

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091975.D
 Acq On : 5 Jul 2016 23:40
 Operator : UM/SJ
 Sample : H3606-03
 Misc : LOD0.1
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations

umangi
 7/6/2016 7:18:48 PM

Quant Time: Jul 06 13:19:22 2016

Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 05 16:14:58 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21977	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	99895	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	71071	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	158722	5.00	ng	0.00
31) Chrysene-d12	21.76	240	290567	5.00	ng	0.00
40) Perylene-d12	24.18	264	229500	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	34039	6.47	ng	0.00
5) Phenol-d6	7.35	99	45122	6.18	ng	-0.02
9) Nitrobenzene-d5	9.36	82	25180	3.70	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	12481	4.96	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	65858	3.80	ng	0.00
34) Terphenyl-d14	20.22	244	111284	3.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	287	0.10	ng	89
3) n-Nitrosodimethylamine	3.85	42	188	0.08	ng	# 84
6) bis(2-Chloroethyl)ether	7.63	93	365	0.06	ng	# 86
7) n-Nitroso-di-n-propylamine	9.02	70	386	0.06	ng	# 96
10) Nitrobenzene	9.40	77	599	0.08	ng	# 88
11) bis(2-Chloroethoxy)methane	10.50	93	490	0.06	ng	# 17
12) Naphthalene	11.04	128	1732	0.07	ng	# 88
13) Hexachlorobutadiene	11.34	225	265	0.07	ng	97
14) 2-Methylnaphthalene	12.69	142	1039	0.07	ng	# 94
18) Acenaphthylene	14.59	152	5651	0.06	ng	# 67
19) 2,6-Dinitrotoluene	14.47	165	666m	0.16	ng	
20) Acenaphthene	14.92	154	1614	0.08	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	657m	0.25	ng	
22) Fluorene	15.91	166	1445	0.07	ng	98
23) 4-Chlorophenyl-phenylether	15.91	204	731	0.07	ng	97
25) 4-Bromophenyl-phenylether	16.80	248	444	0.06	ng	99
26) Hexachlorobenzene	16.92	284	500	0.07	ng	96
27) Pentachlorophenol	17.32	266	46m	0.13	ng	
28) Phenanthrene	17.64	178	2996m	0.07	ng	
29) Anthracene	17.73	178	2509	0.06	ng	99
30) Fluoranthene	19.65	202	13391	0.08	ng	# 88
32) Benzidine	19.86	184	478	0.23	ng	# 22
33) Pyrene	20.02	202	13238	0.06	ng	# 80
35) Benzo(a)anthracene	21.73	228	4304m	0.09	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	670	Below Cal	#	88
37) Chrysene	21.79	228	6065m	0.09	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	3198m	0.06	ng	
39) Indeno(1,2,3-cd)pyrene	26.70	276	16806	0.06	ng	98
41) Benzo(b)fluoranthene	23.44	252	4056	0.06	ng	# 92
42) Benzo(k)fluoranthene	23.48	252	4036	0.07	ng	# 95
43) Benzo(a)pyrene	24.06	252	3784	0.06	ng	# 92
44) Dibenzo(a,h)anthracene	26.73	278	3337	0.06	ng	# 90
45) Benzo(a,h,i)perylene	27.48	276	15084	0.07	ng	92

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Misc : LOD0.1
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations

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7/6/2016 7:18:48 PM

Quant Time: Jul 06 13:19:22 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

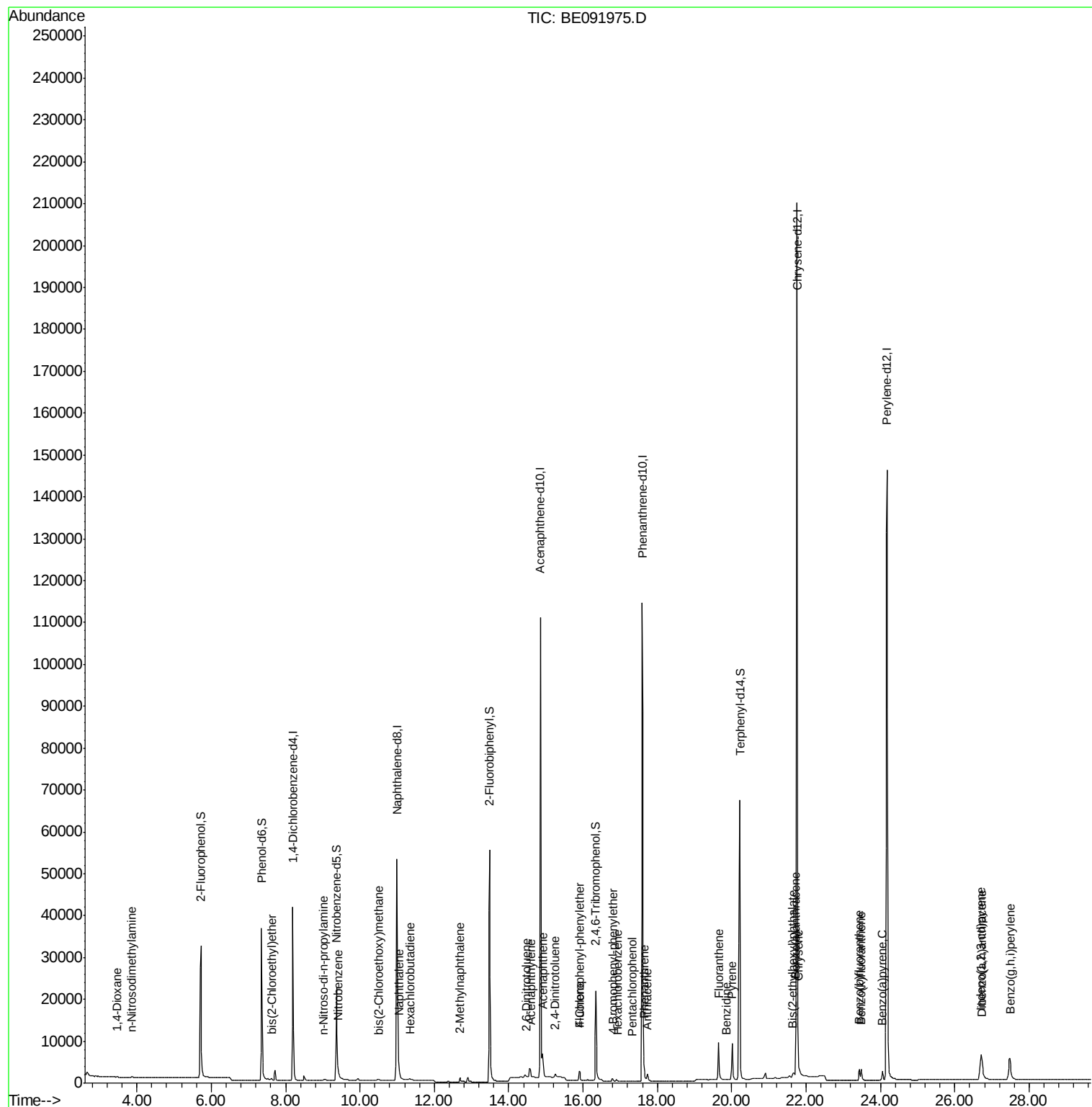
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091975.D
Acq On : 5 Jul 2016 23:40
Operator : UM/SJ
Sample : H3606-03
Misc : LOD0.1
ALS Vial : 10 Sample Multiplier: 1

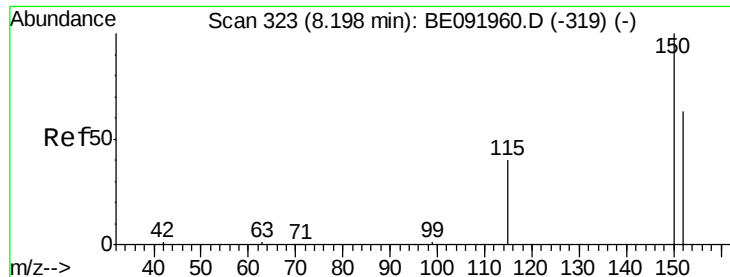
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Manual Integrations

umangi
7/6/2016 7:18:48 PM

Quant Time: Jul 06 13:19:22 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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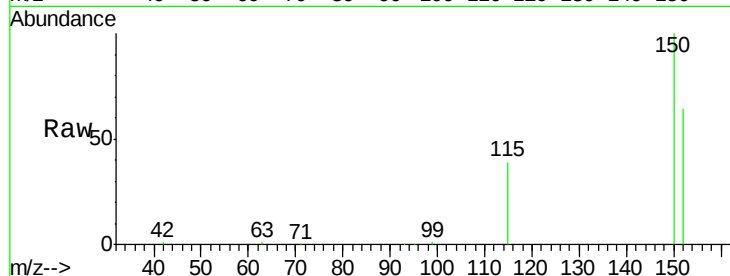




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

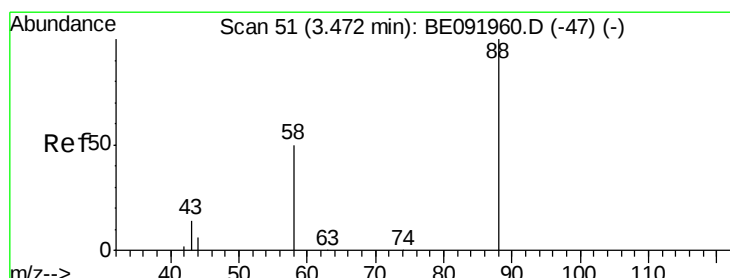
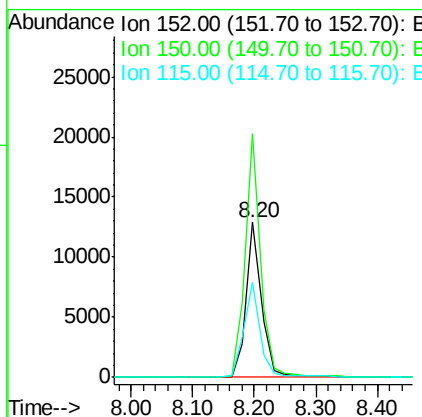
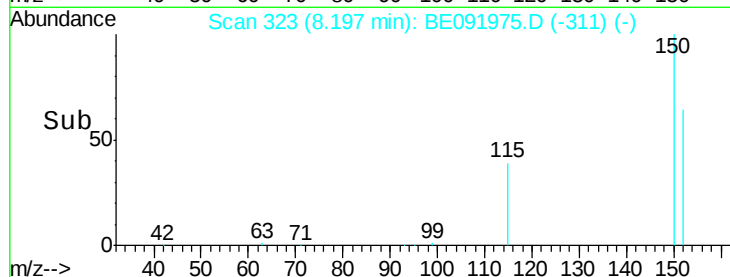
Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01



Tot Ion:152 Resp: 21977
Ion Ratio Lower Upper
152 100
150 157.1 123.9 185.9
115 61.6 48.3 72.5

Manual Integrations

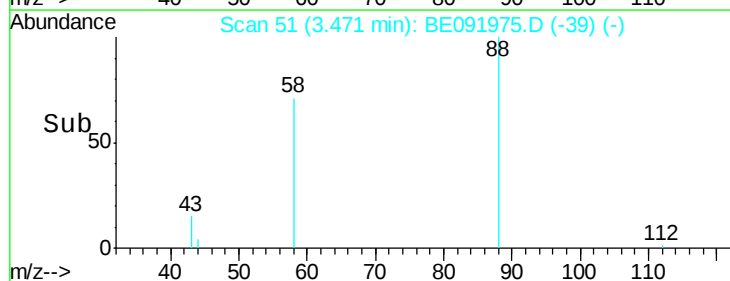
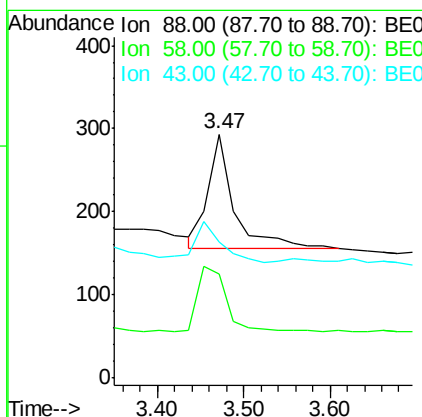
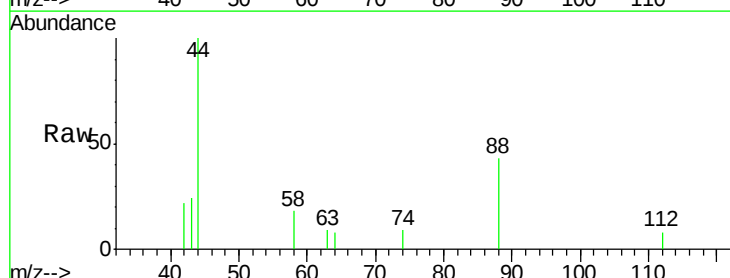
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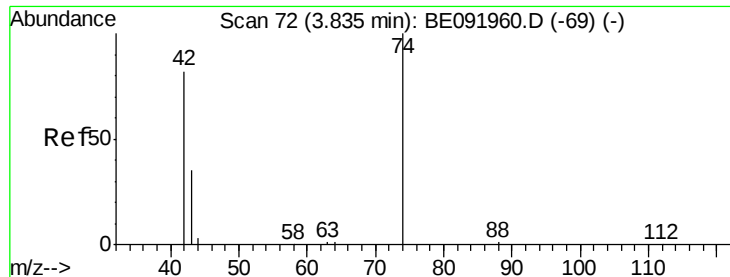


#2

1,4-Dioxane
Concen: 0.10 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion: 88 Resp: 287
Ion Ratio Lower Upper
88 100
58 65.9 63.0 94.4
43 37.6 29.1 43.7





#3

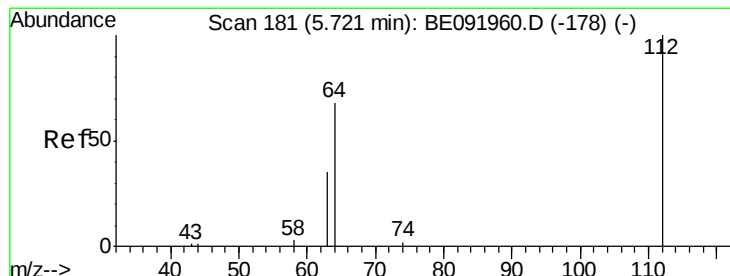
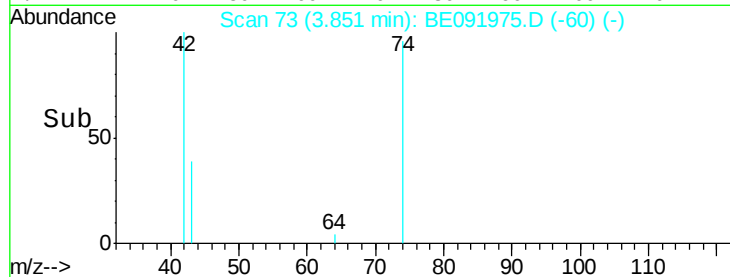
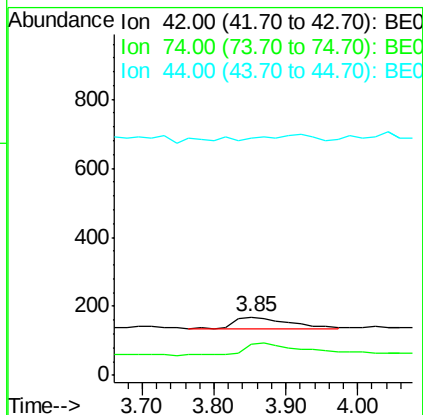
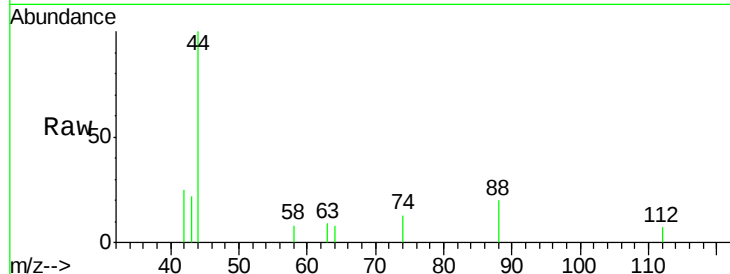
n-Nitrosodimethylamine
 Concen: 0.08 ng
 RT: 3.85 min Scan# 73
 Delta R.T. 0.02 min
 Lab File: BE091975.D
 Acq: 5 Jul 2016 23:40

Instrument :
 BNA_E
 ClientSampleId :
 LOD-SOIL2016-01

Manual Integrations

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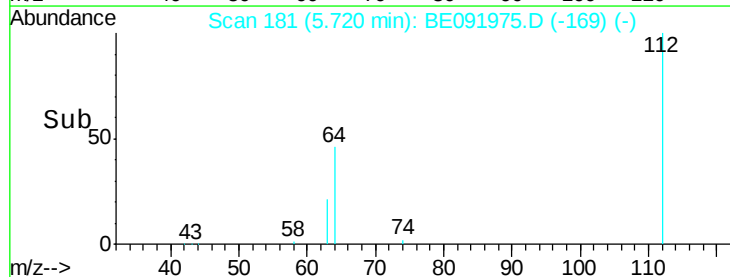
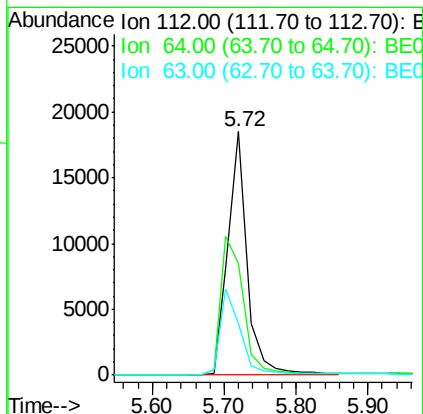
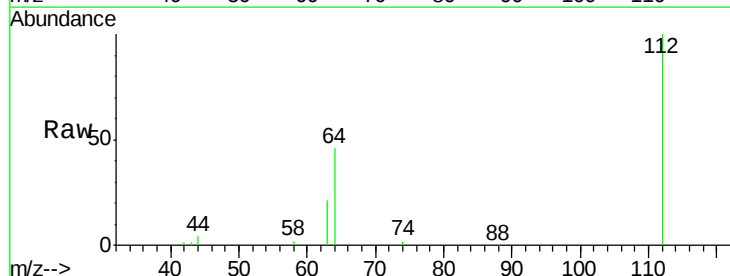
Tot Ion	Ratio	Lower	Upper
42	100		
74	98.9	93.4	140.0
44	0.0	5.0	7.6#

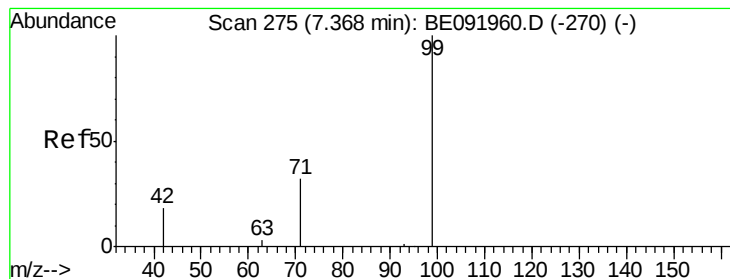


#4

2-Fluorophenol
 Concen: 6.47 ng
 RT: 5.72 min Scan# 181
 Delta R.T. -0.00 min
 Lab File: BE091975.D
 Acq: 5 Jul 2016 23:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.7	80.5
63	36.5	29.5	44.3





#5

Phenol-d6

Concen: 6.18 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 99 Resp: 45122

Ion Ratio Lower Upper

99 100

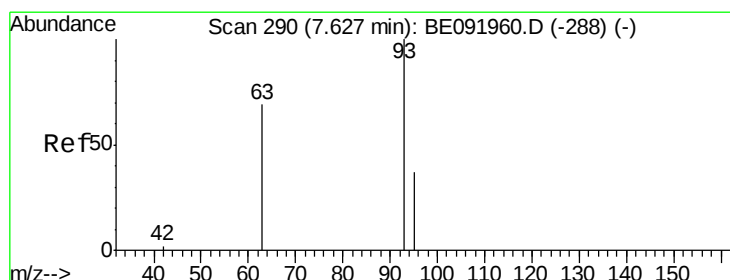
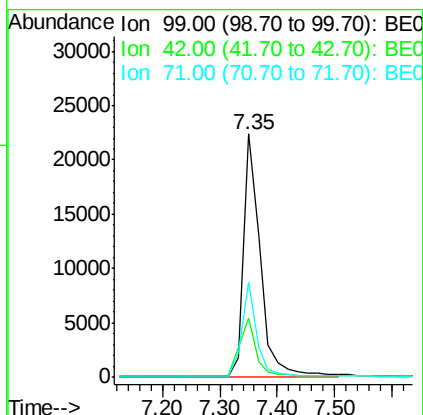
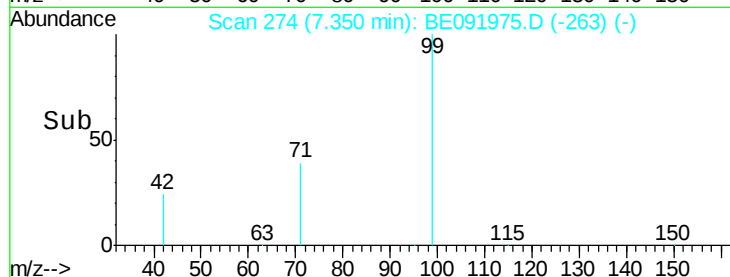
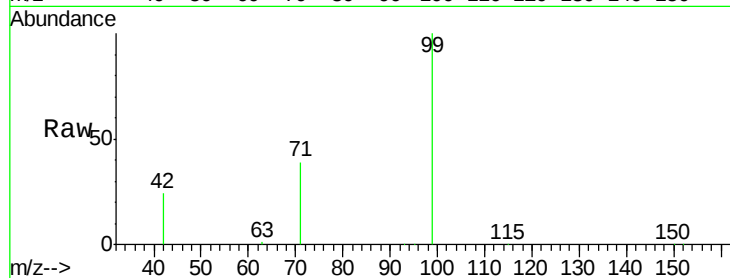
42 24.2 19.6 29.4

71 35.3 28.1 42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 0.06 ng

RT: 7.63 min Scan# 290

Delta R.T. -0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

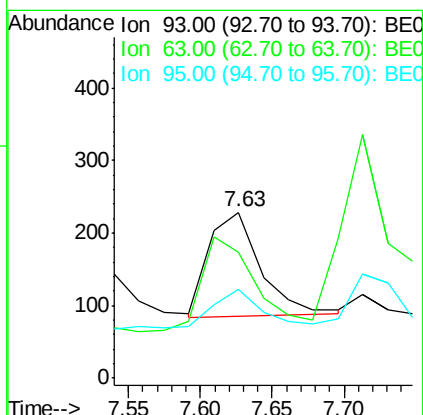
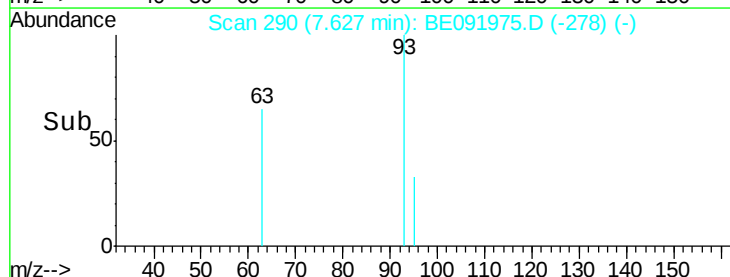
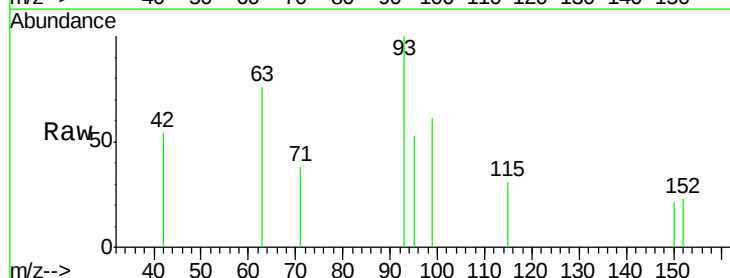
Tgt Ion: 93 Resp: 365

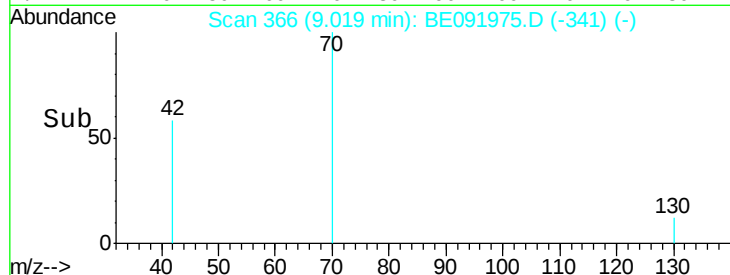
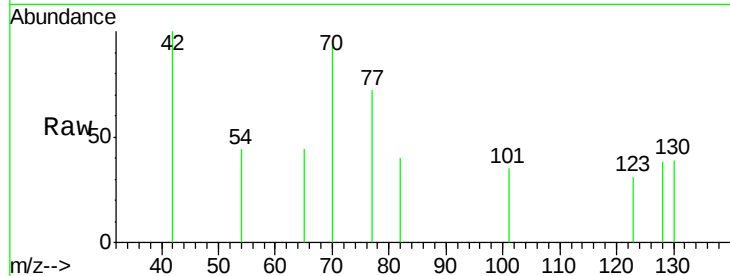
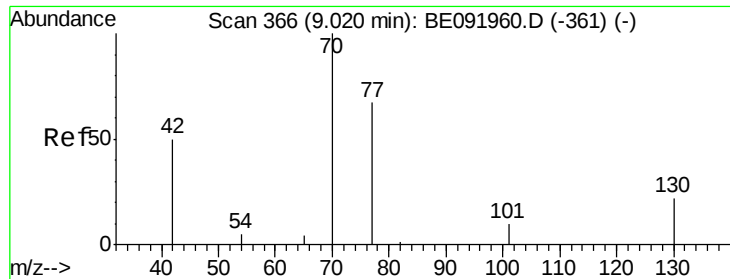
Ion Ratio Lower Upper

93 100

63 94.8 66.2 99.4

95 41.6 25.5 38.3#





#7

n-Nitroso-di-n-propylamine

Concen: 0.06 ng

RT: 9.02 min Scan# 366

Delta R.T. -0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 70 Resp: 386

Ion Ratio Lower Upper

70 100

42 75.9 58.4 87.6

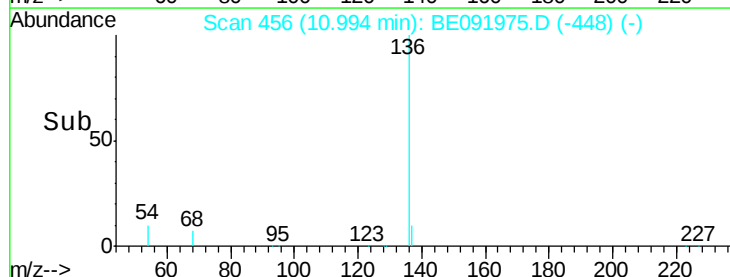
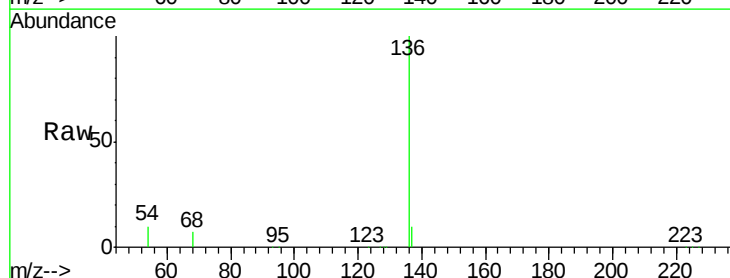
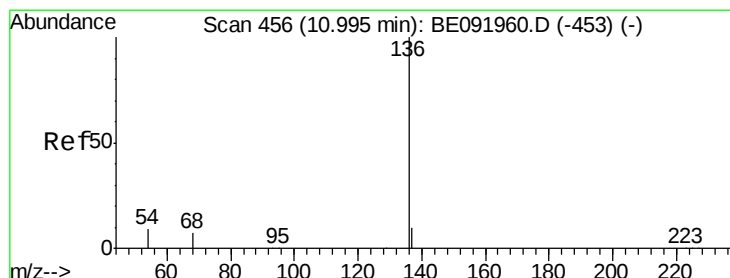
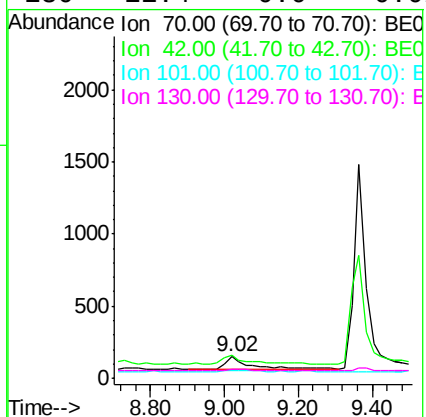
101 6.0 6.4 9.6#

130 11.4 0.0 0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Tgt Ion:136 Resp: 99895

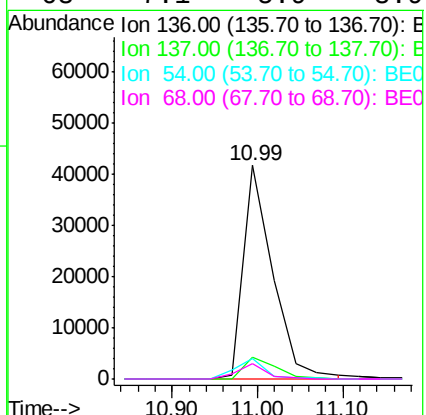
Ion Ratio Lower Upper

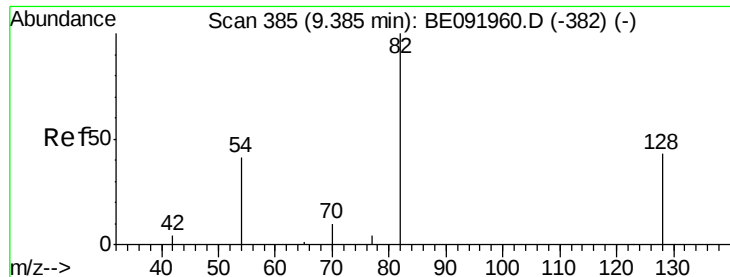
136 100

137 10.0 8.3 12.5

54 9.7 8.2 12.4

68 7.1 5.9 8.9





#9

Nitrobenzene-d5

Concen: 3.70 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

Tot Ion: 82 Resp: 25180

Ion Ratio Lower Upper

82 100

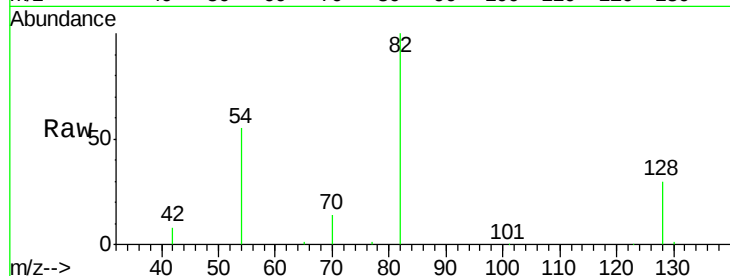
128 30.2 39.5 59.3#

54 55.0 30.3 45.5#

Manual Integrations

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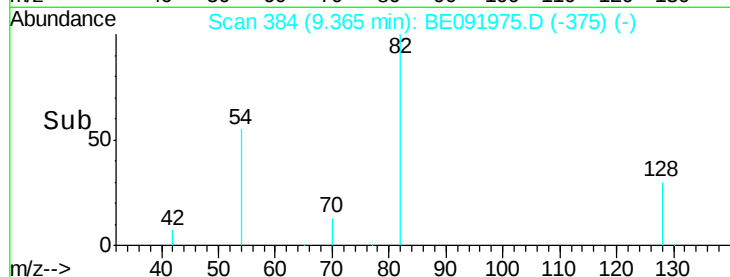


Abundance Ion 82.00 (81.70 to 82.70): BE091960.D (-382) (-)

Ion 128.00 (127.70 to 128.70): BE091960.D (-382) (-)

Ion 54.00 (53.70 to 54.70): BE091960.D (-382) (-)

Time-->

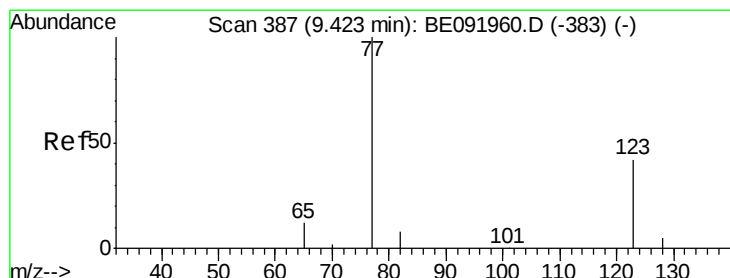


Abundance Ion 82.00 (81.70 to 82.70): BE091975.D (-375) (-)

Ion 128.00 (127.70 to 128.70): BE091975.D (-375) (-)

Ion 54.00 (53.70 to 54.70): BE091975.D (-375) (-)

Time-->



#10

Nitrobenzene

Concen: 0.08 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

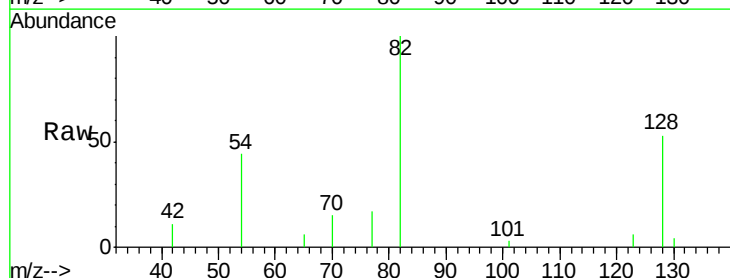
Tgt Ion: 77 Resp: 599

Ion Ratio Lower Upper

77 100

123 34.4 0.0 0.0#

65 18.9 11.1 16.7#

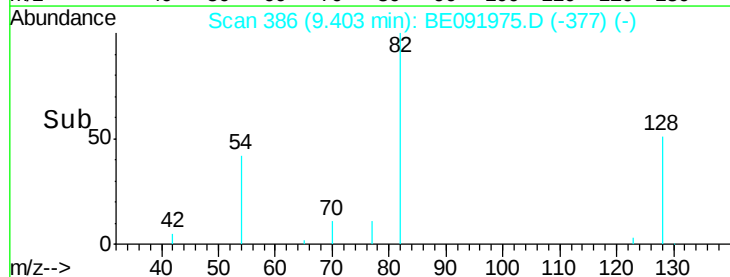


Abundance Ion 77.00 (76.70 to 77.70): BE091960.D (-383) (-)

Ion 123.00 (122.70 to 123.70): BE091960.D (-383) (-)

Ion 65.00 (64.70 to 65.70): BE091960.D (-383) (-)

Time-->

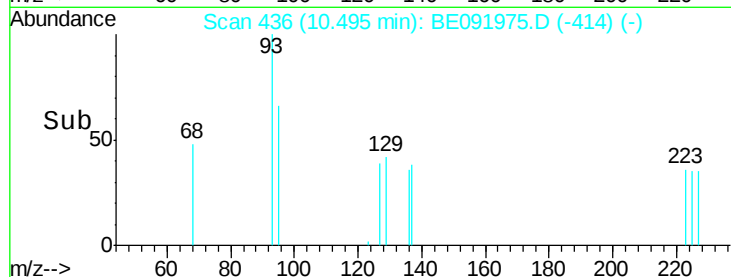
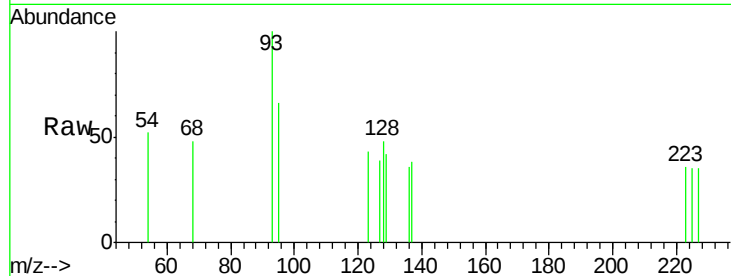
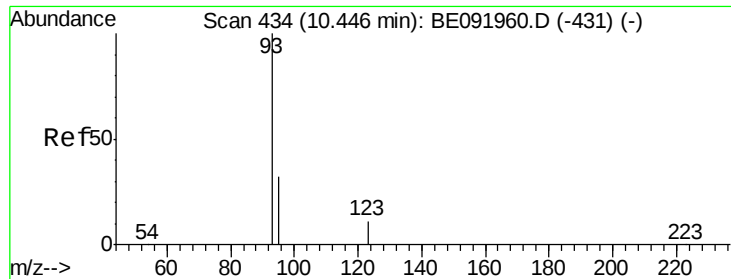


Abundance Ion 77.00 (76.70 to 77.70): BE091975.D (-377) (-)

Ion 123.00 (122.70 to 123.70): BE091975.D (-377) (-)

Ion 65.00 (64.70 to 65.70): BE091975.D (-377) (-)

Time-->



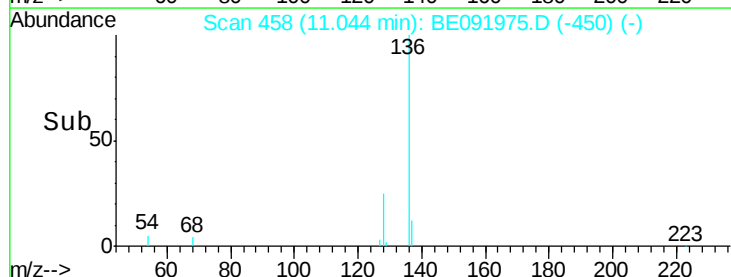
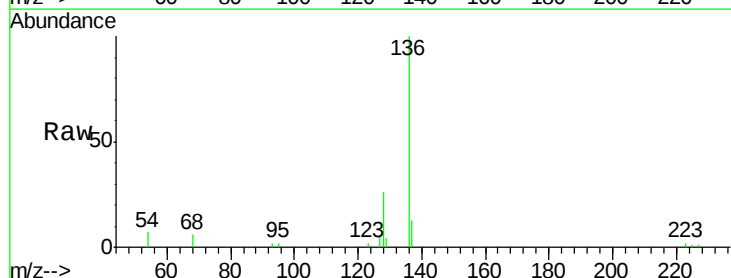
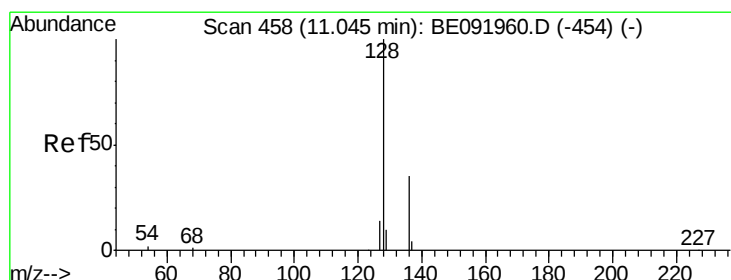
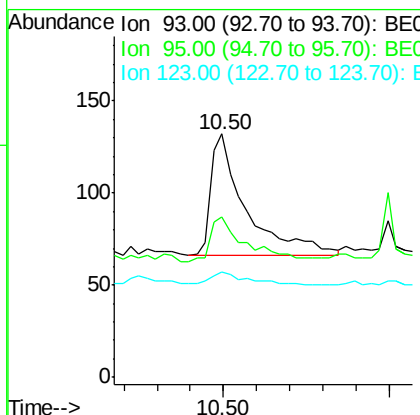
#11
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.50 min Scan# 436
Delta R.T. 0.05 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion: 93 Resp: 490
Ion Ratio Lower Upper
93 100
95 26.9 57.6 86.4#
123 11.0 100.2 150.4#

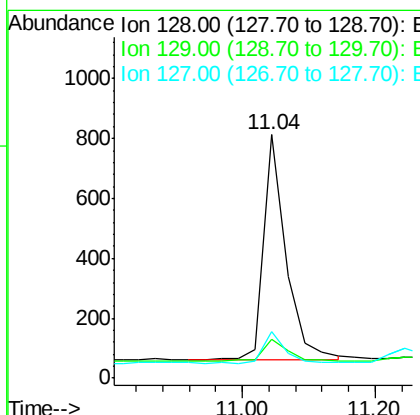
Manual Integrations

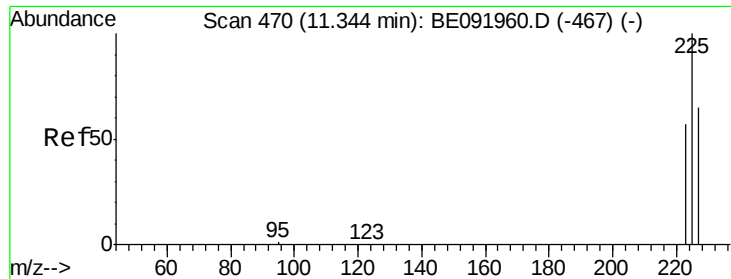
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#12
Naphthalene
Concen: 0.07 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion: 128 Resp: 1732
Ion Ratio Lower Upper
128 100
129 16.2 10.4 15.6#
127 18.9 10.2 15.2#





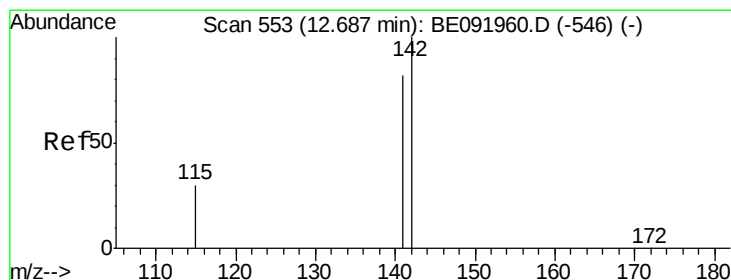
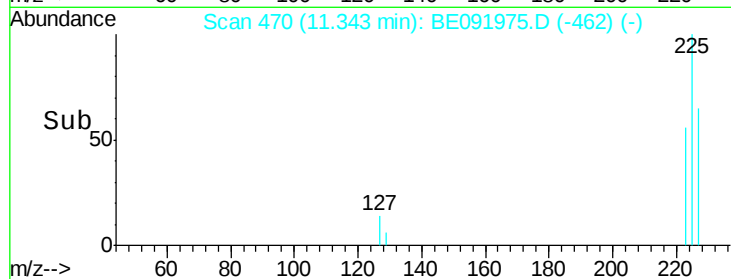
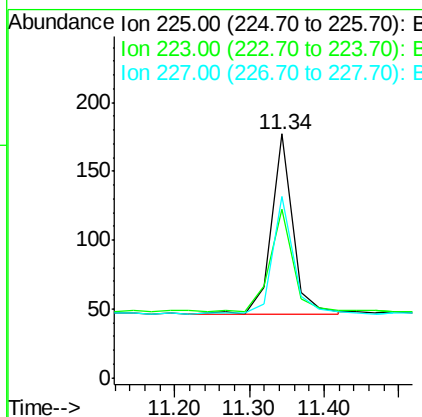
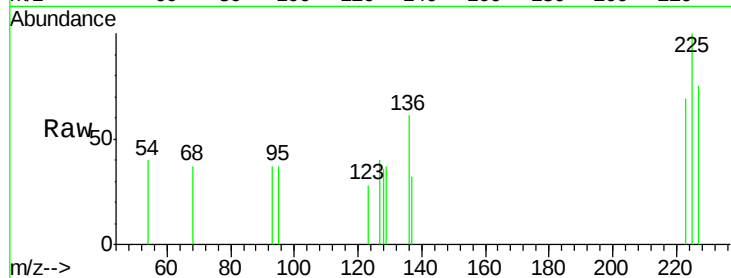
#13
Hexachlorobutadiene
Concen: 0.07 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:225 Resp: 265
Ion Ratio Lower Upper
225 100
223 60.4 49.8 74.8
227 66.0 50.6 75.8

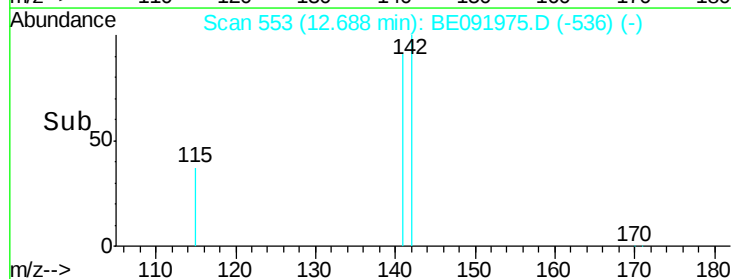
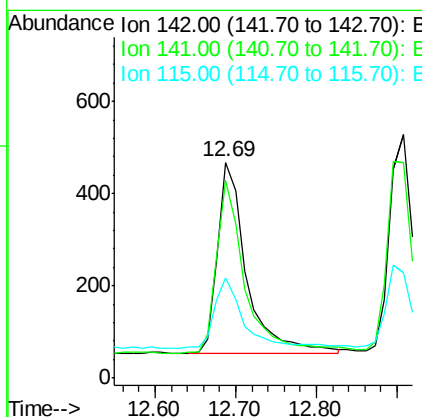
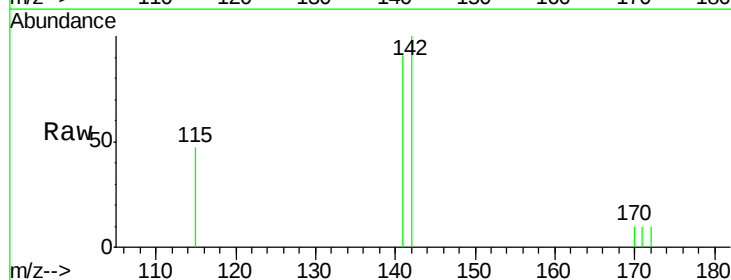
Manual Integrations

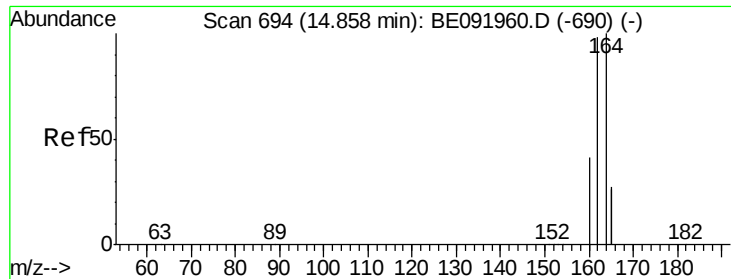
umangi
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#14
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:142 Resp: 1039
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9
115 46.7 29.9 44.9#





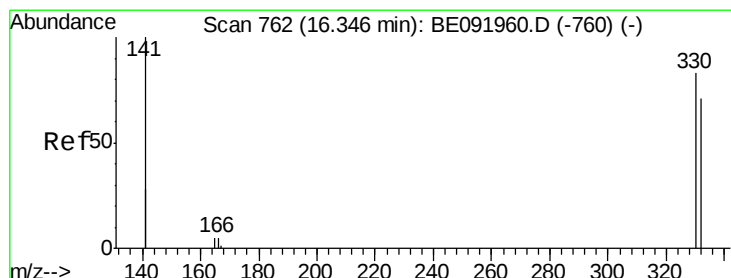
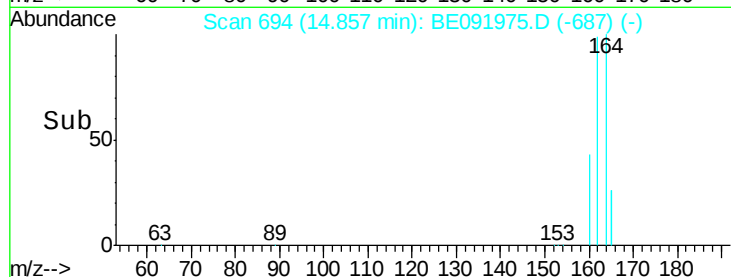
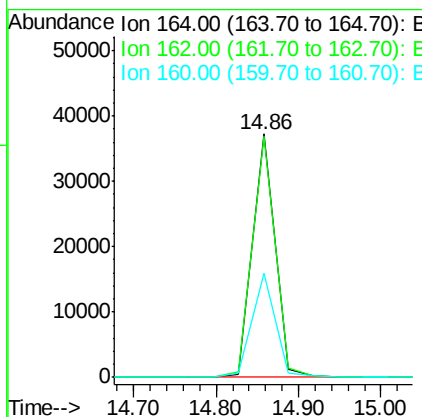
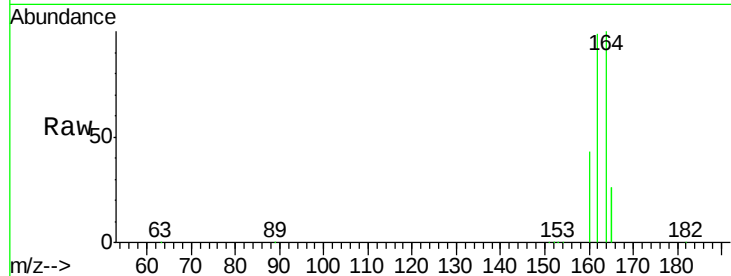
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:164 Resp: 71071
Ion Ratio Lower Upper
164 100
162 99.0 71.8 107.8
160 42.7 28.0 42.0#

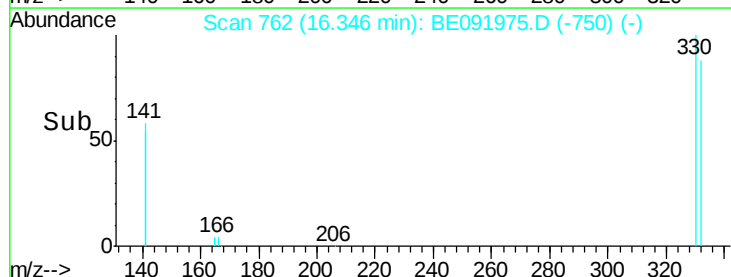
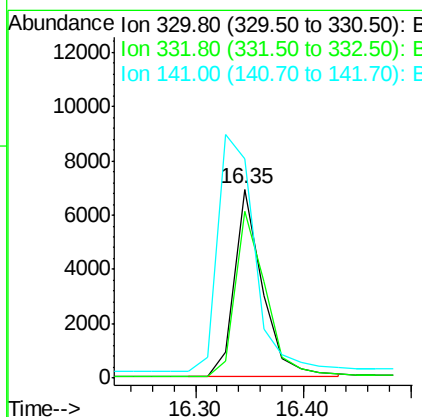
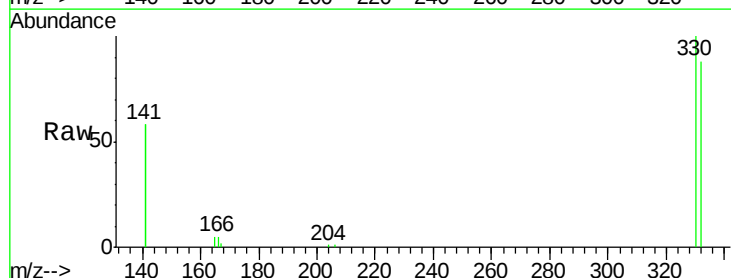
Manual Integrations

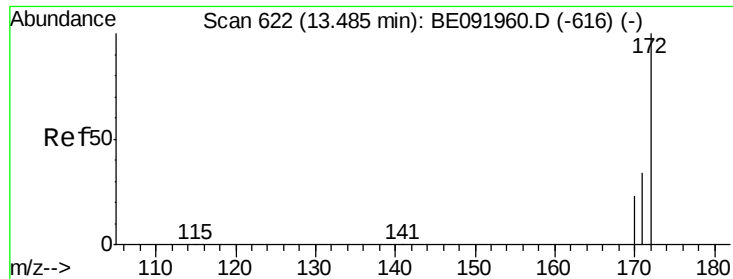
umangi
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#16
2,4,6-Tribromophenol
Concen: 4.96 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:330 Resp: 12481
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 166.2 138.4 207.6





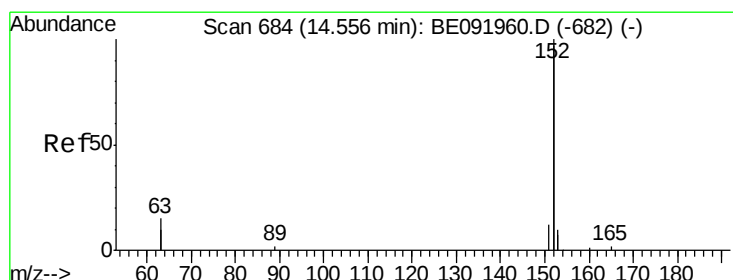
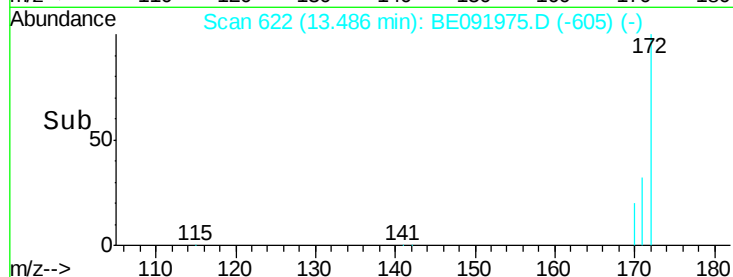
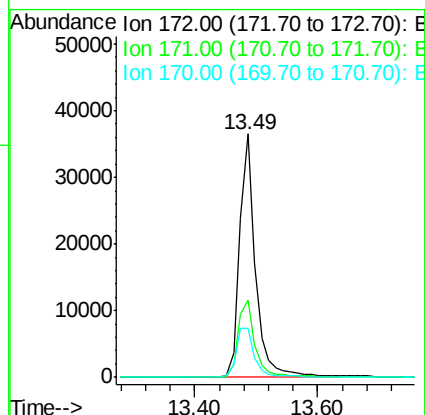
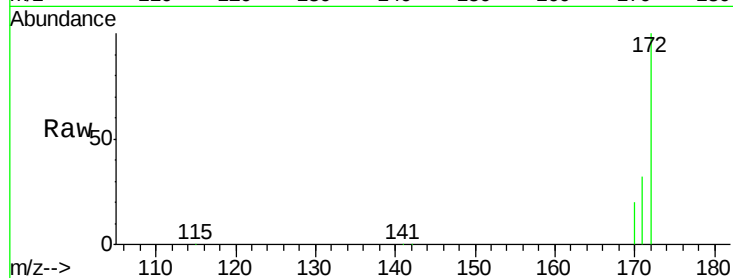
#17
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.8	24.3	36.5
170	20.0	14.9	22.3

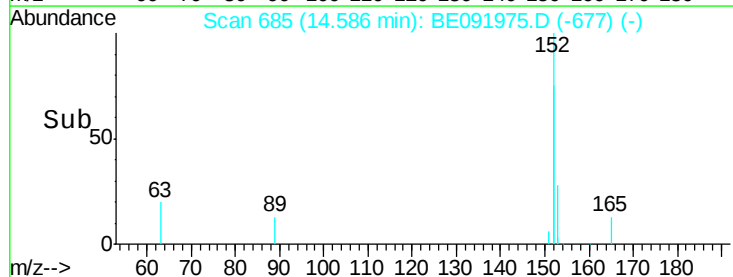
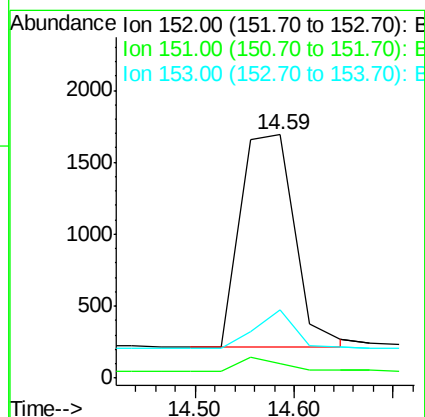
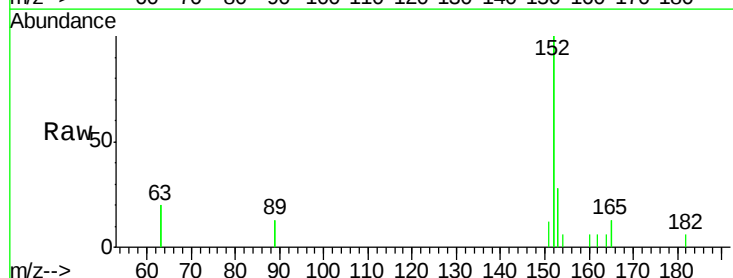
Manual Integrations

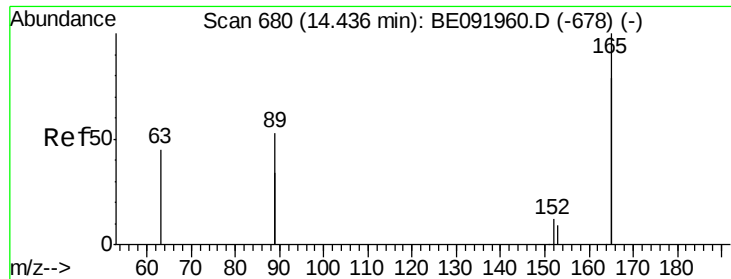
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#18
Acenaphthylene
Concen: 0.06 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	19.4	29.2#
153	13.4	14.4	21.6#





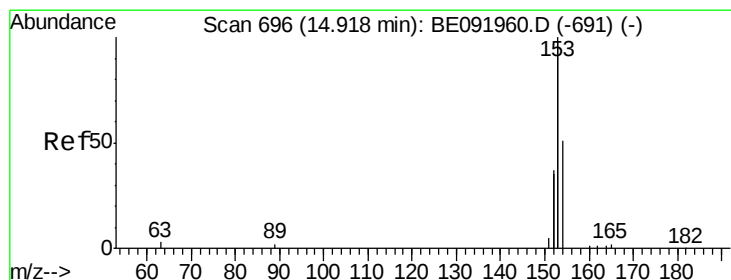
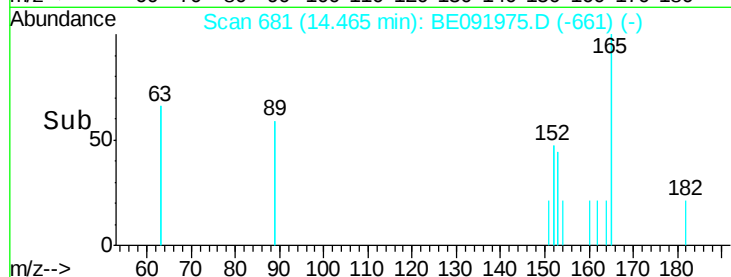
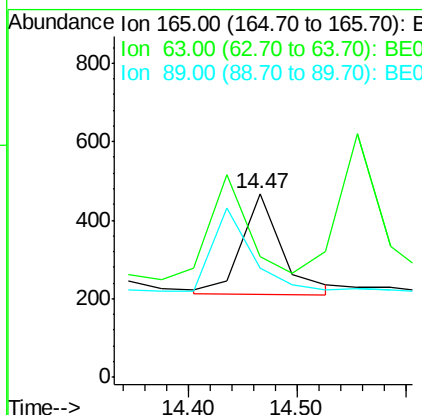
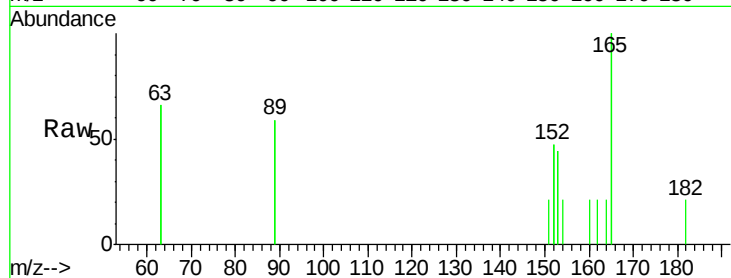
#19
2,6-Dinitrotoluene
Concen: 0.16 ng m
RT: 14.47 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:165 Resp: 666
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 414.7 59.1 88.7#

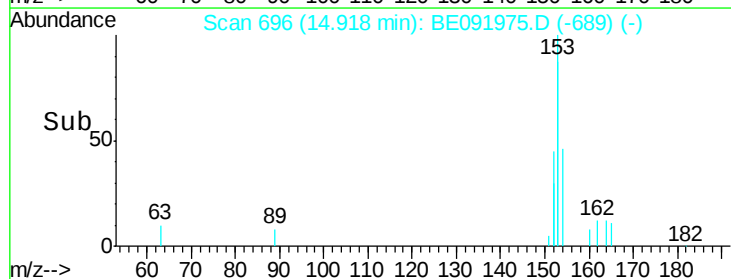
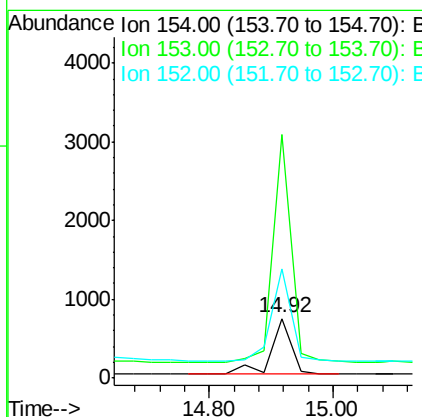
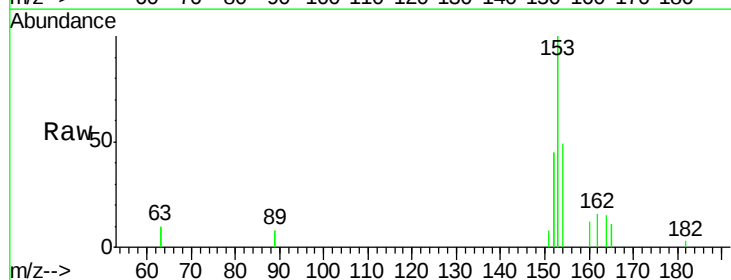
Manual Integrations

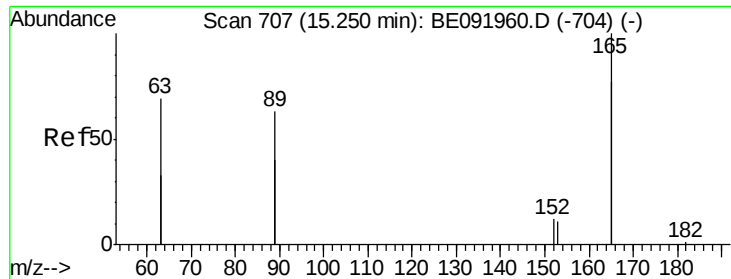
umangi
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#20
Acenaphthene
Concen: 0.08 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:154 Resp: 1614
Ion Ratio Lower Upper
154 100
153 365.0 88.1 132.1#
152 159.6 44.2 66.2#





#21

2,4-Dinitrotoluene

Concen: 0.25 ng m

RT: 15.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:165 Resp: 657

Ion Ratio Lower Upper

165 100

63 847.8 0.0 0.0#

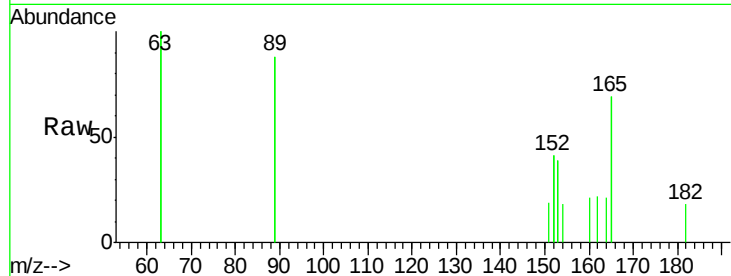
89 786.3 99.8 149.8#

182 0.0 0.0 0.0

Manual Integrations

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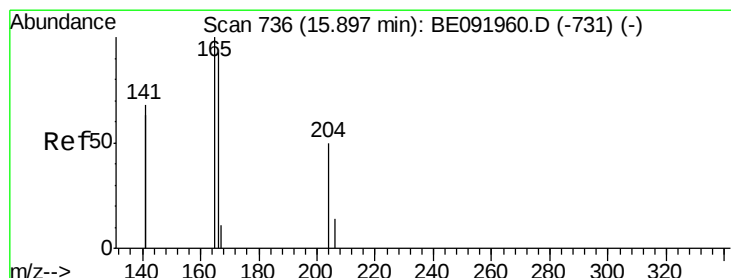
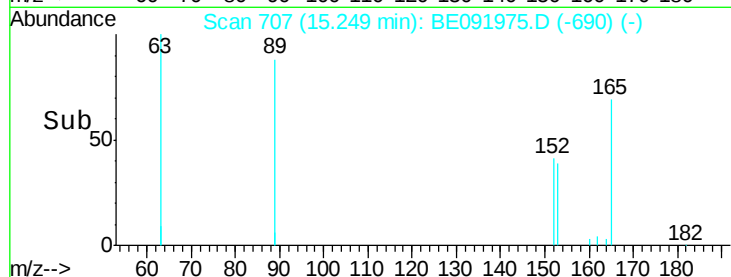
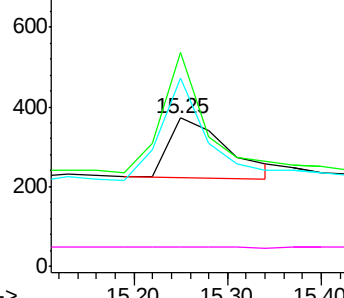


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.07 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

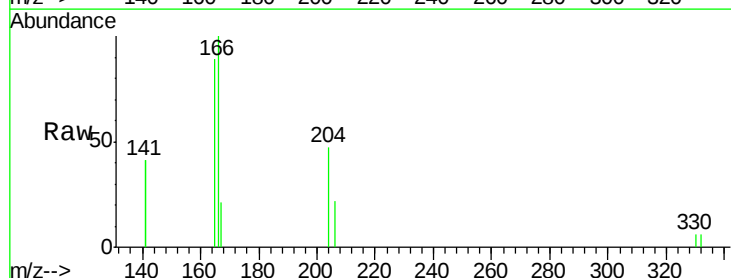
Tgt Ion:166 Resp: 1445

Ion Ratio Lower Upper

166 100

165 100.4 78.6 117.8

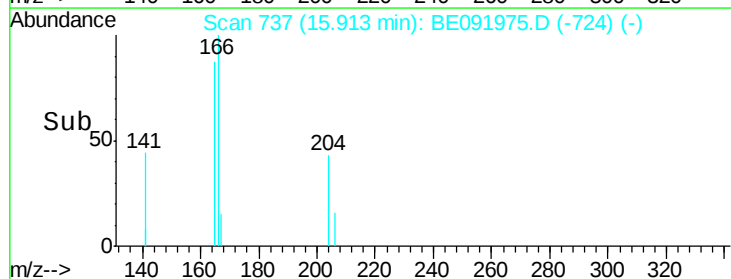
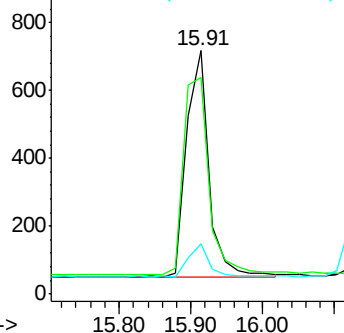
167 14.7 10.8 16.2

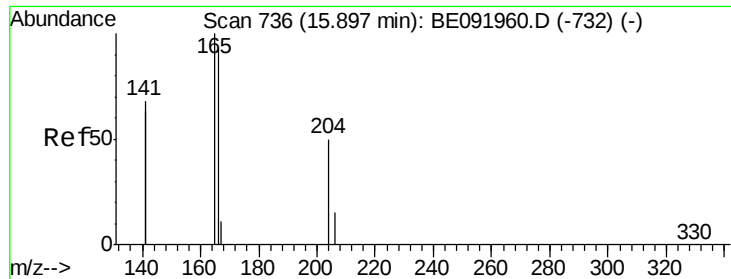


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





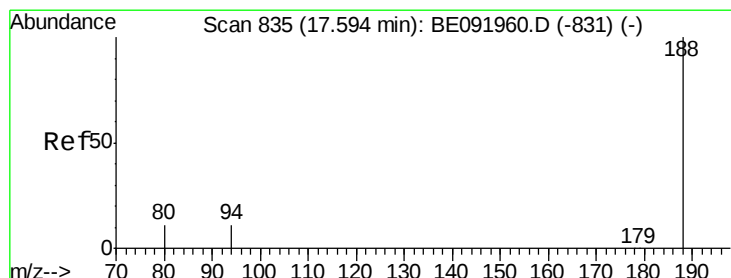
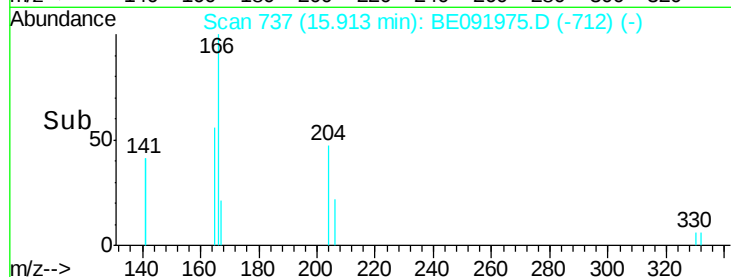
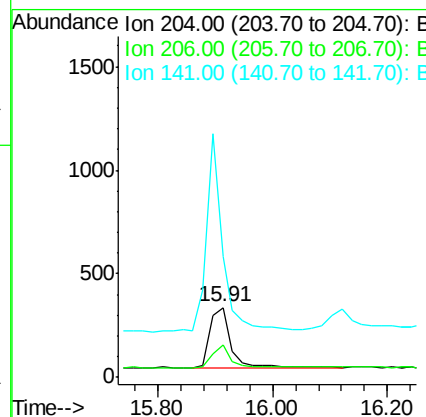
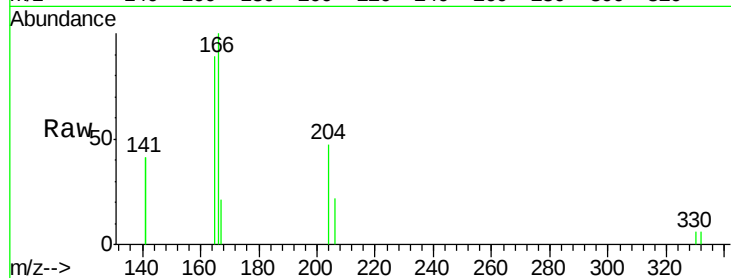
#23
4-Chlorophenyl-phenylether
Concen: 0.07 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:204 Resp: 731
Ion Ratio Lower Upper
204 100
206 33.8 27.8 41.6
141 252.0 197.6 296.4

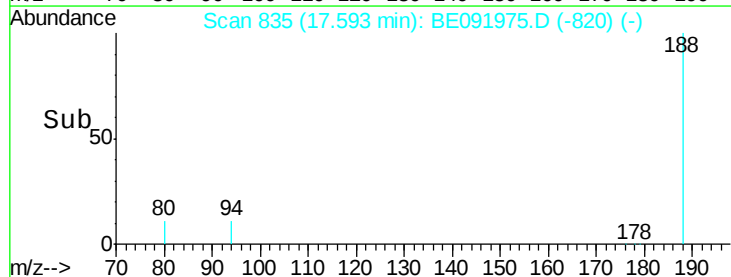
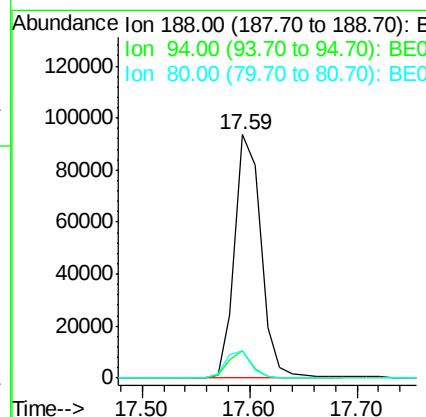
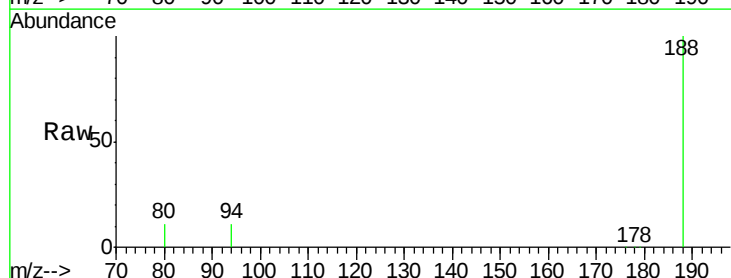
Manual Integrations

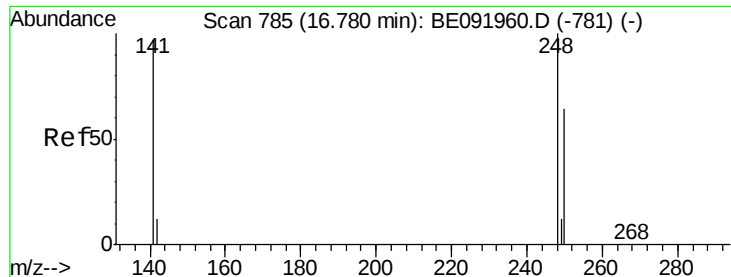
umangi
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:188 Resp: 158722
Ion Ratio Lower Upper
188 100
94 11.0 4.1 6.1#
80 11.2 3.4 5.2#





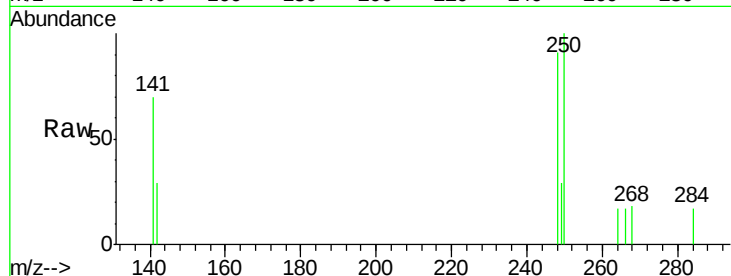
#25
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

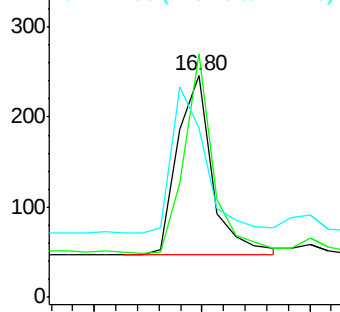
Tot Ion:248 Resp: 444
Ion Ratio Lower Upper
248 100
250 93.0 75.7 113.5
141 80.6 64.6 97.0

Manual Integrations

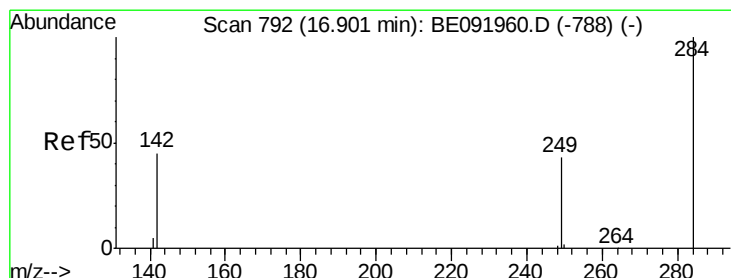
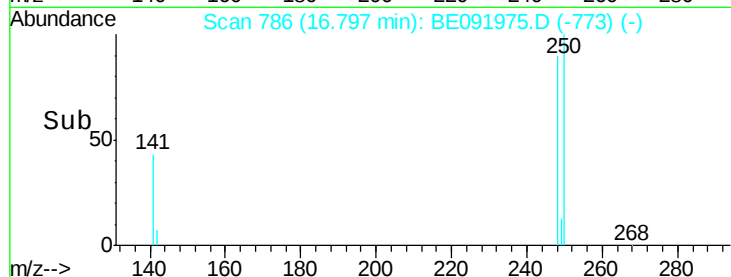
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

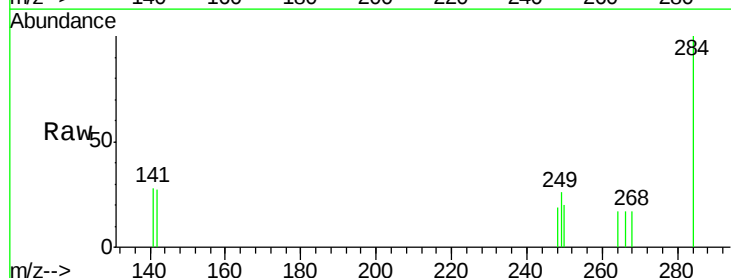


Time-->

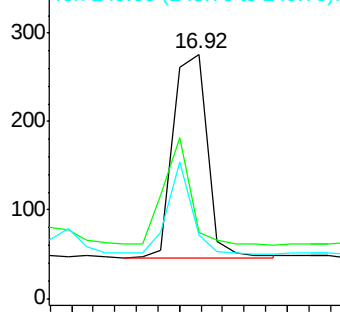


#26
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.92 min Scan# 793
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

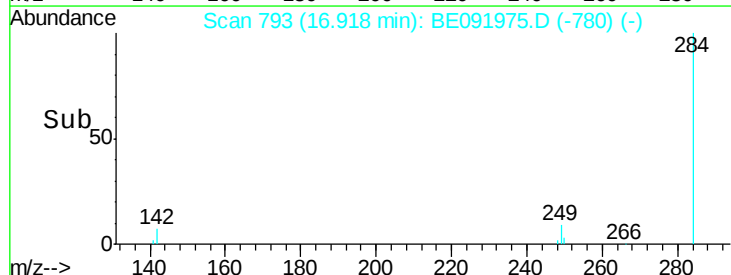
Tgt Ion:284 Resp: 500
Ion Ratio Lower Upper
284 100
142 43.0 31.4 47.2
249 32.2 25.3 37.9

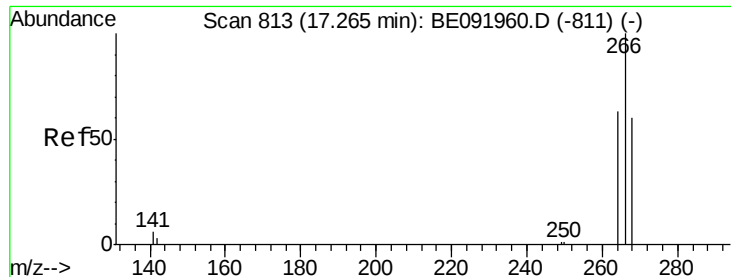


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->





#27

Pentachlorophenol

Concen: 0.13 ng m

RT: 17.32 min Scan# 816

Delta R.T. 0.05 min

Lab File: BE091975.D

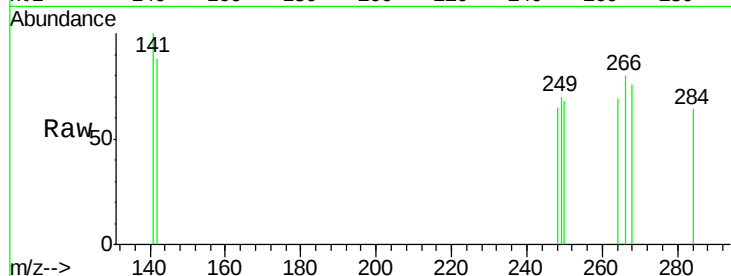
Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

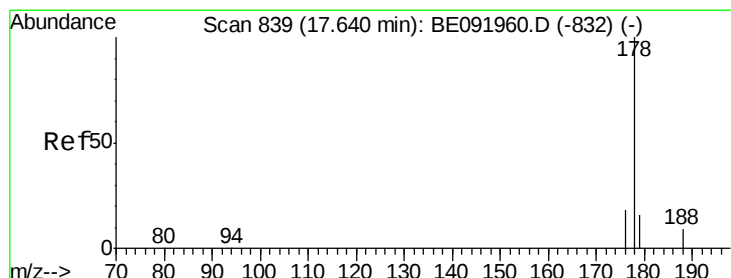
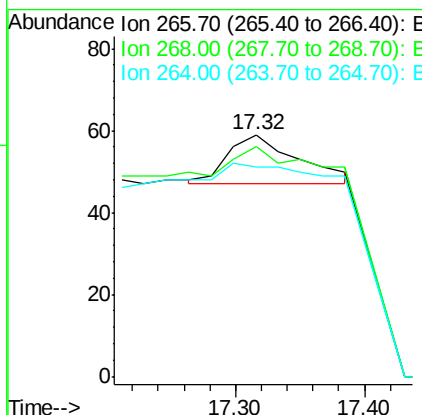
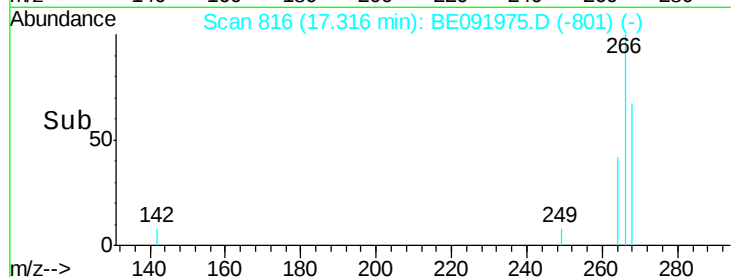


Tot Ion:	266	Resp:	46
Ion Ratio	Lower	Upper	
266	100		
268	94.9	60.5	90.7#
264	86.4	51.0	76.4#

Manual Integrations

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#28

Phenanthrene

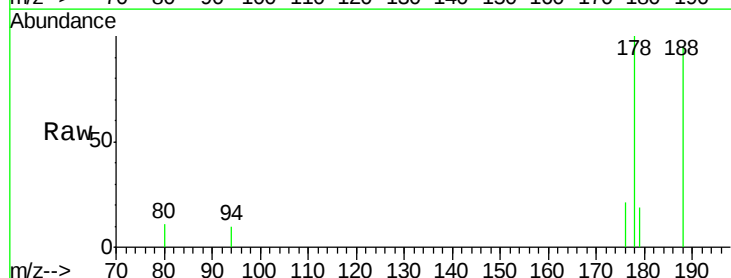
Concen: 0.07 ng m

RT: 17.64 min Scan# 839

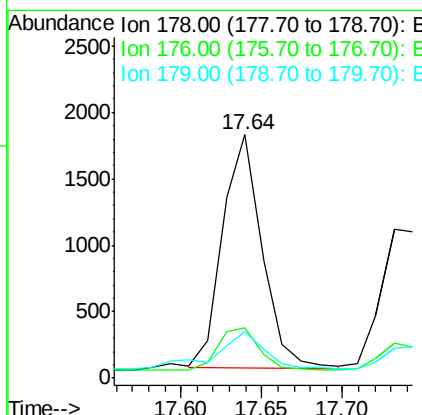
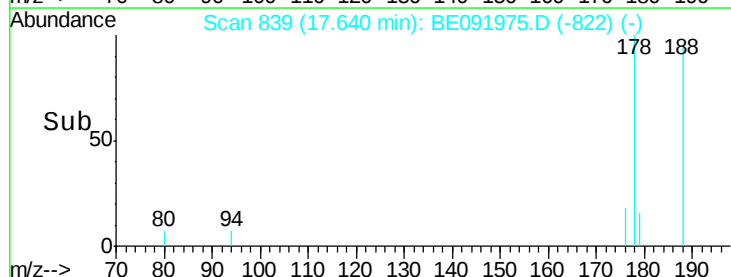
Delta R.T. -0.00 min

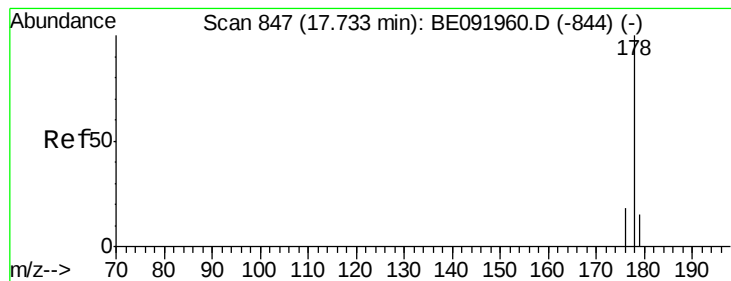
Lab File: BE091975.D

Acq: 5 Jul 2016 23:40



Tgt Ion:	178	Resp:	2996
Ion Ratio	Lower	Upper	
178	100		
176	14.5	15.4	23.2#
179	11.6	12.9	19.3#





#29

Anthracene

Concen: 0.06 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091975.D

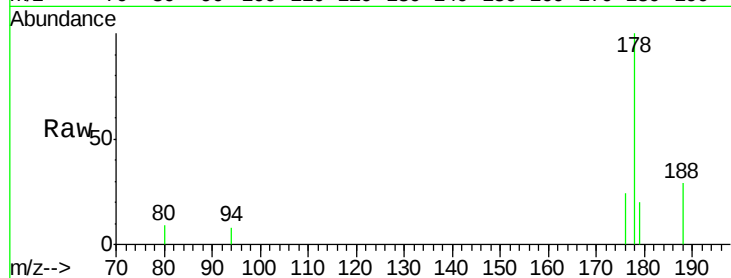
Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:178 Resp: 2509

Ion Ratio Lower Upper

178 100

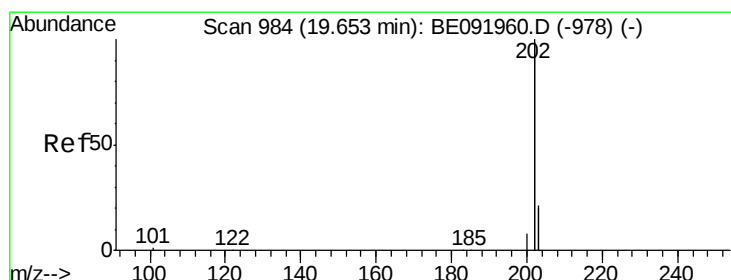
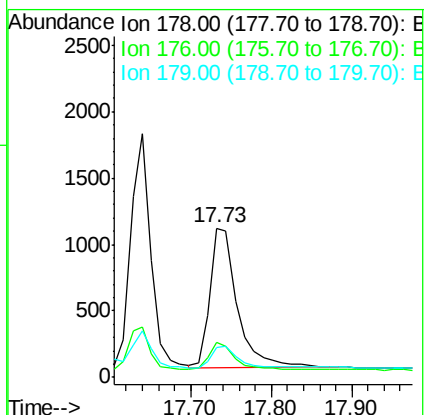
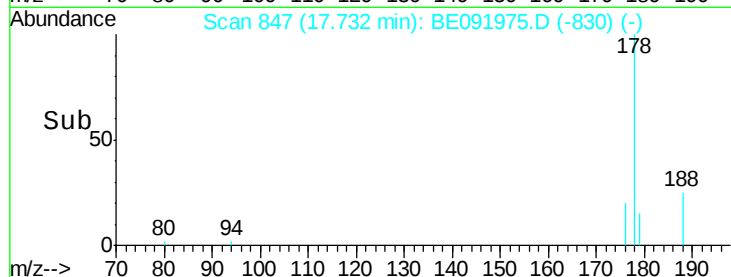
176 18.3 15.1 22.7

179 14.7 12.1 18.1

Manual Integrations

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#30

Fluoranthene

Concen: 0.08 ng

RT: 19.65 min Scan# 984

Delta R.T. -0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

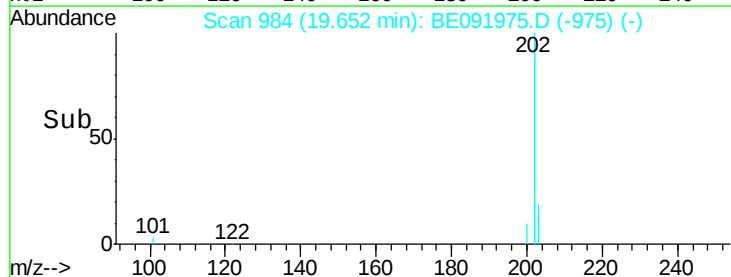
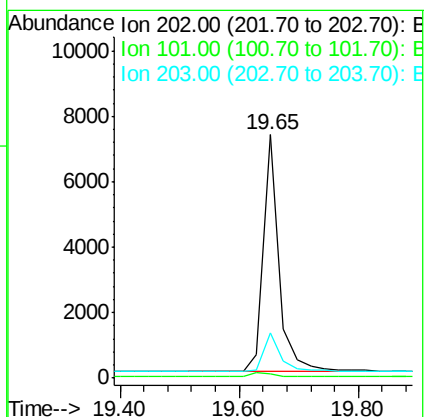
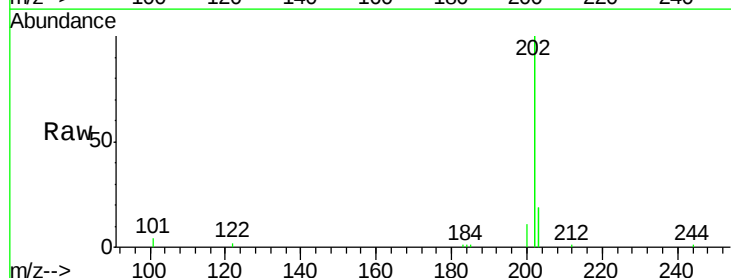
Tgt Ion:202 Resp: 13391

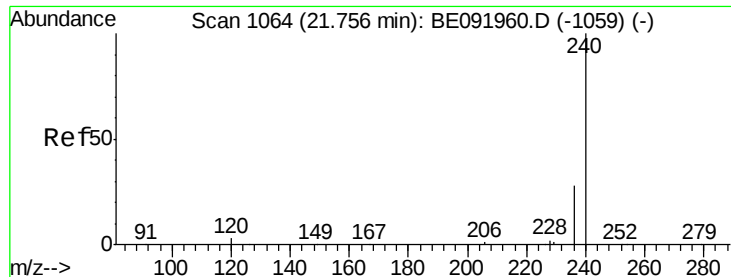
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 17.5 14.3 21.5





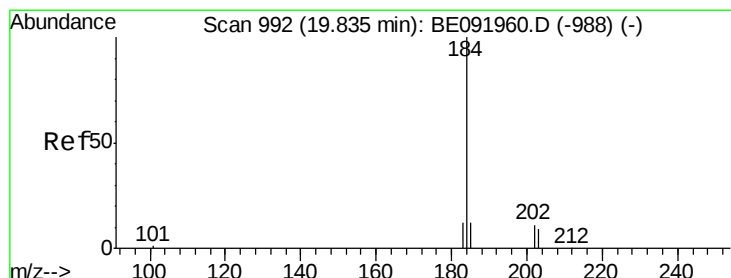
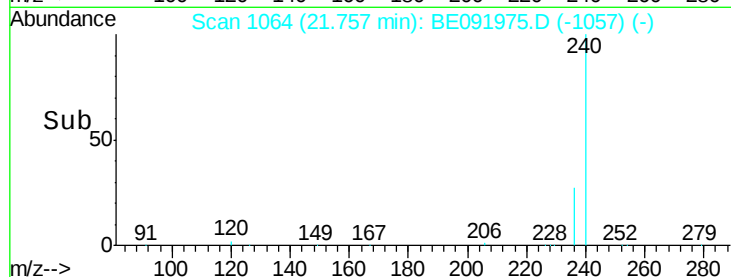
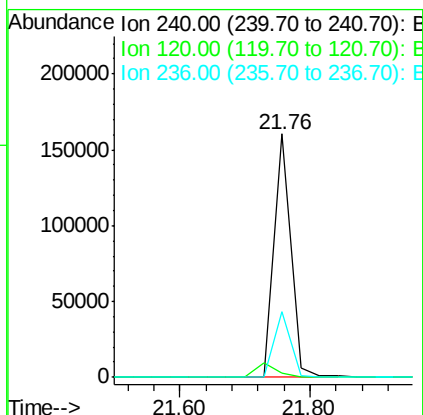
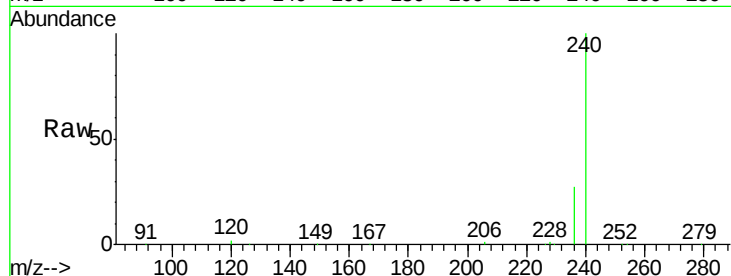
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:240 Resp: 290567
Ion Ratio Lower Upper
240 100
120 1.9 1.2 1.8#
236 26.9 19.8 29.8

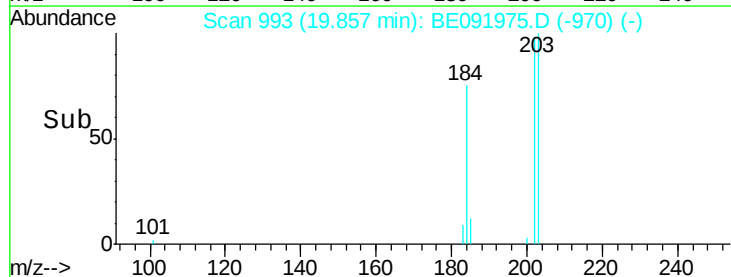
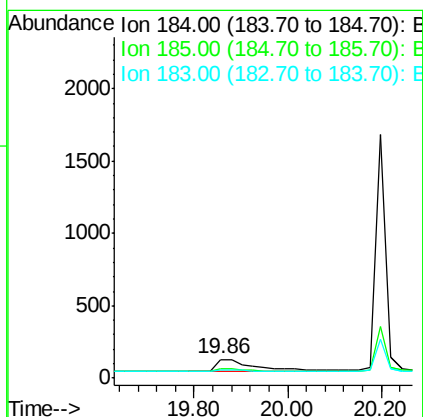
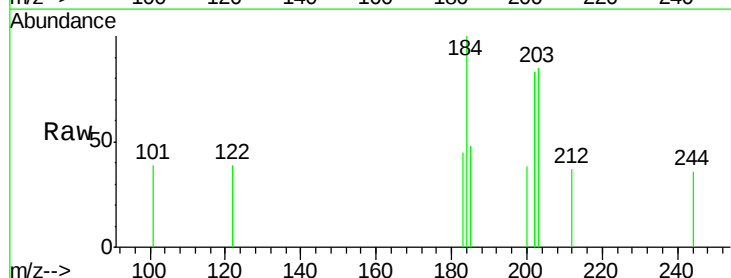
Manual Integrations

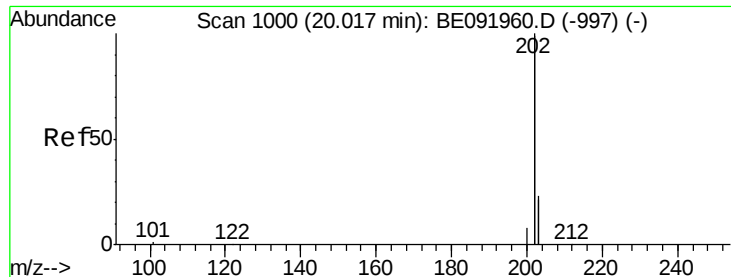
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#32
Benzidine
Concen: 0.23 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:184 Resp: 478
Ion Ratio Lower Upper
184 100
185 48.5 11.4 17.2#
183 44.6 11.8 17.6#





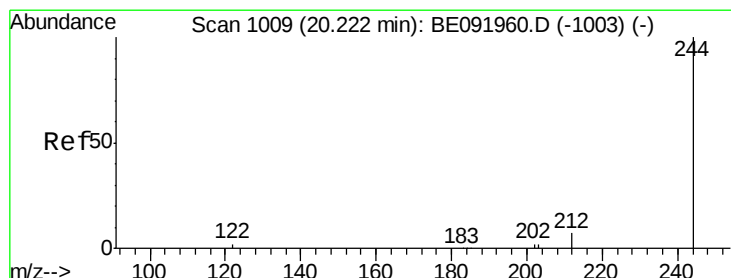
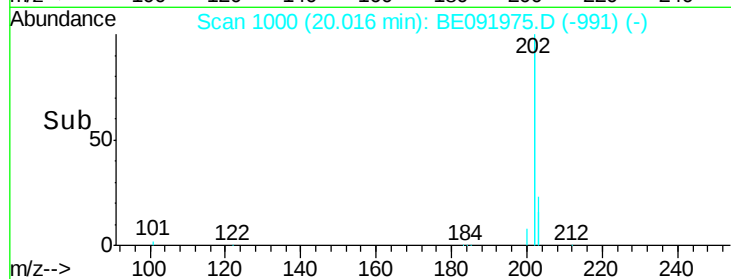
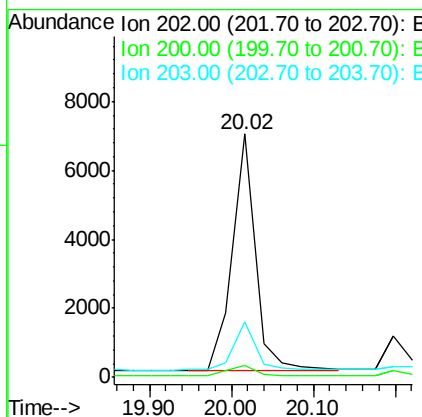
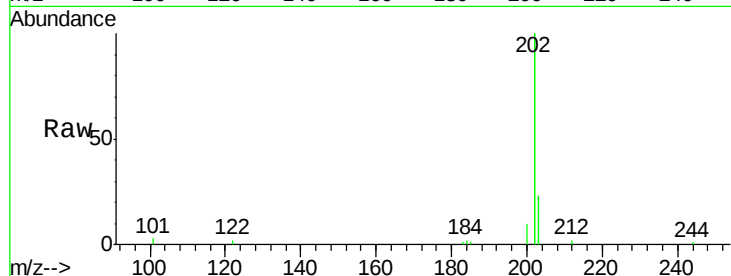
#33
Pvrene
Concen: 0.06 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.0	16.9	25.3#
203	18.9	14.1	21.1

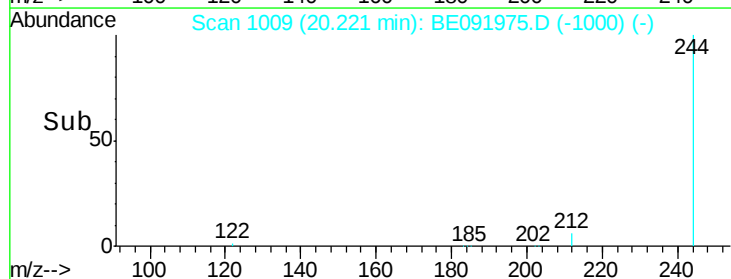
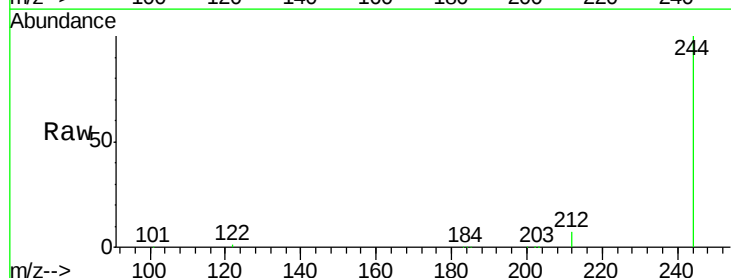
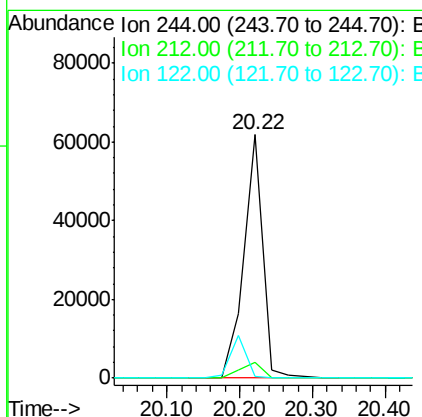
Manual Integrations

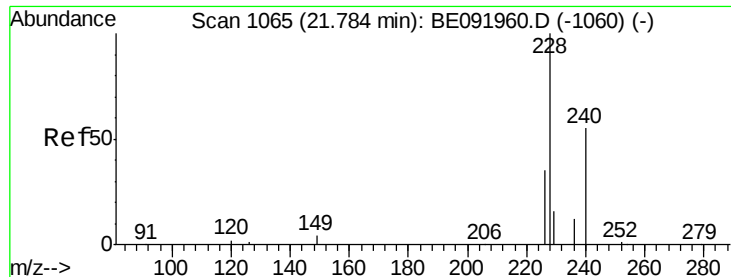
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#34
Terphenyl-d14
Concen: 3.25 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	0.7	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.09 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

Tot Ion:228 Resp: 4304

Ion Ratio Lower Upper

228 100

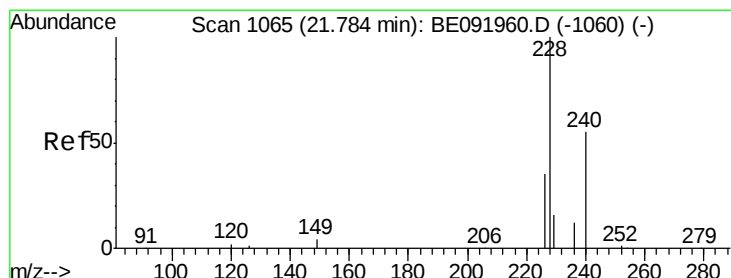
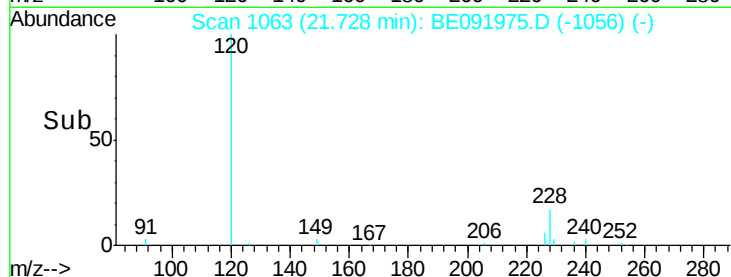
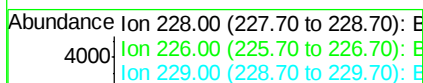
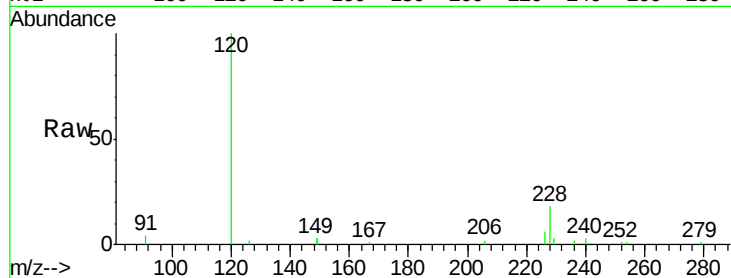
226 35.3 21.0 31.4#

229 18.1 15.8 23.8

Manual Integrations

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#37

Chrysene

Concen: 0.09 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

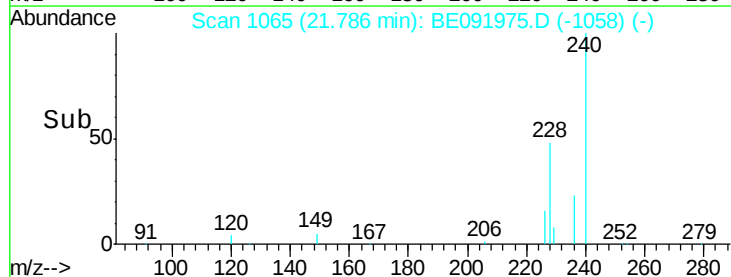
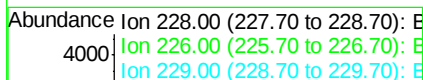
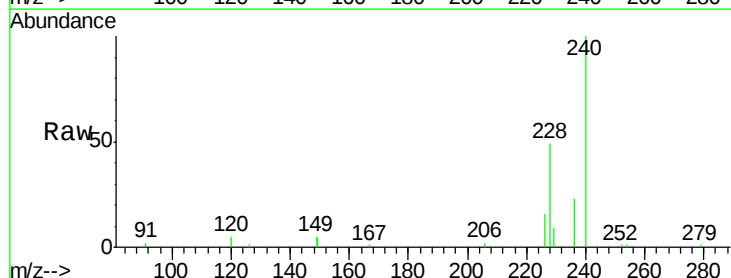
Tgt Ion:228 Resp: 6065

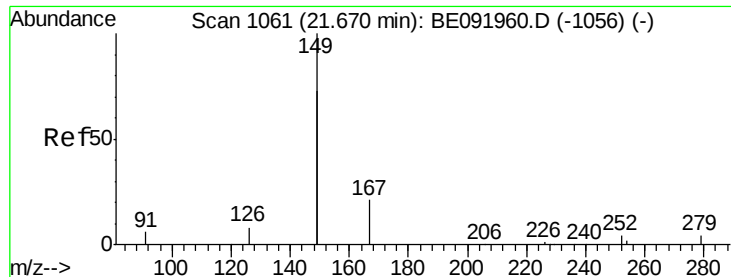
Ion Ratio Lower Upper

228 100

226 33.7 27.0 40.6

229 18.6 13.8 20.8





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.06 ng/ml

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091975.D

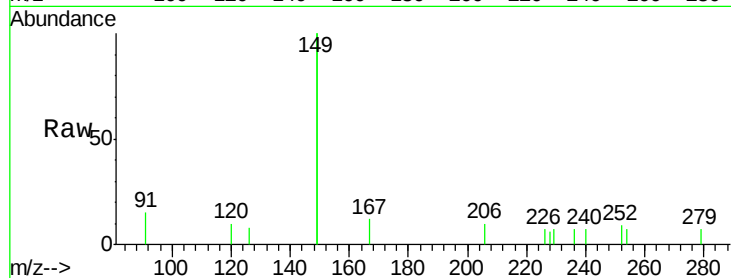
Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01



Tot Ion:149 Resp: 3198

Ion Ratio Lower Upper

149 100

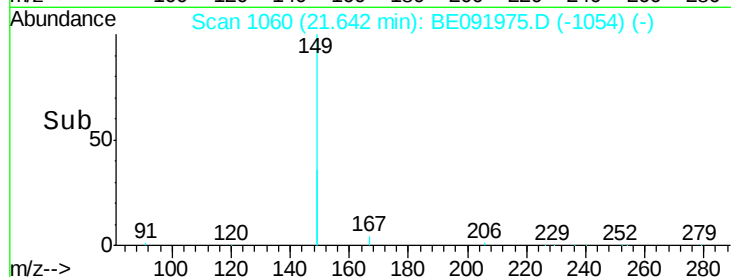
167 0.0 0.0 0.0

279 0.0 0.0 0.0

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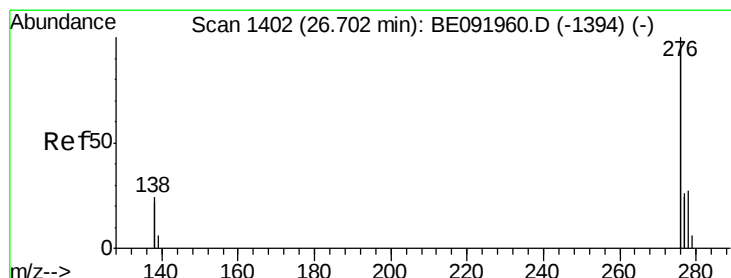
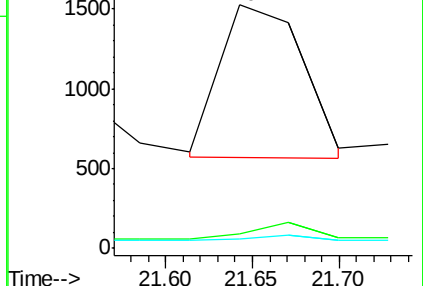
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ml

RT: 26.70 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BE091975.D

Acq: 5 Jul 2016 23:40

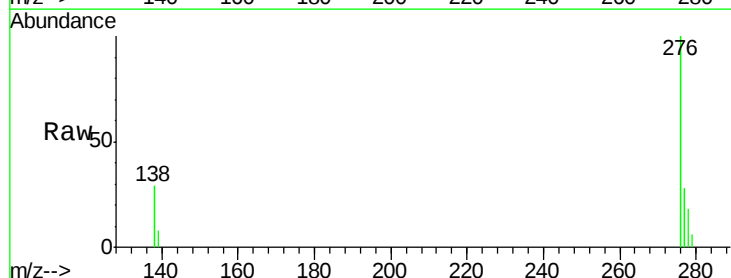
Tgt Ion:276 Resp: 16806

Ion Ratio Lower Upper

276 100

138 26.2 19.7 29.5

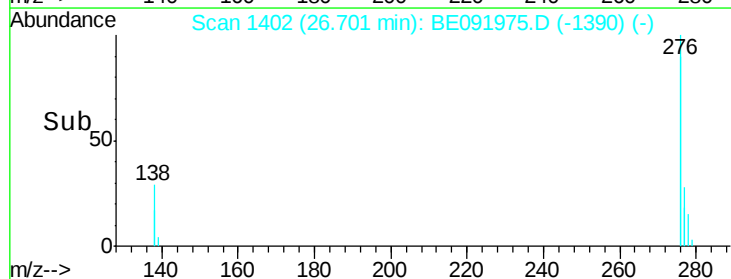
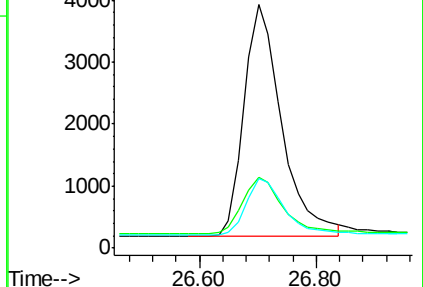
277 24.8 20.1 30.1

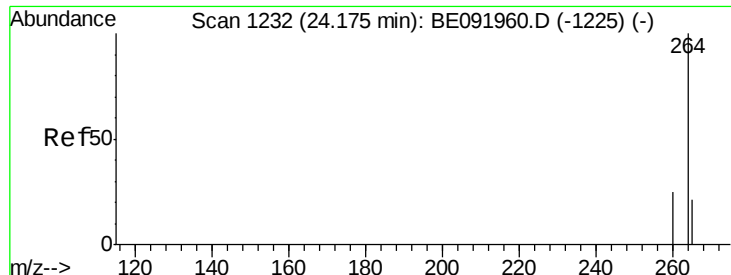


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





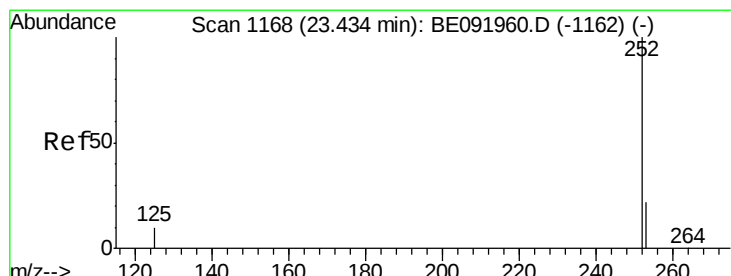
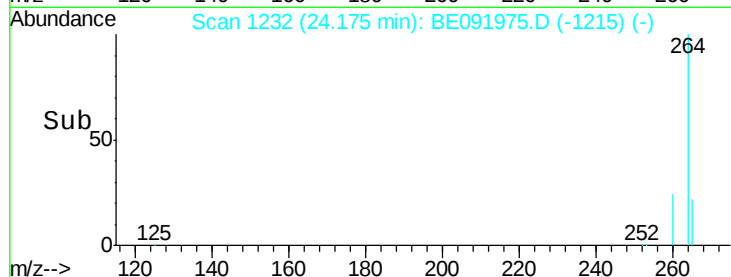
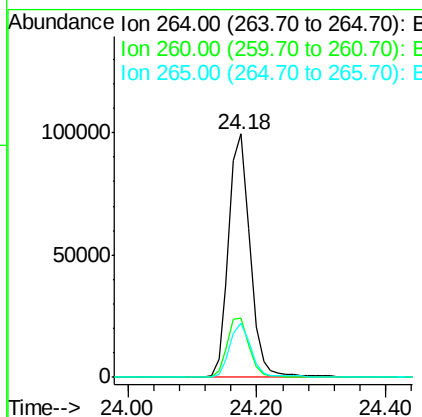
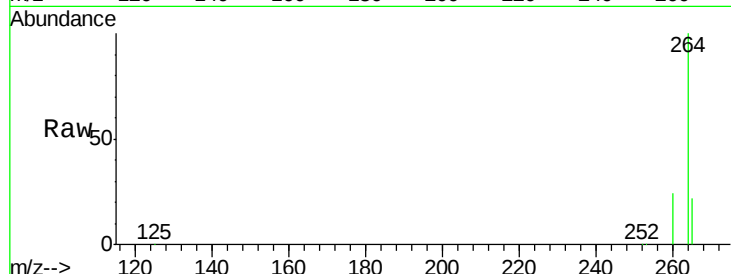
#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	22.2	17.6	26.4

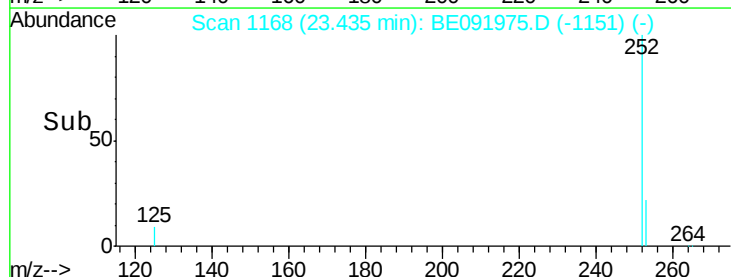
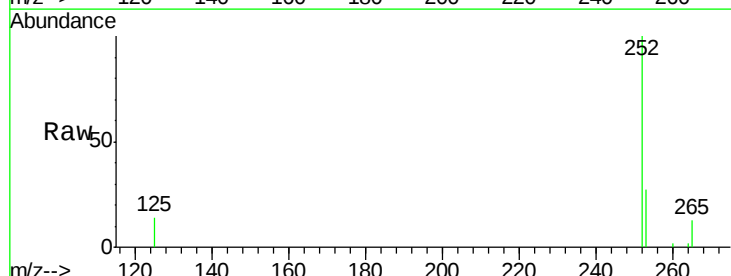
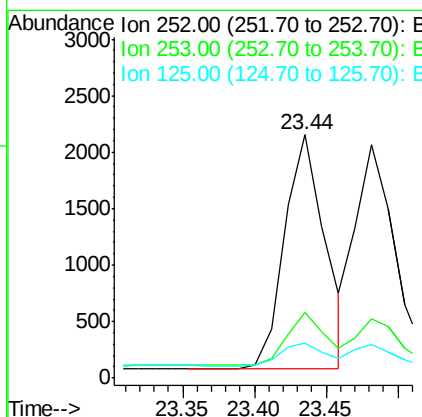
Manual Integrations

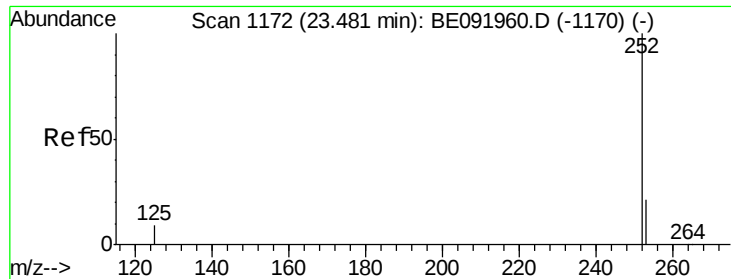
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#41
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 23.44 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.8	26.6#
125	14.2	9.4	14.2#





#42

Benzo(k)fluoranthene

Concen: 0.07 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BE091975.D

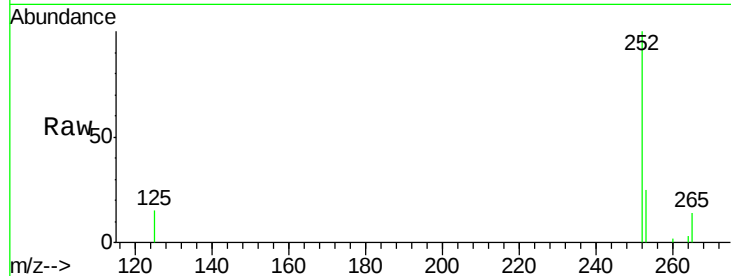
Acq: 5 Jul 2016 23:40

Instrument :

BNA_E

ClientSampleId :

LOD-SOIL2016-01

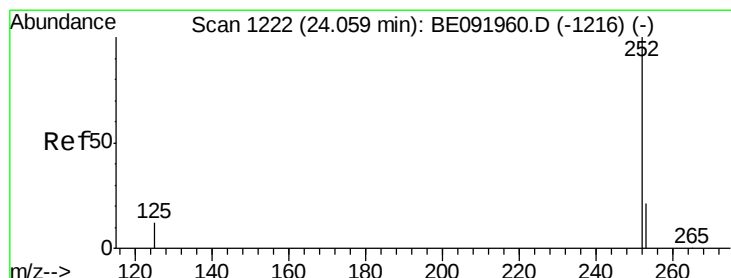
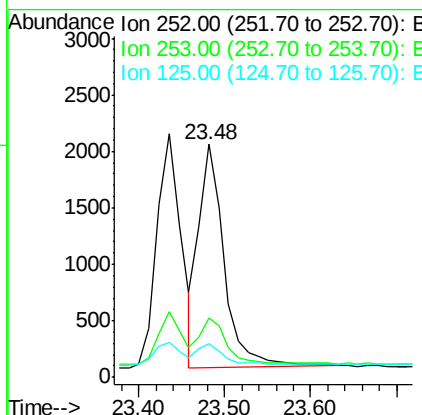
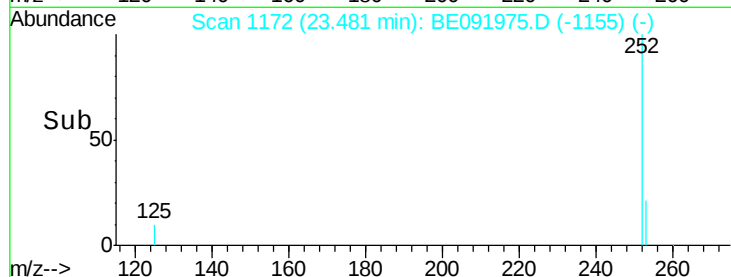


Tot Ion:	252	Resp:	4036
Ion Ratio	Lower	Upper	
252	100		
253	25.4	19.4	29.2
125	14.5	8.3	12.5#

Manual Integrations

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#43

Benzo(a)pyrene

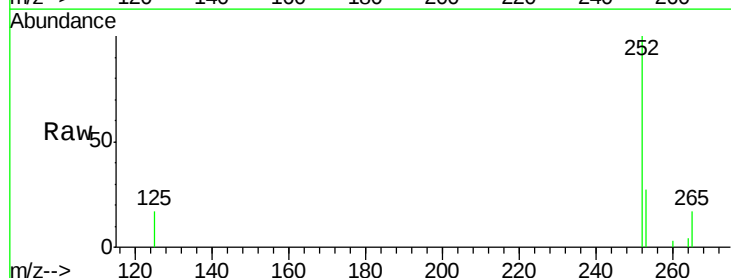
Concen: 0.06 ng

RT: 24.06 min Scan# 1222

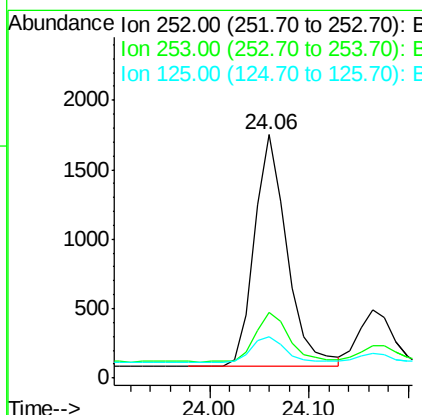
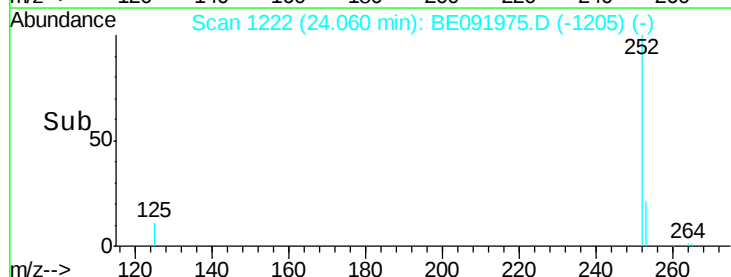
Delta R.T. 0.00 min

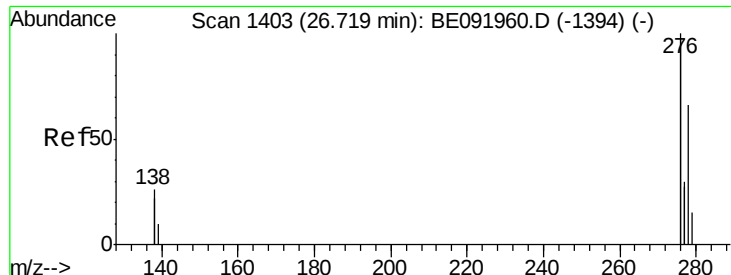
Lab File: BE091975.D

Acq: 5 Jul 2016 23:40



Tgt Ion:	252	Resp:	3784
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.9	28.3
125	17.1	10.5	15.7#





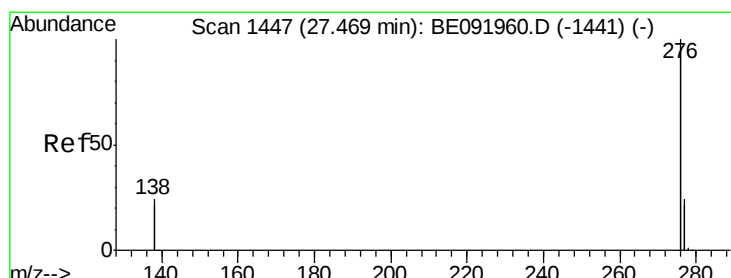
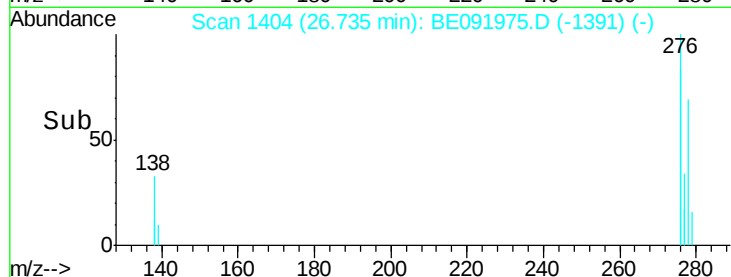
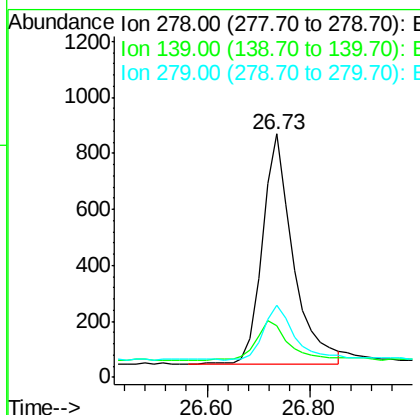
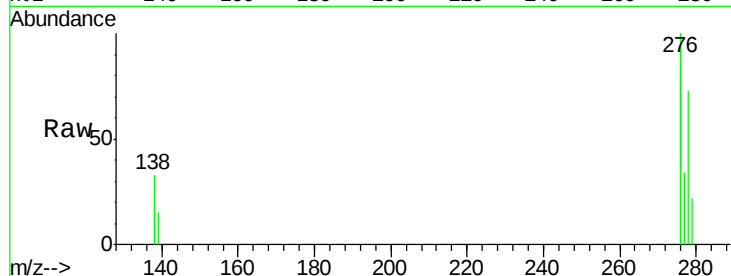
#44
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 26.73 min Scan# 1404
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Instrument :
BNA_E
ClientSampleId :
LOD-SOIL2016-01

Tot Ion:278 Resp: 3337
Ion Ratio Lower Upper
278 100
139 21.1 12.6 18.8#
279 29.5 20.0 30.0

Manual Integrations

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#45
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 27.48 min Scan# 1448
Delta R.T. 0.02 min
Lab File: BE091975.D
Acq: 5 Jul 2016 23:40

Tgt Ion:276 Resp: 15084
Ion Ratio Lower Upper
276 100
277 28.8 19.5 29.3
138 25.6 17.7 26.5

