

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041316\
 Data File : BE091656.D
 Acq On : 13 Apr 2016 14:20
 Operator : UM/SJ
 Sample : H1824-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Manual Integrations
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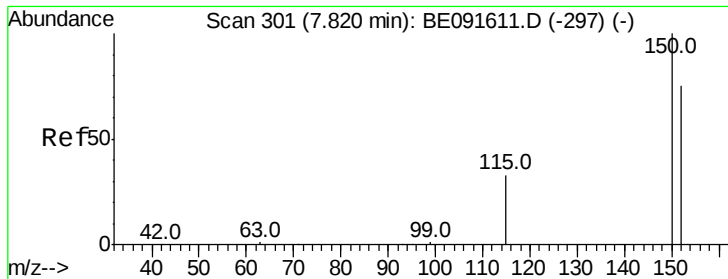
Quant Time: Apr 14 10:33:19 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	34253	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	163588	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	99343	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	254870	5.00	ng	0.00
26) Chrysene-d12	21.31	240	282200	5.00	ng	0.00
35) Perylene-d12	23.75	264	270314	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	60225	7.37	ng	0.00
5) Phenol-d6	6.97	99	85506	7.85	ng	0.00
8) Nitrobenzene-d5	8.96	82	34528	3.63	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	25261	6.98	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	114038	4.13	ng	0.00
29) Terphenyl-d14	19.76	244	179055	5.08	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	777	0.12	ng	86
3) n-Nitrosodimethylamine	3.66	42	648	0.12	ng	# 99
6) bis(2-Chloroethyl)ether	7.23	93	1381	0.15	ng	# 74
9) Nitrobenzene	8.99	77	1627	0.30	ng	# 96
10) Naphthalene	10.63	128	5677	0.17	ng	98
11) Hexachlorobutadiene	10.92	225	774m	0.16	ng	
12) 2-Methylnaphthalene	12.24	142	3597	0.17	ng	93
16) Acenaphthylene	14.14	152	4954m	0.13	ng	
17) Acenaphthene	14.47	154	3955	0.16	ng	85
18) Fluorene	15.46	166	4896	0.16	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	1424	0.16	ng	97
21) Hexachlorobenzene	16.46	284	1553m	0.17	ng	
22) Pentachlorophenol	16.81	266	355	0.29	ng	97
23) Phenanthrene	17.19	178	10215	0.18	ng	98
24) Anthracene	17.29	178	8115	0.16	ng	99
25) Fluoranthene	19.21	202	9385	0.15	ng	98
27) Benzidine	19.40	184	1756	0.39	ng	94
28) Pyrene	19.55	202	9930	0.18	ng	99
30) Benzo(a)anthracene	21.29	228	11384	0.18	ng	96
31) 3,3'-Dichlorobenzidine	21.24	252	1570	0.20	ng	88
32) Chrysene	21.34	228	13416m	0.23	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	2072	0.31	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	10795	0.17	ng	96
36) Benzo(b)fluoranthene	23.00	252	10503	0.17	ng	97
37) Benzo(k)fluoranthene	23.05	252	10519m	0.17	ng	
38) Benzo(a)pyrene	23.63	252	9080	0.16	ng	95
39) Dibenzo(a,h)anthracene	26.34	278	8710	0.15	ng	95
40) Benzo(g,h,i)perylene	27.09	276	9432	0.16	ng	97

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



#1

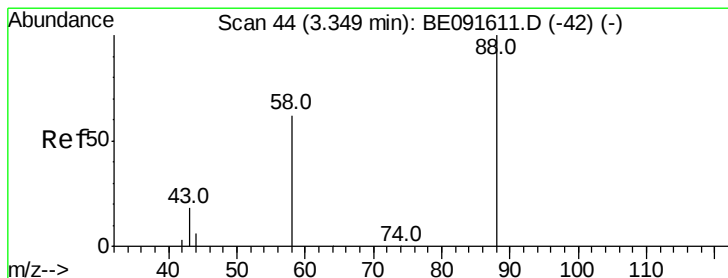
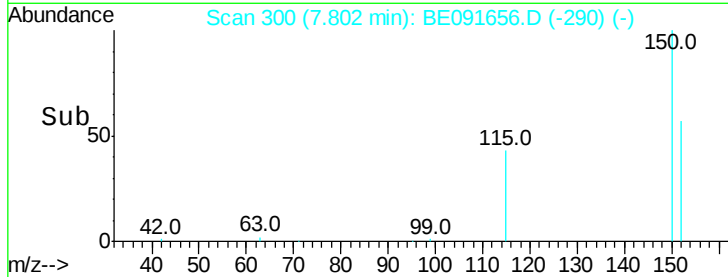
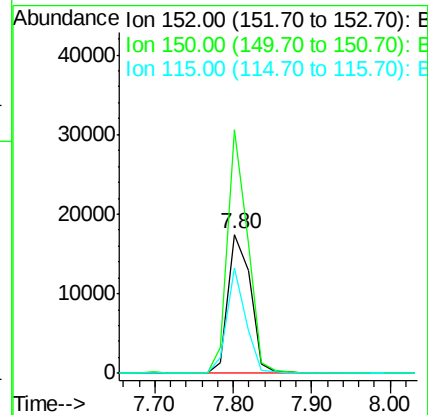
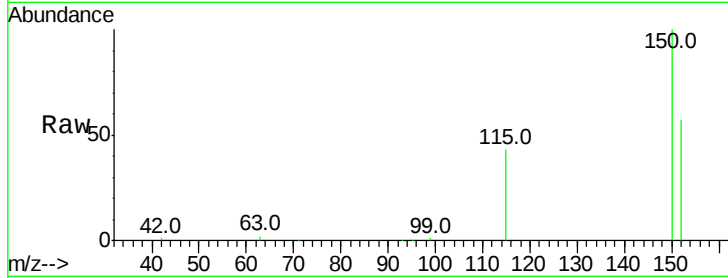
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	175.0	122.6	183.8
115	75.4	52.8	79.2

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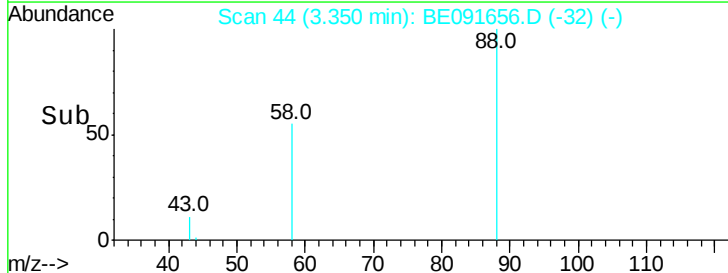
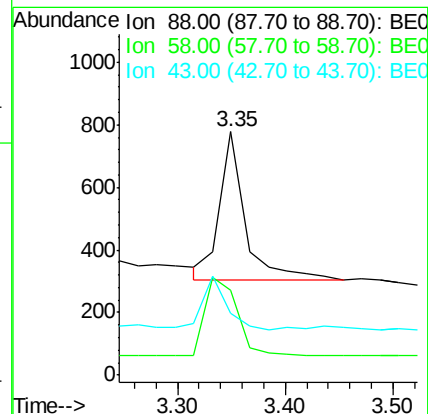
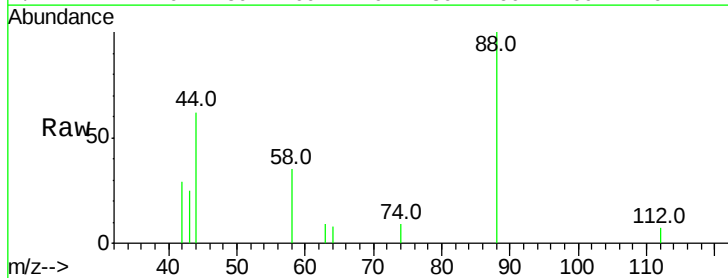
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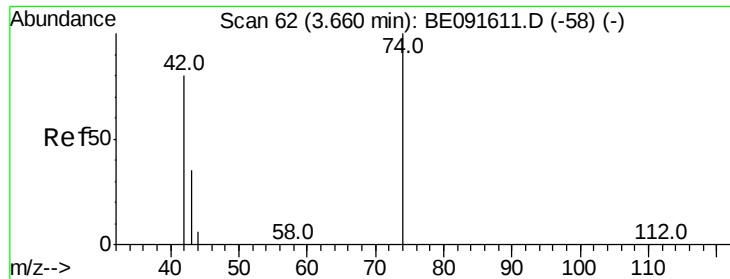


#2

1,4-Dioxane
Concen: 0.12 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	65.8	98.6
43	33.6	25.3	37.9





#3

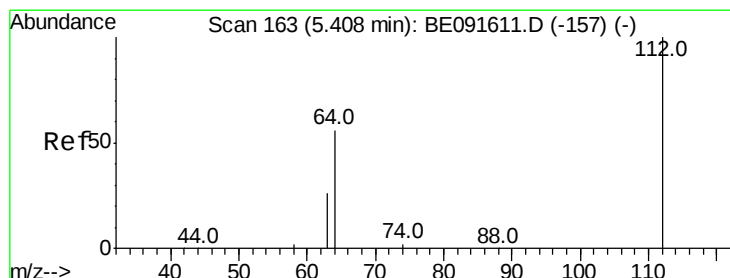
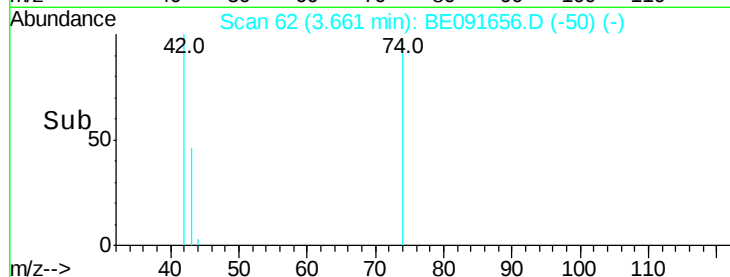
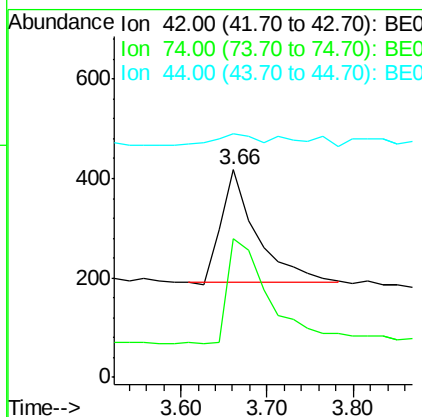
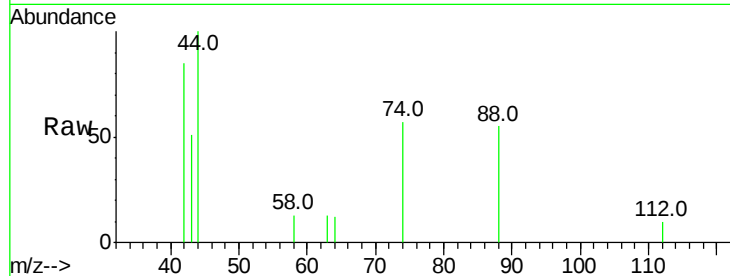
n-Nitrosodimethylamine
 Concen: 0.12 ng
 RT: 3.66 min Scan# 62
 Delta R.T. 0.00 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Instrument :
 BNA_E
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
42	100		
74	109.6	87.9	131.9
44	10.2	6.6	9.8#

Manual Integrations
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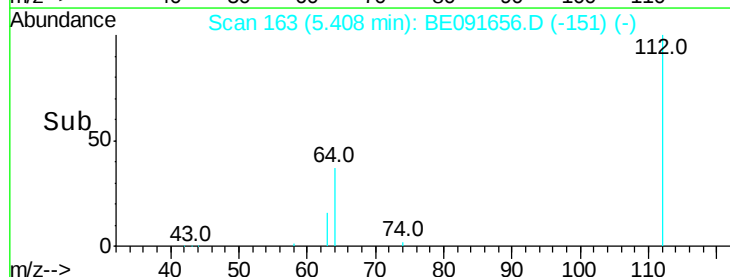
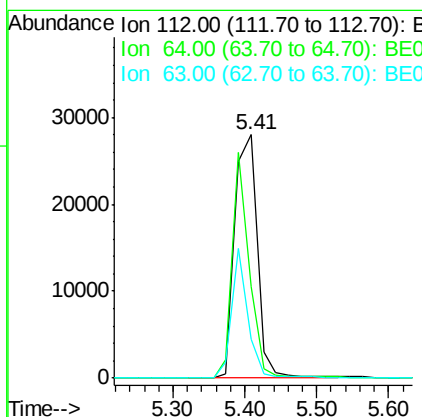
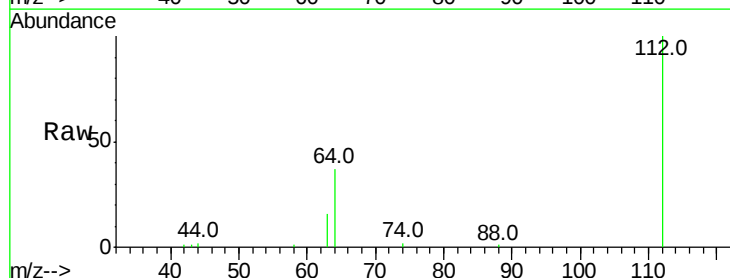
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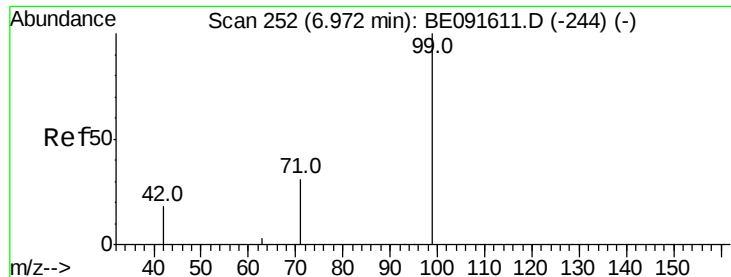


#4

2-Fluorophenol
 Concen: 7.37 ng
 RT: 5.41 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	30.9	46.3#
63	37.9	16.7	25.1#





#5

Phenol-d6

Concen: 7.85 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

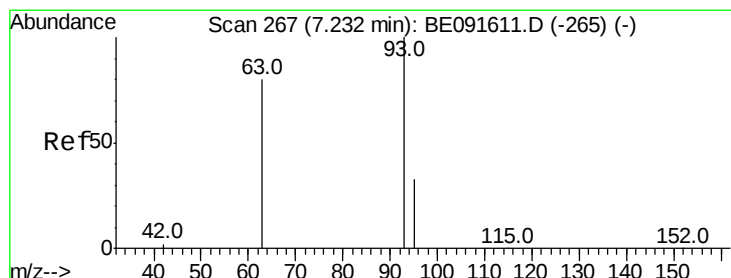
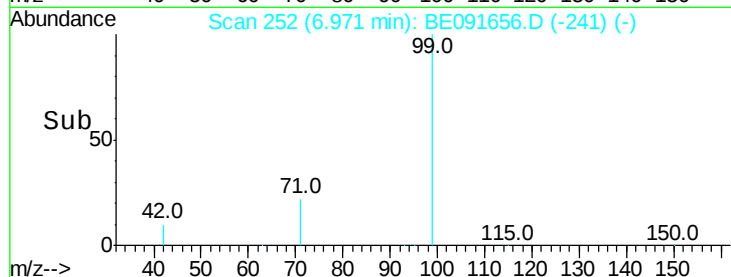
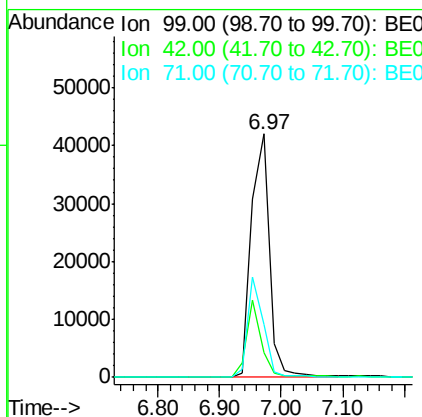
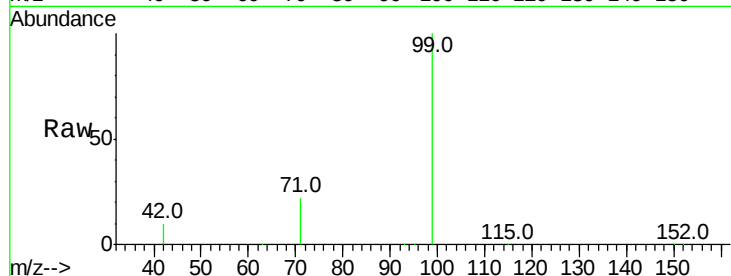
ClientSampleId :

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Tot Ion:	99	Resp:	85506
Ion Ratio	Lower	Upper	
99	100		
42	25.4	16.2	24.2#
71	36.1	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.15 ng

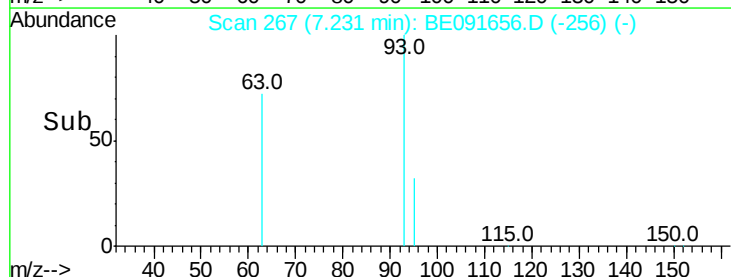
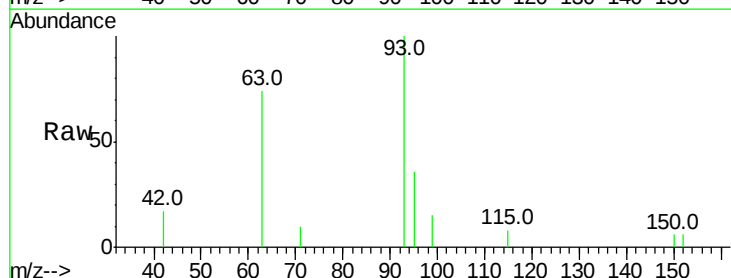
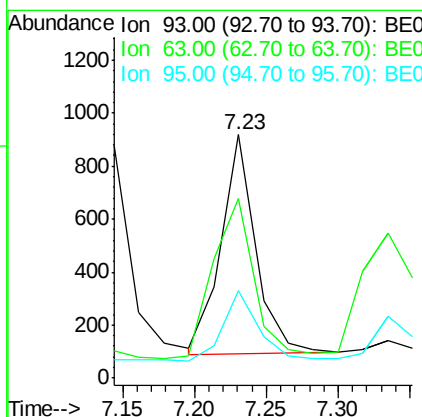
RT: 7.23 min Scan# 267

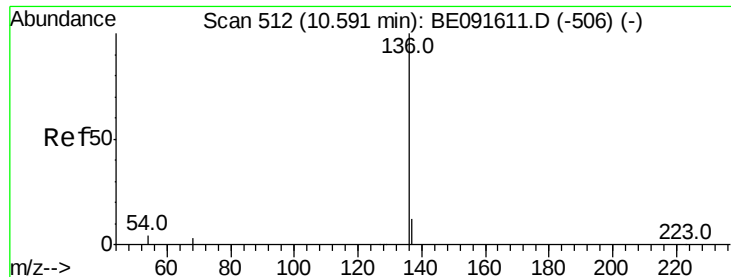
Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:	93	Resp:	1381
Ion Ratio	Lower	Upper	
93	100		
63	87.5	49.5	74.3#
95	33.2	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

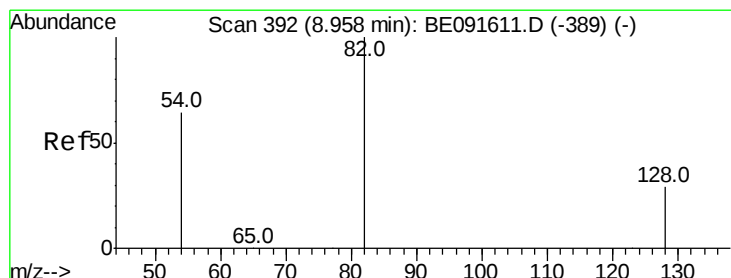
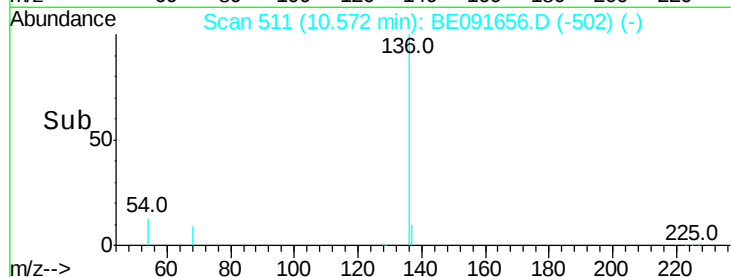
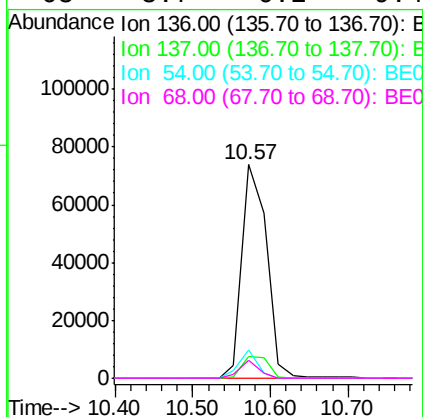
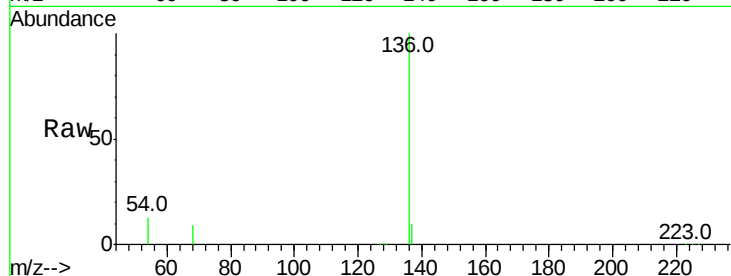
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.9	8.9	13.3
54	13.2	8.2	12.4
68	8.7	6.2	9.4

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#8

Nitrobenzene-d5

Concen: 3.63 ng

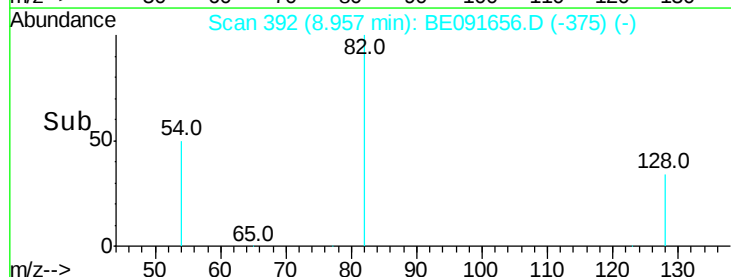
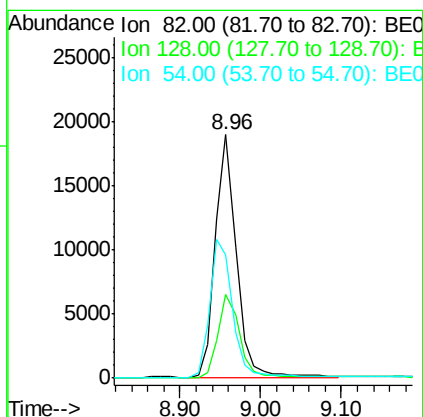
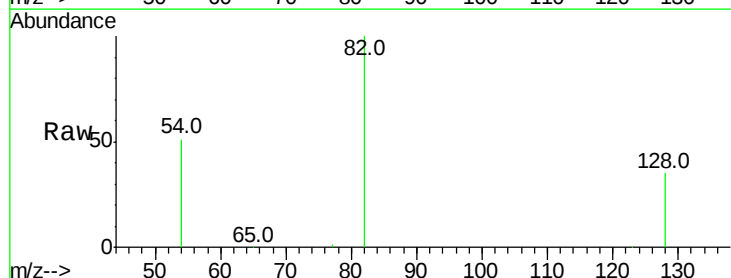
RT: 8.96 min Scan# 392

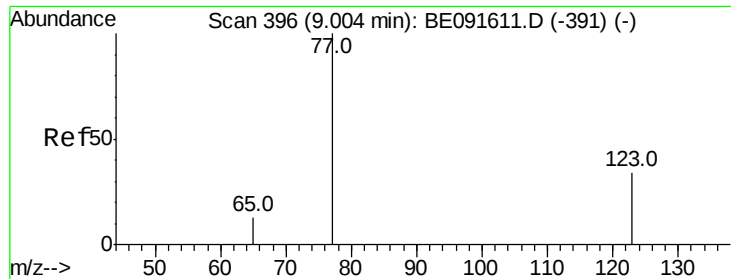
Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.5	25.4	38.0
54	50.6	48.4	72.6





#9

Nitrobenzene

Concen: 0.30 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091656.D

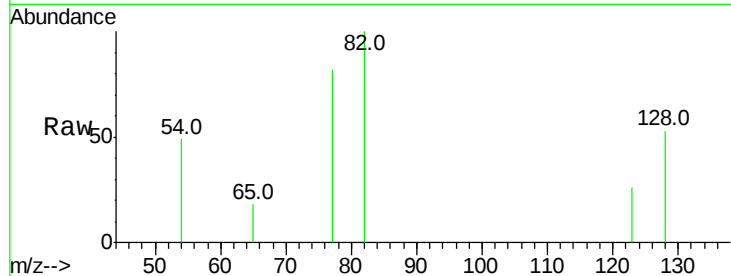
Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

ClientSampleId :

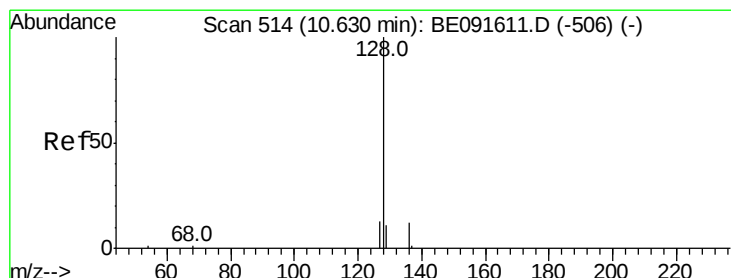
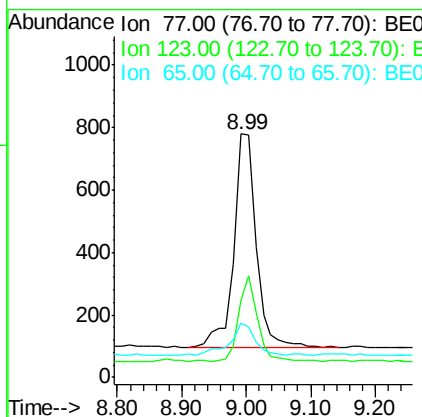
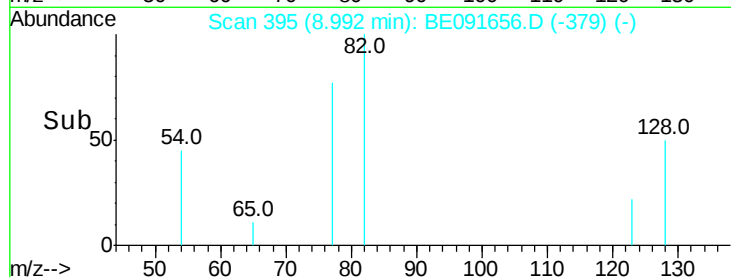
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Tot Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.9	40.3
65	16.6	9.4	14.2

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#10

Naphthalene

Concen: 0.17 ng

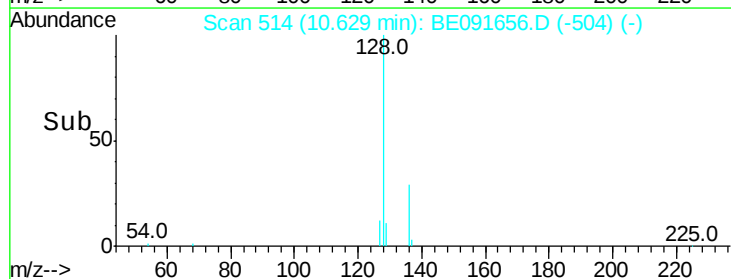
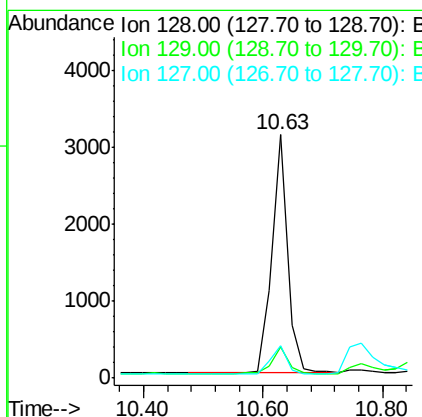
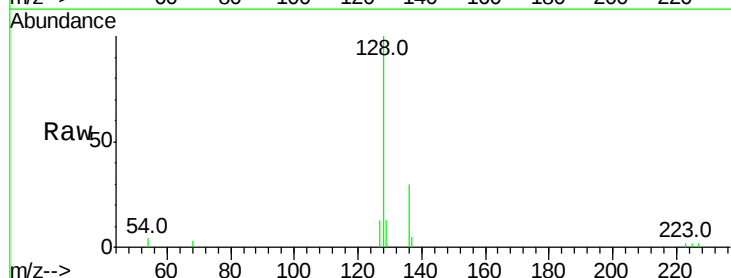
RT: 10.63 min Scan# 514

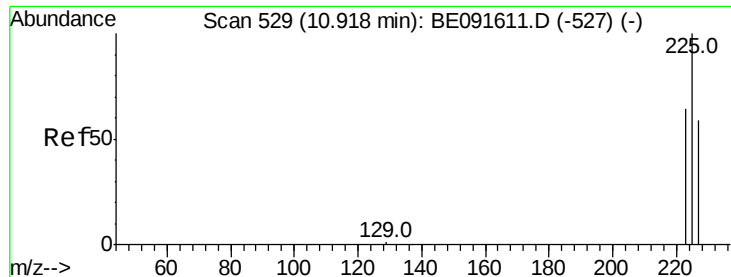
Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	13.5	10.7	16.1





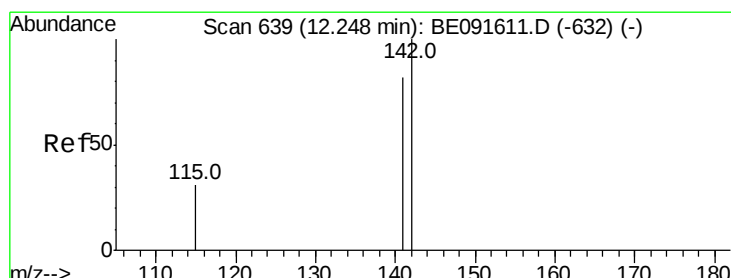
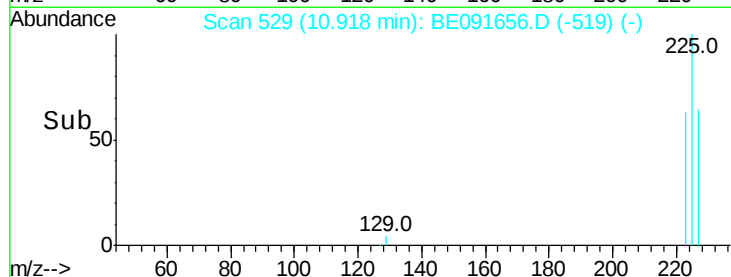
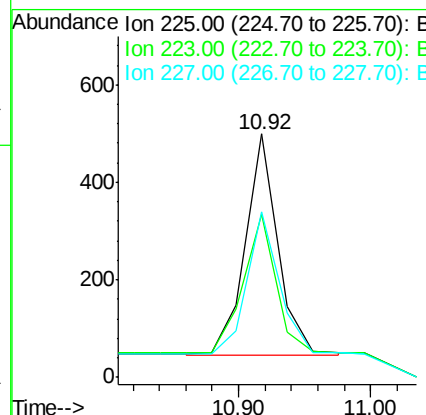
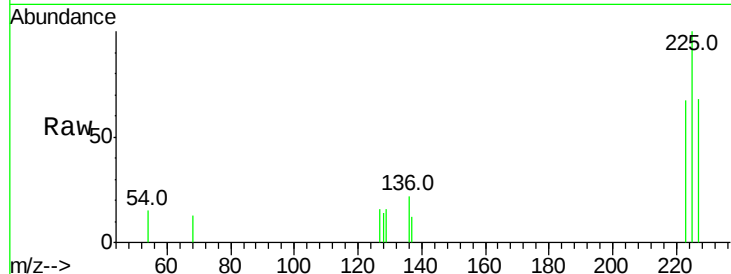
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Hexachlorobutadiene
Concen: 0.16 ng m
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
225	100		
223	131.4	49.0	73.6#
227	136.2	50.3	75.5#

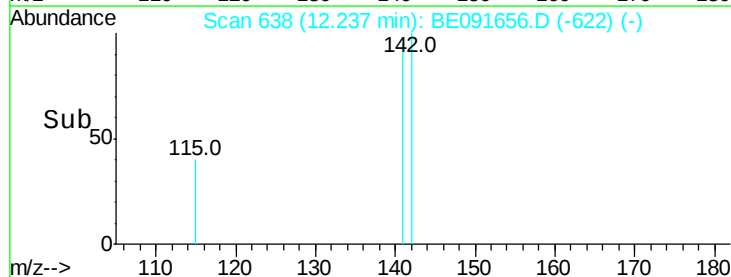
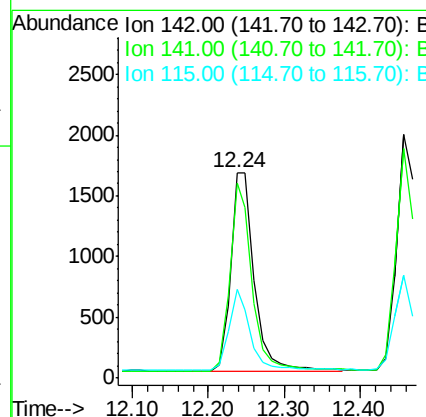
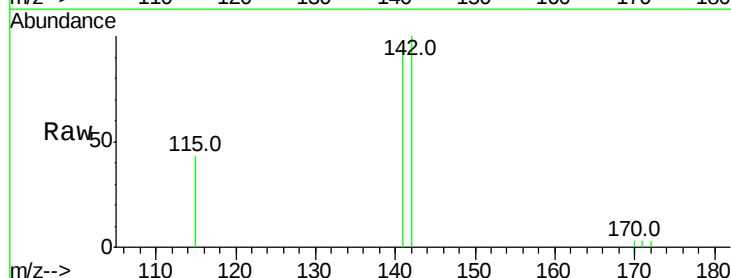
Manual Integrations
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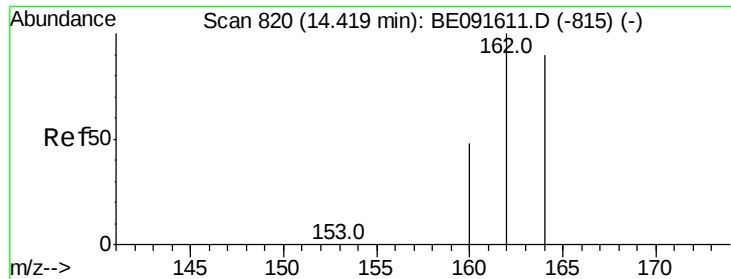
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#12
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.4	107.0
115	43.0	30.3	45.5





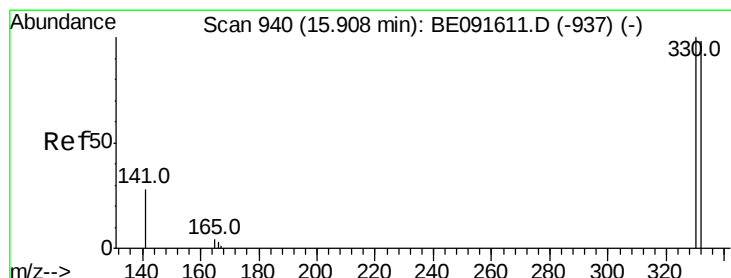
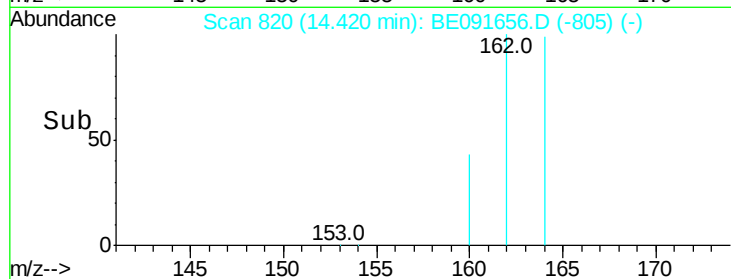
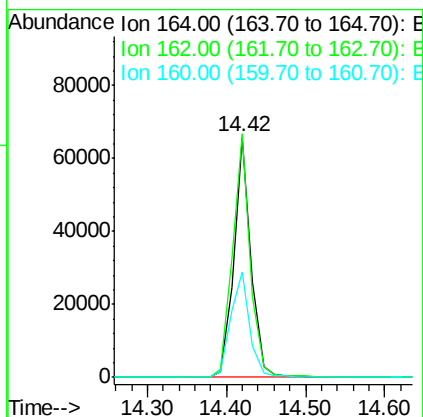
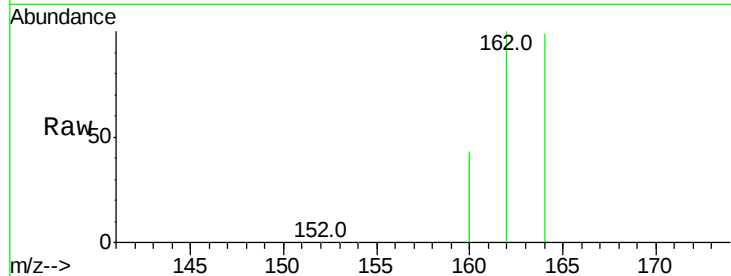
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion:164 Resp: 99343
Ion Ratio Lower Upper
164 100
162 101.4 85.3 127.9
160 44.1 46.2 69.2#

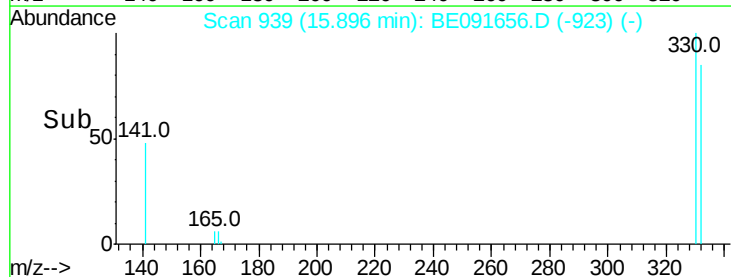
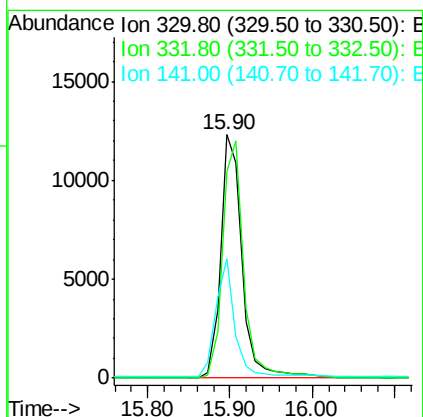
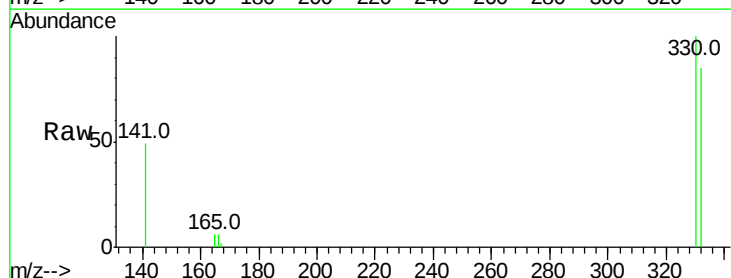
Manual Integrations
APPROVED

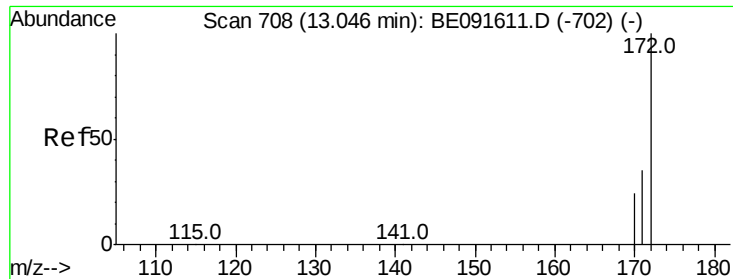
Sohil
4/14/2016 5:31:25 PM



#14
2,4,6-Tribromophenol
Concen: 6.98 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion:330 Resp: 25261
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 43.1 125.4 188.0#





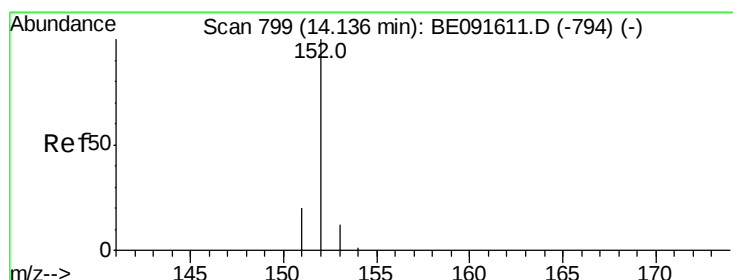
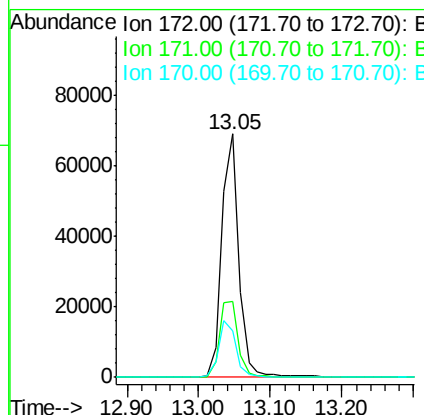
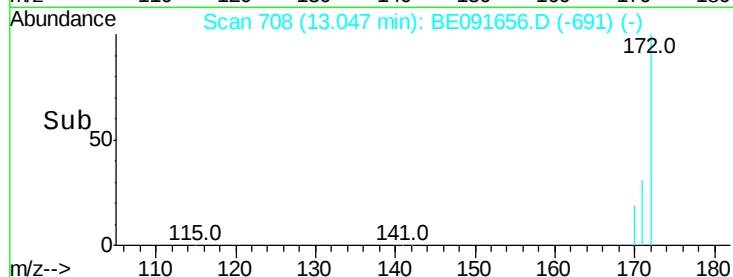
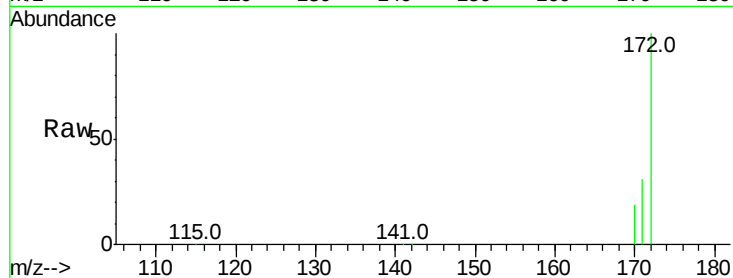
#15
2-Fluorobiphenyl
Concen: 4.13 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	31.1	28.8	43.2	
170	19.0	19.3	28.9	

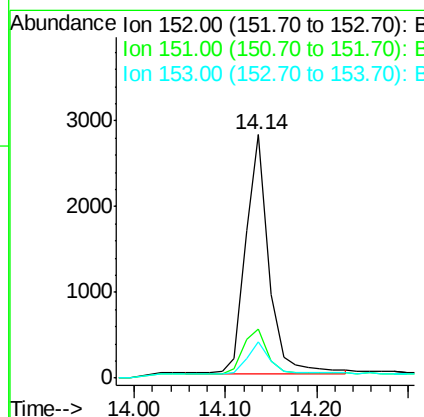
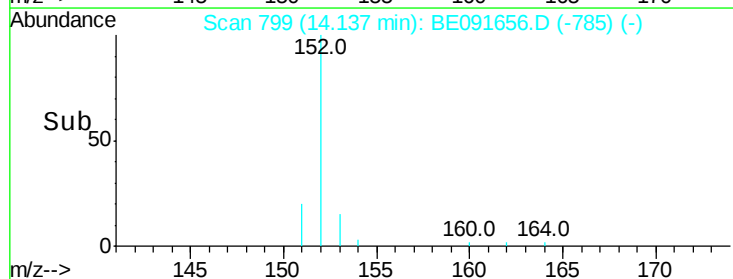
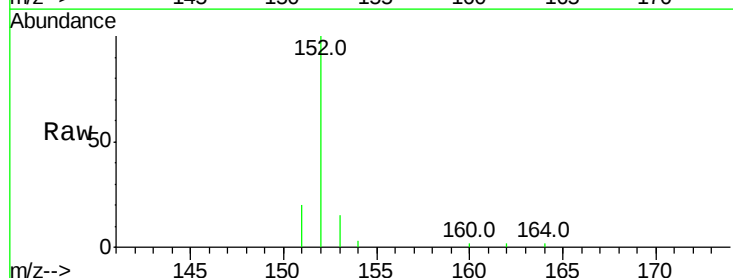
Manual Integrations
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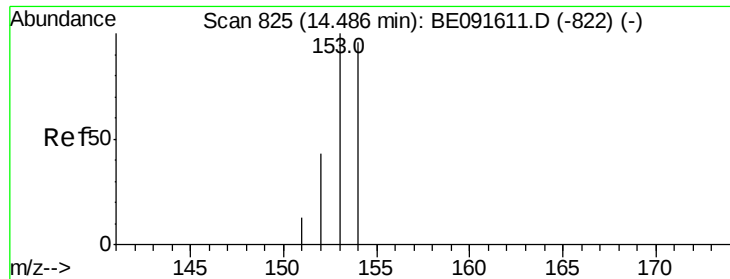
Sohil
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#16
Acenaphthylene
Concen: 0.13 ng m
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	23.9	3.9	5.9	
153	17.4	10.3	15.5	





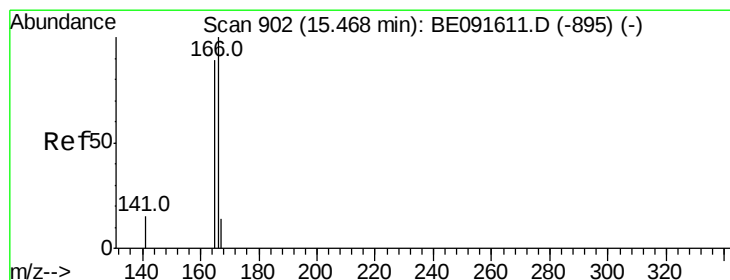
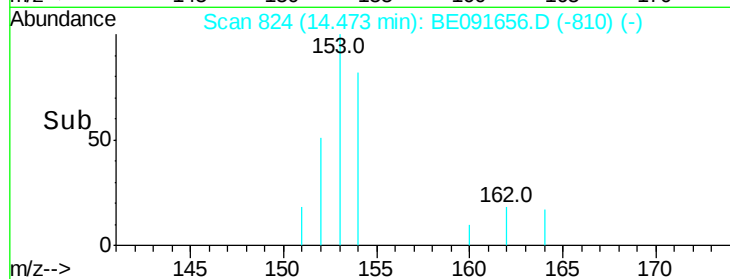
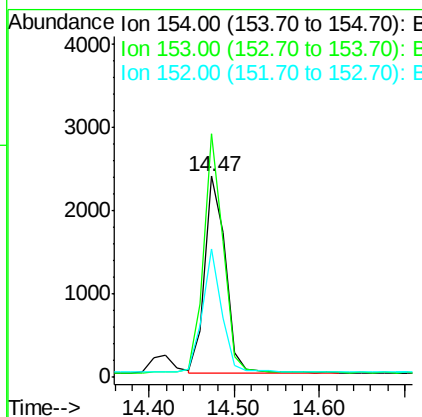
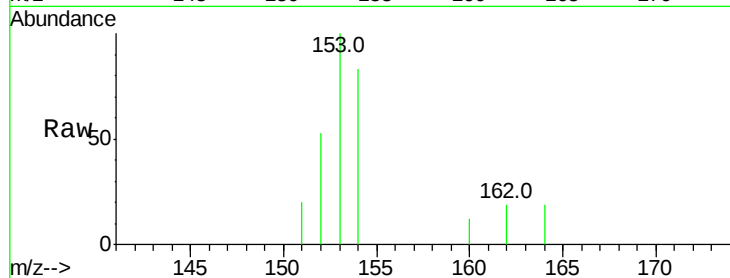
#17
Acenaphthene
Concen: 0.16 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	80.0	120.0
152	59.3	40.0	60.0

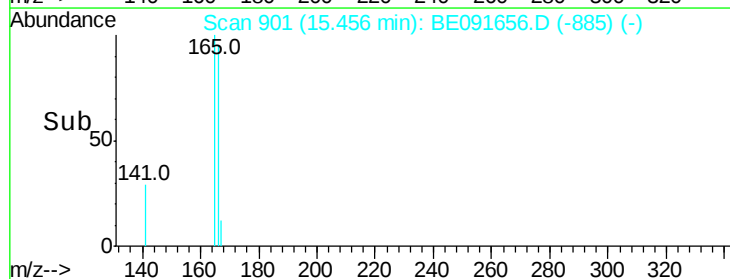
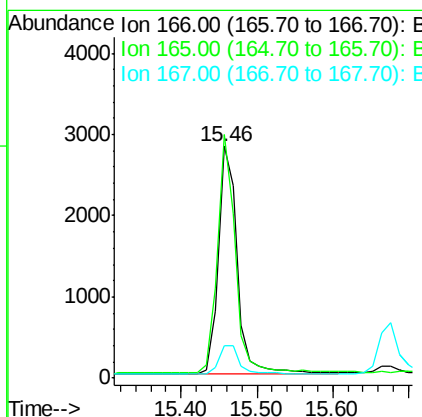
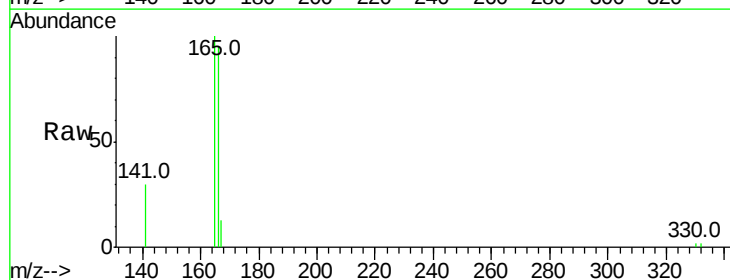
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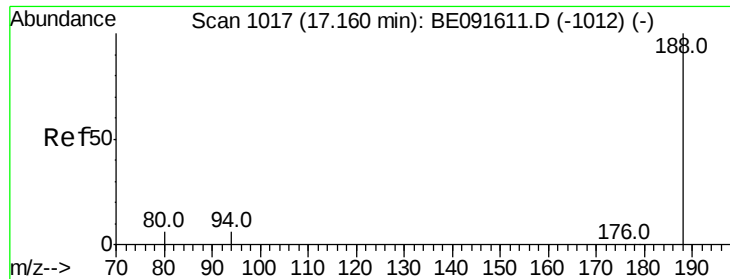
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#18
Fluorene
Concen: 0.16 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.8	121.2
167	13.4	10.9	16.3





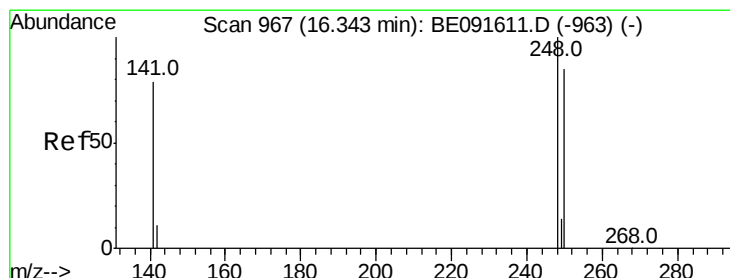
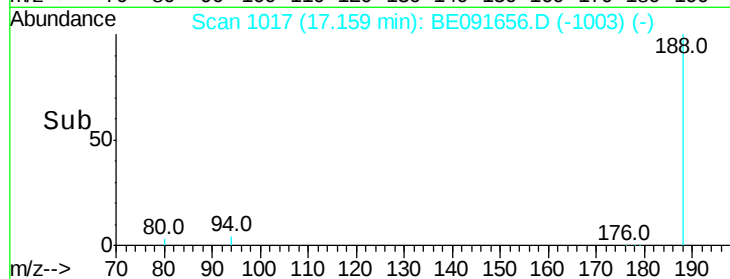
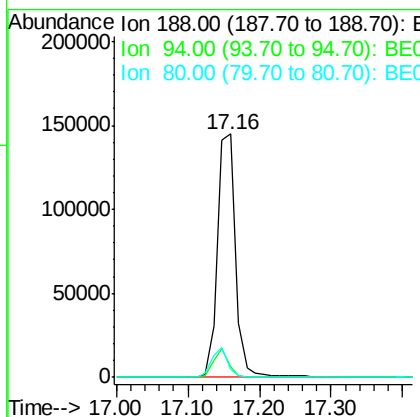
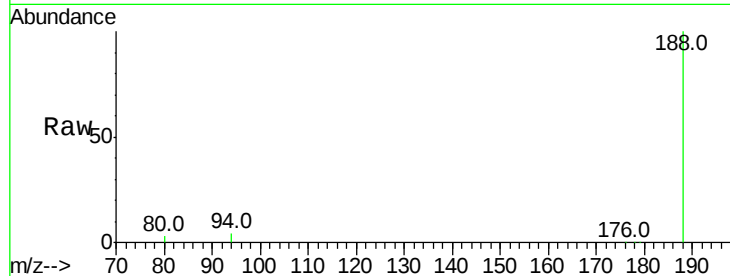
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.3	8.7	13.1#
80	3.5	9.4	14.0#

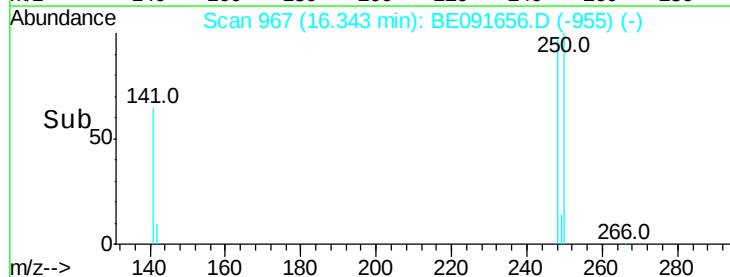
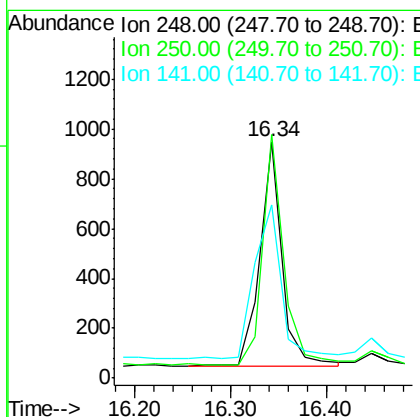
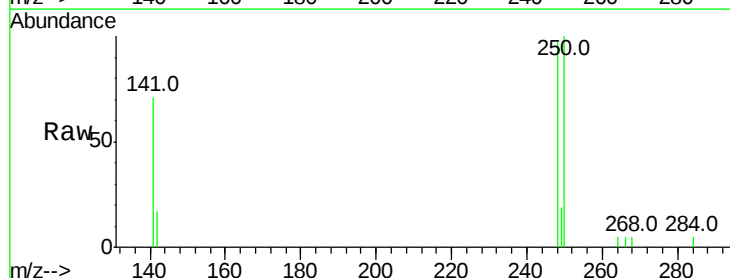
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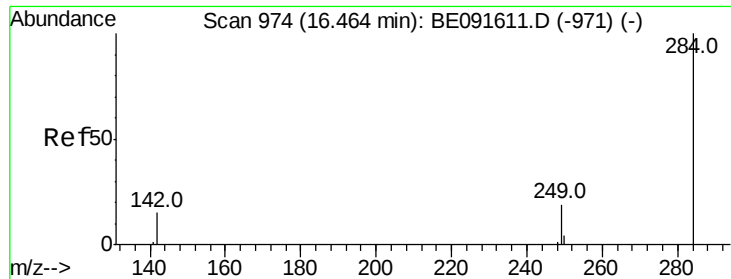
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#20
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	99.9	80.5	120.7
141	84.1	72.0	108.0





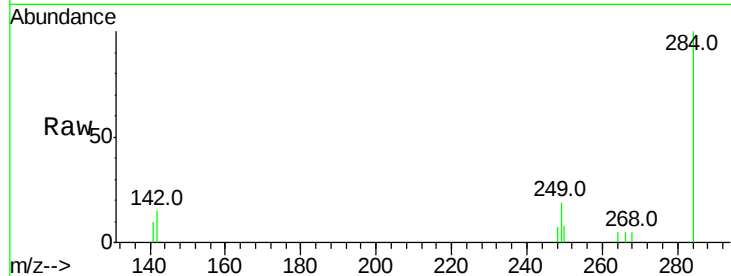
#21
Hexachlorobenzene
Concen: 0.17 ng m
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

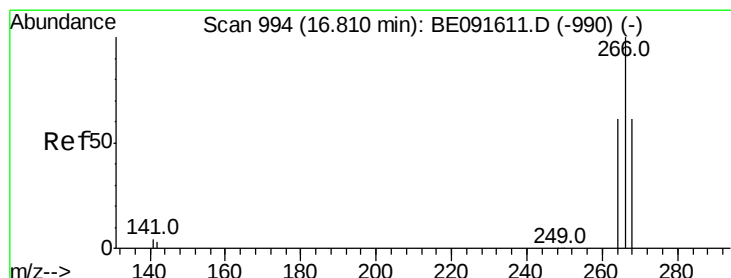
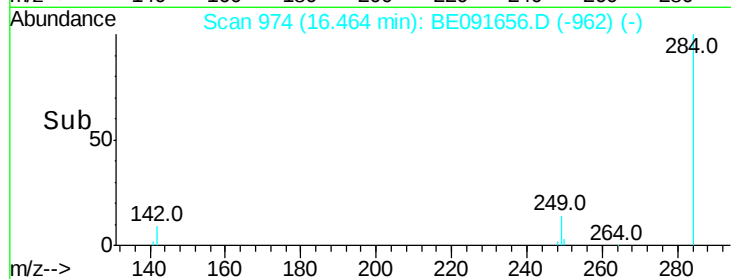
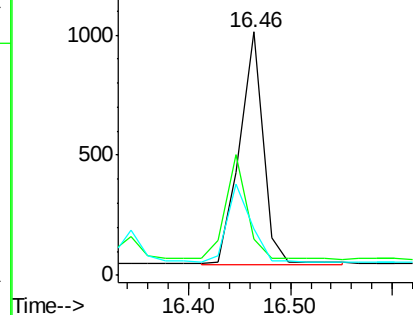
Tot Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.2	48.2
249	33.3	25.4	38.2

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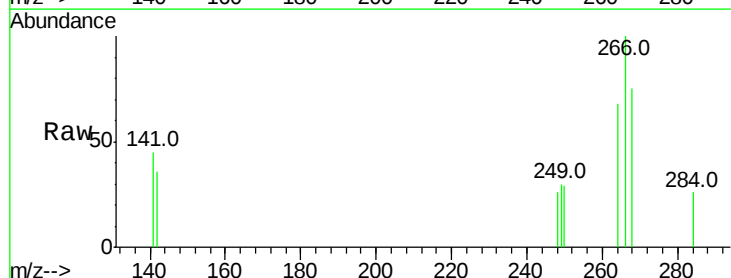


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

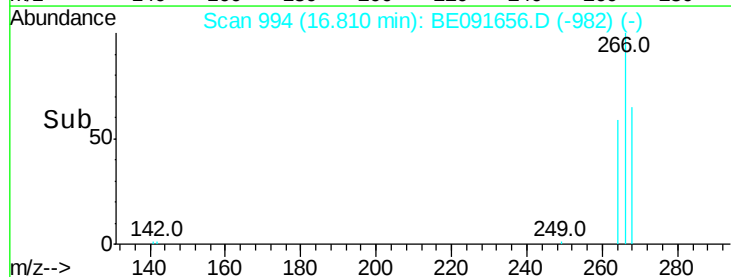
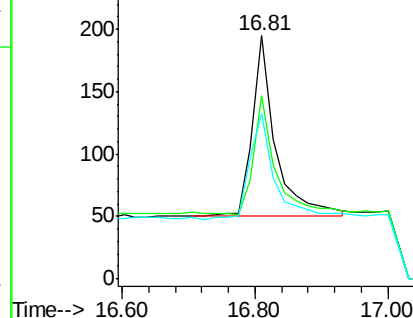


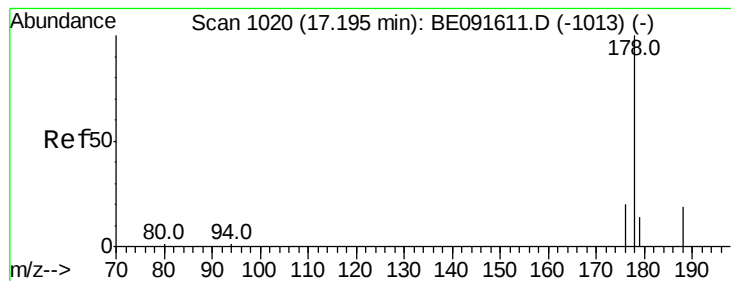
#22
Pentachlorophenol
Concen: 0.29 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE091656.D
Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	75.4	58.2	87.2
264	68.2	56.2	84.4



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: 0.18 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:178 Resp: 10215

Ion Ratio Lower Upper

178 100

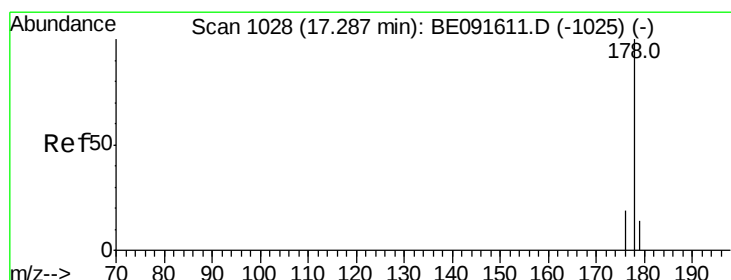
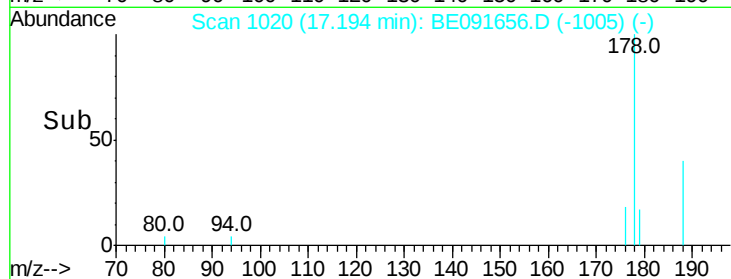
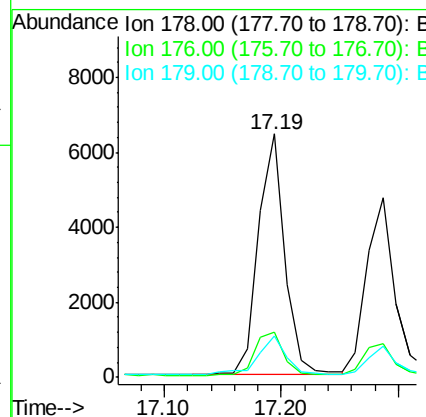
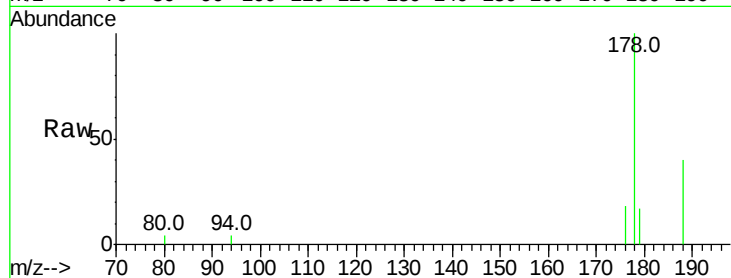
176 18.9 15.3 22.9

179 17.2 12.6 18.8

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#24

Anthracene

Concen: 0.16 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

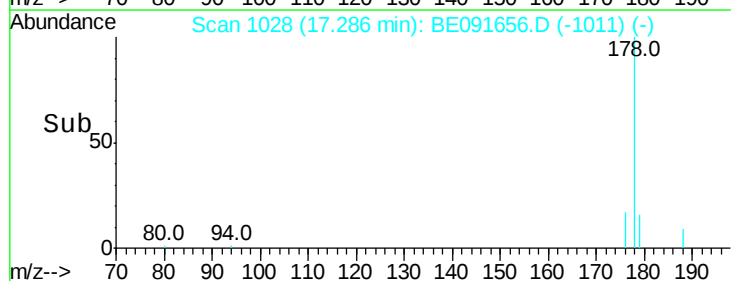
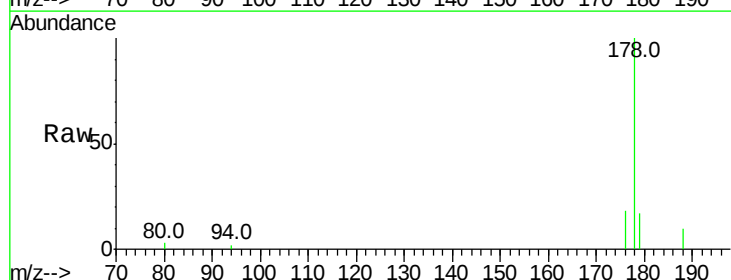
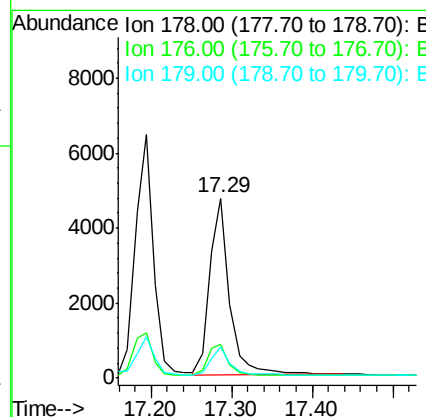
Tgt Ion:178 Resp: 8115

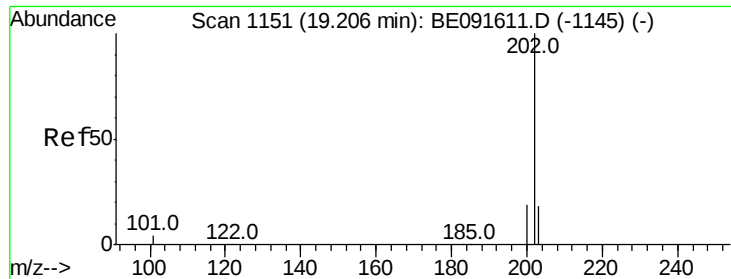
Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

179 14.8 11.8 17.6





#25

Fluoranthene

Concen: 0.15 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

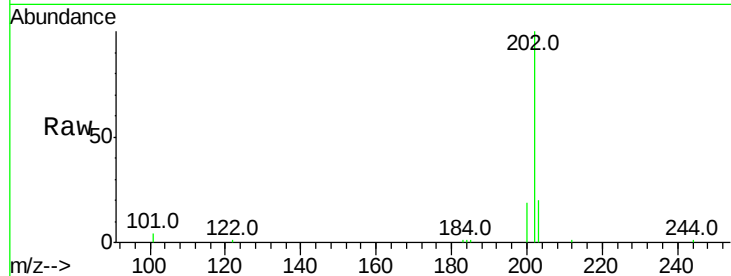
ClientSampleId :

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Tot Ion:	202	Resp:	9385
Ion Ratio	Lower	Upper	
202	100		
101	12.1	11.0	16.6
203	17.6	13.9	20.9

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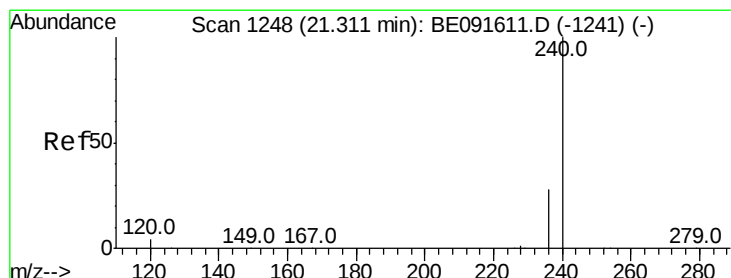
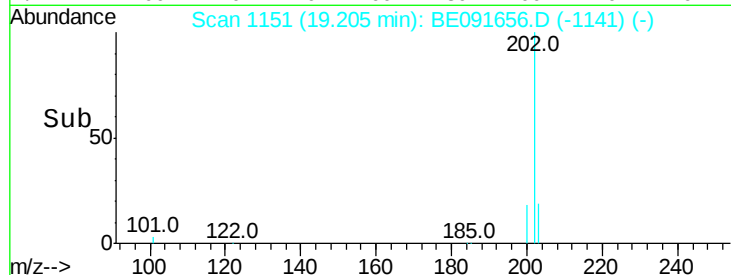
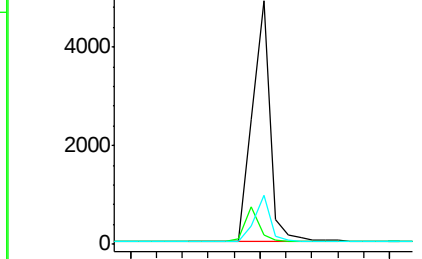
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Abundance Ion 202.00 (201.70 to 202.70): E

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

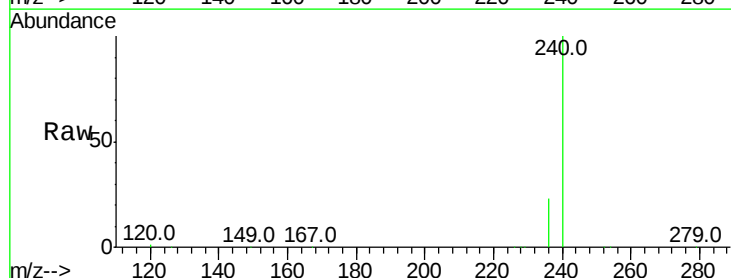
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

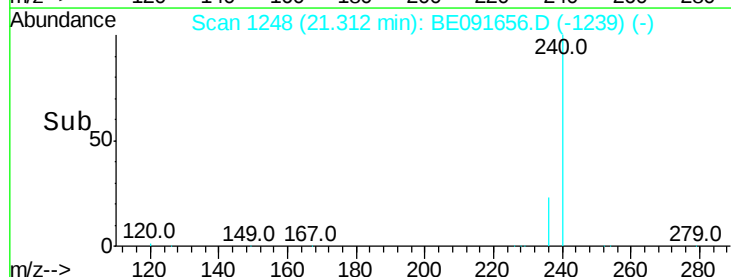
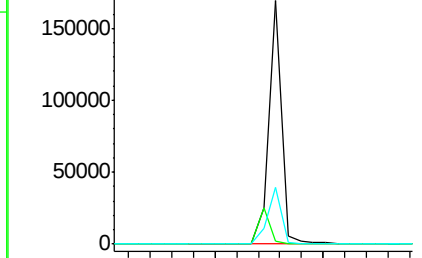
Tgt Ion:	240	Resp:	282200
Ion Ratio	Lower	Upper	
240	100		
120	1.3	11.0	16.4#
236	23.4	21.7	32.5

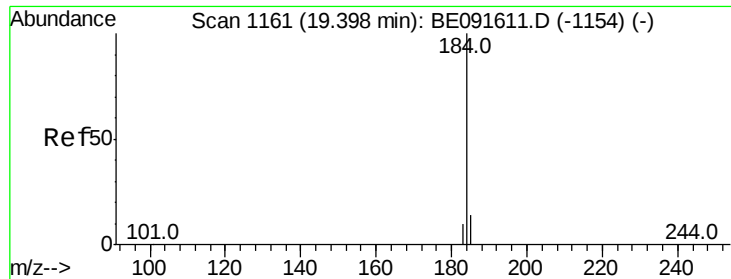


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.39 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE091656.D

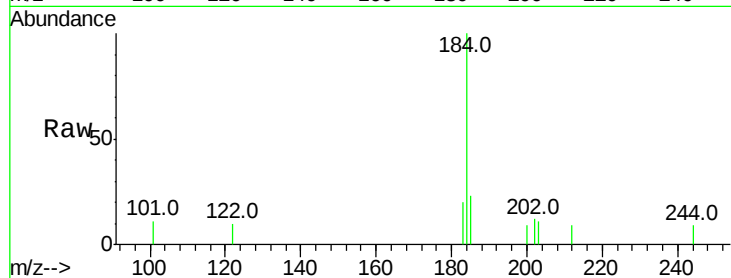
Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

ClientSampleId :

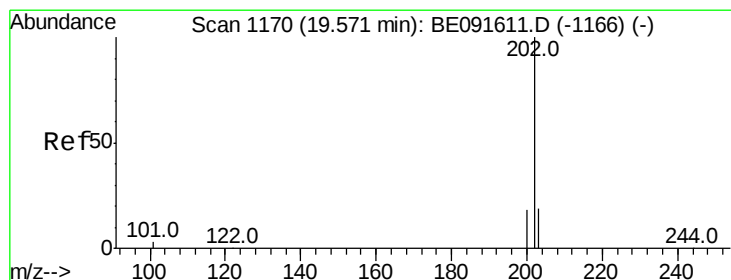
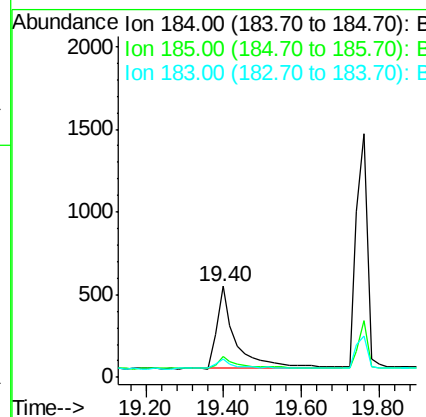
LOQ-SOIL2016-02



Tot Ion:	184	Resp:	1756
Ion	Ratio	Lower	Upper
184	100		
185	22.9	22.3	33.5
183	19.6	16.4	24.6

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#28

Pyrene

Concen: 0.18 ng

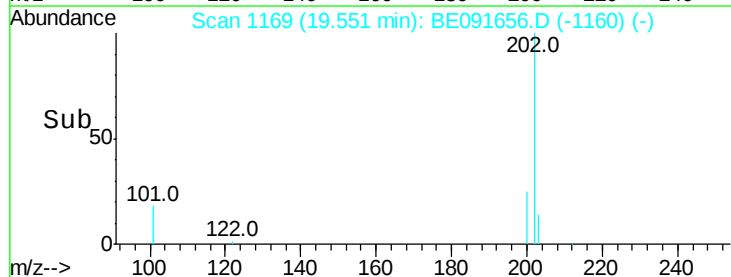
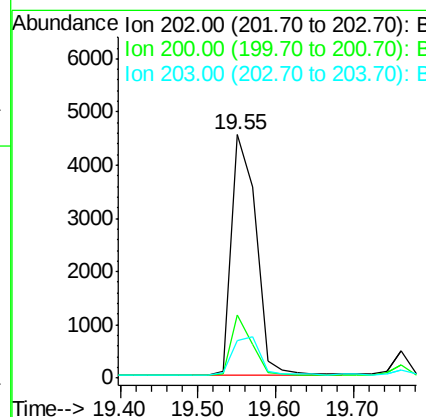
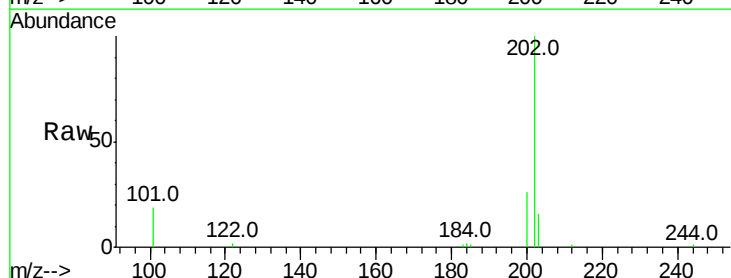
RT: 19.55 min Scan# 1169

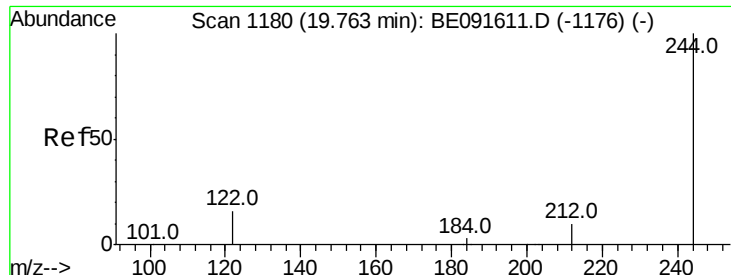
Delta R.T. -0.02 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:	202	Resp:	9930
Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.7	14.0	21.0





#29

Terphenyl-d14

Concen: 5.08 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091656.D

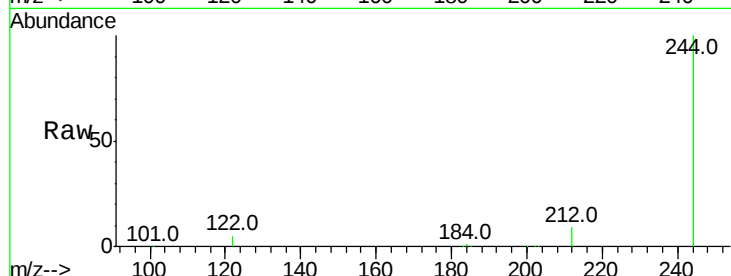
Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

ClientSampleId :

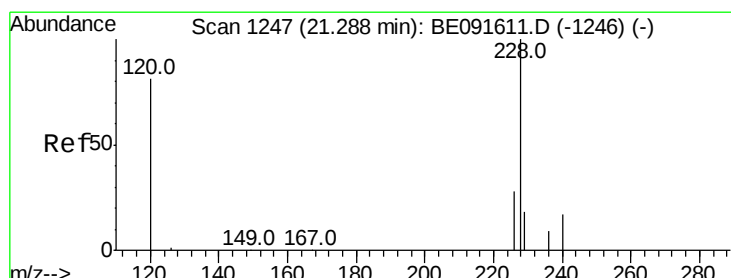
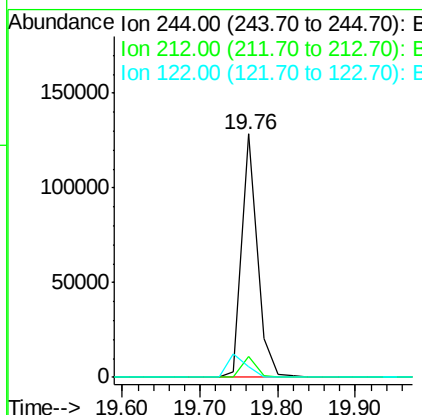
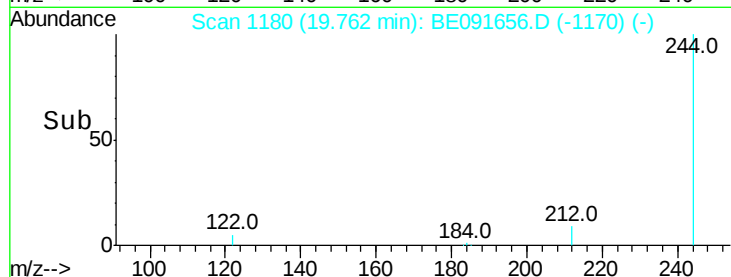
LOQ-SOIL2016-02



Tot Ion:	244	Resp:	179055
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.9	10.3
122	4.6	11.0	16.4

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#30

Benzo(a)anthracene

Concen: 0.18 ng

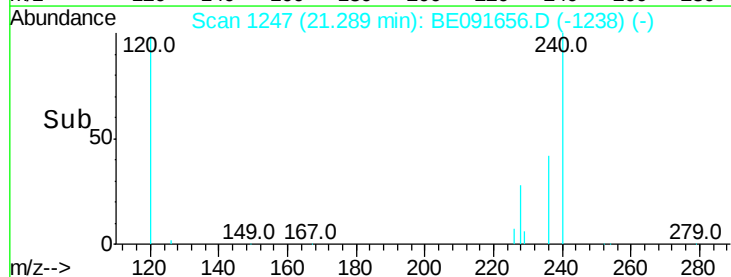
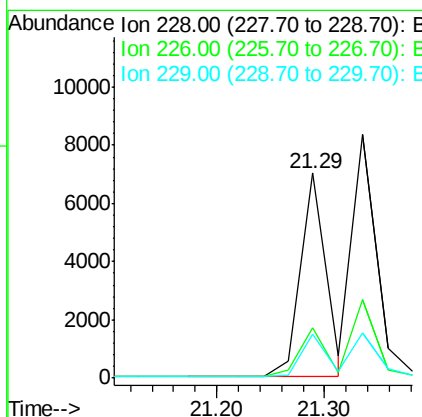
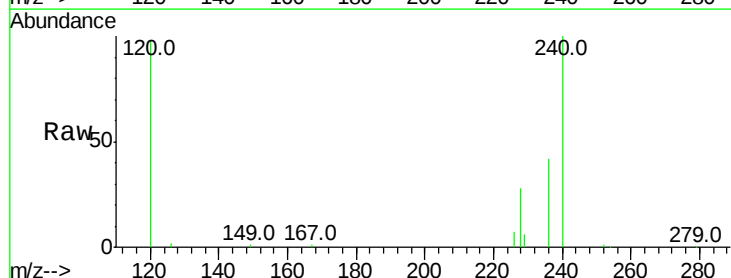
RT: 21.29 min Scan# 1247

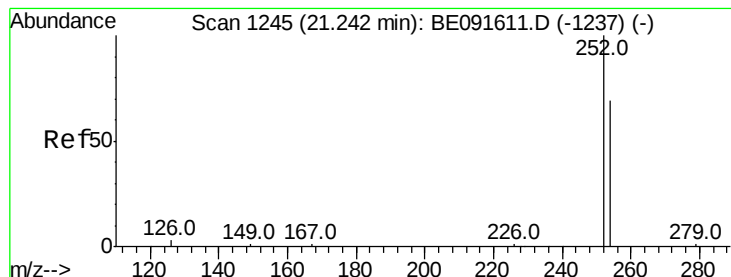
Delta R.T. 0.00 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:	228	Resp:	11384
Ion Ratio	Lower	Upper	
228	100		
226	24.6	21.0	31.4
229	21.7	15.7	23.5





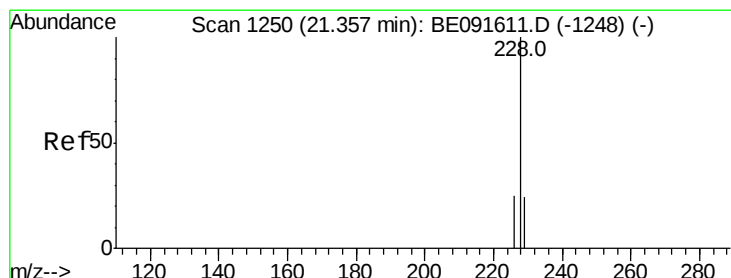
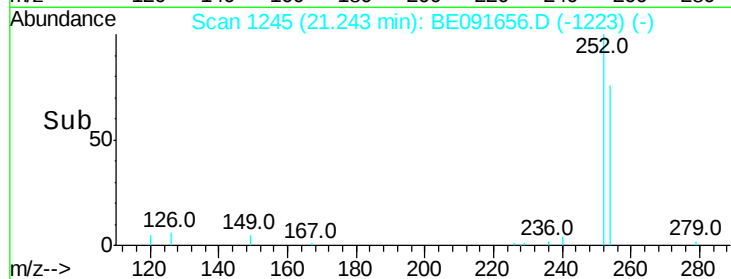
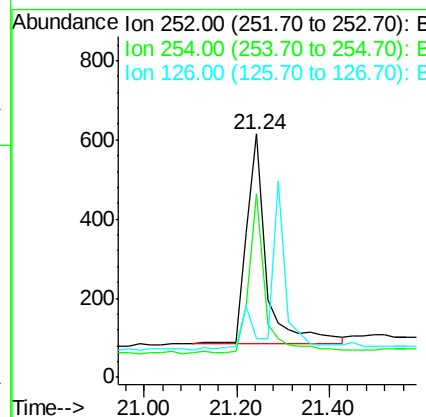
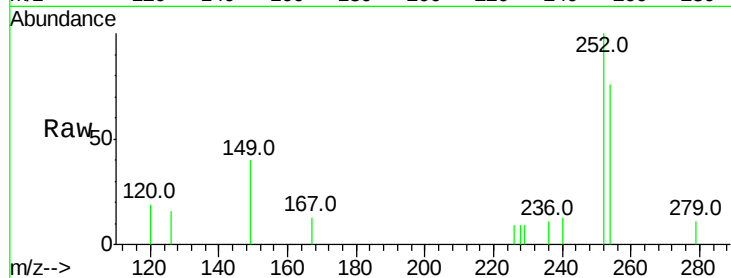
#31
 3,3'-Dichlorobenzidine
 Concen: 0.20 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	75.6	51.1	76.7
126	15.9	12.6	18.8

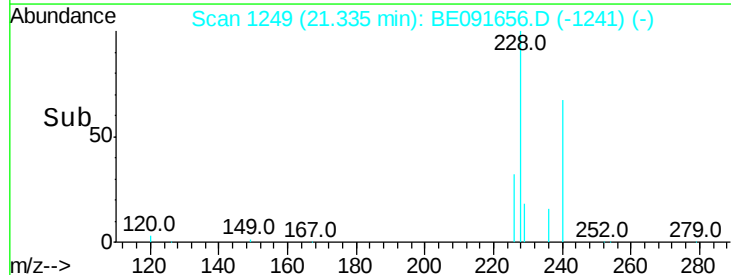
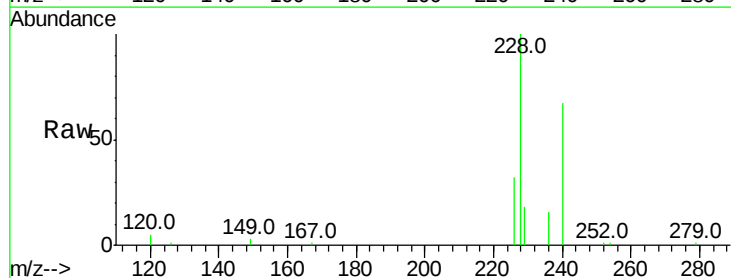
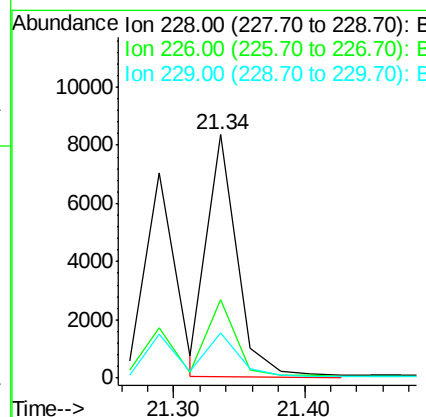
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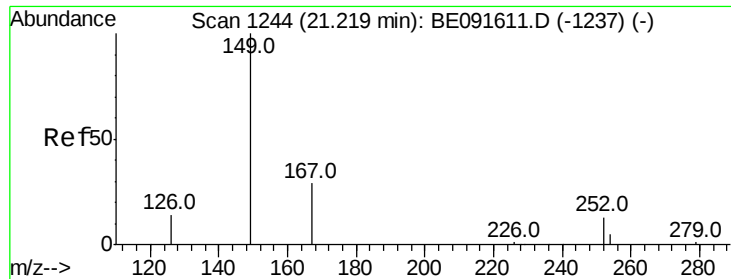
Sohil
 4/14/2016 5:31:25 PM



#32
 Chrysene
 Concen: 0.23 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	18.4	15.9	23.9





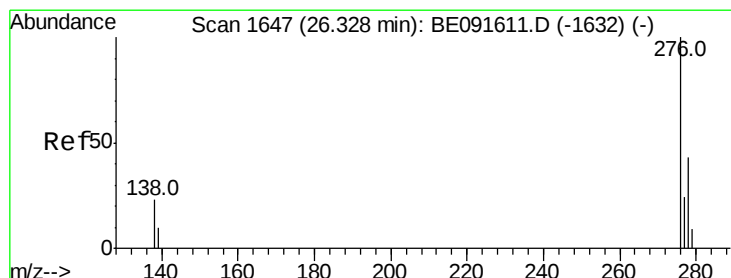
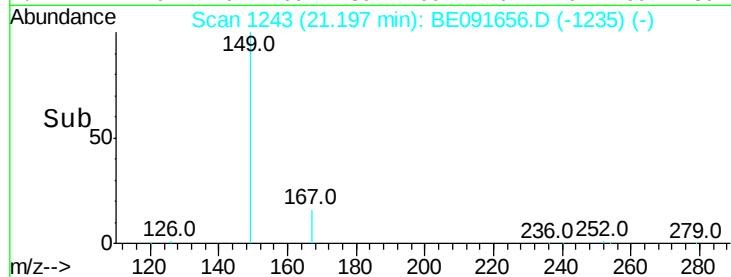
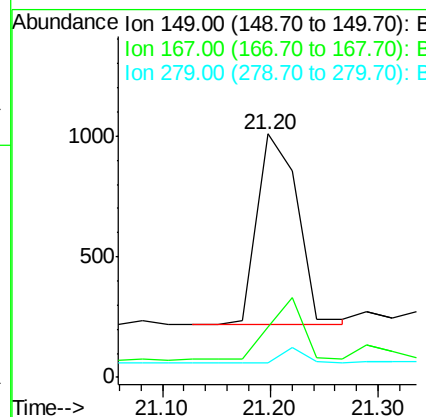
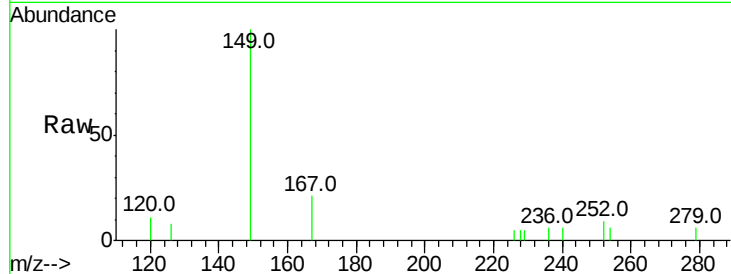
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.31 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.5	29.3#
279	0.0	10.0	15.0#

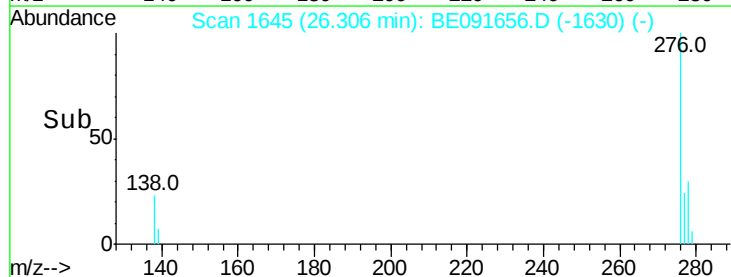
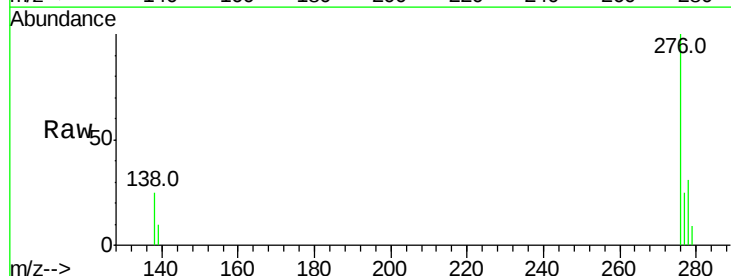
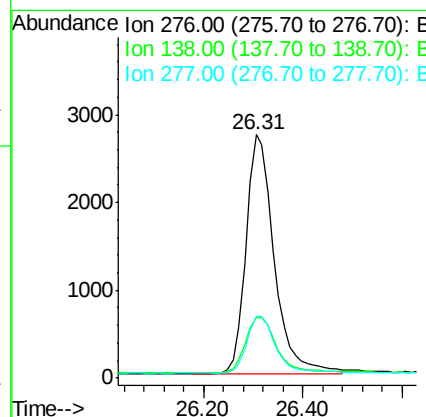
Manual Integrations
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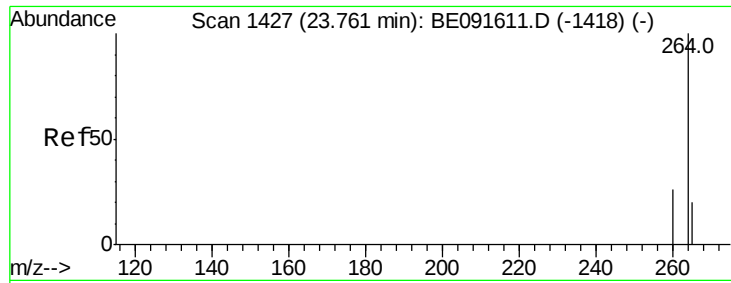
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 4/14/2016 5:31:25 PM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.17 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BE091656.D
 Acq: 13 Apr 2016 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.4	35.2
277	24.8	19.8	29.8





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

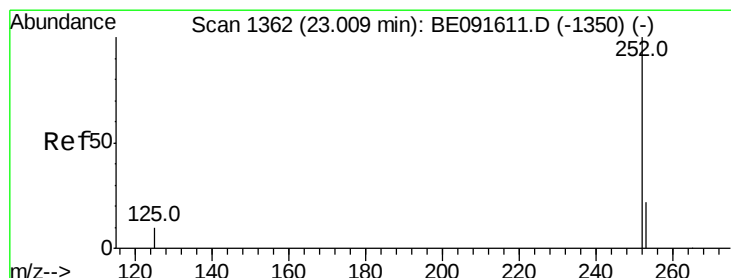
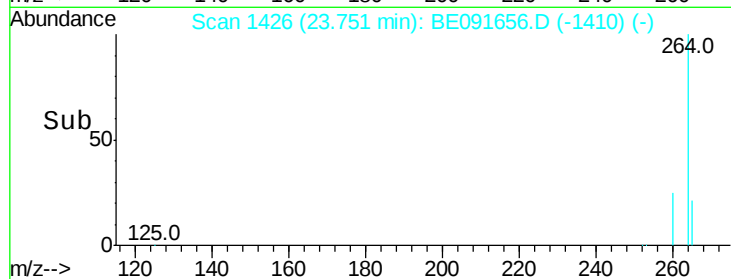
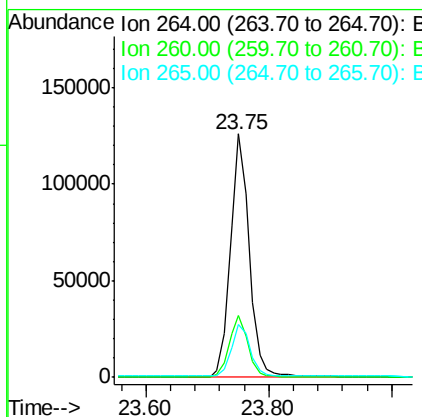
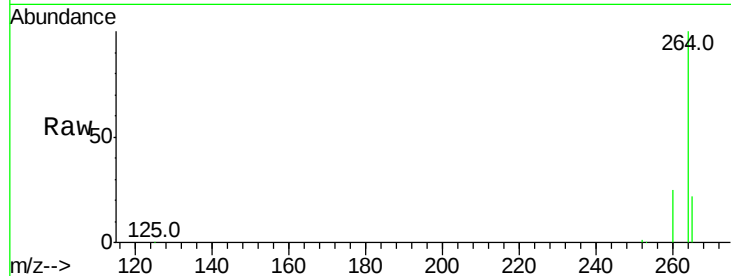
ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:	264	Resp:	270314
Ion Ratio	Lower	Upper	
264	100		
260	25.4	20.0	30.0
265	21.7	17.5	26.3

Manual Integrations
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#36

Benzo(b)fluoranthene

Concen: 0.17 ng

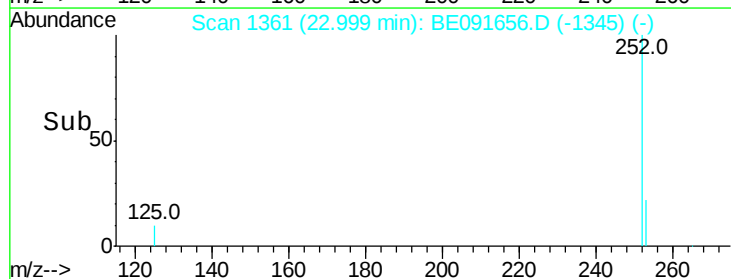
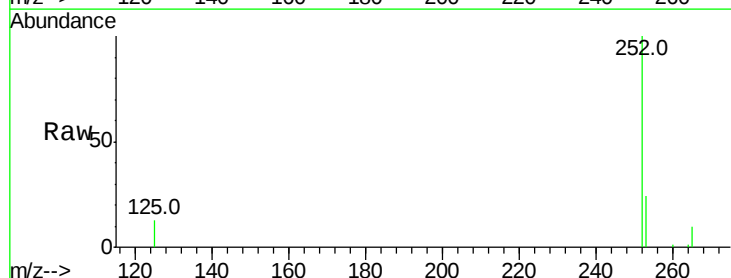
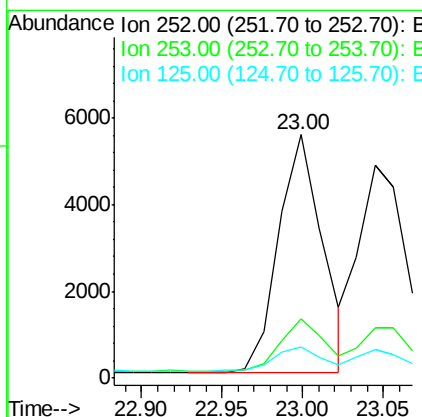
RT: 23.00 min Scan# 1361

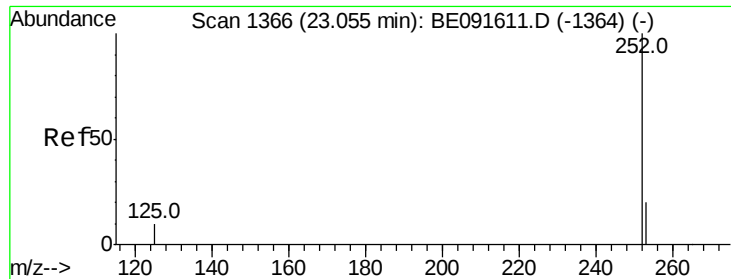
Delta R.T. -0.01 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:	252	Resp:	10503
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.4	26.0
125	12.6	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.05 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

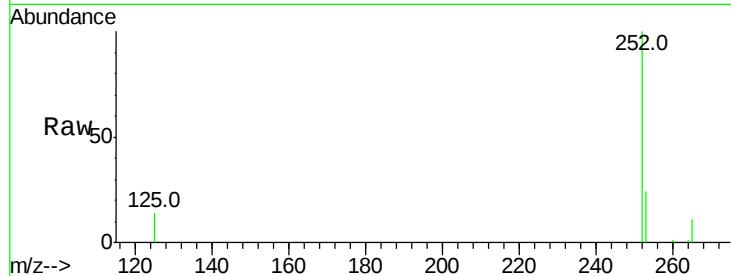
ClientSampleId :

LOQ-SOIL2016-02

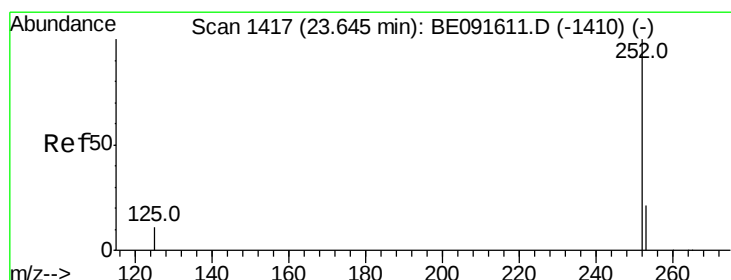
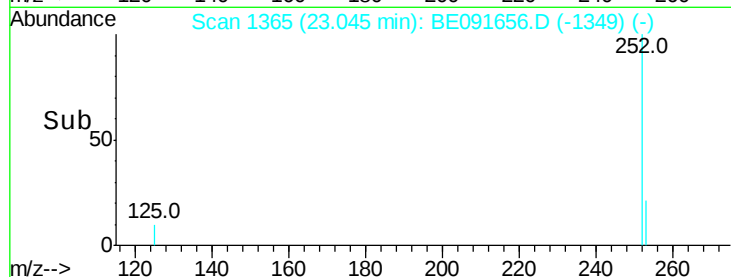
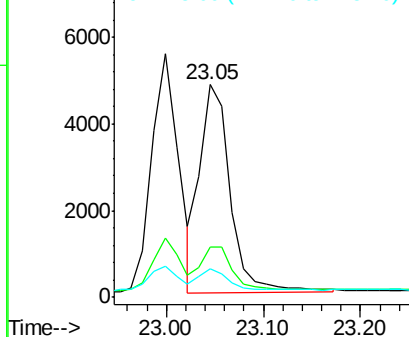
Tot Ion:	252	Resp:	10519
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	13.7	9.9	14.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.16 ng

RT: 23.63 min Scan# 1416

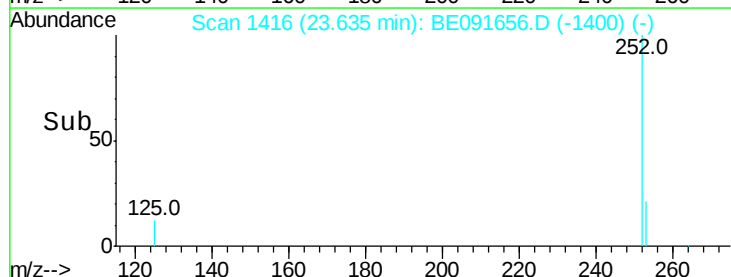
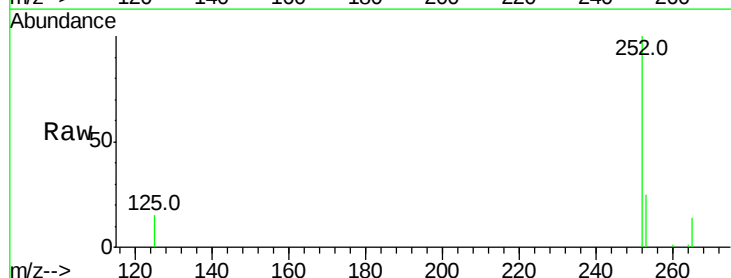
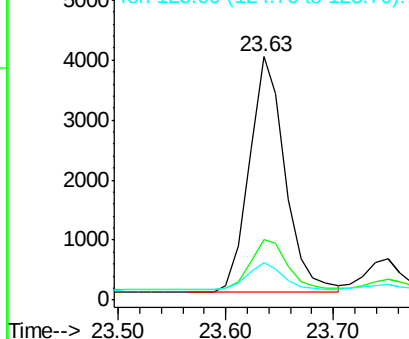
Delta R.T. -0.01 min

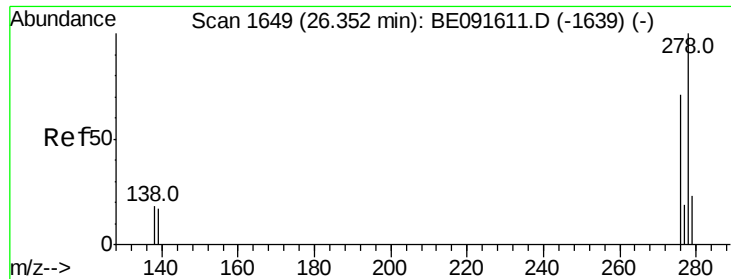
Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:	252	Resp:	9080
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.1	27.1
125	15.5	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.15 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091656.D

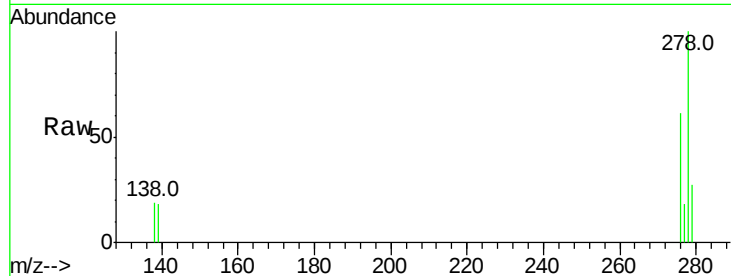
Acq: 13 Apr 2016 14:20

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:278 Resp: 8710

Ion Ratio Lower Upper

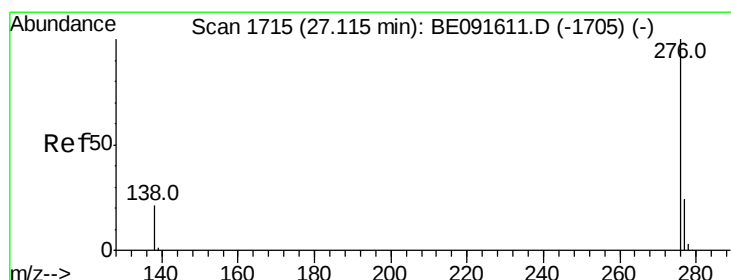
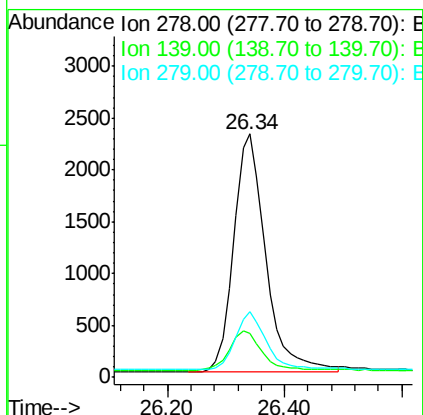
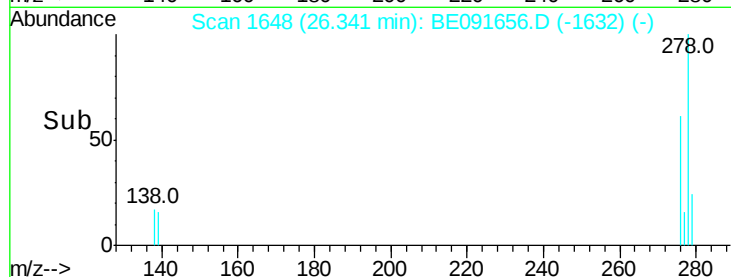
278 100

139 17.9 16.0 24.0

279 26.9 19.4 29.2

Manual Integrations
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#40

Benzo(g,h,i)perylene

Concen: 0.16 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.02 min

Lab File: BE091656.D

Acq: 13 Apr 2016 14:20

Tgt Ion:276 Resp: 9432

Ion Ratio Lower Upper

276 100

277 25.1 18.6 28.0

138 24.2 20.4 30.6

