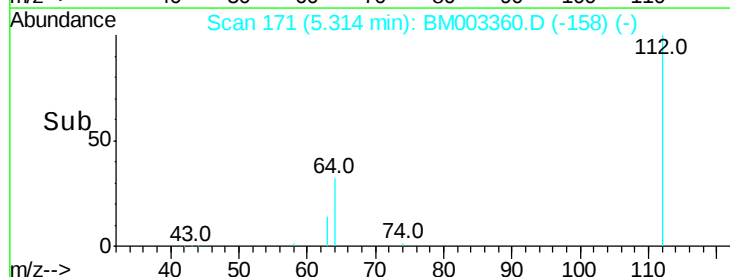
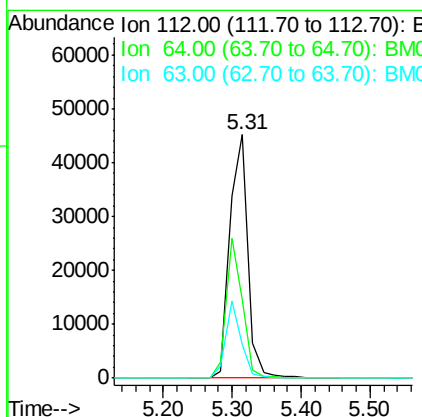
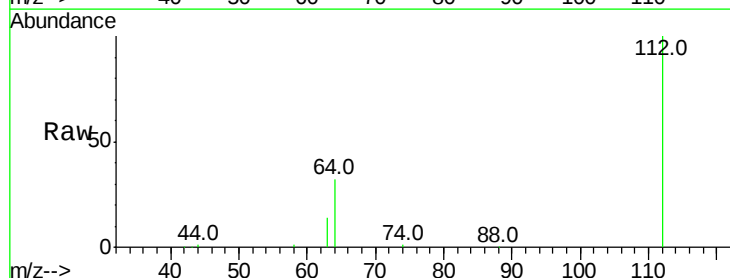
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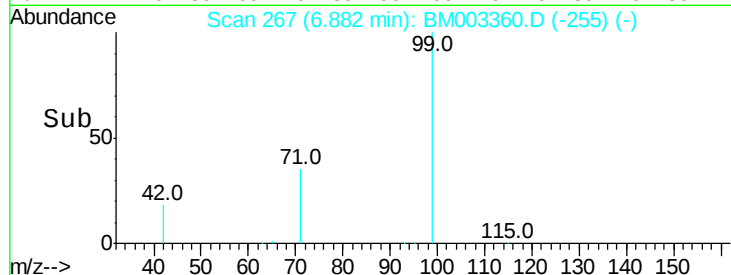
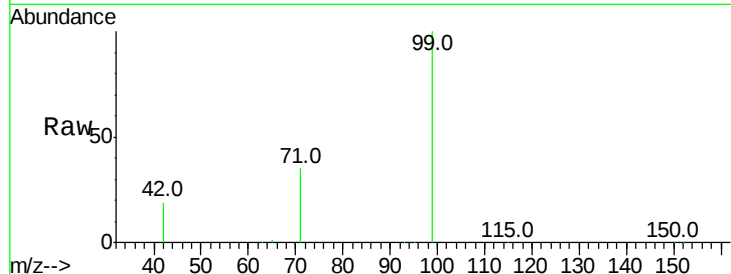
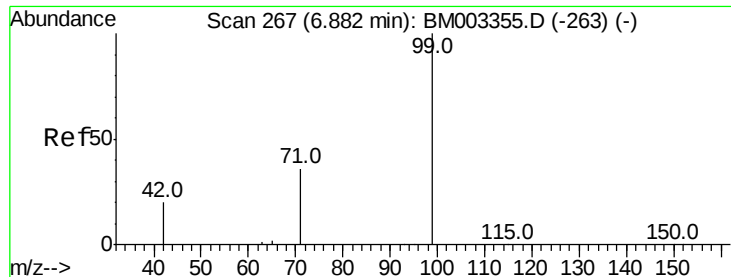


#4

2-Fluorophenol
 Concen: 6.99 ng
 RT: 5.31 min Scan# 171
 Delta R.T. 0.00 min
 Lab File: BM003360.D
 Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.2	61.8
63	26.6	21.2	31.8





#5

Phenol-d6

Concen: 7.18 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tot Ion:	99	Resp:	103999
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.6	22.0
71	29.6	23.3	34.9

Instrument :

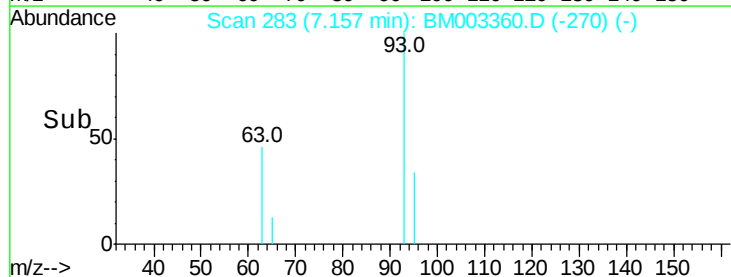
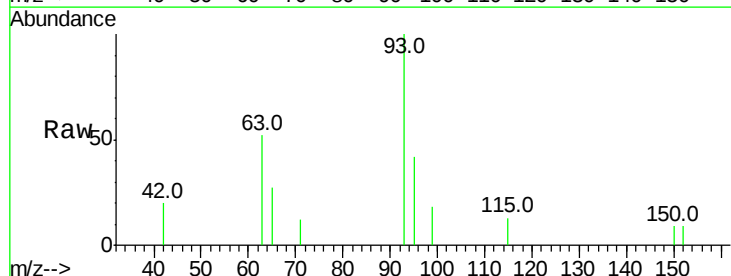
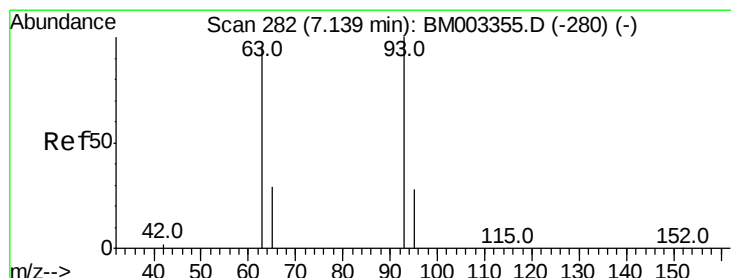
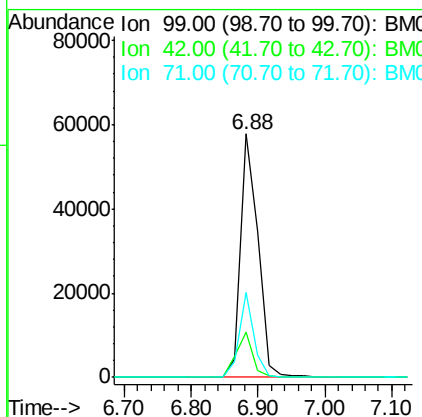
BNA_M

ClientSampleId :

LOD-SOIL2015-01

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#6

bis(2-Chloroethyl)ether

Concen: 0.07 ng

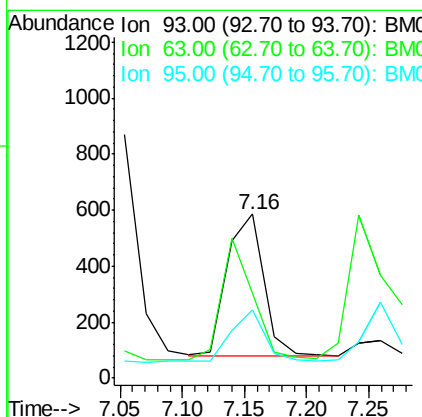
RT: 7.16 min Scan# 283

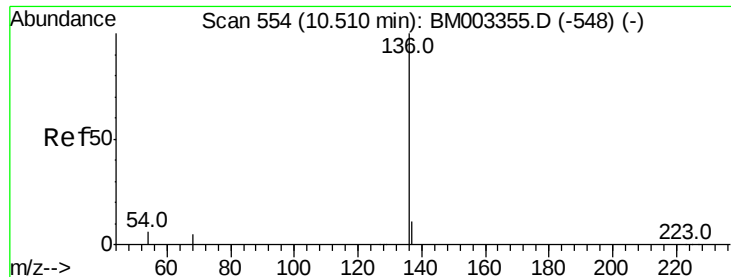
Delta R.T. 0.02 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion:	93	Resp:	1047
Ion Ratio	Lower	Upper	
93	100		
63	75.1	58.2	87.4
95	34.5	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM003360.D

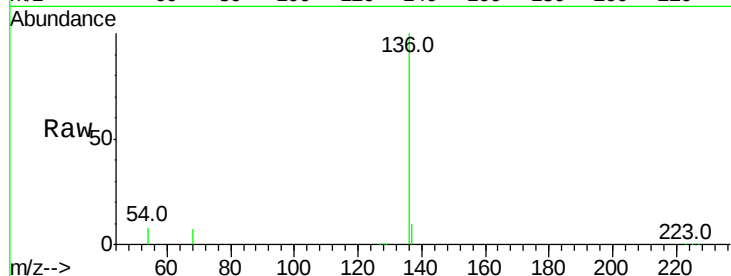
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

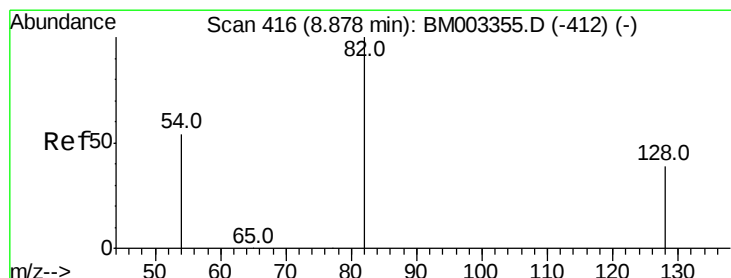
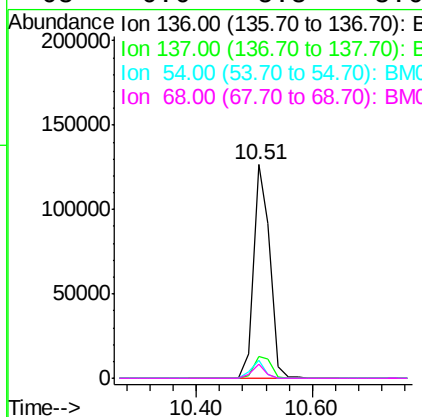
LOD-SOIL2015-01



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.1	8.0	12.0	
54	8.4	7.4	11.0	
68	6.6	5.8	8.6	

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#8

Nitrobenzene-d5

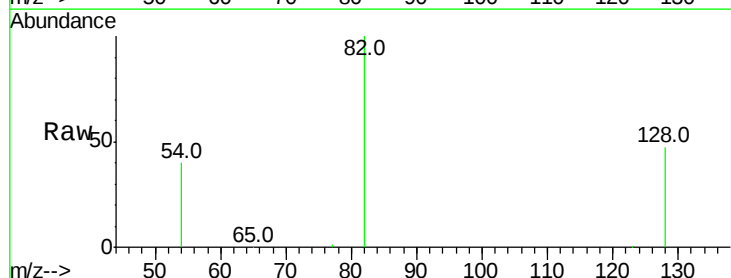
Concen: 3.42 ng

RT: 8.88 min Scan# 416

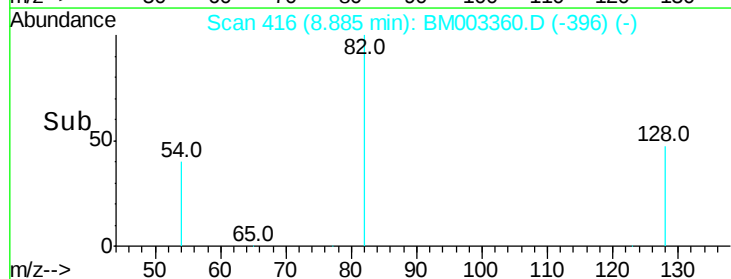
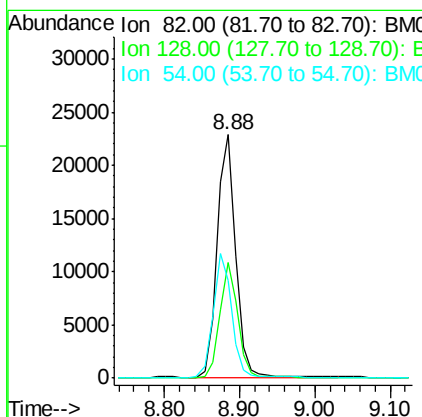
Delta R.T. 0.01 min

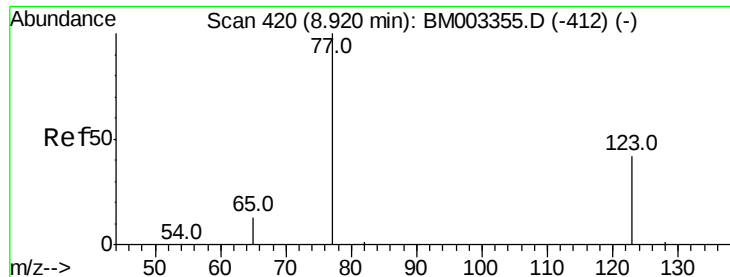
Lab File: BM003360.D

Acq: 02 Dec 2015 17:33



Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	35.2	52.8	
54	40.3	36.4	54.6	





#9

Nitrobenzene

Concen: 0.07 ng m

RT: 8.93 min Scan# 420

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01

Tot Ion: 77 Resp: 936

Ion Ratio Lower Upper

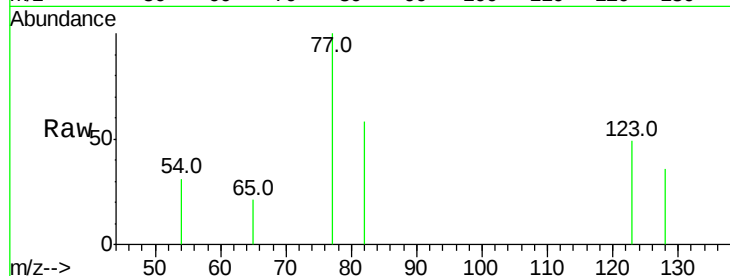
77 100

123 48.7 37.7 56.5

65 18.5 9.8 14.6#

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Abundance Ion 77.00 (76.70 to 77.70): BM003355.D (-412) (-)

Ion 123.00 (122.70 to 123.70): BM003355.D (-412) (-)

Ion 65.00 (64.70 to 65.70): BM003355.D (-412) (-)

8.93

600

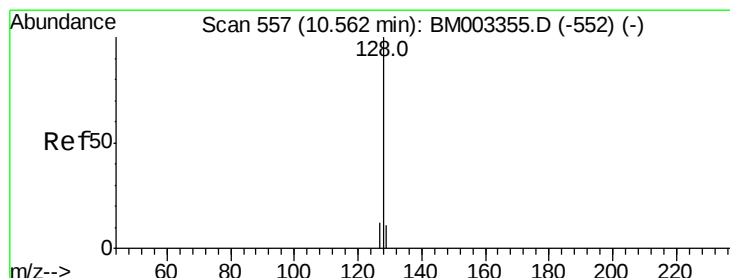
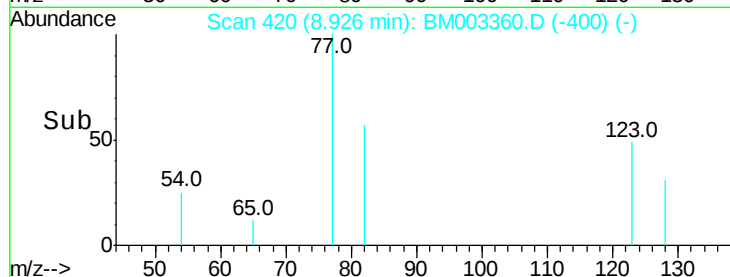
400

200

0

8.85 8.90 8.95 9.00

Time-->



#10

Naphthalene

Concen: 0.08 ng

RT: 10.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

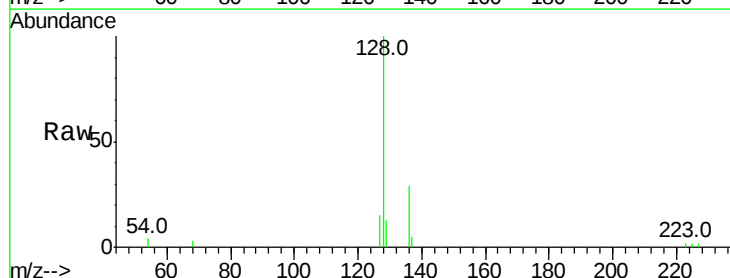
Tgt Ion: 128 Resp: 4275

Ion Ratio Lower Upper

128 100

129 12.7 8.5 12.7

127 14.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BM003355.D (-552) (-)

Ion 129.00 (128.70 to 129.70): BM003355.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003355.D (-552) (-)

10.56

3000

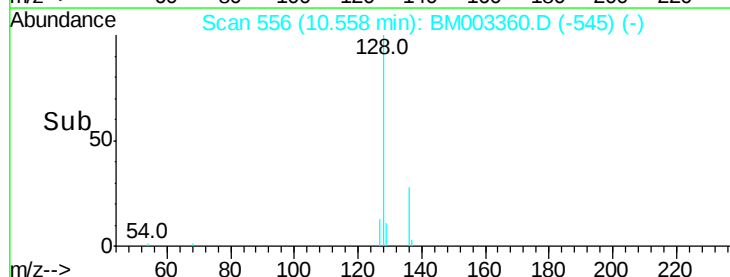
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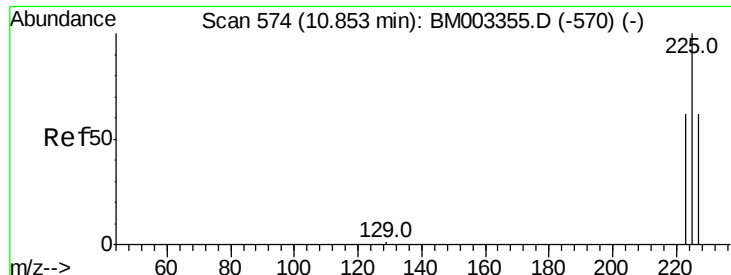
1000

0

10.40 10.60

Time-->





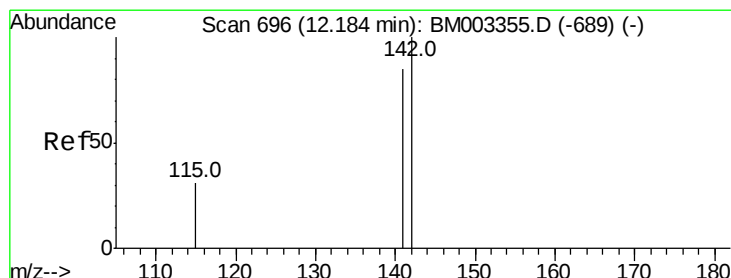
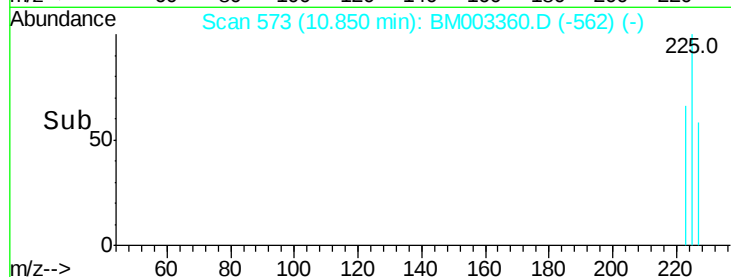
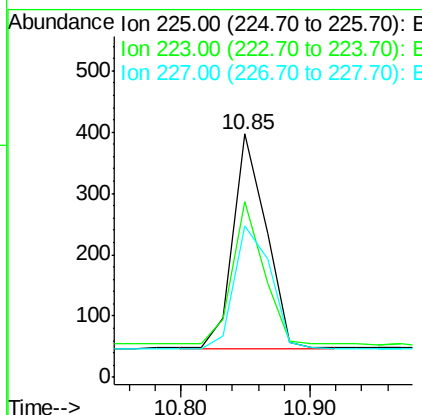
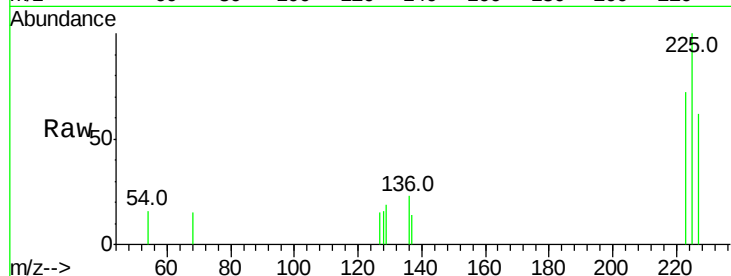
#11
Hexachlorobutadiene
Concen: 0.08 ng m
RT: 10.85 min Scan# 573
Delta R.T. -0.00 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:225 Resp: 621
Ion Ratio Lower Upper
225 100
223 170.2 53.0 79.4#
227 62.6 52.2 78.4

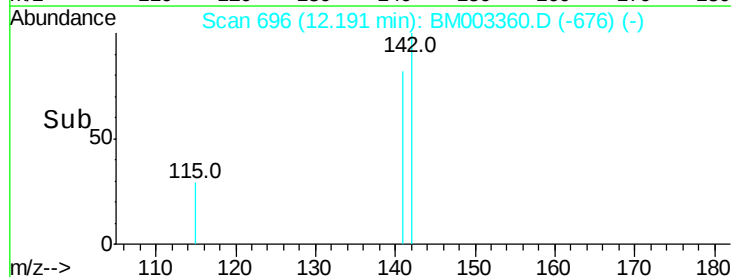
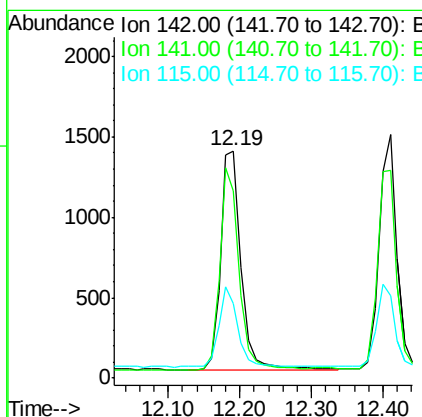
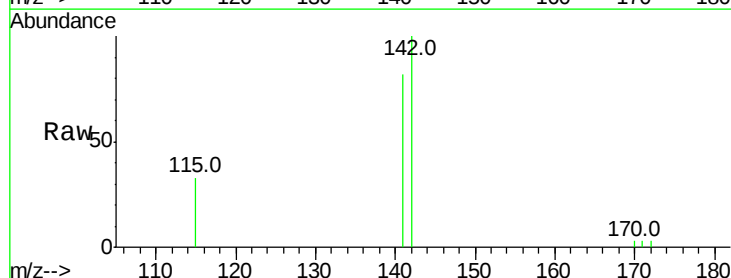
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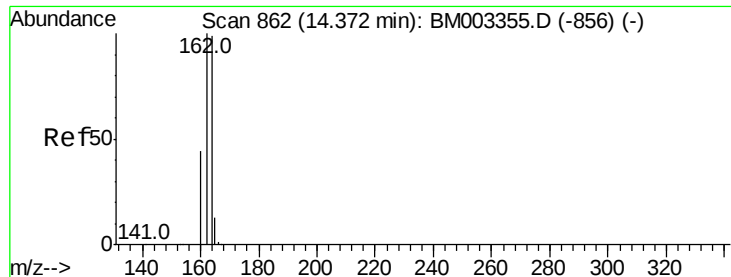
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#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.19 min Scan# 696
Delta R.T. 0.01 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Tgt Ion:142 Resp: 2671
Ion Ratio Lower Upper
142 100
141 82.2 72.2 108.2
115 32.7 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 862

Delta R.T. 0.01 min

Lab File: BM003360.D

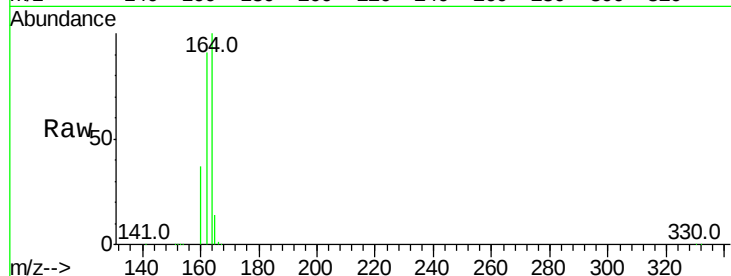
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01



Tot Ion:164 Resp: 124642

Ion Ratio Lower Upper

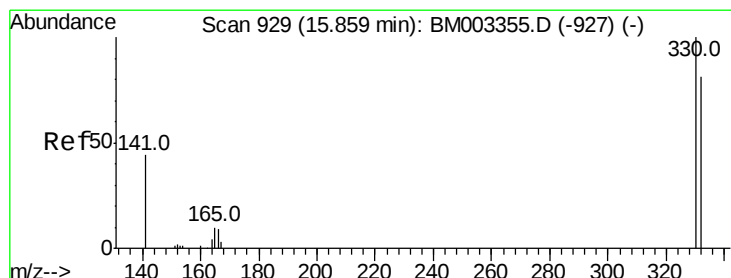
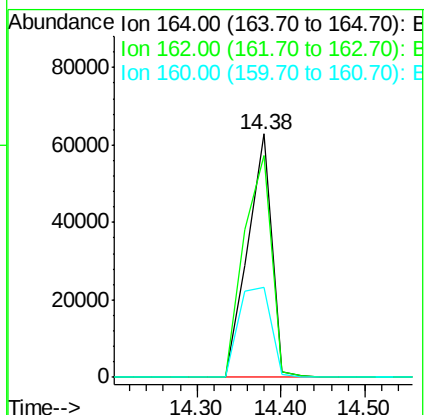
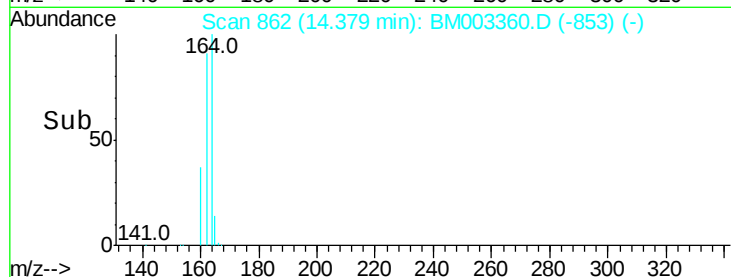
164 100

162 90.9 78.3 117.5

160 37.0 33.8 50.6

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#14

2,4,6-Tribromophenol

Concen: 6.33 ng

RT: 15.87 min Scan# 929

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

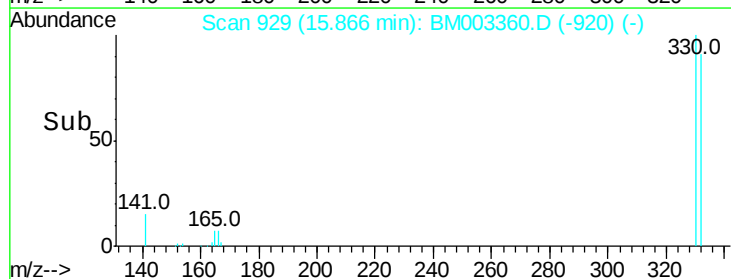
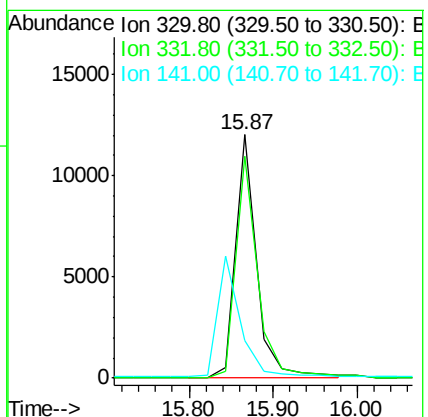
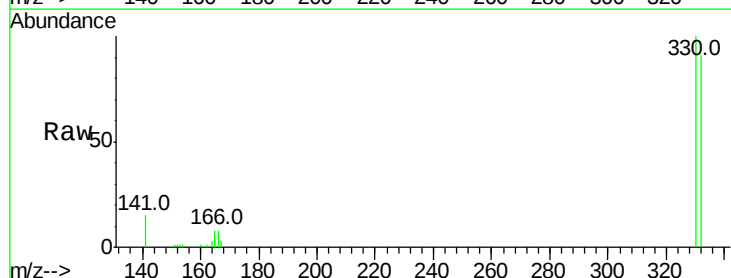
Tgt Ion:330 Resp: 20357

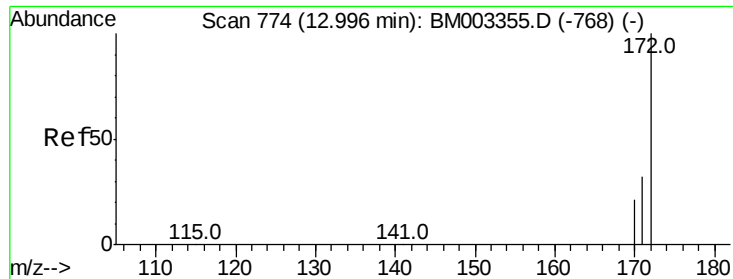
Ion Ratio Lower Upper

330 100

332 94.3 76.0 114.0

141 0.0 0.0 0.0





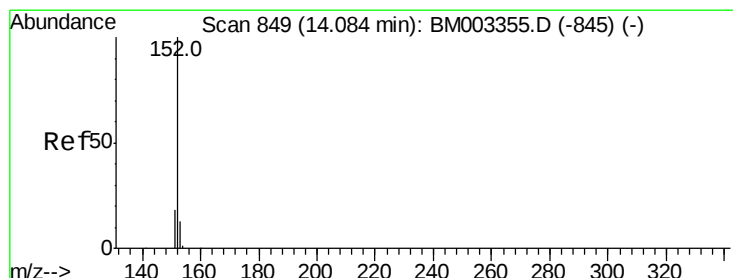
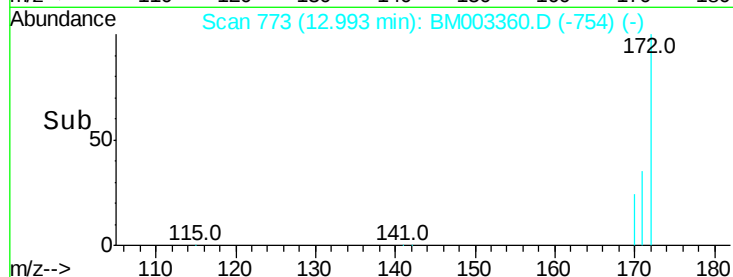
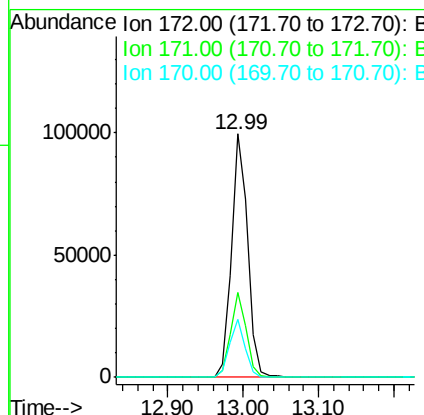
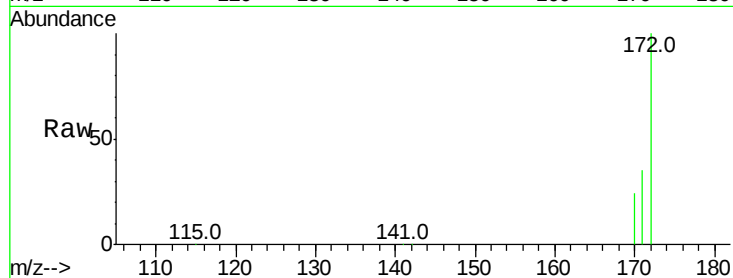
#15
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.99 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion:	172	Resp:	150958
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.0	42.0
170	23.8	18.9	28.3

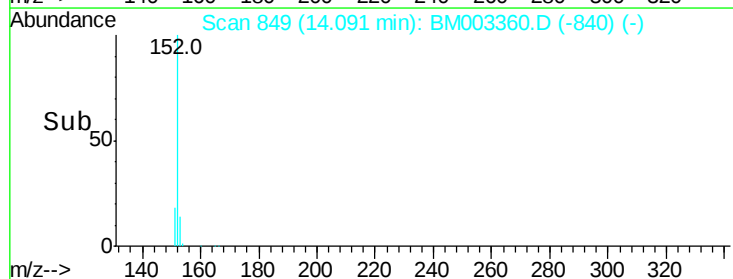
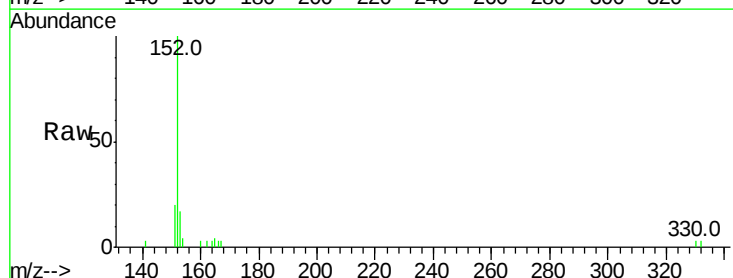
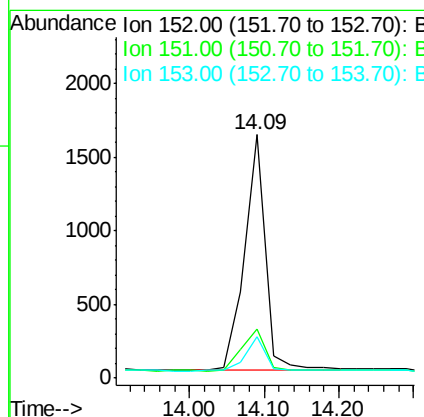
Manual Integrations
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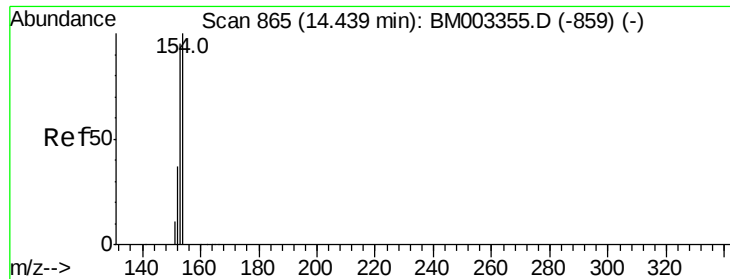
Mmdadoda
12/3/2015 7:07:54 PM



#16
Acenaphthylene
Concen: 0.06 ng
RT: 14.09 min Scan# 849
Delta R.T. 0.01 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Tgt Ion:	152	Resp:	3120
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.2	22.8
153	13.7	10.4	15.6





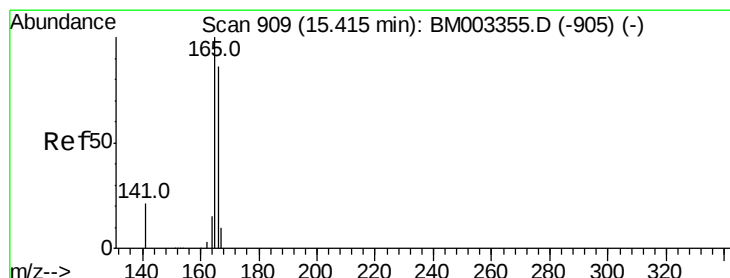
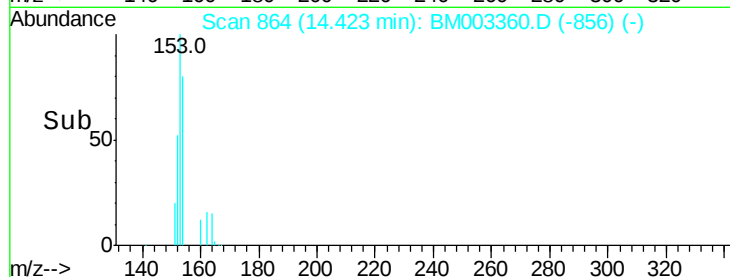
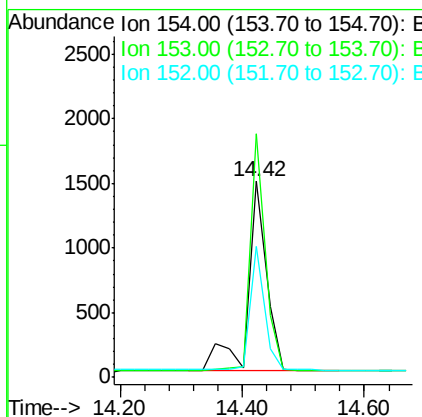
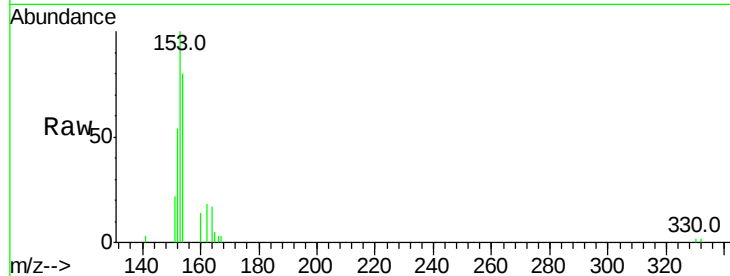
#17
Acenaphthene
Concen: 0.10 ng
RT: 14.42 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
154	100		
153	98.2	0.0	0.0#
152	48.7	0.0	0.0#

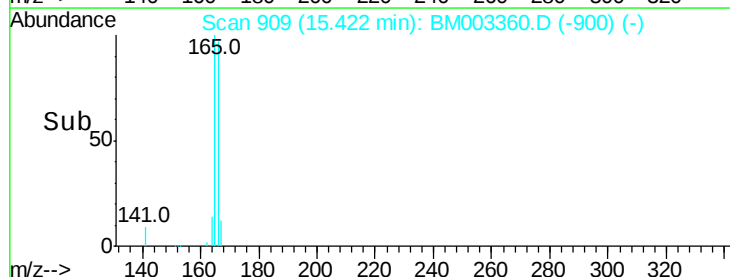
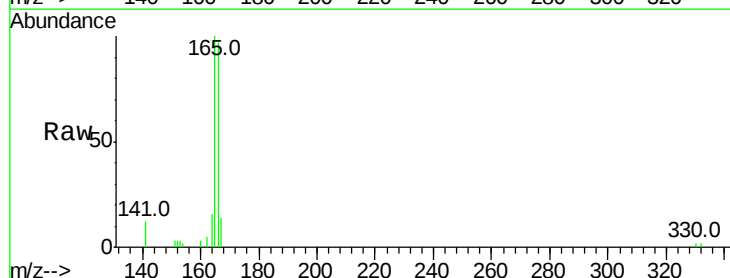
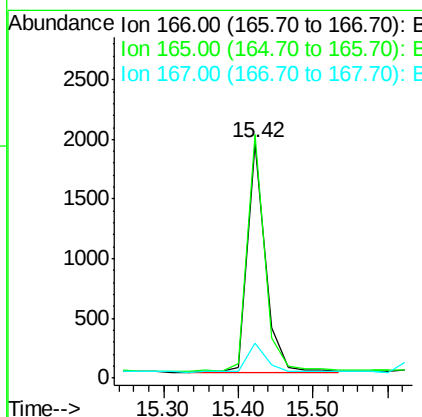
Manual Integrations
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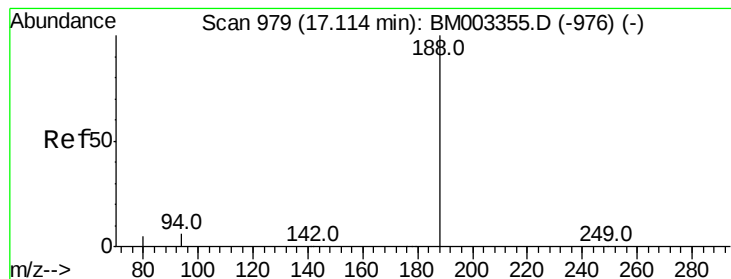
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#18
Fluorene
Concen: 0.09 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.8	121.2
167	13.2	10.5	15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01

Tot Ion:188 Resp: 285378

Ion Ratio Lower Upper

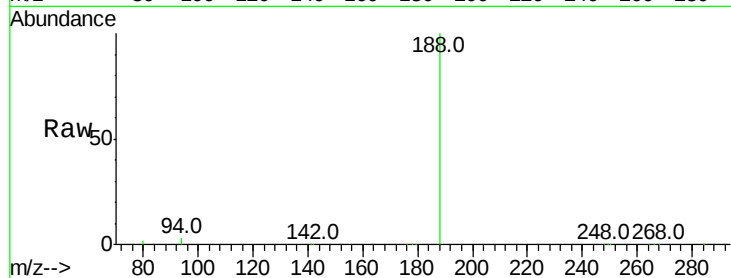
188 100

94 3.0 1.8 2.6#

80 2.3 1.4 2.0#

Manual Integrations
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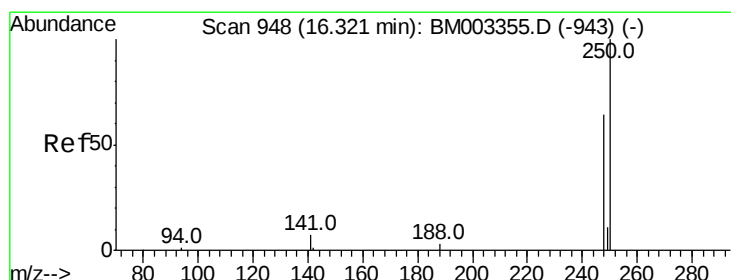
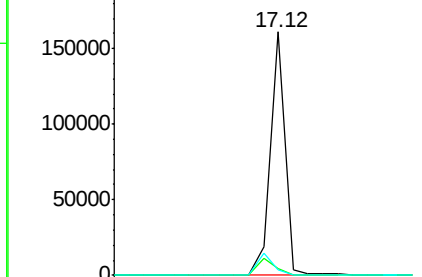
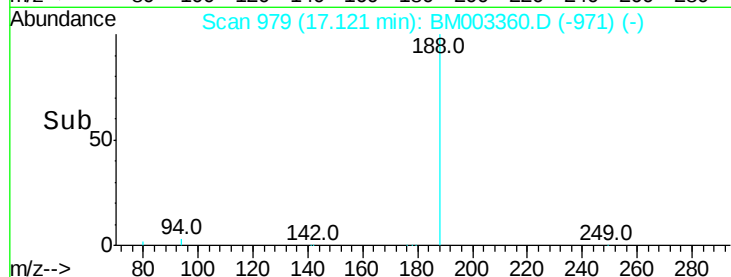
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 0.10 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

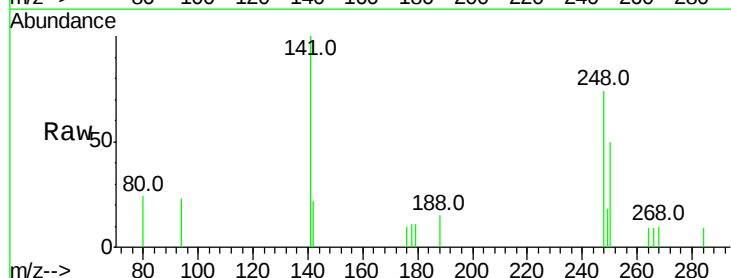
Tgt Ion:248 Resp: 799

Ion Ratio Lower Upper

248 100

250 84.9 65.4 98.0

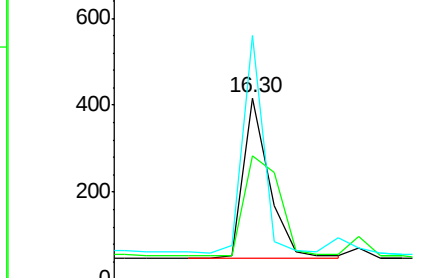
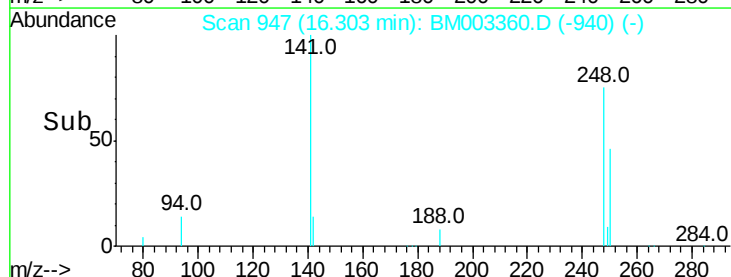
141 103.3 72.8 109.2

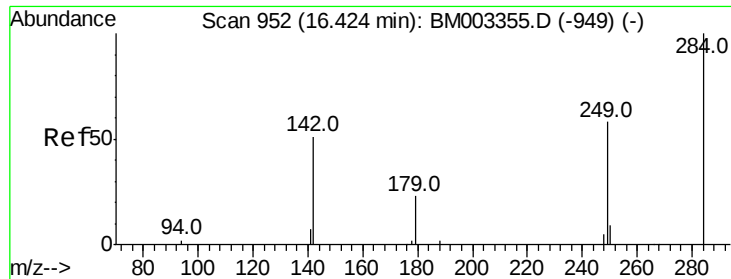


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.08 ng

RT: 16.43 min Scan# 952

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

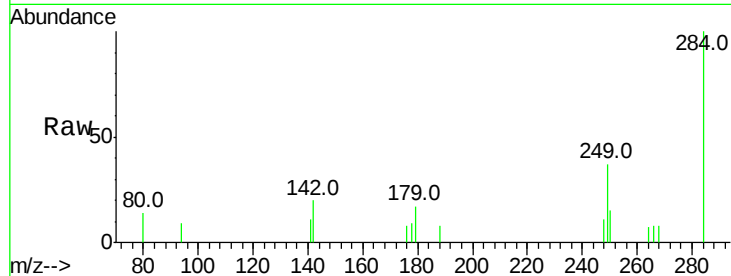
ClientSampleId :

LOD-SOIL2015-01

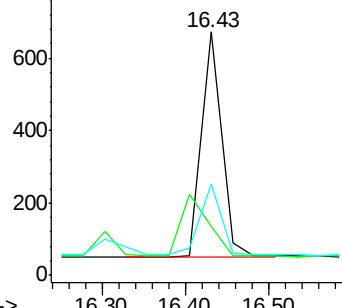
Tot Ion:	284	Resp:	1041
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	31.7	19.4	29.2#

Manual Integrations
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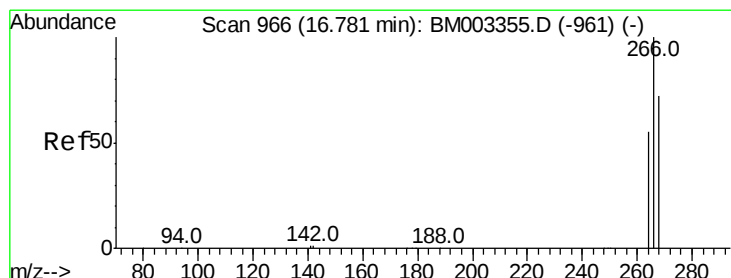
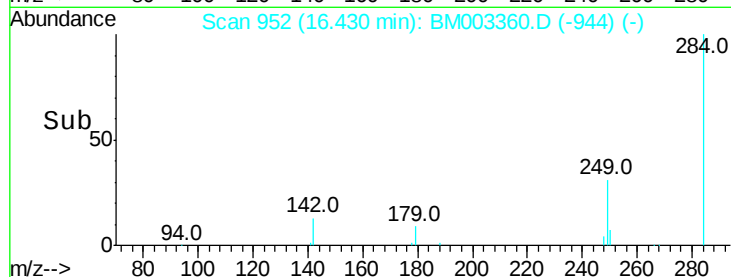
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.36 ng

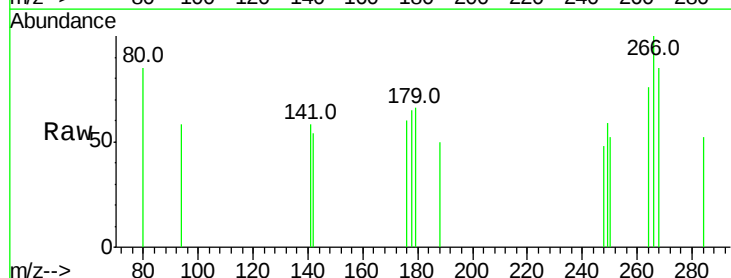
RT: 16.79 min Scan# 966

Delta R.T. 0.01 min

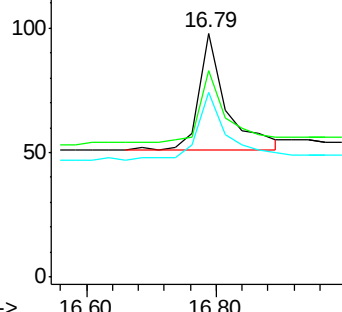
Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

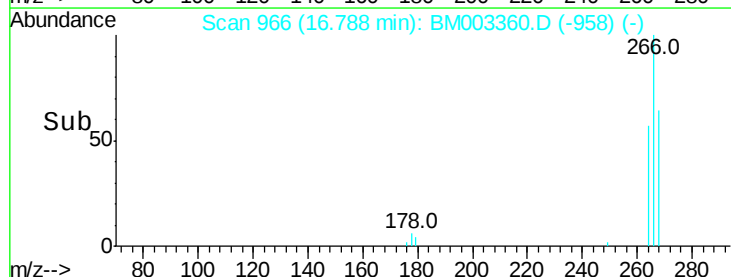
Tgt Ion:	266	Resp:	140
Ion Ratio	Lower	Upper	
266	100		
268	84.7	45.8	68.8#
264	75.5	56.7	85.1

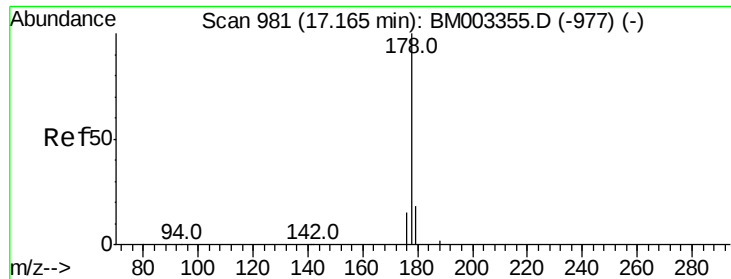


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#23

Phenanthrene

Concen: 0.10 ng m

RT: 17.15 min Scan# 980

Delta R.T. -0.02 min

Lab File: BM003360.D

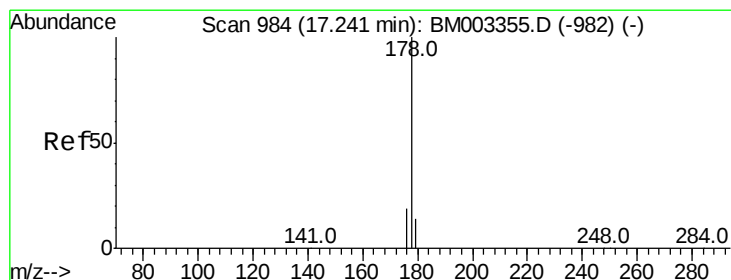
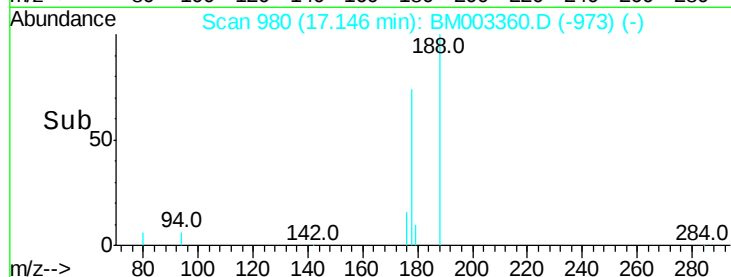
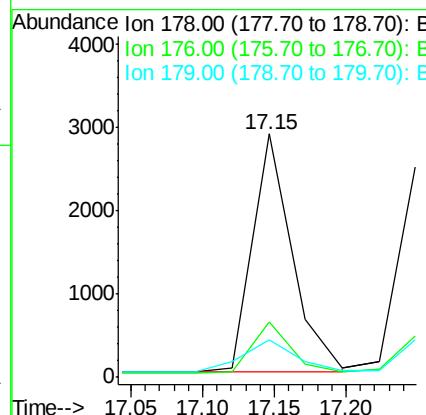
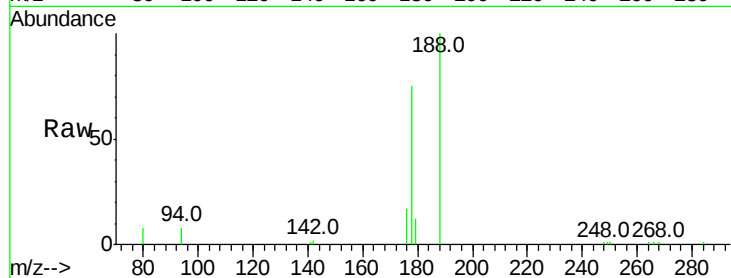
Acq: 02 Dec 2015 17:33

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	13.6	15.9	23.9#
179	11.6	11.7	17.5#

Manual Integrations
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#24

Anthracene

Concen: 0.07 ng

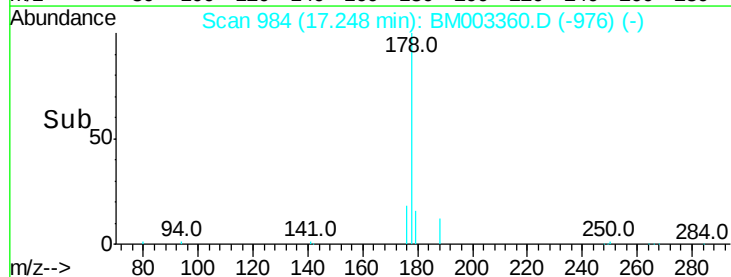
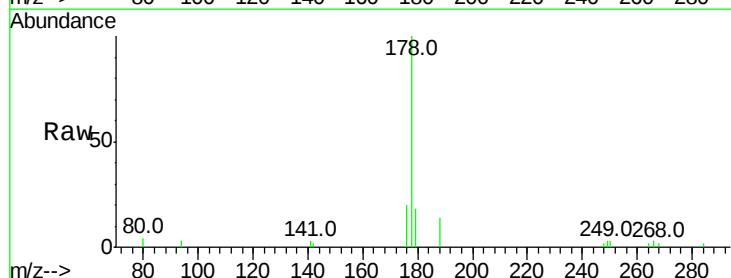
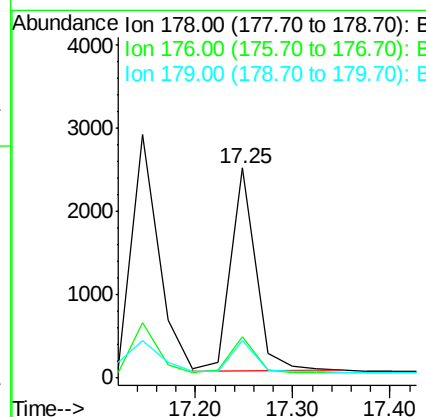
RT: 17.25 min Scan# 984

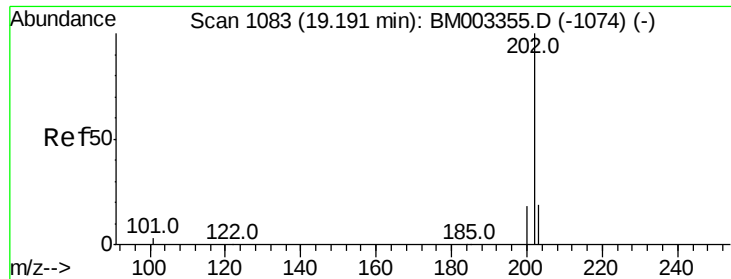
Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.1	21.1
179	15.5	12.8	19.2





#25

Fluoranthene

Concen: 0.08 ng

RT: 19.18 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

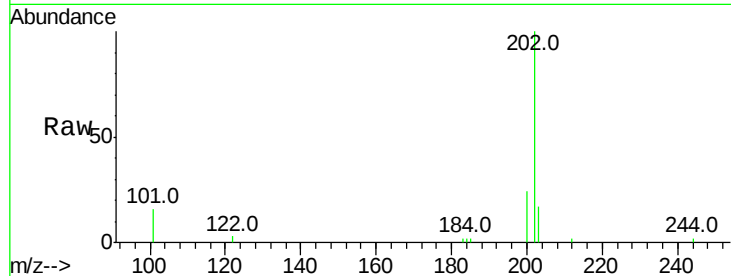
ClientSampleId :

LOD-SOIL2015-01

Tot Ion:	202	Resp:	4520
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
203	17.4	13.9	20.9

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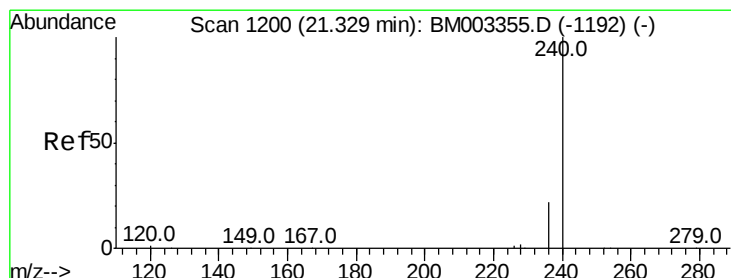
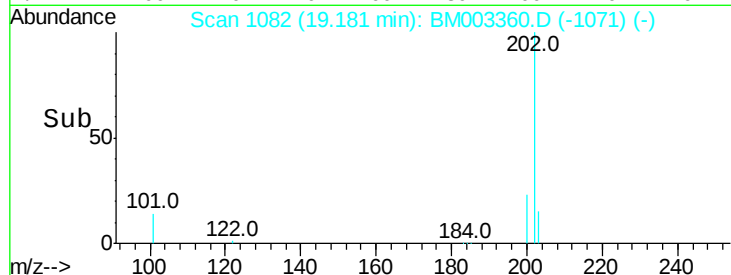
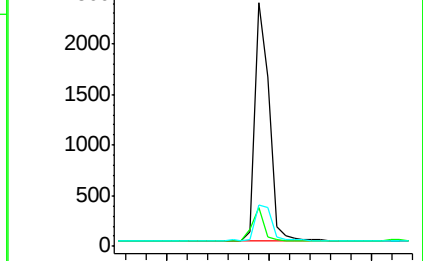
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

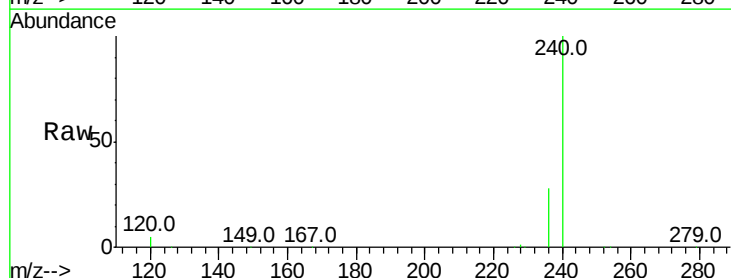
RT: 21.32 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

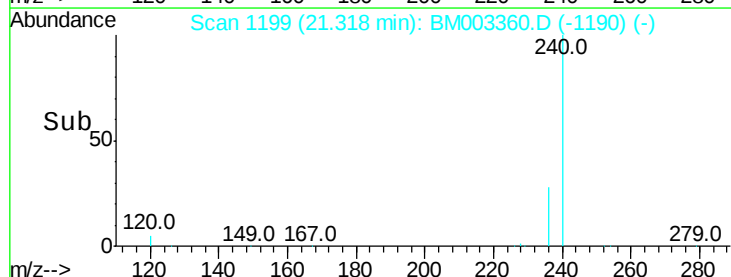
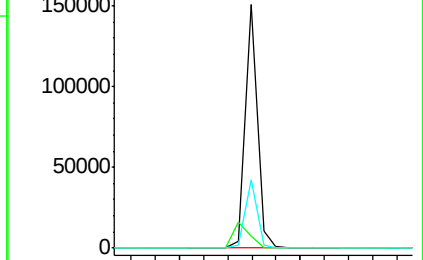
Tgt Ion:	240	Resp:	206705
Ion Ratio	Lower	Upper	
240	100		
120	5.1	1.0	1.4#
236	27.8	17.9	26.9#

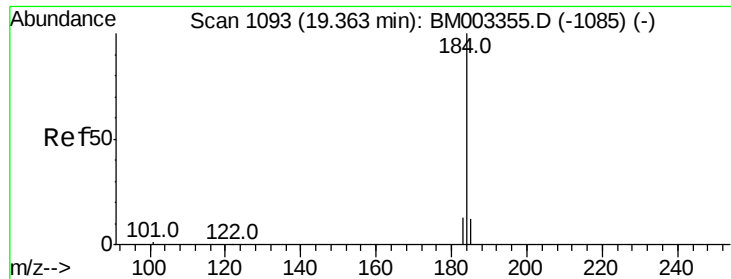


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.40 ng

RT: 19.39 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BM003360.D

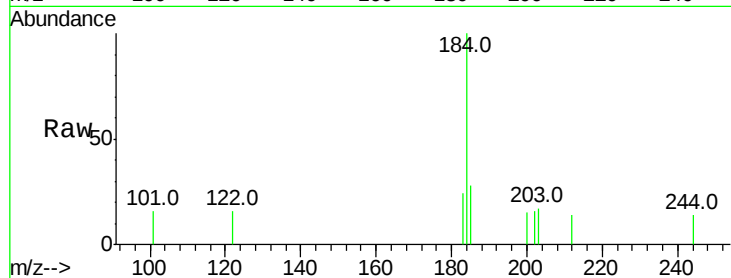
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

LOD-SOIL2015-01



Tot Ion:184 Resp: 849

Ion Ratio Lower Upper

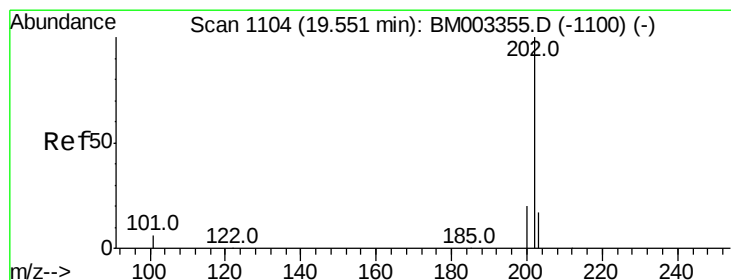
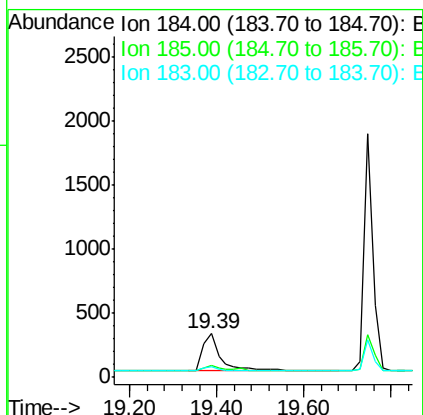
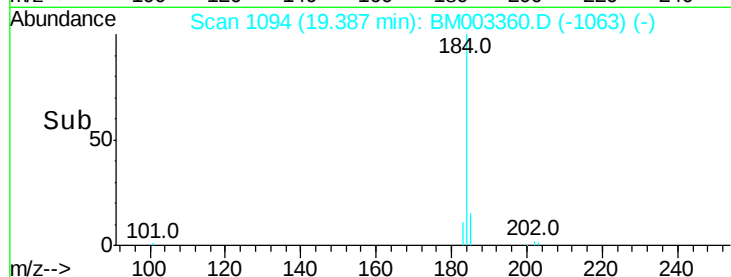
184 100

185 27.6 11.6 17.4#

183 23.5 8.6 13.0#

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#28

Pyrene

Concen: 0.06 ng

RT: 19.56 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

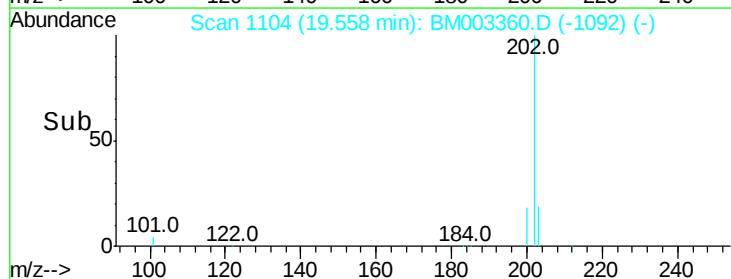
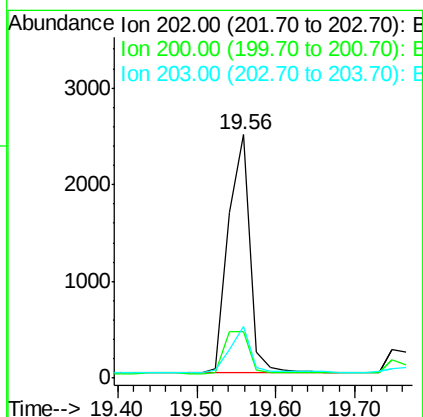
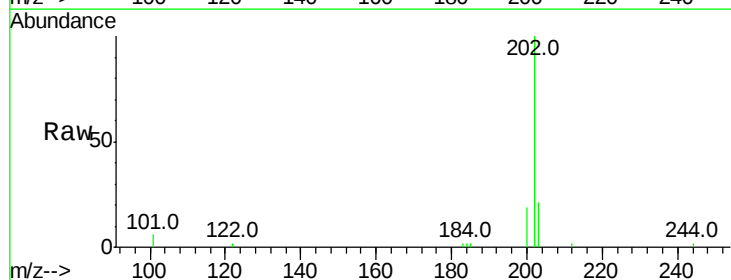
Tgt Ion:202 Resp: 4631

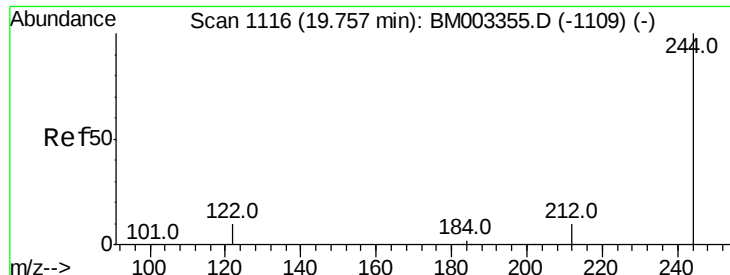
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.9 13.8 20.6





#29

Terphenyl-d14

Concen: 3.26 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM003360.D

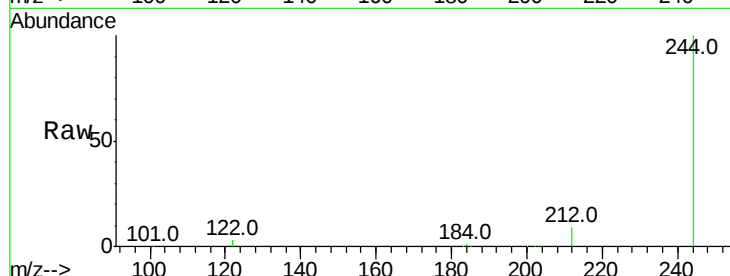
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

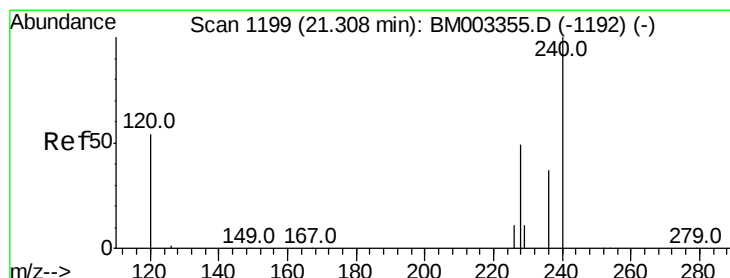
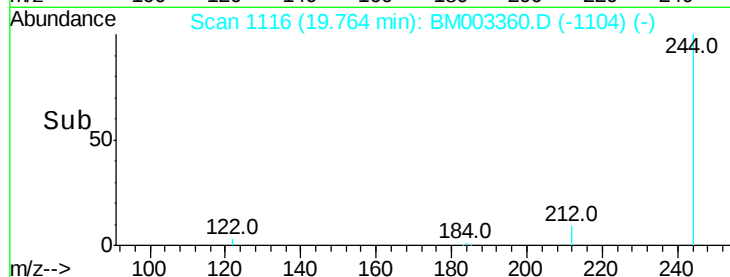
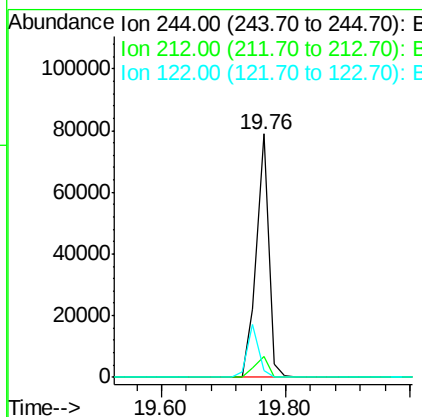
LOD-SOIL2015-01



Tot Ion:	244	Resp:	109280
Ion Ratio	Lower	Upper	
244	100		
212	8.7	6.5	9.7
122	2.7	2.0	3.0

Manual Integrations
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#30

Benzo(a)anthracene

Concen: 0.07 ng m

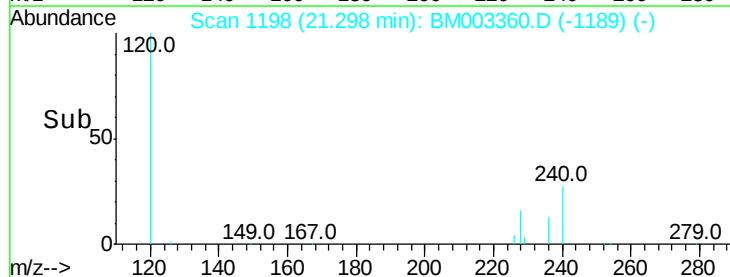
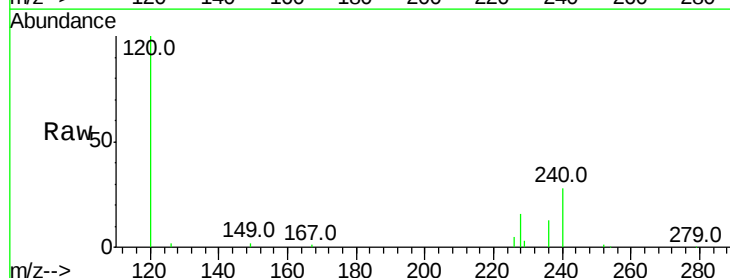
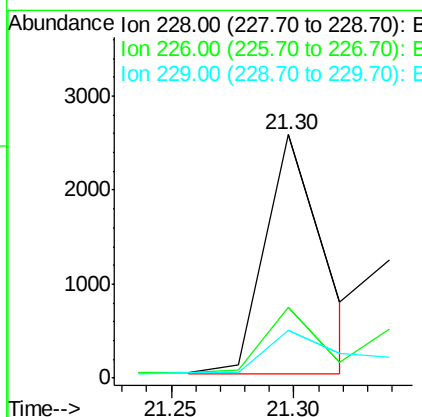
RT: 21.30 min Scan# 1198

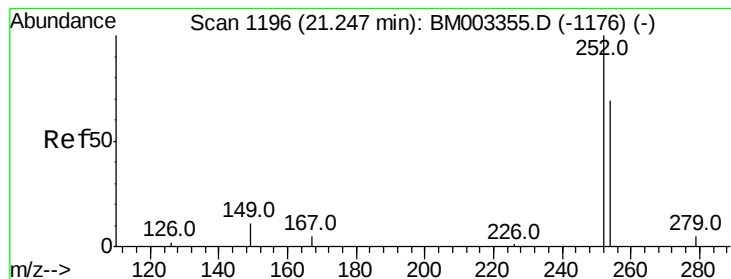
Delta R.T. -0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion:	228	Resp:	4165
Ion Ratio	Lower	Upper	
228	100		
226	28.9	17.8	26.6#
229	19.8	18.0	27.0





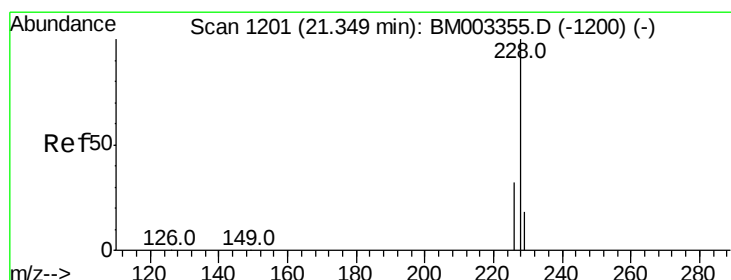
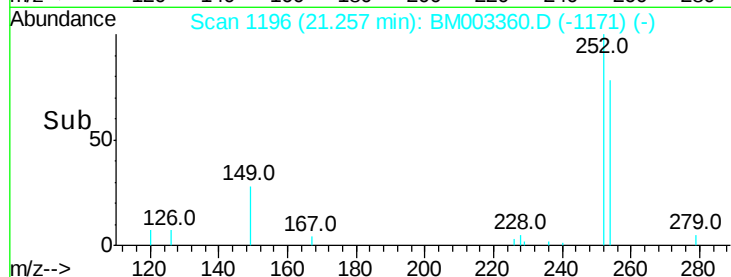
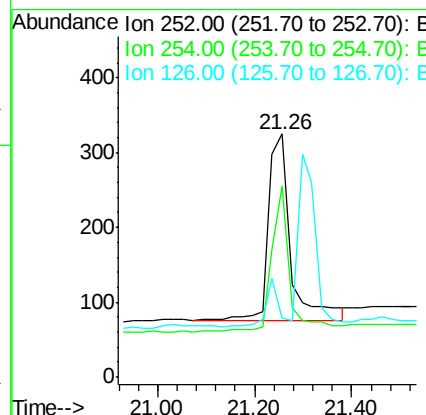
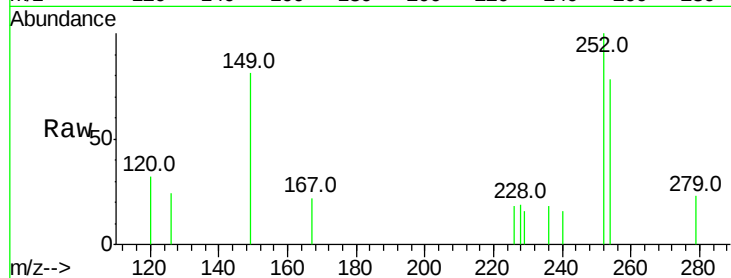
#31
 3,3'-Dichlorobenzidine
 Concen: 0.14 ng
 RT: 21.26 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM003360.D
 Acq: 02 Dec 2015 17:33

Instrument :
 BNA_M
 ClientSampleId :
 LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
252	100		
254	78.5	53.7	80.5
126	24.3	2.8	4.2#

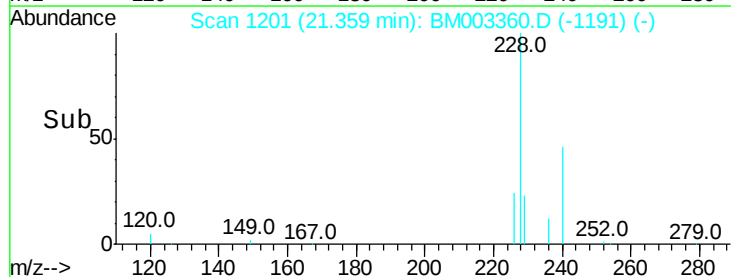
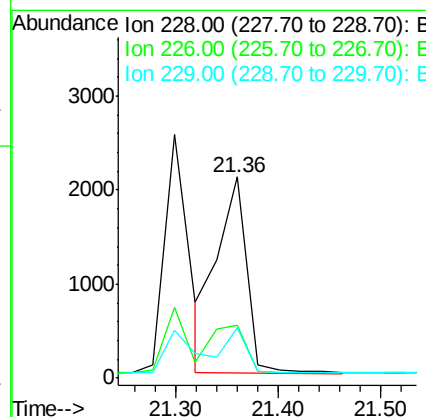
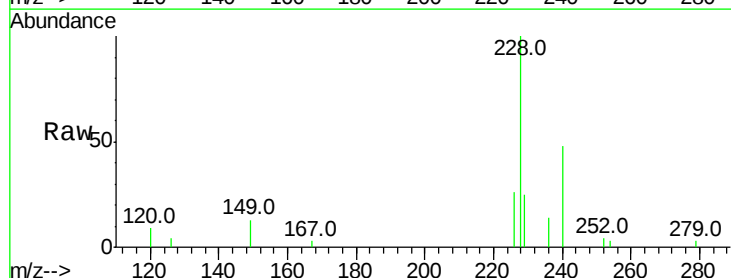
Manual Integrations
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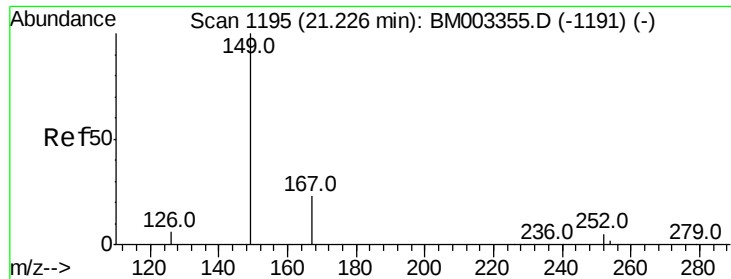
Mmdadoda
 12/3/2015 7:07:54 PM



#32
 Chrysene
 Concen: 0.07 ng m
 RT: 21.36 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BM003360.D
 Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	25.5	38.3
229	25.3	14.3	21.5#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

RT: 21.24 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BM003360.D

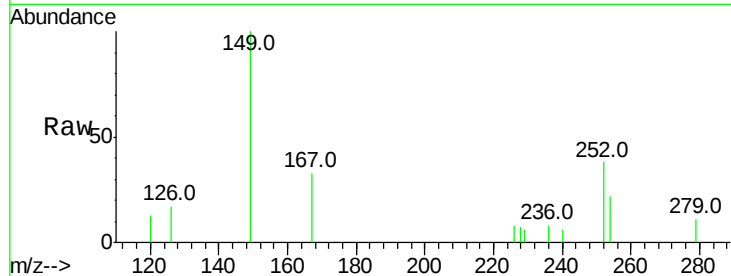
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

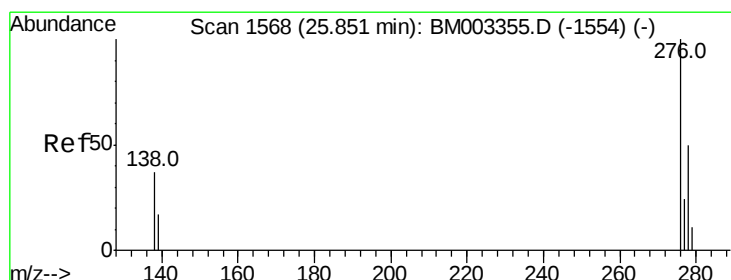
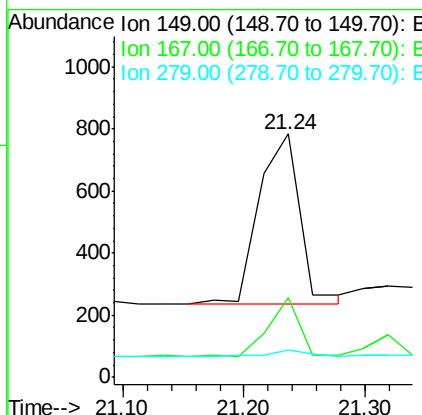
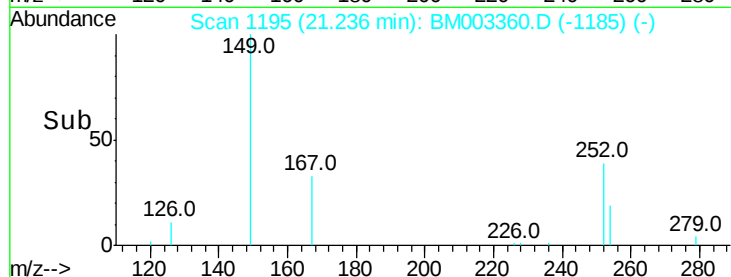
LOD-SOIL2015-01



Tot Ion:	149	Resp:	1284
Ion Ratio	Lower	Upper	
149	100		
167	26.2	19.6	29.4
279	4.4	0.0	0.0#

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#34

Indeno(1,2,3-cd)pyrene

Concen: 0.07 ng

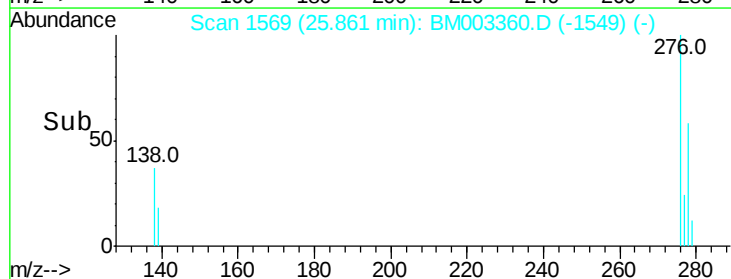
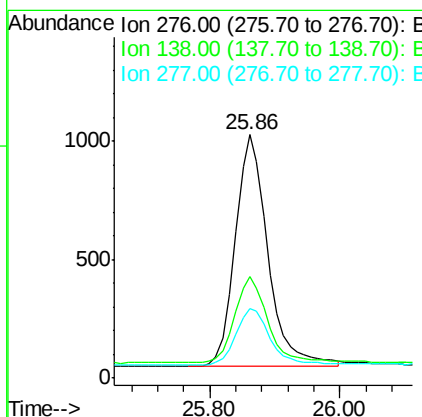
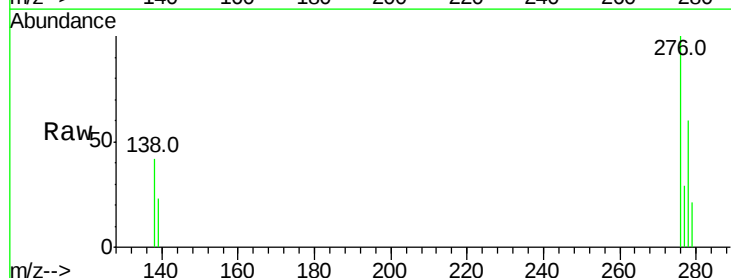
RT: 25.86 min Scan# 1569

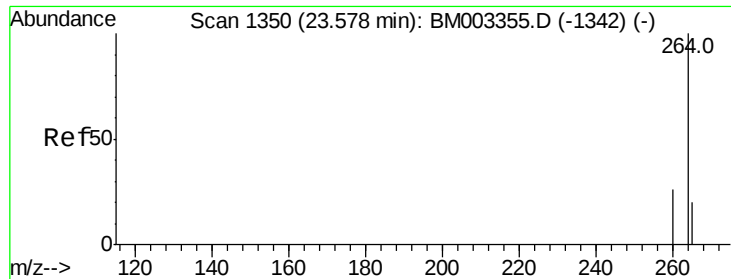
Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion:	276	Resp:	3394
Ion Ratio	Lower	Upper	
276	100		
138	37.2	19.1	28.7#
277	25.6	15.9	23.9#





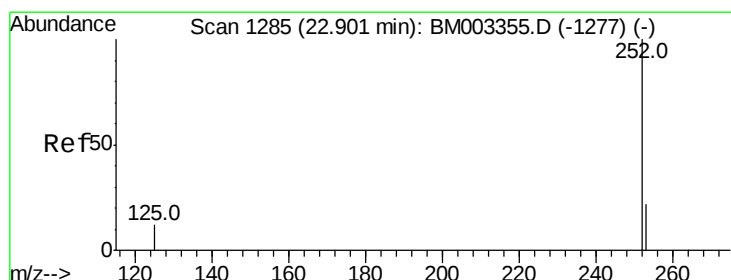
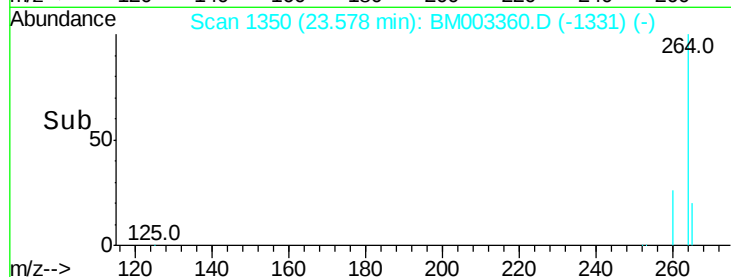
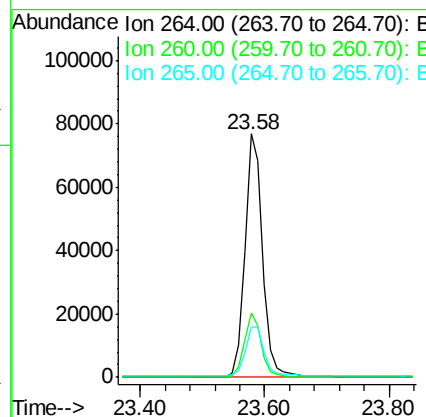
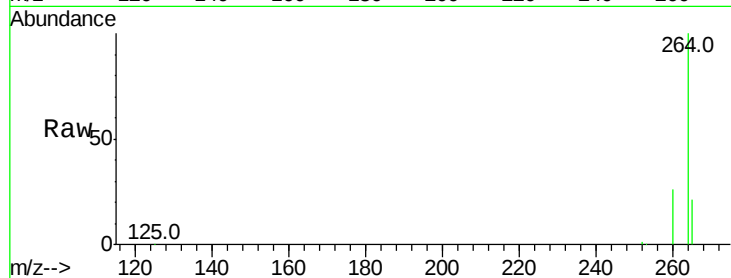
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Instrument :
BNA_M
ClientSampleId :
LOD-SOIL2015-01

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	26.4	19.6	29.4	
265	20.8	18.4	27.6	

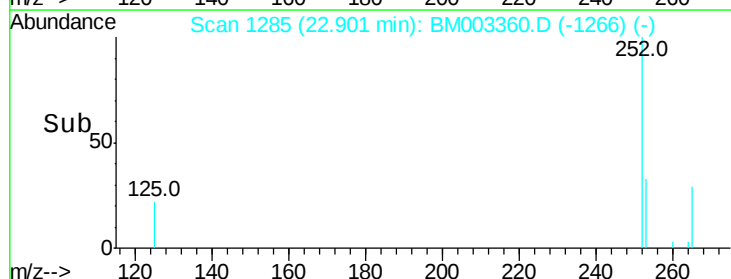
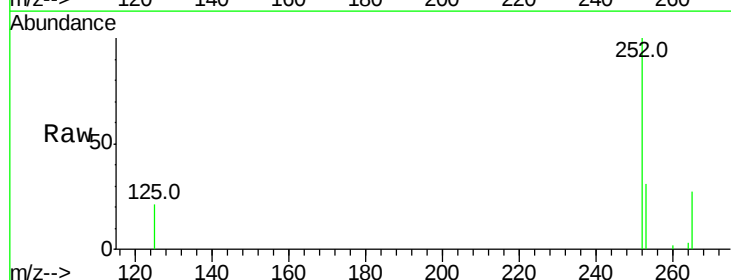
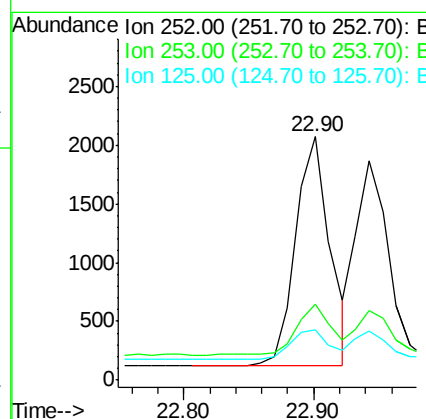
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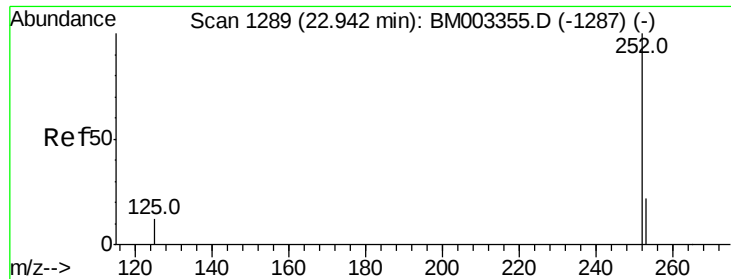
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#36
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 22.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003360.D
Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	31.1	18.2	27.4#	
125	20.9	10.3	15.5#	





#37

Benzo(k)fluoranthene

Concen: 0.08 ng

RT: 22.94 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

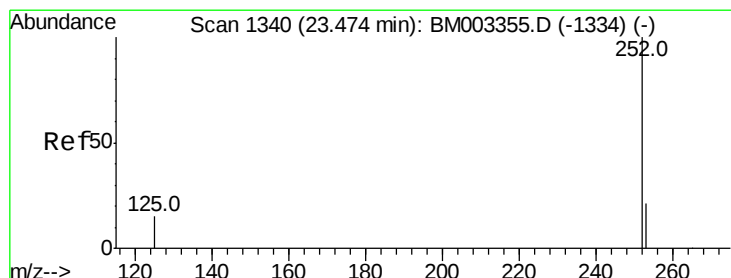
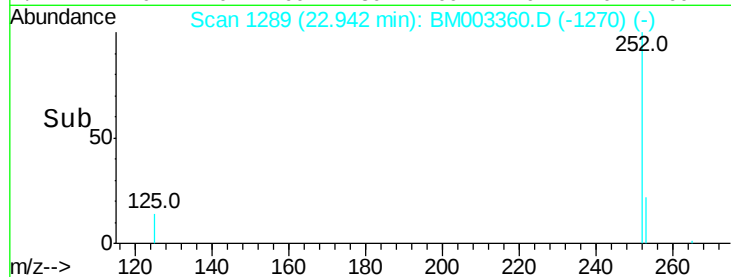
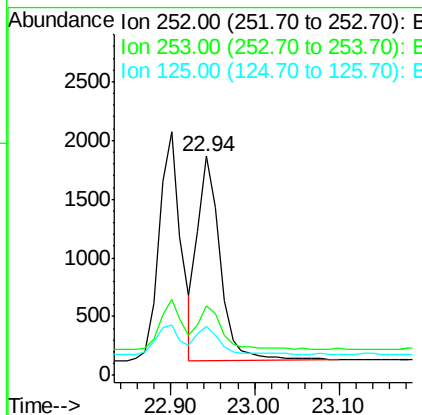
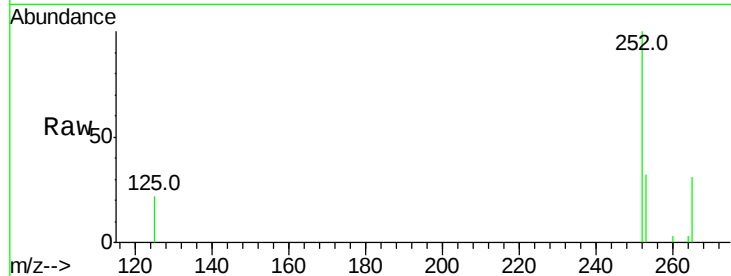
ClientSampleId :

LOD-SOIL2015-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.9	17.5	26.3#
125	22.3	10.7	16.1#

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#38

Benzo(a)pyrene

Concen: 0.07 ng

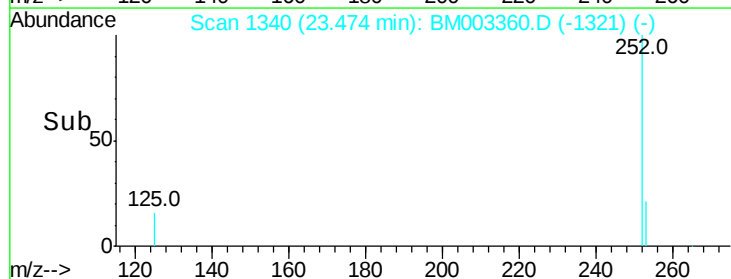
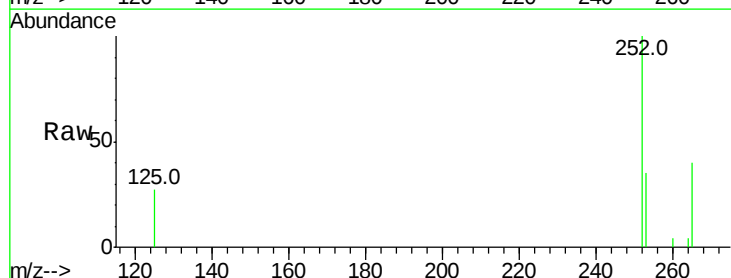
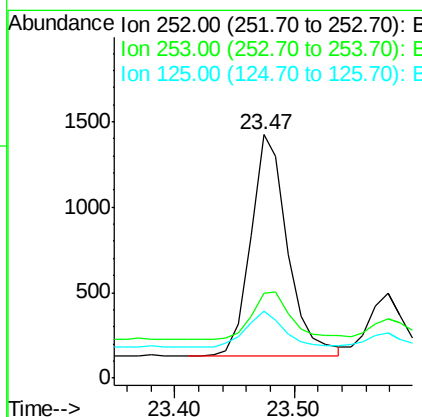
RT: 23.47 min Scan# 1340

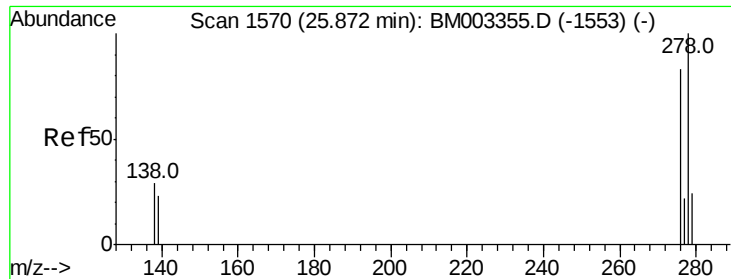
Delta R.T. 0.00 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.8	18.7	28.1#
125	27.5	11.6	17.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.08 ng

RT: 25.88 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BM003360.D

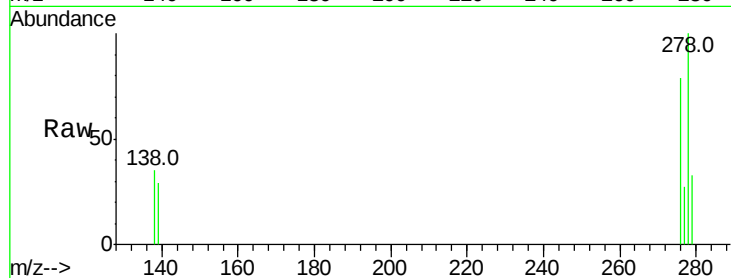
Acq: 02 Dec 2015 17:33

Instrument :

BNA_M

ClientSampleId :

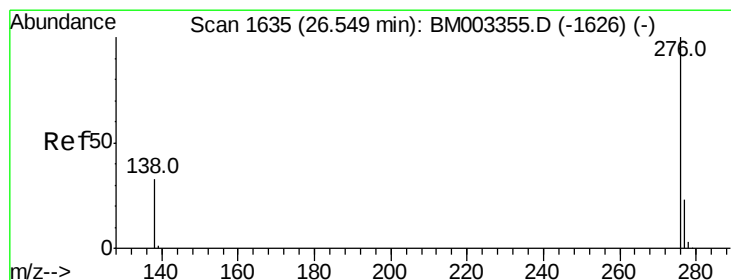
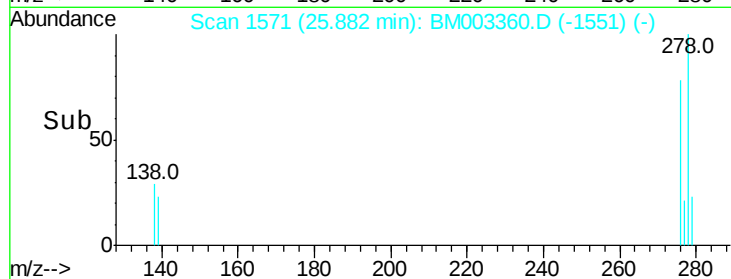
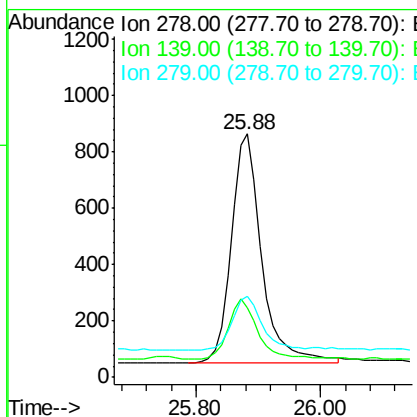
LOD-SOIL2015-01



Tot Ion:	278	Resp:	2773
Ion Ratio	Lower	Upper	
278	100		
139	28.8	18.2	27.4#
279	33.3	18.8	28.2#

Manual Integrations
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#40

Benzo(g,h,i)perylene

Concen: 0.09 ng

RT: 26.56 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BM003360.D

Acq: 02 Dec 2015 17:33

Tgt Ion:	276	Resp:	3113
Ion Ratio	Lower	Upper	
276	100		
277	28.5	19.0	28.6
138	36.7	22.3	33.5#

