

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
 Data File : BE091744.D
 Acq On : 3 May 2016 15:31
 Operator : UM/SJ
 Sample : H1824-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Manual Integrations
 APPROVED

sohil
 5/4/2016 6:49:19 PM

Quant Time: May 04 01:24:41 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	40464	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	179484	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	100070	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	258991	5.00	ng	0.00
26) Chrysene-d12	21.31	240	263380	5.00	ng	0.00
35) Perylene-d12	23.75	264	287880	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	69589	7.00	ng	0.00
5) Phenol-d6	6.95	99	94160	7.14	ng	0.00
8) Nitrobenzene-d5	8.95	82	39011	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	21492	5.81	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	115072	4.07	ng	0.00
29) Terphenyl-d14	19.76	244	177540	4.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	959	0.10	ng	88
3) n-Nitrosodimethylamine	3.66	42	902	0.12	ng	89
6) bis(2-Chloroethyl)ether	7.21	93	1663	0.14	ng	# 76
9) Nitrobenzene	8.99	77	1823	0.15	ng	# 96
10) Naphthalene	10.61	128	6015	0.17	ng	96
11) Hexachlorobutadiene	10.92	225	861m	0.16	ng	
12) 2-Methylnaphthalene	12.24	142	3674	0.16	ng	98
16) Acenaphthylene	14.12	152	5065m	0.13	ng	
17) Acenaphthene	14.47	154	3951	0.16	ng	86
18) Fluorene	15.46	166	4867	0.16	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	1452	0.16	ng	94
21) Hexachlorobenzene	16.45	284	1565m	0.17	ng	
22) Pentachlorophenol	16.81	266	376	0.17	ng	96
23) Phenanthrene	17.18	178	10223	0.17	ng	98
24) Anthracene	17.28	178	8054	0.15	ng	98
25) Fluoranthene	19.19	202	9550	0.16	ng	97
27) Benzidine	19.40	184	1651	0.24	ng	94
28) Pyrene	19.55	202	10649	0.18	ng	99
30) Benzo(a)anthracene	21.29	228	11674	0.18	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	6279	0.19	ng	# 82
32) Chrysene	21.33	228	15005m	0.22	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	2604	0.13	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.31	276	11260	0.19	ng	96
36) Benzo(b)fluoranthene	23.00	252	11518	0.17	ng	96
37) Benzo(k)fluoranthene	23.04	252	10395	0.15	ng	97
38) Benzo(a)pyrene	23.63	252	9885	0.16	ng	# 92
39) Dibenzo(a,h)anthracene	26.33	278	9121	0.15	ng	95
40) Benzo(g,h,i)perylene	27.09	276	9467	0.15	ng	94

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

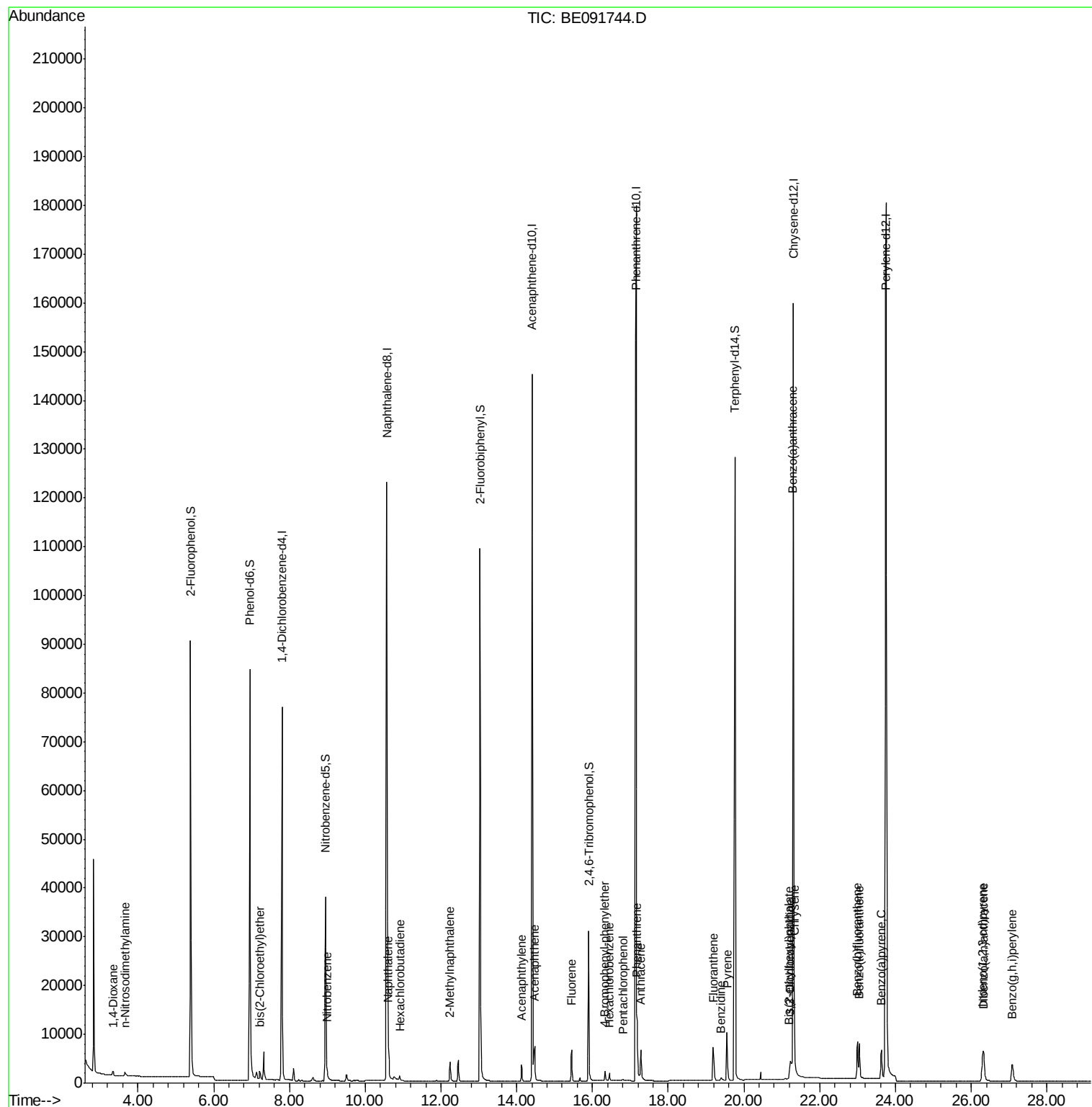
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
Data File : BE091744.D
Acq On : 3 May 2016 15:31
Operator : UM/SJ
Sample : H1824-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM

Quant Time: May 04 01:24:41 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091744.D

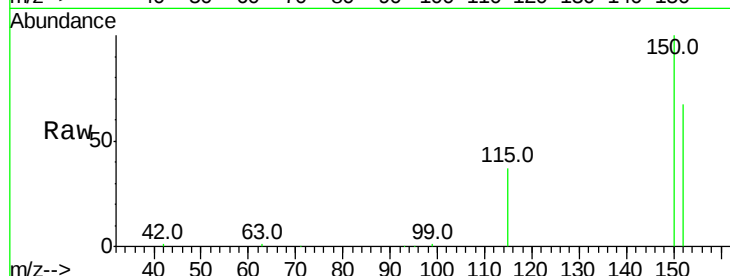
Acq: 3 May 2016 15:31

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:152 Resp: 40464

Ion Ratio Lower Upper

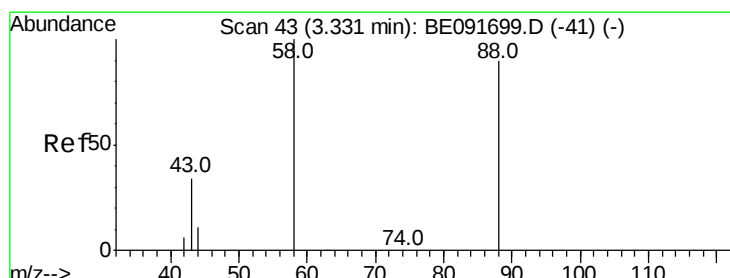
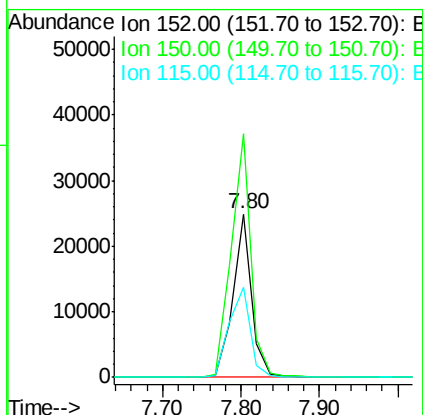
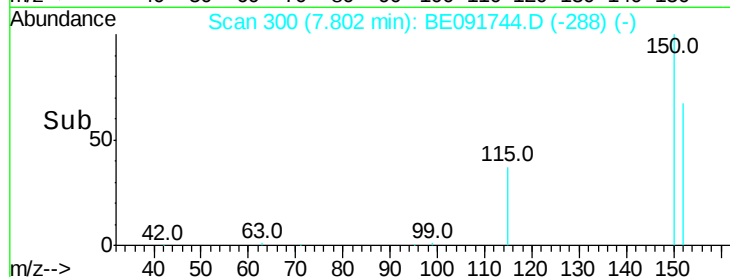
152 100

150 149.2 122.6 183.8

115 55.4 52.8 79.2

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

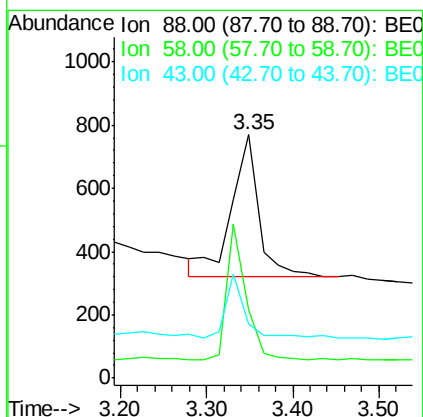
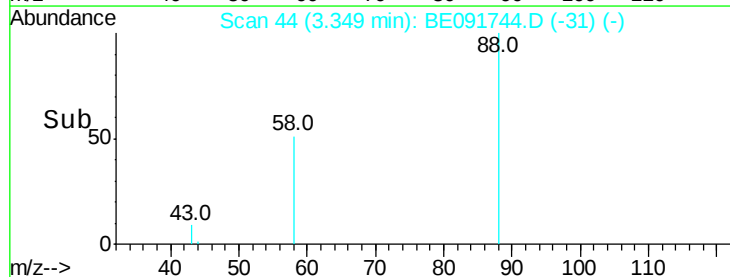
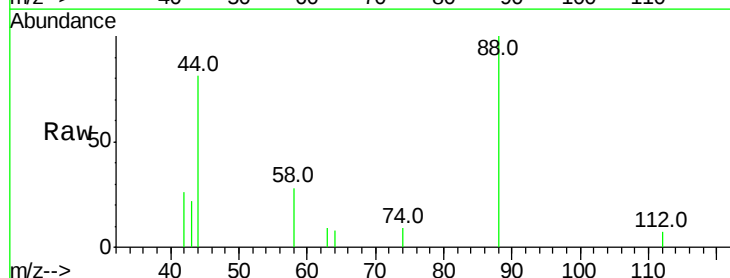
Tgt Ion: 88 Resp: 959

Ion Ratio Lower Upper

88 100

58 68.6 65.8 98.6

43 33.4 25.3 37.9





#3

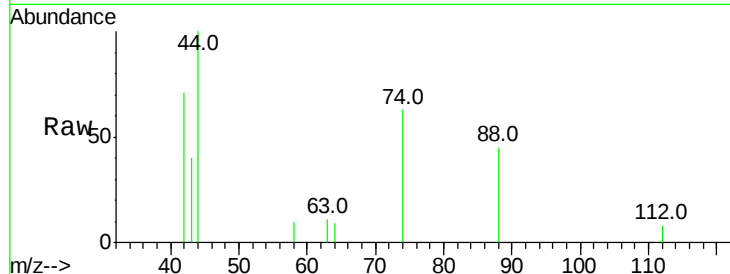
n-Nitrosodimethylamine
 Concen: 0.12 ng
 RT: 3.66 min Scan# 62
 Delta R.T. 0.03 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

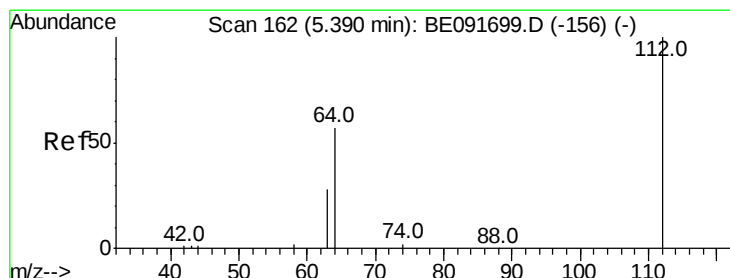
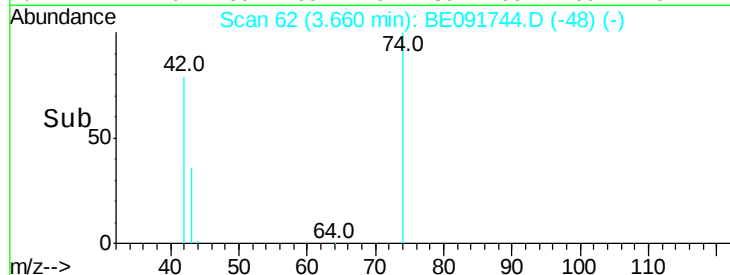
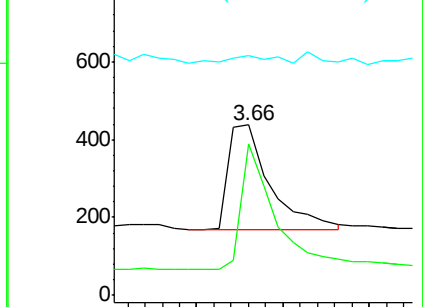
Tot Ion	Ratio	Lower	Upper
42	100		
74	97.2	87.9	131.9
44	9.6	6.6	9.8

Manual Integrations
 APPROVED

sohil
 5/4/2016 6:49:19 PM



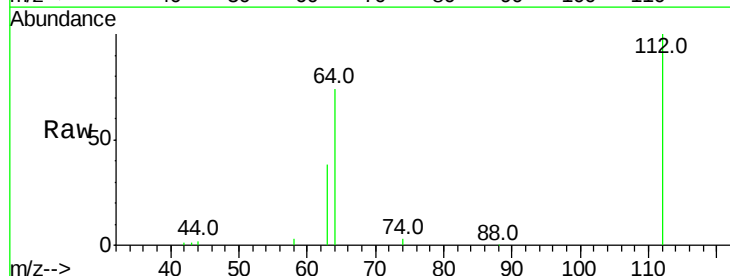
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



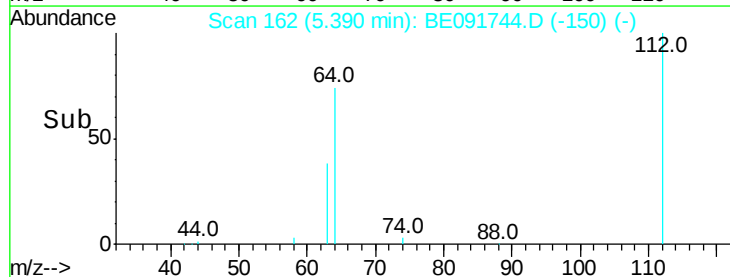
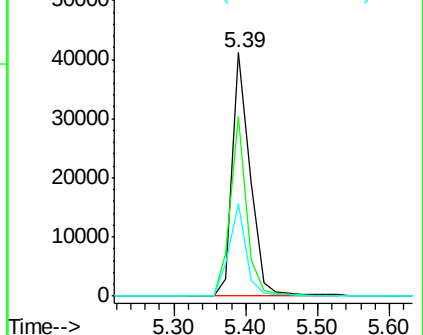
#4

2-Fluorophenol
 Concen: 7.00 ng
 RT: 5.39 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	30.9	46.3#
63	36.5	16.7	25.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.14 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Instrument :

BNA_E

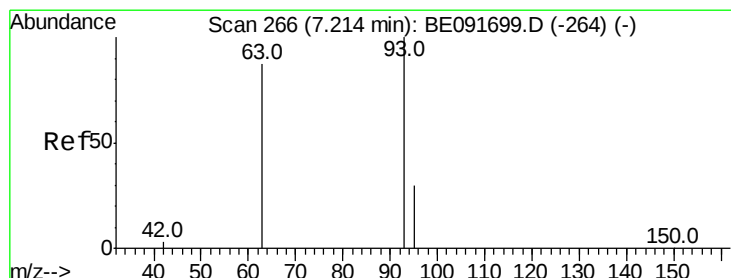
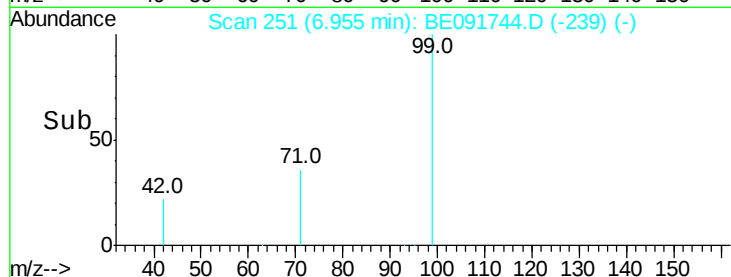
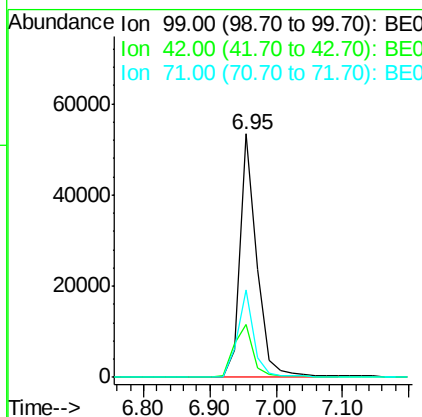
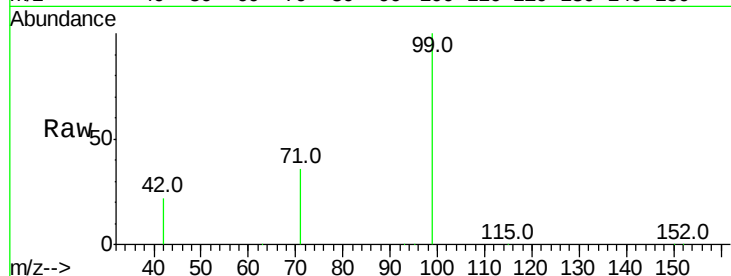
ClientSampleId :

LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	24.8	16.2	24.2#	
71	35.3	29.0	43.4	

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.14 ng

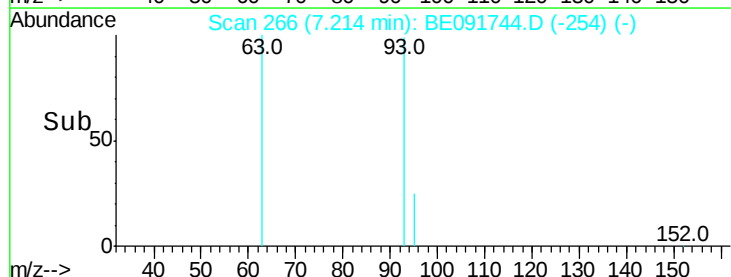
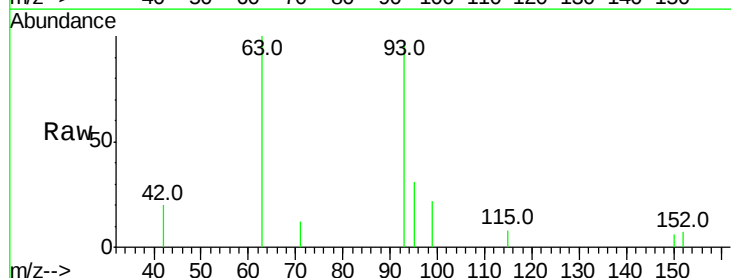
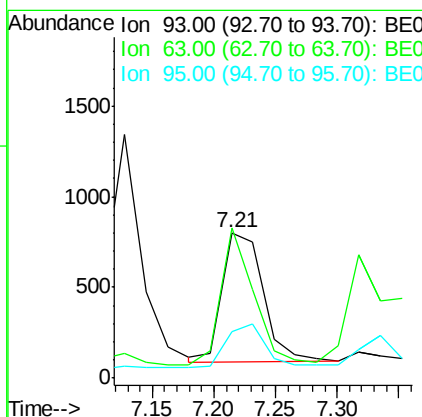
RT: 7.21 min Scan# 266

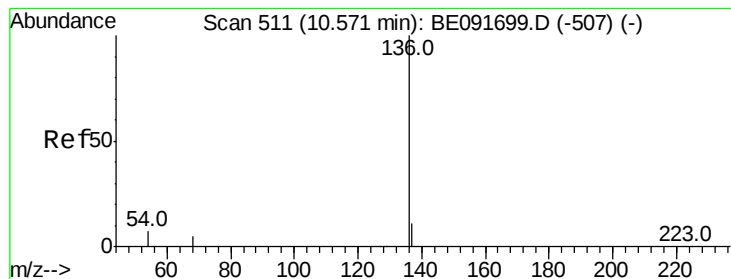
Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.9	49.5	74.3#	
95	32.3	22.2	33.4	





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091744.D

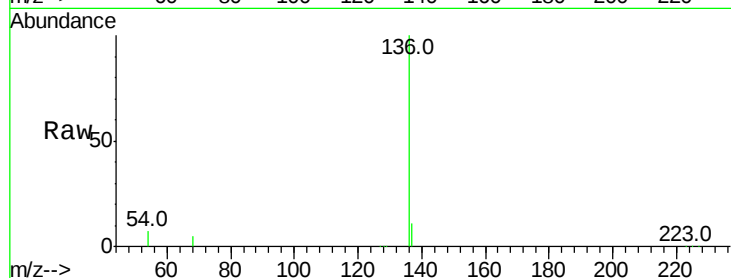
Acq: 3 May 2016 15:31

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:136 Resp: 179484

Ion Ratio Lower Upper

136 100

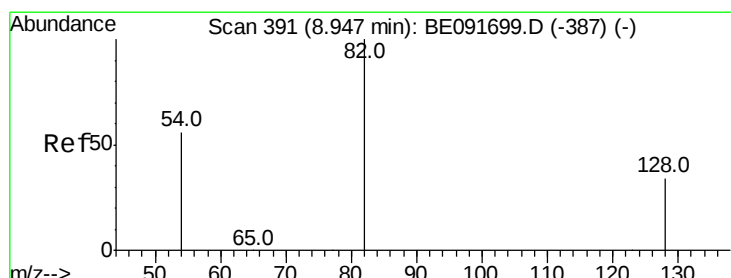
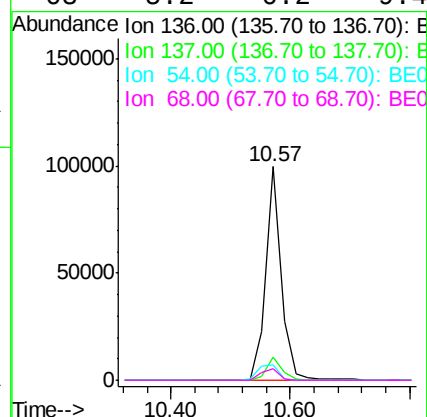
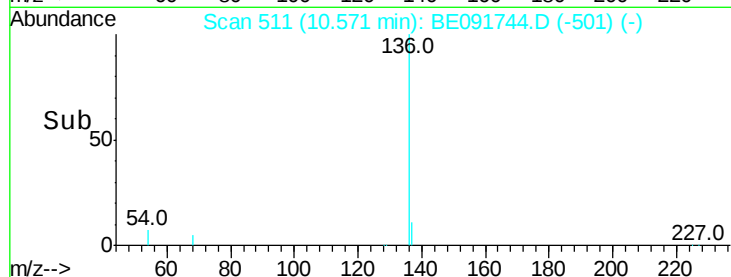
137 11.0 8.9 13.3

54 7.2 8.2 12.4#

68 5.2 6.2 9.4#

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#8

Nitrobenzene-d5

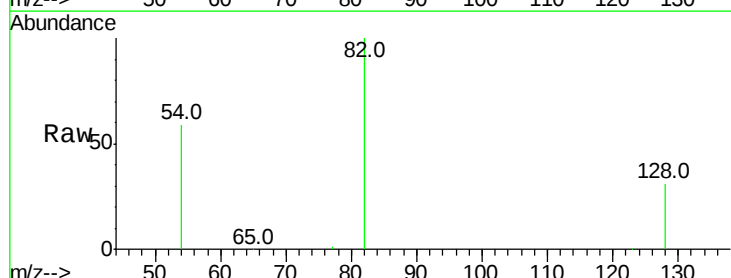
Concen: 3.37 ng

RT: 8.95 min Scan# 391

Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31



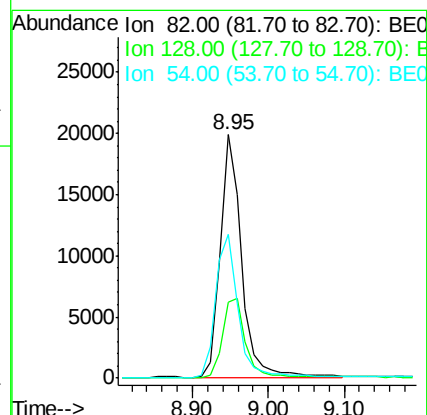
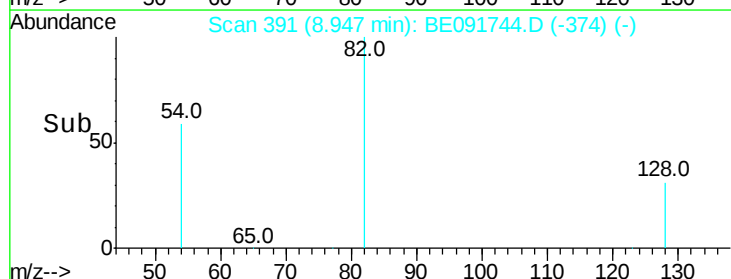
Tgt Ion: 82 Resp: 39011

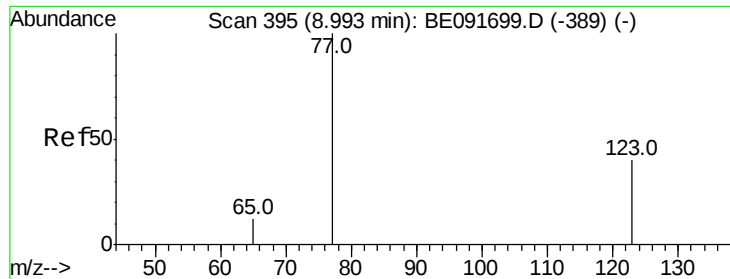
Ion Ratio Lower Upper

82 100

128 31.1 25.4 38.0

54 59.2 48.4 72.6





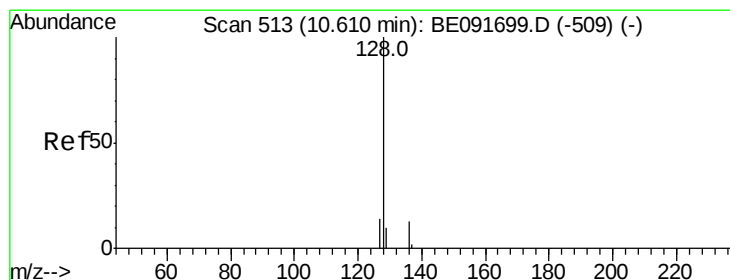
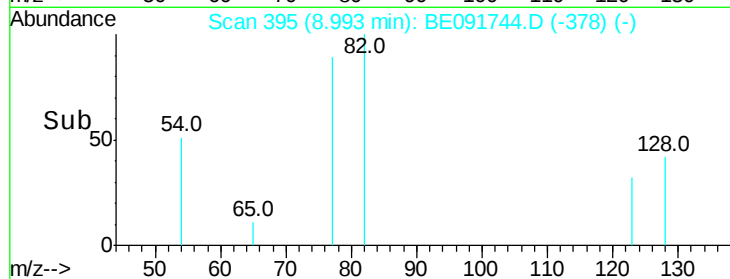
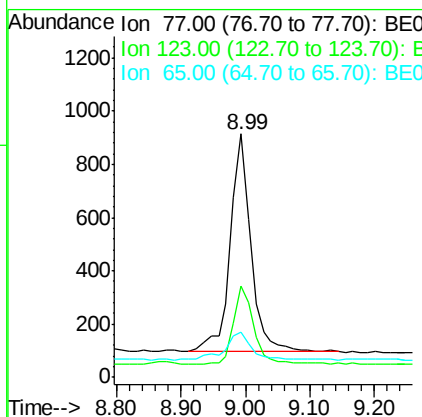
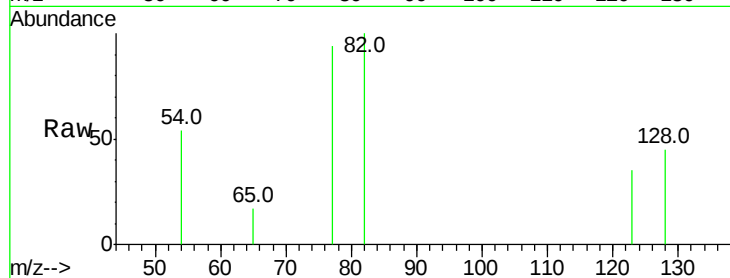
#9
 Nitrobenzene
 Concen: 0.15 ng
 RT: 8.99 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion:	77	Resp:	1823
Ion Ratio	Lower	Upper	
77	100		
123	34.8	26.9	40.3
65	15.4	9.4	14.2

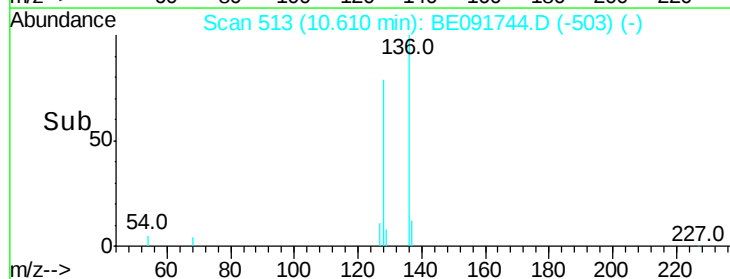
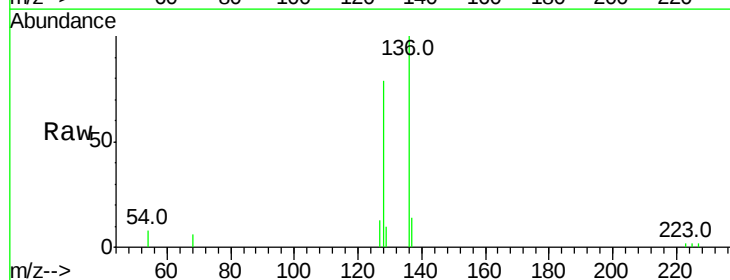
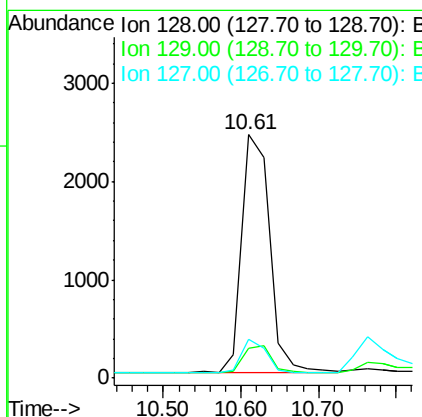
Manual Integrations
 APPROVED

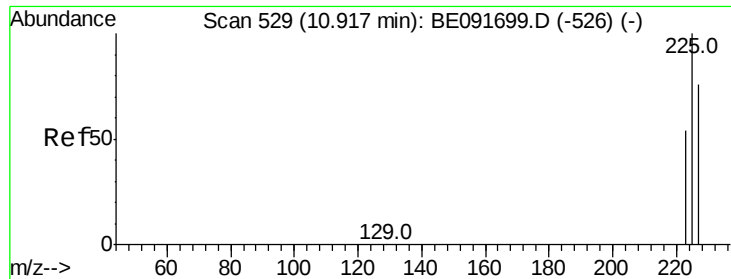
sohil
 5/4/2016 6:49:19 PM



#10
 Naphthalene
 Concen: 0.17 ng
 RT: 10.61 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Tgt Ion:	128	Resp:	6015
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.3	13.9
127	16.1	10.7	16.1





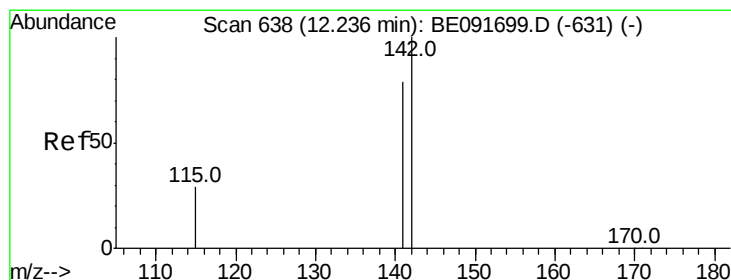
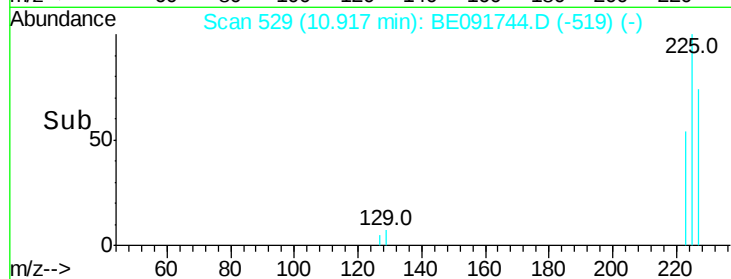
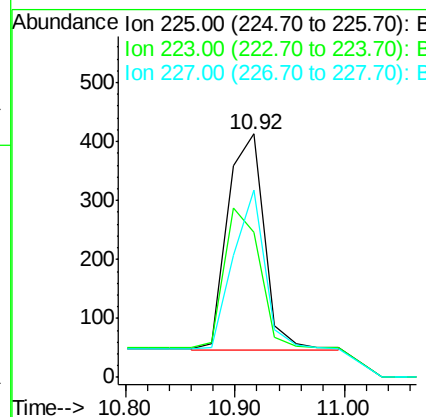
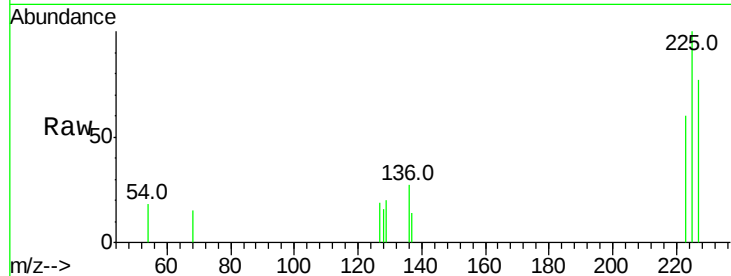
#11
Hexachlorobutadiene
Concen: 0.16 ng m
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
225	100		
223	117.9	49.0	73.6#
227	117.1	50.3	75.5#

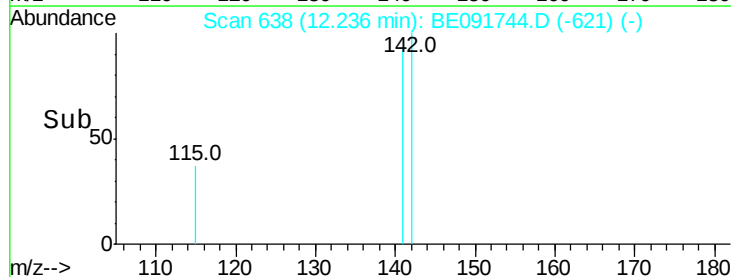
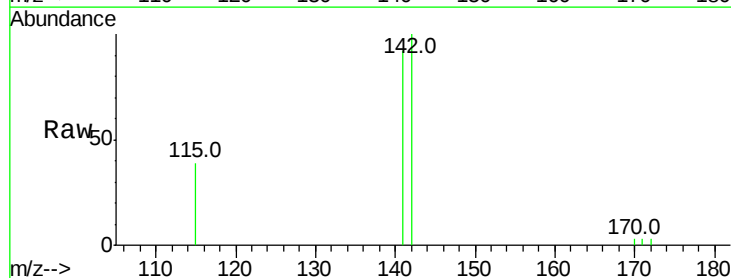
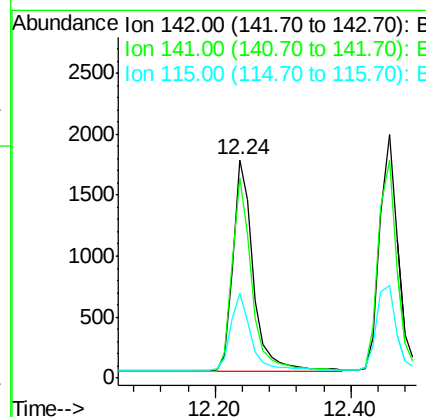
Manual Integrations
APPROVED

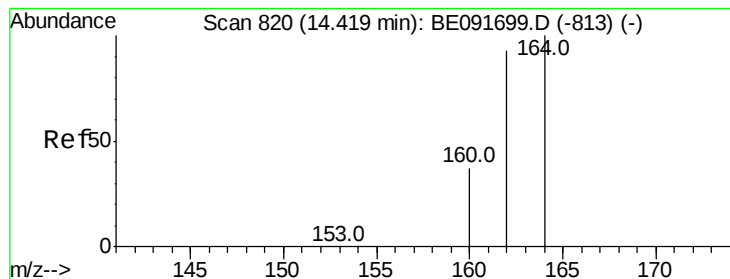
sohil
5/4/2016 6:49:19 PM



#12
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.4	107.0
115	38.8	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091744.D

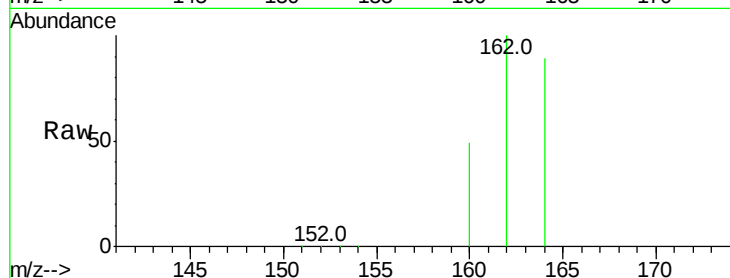
Acq: 3 May 2016 15:31

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:164 Resp: 100070

Ion Ratio Lower Upper

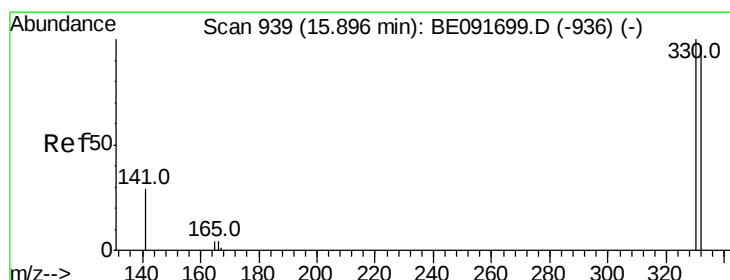
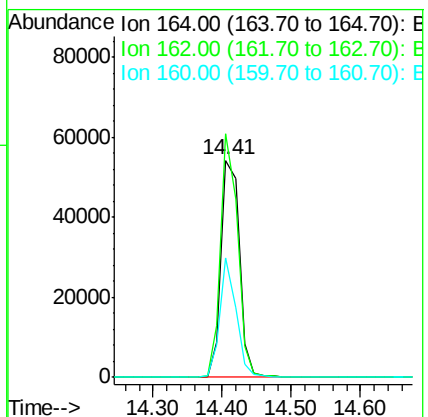
164 100

162 112.2 85.3 127.9

160 55.0 46.2 69.2

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#14

2,4,6-Tribromophenol

Concen: 5.81 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

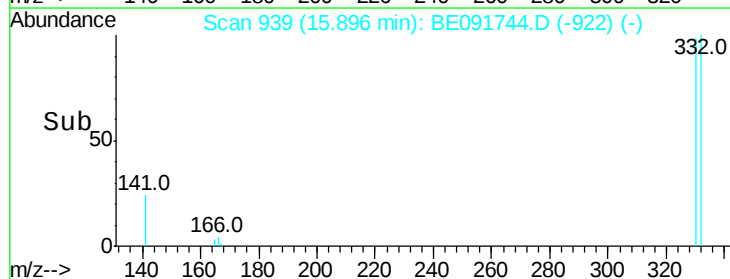
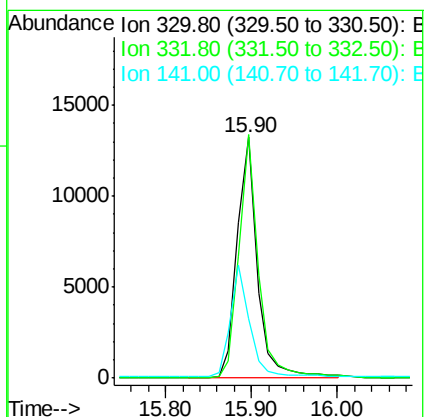
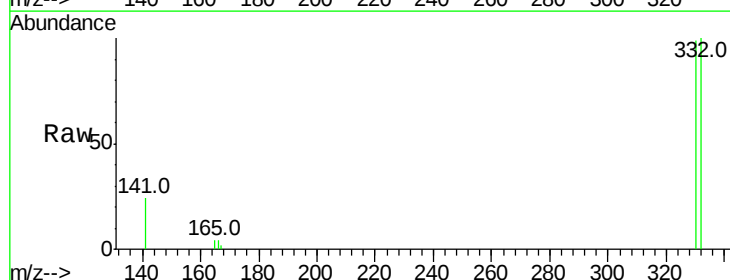
Tgt Ion:330 Resp: 21492

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 44.9 125.4 188.0#





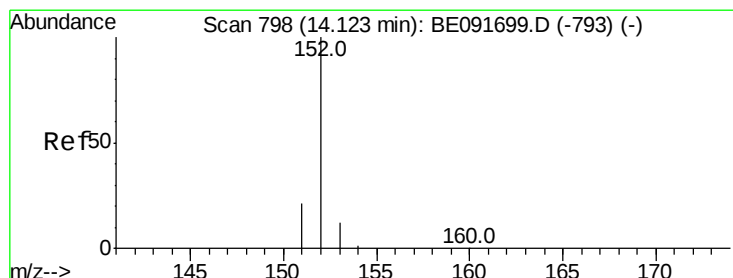
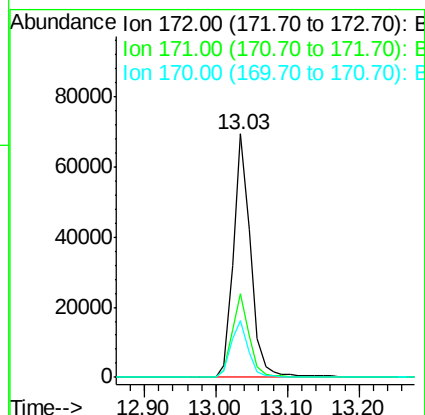
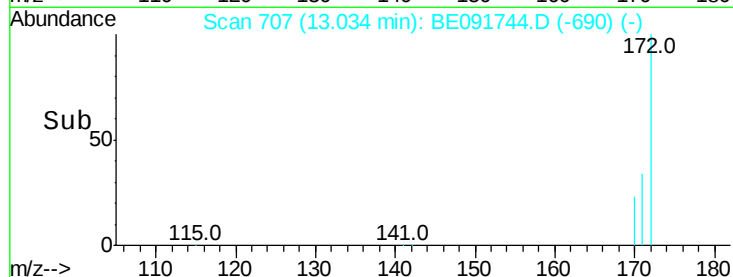
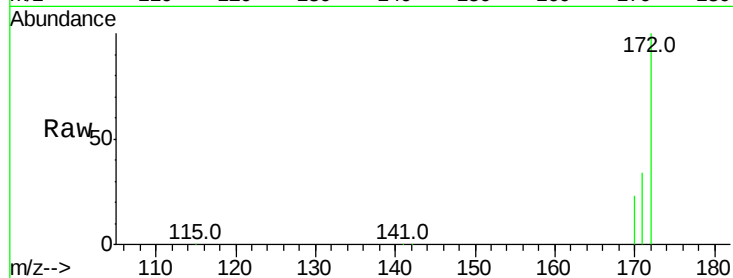
#15
2-Fluorobiphenyl
Concen: 4.07 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	28.8	43.2	
170	23.1	19.3	28.9	

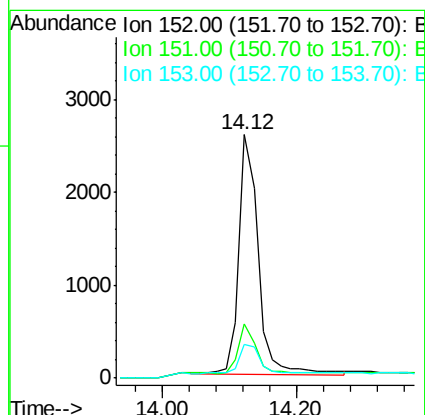
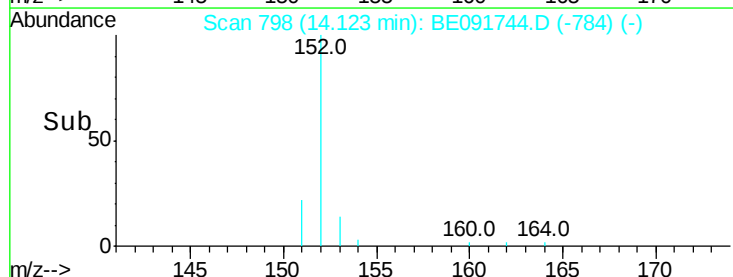
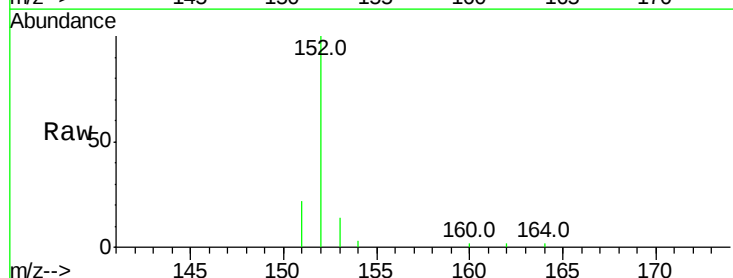
Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#16
Acenaphthylene
Concen: 0.13 ng m
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	22.1	3.9	5.9#	
153	15.9	10.3	15.5#	





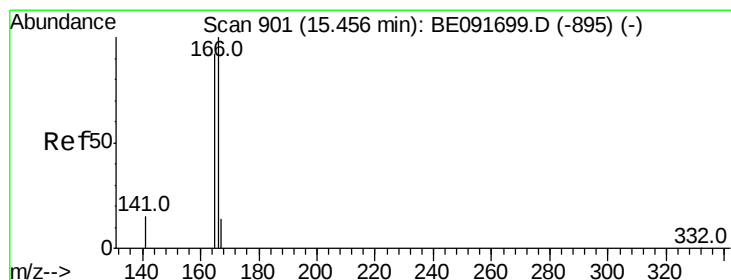
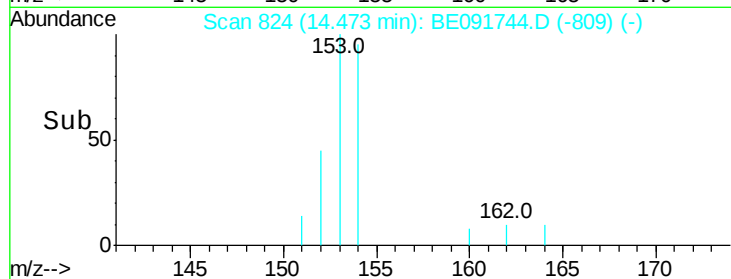
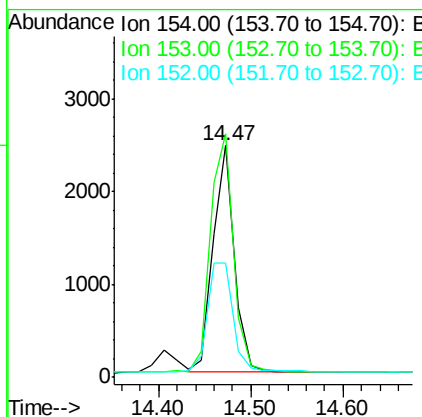
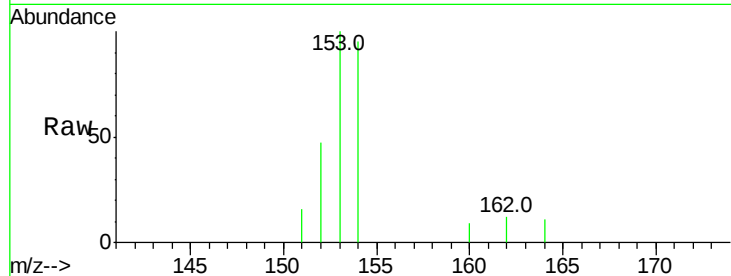
#17
Acenaphthene
Concen: 0.16 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	80.0	120.0
152	57.8	40.0	60.0

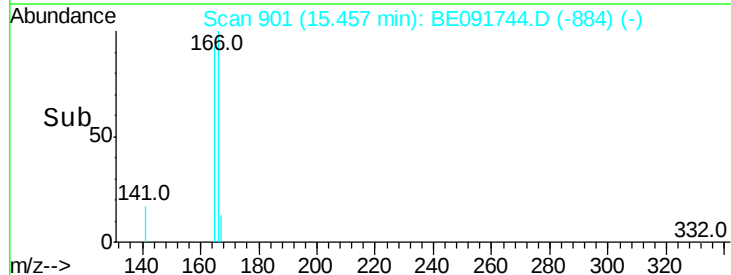
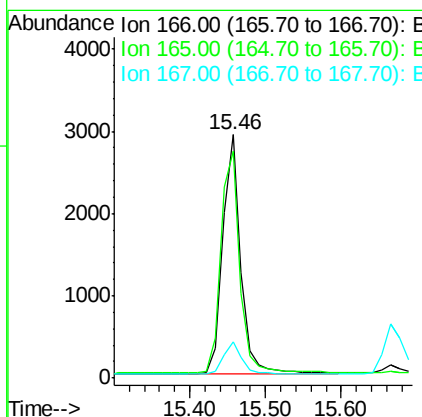
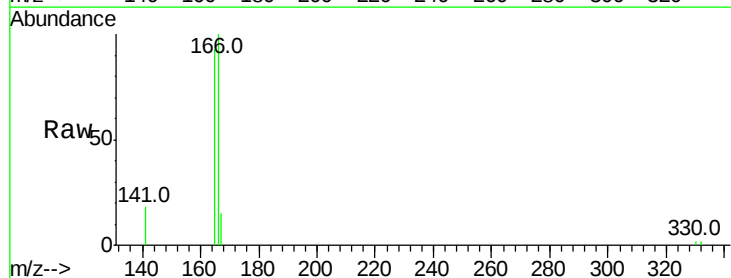
Manual Integrations
APPROVED

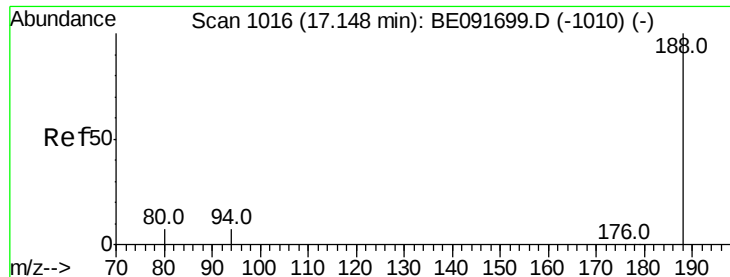
sohil
5/4/2016 6:49:19 PM



#18
Fluorene
Concen: 0.16 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.8	121.2
167	13.2	10.9	16.3





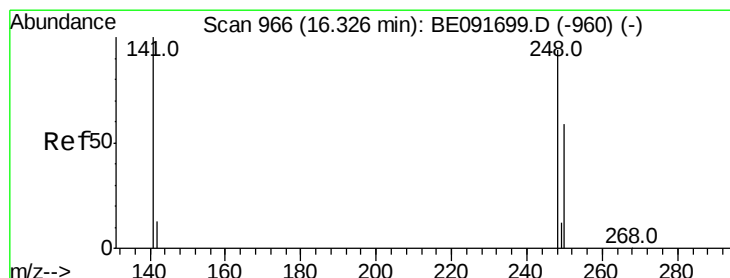
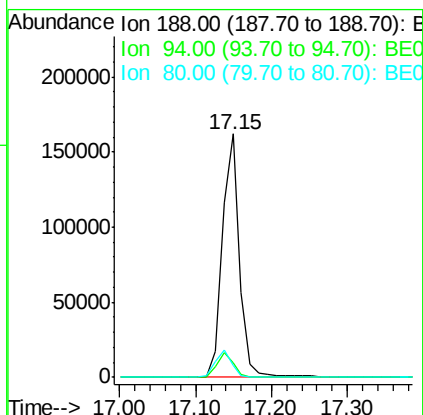
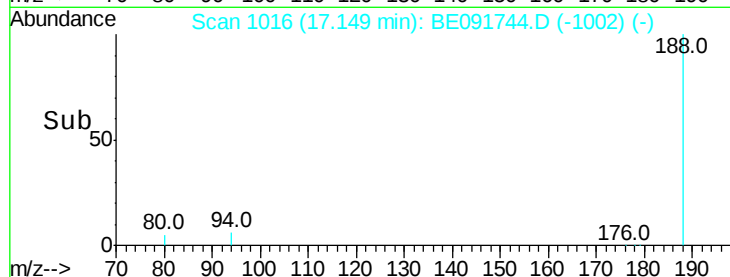
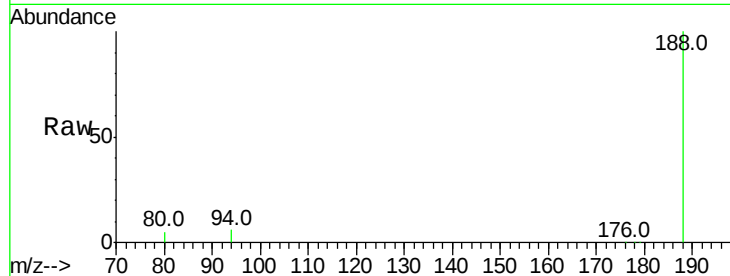
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.7	8.7	13.1#
80	5.1	9.4	14.0#

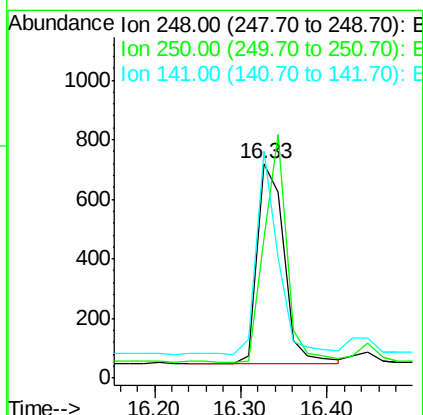
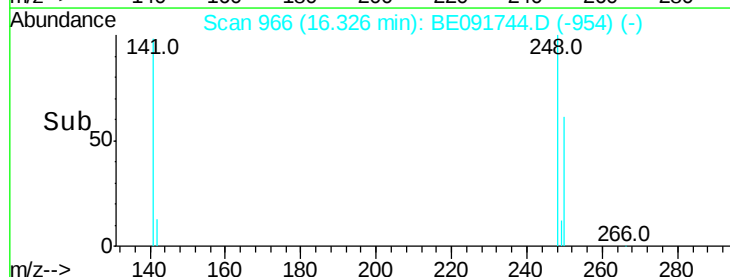
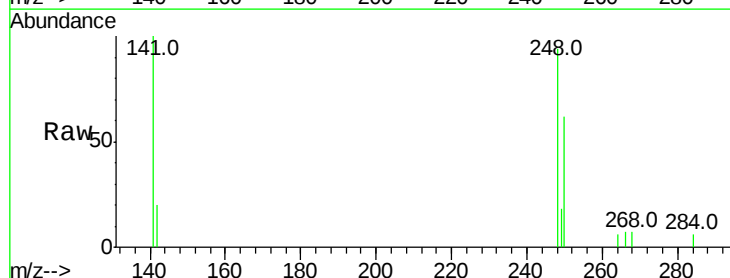
Manual Integrations
APPROVED

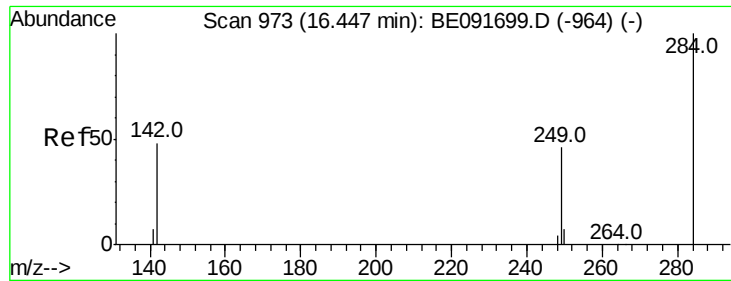
sohil
5/4/2016 6:49:19 PM



#20
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.6	80.5	120.7
141	82.3	72.0	108.0





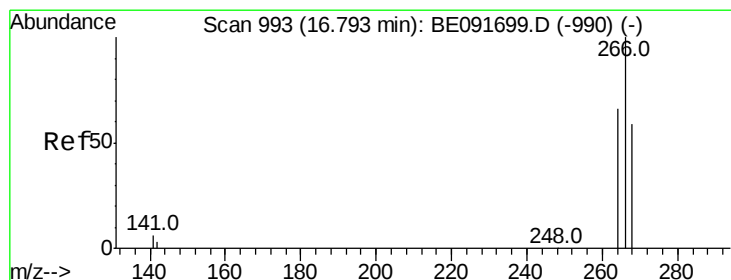
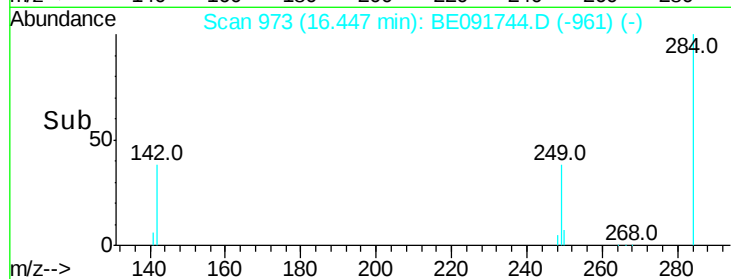
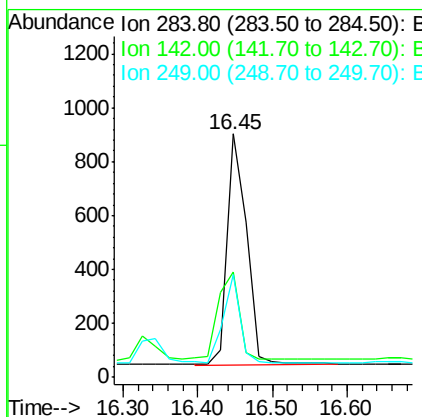
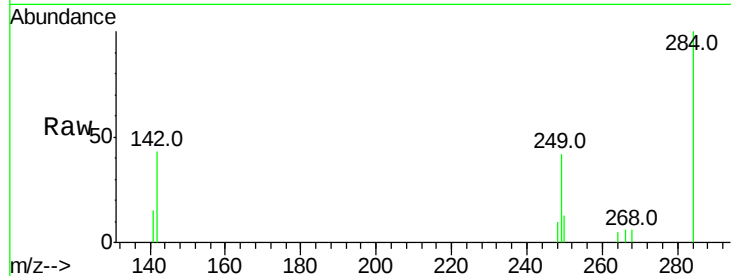
#21
Hexachlorobenzene
Concen: 0.17 ng m
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
284	100	1565		
142	41.0		32.2	48.2
249	32.7		25.4	38.2

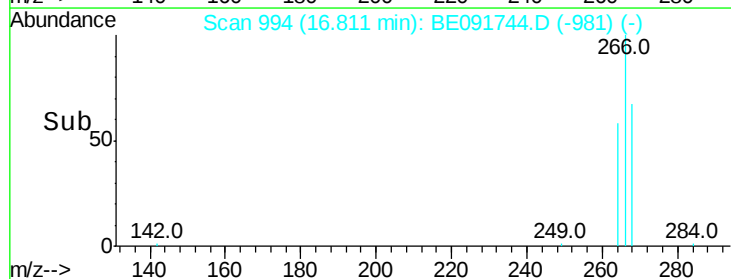
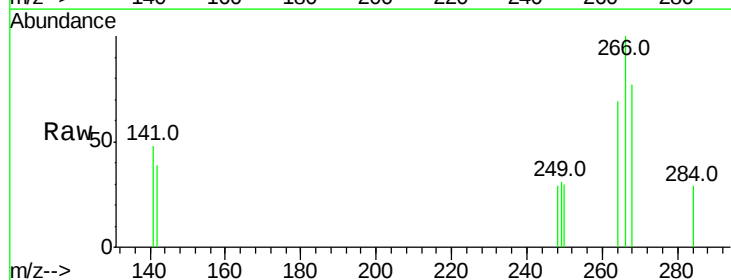
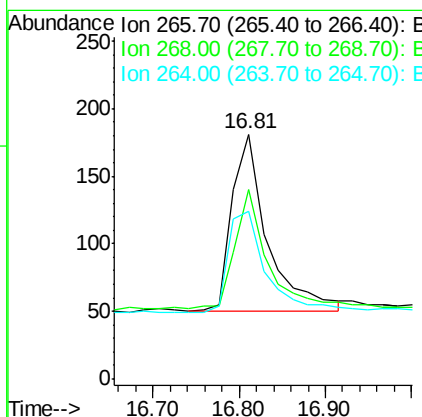
Manual Integrations
APPROVED

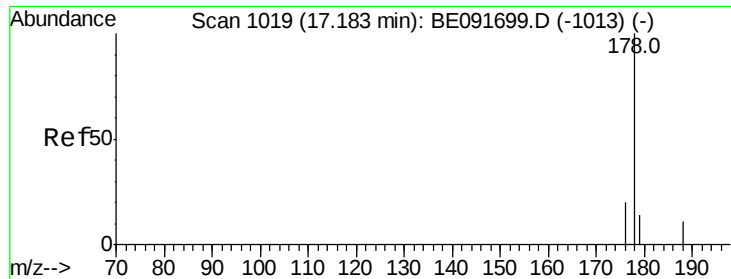
sohil
5/4/2016 6:49:19 PM



#22
Pentachlorophenol
Concen: 0.17 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	376		
268	77.3		58.2	87.2
264	68.5		56.2	84.4





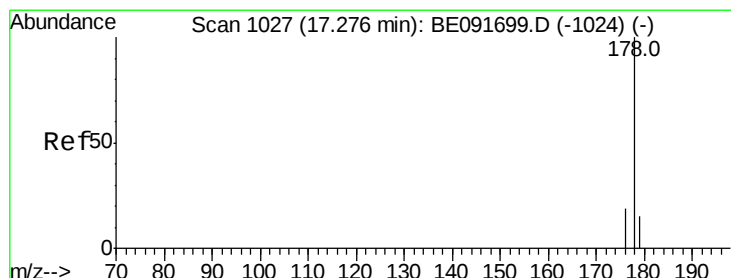
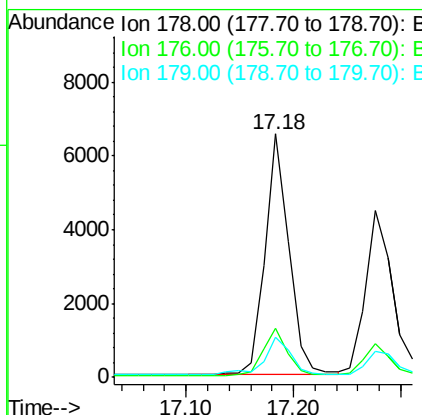
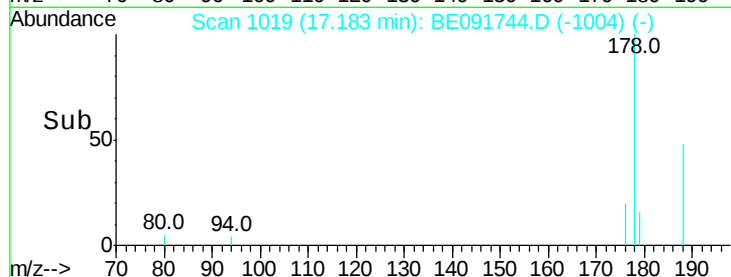
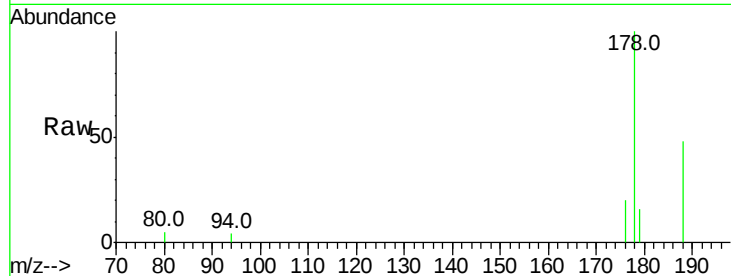
#23
Phenanthrene
Concen: 0.17 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	17.4	12.6	18.8

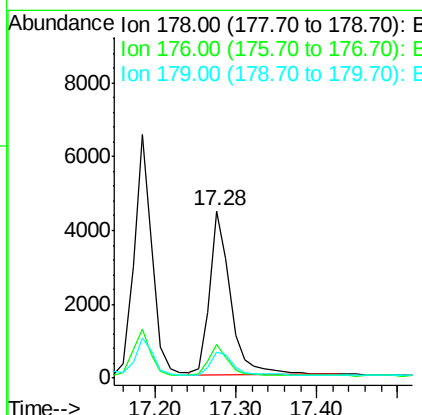
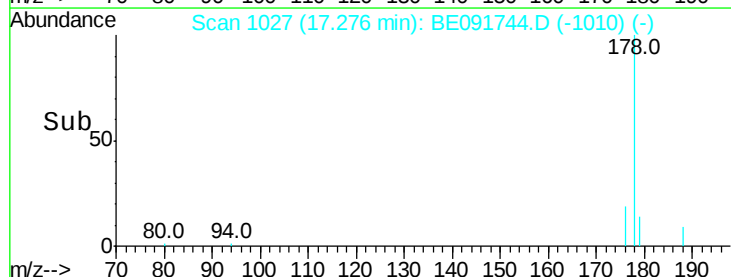
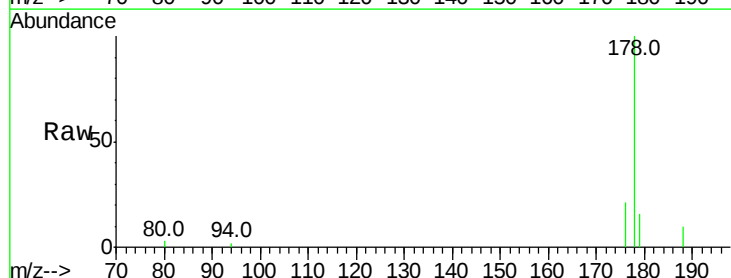
Manual Integrations
APPROVED

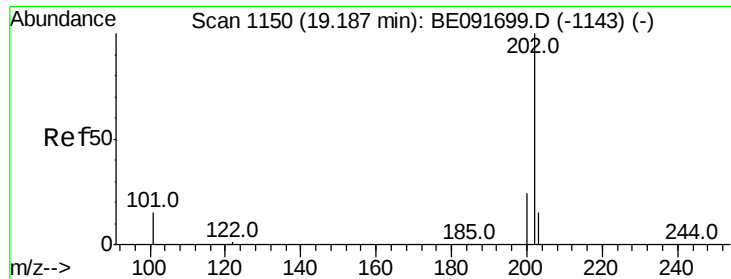
sohil
5/4/2016 6:49:19 PM



#24
Anthracene
Concen: 0.15 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.5	11.8	17.6





#25

Fluoranthene

Concen: 0.16 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Instrument :

BNA_E

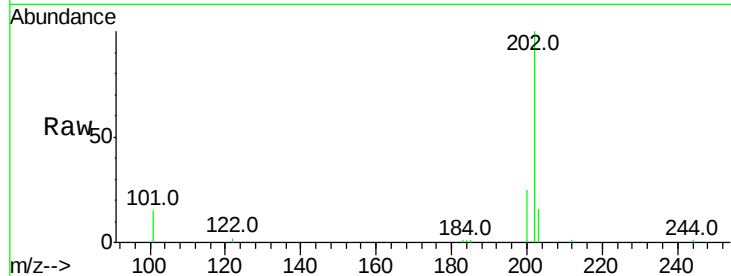
ClientSampleId :

LOQ-SOIL2016-02

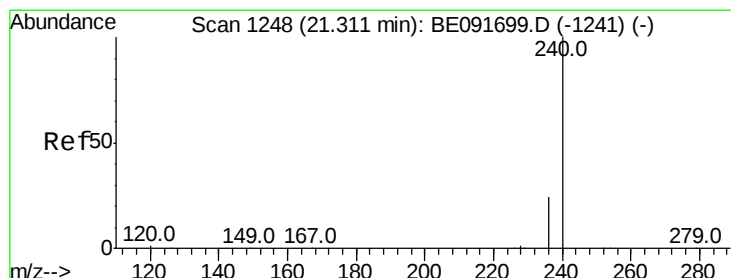
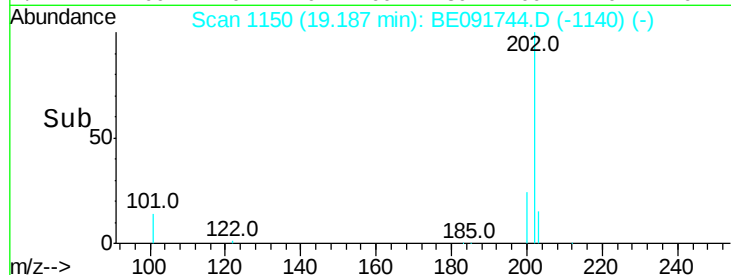
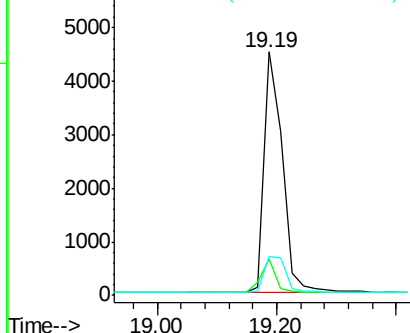
Tot Ion:	202	Resp:	9550
Ion Ratio	Lower	Upper	
202	100		
101	11.5	11.0	16.6
203	17.9	13.9	20.9

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

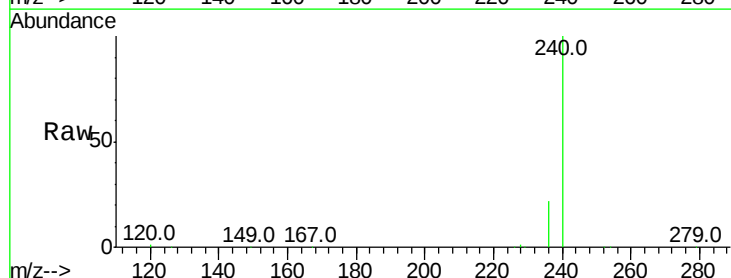
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

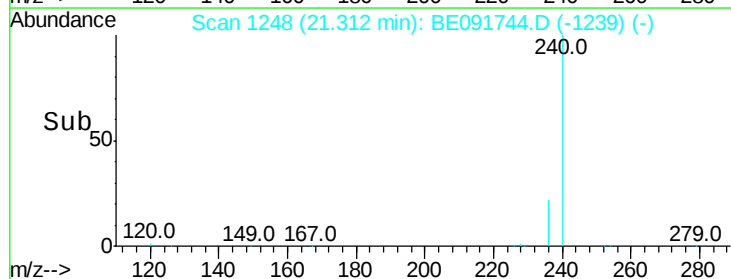
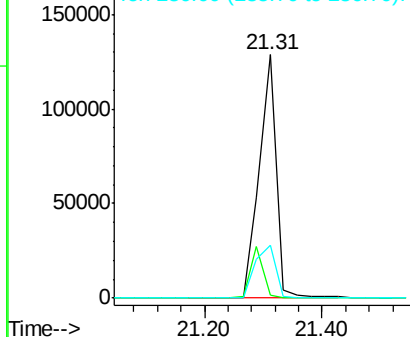
Lab File: BE091744.D

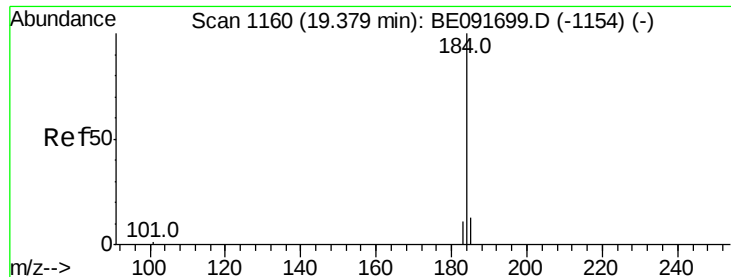
Acq: 3 May 2016 15:31

Tgt Ion:	240	Resp:	263380
Ion Ratio	Lower	Upper	
240	100		
120	1.0	11.0	16.4#
236	21.6	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: 0.24 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.02 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Instrument :

BNA_E

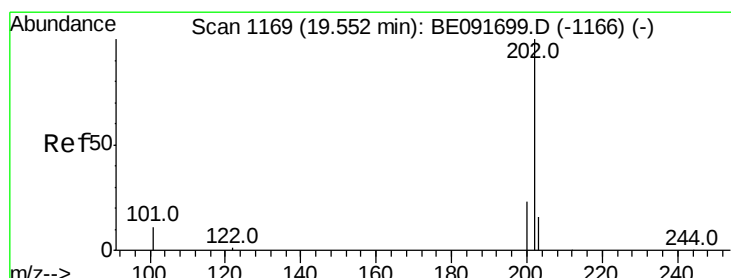
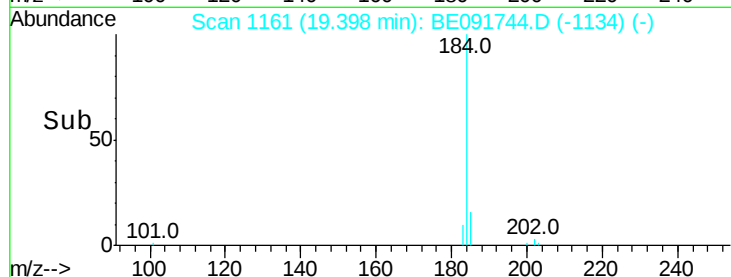
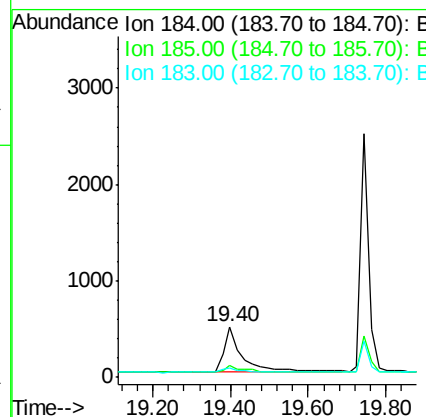
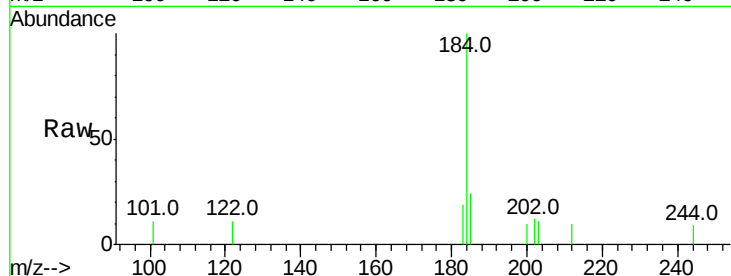
ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:	184	Resp:	1651
Ion Ratio	Lower	Upper	
184	100		
185	24.0	22.3	33.5
183	18.9	16.4	24.6

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#28

Pyrene

Concen: 0.18 ng

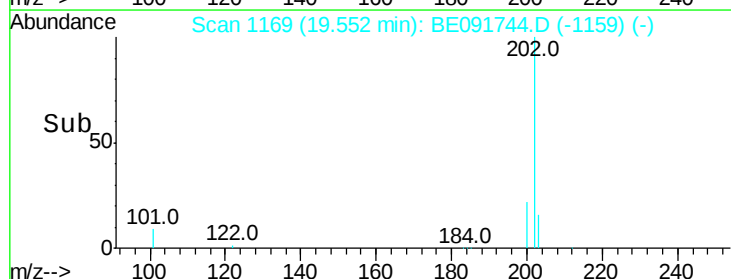
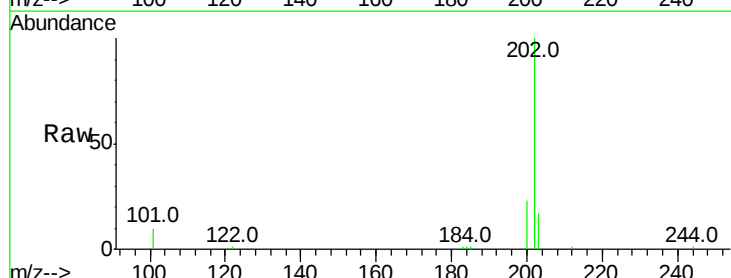
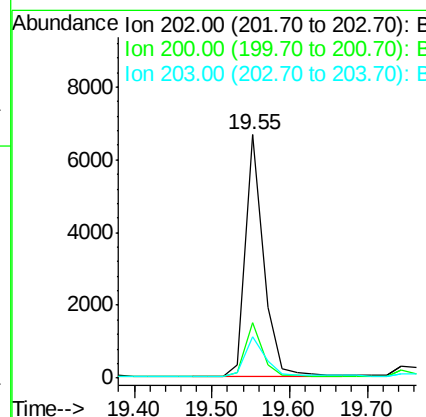
RT: 19.55 min Scan# 1169

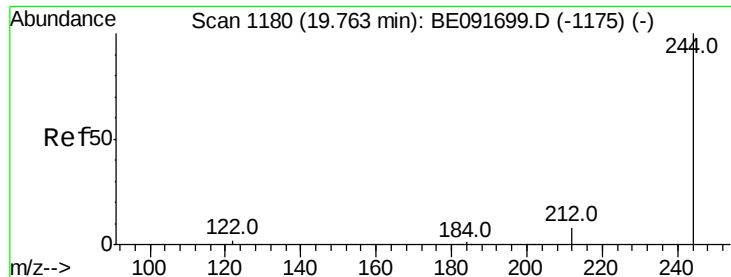
Delta R.T. 0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Tgt Ion:	202	Resp:	10649
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	17.8	14.0	21.0





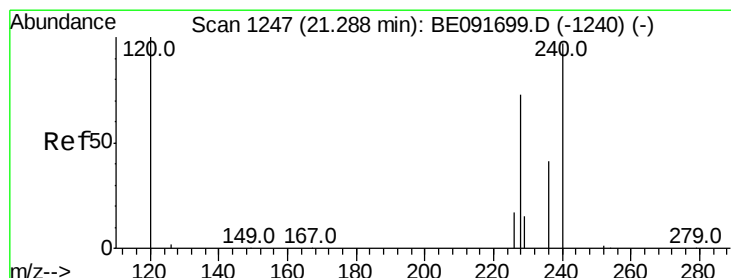
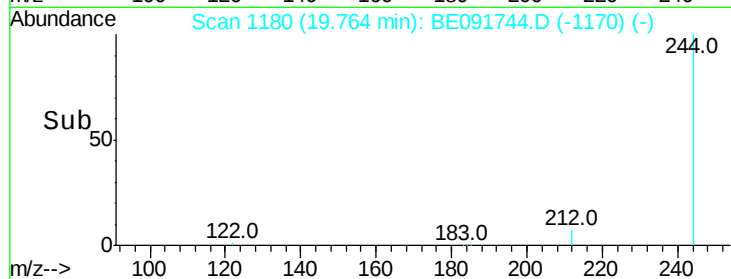
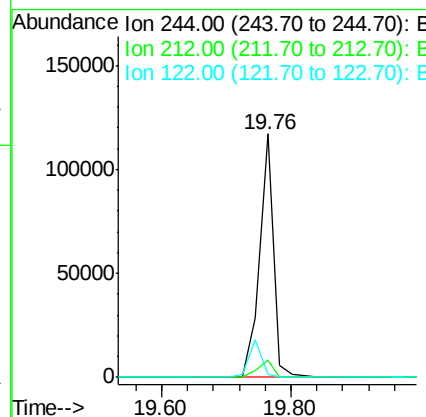
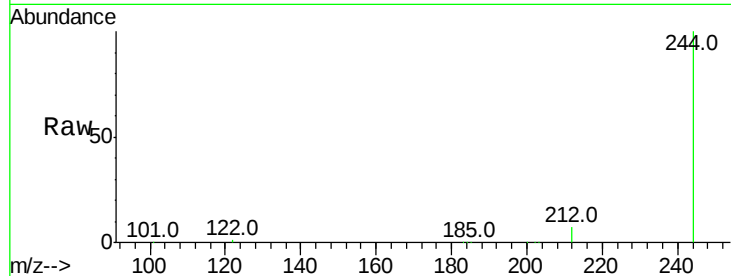
#29
 Terphenyl-d14
 Concen: 4.32 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.9	10.3
122	1.2	11.0	16.4

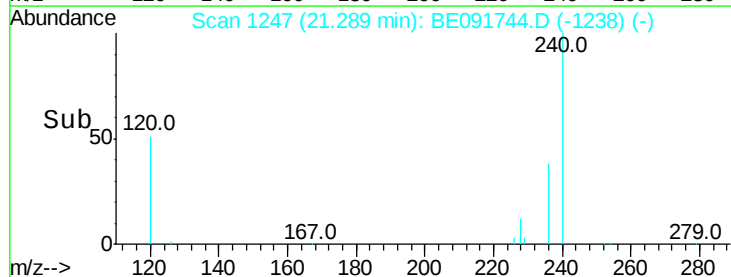
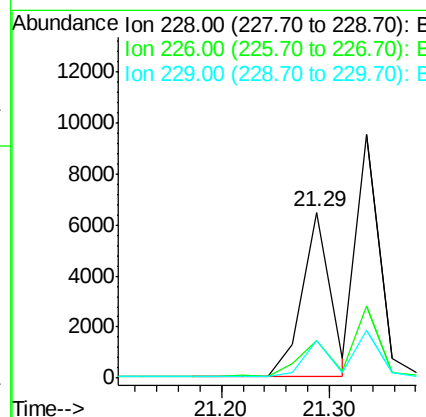
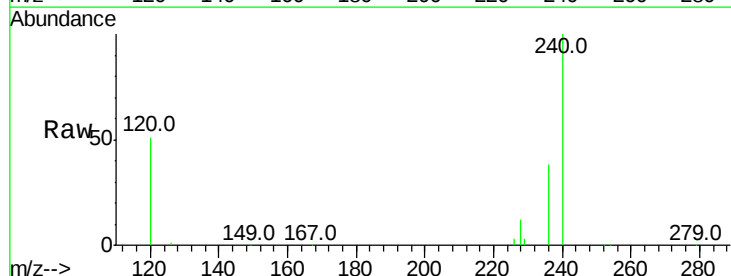
Manual Integrations
 APPROVED

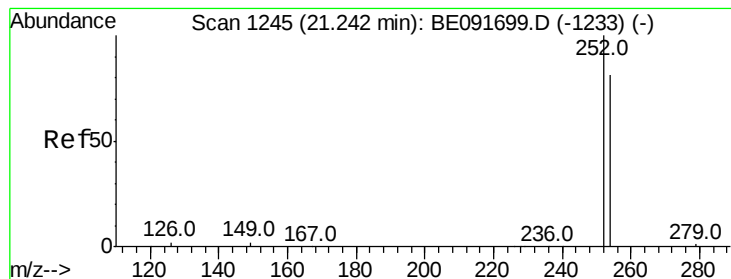
sohil
 5/4/2016 6:49:19 PM



#30
 Benzo(a)anthracene
 Concen: 0.18 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.8	21.0	31.4
229	22.3	15.7	23.5





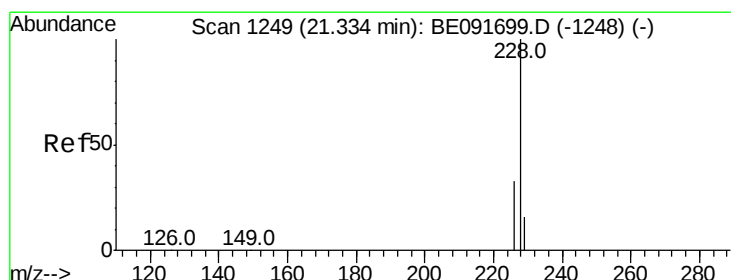
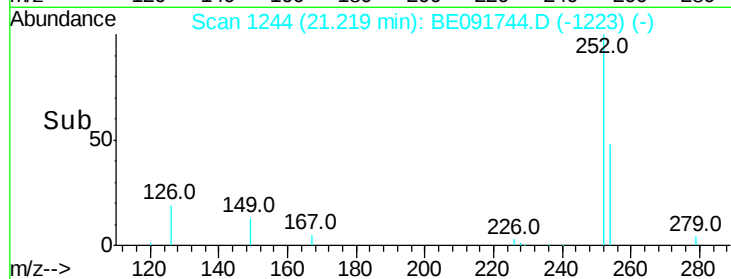
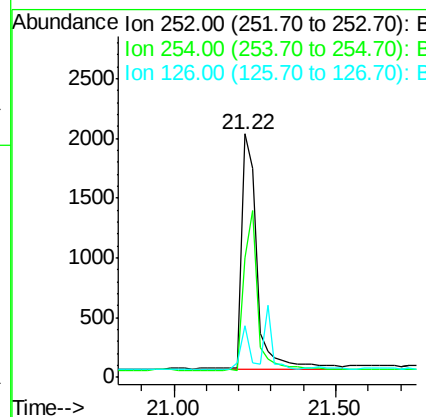
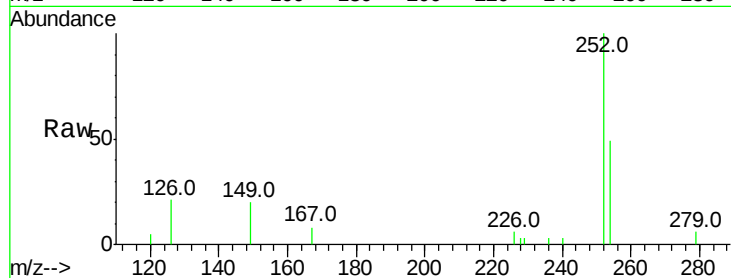
#31
 3,3'-Dichlorobenzidine
 Concen: 0.19 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	48.9	51.1	76.7#
126	21.0	12.6	18.8#

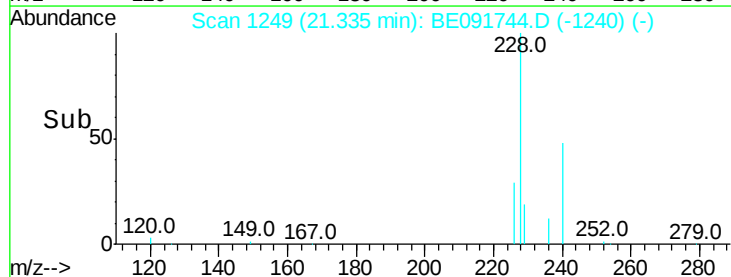
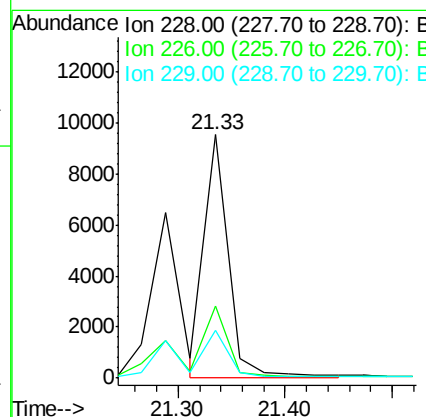
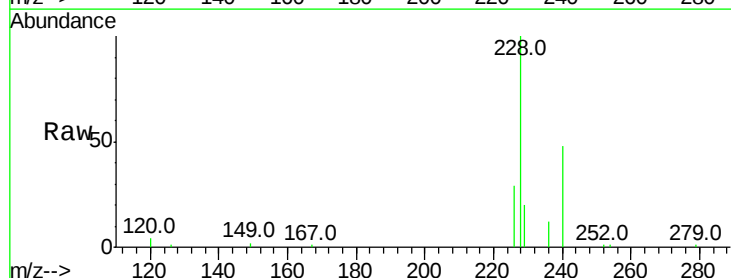
Manual Integrations
 APPROVED

sohil
 5/4/2016 6:49:19 PM



#32
 Chrysene
 Concen: 0.22 ng m
 RT: 21.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.6	15.9	23.9





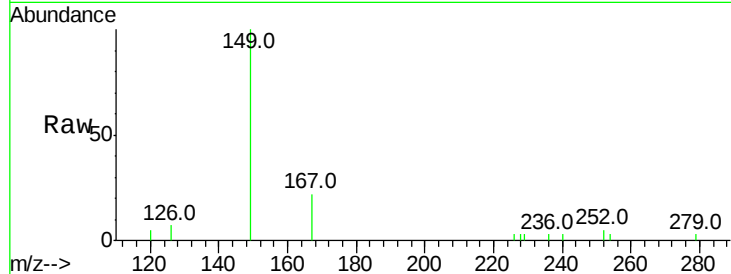
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

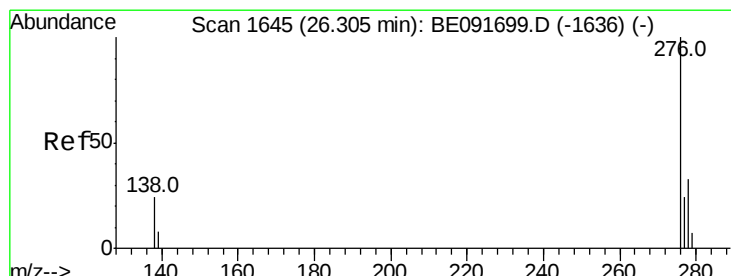
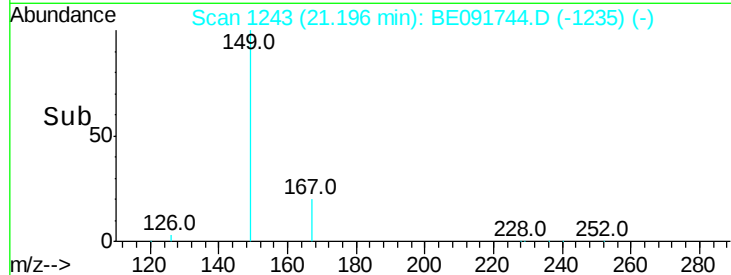
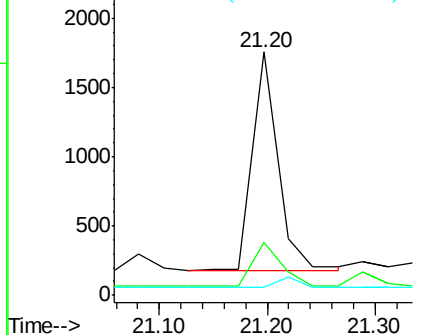
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.5	19.5	29.3
279	0.0	10.0	15.0

Manual Integrations
 APPROVED

sohil
 5/4/2016 6:49:19 PM



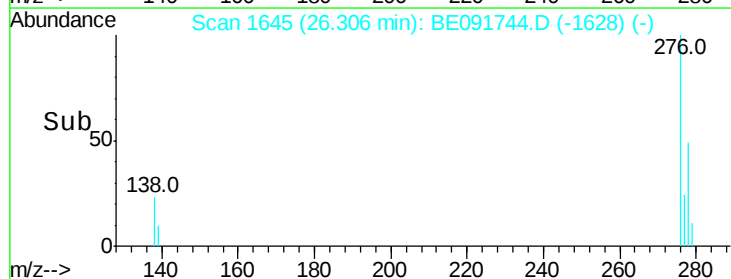
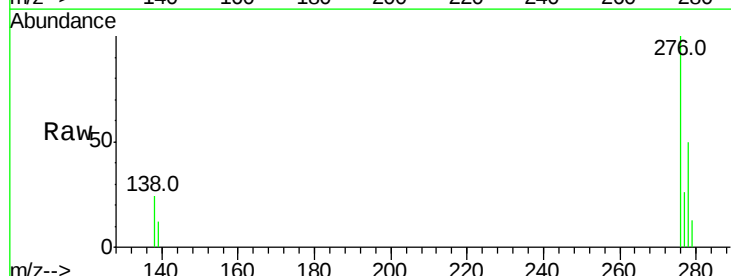
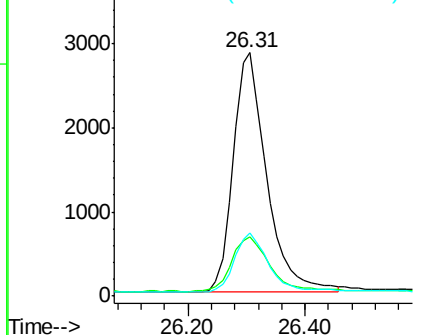
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

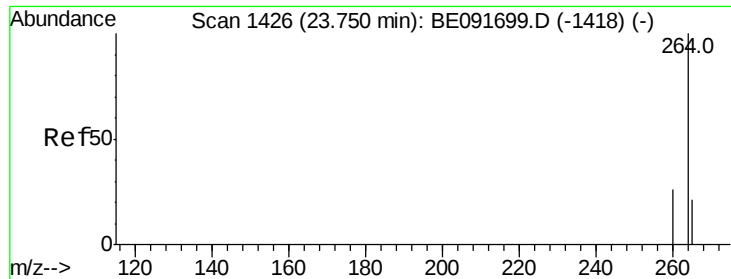


#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.19 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091744.D
 Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.4	35.2
277	24.6	19.8	29.8

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





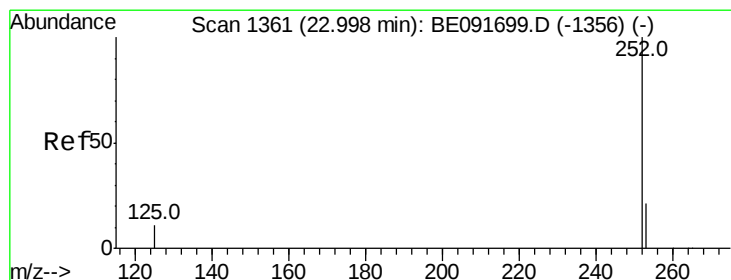
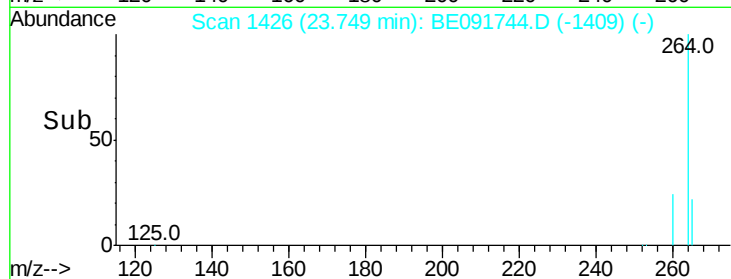
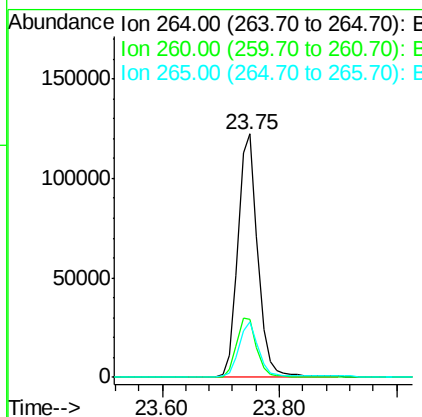
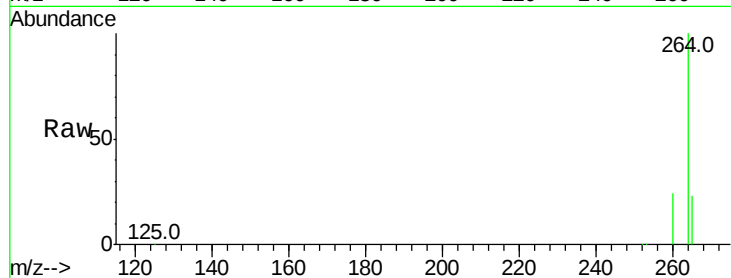
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	20.0	30.0	
265	22.7	17.5	26.3	

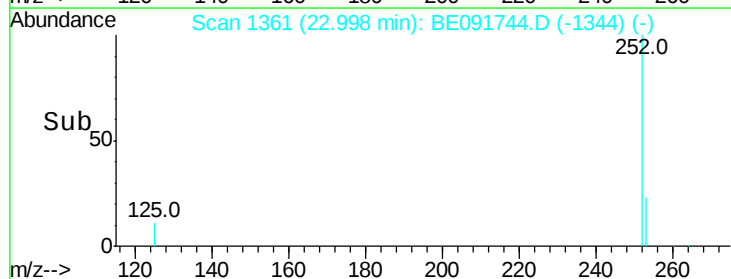
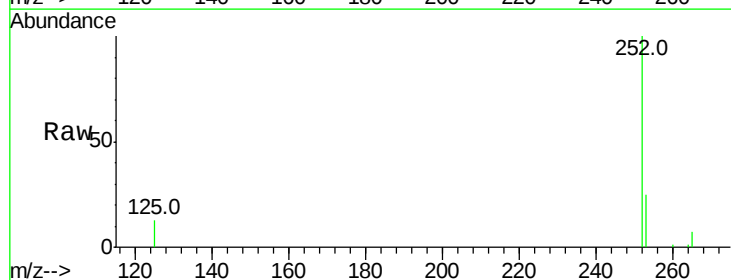
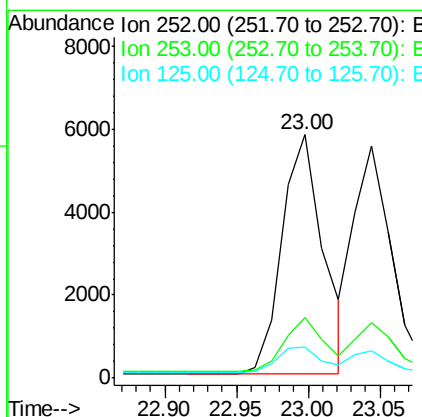
Manual Integrations
APPROVED

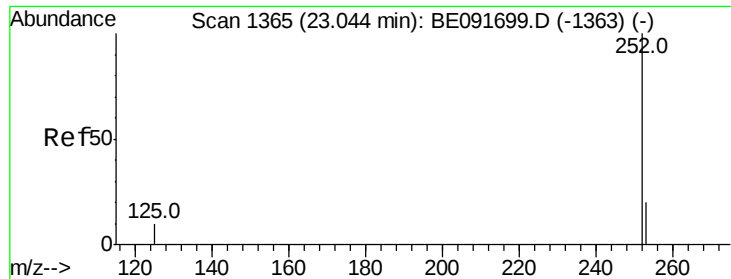
sohil
5/4/2016 6:49:19 PM



#36
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.8	17.4	26.0	
125	12.6	10.2	15.2	





#37

Benzo(k)fluoranthene

Concen: 0.15 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Instrument :

BNA_E

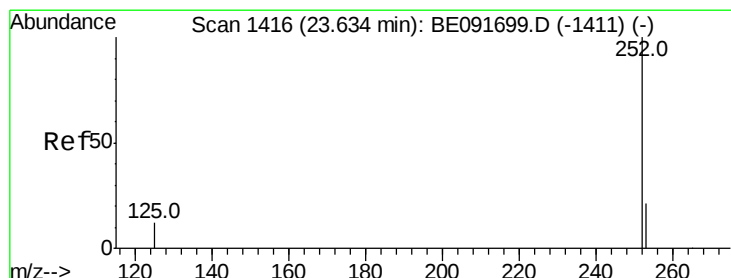
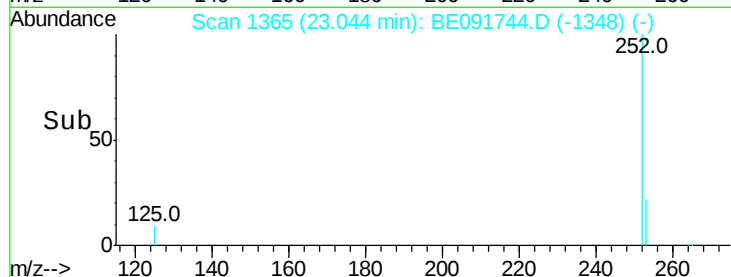
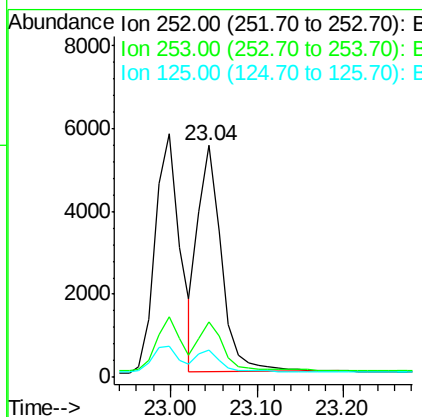
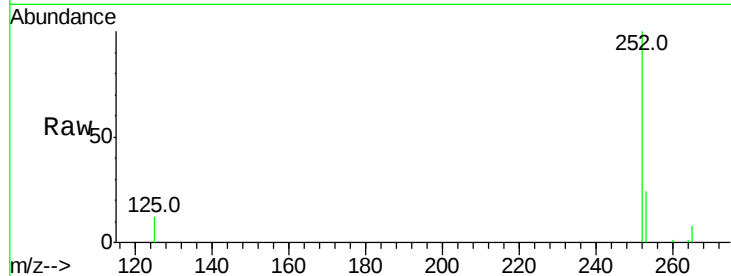
ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:	252	Resp:	10395
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.6	26.4
125	11.6	9.9	14.9

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#38

Benzo(a)pyrene

Concen: 0.16 ng

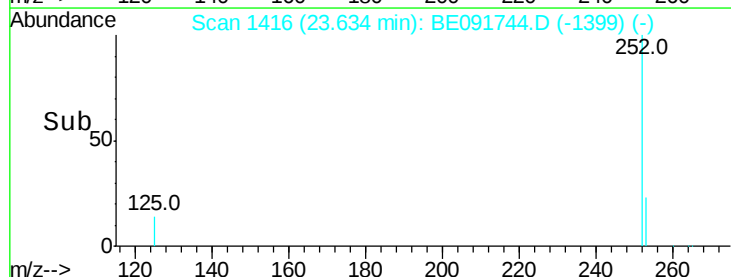
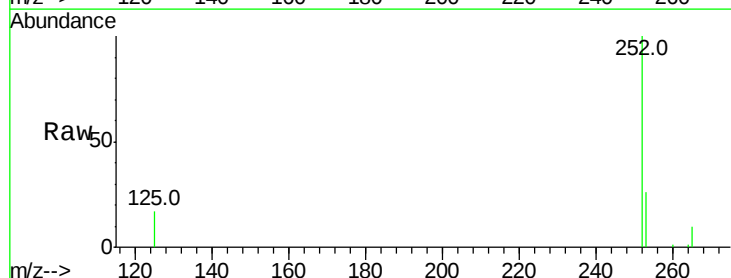
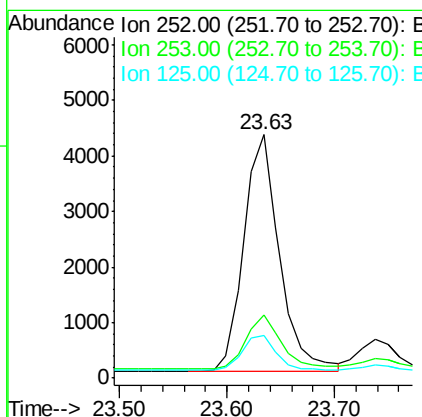
RT: 23.63 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE091744.D

Acq: 3 May 2016 15:31

Tgt Ion:	252	Resp:	9885
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.1	27.1
125	17.4	11.0	16.4#





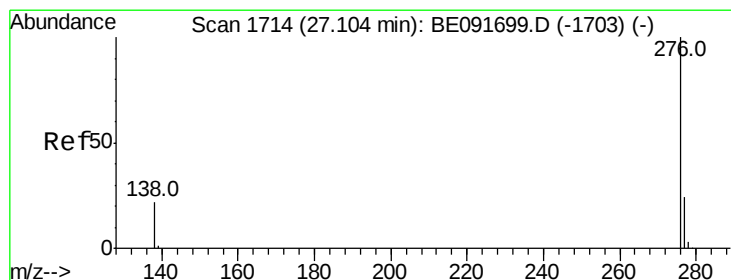
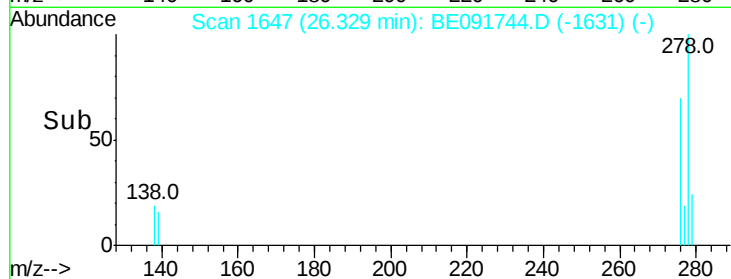
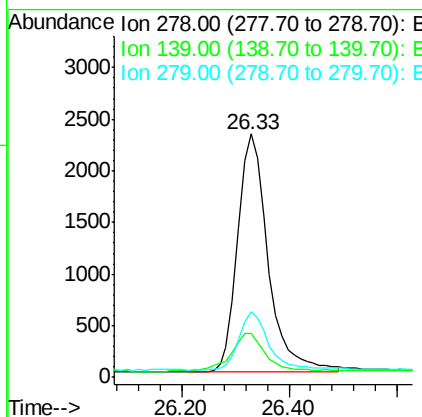
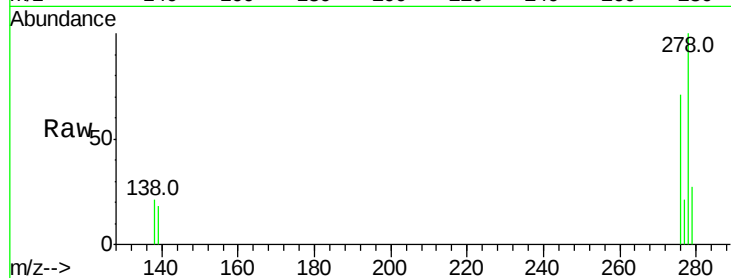
#39
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.0	24.0
279	26.9	19.4	29.2

Manual Integrations
APPROVED

sohil
5/4/2016 6:49:19 PM



#40
Benzo(g,h,i)perylene
Concen: 0.15 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BE091744.D
Acq: 3 May 2016 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.6	28.0
138	22.5	20.4	30.6

