

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120215\
 Data File : BM003361.D
 Acq On : 02 Dec 2015 18:09
 Operator : UM/IZ
 Sample : G3707-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
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 12/3/2015 7:07:58 PM

Quant Time: Dec 03 00:32:45 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	55980	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	228694	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	119503	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	269034	5.00	ng	0.00
26) Chrysene-d12	21.31	240	159147	5.00	ng	-0.02
35) Perylene-d12	23.58	264	142241	5.00	ng	0.00

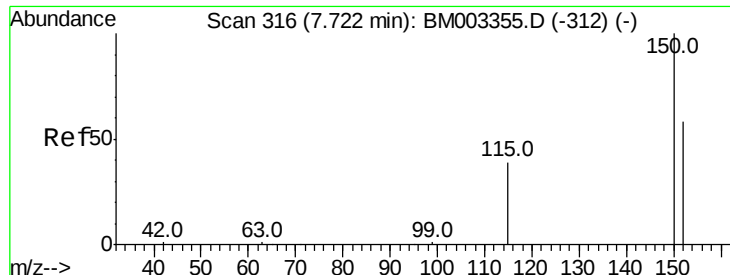
System Monitoring Compounds

4) 2-Fluorophenol	5.31	112	90026	8.06	ng	0.00
5) Phenol-d6	6.88	99	113620	8.27	ng	0.00
8) Nitrobenzene-d5	8.88	82	42657	4.00	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	18477	6.00	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	158359	4.40	ng	0.00
29) Terphenyl-d14	19.76	244	116709	4.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	972	0.19	ng	# 84
3) n-Nitrosodimethylamine	3.54	42	687	0.13	ng	# 98
6) bis(2-Chloroethyl)ether	7.16	93	1989	0.15	ng	98
9) Nitrobenzene	8.92	77	1794m	0.16	ng	
10) Naphthalene	10.56	128	7755	0.16	ng	98
11) Hexachlorobutadiene	10.85	225	1139m	0.15	ng	
12) 2-Methylnaphthalene	12.18	142	4910	0.15	ng	99
16) Acenaphthylene	14.08	152	5831	0.12	ng	99
17) Acenaphthene	14.44	154	5030	0.16	ng	# 100
18) Fluorene	15.42	166	5064	0.14	ng	# 96
20) 4-Bromophenyl-phenylether	16.32	248	1228	0.16	ng	# 37
21) Hexachlorobenzene	16.42	284	1429	0.13	ng	# 60
22) Pentachlorophenol	16.78	266	216	0.38	ng	# 84
23) Phenanthrene	17.16	178	8193m	0.16	ng	
24) Anthracene	17.24	178	7213	0.13	ng	97
25) Fluoranthene	19.19	202	7910	0.15	ng	99
27) Benzidine	19.38	184	1441	0.44	ng	# 84
28) Pyrene	19.55	202	8335	0.14	ng	99
30) Benzo(a)anthracene	21.31	228	6753m	0.16	ng	
31) 3,3'-Dichlorobenzidine	21.25	252	1551	0.21	ng	# 97
32) Chrysene	21.35	228	8730m	0.18	ng	
33) Bis(2-ethylhexyl)phthalate	21.23	149	3289	0.36	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.86	276	6087	0.16	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	6734	0.16	ng	# 89
37) Benzo(k)fluoranthene	22.94	252	5622	0.14	ng	# 89
38) Benzo(a)pyrene	23.47	252	5088	0.14	ng	# 86
39) Dibenzo(a,h)anthracene	25.87	278	4907	0.15	ng	# 89
40) Benzo(g,h,i)perylene	26.55	276	5647	0.17	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. 0.00 min

Lab File: BM003361.D

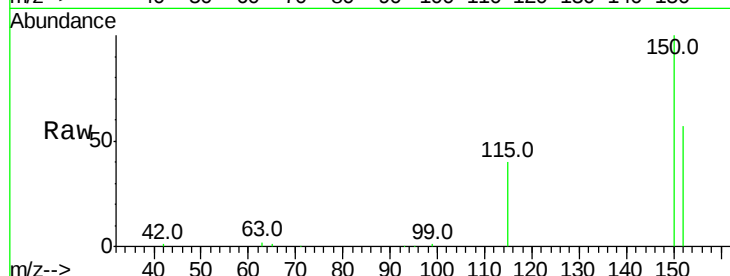
Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:152 Resp: 55980

Ion Ratio Lower Upper

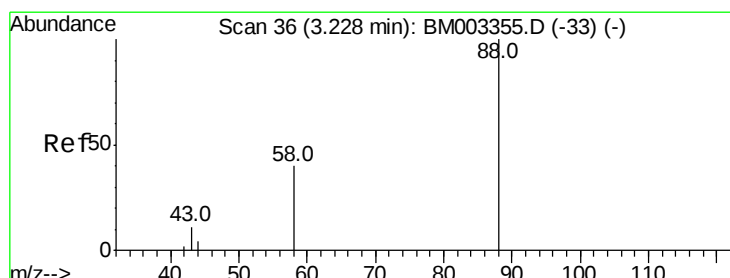
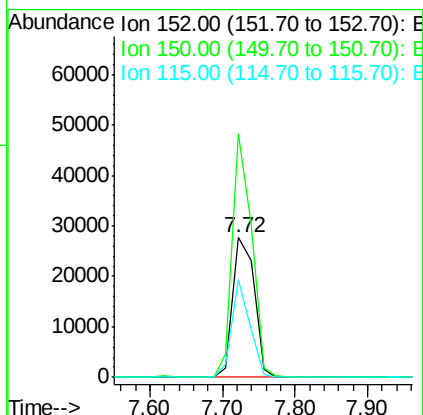
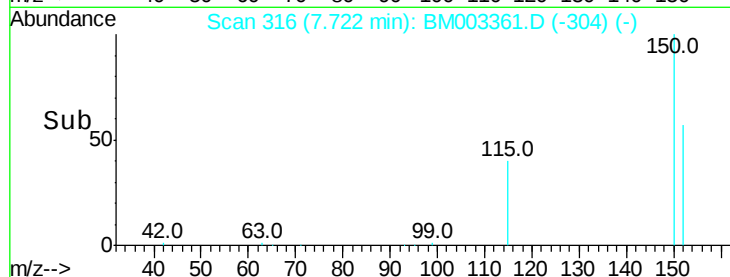
152 100

150 174.5 143.6 215.4

115 69.8 58.5 87.7

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#2

1,4-Dioxane

Concen: 0.19 ng

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

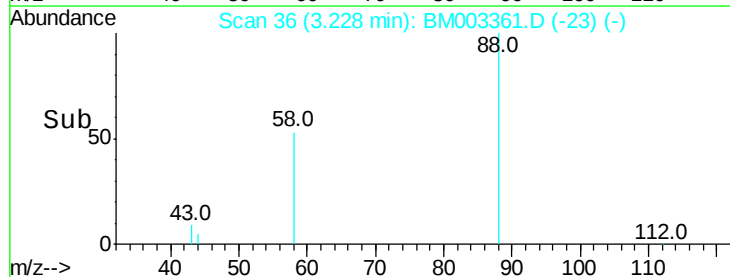
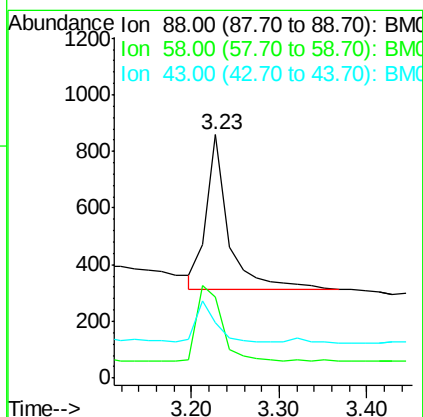
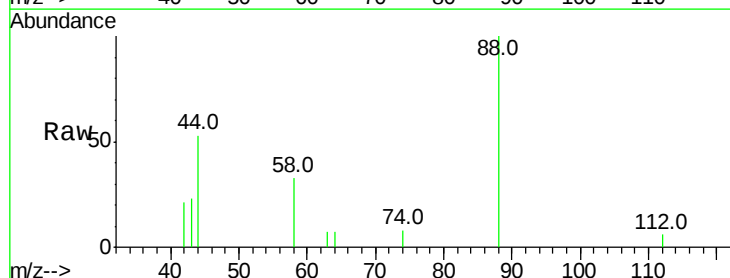
Tgt Ion: 88 Resp: 972

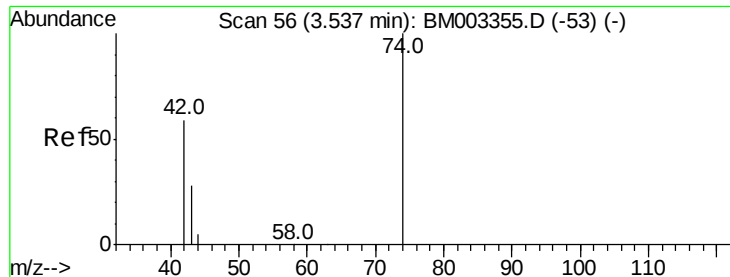
Ion Ratio Lower Upper

88 100

58 53.7 55.2 82.8#

43 22.9 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

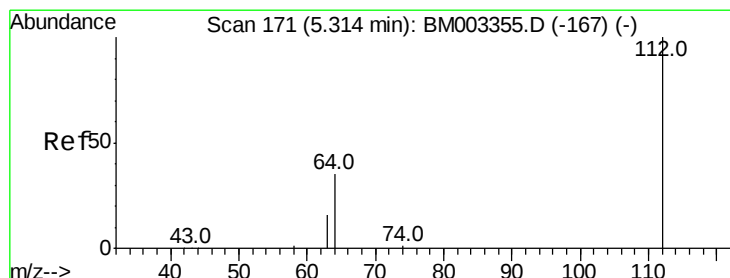
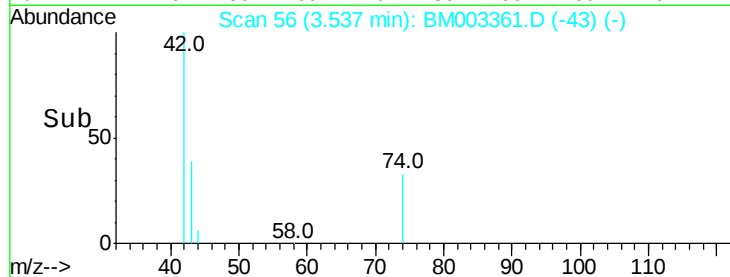
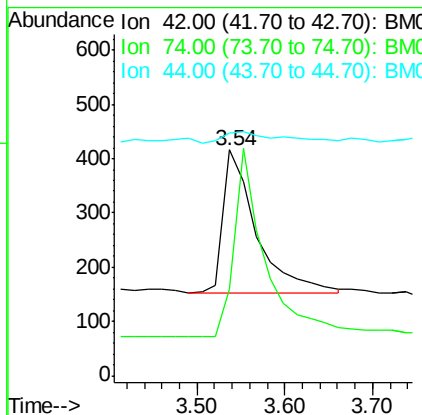
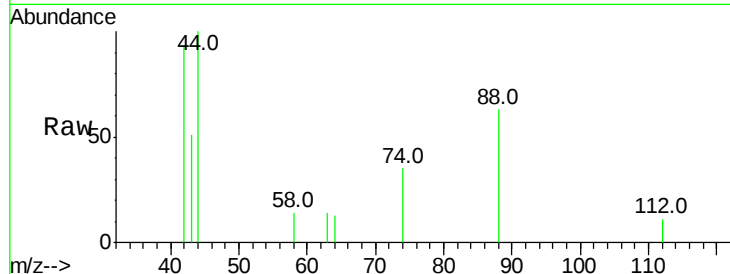
ClientSampleId :

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Tot Ion:	42	Resp:	687
Ion	Ratio	Lower	Upper
42	100		
74	127.1	101.0	151.4
44	13.8	6.3	9.5#

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#4

2-Fluorophenol

Concen: 8.06 ng

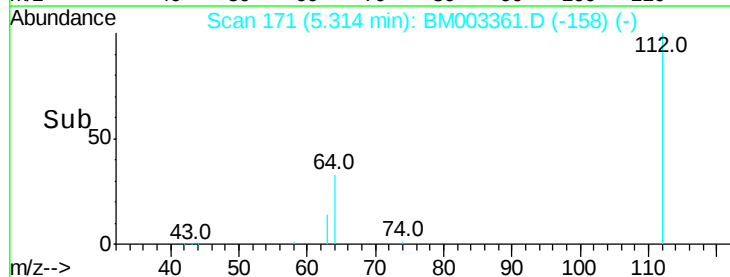
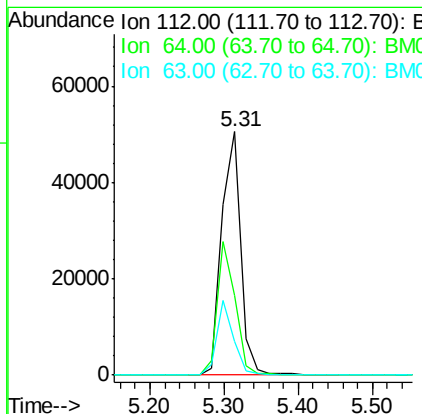
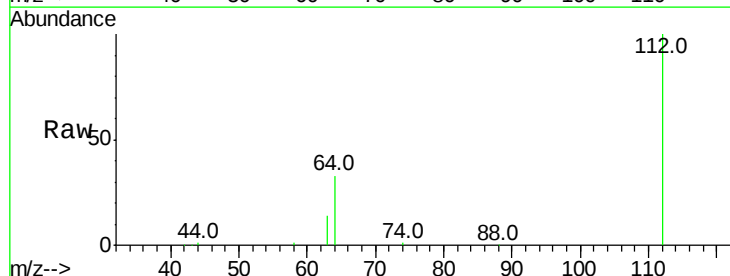
RT: 5.31 min Scan# 171

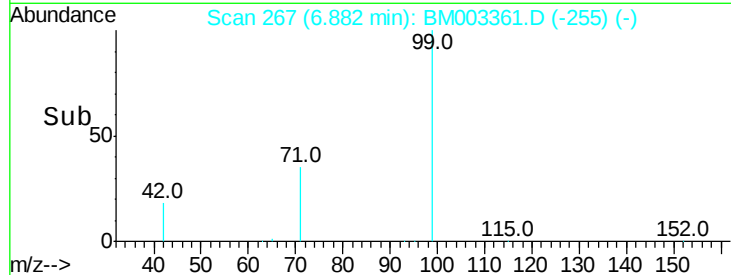
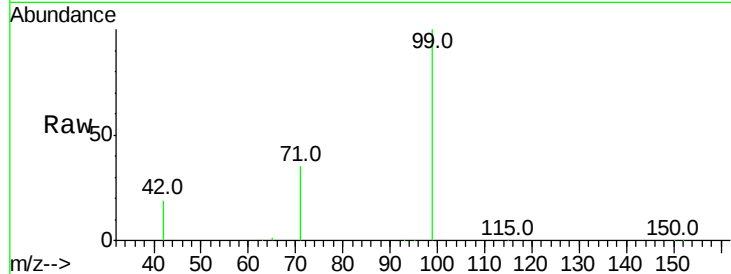
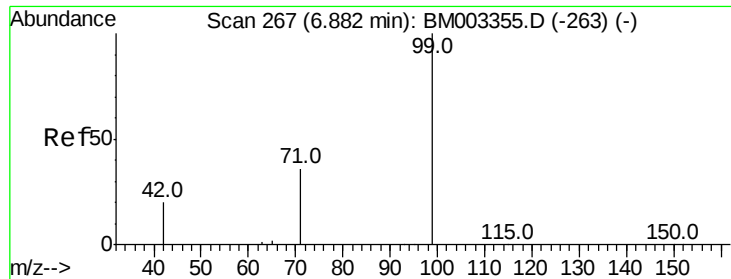
Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	112	Resp:	90026
Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.2	61.8
63	26.7	21.2	31.8





#5

Phenol-d6

Concen: 8.27 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tot Ion:	99	Resp:	113620
Ion Ratio	Lower	Upper	
99	100		
42	17.5	14.6	22.0
71	29.5	23.3	34.9

Instrument :

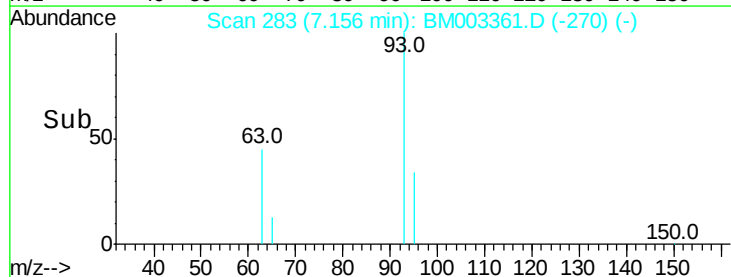
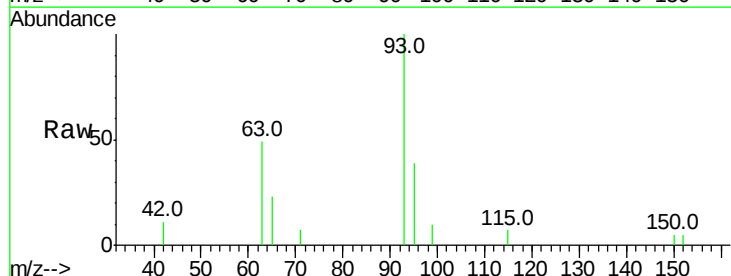
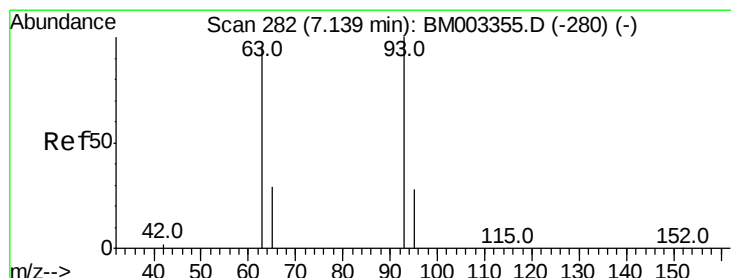
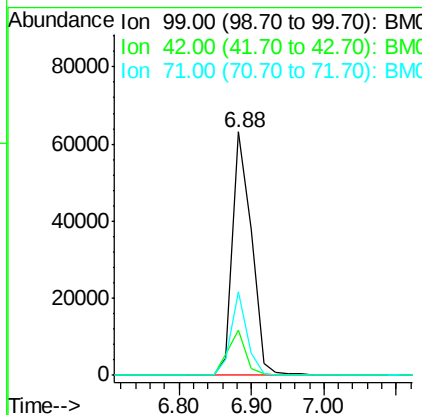
BNA_M

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.15 ng

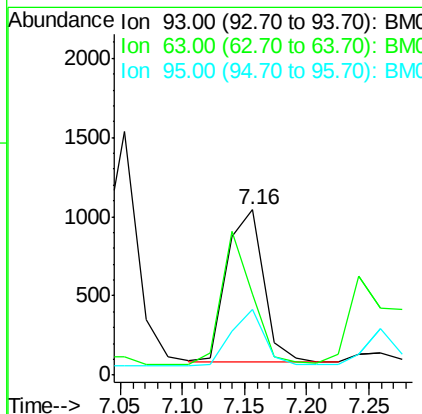
RT: 7.16 min Scan# 283

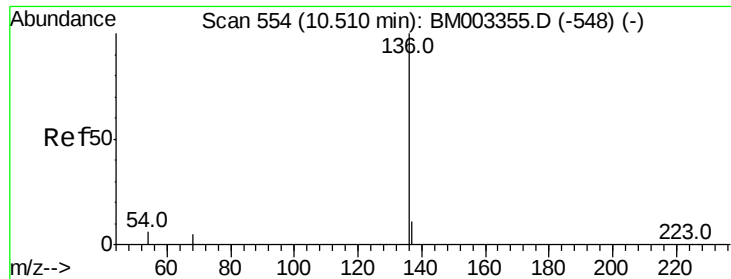
Delta R.T. 0.02 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	93	Resp:	1989
Ion Ratio	Lower	Upper	
93	100		
63	74.7	58.2	87.4
95	33.9	26.2	39.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003361.D

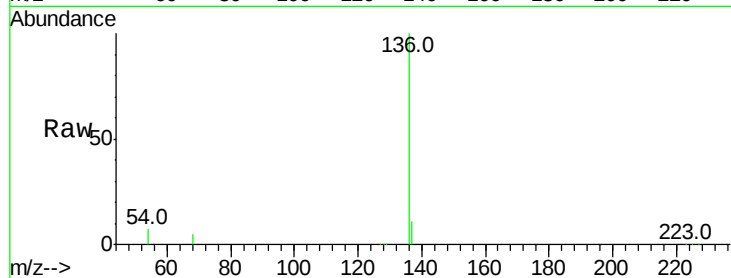
Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL2015-02



Tot Ion: 136 Resp: 228694

Ion Ratio Lower Upper

136 100

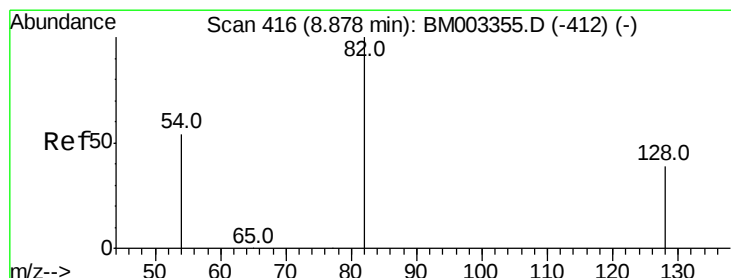
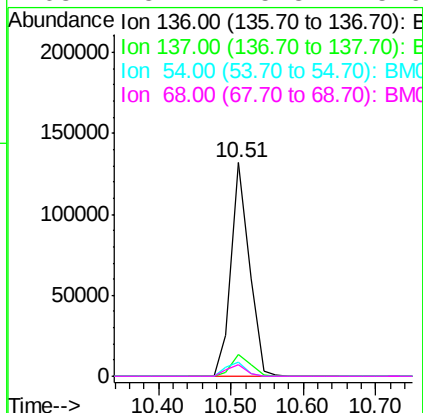
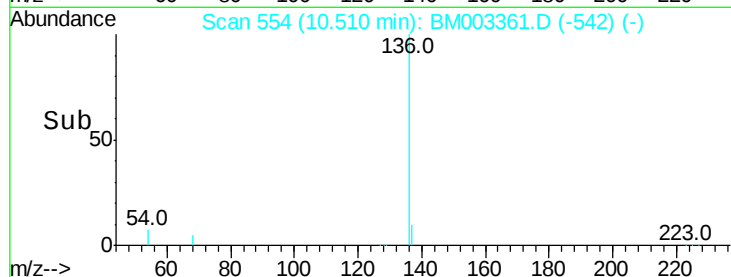
137 10.5 8.0 12.0

54 6.6 7.4 11.0#

68 5.4 5.8 8.6#

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#8

Nitrobenzene-d5

Concen: 4.00 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

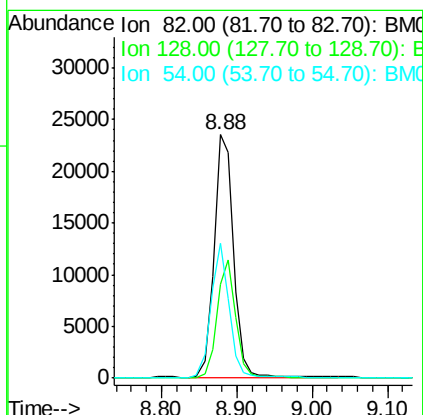
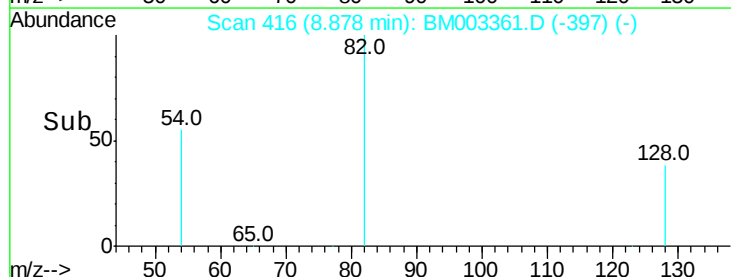
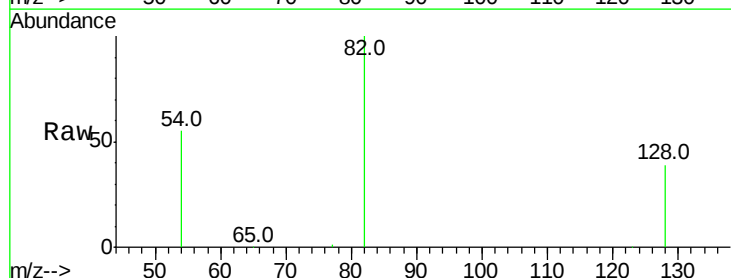
Tgt Ion: 82 Resp: 42657

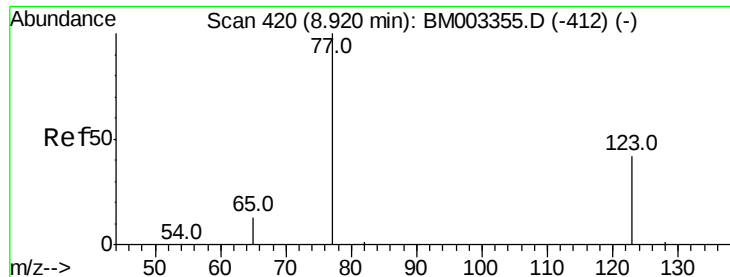
Ion Ratio Lower Upper

82 100

128 38.5 35.2 52.8

54 55.2 36.4 54.6#





#9

Nitrobenzene

Concen: 0.16 ng m

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL2015-02

Tot Ion: 77 Resp: 1794

Ion Ratio Lower Upper

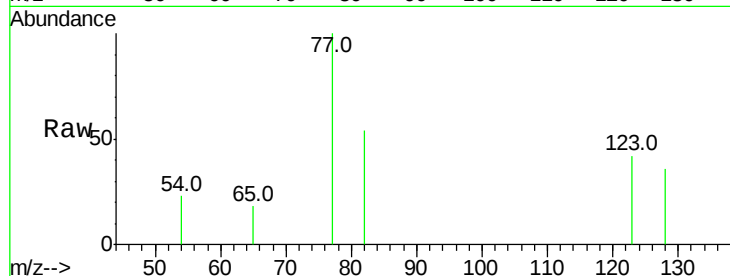
77 100

123 47.0 37.7 56.5

65 15.4 9.8 14.6#

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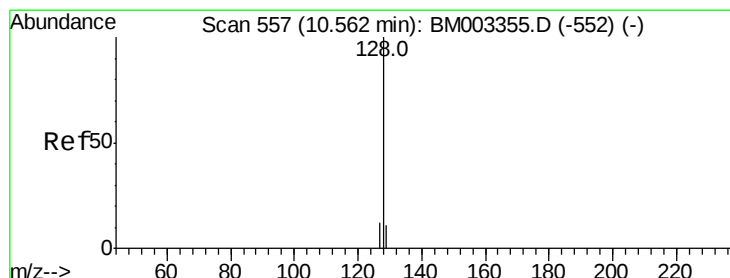
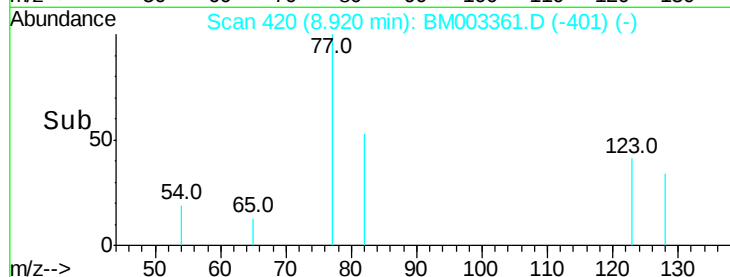
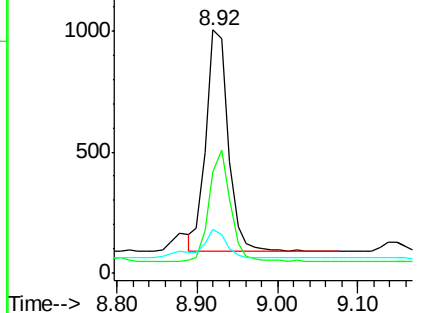
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Abundance Ion 77.00 (76.70 to 77.70): BM003361.D (-401) (-)

Ion 123.00 (122.70 to 123.70): BM003361.D (-401) (-)

Ion 65.00 (64.70 to 65.70): BM003361.D (-401) (-)



#10

Naphthalene

Concen: 0.16 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

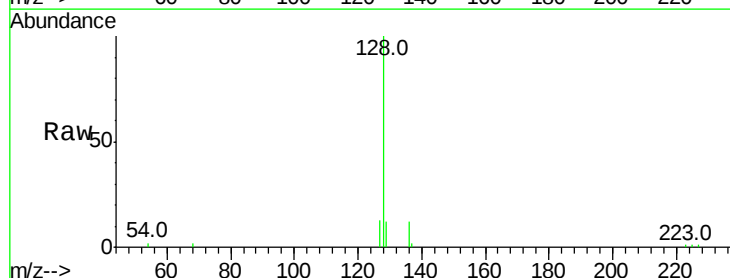
Tgt Ion: 128 Resp: 7755

Ion Ratio Lower Upper

128 100

129 12.1 8.5 12.7

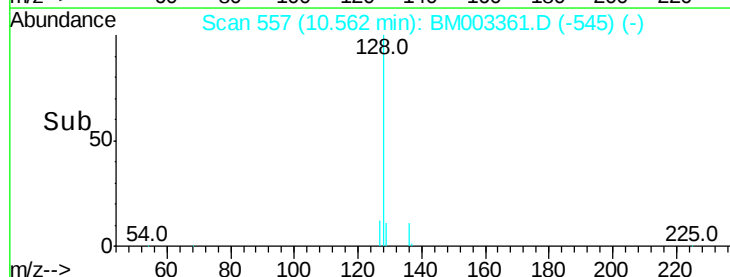
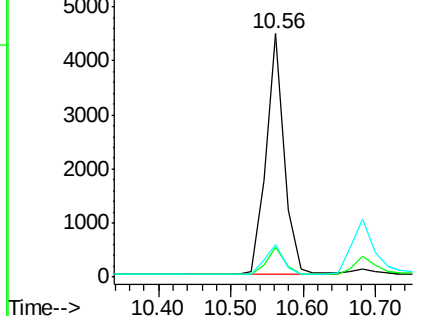
127 13.3 10.6 16.0

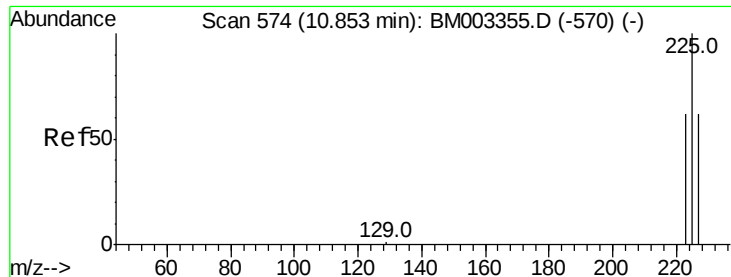


Abundance Ion 128.00 (127.70 to 128.70): BM003361.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003361.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003361.D (-545) (-)





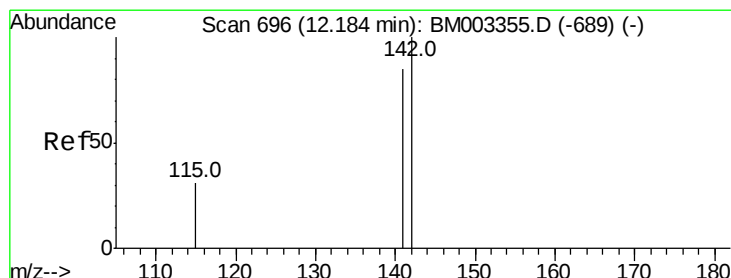
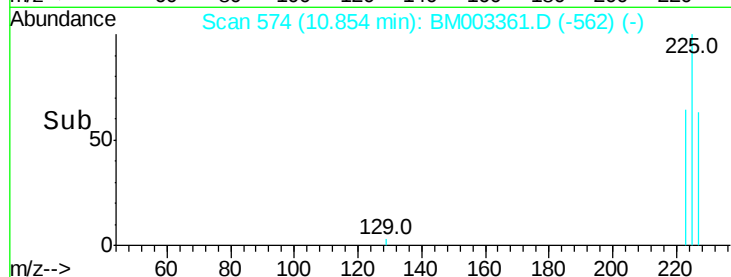
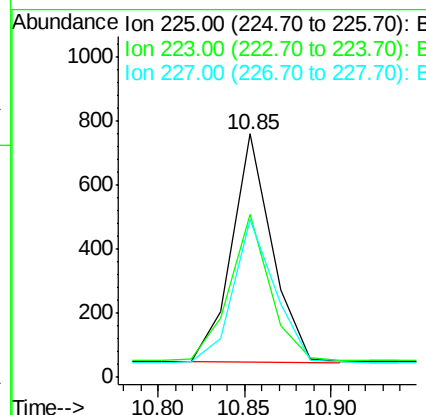
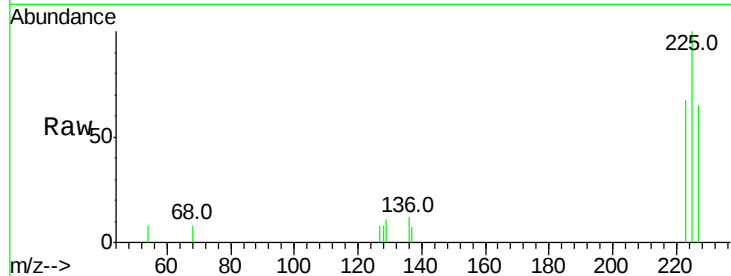
#11
Hexachlorobutadiene
Concen: 0.15 ng m
RT: 10.85 min Scan# 574
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

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Tot Ion	Ratio	Lower	Upper
225	100		
223	117.1	53.0	79.4#
227	64.2	52.2	78.4

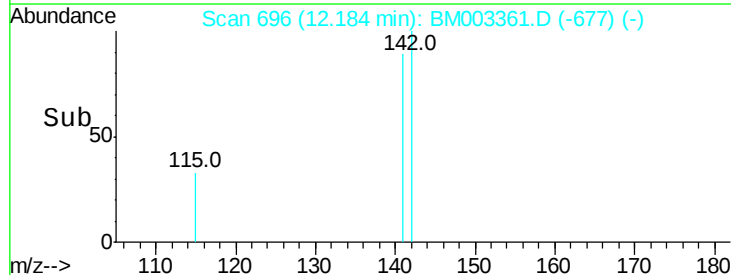
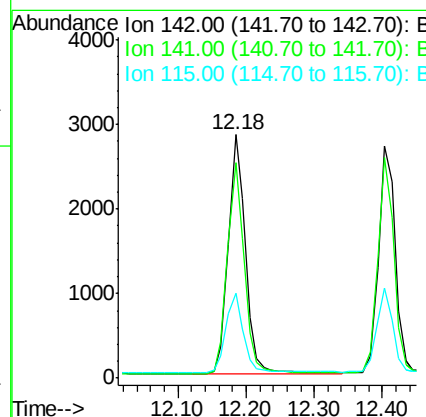
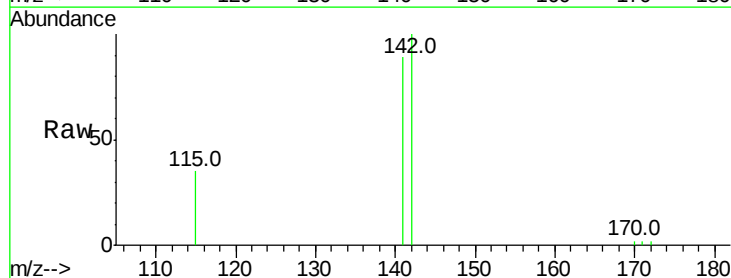
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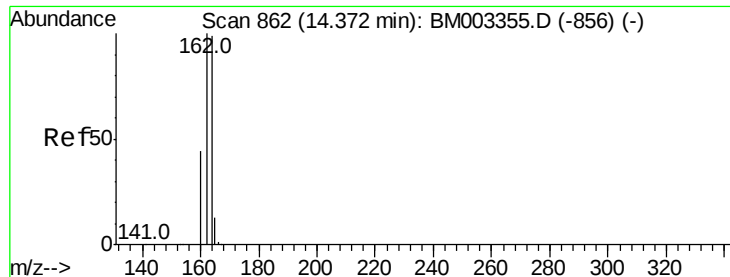
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#12
2-Methylnaphthalene
Concen: 0.15 ng
RT: 12.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	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. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

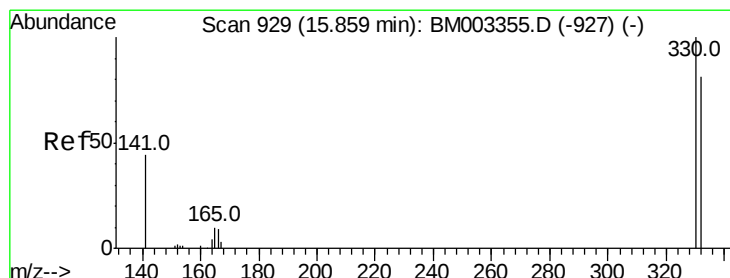
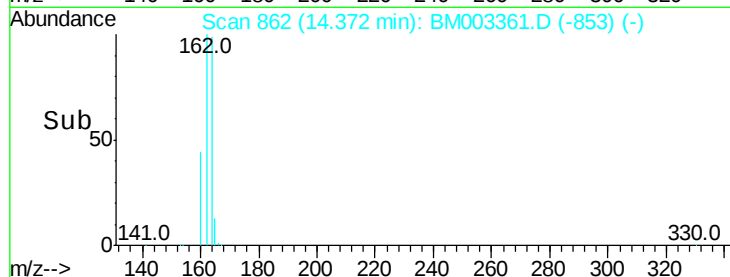
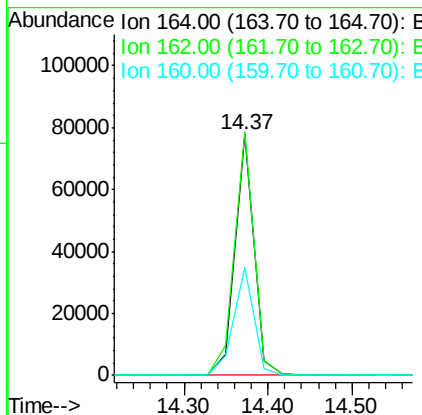
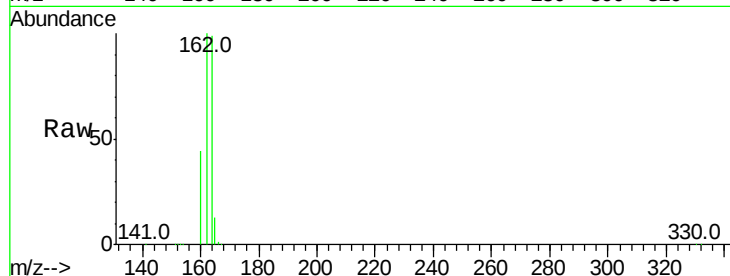
ClientSampleId :

LOQ-SOIL2015-02

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Tot Ion:	164	Resp:	119503
Ion Ratio	Lower	Upper	
164	100		
162	101.2	78.3	117.5
160	45.0	33.8	50.6



#14

2,4,6-Tribromophenol

Concen: 6.00 ng

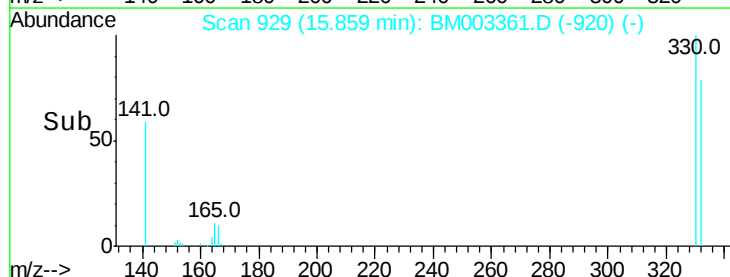
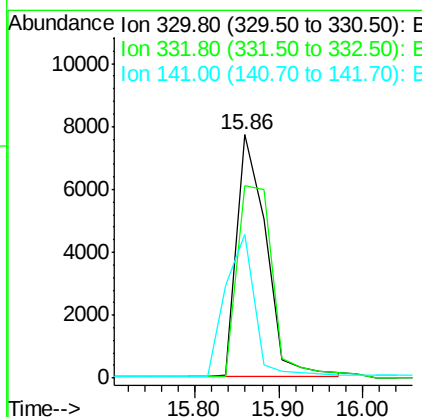
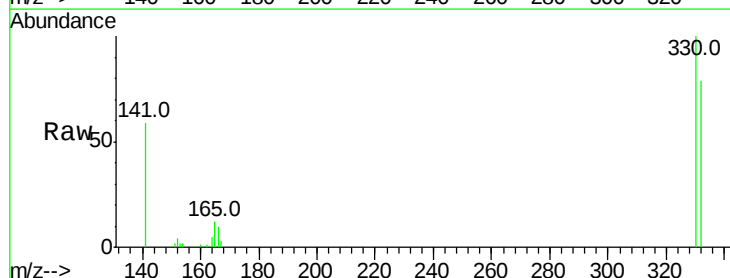
RT: 15.86 min Scan# 929

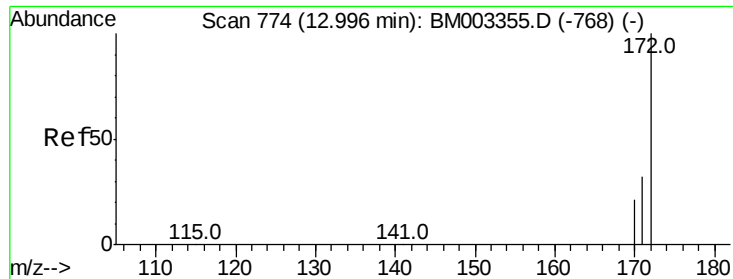
Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	330	Resp:	18477
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.0	114.0
141	59.2	0.0	0.0#





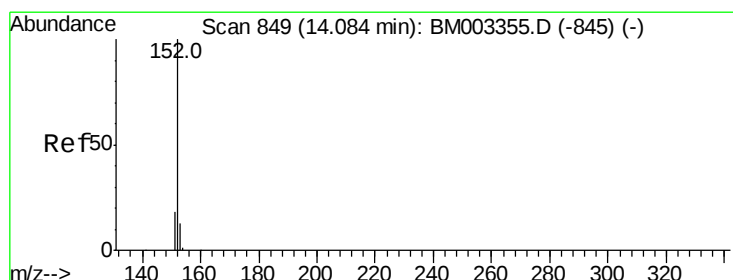
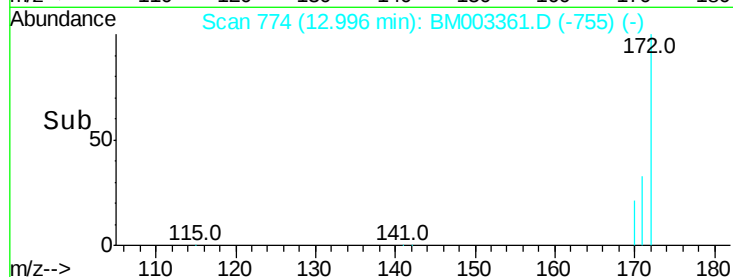
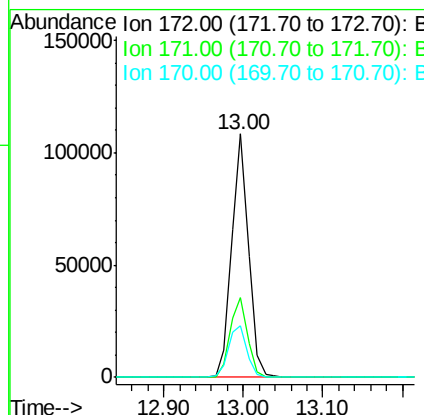
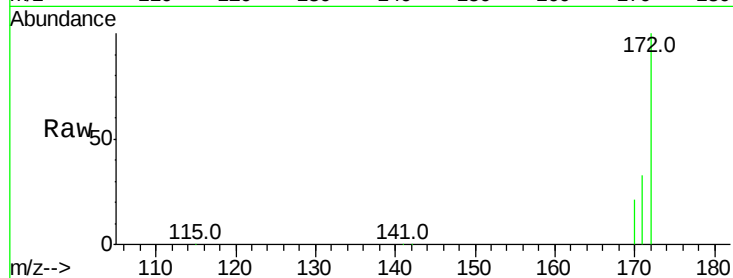
#15
2-Fluorobiphenyl
Concen: 4.40 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.8	28.0	42.0
170	21.1	18.9	28.3

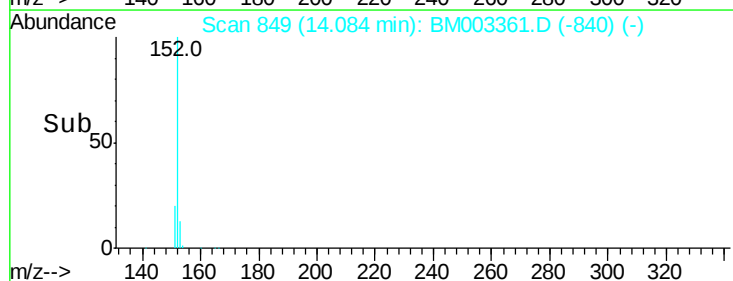
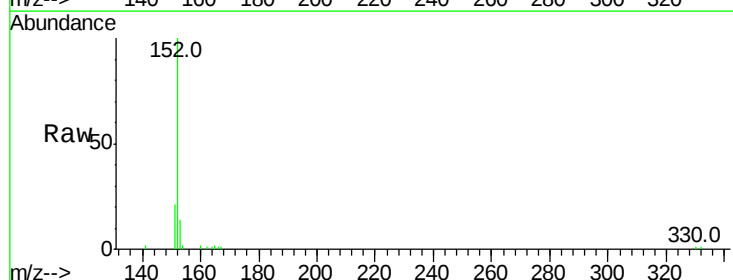
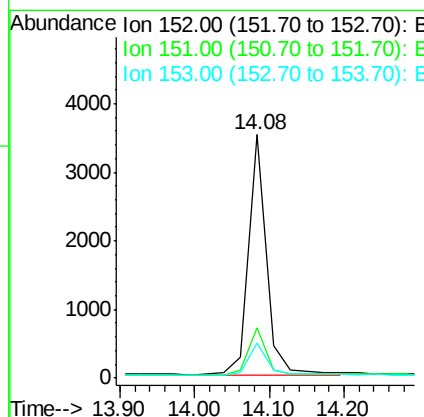
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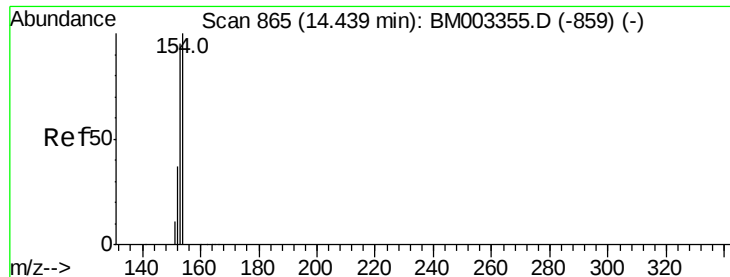
Mmdadoda
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#16
Acenaphthylene
Concen: 0.12 ng
RT: 14.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.2	22.8
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 0.16 ng

RT: 14.44 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM003361.D

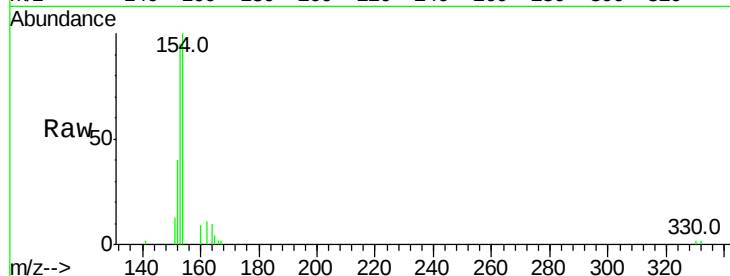
Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

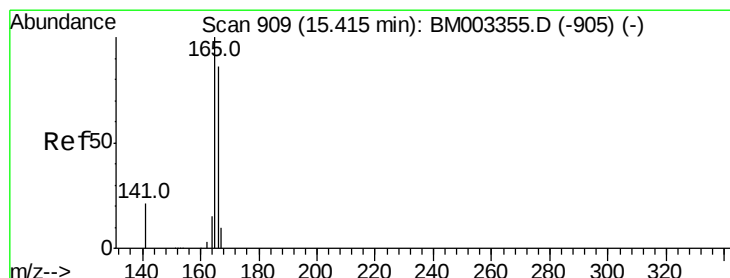
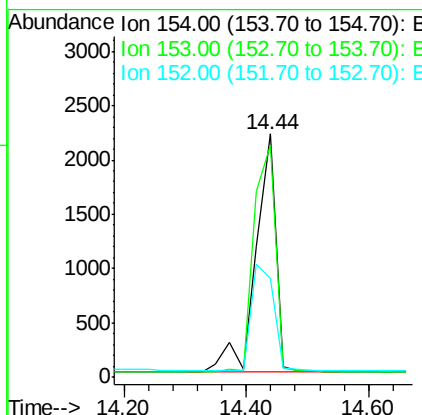
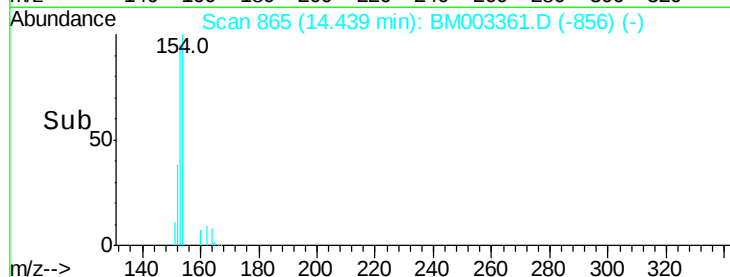
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Tot Ion:	154	Resp:	5030
Ion Ratio	Lower	Upper	
154	100		
153	101.5	0.0	0.0#
152	0.0	0.0	0.0

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#18

Fluorene

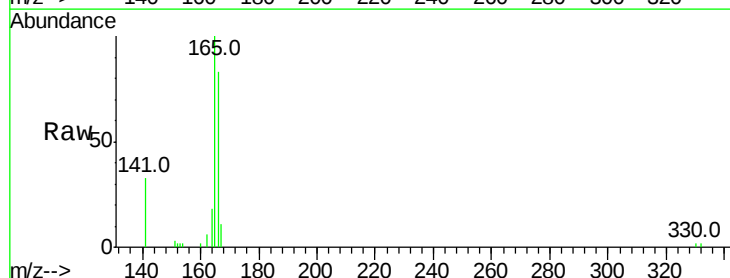
Concen: 0.14 ng

RT: 15.42 min Scan# 909

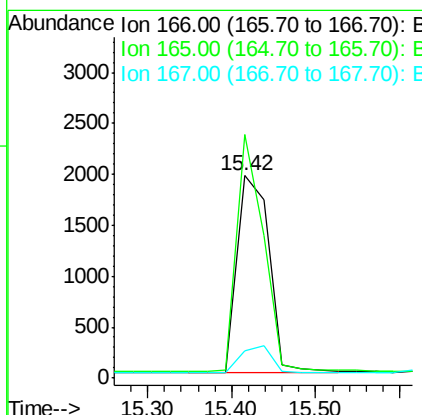
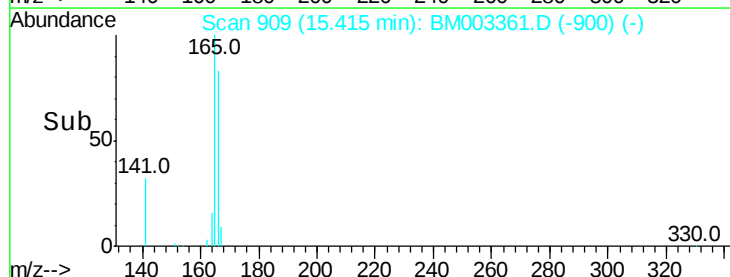
Delta R.T. 0.00 min

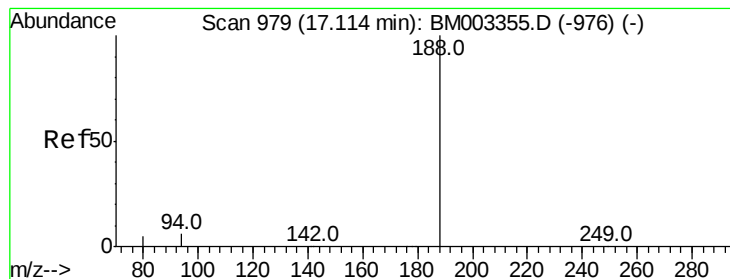
Lab File: BM003361.D

Acq: 02 Dec 2015 18:09



Tgt Ion:	166	Resp:	5064
Ion Ratio	Lower	Upper	
166	100		
165	100.4	80.8	121.2
167	0.0	10.5	15.7#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

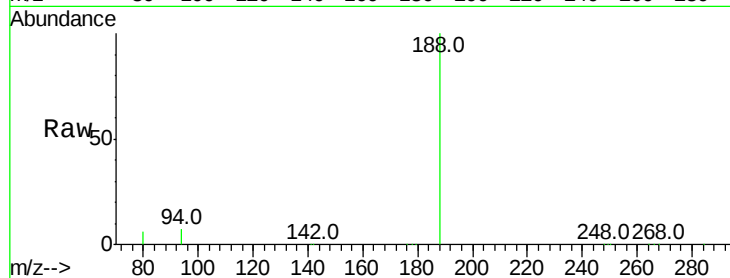
ClientSampleId :

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Tot Ion:	188	Resp:	269034
Ion Ratio	Lower	Upper	
188	100		
94	6.9	1.8	2.6#
80	6.1	1.4	2.0#

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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

17.11

200000

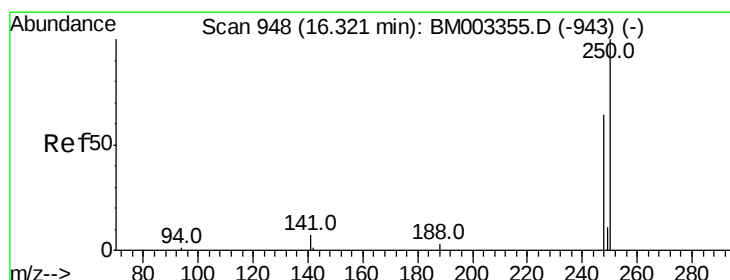
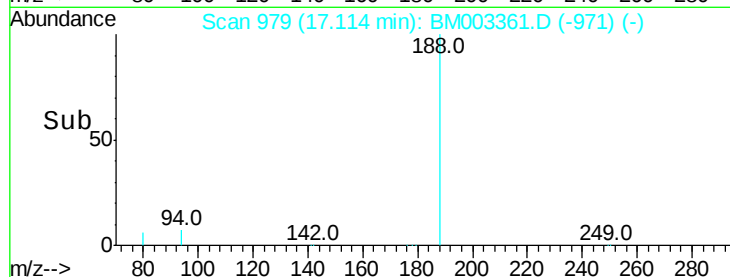
150000

100000

50000

0

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.16 ng

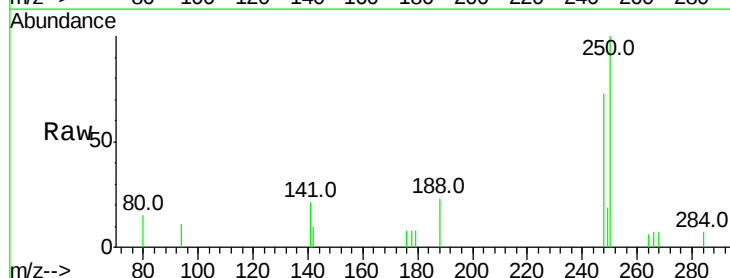
RT: 16.32 min Scan# 948

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	248	Resp:	1228
Ion Ratio	Lower	Upper	
248	100		
250	105.8	65.4	98.0#
141	0.0	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

16.32

1000

800

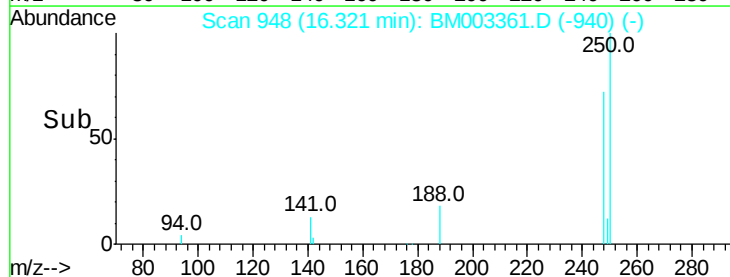
600

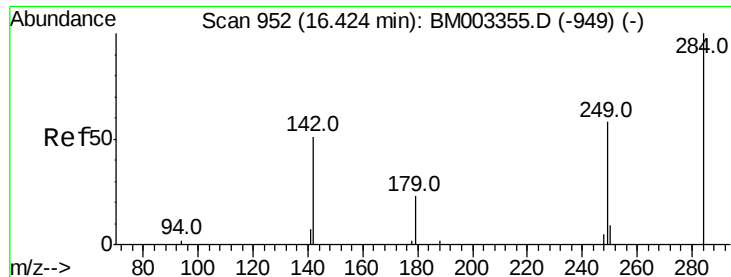
400

200

0

Time-->





#21

Hexachlorobenzene

Concen: 0.13 ng

RT: 16.42 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

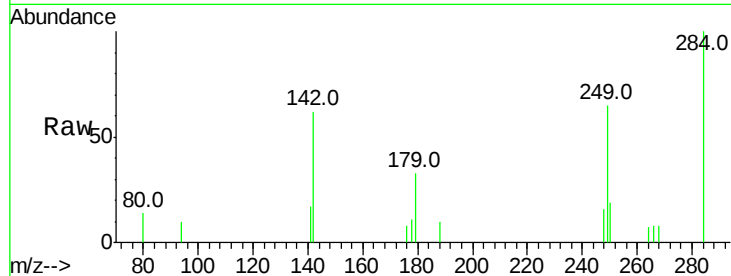
ClientSampleId :

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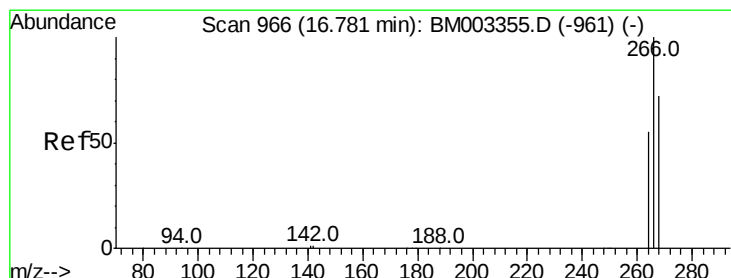
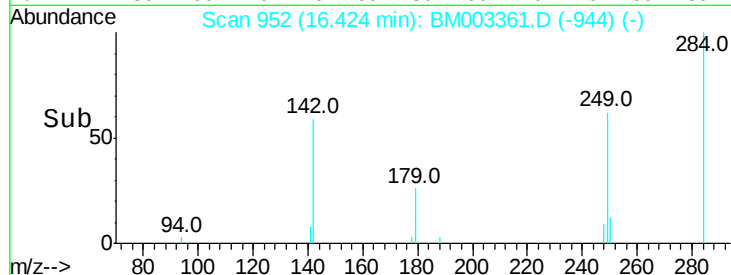
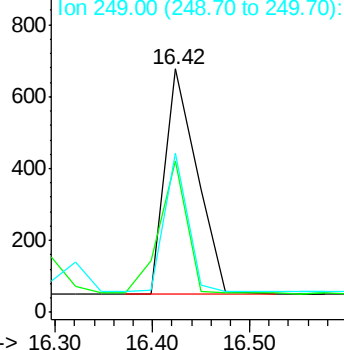
Tot Ion:	284	Resp:	1429
Ion Ratio	Lower	Upper	
284	100		
142	49.7	0.0	0.0#
249	44.1	19.4	29.2#

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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



#22

Pentachlorophenol

Concen: 0.38 ng

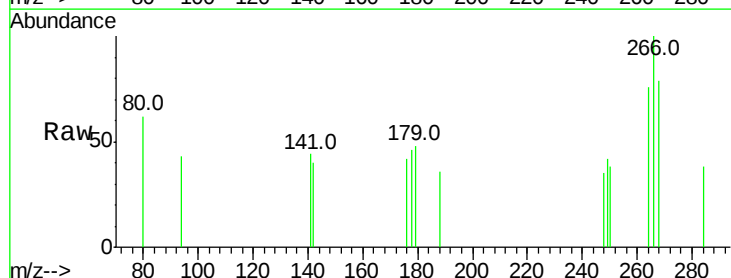
RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

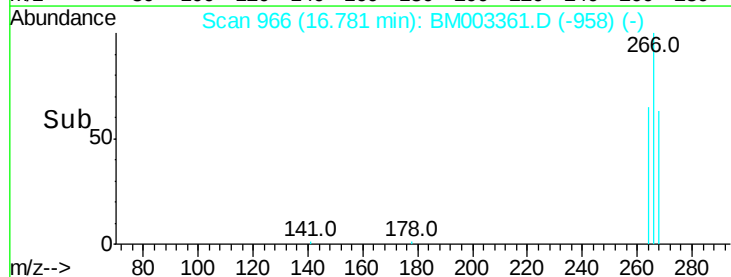
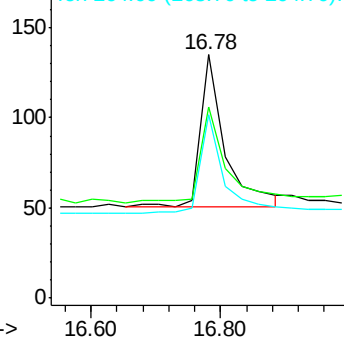
Lab File: BM003361.D

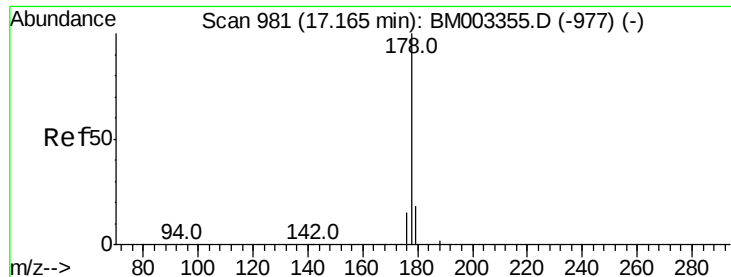
Acq: 02 Dec 2015 18:09

Tgt Ion:	266	Resp:	216
Ion Ratio	Lower	Upper	
266	100		
268	78.5	45.8	68.8#
264	75.6	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





#23

Phenanthrene

Concen: 0.16 ng m

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

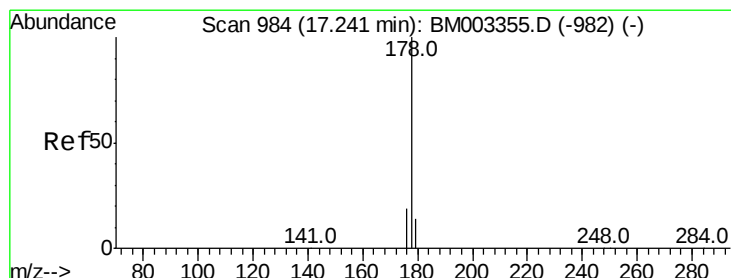
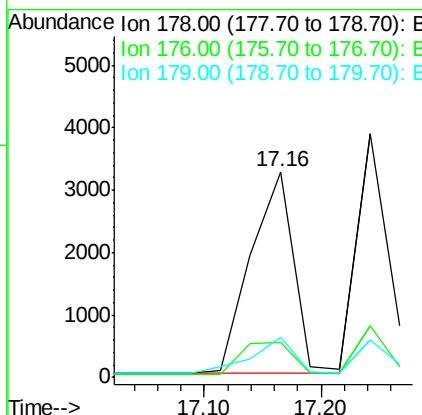
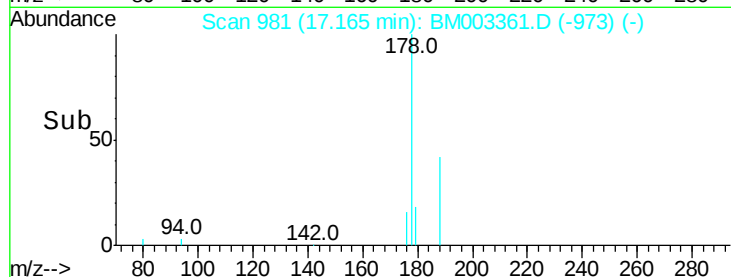
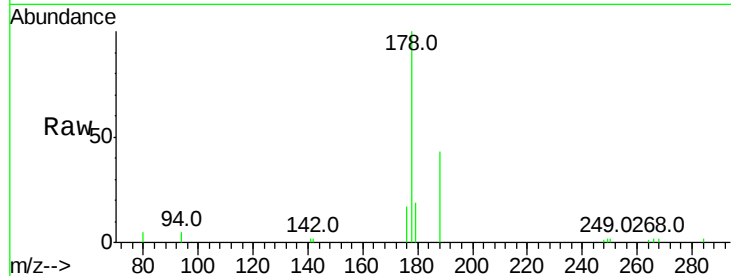
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion:178 Resp: 8193

Ion	Ratio	Lower	Upper
178	100		
176	15.9	15.9	23.9#
179	12.4	11.7	17.5

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#24

Anthracene

Concen: 0.13 ng

RT: 17.24 min Scan# 984

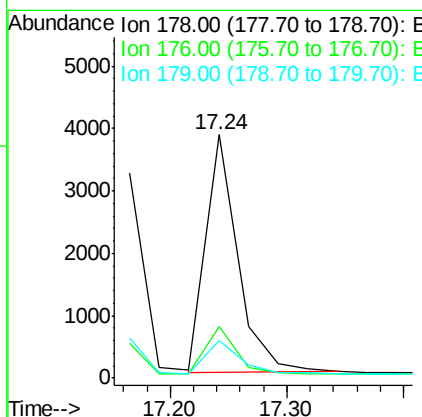
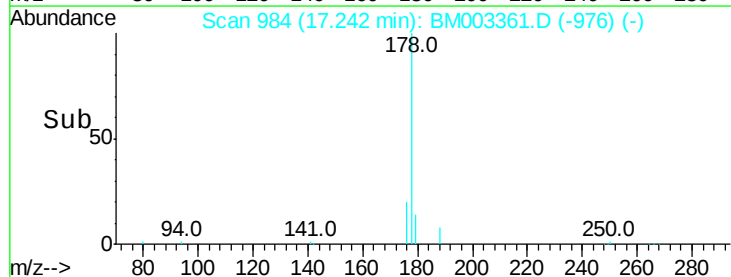
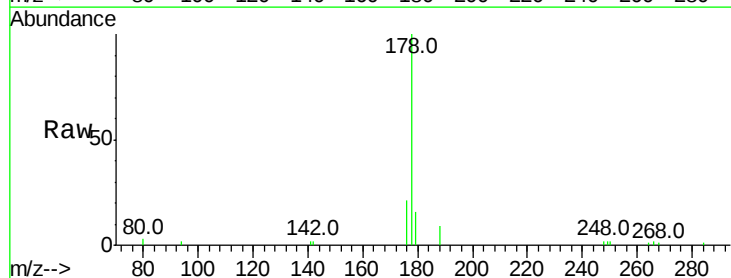
Delta R.T. 0.00 min

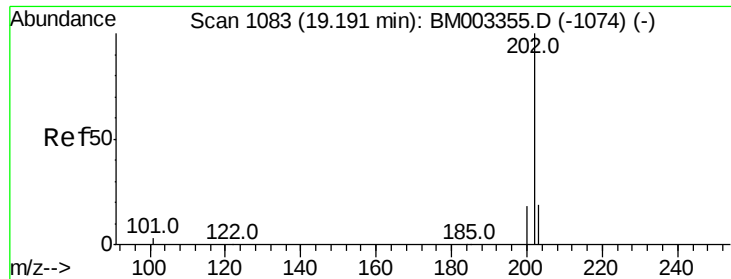
Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:178 Resp: 7213

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	15.0	12.8	19.2





#25

Fluoranthene

Concen: 0.15 ng

RT: 19.19 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

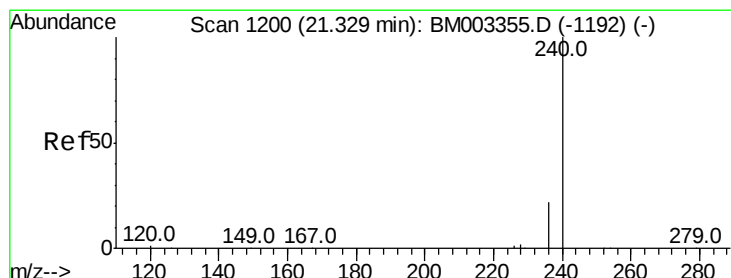
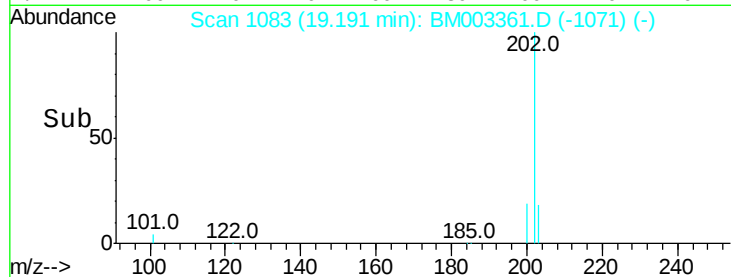
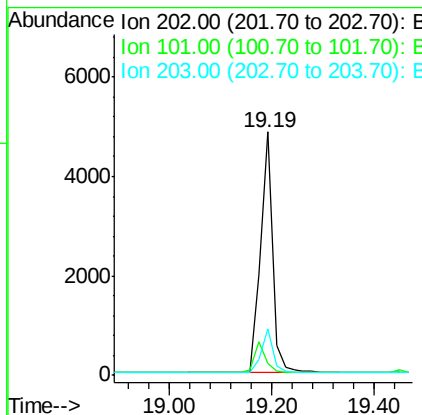
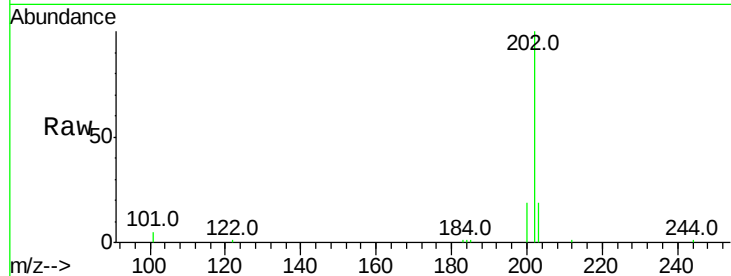
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion:	202	Resp:	7910
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.9	14.9
203	17.8	13.9	20.9

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#26

Chrysene-d12

Concen: 5.00 ng

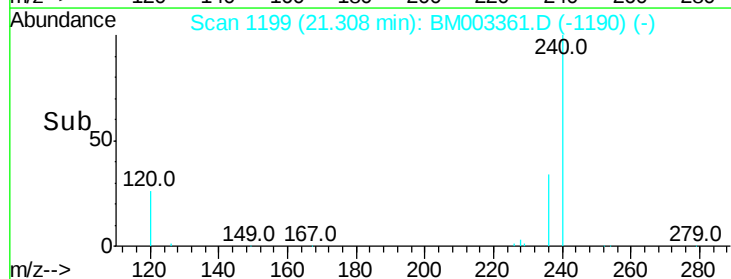
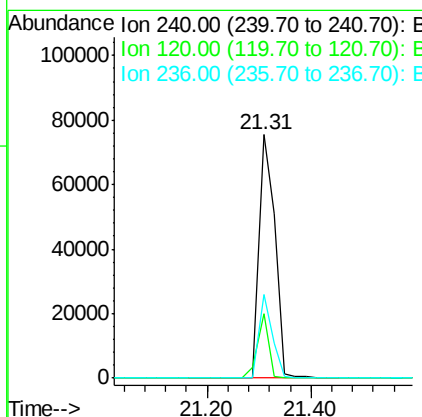
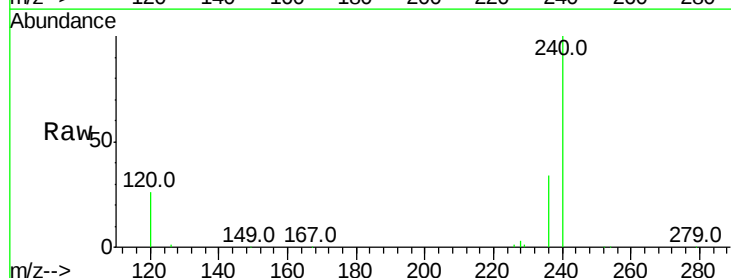
RT: 21.31 min Scan# 1199

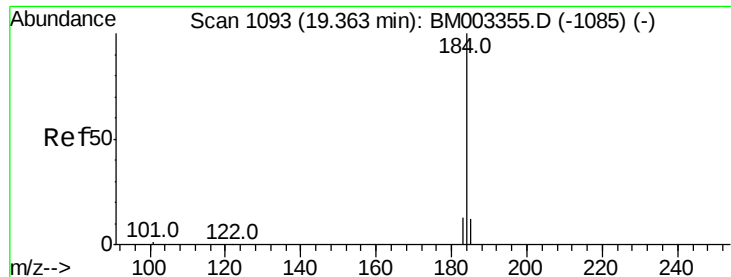
Delta R.T. -0.02 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	240	Resp:	159147
Ion Ratio	Lower	Upper	
240	100		
120	26.2	1.0	1.4#
236	34.3	17.9	26.9#





#27

Benzidine

Concen: 0.44 ng

RT: 19.38 min Scan# 1094

Delta R.T. 0.02 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

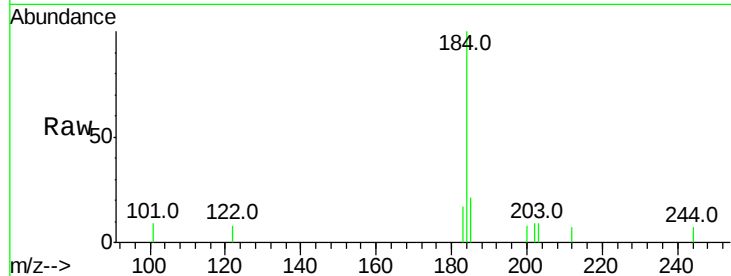
ClientSampleId :

LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
184	100		
185	21.1	11.6	17.4#
183	16.9	8.6	13.0#

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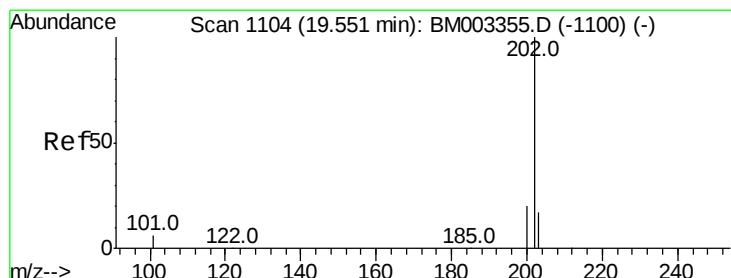
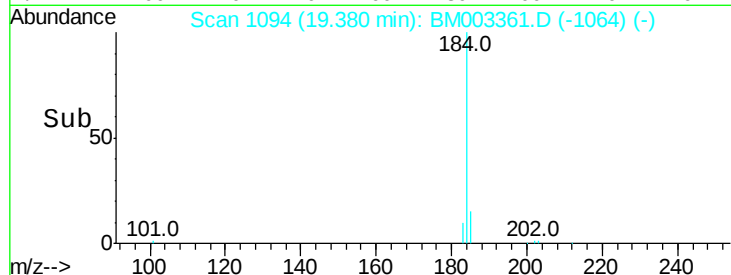
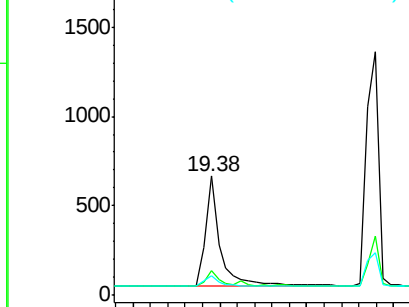
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.14 ng

RT: 19.55 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM003361.D

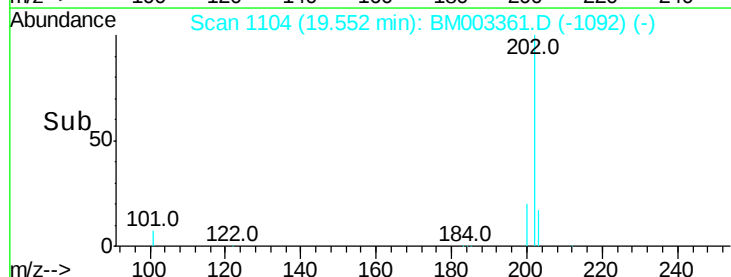
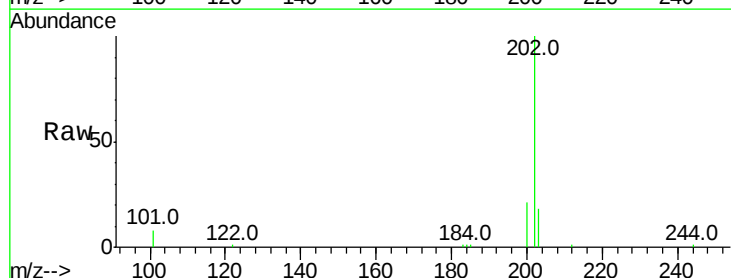
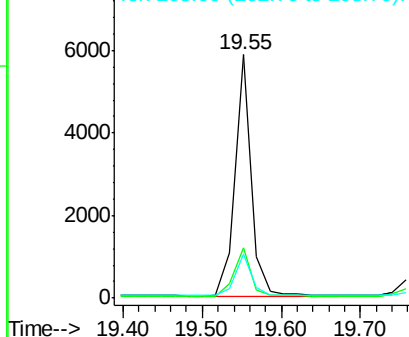
Acq: 02 Dec 2015 18:09

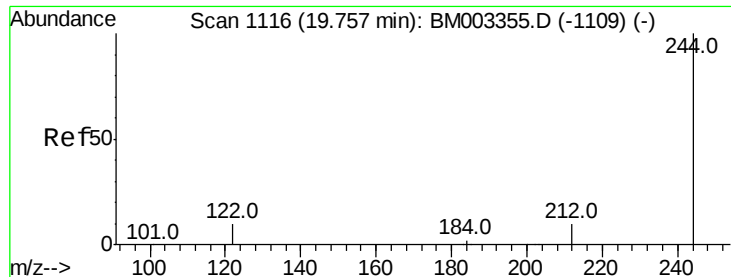
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	18.3	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.52 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003361.D

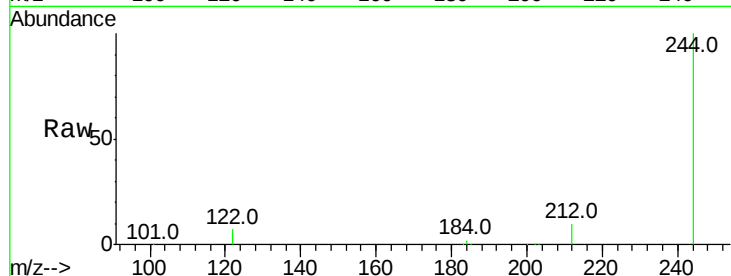
Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL2015-02



Tot Ion:244 Resp: 116709

Ion Ratio Lower Upper

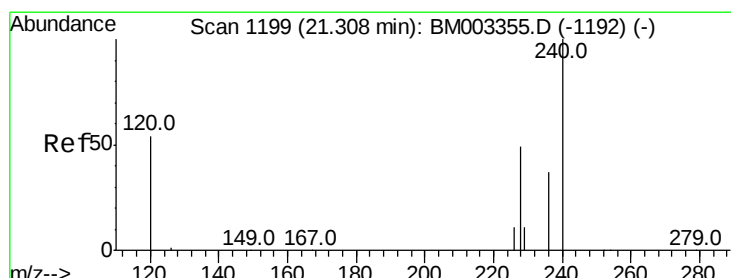
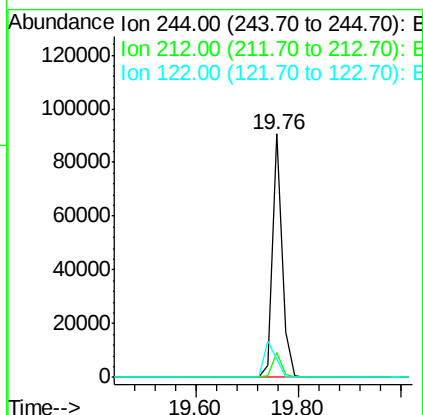
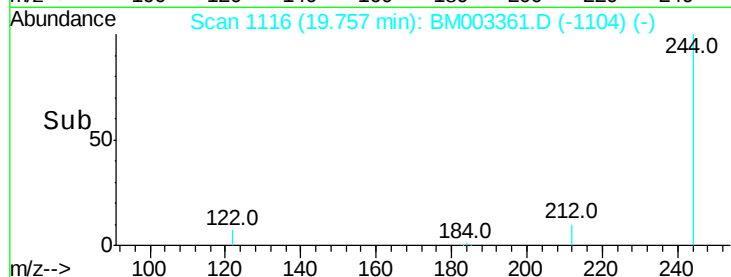
244 100

212 10.1 6.5 9.7#

122 7.4 2.0 3.0#

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#30

Benzo(a)anthracene

Concen: 0.16 ng m

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

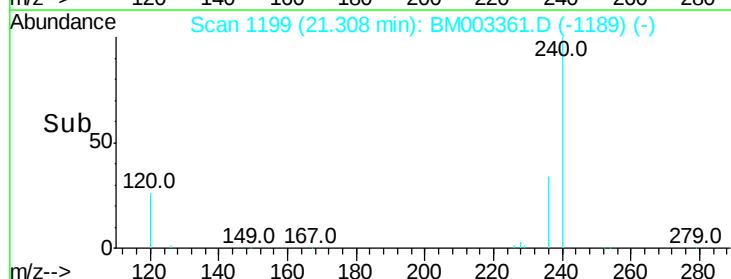
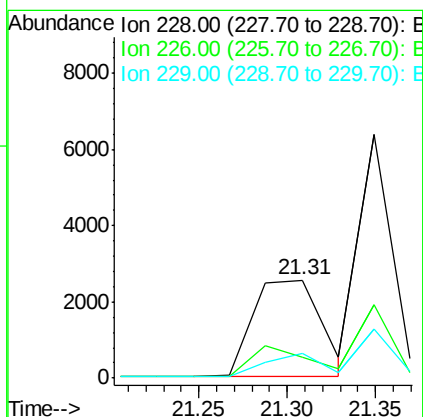
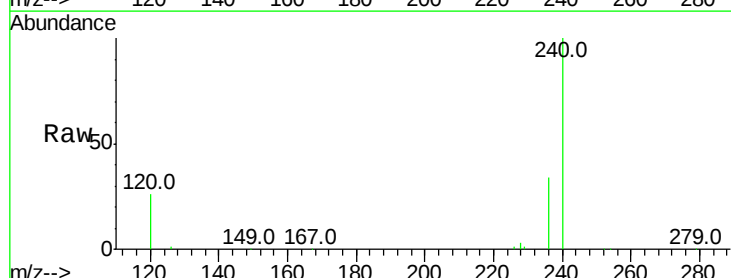
Tgt Ion:228 Resp: 6753

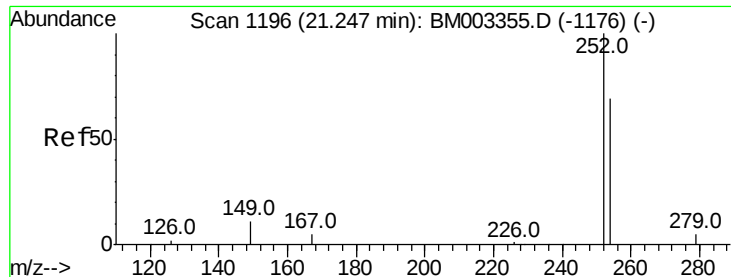
Ion Ratio Lower Upper

228 100

226 21.1 17.8 26.6

229 24.8 18.0 27.0





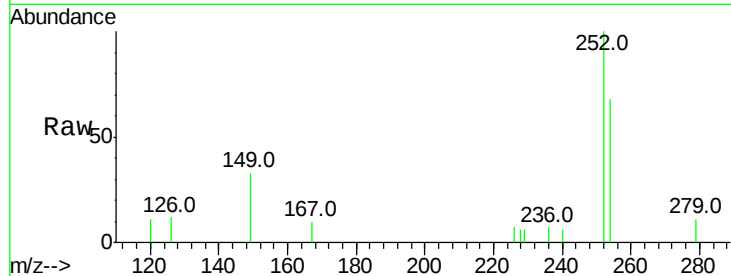
#31
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BM003361.D
 Acq: 02 Dec 2015 18:09

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL2015-02

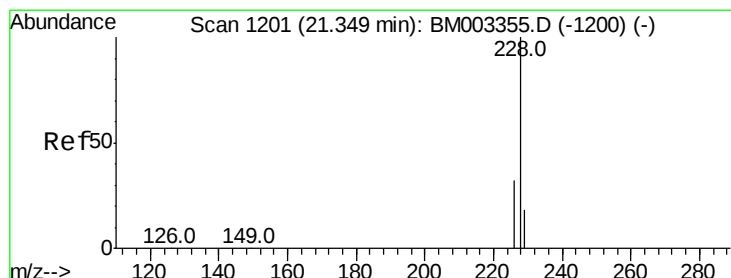
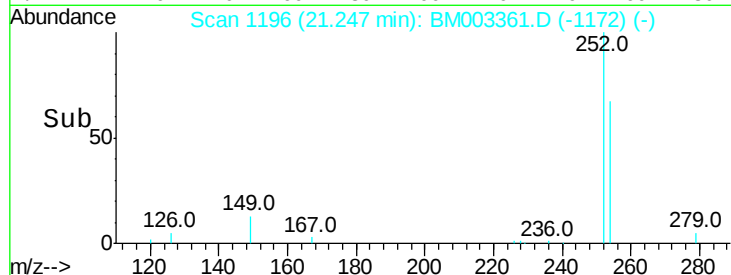
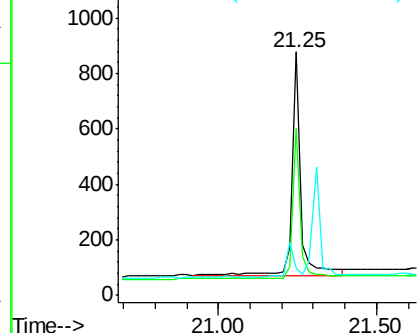
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.3	53.7	80.5
126	11.5	2.8	4.2

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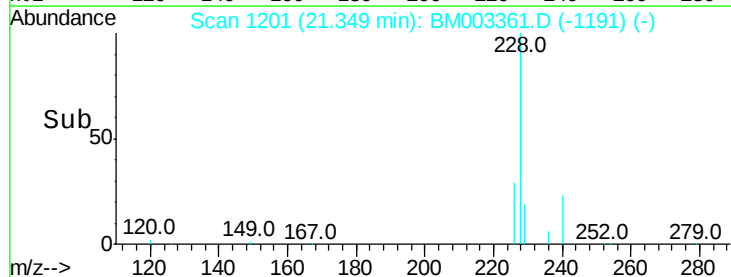
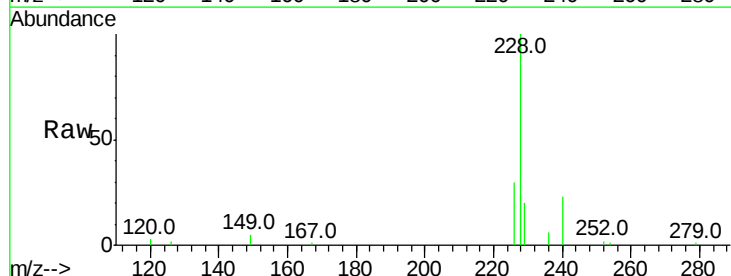
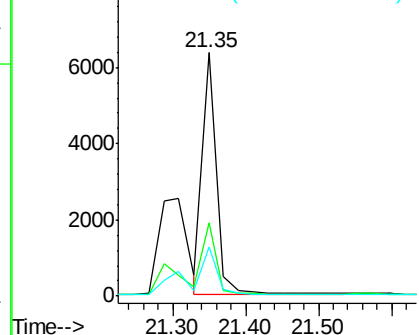
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

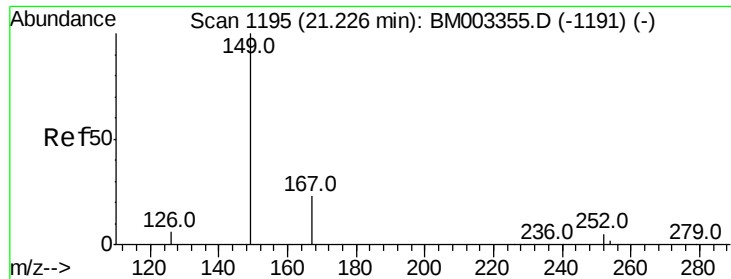


#32
 Chrysene
 Concen: 0.18 ng m
 RT: 21.35 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BM003361.D
 Acq: 02 Dec 2015 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	20.0	14.3	21.5

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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

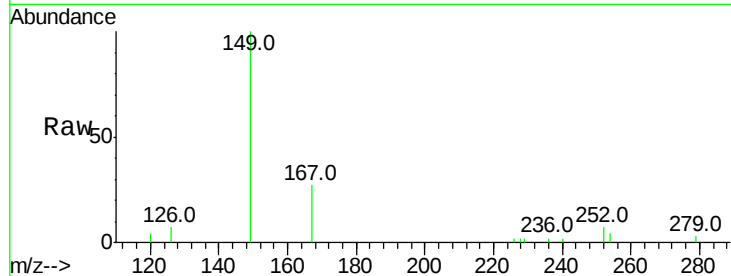
ClientSampleId :

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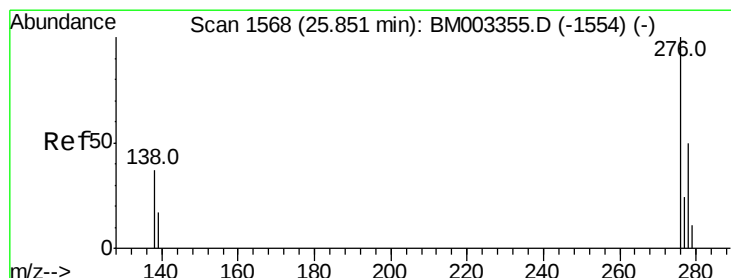
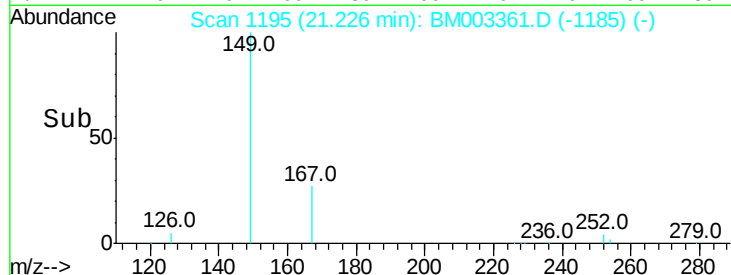
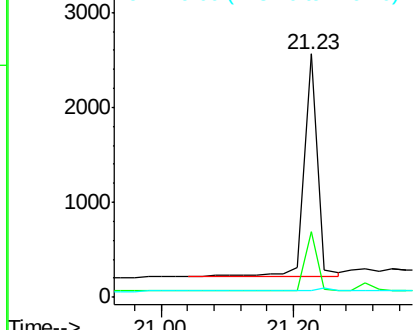
Tot Ion:	149	Resp:	3289
Ion Ratio	Lower	Upper	
149	100		
167	24.5	19.6	29.4
279	0.0	0.0	0.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.16 ng

RT: 25.86 min Scan# 1569

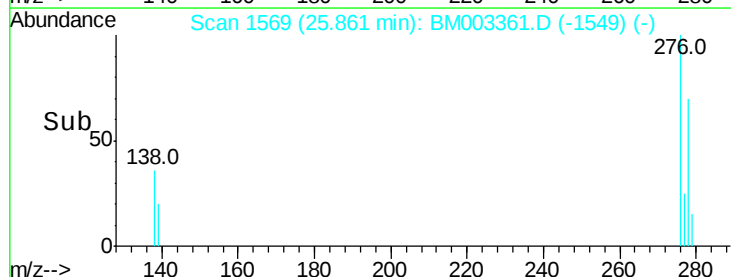
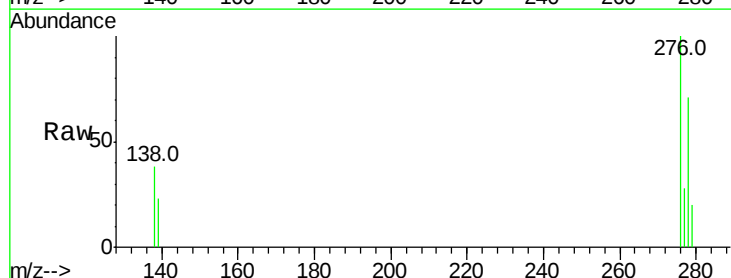
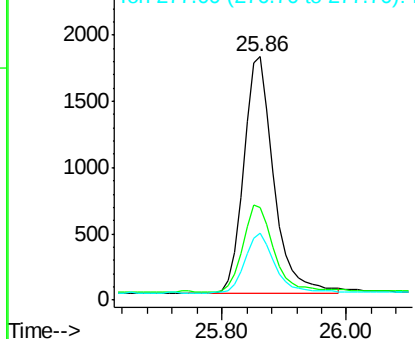
Delta R.T. 0.01 min

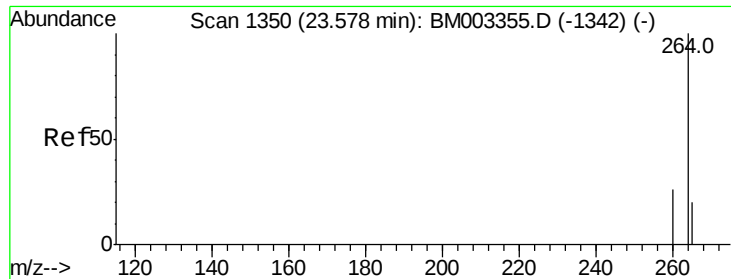
Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:	276	Resp:	6087
Ion Ratio	Lower	Upper	
276	100		
138	37.3	19.1	28.7#
277	24.9	15.9	23.9#

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





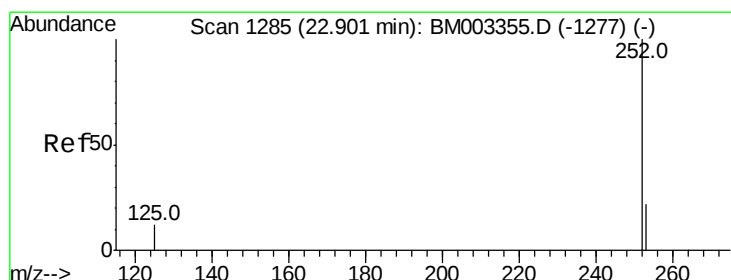
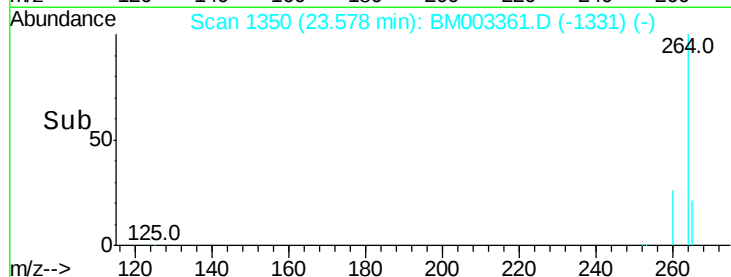
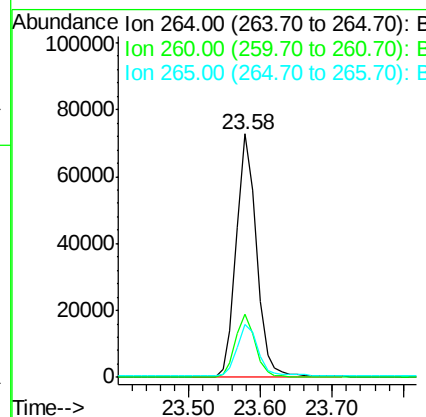
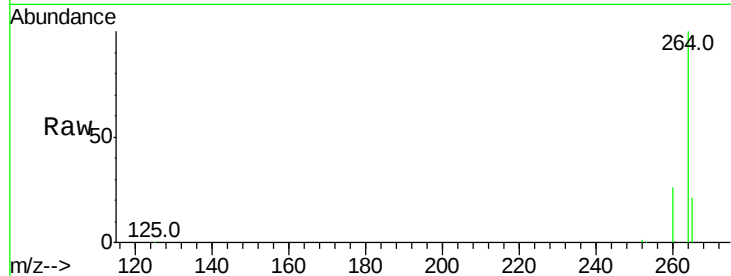
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.6	29.4
265	21.5	18.4	27.6

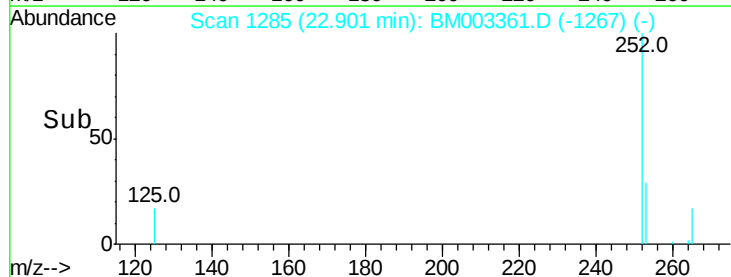
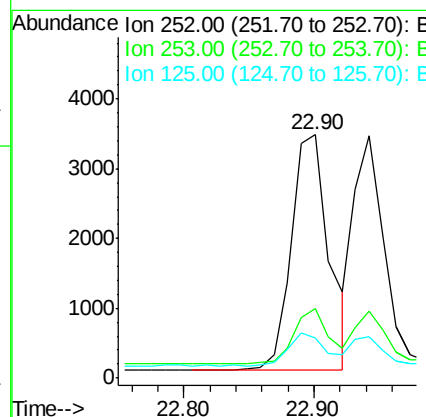
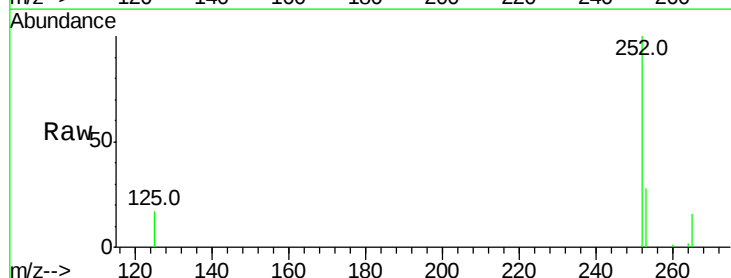
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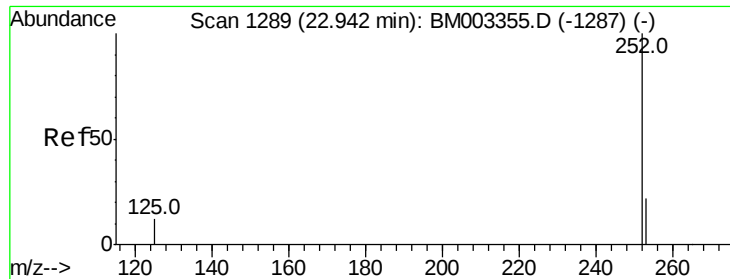
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#36
Benzo(b)fluoranthene
Concen: 0.16 ng
RT: 22.90 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.2	27.4#
125	16.7	10.3	15.5#





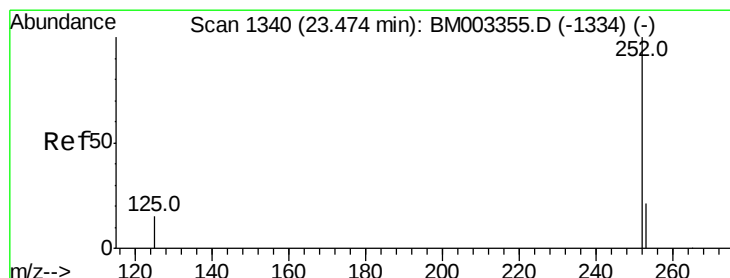
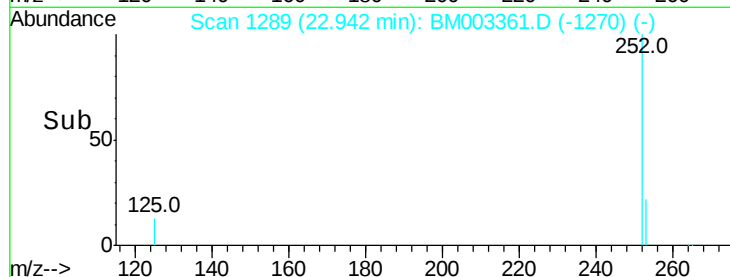
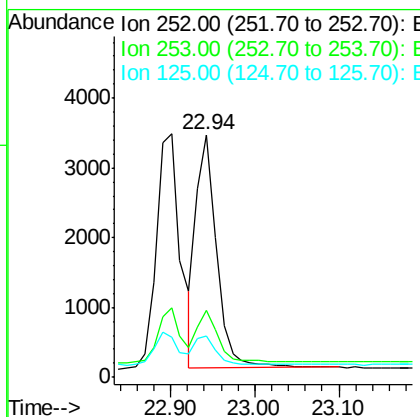
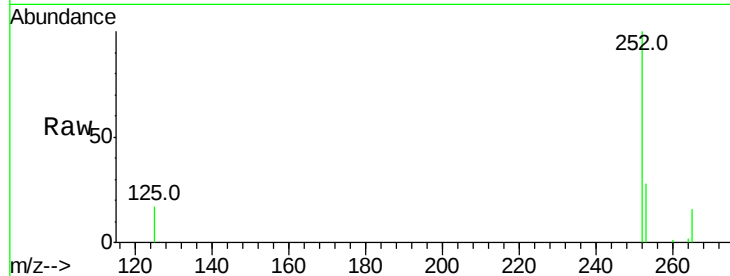
#37
Benzo(k)fluoranthene
Concen: 0.14 ng
RT: 22.94 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL2015-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.5	26.3#
125	17.2	10.7	16.1#

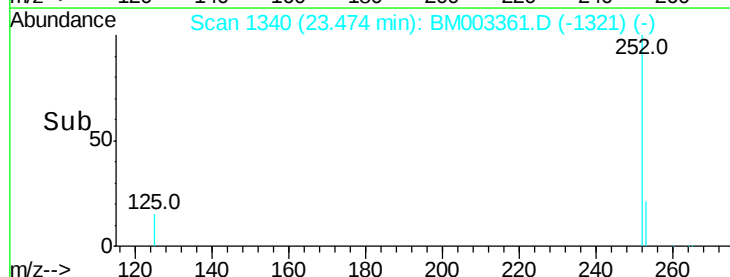
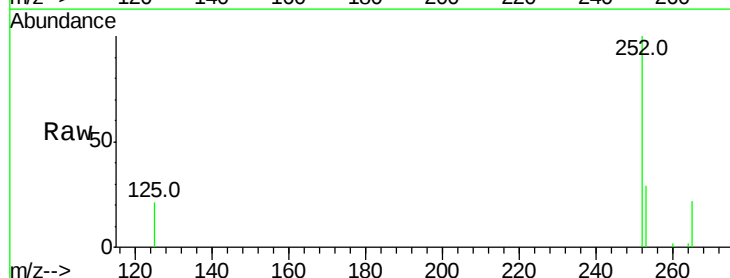
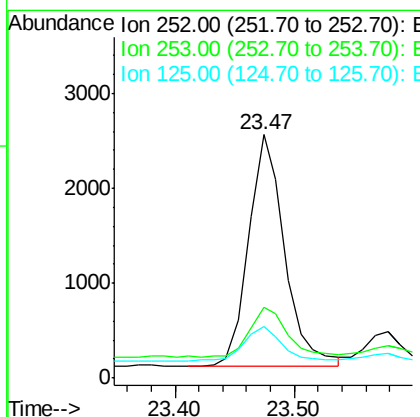
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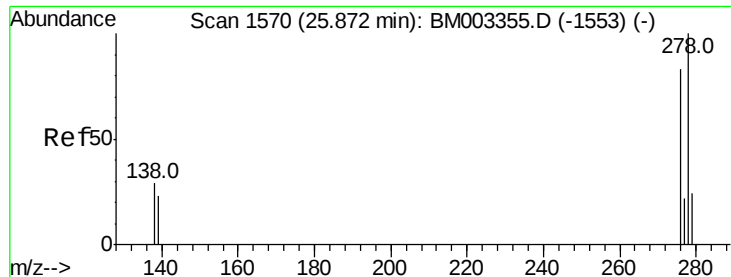
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#38
Benzo(a)pyrene
Concen: 0.14 ng
RT: 23.47 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BM003361.D
Acq: 02 Dec 2015 18:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.7	28.1#
125	21.4	11.6	17.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.15 ng

RT: 25.87 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:278 Resp: 4907

Ion Ratio Lower Upper

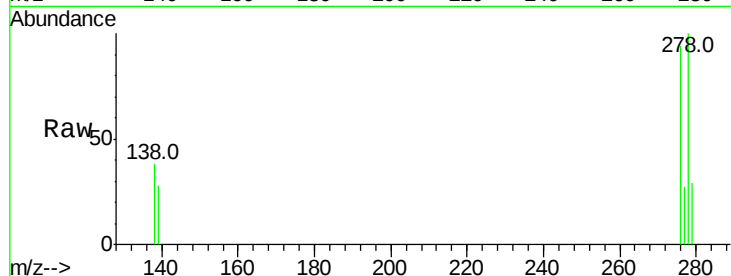
278 100

139 28.2 18.2 27.4#

279 28.9 18.8 28.2#

Manual Integrations
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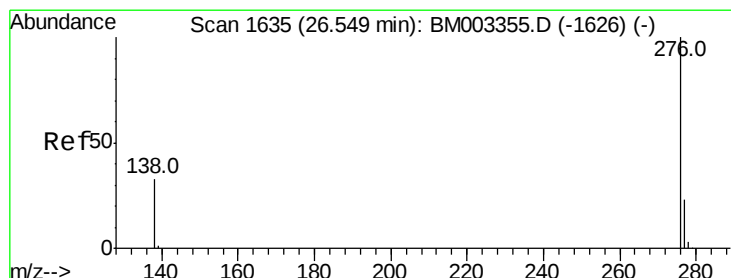
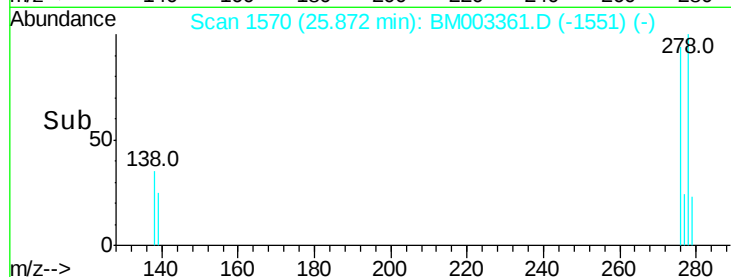
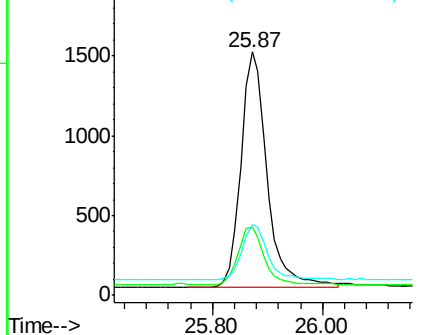
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.17 ng

RT: 26.55 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM003361.D

Acq: 02 Dec 2015 18:09

Tgt Ion:276 Resp: 5647

Ion Ratio Lower Upper

276 100

277 25.7 19.0 28.6

138 36.5 22.3 33.5#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

