Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091976.D
Acq On : 6 Jul 2016 00:16
Operator : UM/SJ
Sample : H3606-04
Misc : LOO0.2
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2016-02

Manual Integrations APPROVED
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Quant Time: Jul 06 13:32:35 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22713	5.00	ng		0.00
8) Naphthalene-d8	10.99	136	102454	5.00	ng		0.00
15) Acenaphthene-d10	14.86	164	73020	5.00	ng		0.00
24) Phenanthrene-d10	17.60	188	164810	5.00	ng		0.00
31) Chrysene-d12	21.76	240	316489	5.00	ng		0.00
40) Perylene-d12	24.18	264	231430	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.72	112	34079	6.27	ng		0.00
5) Phenol-d6	7.35	99	45390	6.01	ng		-0.02
9) Nitrobenzene-d5	9.36	82	25772	3.69	ng		-0.02
16) 2,4,6-Tribromophenol	16.35	330	13248	5.12	ng		0.00
17) 2-Fluorobiphenyl	13.49	172	66903	3.76	ng		0.00
34) Terphenyl-d14	20.22	244	112801	3.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	538	0.17	ng		90
3) n-Nitrosodimethylamine	3.83	42	415	0.14	ng	#	80
6) bis(2-Chloroethyl)ether	7.63	93	808	0.12	ng		94
7) n-Nitroso-di-n-propylamine	9.02	70	778	0.12	ng	#	96
10) Nitrobenzene	9.40	77	1133	0.15	ng	#	92
11) bis(2-Chloroethoxy)methane	10.47	93	1126	0.13	ng	#	19
12) Naphthalene	11.04	128	3418	0.14	ng	#	95
13) Hexachlorobutadiene	11.34	225	519	0.14	ng		99
14) 2-Methylnaphthalene	12.69	142	2146	0.14	ng		98
18) Acenaphthylene	14.56	152	11885	0.13	ng	#	61
19) 2,6-Dinitrotoluene	14.47	165	1212	0.19	ng	#	10
20) Acenaphthene	14.92	154	2929	0.15	ng	#	1
21) 2,4-Dinitrotoluene	15.25	165	1357m	0.28	ng		
22) Fluorene	15.90	166	3020	0.14	ng		99
23) 4-Chlorophenyl-phenylether	15.90	204	1528	0.15	ng		98
25) 4-Bromophenyl-phenylether	16.80	248	904	0.13	ng		94
26) Hexachlorobenzene	16.90	284	1008	0.14	ng		99
27) Pentachlorophenol	17.28	266	136	0.17	ng	#	80
28) Phenanthrene	17.64	178	6332	0.15	ng		98
29) Anthracene	17.73	178	5285	0.13	ng		99
30) Fluoranthene	19.65	202	27037	0.15	ng	#	88
32) Benzidine	19.86	184	1130	0.26	ng	#	74
33) Pyrene	20.02	202	26828	0.12	ng	#	80
35) Benzo(a)anthracene	21.73	228	7900m	0.15	ng		
37) Chrysene	21.79	228	11979m	0.16	ng		
38) Bis(2-ethylhexyl)phthalate	21.64	149	6873m	0.11	ng		
39) Indeno(1,2,3-cd)pyrene	26.70	276	34487	0.12	ng		98
41) Benzo(b)fluoranthene	23.43	252	8548	0.13	ng		97
42) Benzo(k)fluoranthene	23.48	252	7963	0.13	ng		98
43) Benzo(a)pyrene	24.06	252	7751	0.13	ng		99
44) Dibenzo(a,h)anthracene	26.72	278	6984	0.12	ng	#	95
45) Benzo(g,h,i)perylene	27.47	276	30436	0.13	ng		96

Quantitation Report (QT Reviewed)

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Data File : BE091976.D
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Operator : UM/SJ
Sample : H3606-04
Misc : LOO0.2
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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Quant Time: Jul 06 13:32:35 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
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BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations
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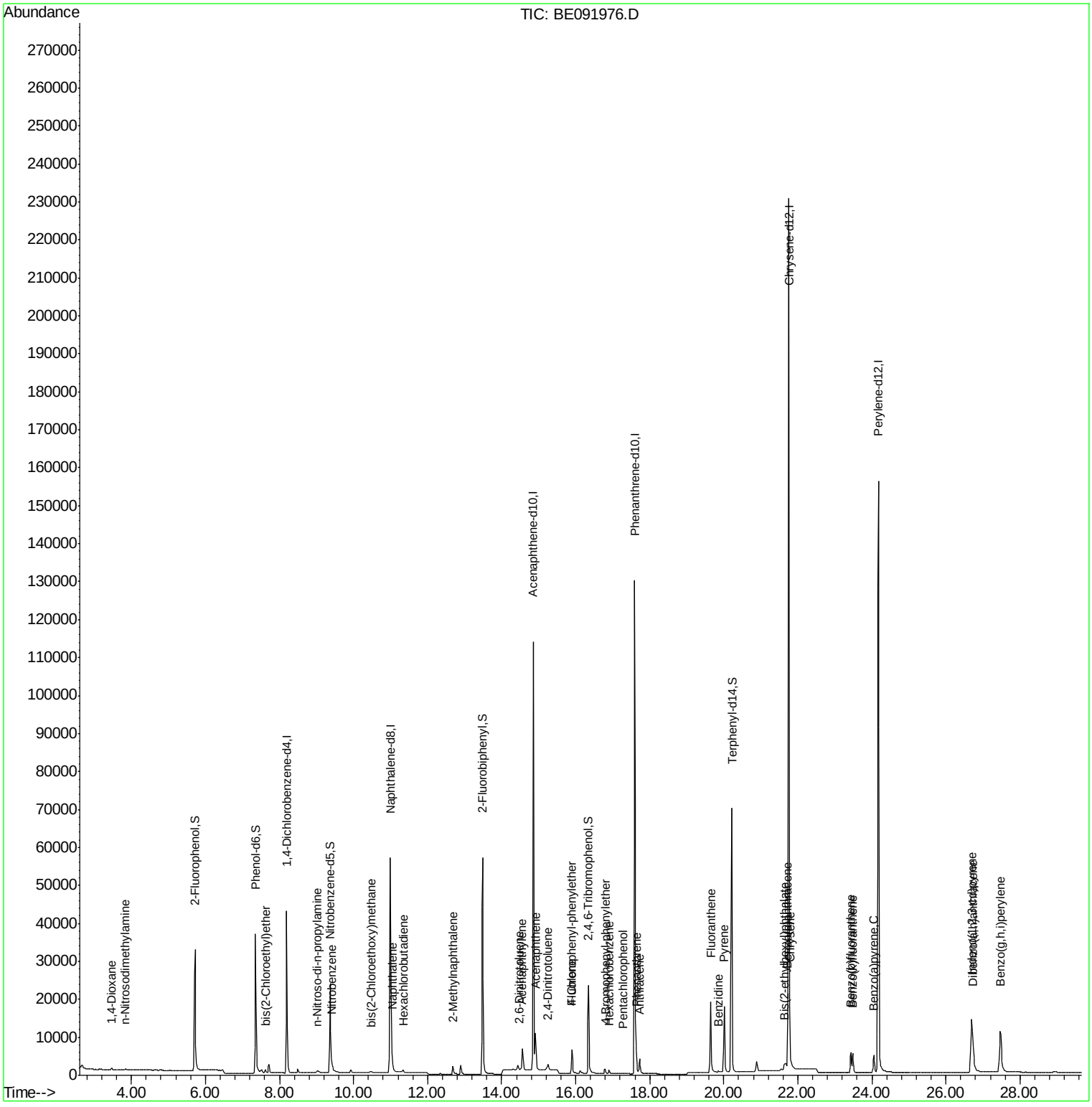
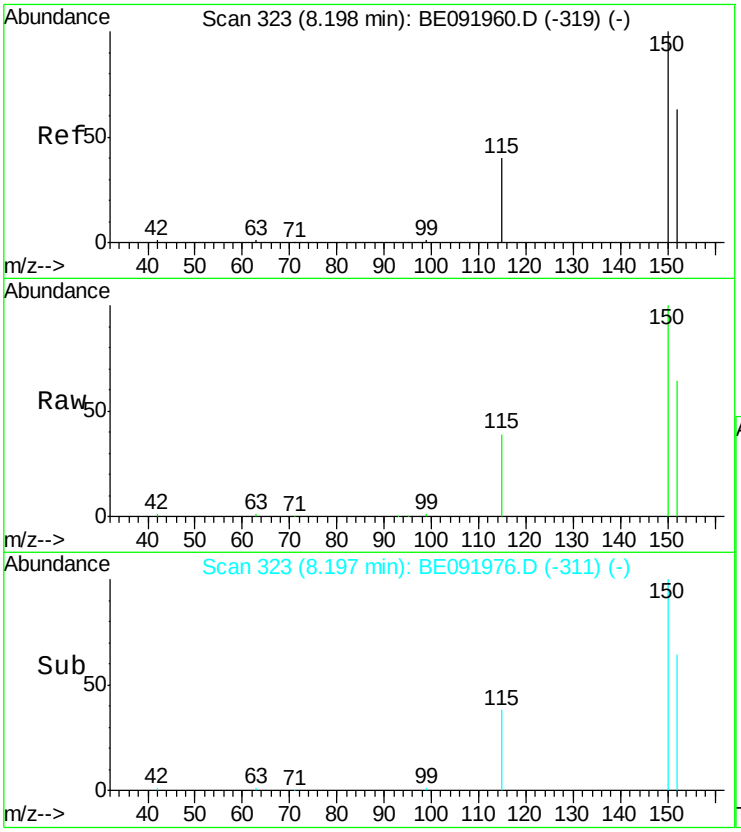
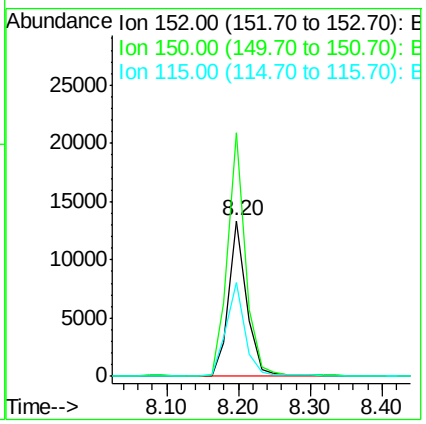




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:152 Resp: 22713

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.9	185.9
115	60.2	48.3	72.5



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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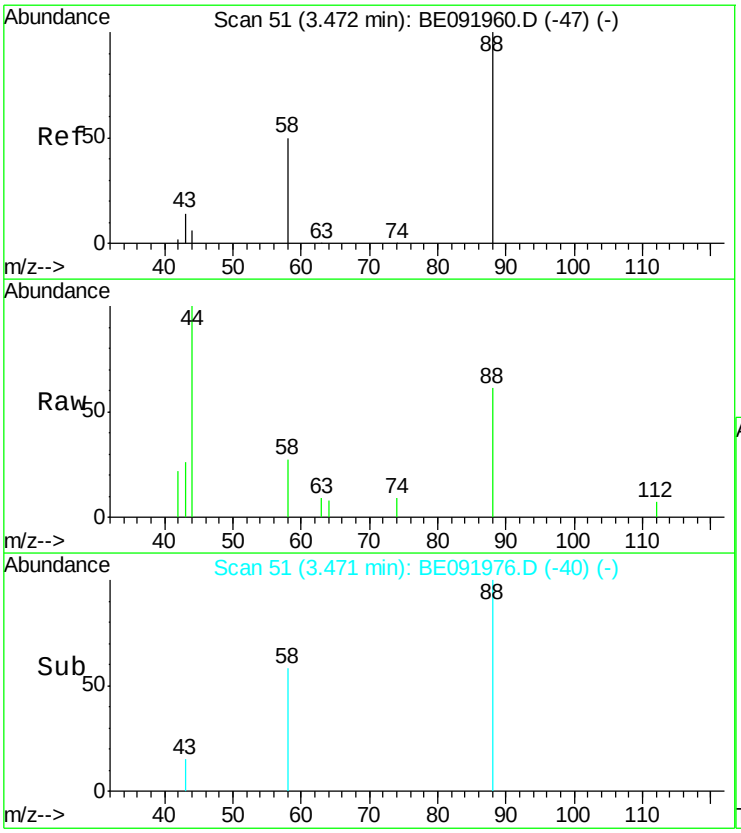
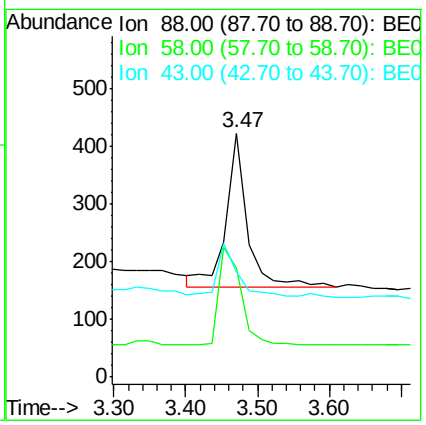
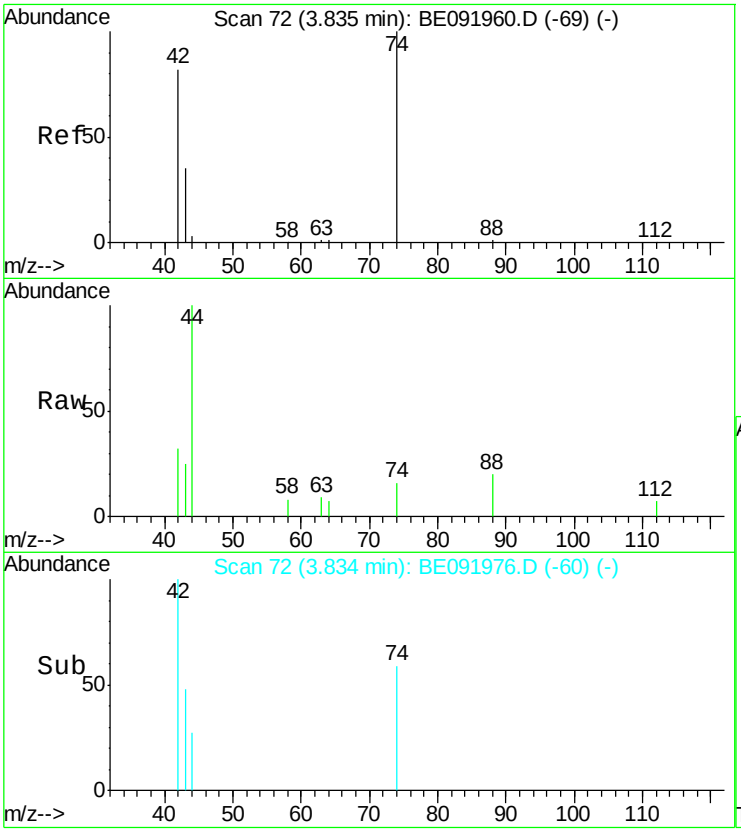


#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 88 Resp: 538

Ion	Ratio	Lower	Upper
88	100		
58	69.1	63.0	94.4
43	30.9	29.1	43.7

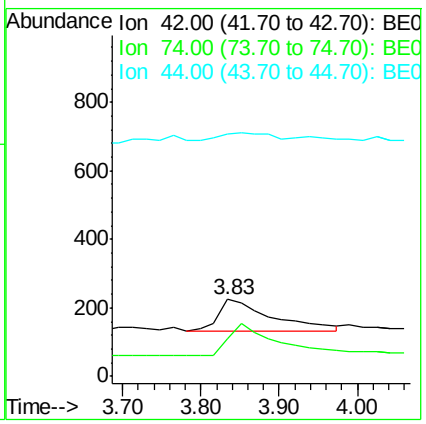




#3
n-Nitrosodimethylamine
Concen: 0.14 ng
RT: 3.83 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 42 Resp: 415

Ion	Ratio	Lower	Upper
42	100		
74	97.3	93.4	140.0
44	24.8	5.0	7.6#



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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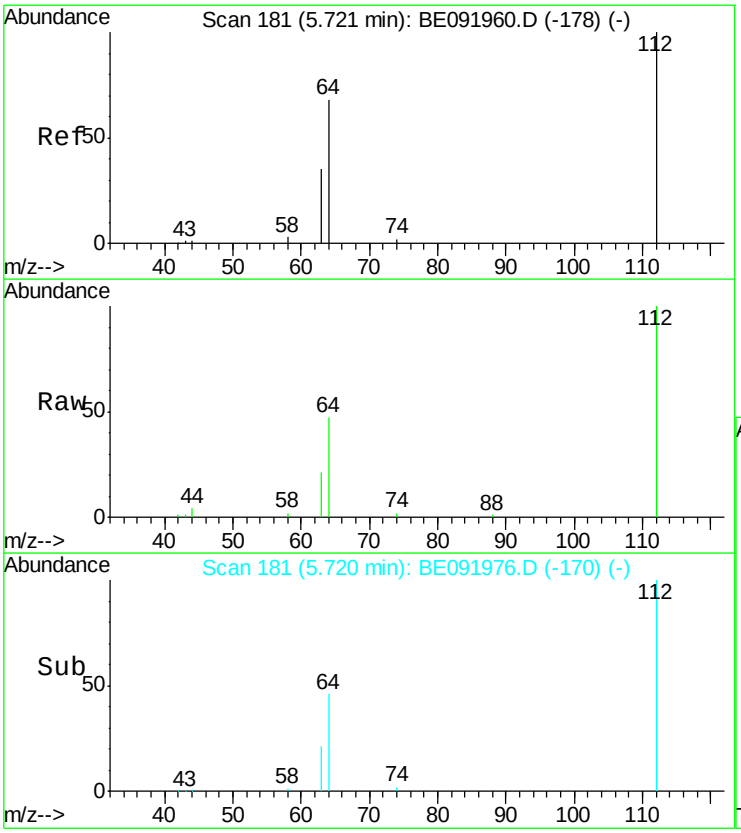
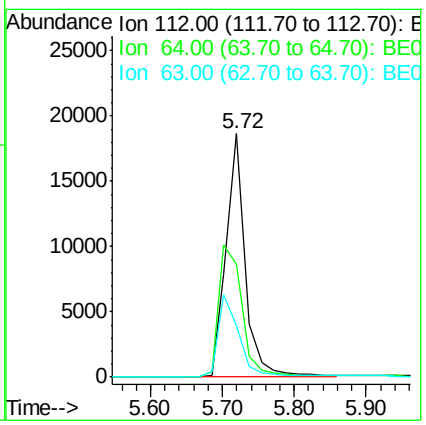
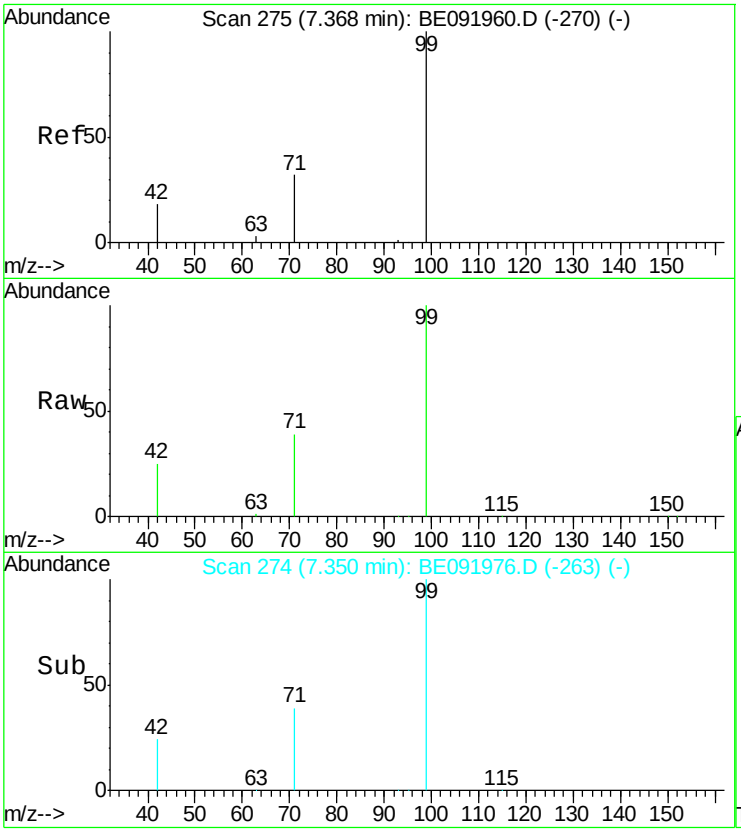


#4
2-Fluorophenol
Concen: 6.27 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:112 Resp: 34079

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.7	80.5
63	36.1	29.5	44.3

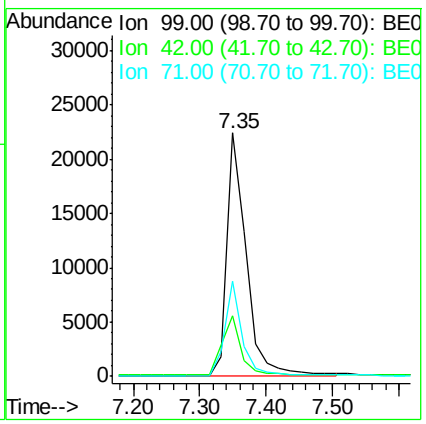




#5
Phenol-d6
Concen: 6.01 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 99 Resp: 45390

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.6	29.4
71	35.2	28.1	42.1



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations
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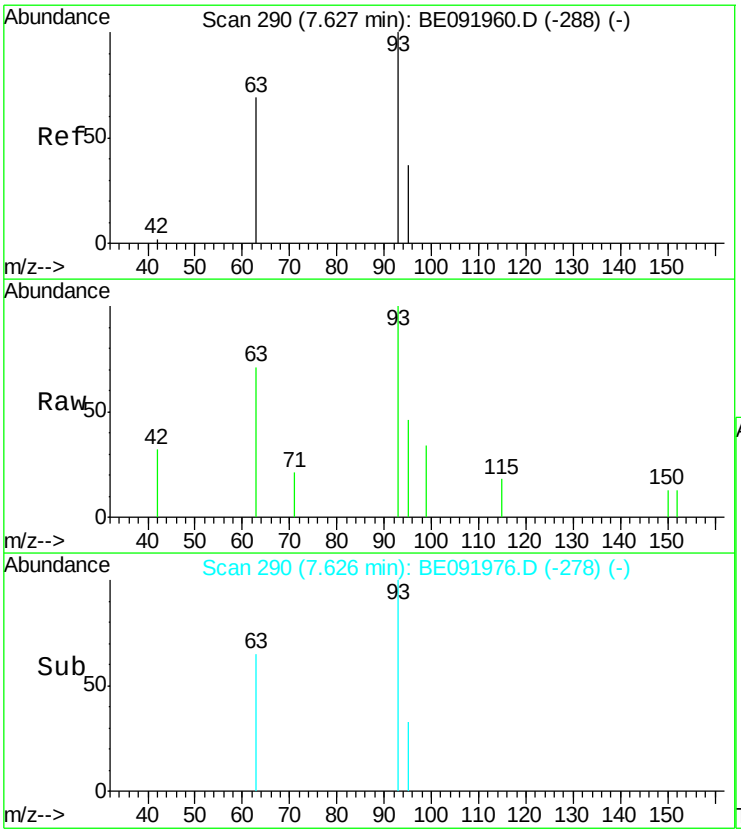
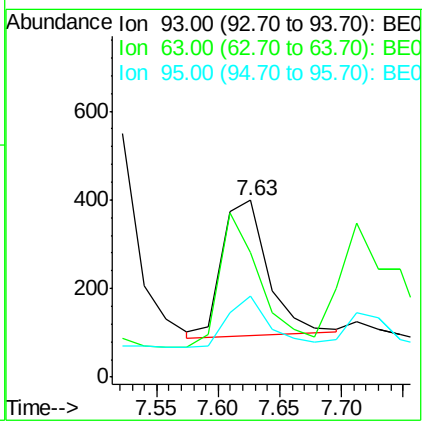
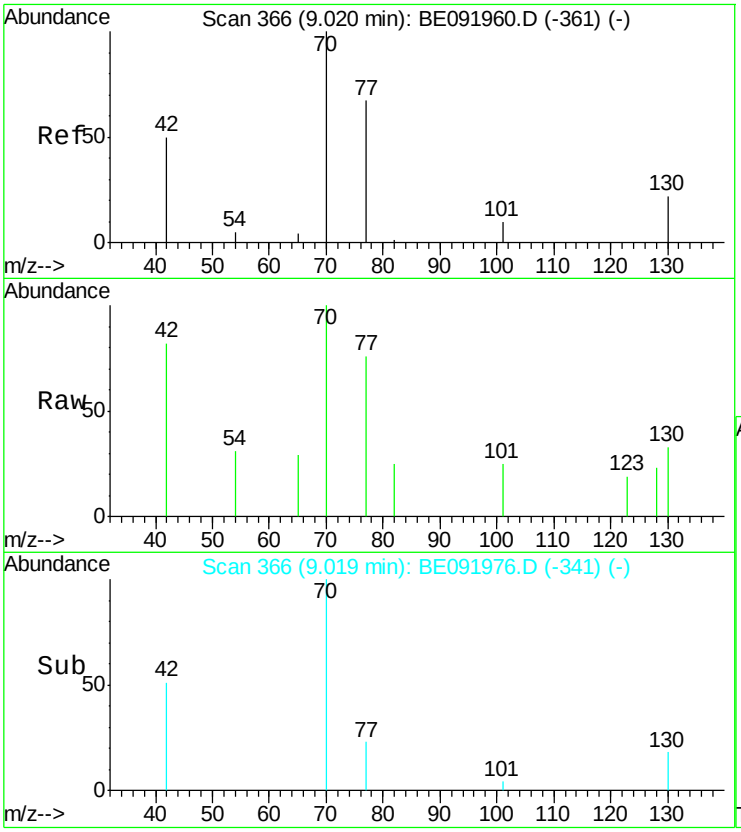


#6
bis(2-Chloroethyl)ether
Concen: 0.12 ng
RT: 7.63 min Scan# 290
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 93 Resp: 808

Ion	Ratio	Lower	Upper
93	100		
63	88.9	66.2	99.4
95	33.5	25.5	38.3

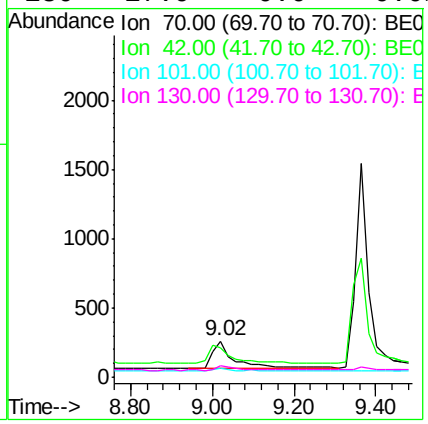




#7
n-Nitroso-di-n-propylamine
Concen: 0.12 ng
RT: 9.02 min Scan# 366
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 70 Resp: 778

Ion	Ratio	Lower	Upper
70	100		
42	69.5	58.4	87.6
101	6.0	6.4	9.6#
130	17.9	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations
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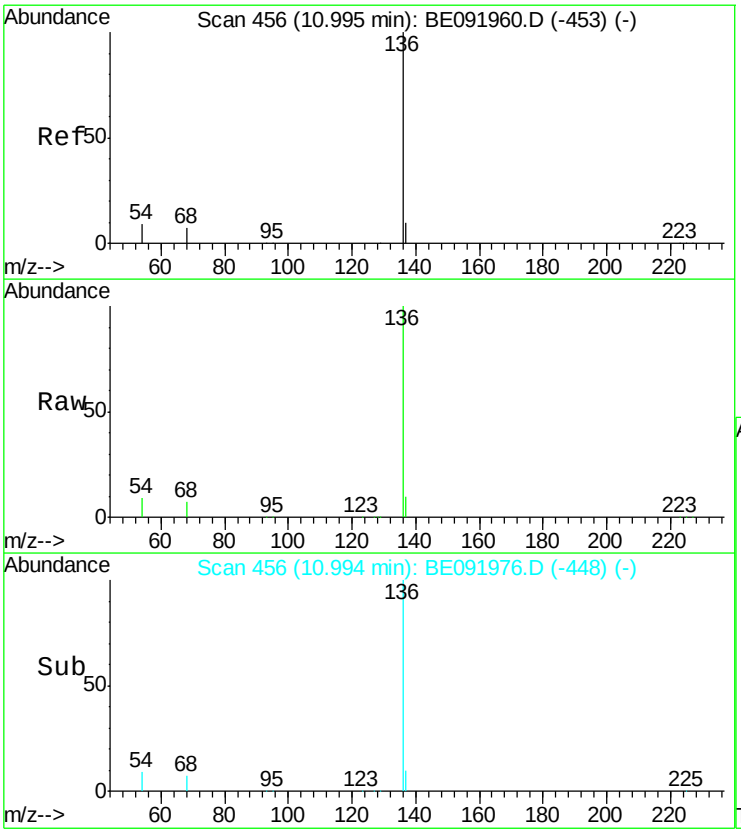
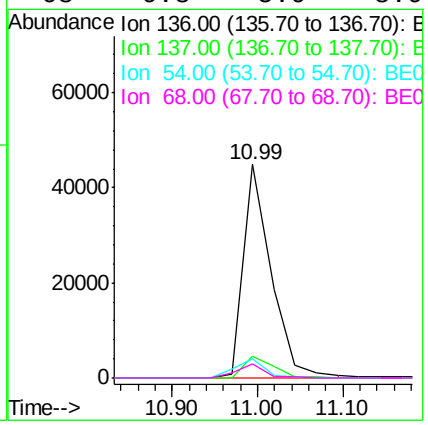
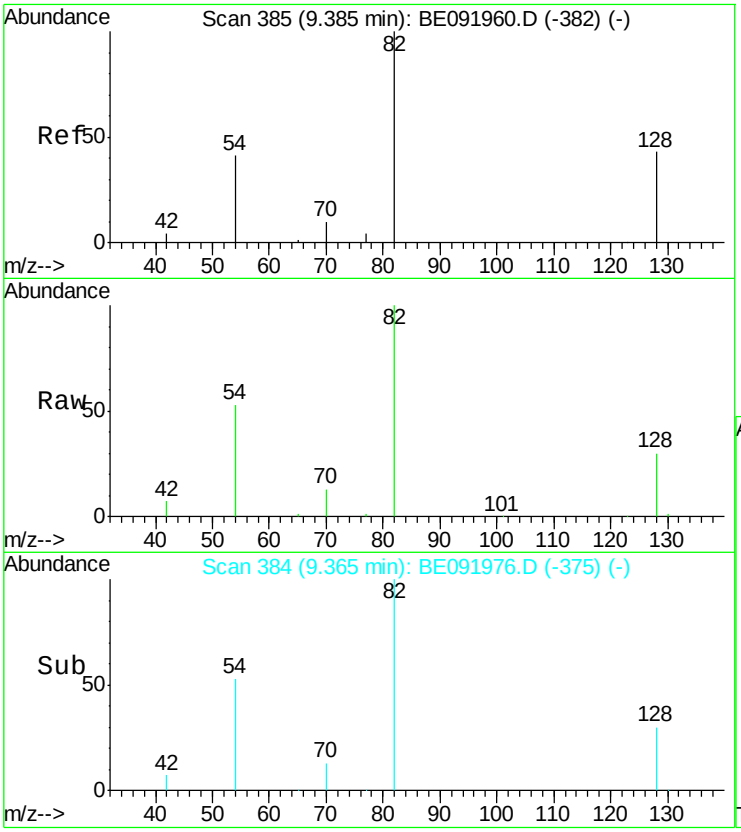


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:136 Resp: 102454

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	9.2	8.2	12.4
68	6.8	5.9	8.9

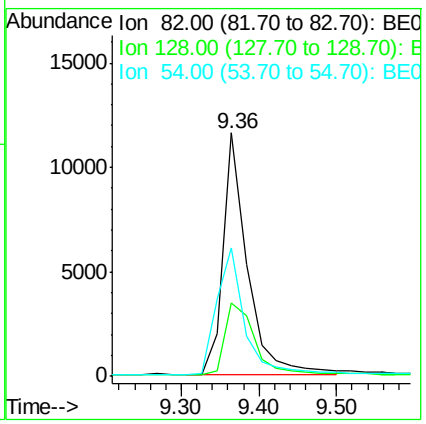




#9
Nitrobenzene-d5
Concen: 3.69 ng
RT: 9.36 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 82 Resp: 25772

Ion	Ratio	Lower	Upper
82	100		
128	30.0	39.5	59.3#
54	52.8	30.3	45.5#



Instrument :
BNA_E
ClientSampleId :
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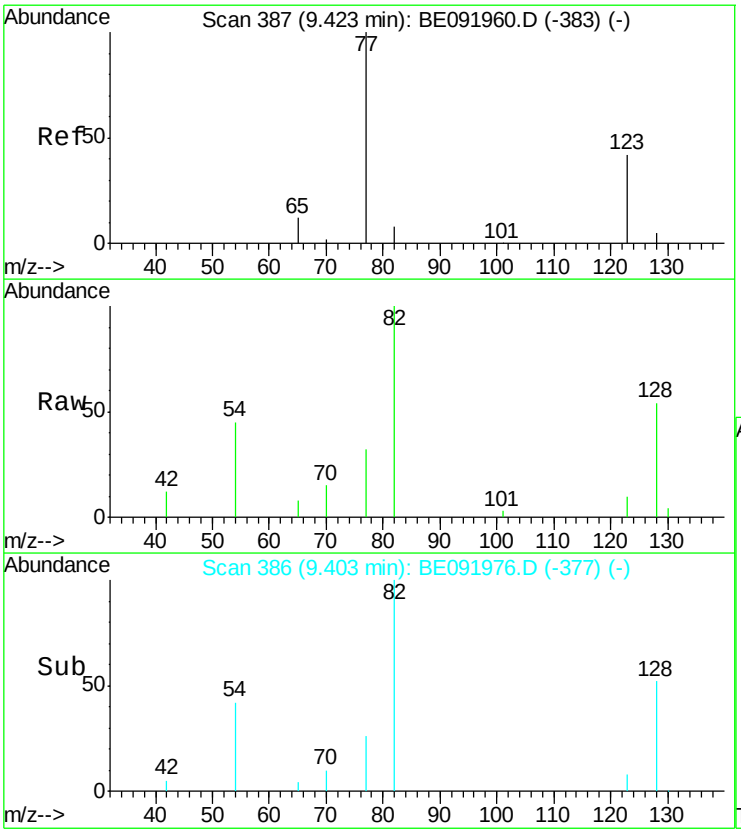
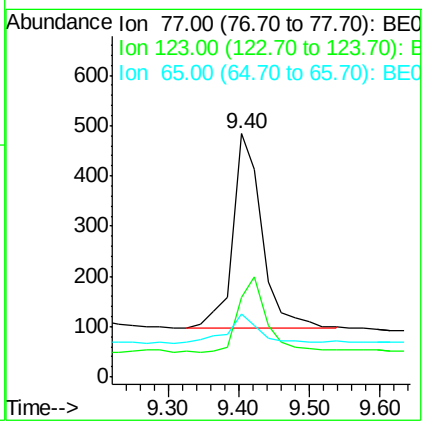
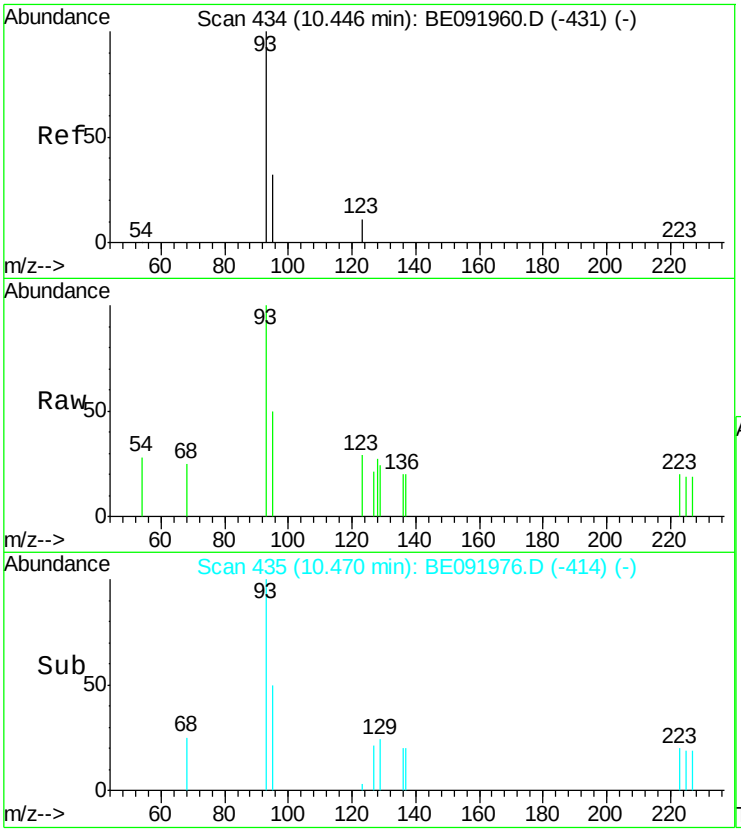


#10
Nitrobenzene
Concen: 0.15 ng
RT: 9.40 min Scan# 386
Delta R.T. -0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 77 Resp: 1133

Ion	Ratio	Lower	Upper
77	100		
123	36.8	0.0	0.0#
65	17.1	11.1	16.7#

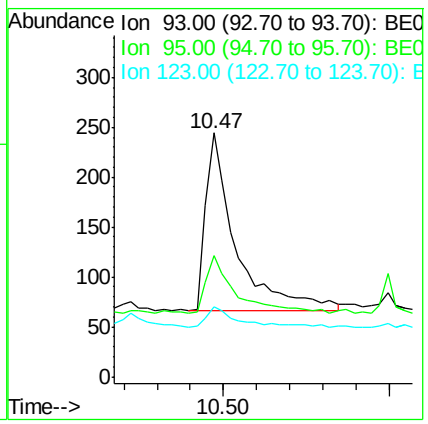




#11
bis(2-Chloroethoxy)methane
Concen: 0.13 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion: 93 Resp: 1126

Ion	Ratio	Lower	Upper
93	100		
95	32.9	57.6	86.4#
123	11.3	100.2	150.4#



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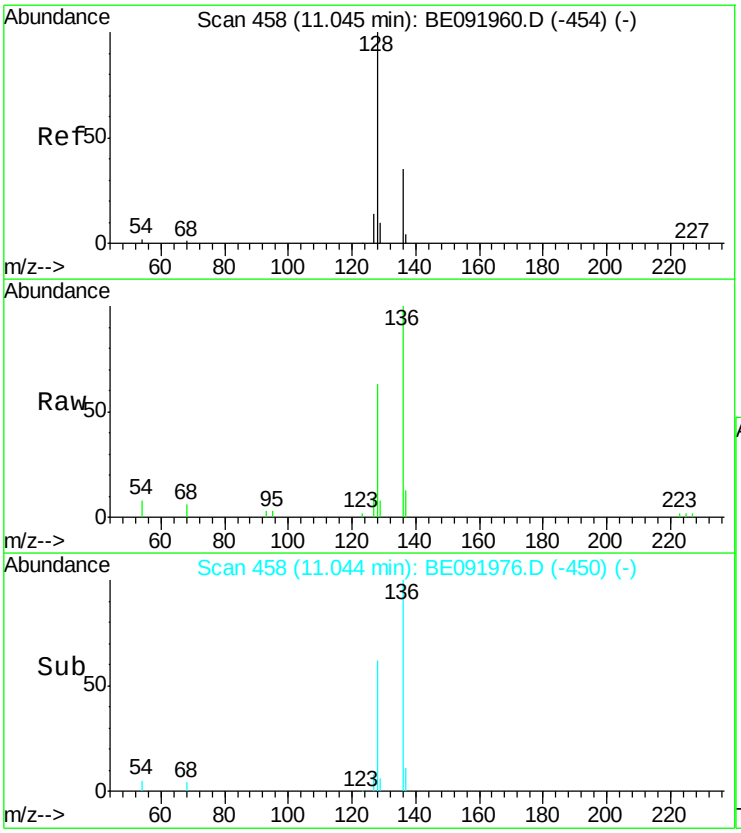
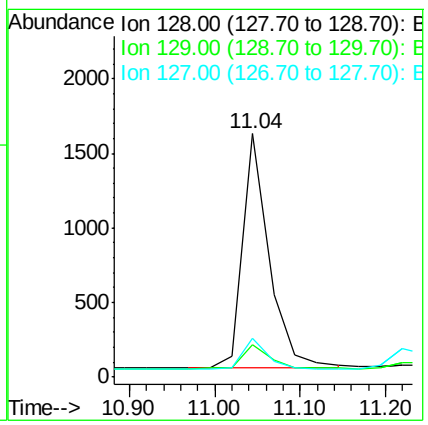
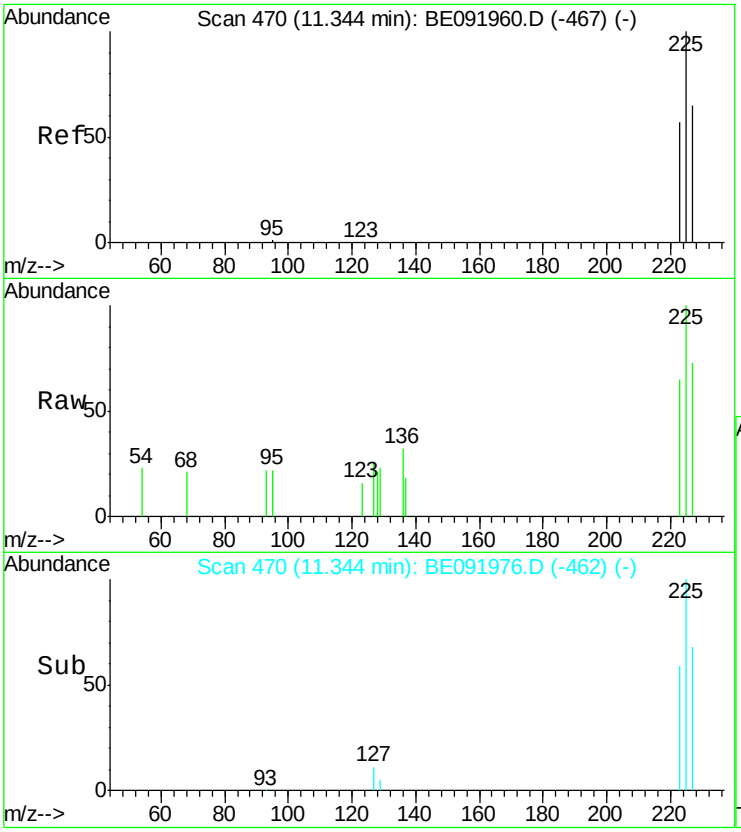


#12
Naphthalene
Concen: 0.14 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:128 Resp: 3418

Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.4	15.6
127	16.2	10.2	15.2#

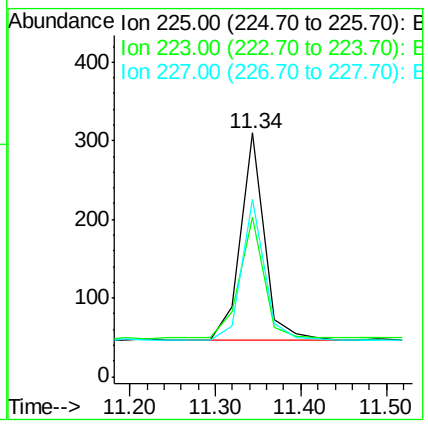




#13
Hexachlorobutadiene
Concen: 0.14 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:225 Resp: 519

Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.8	74.8
227	63.2	50.6	75.8



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

Manual Integrations
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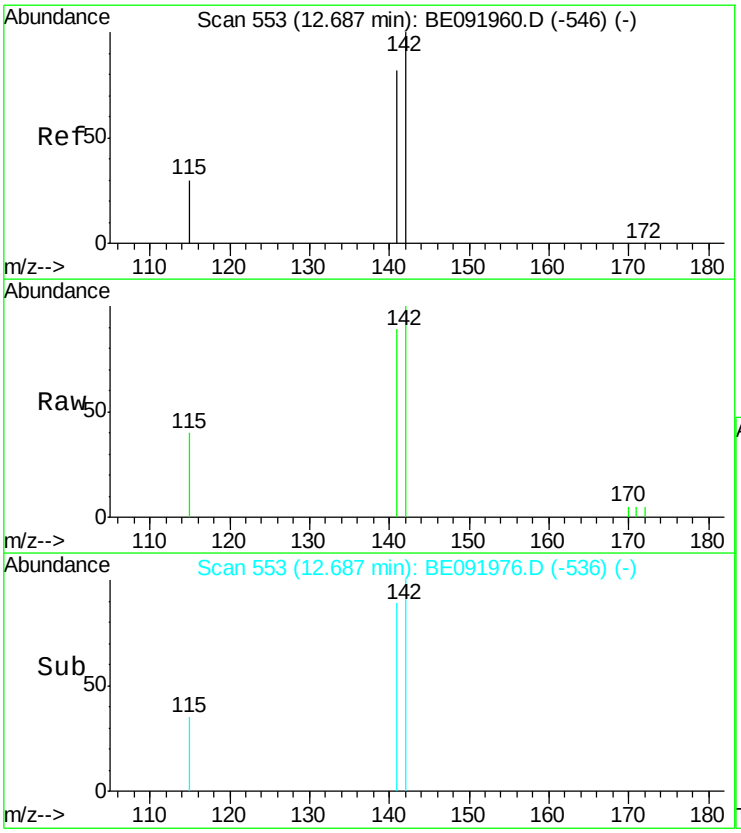
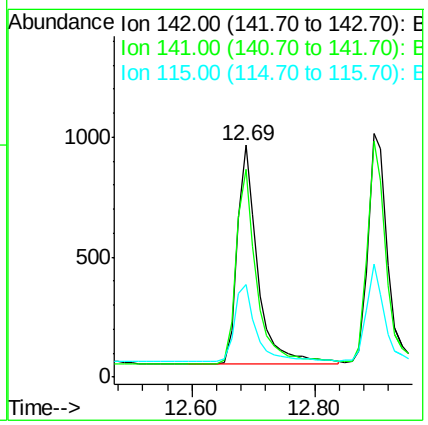
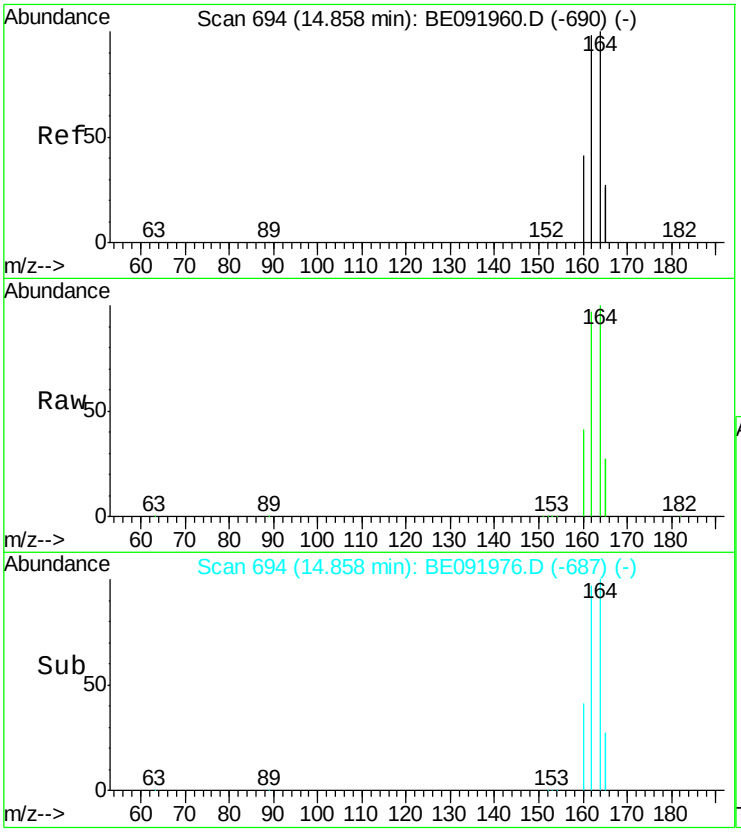


#14
2-Methylnaphthalene
Concen: 0.14 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:142 Resp: 2146

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	40.0	29.9	44.9

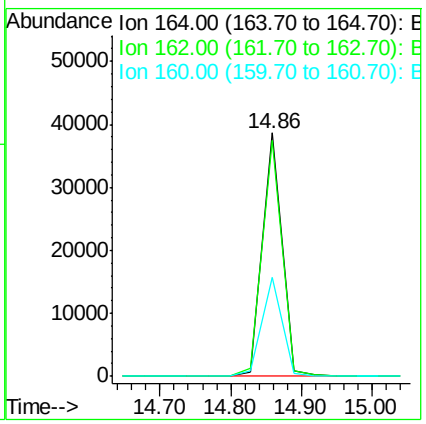




#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:164 Resp: 73020

Ion	Ratio	Lower	Upper
164	100		
162	96.7	71.8	107.8
160	40.8	28.0	42.0



Instrument :
BNA_E
ClientSampleId :
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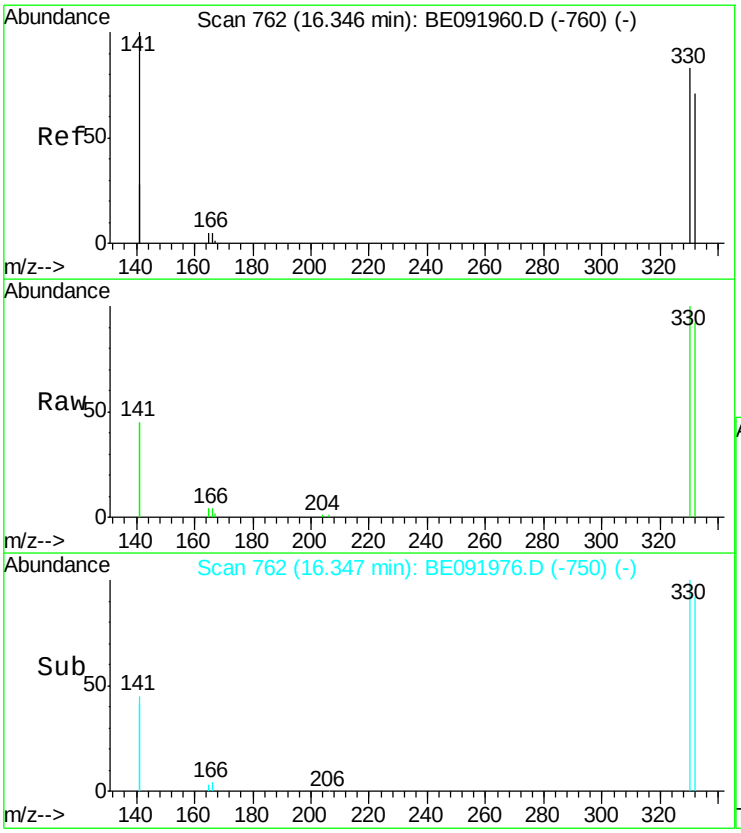
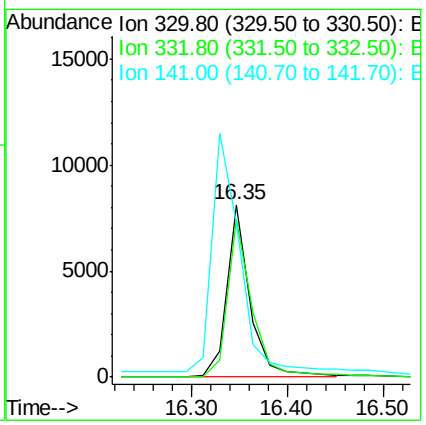
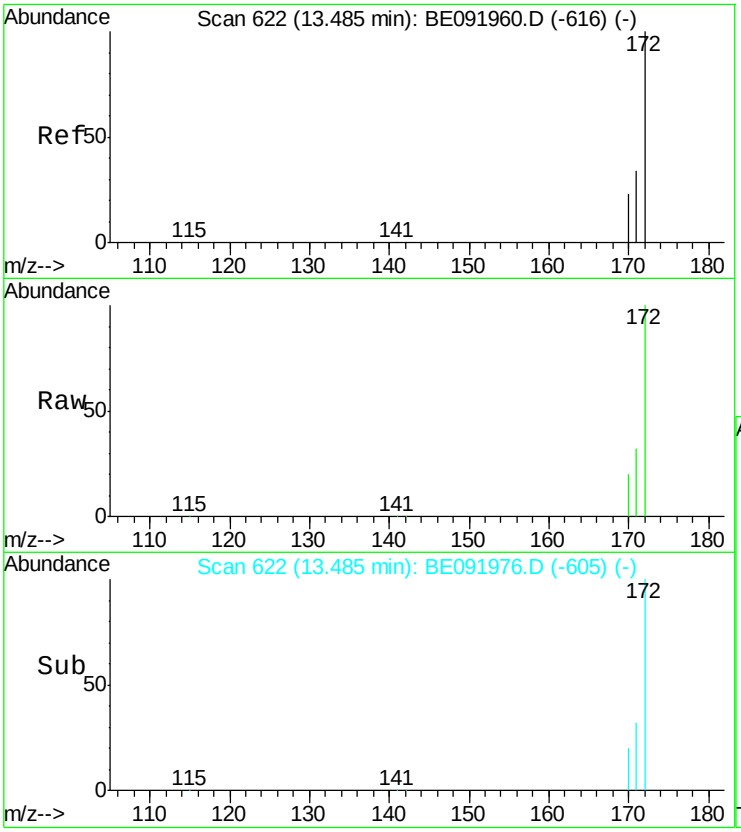


#16
2,4,6-Tribromophenol
Concen: 5.12 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:330 Resp: 13248

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	167.4	138.4	207.6

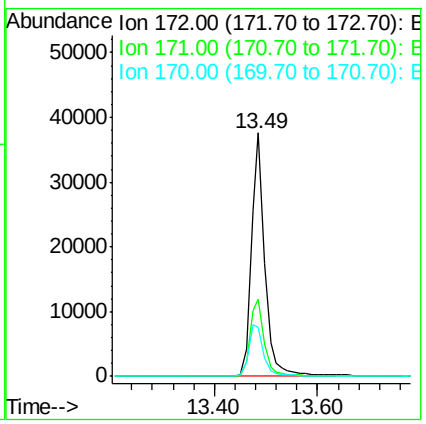




#17
2-Fluorobiphenyl
Concen: 3.76 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:172 Resp: 66903

Ion	Ratio	Lower	Upper
172	100		
171	31.6	24.3	36.5
170	20.1	14.9	22.3



Instrument :
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ClientSampleId :
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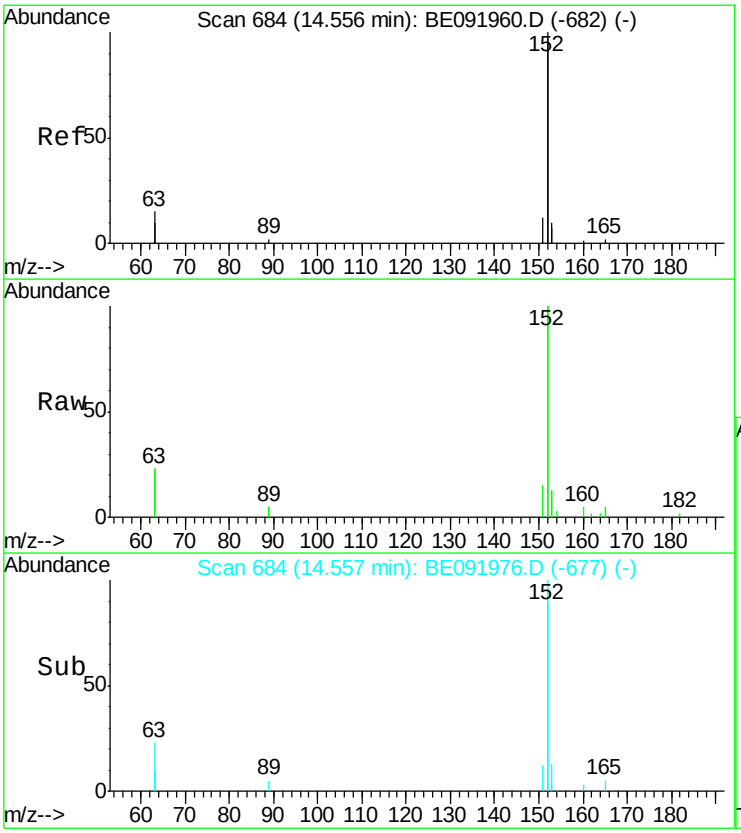
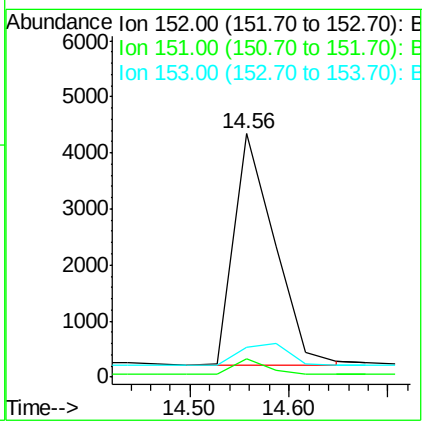
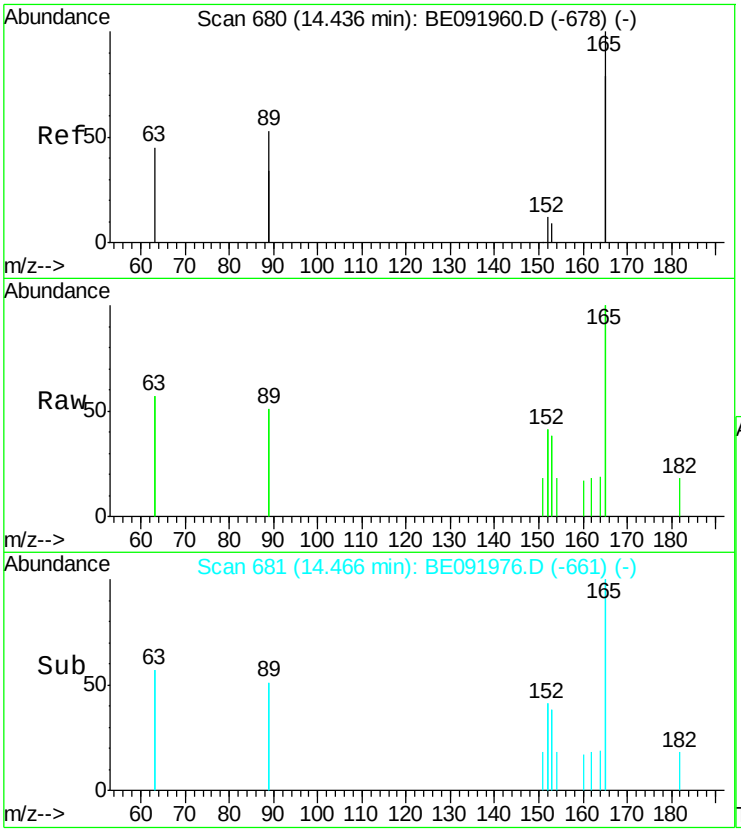


#18
Acenaphthylene
Concen: 0.13 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:152 Resp: 11885

Ion	Ratio	Lower	Upper
152	100		
151	5.5	19.4	29.2#
153	0.0	14.4	21.6#

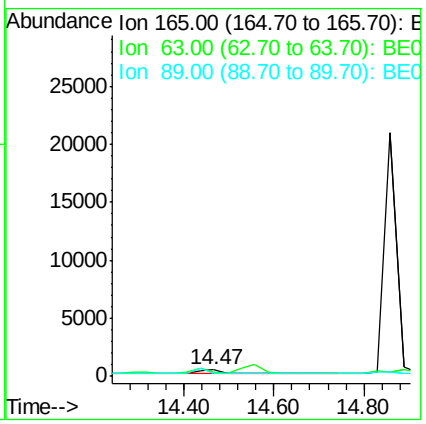




#19
2,6-Dinitrotoluene
Concen: 0.19 ng
RT: 14.47 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:165 Resp: 1212

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#



Instrument :
BNA_E
ClientSampleId :
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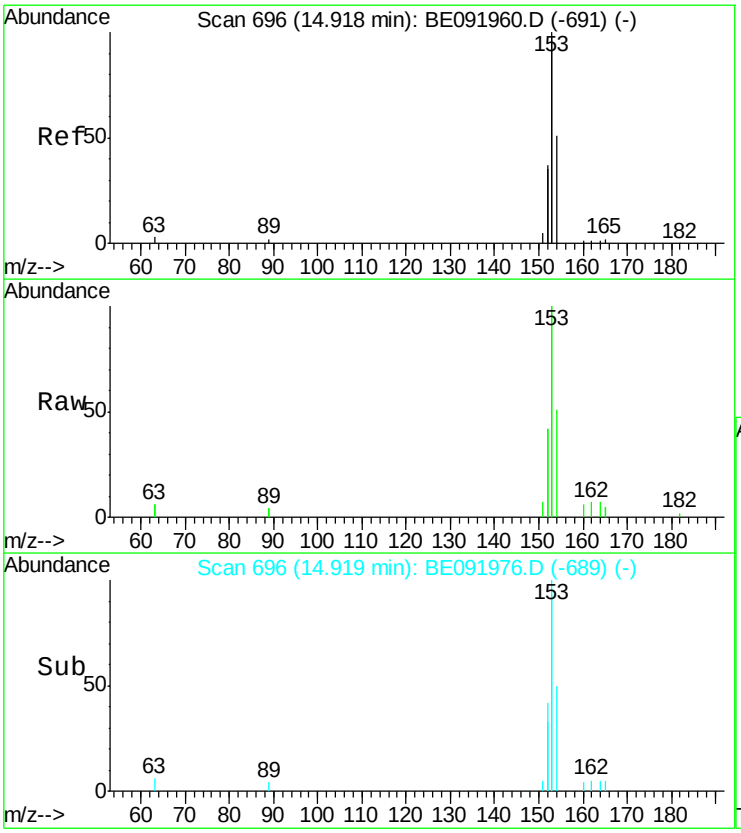
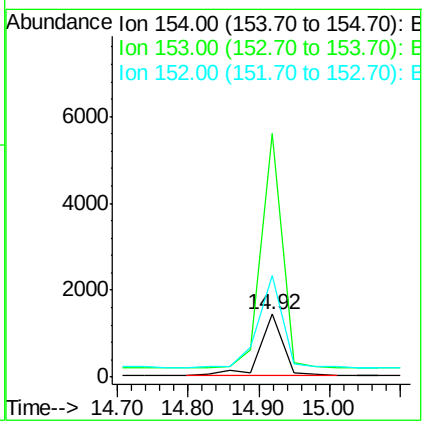
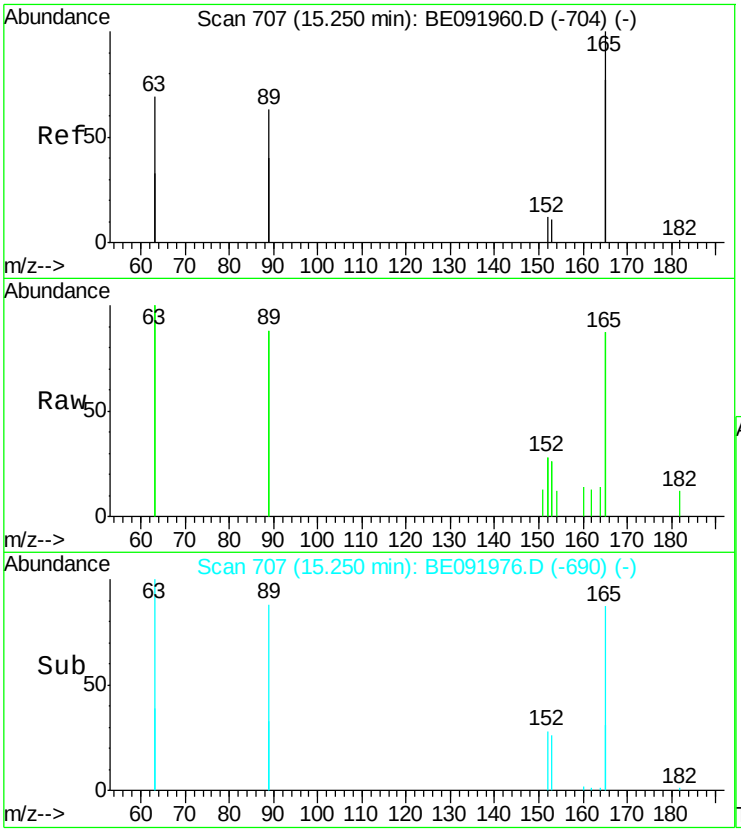


#20
Acenaphthene
Concen: 0.15 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:154 Resp: 2929

Ion	Ratio	Lower	Upper
154	100		
153	374.4	88.1	132.1#
152	167.0	44.2	66.2#

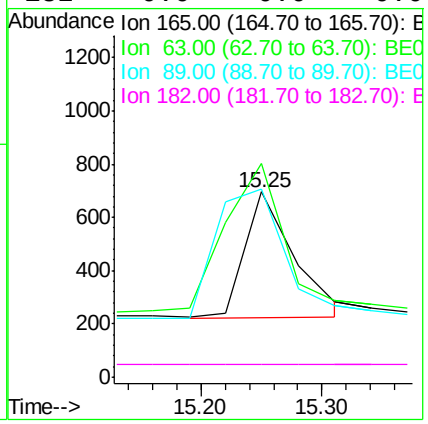




#21
2,4-Dinitrotoluene
Concen: 0.28 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:165 Resp: 1357

Ion	Ratio	Lower	Upper
165	100		
63	566.3	0.0	0.0#
89	505.5	99.8	149.8#
182	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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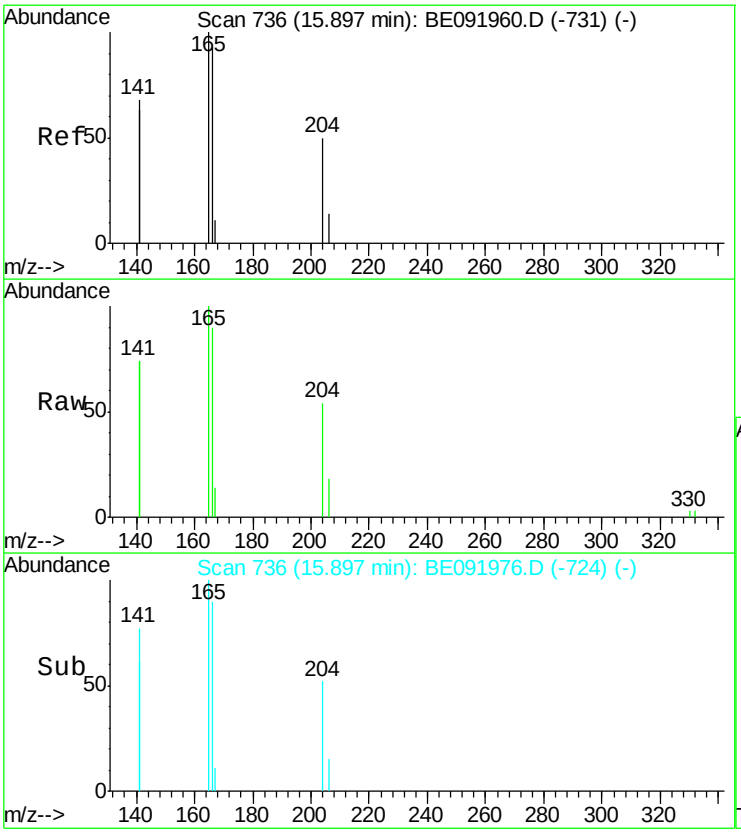
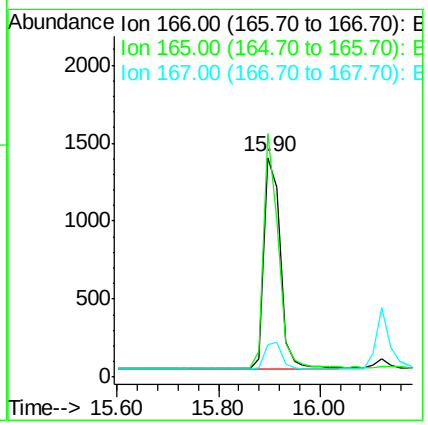
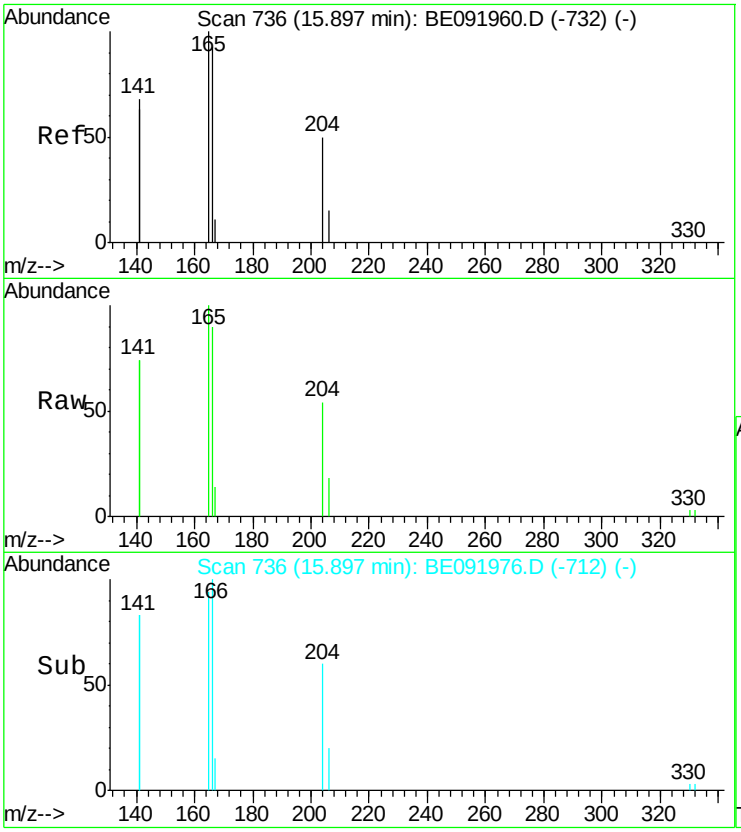


#22
Fluorene
Concen: 0.14 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:166 Resp: 3020

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.2	10.8	16.2

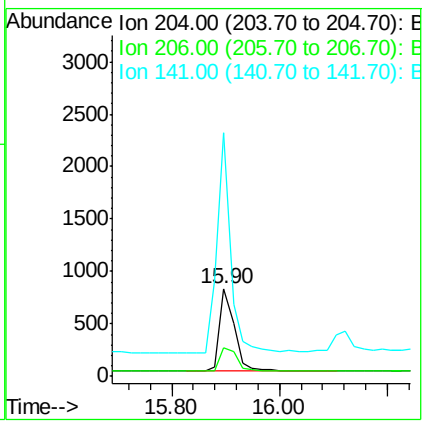




#23
4-Chlorophenyl-phenylether
Concen: 0.15 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:204 Resp: 1528

Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.8	41.6
141	243.3	197.6	296.4



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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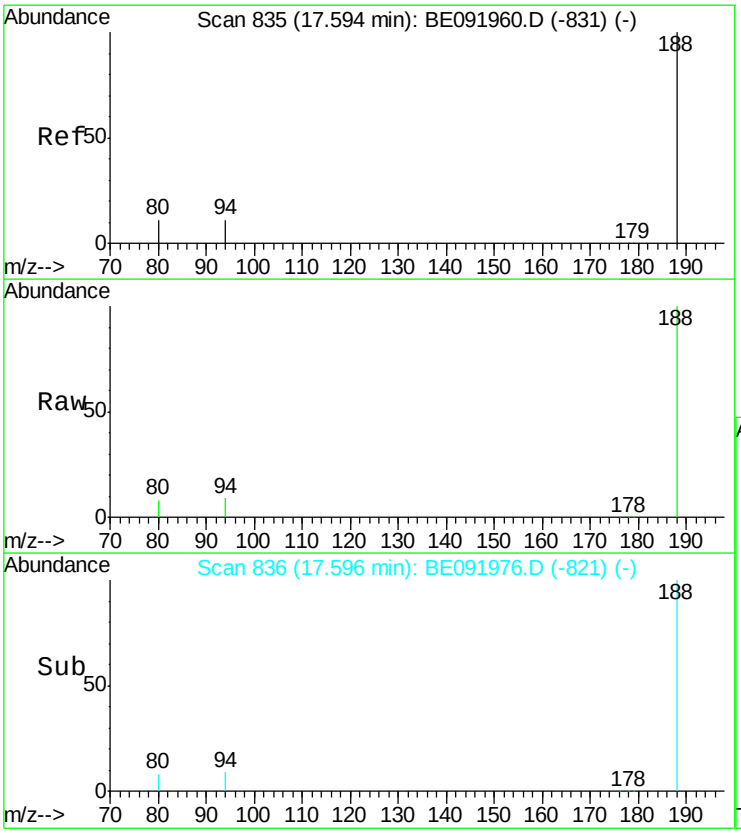
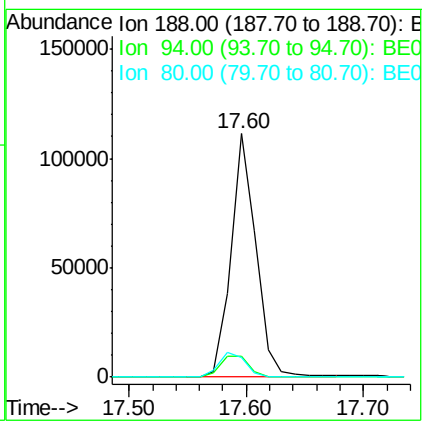
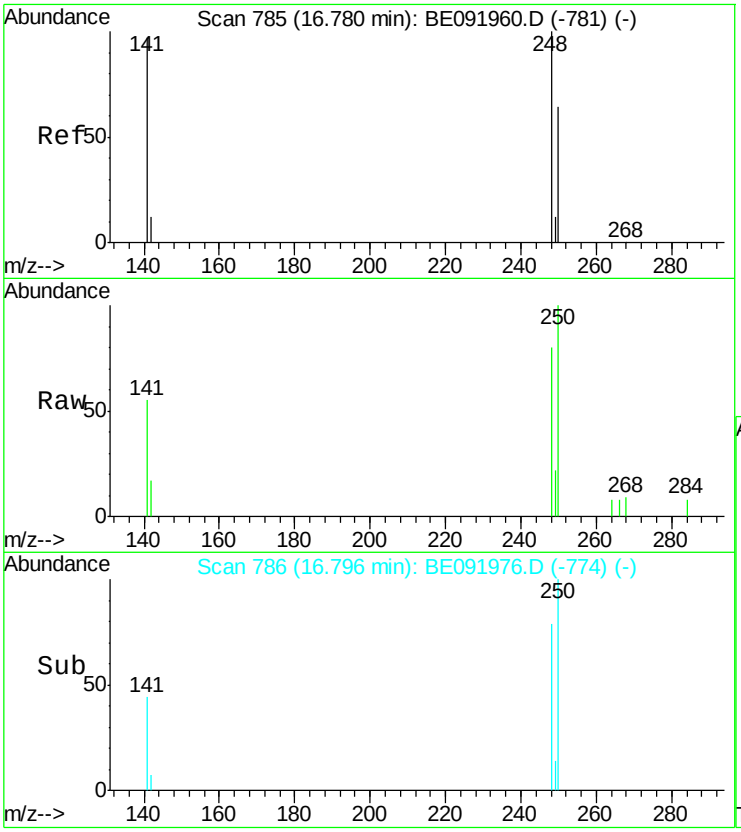


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.60 min Scan# 836
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:188 Resp: 164810

Ion	Ratio	Lower	Upper
188	100		
94	8.5	4.1	6.1#
80	8.2	3.4	5.2#

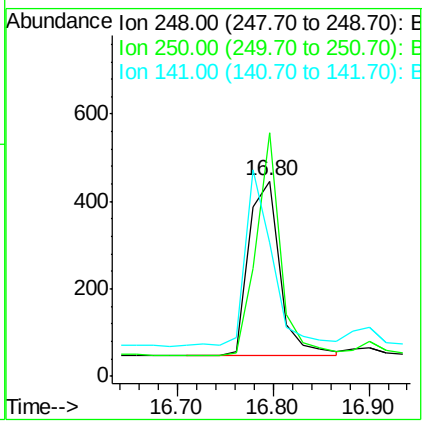




#25
4-Bromophenyl-phenylether
Concen: 0.13 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:248 Resp: 904

Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.7	113.5
141	87.1	64.6	97.0



Instrument :
BNA_E
ClientSampleId :
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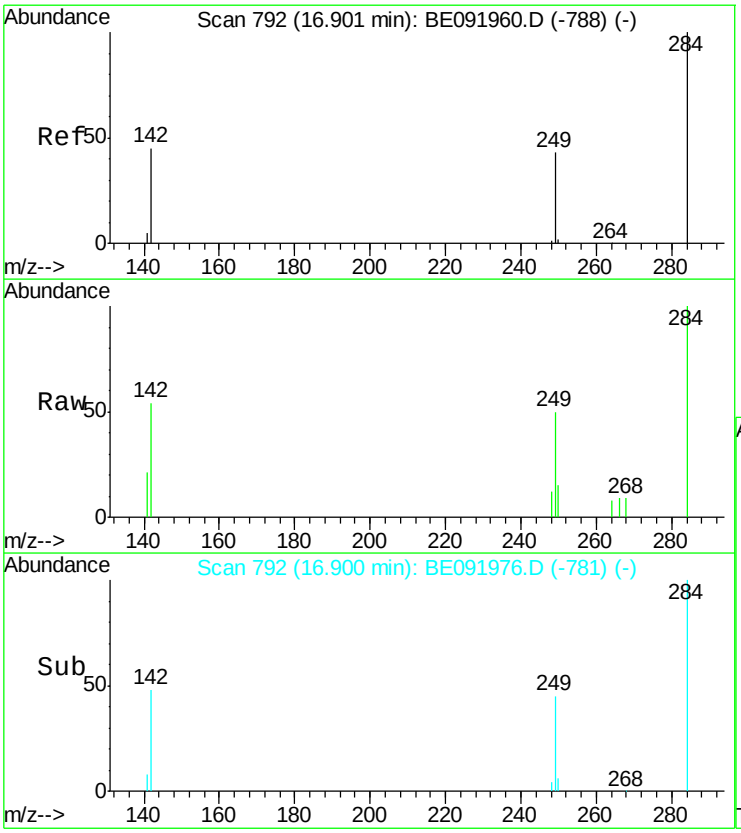
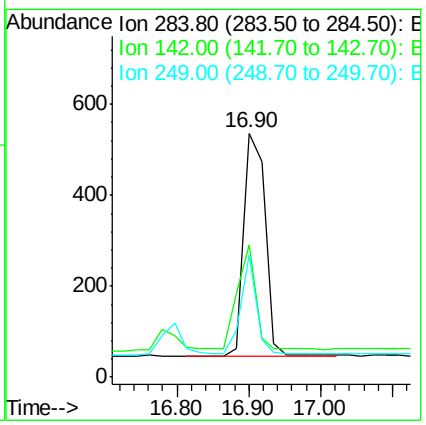
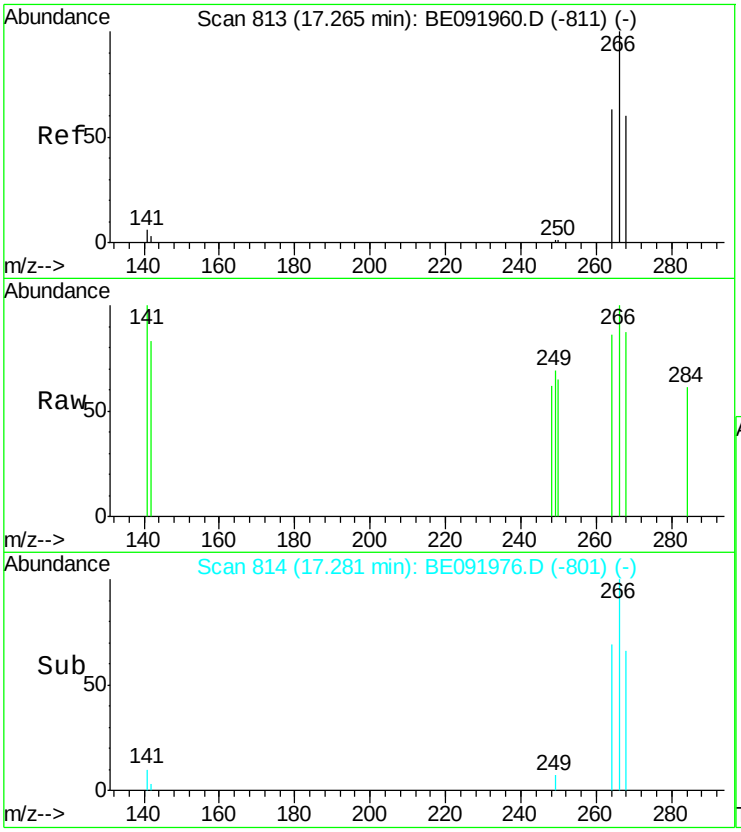


#26
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:284 Resp: 1008

Ion	Ratio	Lower	Upper
284	100		
142	40.4	31.4	47.2
249	32.0	25.3	37.9

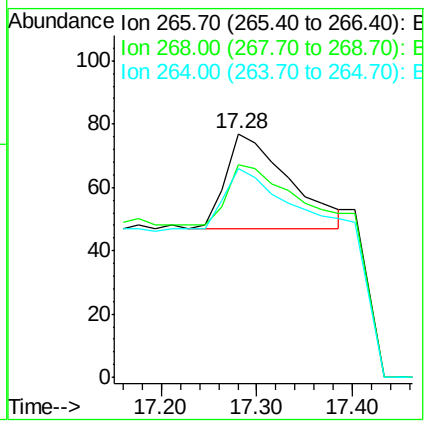




#27
Pentachlorophenol
Concen: 0.17 ng
RT: 17.28 min Scan# 814
Delta R.T. 0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
268	87.0	60.5	90.7
264	85.7	51.0	76.4#



Instrument :
BNA_E
ClientSampleId :
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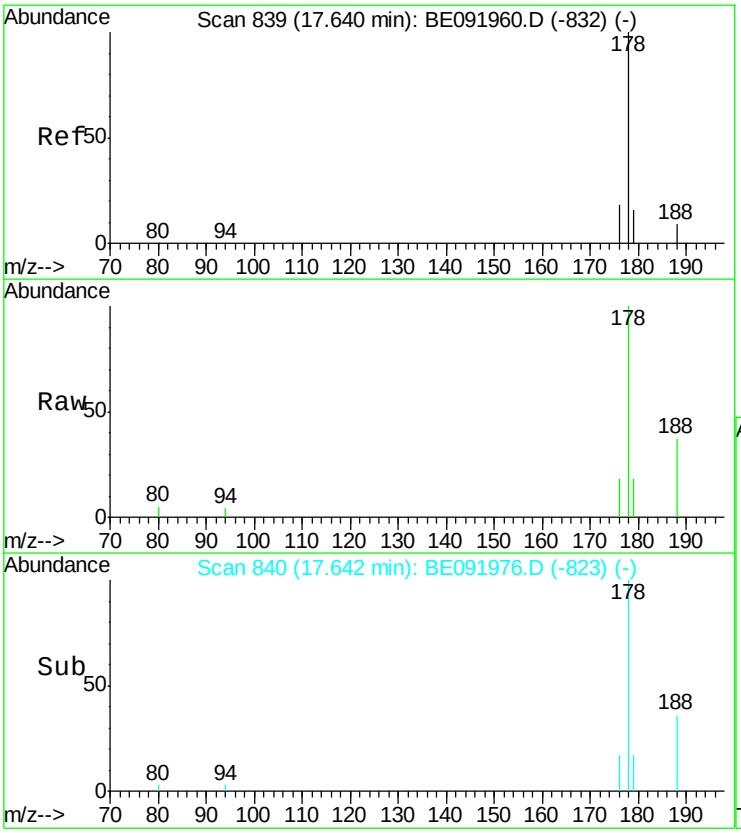
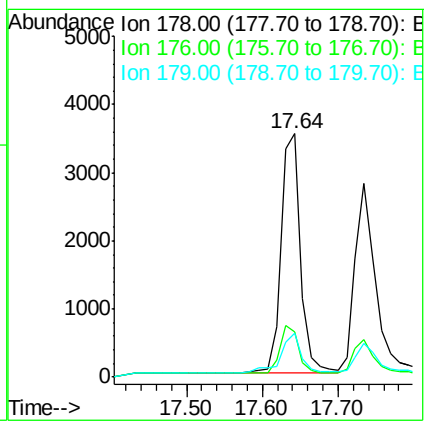
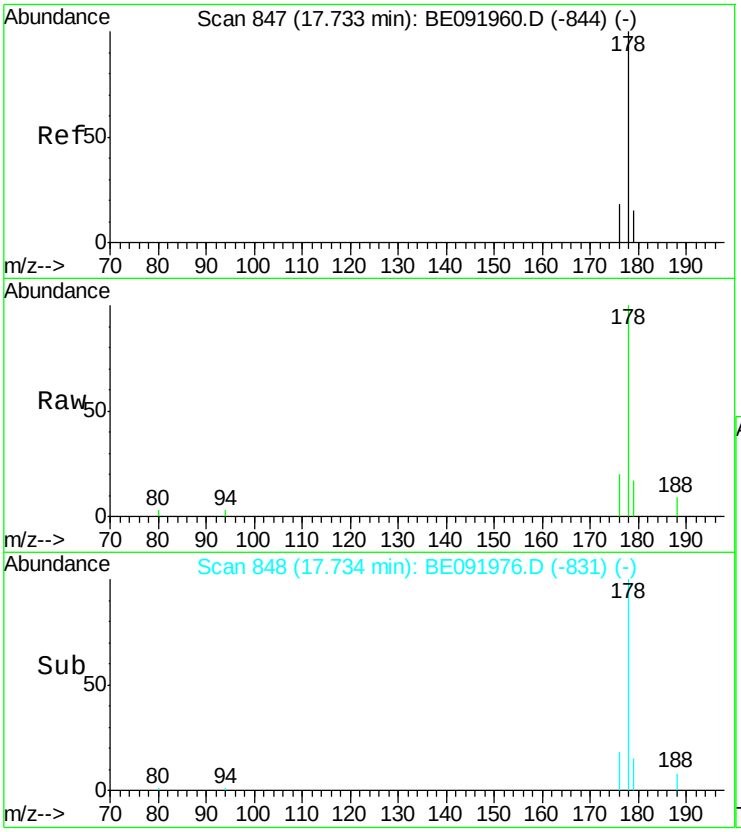


#28
Phenanthrene
Concen: 0.15 ng
RT: 17.64 min Scan# 840
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:178 Resp: 6332

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	17.7	12.9	19.3

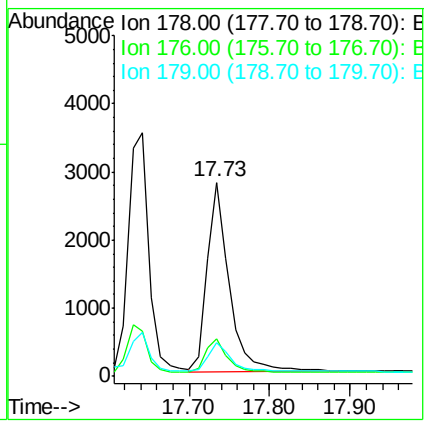




#29
Anthracene
Concen: 0.13 ng
RT: 17.73 min Scan# 848
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:178 Resp: 5285

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.2	12.1	18.1



Instrument :
BNA_E
ClientSampleId :
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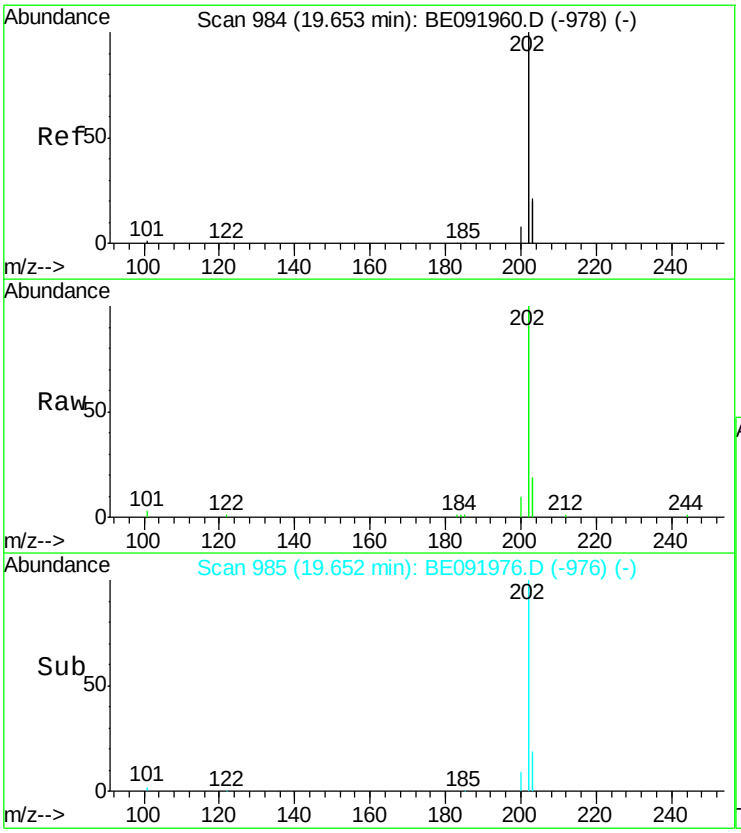
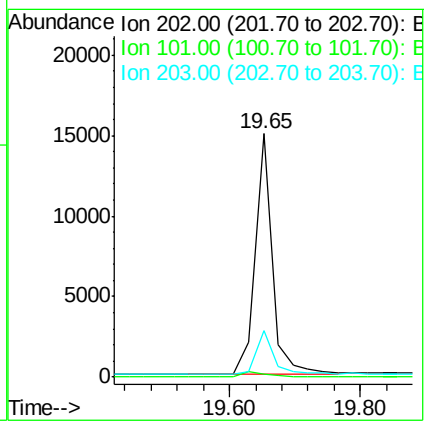
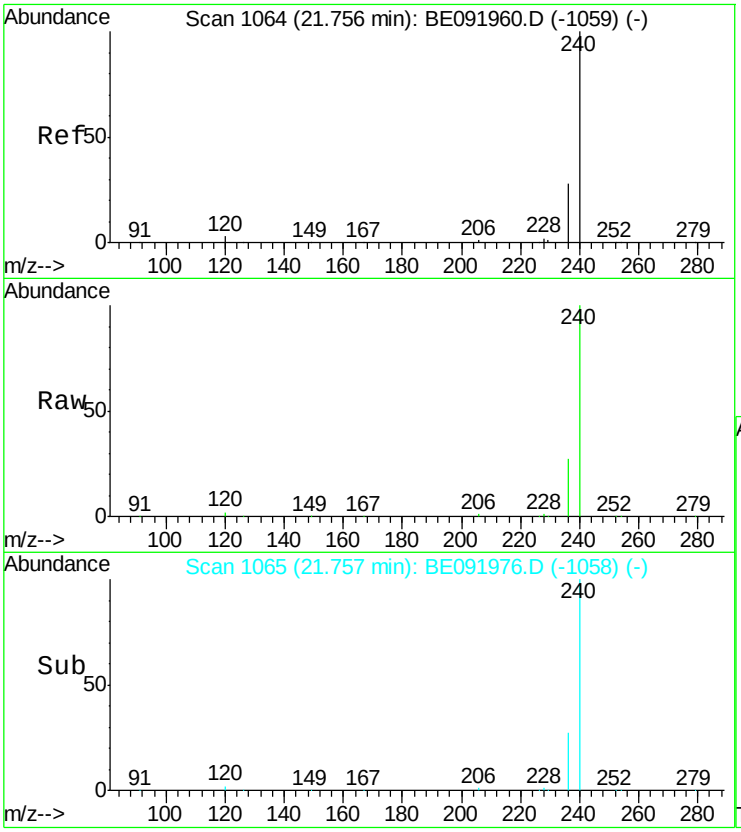


#30
Fluoranthene
Concen: 0.15 ng
RT: 19.65 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:202 Resp: 27037

Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.4	14.0#
203	17.8	14.3	21.5

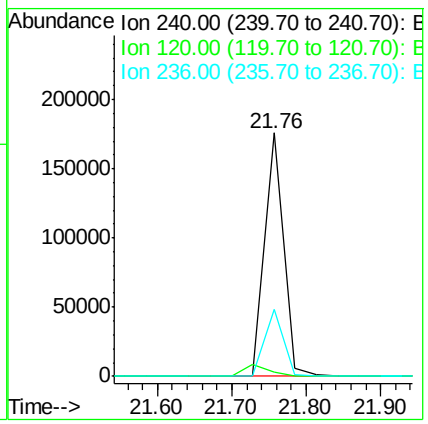




#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:240 Resp: 316489

Ion	Ratio	Lower	Upper
240	100		
120	1.6	1.2	1.8
236	27.3	19.8	29.8



Instrument :
BNA_E
ClientSampleId :
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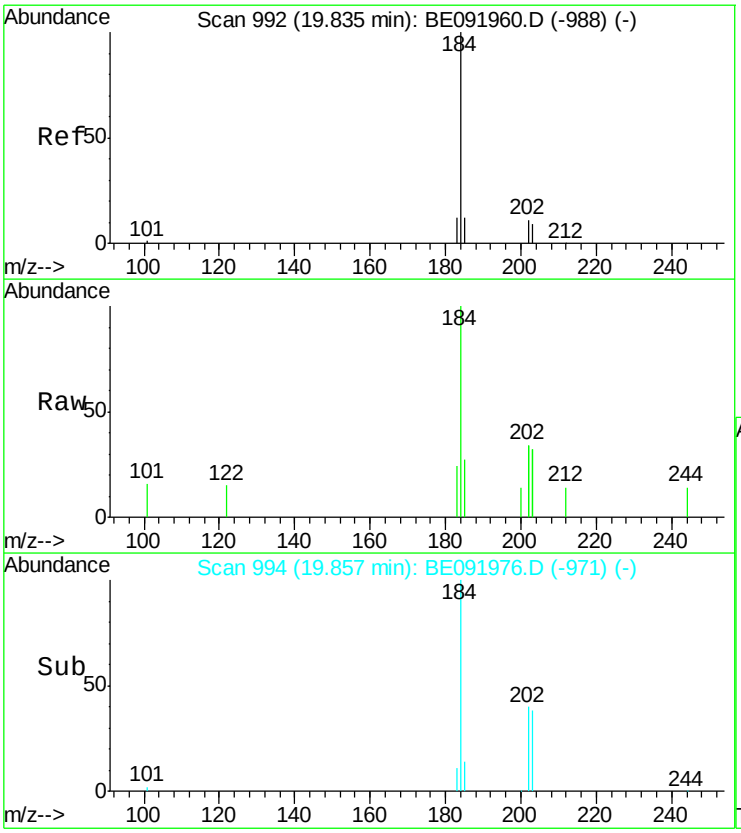
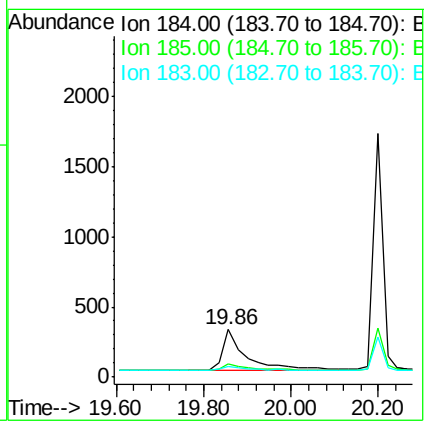
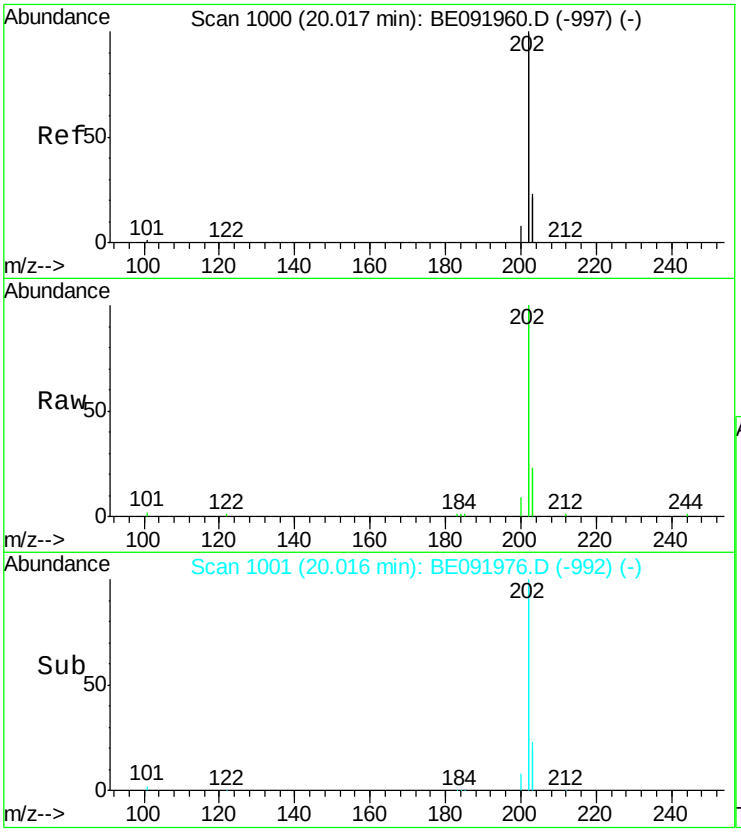


#32
Benzidine
Concen: 0.26 ng
RT: 19.86 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:184 Resp: 1130

Ion	Ratio	Lower	Upper
184	100		
185	27.1	11.4	17.2#
183	23.5	11.8	17.6#

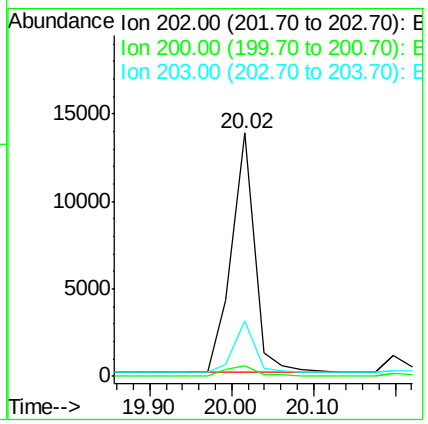




#33
Pyrene
Concen: 0.12 ng
RT: 20.02 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:202 Resp: 26828

Ion	Ratio	Lower	Upper
202	100		
200	5.3	16.9	25.3#
203	19.2	14.1	21.1



Instrument :
BNA_E
ClientSampleId :
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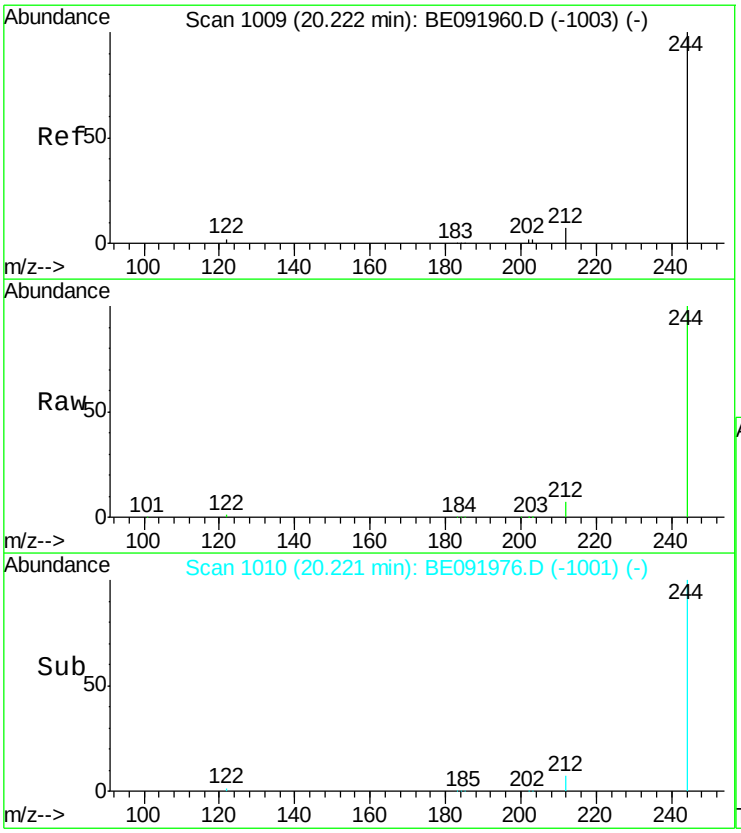
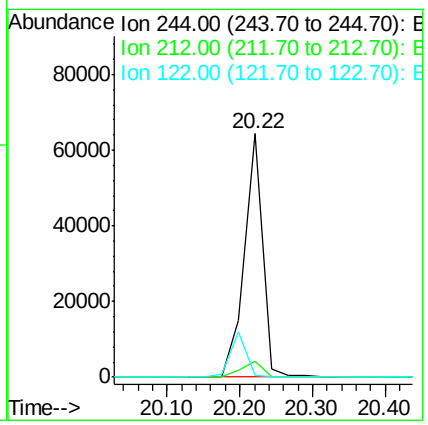
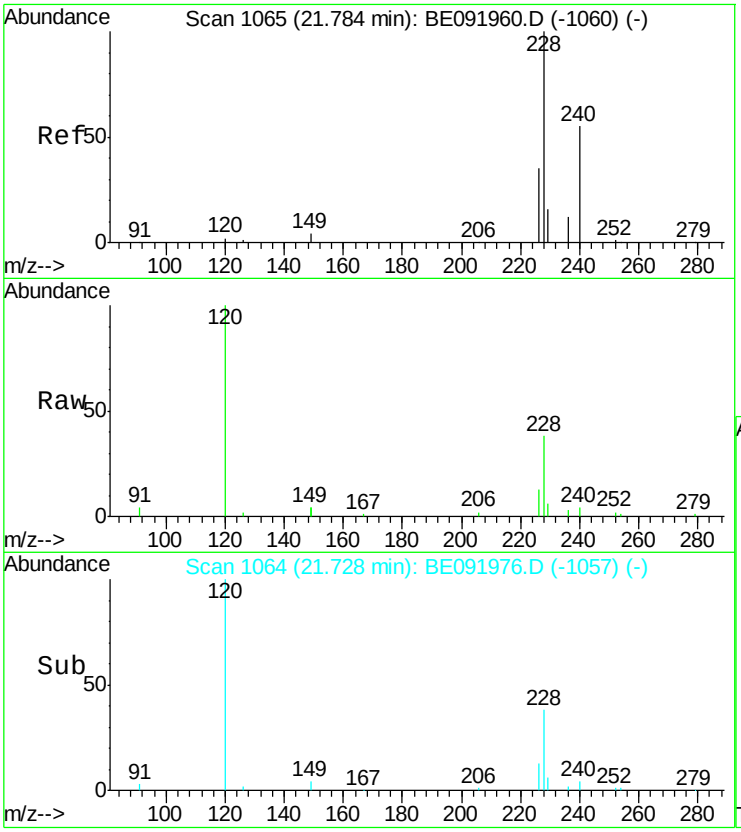


#34
Terphenyl-d14
Concen: 3.02 ng
RT: 20.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:244 Resp: 112801

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

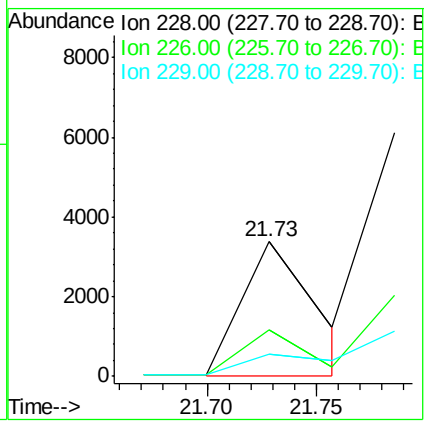




#35
Benzo(a)anthracene
Concen: 0.15 ng m
RT: 21.73 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:228 Resp: 7900

Ion	Ratio	Lower	Upper
228	100		
226	34.2	21.0	31.4#
229	16.8	15.8	23.8



Instrument :
BNA_E
ClientSampleId :
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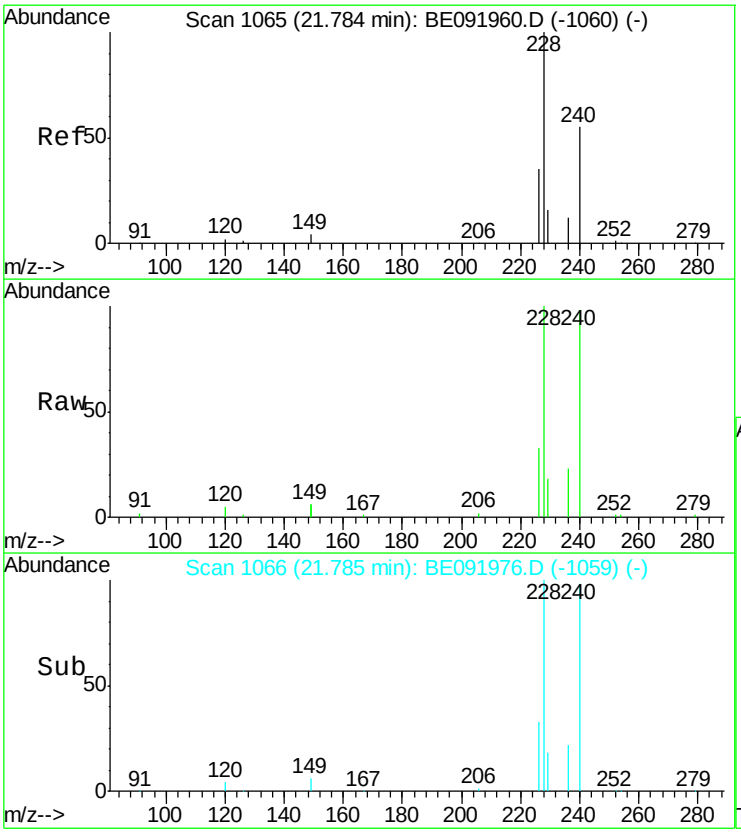
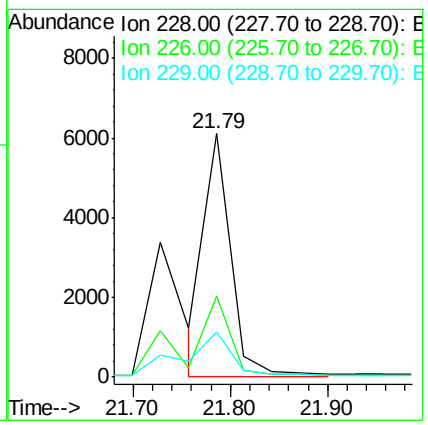
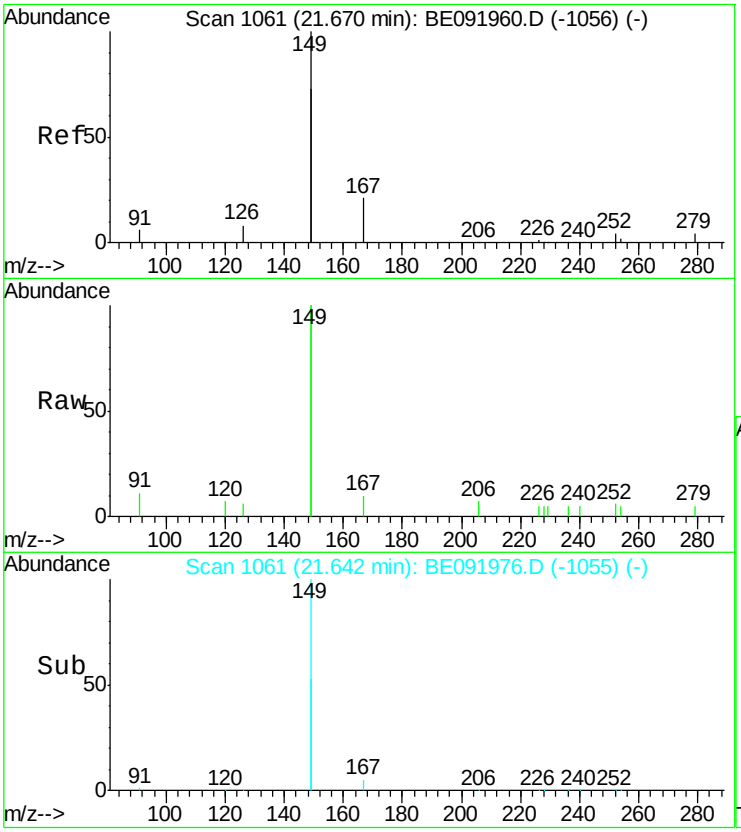


#37
Chrysene
Concen: 0.16 ng m
RT: 21.79 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:228 Resp: 11979

Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.6
229	18.4	13.8	20.8

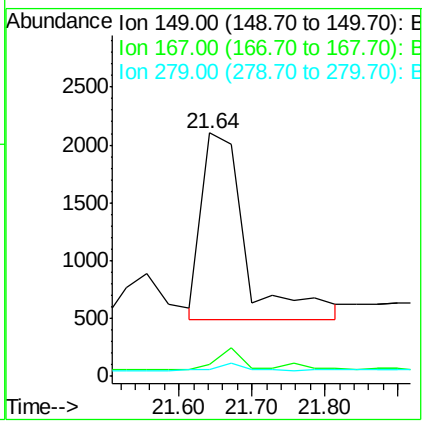




#38
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng m
RT: 21.64 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:149 Resp: 6873

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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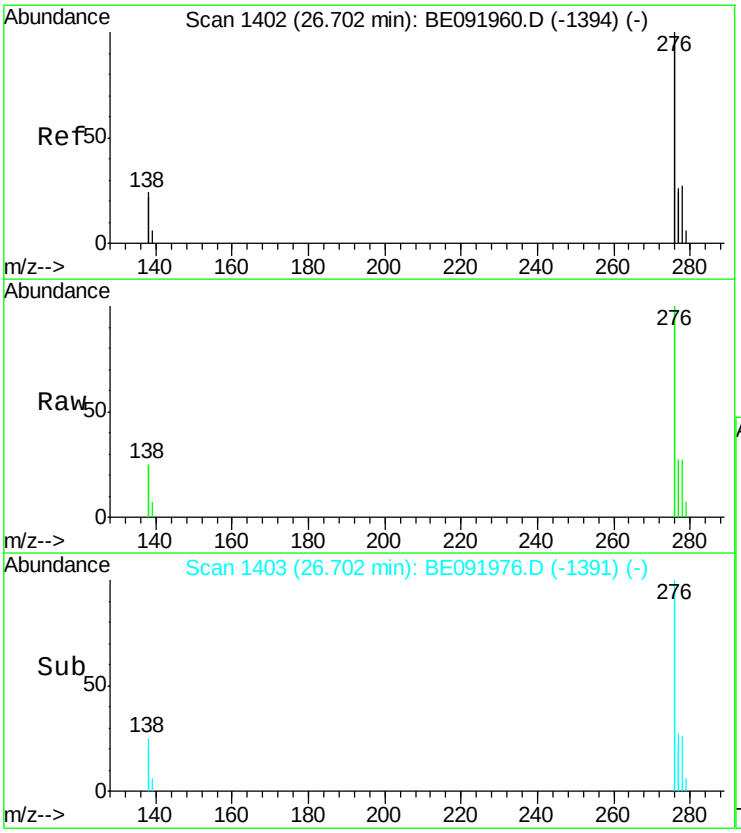
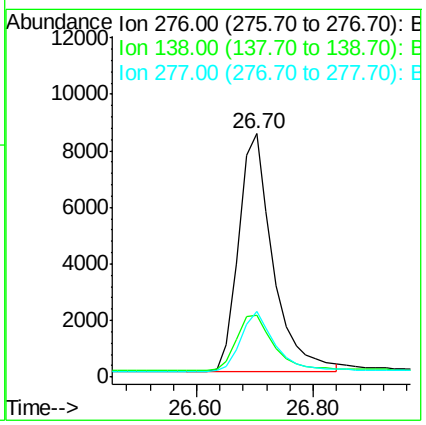
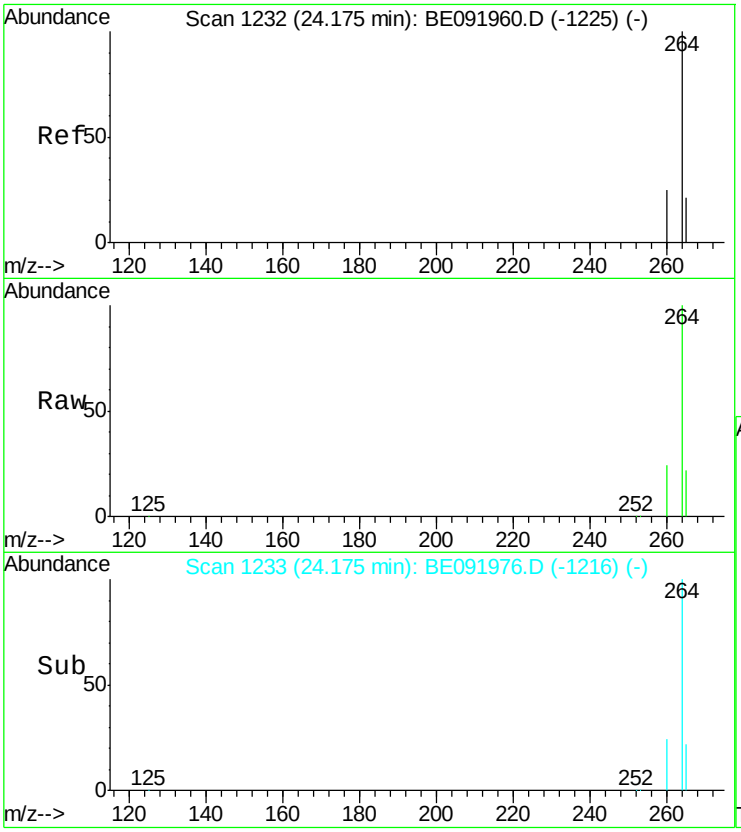


#39
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.70 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:276 Resp: 34487

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.7	29.5
277	24.6	20.1	30.1

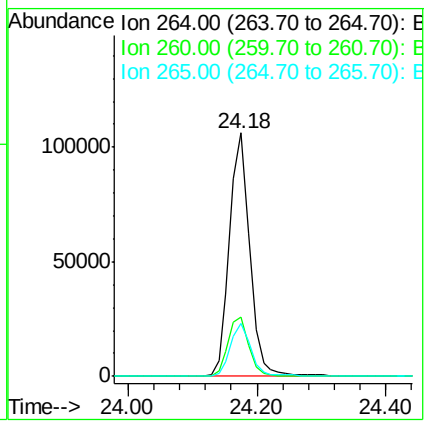




#40
Perylene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:264 Resp: 231430

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.3	30.5
265	22.0	17.6	26.4



Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2016-02

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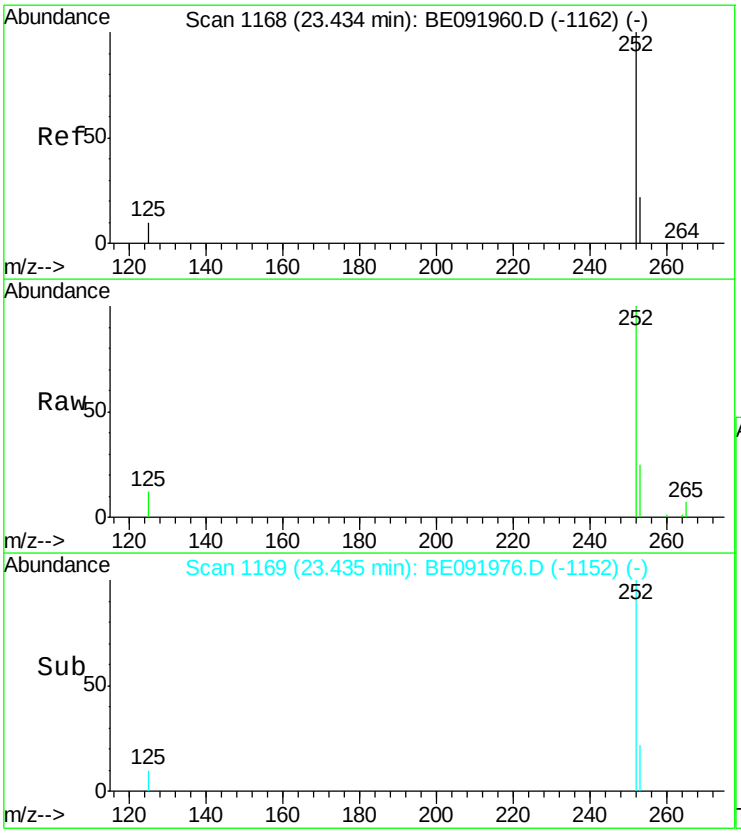
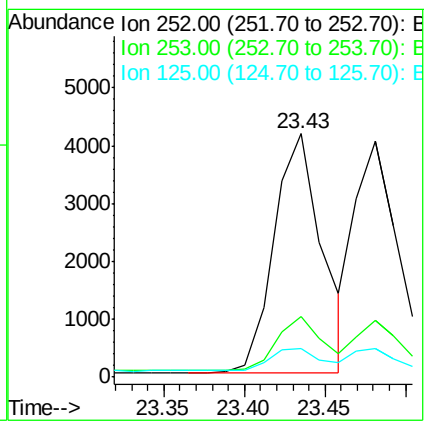
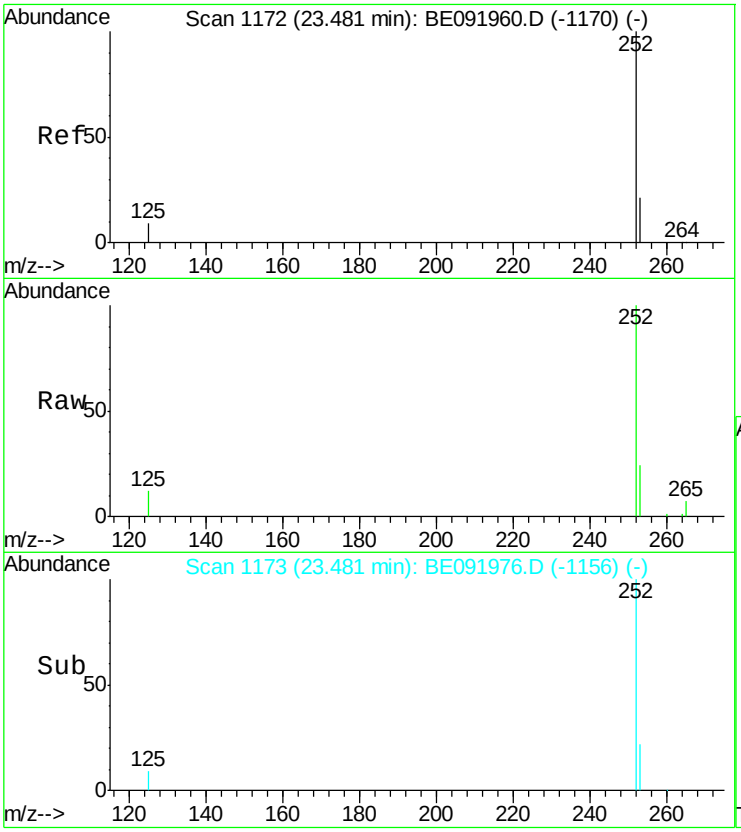


#41
Benzo(b)fluoranthene
Concen: 0.13 ng
RT: 23.43 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:252 Resp: 8548

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	12.0	9.4	14.2

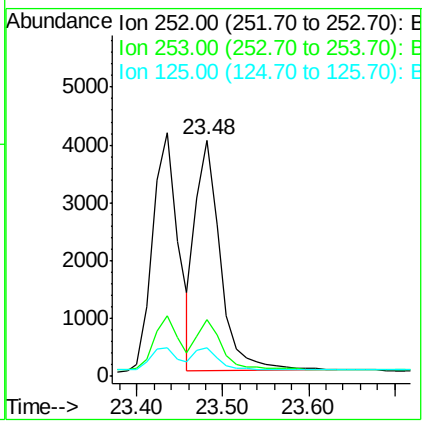




#42
Benzo(k)fluoranthene
Concen: 0.13 ng
RT: 23.48 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:252 Resp: 7963

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	12.0	8.3	12.5



Instrument :
BNA_E
ClientSampleId :
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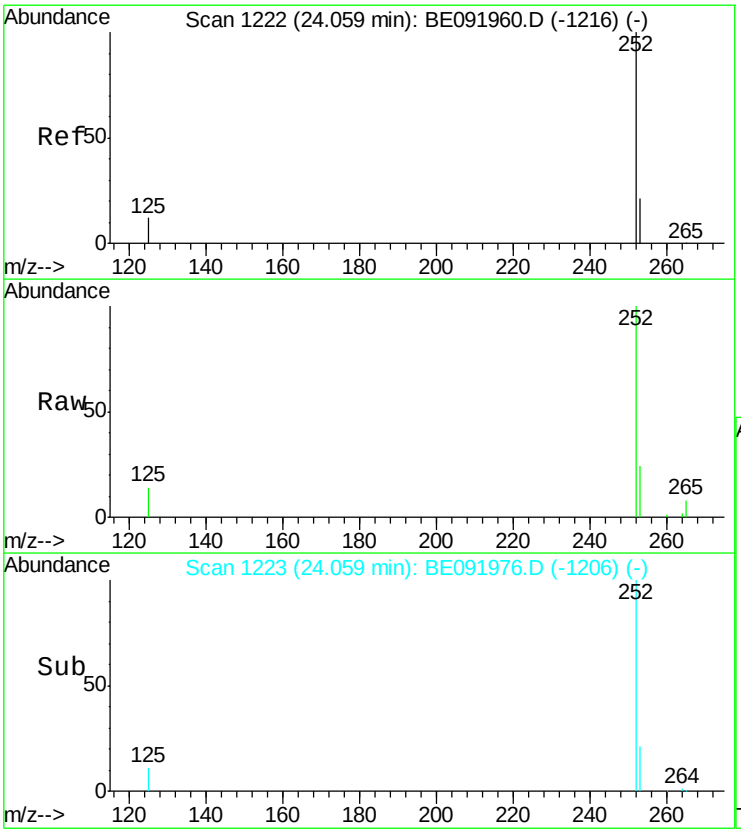
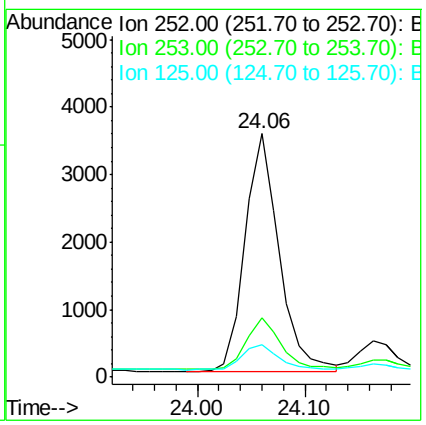
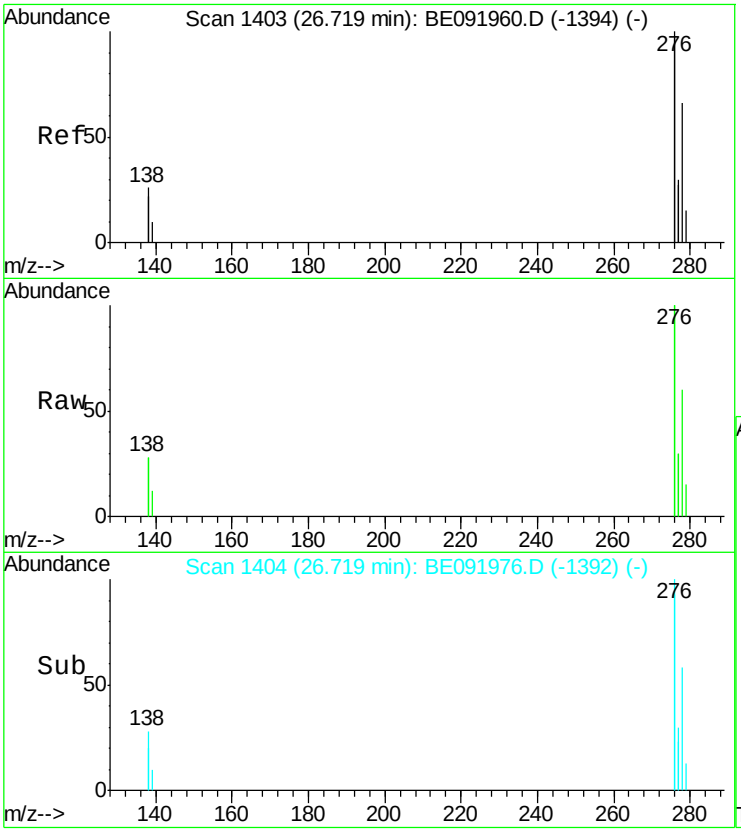


#43
Benzo(a)pyrene
Concen: 0.13 ng
RT: 24.06 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:252 Resp: 7751

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	13.5	10.5	15.7





#44
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.72 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:278 Resp: 6984

Ion	Ratio	Lower	Upper
278	100		
139	19.7	12.6	18.8#
279	25.9	20.0	30.0

Instrument :
BNA_E
ClientSampleId :
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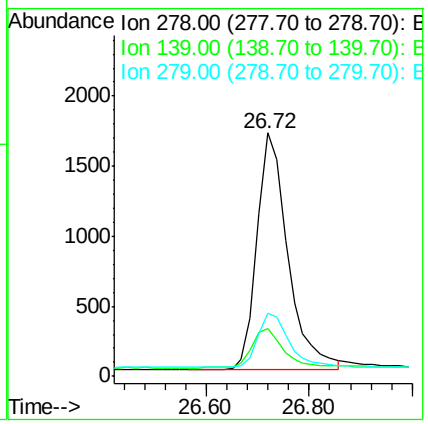

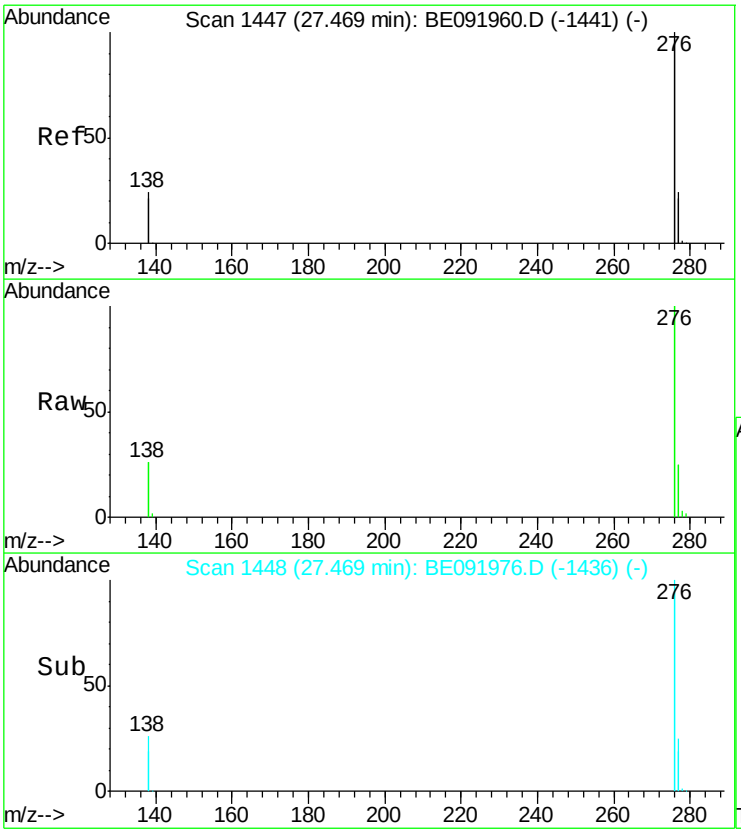

#45
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 27.47 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BE091976.D
Acq: 6 Jul 2016 00:16

Tgt Ion:276 Resp: 30436

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	25.6	17.7	26.5