

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091728.D
 Acq On : 27 Apr 2016 16:18
 Operator : UM/SJ
 Sample : H1824-04
 Misc : L00 2PPM
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

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Quant Time: Apr 28 03:46:58 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	37346	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	164168	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	96189	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	246996	5.00	ng	0.00
26) Chrysene-d12	21.31	240	288239	5.00	ng	0.00
35) Perylene-d12	23.75	264	299875	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	72572	7.91	ng	0.00
5) Phenol-d6	6.95	99	97788	8.04	ng	0.00
8) Nitrobenzene-d5	8.95	82	42830	4.04	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	30442	8.49	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	113888	4.19	ng	0.00
29) Terphenyl-d14	19.76	244	194008	4.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	958	0.12	ng	91
3) n-Nitrosodimethylamine	3.65	42	1048	0.15	ng	97
6) bis(2-Chloroethyl)ether	7.21	93	1835	0.17	ng	# 77
9) Nitrobenzene	8.99	77	2224	0.20	ng	# 96
10) Naphthalene	10.61	128	6181	0.19	ng	# 95
11) Hexachlorobutadiene	10.92	225	900m	0.18	ng	
12) 2-Methylnaphthalene	12.24	142	4006	0.19	ng	98
16) Acenaphthylene	14.12	152	5695m	0.15	ng	
17) Acenaphthene	14.47	154	4276	0.18	ng	87
18) Fluorene	15.46	166	5520	0.19	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	1616	0.18	ng	97
21) Hexachlorobenzene	16.45	284	1702	0.19	ng	97
22) Pentachlorophenol	16.79	266	620	0.22	ng	92
23) Phenanthrene	17.18	178	11479	0.20	ng	99
24) Anthracene	17.28	178	9398	0.19	ng	98
25) Fluoranthene	19.19	202	11732	0.20	ng	97
27) Benzidine	19.40	184	2429	0.27	ng	91
28) Pyrene	19.55	202	13028	0.20	ng	99
30) Benzo(a)anthracene	21.29	228	14080	0.20	ng	93
31) 3,3'-Dichlorobenzidine	21.22	252	2336	0.07	ng	# 81
32) Chrysene	21.34	228	17059m	0.23	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	4758	0.22	ng	# 86
34) Indeno(1,2,3-cd)pyrene	26.30	276	13141	0.20	ng	96
36) Benzo(b)fluoranthene	22.99	252	13813	0.20	ng	99
37) Benzo(k)fluoranthene	23.05	252	11876	0.17	ng	95
38) Benzo(a)pyrene	23.64	252	11833	0.18	ng	95
39) Dibenzo(a,h)anthracene	26.33	278	10891	0.17	ng	96
40) Benzo(g,h,i)perylene	27.09	276	11223	0.18	ng	96

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

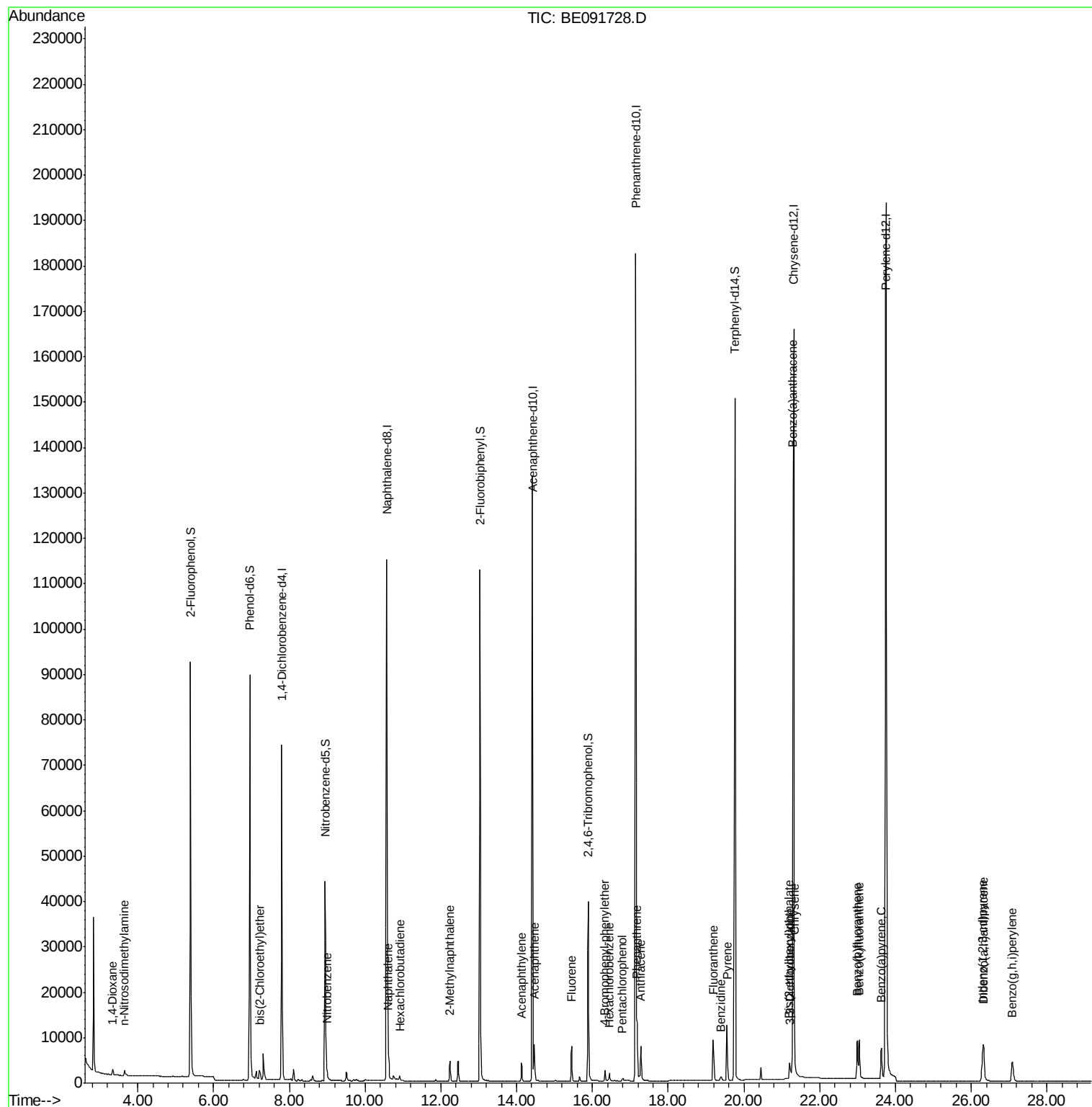
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091728.D
Acq On : 27 Apr 2016 16:18
Operator : UM/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091728.D

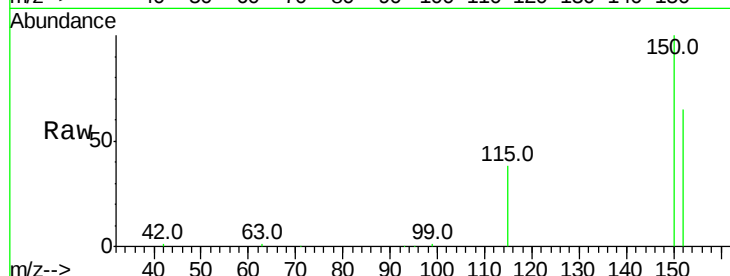
Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:152 Resp: 37346

Ion Ratio Lower Upper

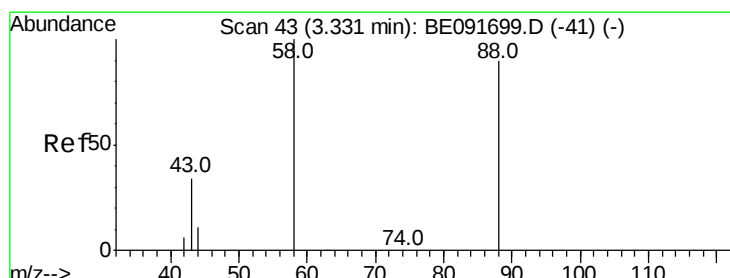
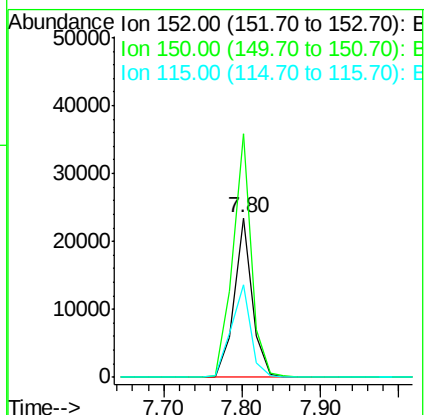
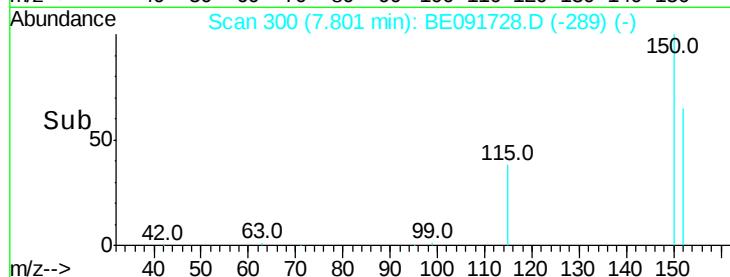
152 100

150 152.8 122.6 183.8

115 58.5 52.8 79.2

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#2

1,4-Dioxane

Concen: 0.12 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

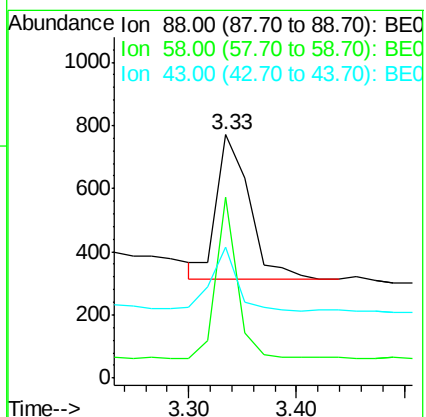
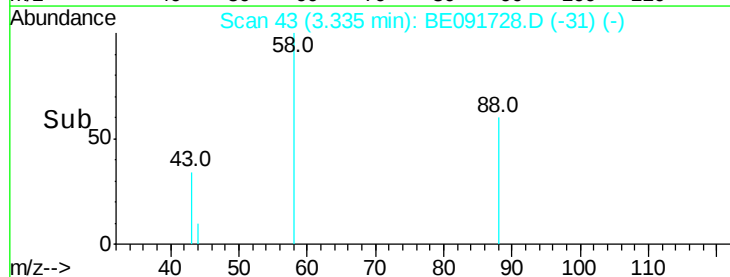
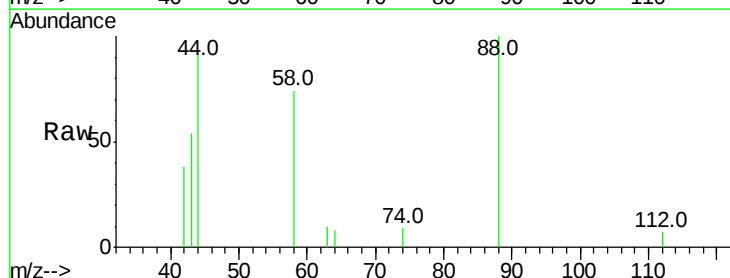
Tgt Ion: 88 Resp: 958

Ion Ratio Lower Upper

88 100

58 73.7 65.8 98.6

43 36.3 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 0.15 ng

RT: 3.65 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

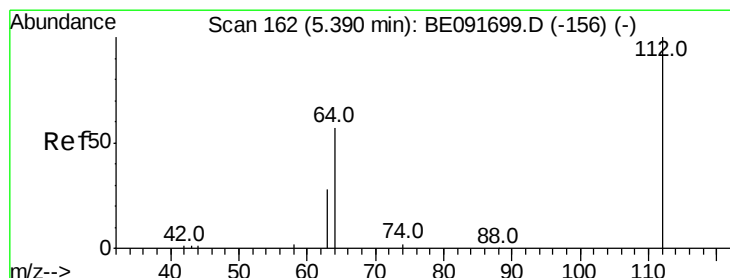
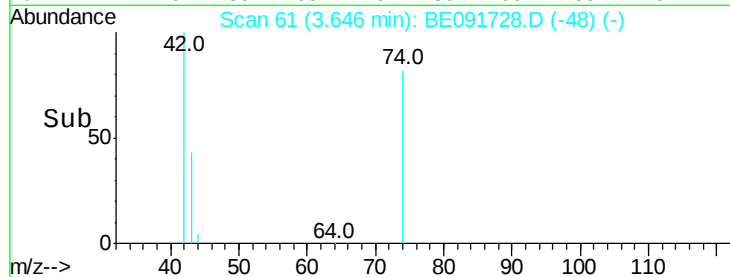
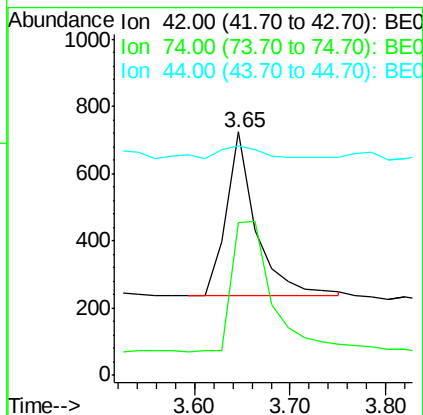
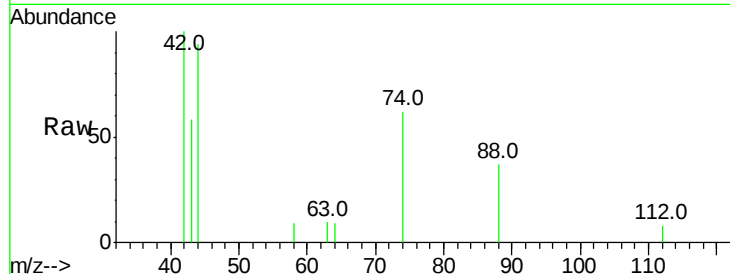
ClientSampleId :

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Tot Ion:	42	Resp:	1048
Ion	Ratio	Lower	Upper
42	100		
74	106.9	87.9	131.9
44	9.7	6.6	9.8

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#4

2-Fluorophenol

Concen: 7.91 ng

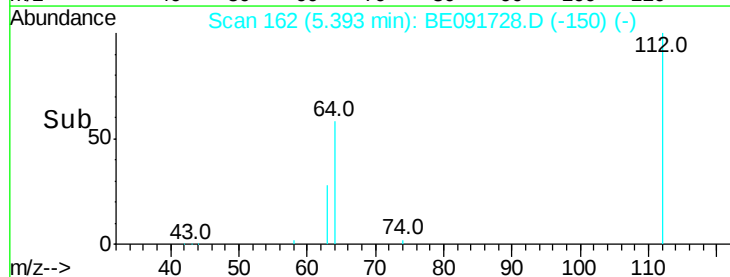
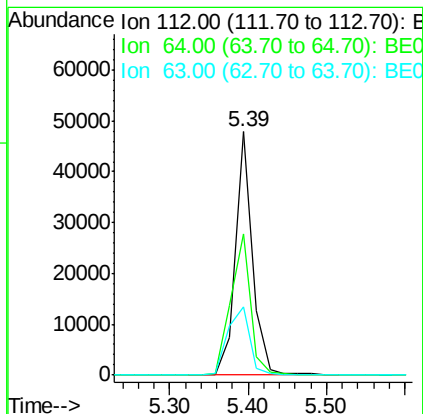
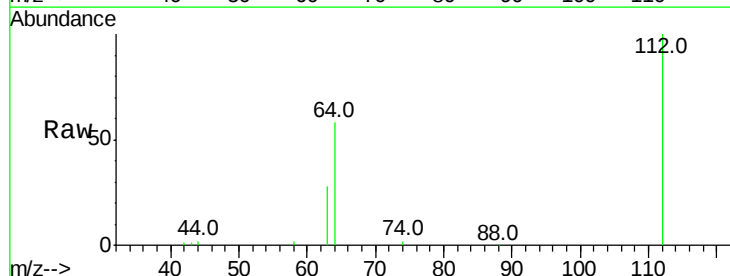
RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Tgt Ion:	112	Resp:	72572
Ion	Ratio	Lower	Upper
112	100		
64	66.1	30.9	46.3#
63	35.8	16.7	25.1#





#5

Phenol-d6

Concen: 8.04 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

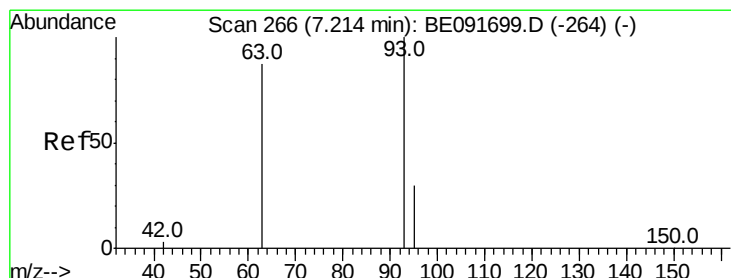
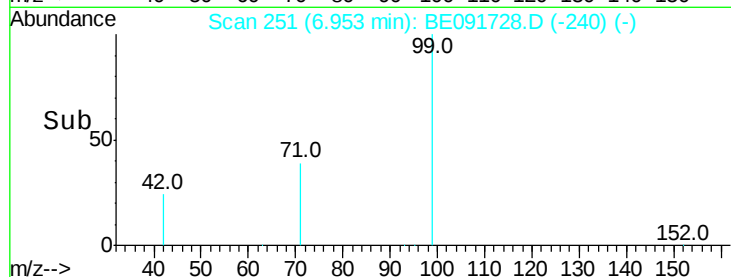
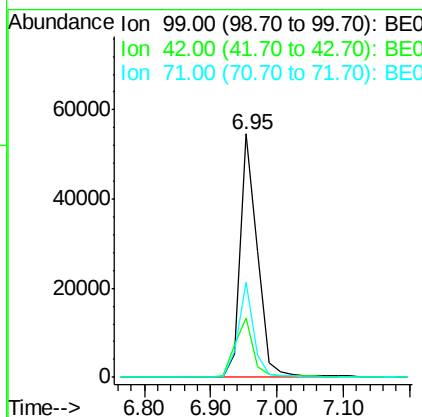
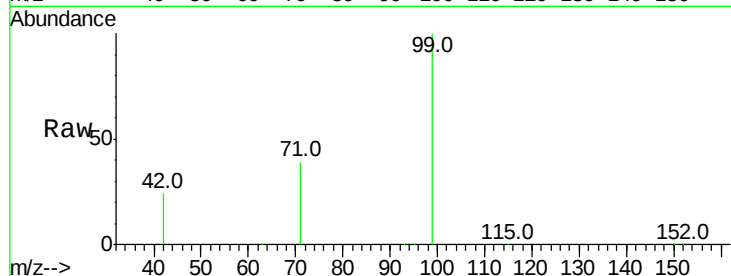
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	25.1	16.2	24.2#	
71	35.8	29.0	43.4	

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#6

bis(2-Chloroethyl)ether

Concen: 0.17 ng

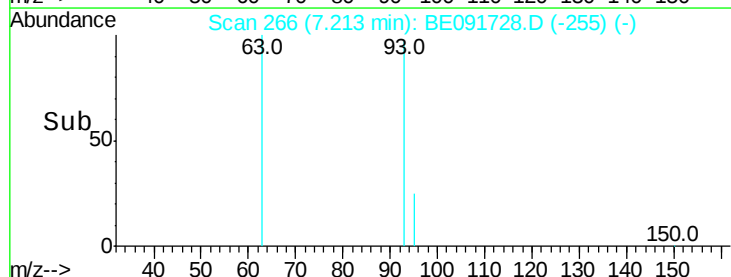
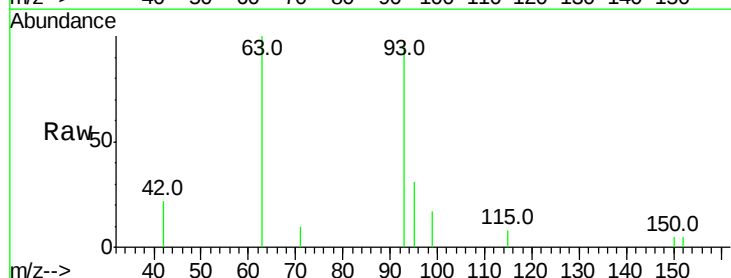
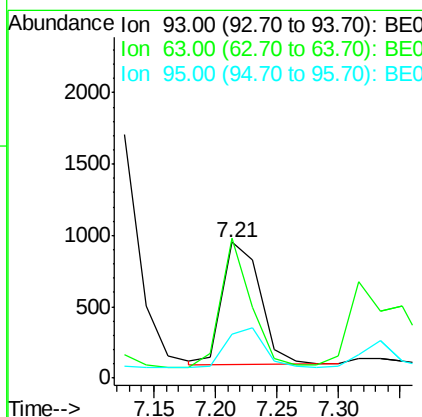
RT: 7.21 min Scan# 266

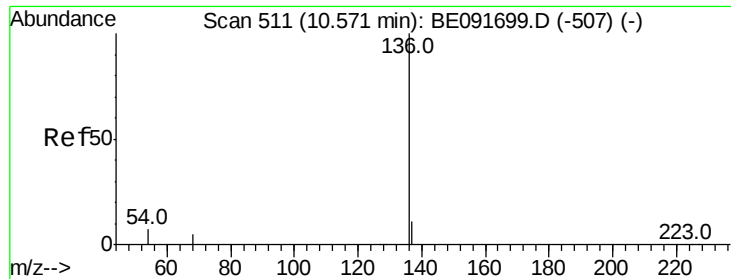
Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
63	85.6	49.5	74.3#	
95	31.4	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: BE091728.D

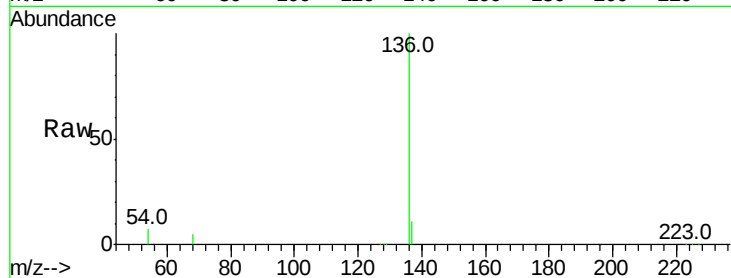
Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

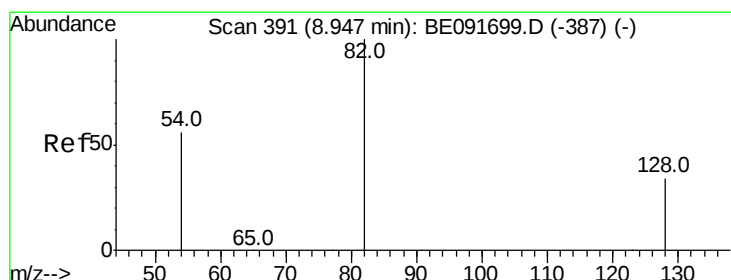
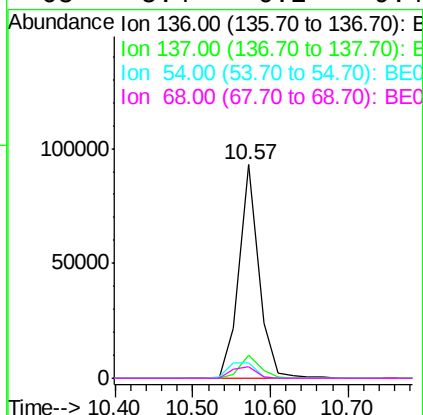
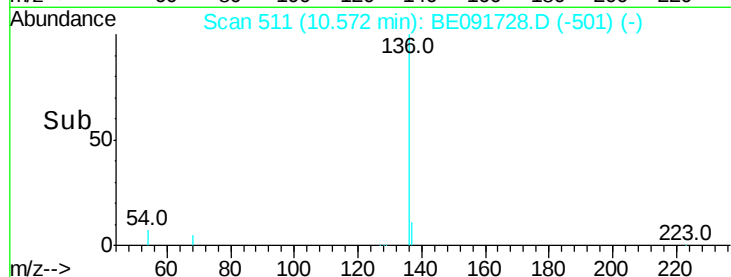
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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.3	8.2	12.4	
68	5.4	6.2	9.4	

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#8

Nitrobenzene-d5

Concen: 4.04 ng

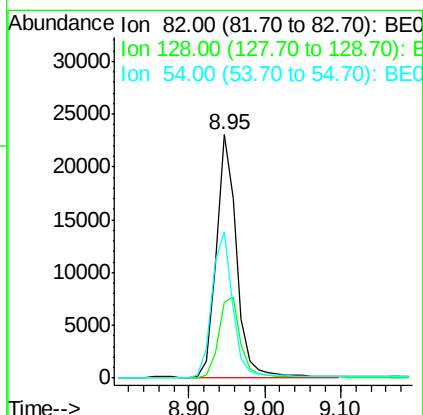
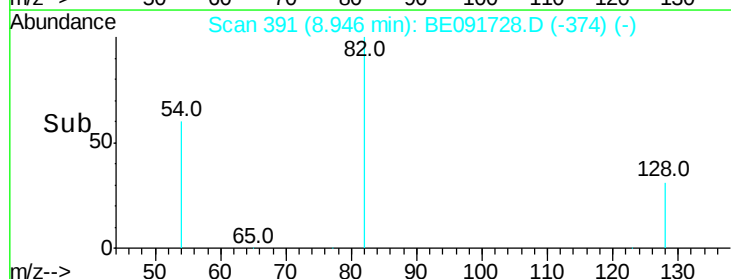
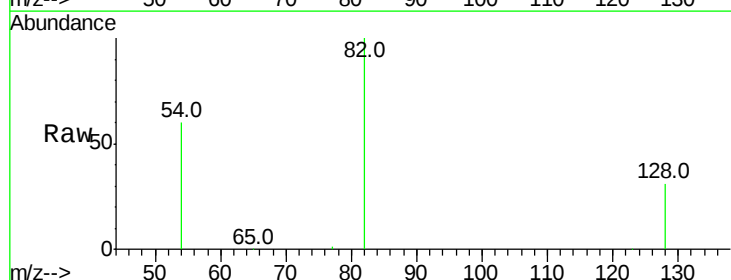
RT: 8.95 min Scan# 391

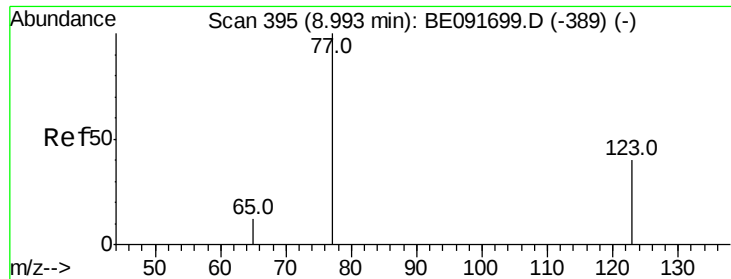
Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.2	25.4	38.0	
54	59.9	48.4	72.6	





#9

Nitrobenzene

Concen: 0.20 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

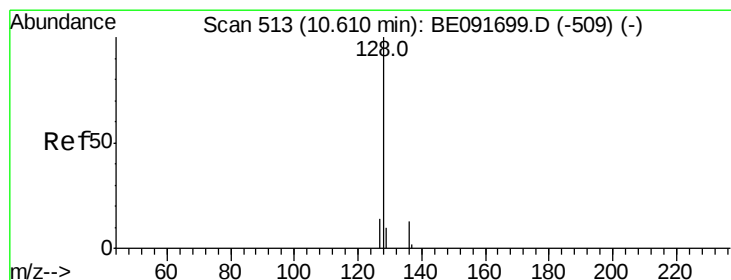
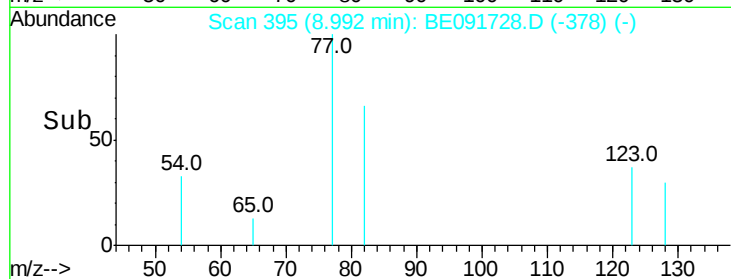
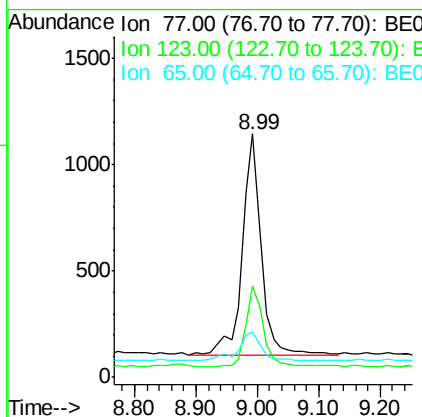
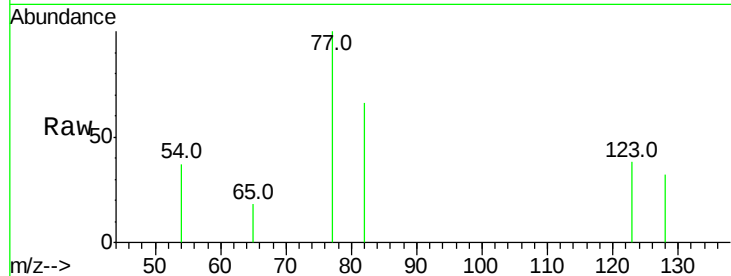
ClientSampleId :

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Tot Ion:	77	Resp:	2224
Ion	Ratio	Lower	Upper
77	100		
123	33.0	26.9	40.3
65	16.0	9.4	14.2#

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#10

Naphthalene

Concen: 0.19 ng

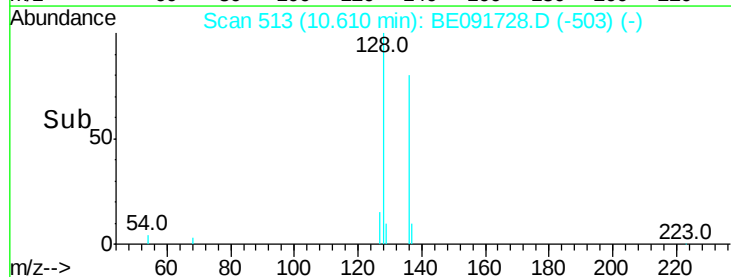
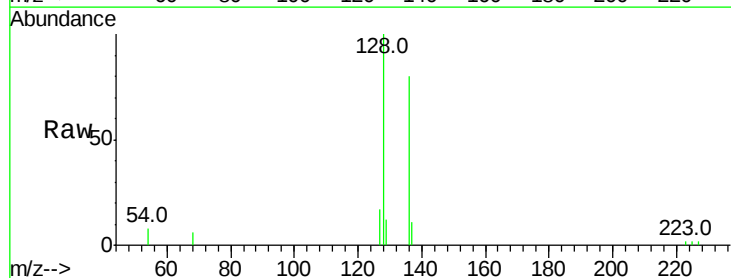
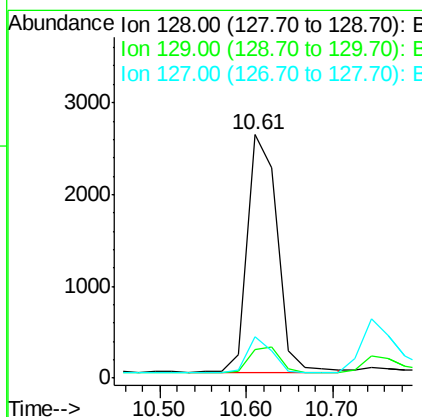
RT: 10.61 min Scan# 513

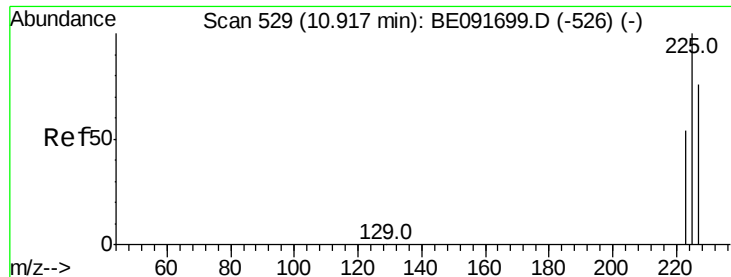
Delta R.T. 0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Tgt Ion:	128	Resp:	6181
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	16.9	10.7	16.1#





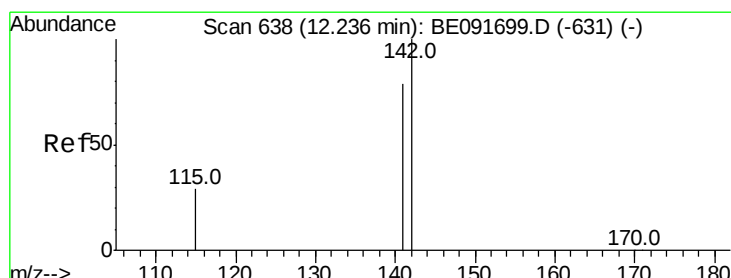
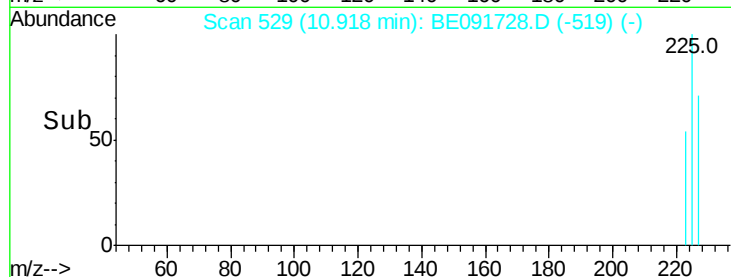
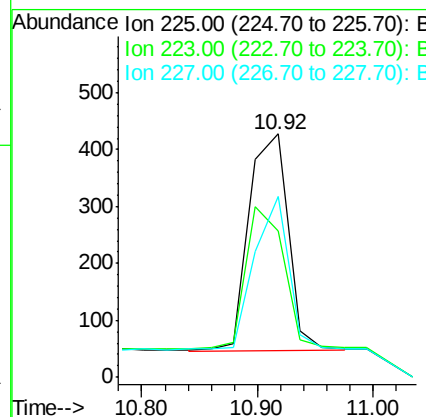
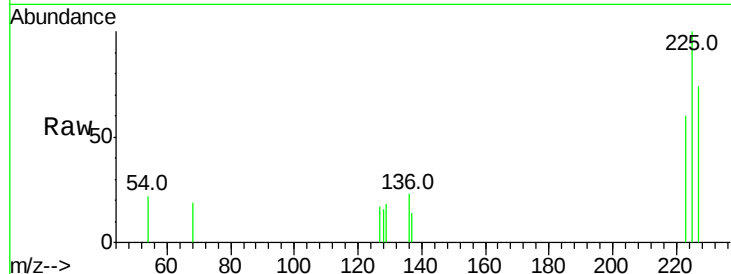
#11
Hexachlorobutadiene
Concen: 0.18 ng m
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
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Tot Ion	Ratio	Lower	Upper
225	100		
223	122.3	49.0	73.6#
227	112.6	50.3	75.5#

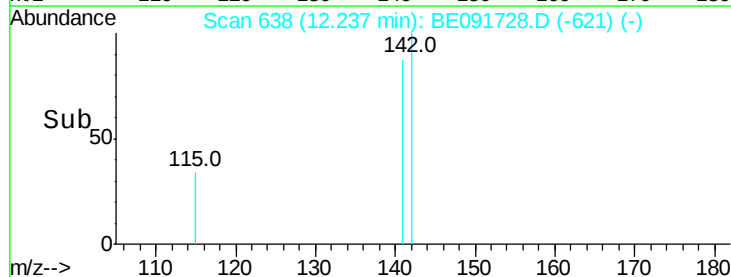
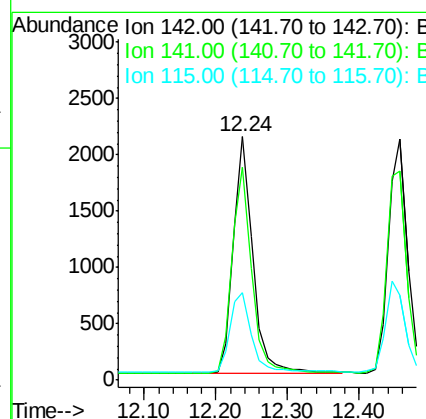
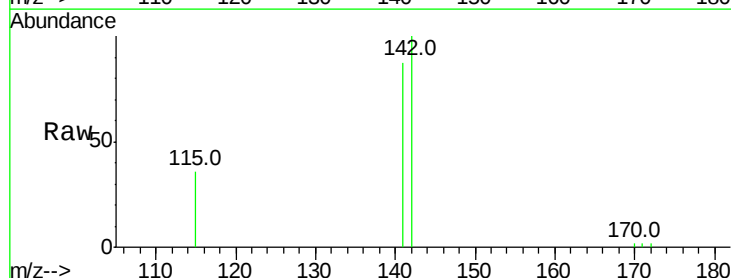
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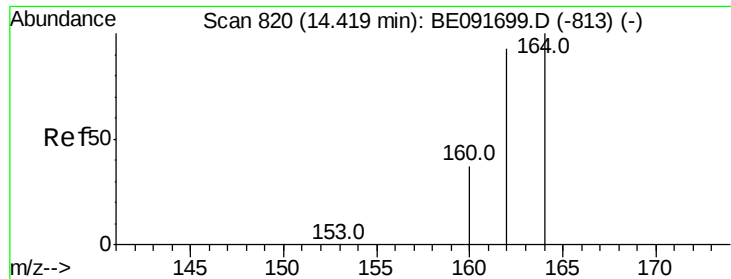
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#12
2-Methylnaphthalene
Concen: 0.19 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.0
115	36.2	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: BE091728.D

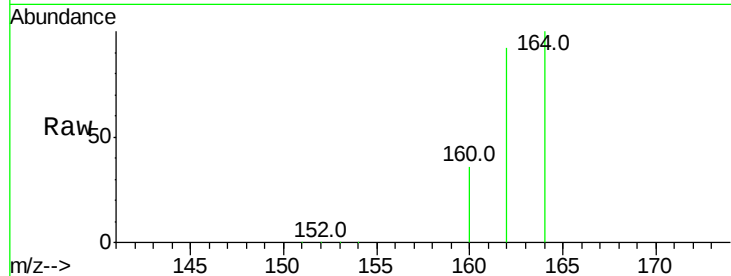
Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:164 Resp: 96189

Ion Ratio Lower Upper

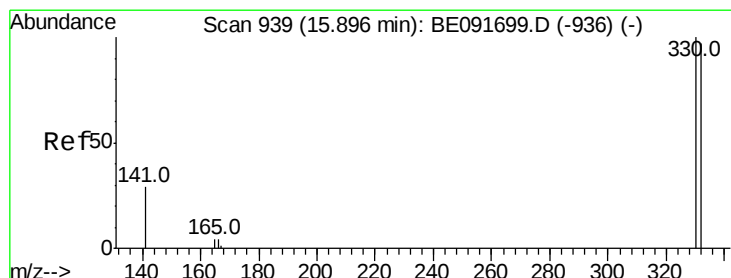
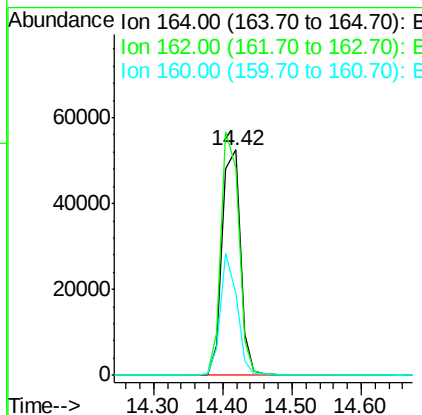
164 100

162 92.4 85.3 127.9

160 36.3 46.2 69.2#

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#14

2,4,6-Tribromophenol

Concen: 8.49 ng

RT: 15.90 min Scan# 939

Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

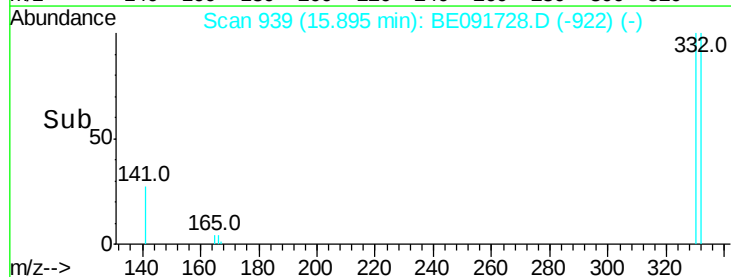
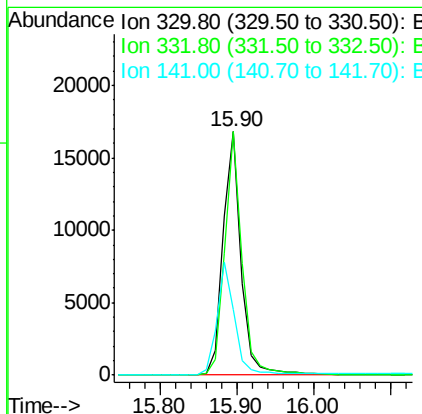
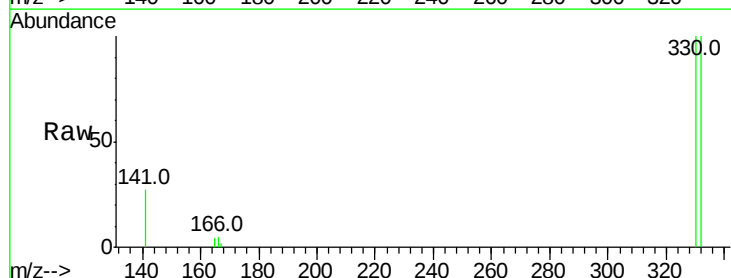
Tgt Ion:330 Resp: 30442

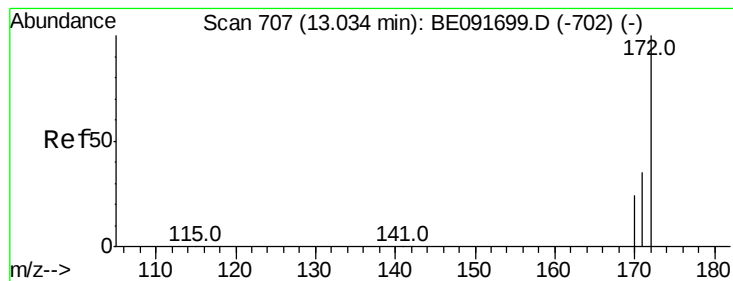
Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 44.3 125.4 188.0#





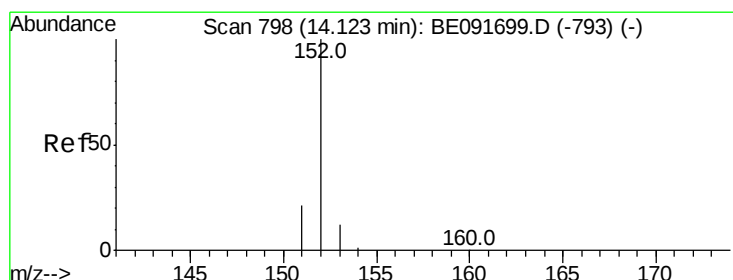
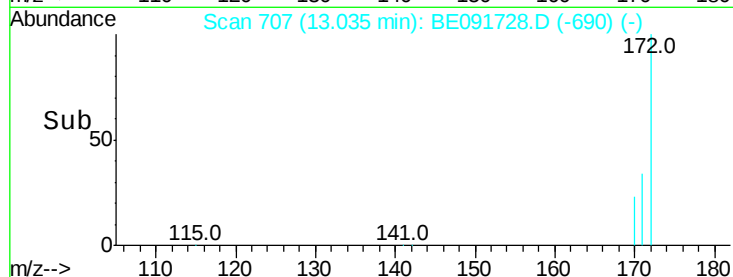
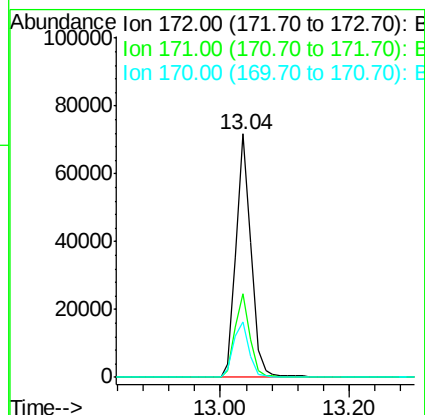
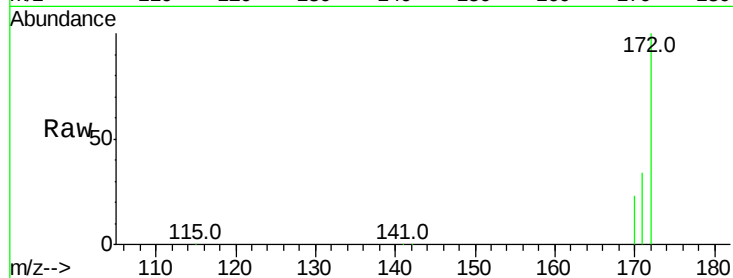
#15
2-Fluorobiphenyl
Concen: 4.19 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.8	43.2
170	22.6	19.3	28.9

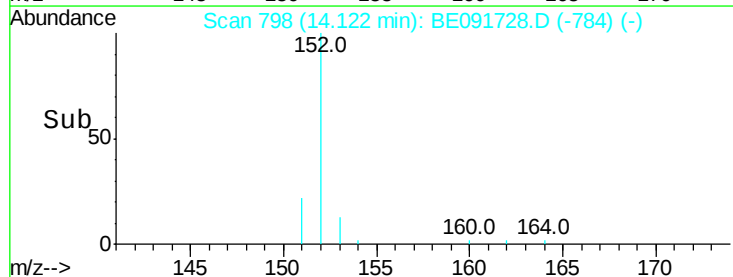
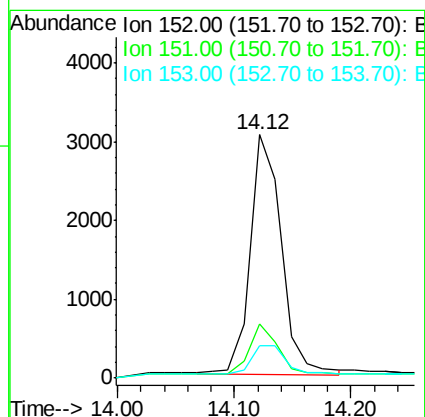
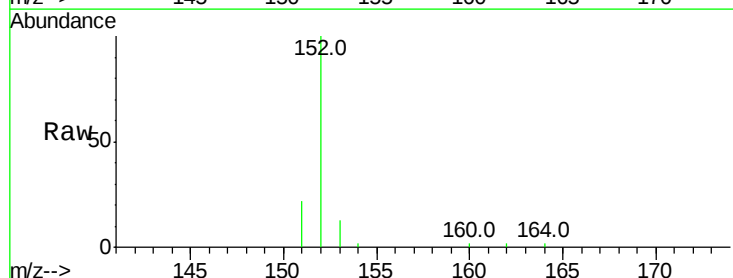
Manual Integrations
APPROVED

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#16
Acenaphthylene
Concen: 0.15 ng m
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.6	3.9	5.9#
153	29.4	10.3	15.5#





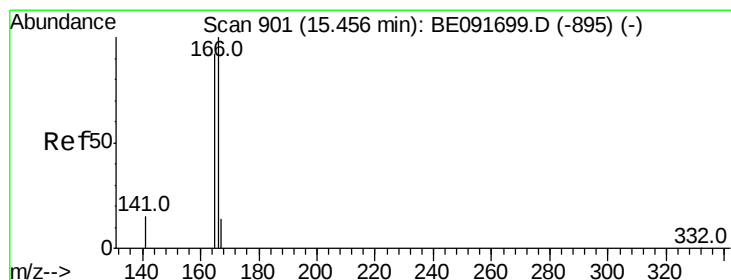
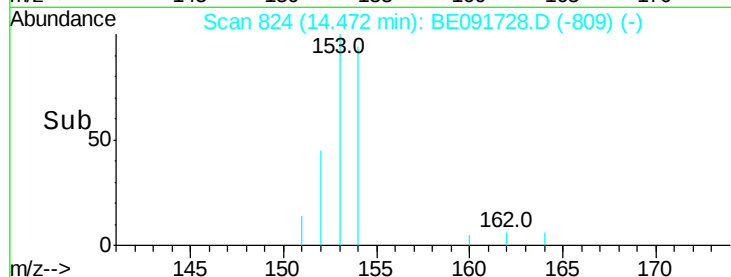
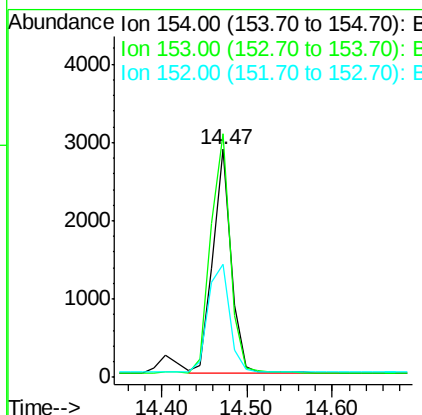
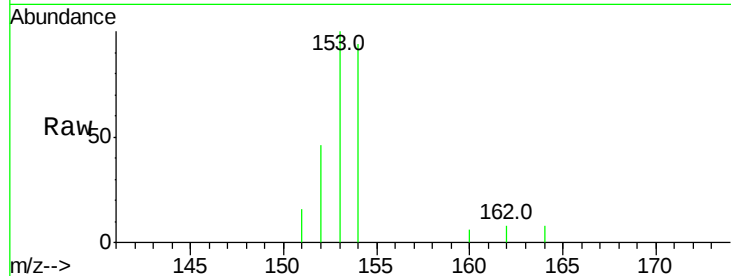
#17
Acenaphthene
Concen: 0.18 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	80.0	120.0
152	57.1	40.0	60.0

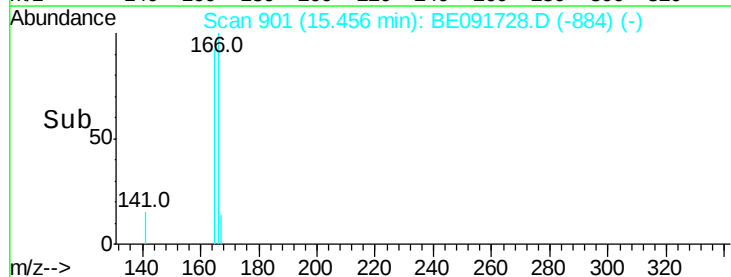
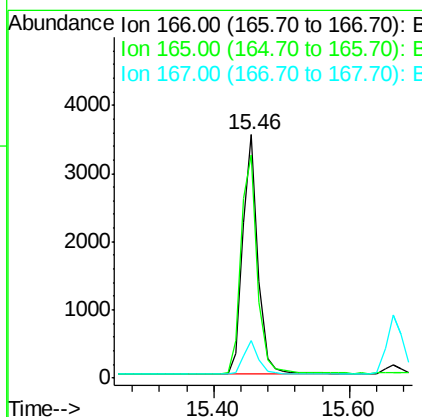
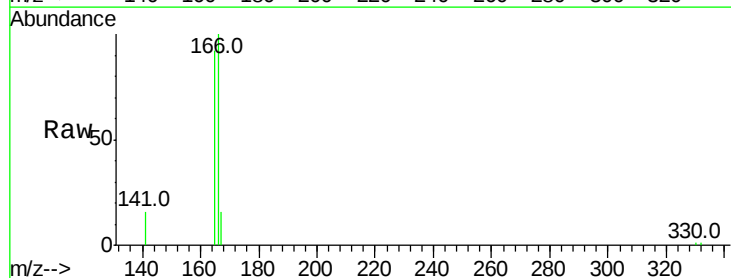
Manual Integrations
APPROVED

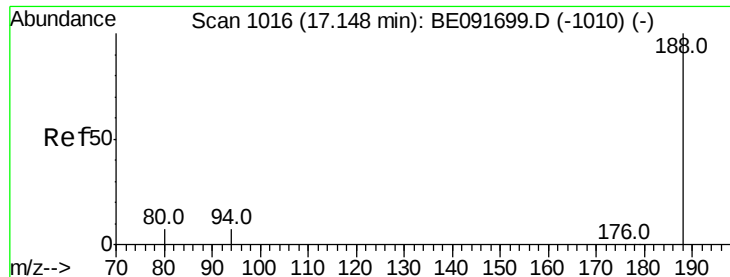
sohil
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#18
Fluorene
Concen: 0.19 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.8	121.2
167	13.9	10.9	16.3





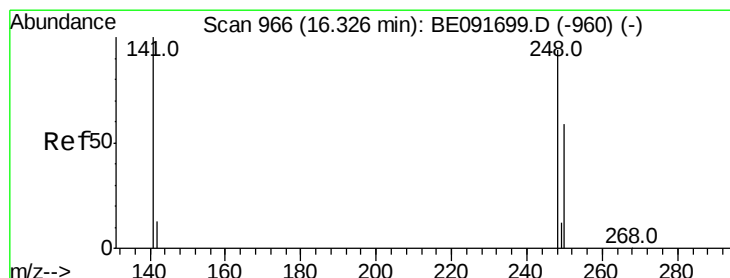
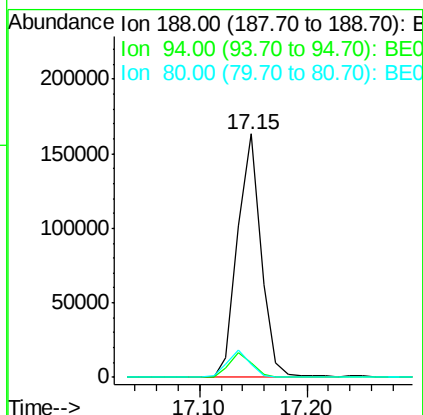
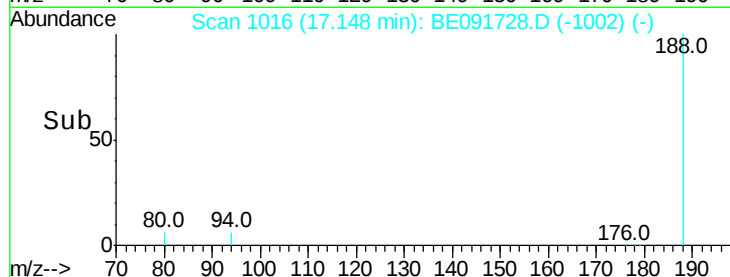
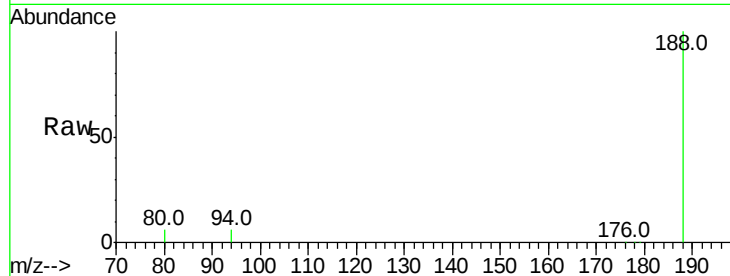
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	5.5	9.4	14.0#

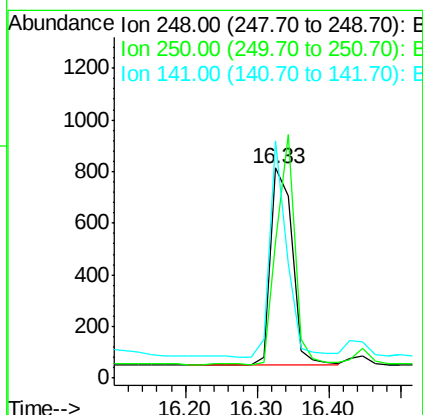
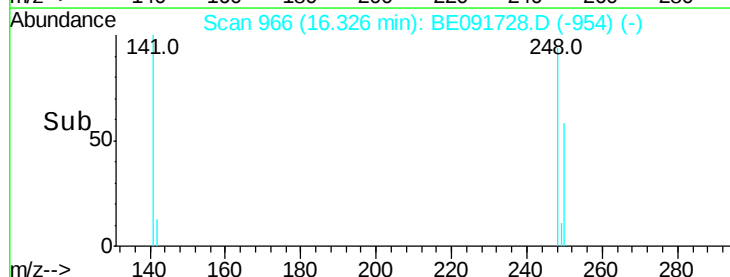
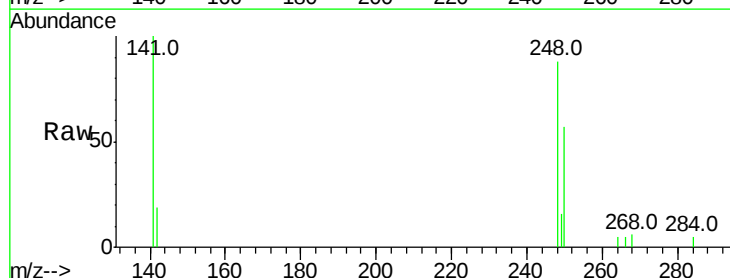
Manual Integrations
APPROVED

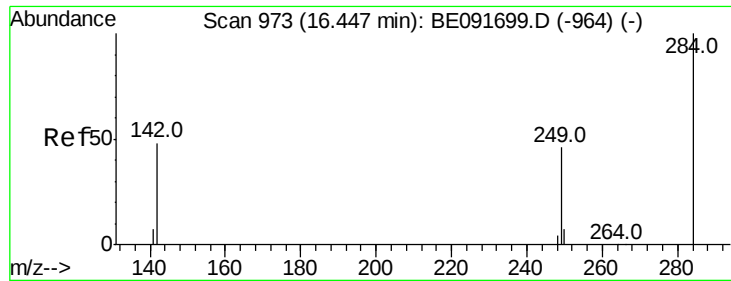
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#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	97.4	80.5	120.7
141	86.7	72.0	108.0





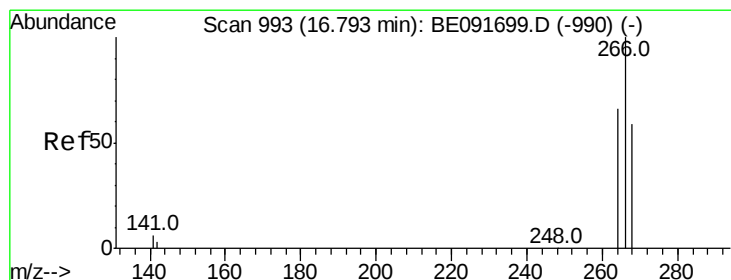
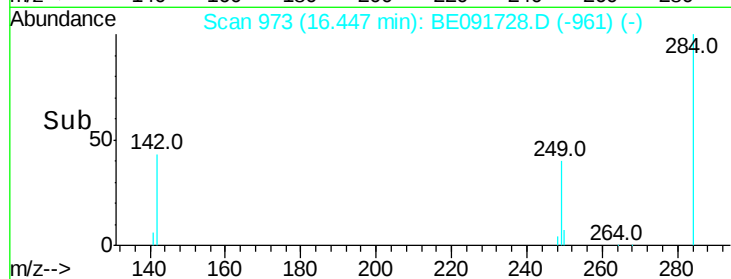
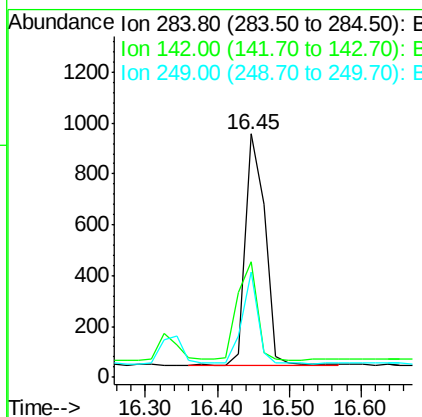
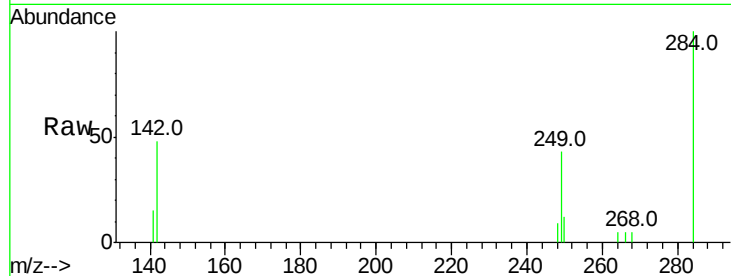
#21
Hexachlorobenzene
Concen: 0.19 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.2	32.2	48.2
249	32.2	25.4	38.2

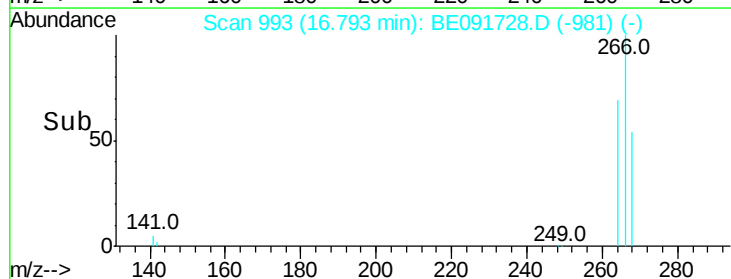
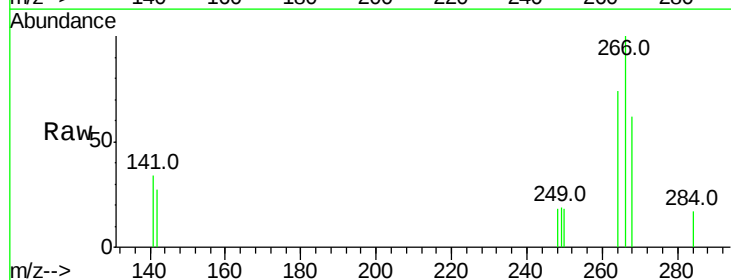
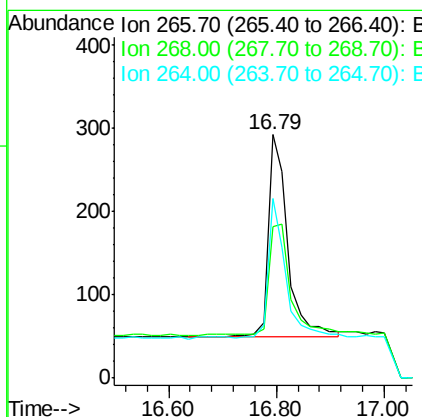
Manual Integrations
APPROVED

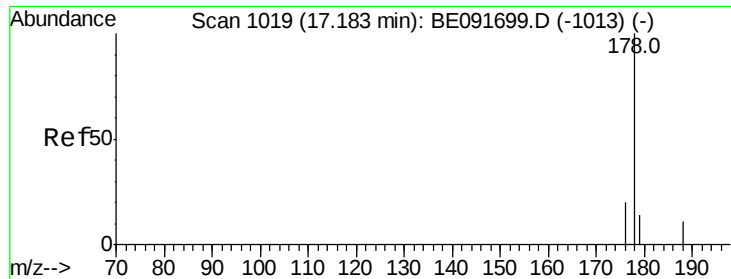
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#22
Pentachlorophenol
Concen: 0.22 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	58.2	87.2
264	73.6	56.2	84.4





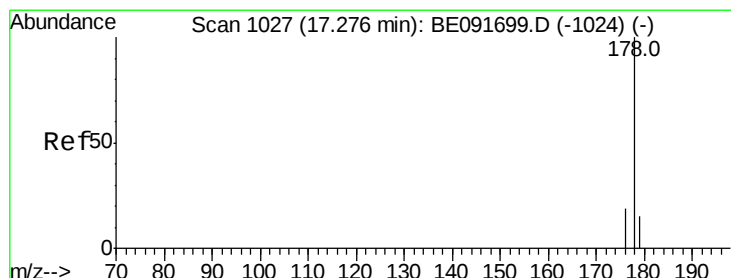
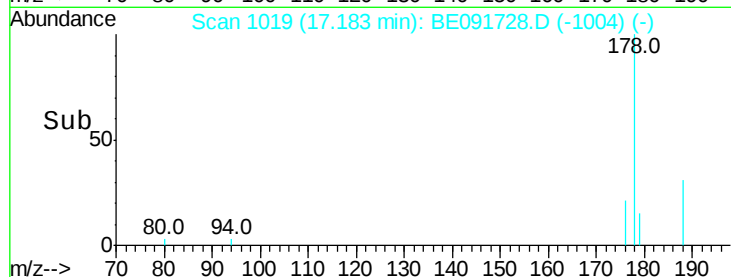
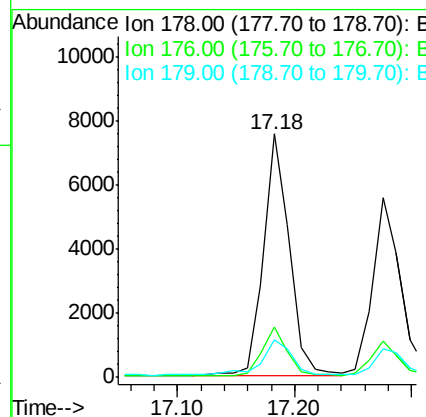
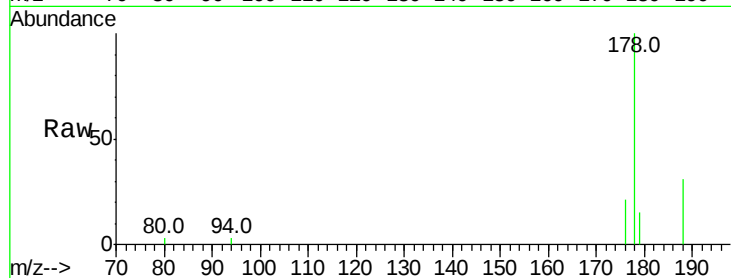
#23
Phenanthrene
Concen: 0.20 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.8	12.6	18.8

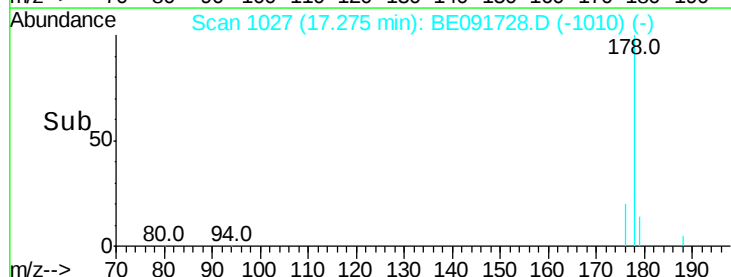
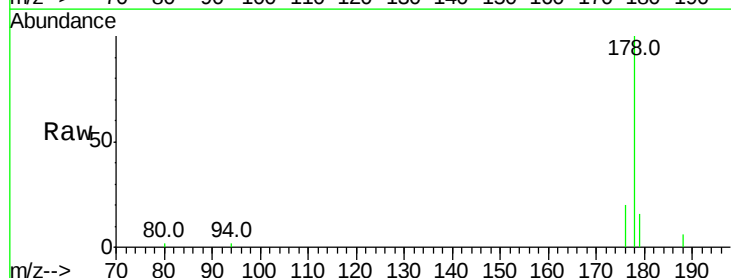
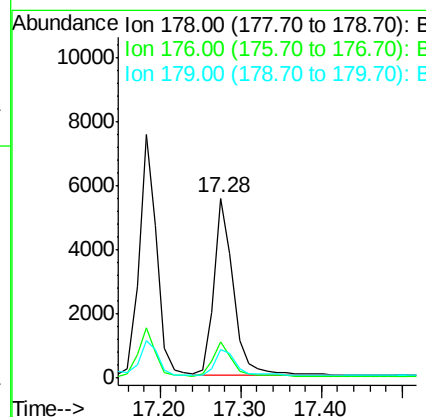
Manual Integrations
APPROVED

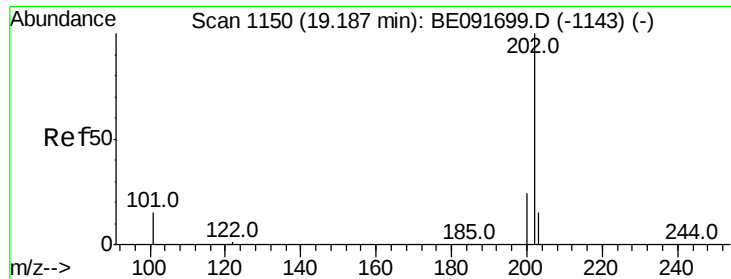
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#24
Anthracene
Concen: 0.19 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.7	11.8	17.6





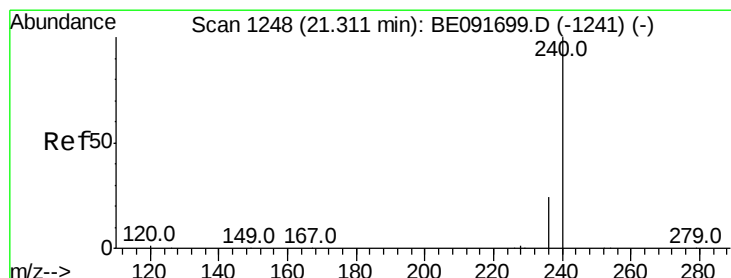
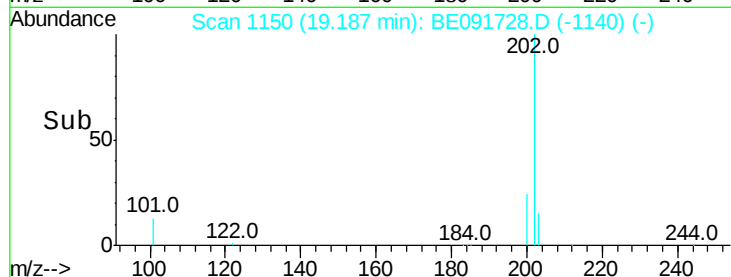
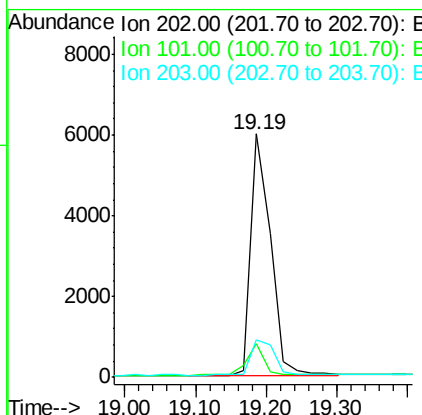
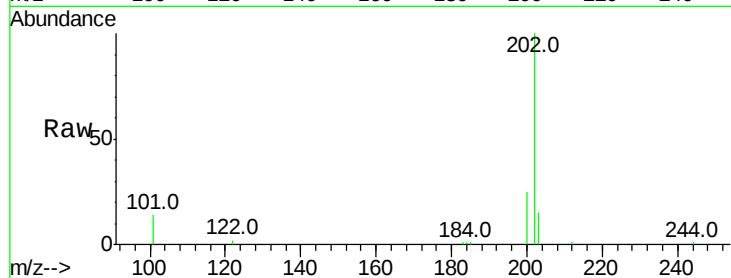
#25
Fluoranthene
Concen: 0.20 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
202	100	11732		
101	11.3		11.0	16.6
203	17.2		13.9	20.9

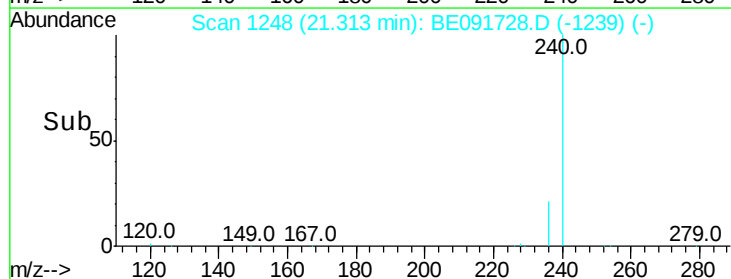
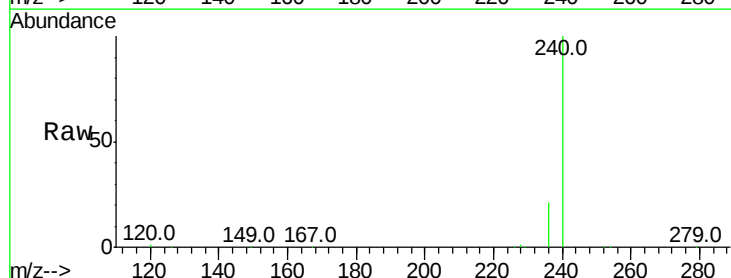
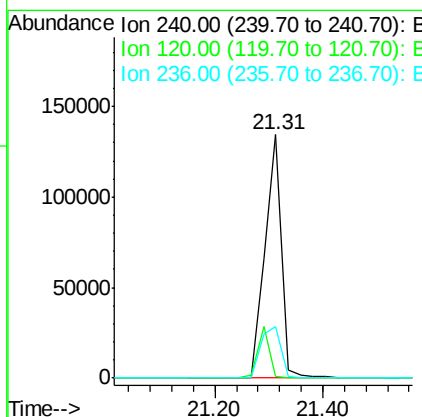
Manual Integrations
APPROVED

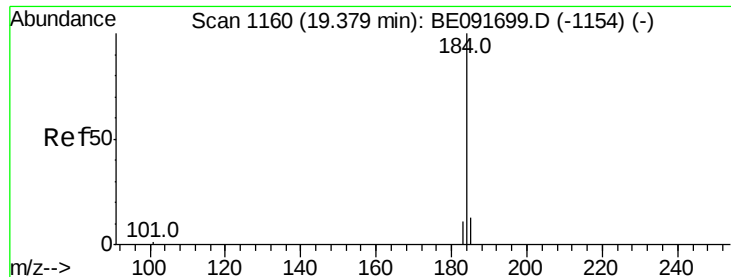
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	288239		
120	0.9		11.0	16.4#
236	21.1		21.7	32.5#





#27

Benzidine

Concen: 0.27 ng

RT: 19.40 min Scan# 1161

Delta R.T. 0.02 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:184 Resp: 2429

Ion Ratio Lower Upper

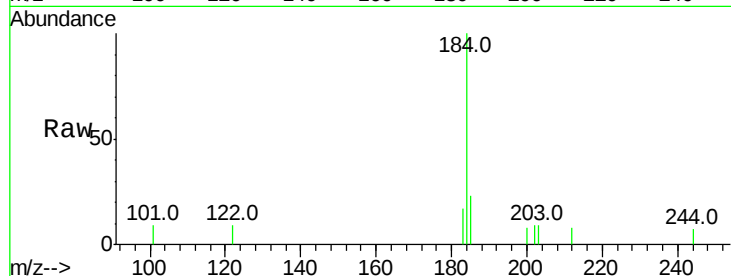
184 100

185 22.7 22.3 33.5

183 17.2 16.4 24.6

Manual Integrations
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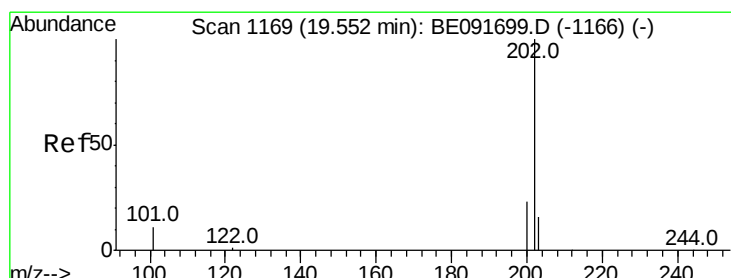
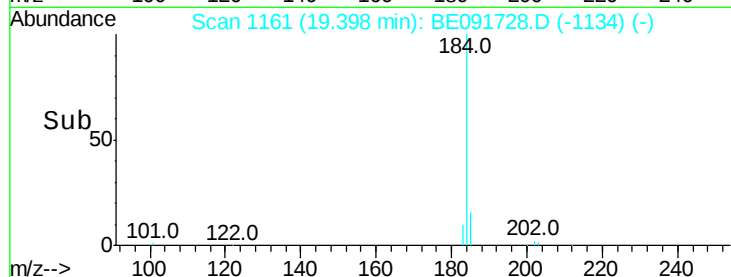
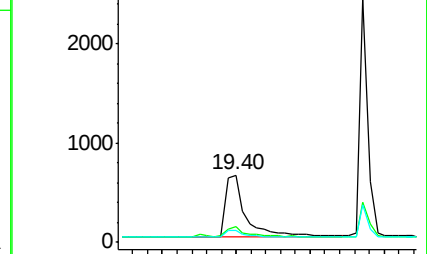
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.20 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

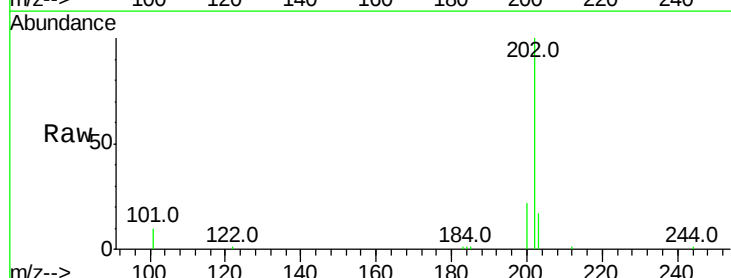
Tgt Ion:202 Resp: 13028

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

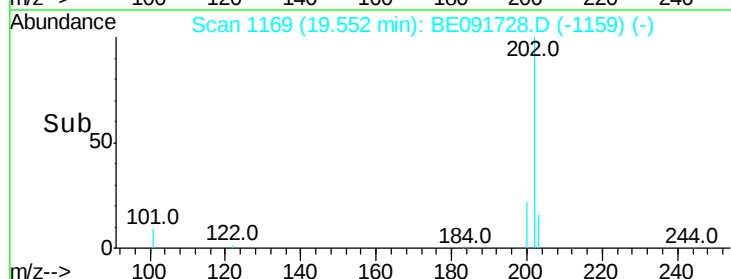
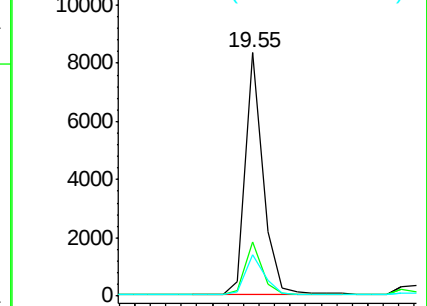
203 18.2 14.0 21.0

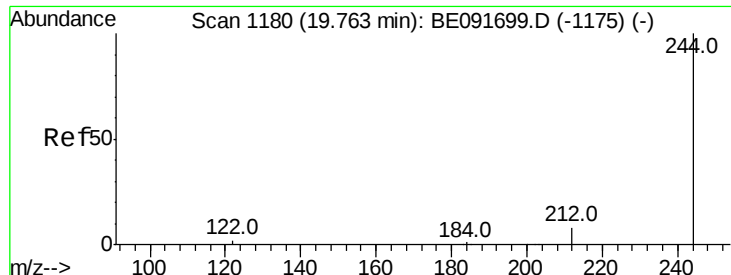


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





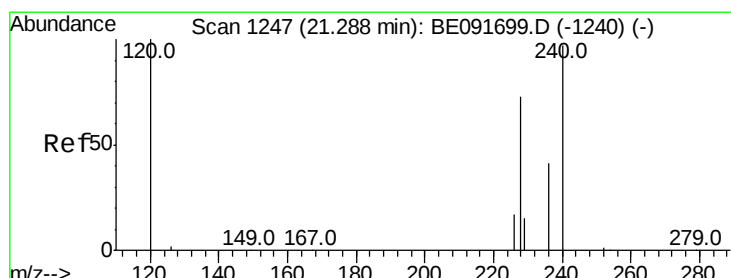
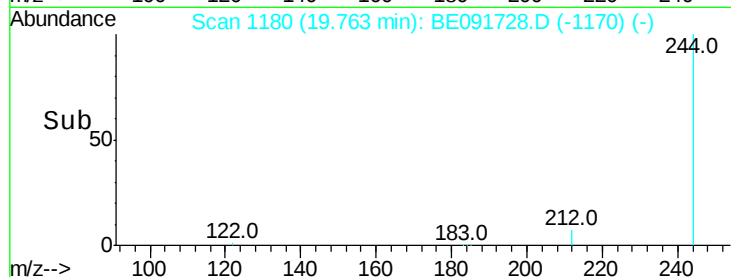
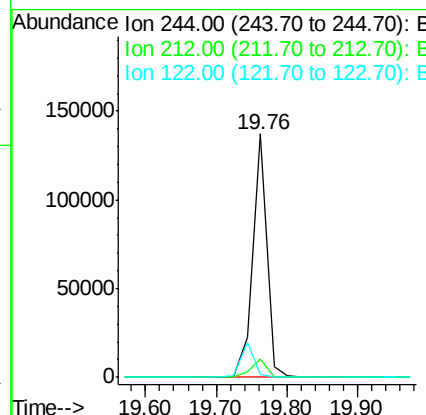
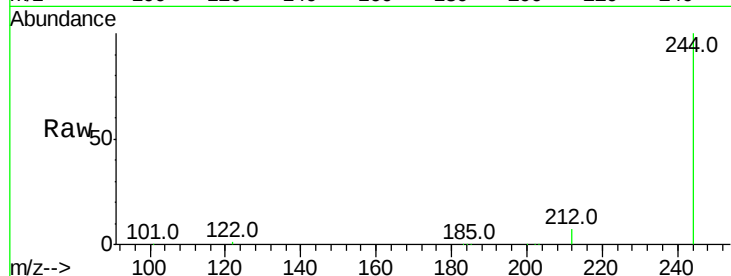
#29
 Terphenyl-d14
 Concen: 4.32 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091728.D
 Acq: 27 Apr 2016 16:18

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.4	6.9	10.3	
122	1.4	11.0	16.4	

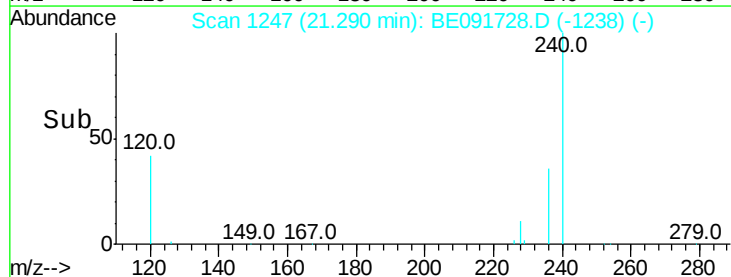
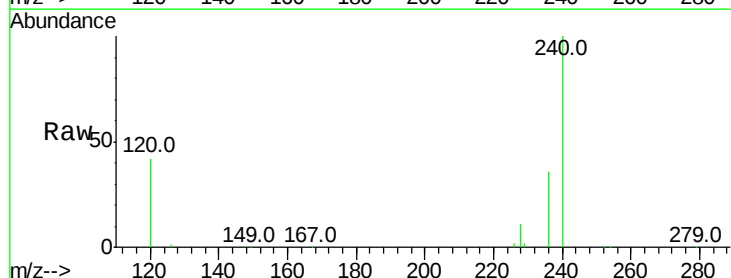
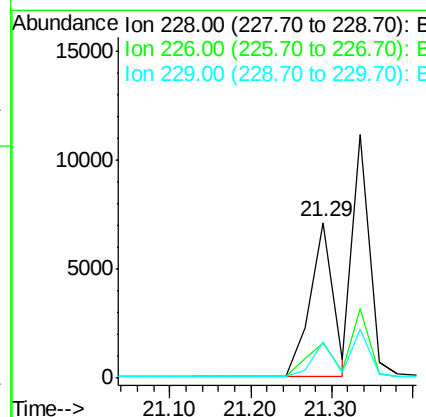
Manual Integrations
 APPROVED

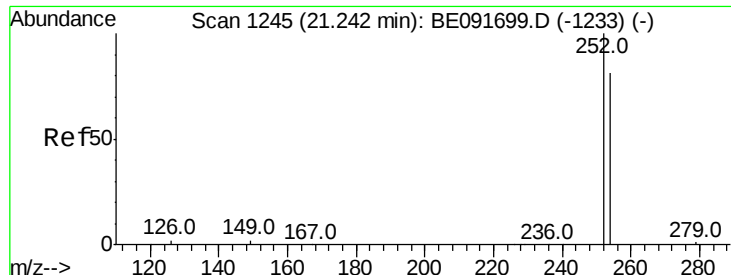
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#30
 Benzo(a)anthracene
 Concen: 0.20 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091728.D
 Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	22.4	21.0	31.4	
229	23.1	15.7	23.5	





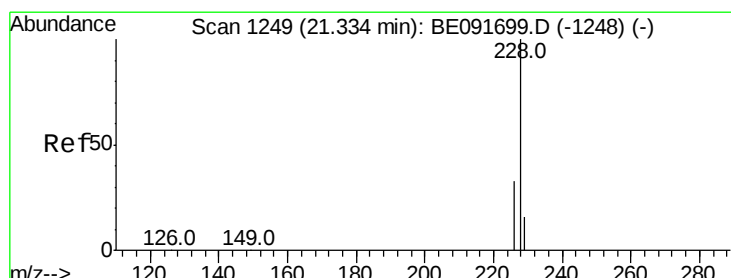
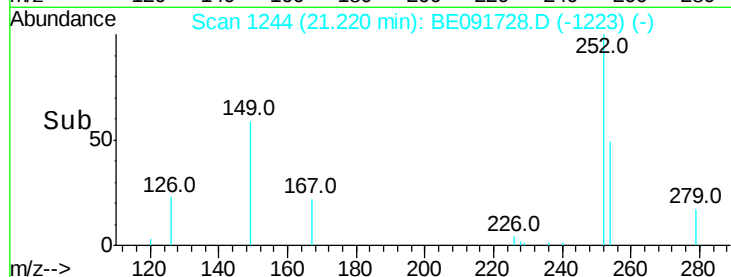
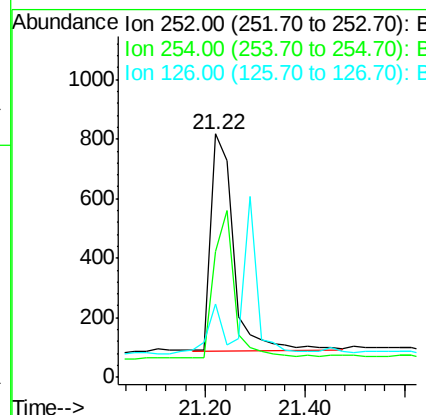
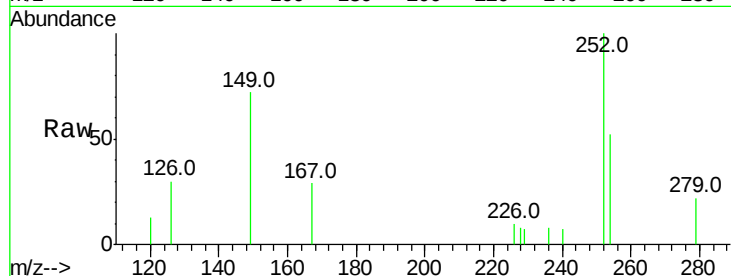
#31
 3,3'-Dichlorobenzidine
 Concen: 0.07 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091728.D
 Acq: 27 Apr 2016 16:18

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-SOIL2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	51.6	51.1	76.7
126	30.0	12.6	18.8

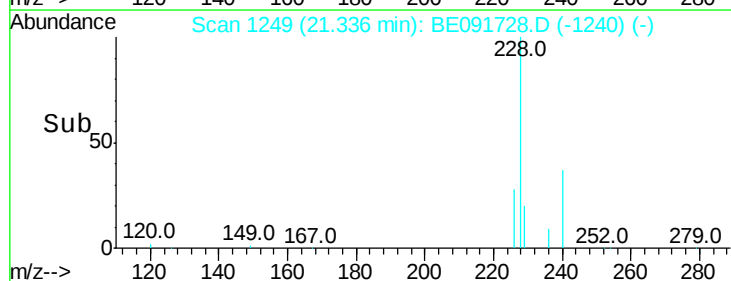
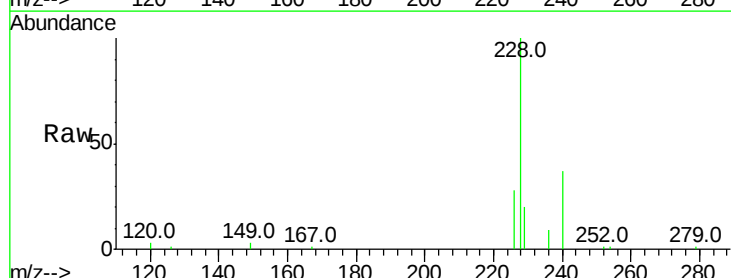
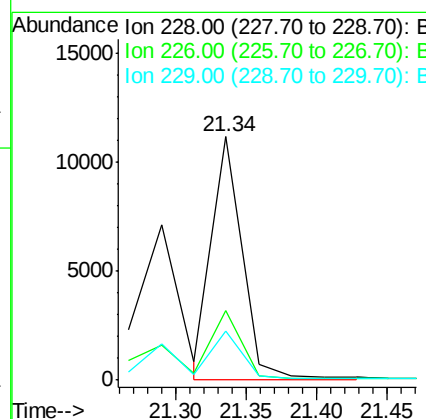
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#32
 Chrysene
 Concen: 0.23 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091728.D
 Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.0	36.0
229	20.0	15.9	23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.22 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091728.D

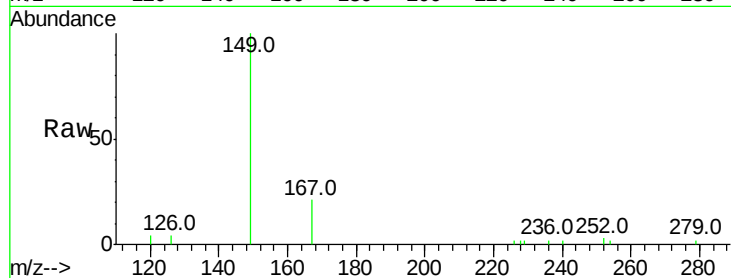
Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

LOQ-SOIL2016-02



Tot Ion:149 Resp: 4758

Ion Ratio Lower Upper

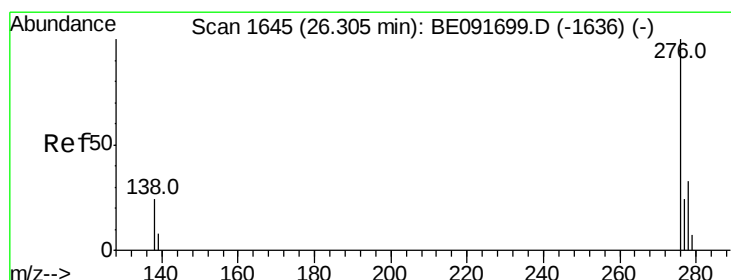
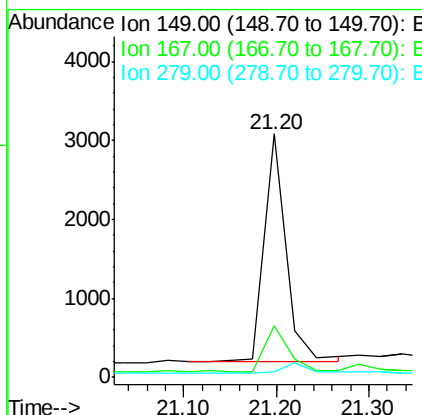
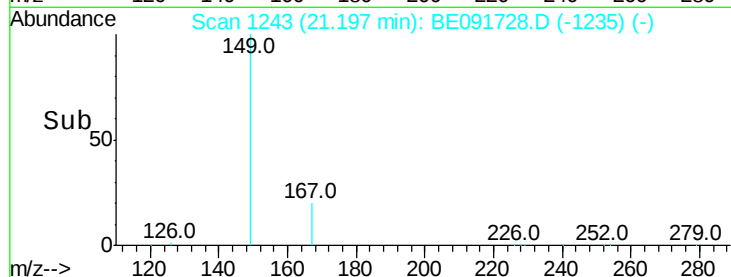
149 100

167 21.9 19.5 29.3

279 0.0 10.0 15.0#

Manual Integrations
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#34

Indeno(1,2,3-cd)pyrene

Concen: 0.20 ng

RT: 26.30 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

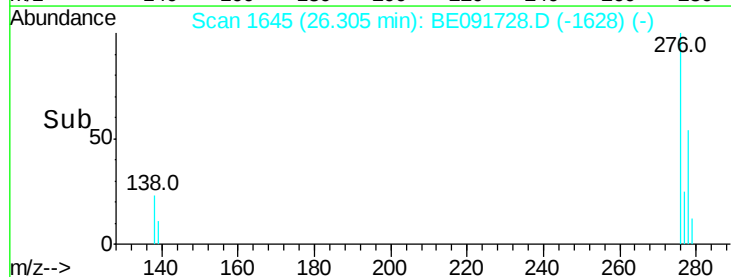
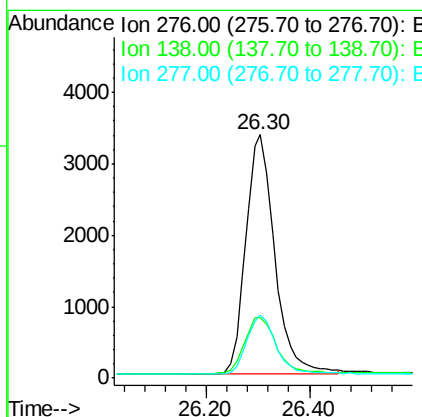
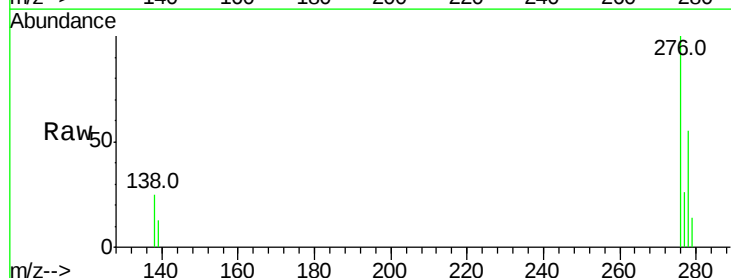
Tgt Ion:276 Resp: 13141

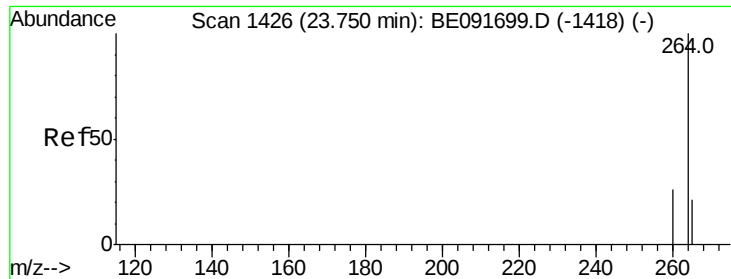
Ion Ratio Lower Upper

276 100

138 25.5 23.4 35.2

277 24.8 19.8 29.8





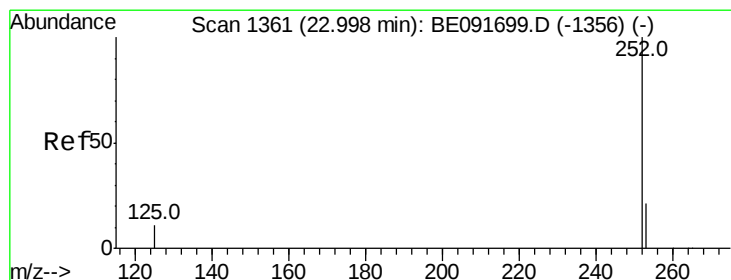
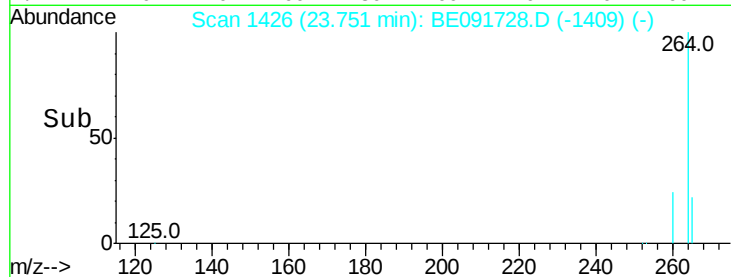
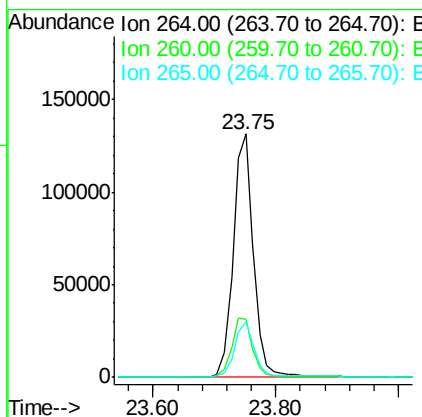
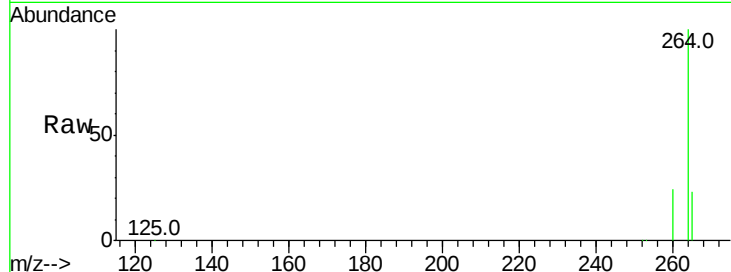
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Tot Ion	Ratio	Resp	Lower	Upper
264	100	299875		
260	23.9	20.0	30.0	
265	22.6	17.5	26.3	

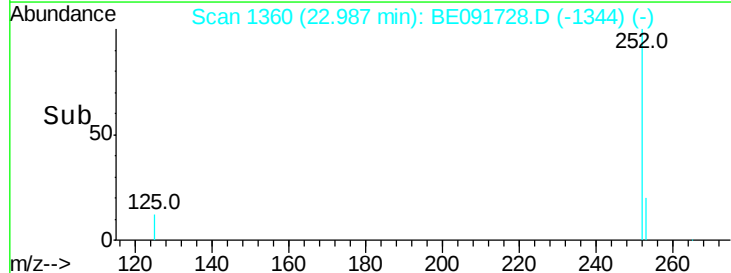
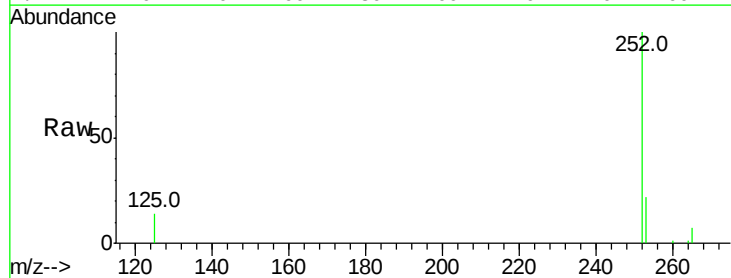
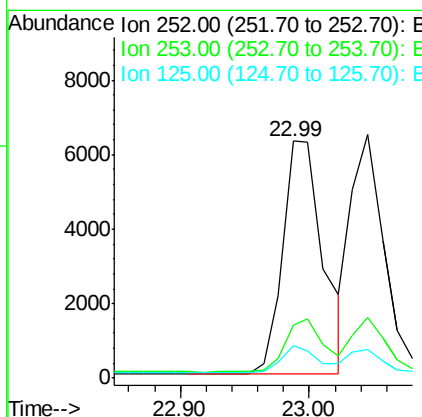
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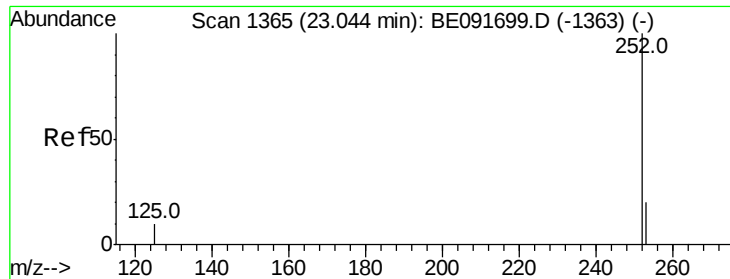
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#36
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091728.D
Acq: 27 Apr 2016 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	13813		
253	22.1	17.4	26.0	
125	13.7	10.2	15.2	





#37

Benzo(k)fluoranthene

Concen: 0.17 ng

RT: 23.05 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

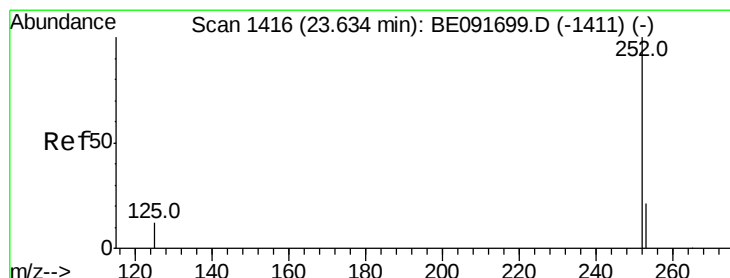
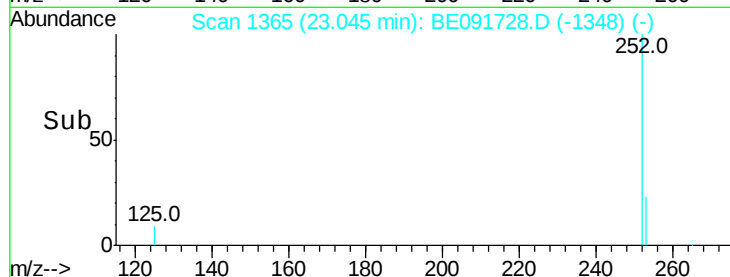
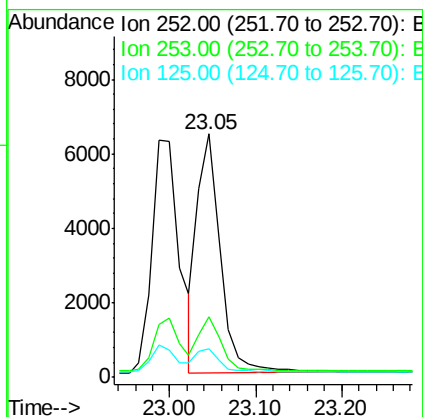
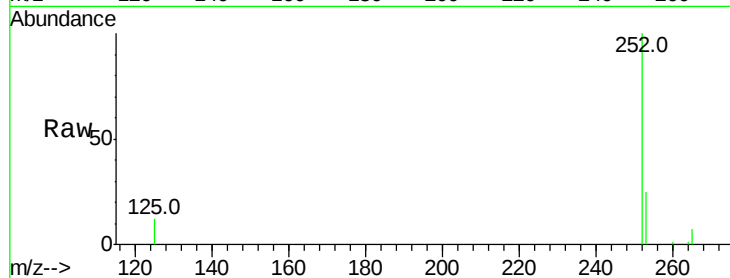
ClientSampleId :

LOQ-SOIL2016-02

Tot Ion:	252	Resp:	11876
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.6	26.4
125	11.5	9.9	14.9

Manual Integrations
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#38

Benzo(a)pyrene

Concen: 0.18 ng

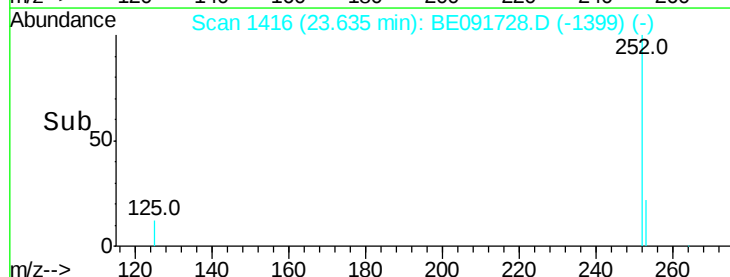
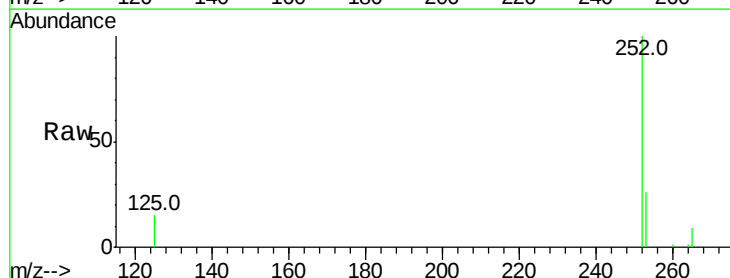
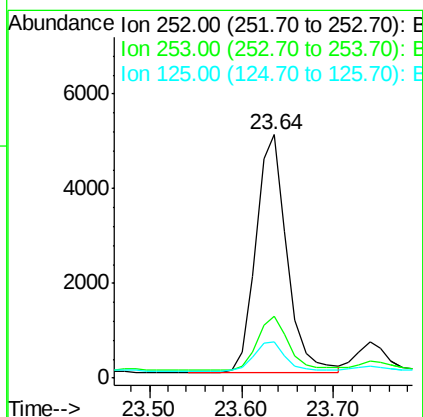
RT: 23.64 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18

Tgt Ion:	252	Resp:	11833
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.1	27.1
125	15.0	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.17 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091728.D

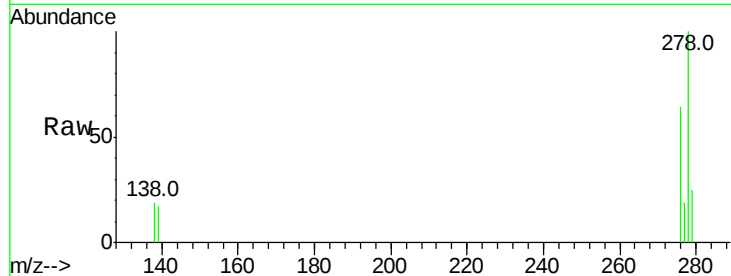
Acq: 27 Apr 2016 16:18

Instrument :

BNA_E

ClientSampleId :

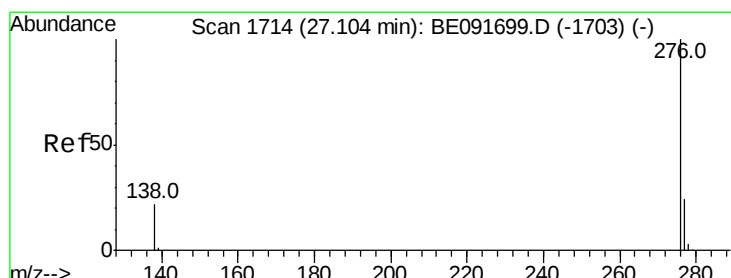
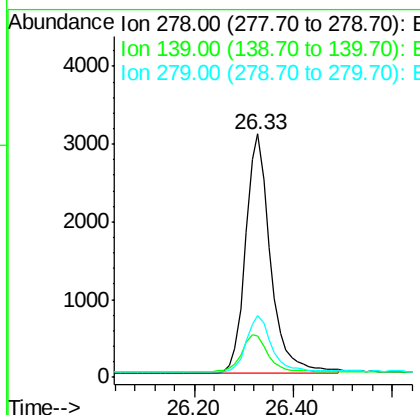
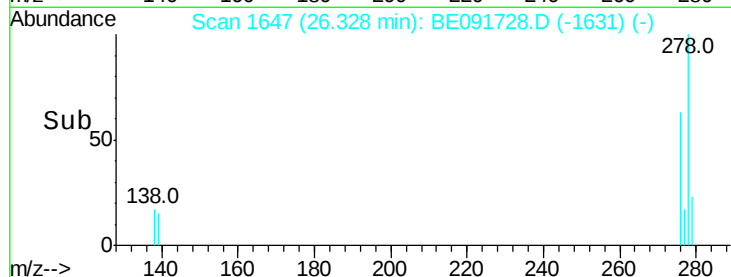
LOQ-SOIL2016-02



Tot Ion:	278	Resp:	10891
Ion Ratio	Lower	Upper	
278	100		
139	17.2	16.0	24.0
279	25.2	19.4	29.2

Manual Integrations
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#40

Benzo(g,h,i)perylene

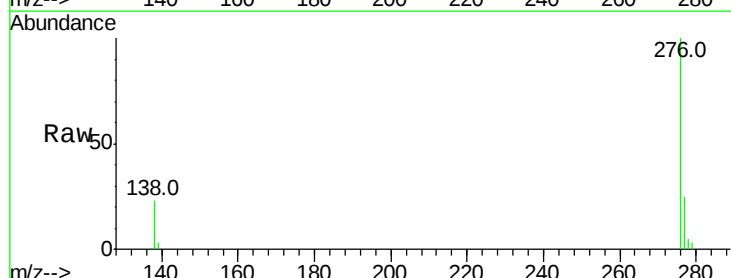
Concen: 0.18 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091728.D

Acq: 27 Apr 2016 16:18



Tgt Ion:	276	Resp:	11223
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	28.0
138	22.9	20.4	30.6

