Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
Data File : BE091770.D
Acq On : 10 May 2016 23:36
Operator : UM/SJ
Sample : H2817-15 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PT-BNA-SOIL

Quant Time: May 11 01:20:15 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	39913	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	195384	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	118051	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	314841	5.00	ng		0.00
26) Chrysene-d12	21.31	240	266014	5.00	ng		0.00
35) Perylene-d12	23.74	264	277200	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	21513	2.19	ng		0.00
5) Phenol-d6	6.95	99	31119	2.39	ng		0.00
8) Nitrobenzene-d5	8.95	82	17788	1.41	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	7944	1.93	ng		0.00
15) 2-Fluorobiphenyl	13.04	172	54140	1.62	ng		0.00
29) Terphenyl-d14	19.76	244	73666	1.78	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.21	93	26861	2.35	ng	#	78
10) Naphthalene	10.61	128	56396	1.43	ng		98
11) Hexachlorobutadiene	10.90	225	10010	1.72	ng		96
12) 2-Methylnaphthalene	12.23	142	120350	4.75	ng		98
17) Acenaphthene	14.47	154	55682	1.89	ng		87
20) 4-Bromophenyl-phenylether	16.33	248	19913	1.76	ng		93
22) Pentachlorophenol	16.79	266	12719	2.15	ng		88
23) Phenanthrene	17.28	178	114984	1.61	ng		99
24) Anthracene	17.28	178	116660	1.81	ng		99
27) Benzidine	19.40	184	656	0.19	ng	#	60
28) Pyrene	19.55	202	229148	3.81	ng		100
30) Benzo(a)anthracene	21.34	228	221265	3.41	ng		97
32) Chrysene	21.34	228	222407	3.29	ng		97
33) Bis(2-ethylhexyl)phthalate	21.20	149	98974	5.03	ng	#	89
36) Benzo(b)fluoranthene	22.99	252	90212	1.39	ng	#	97
37) Benzo(k)fluoranthene	22.99	252	90192	1.37	ng		97
40) Benzo(g,h,i)perylene	27.08	276	82446	1.40	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051016\
Data File : BE091770.D
Acq On : 10 May 2016 23:36
Operator : UM/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Quant Time: May 11 01:20:15 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
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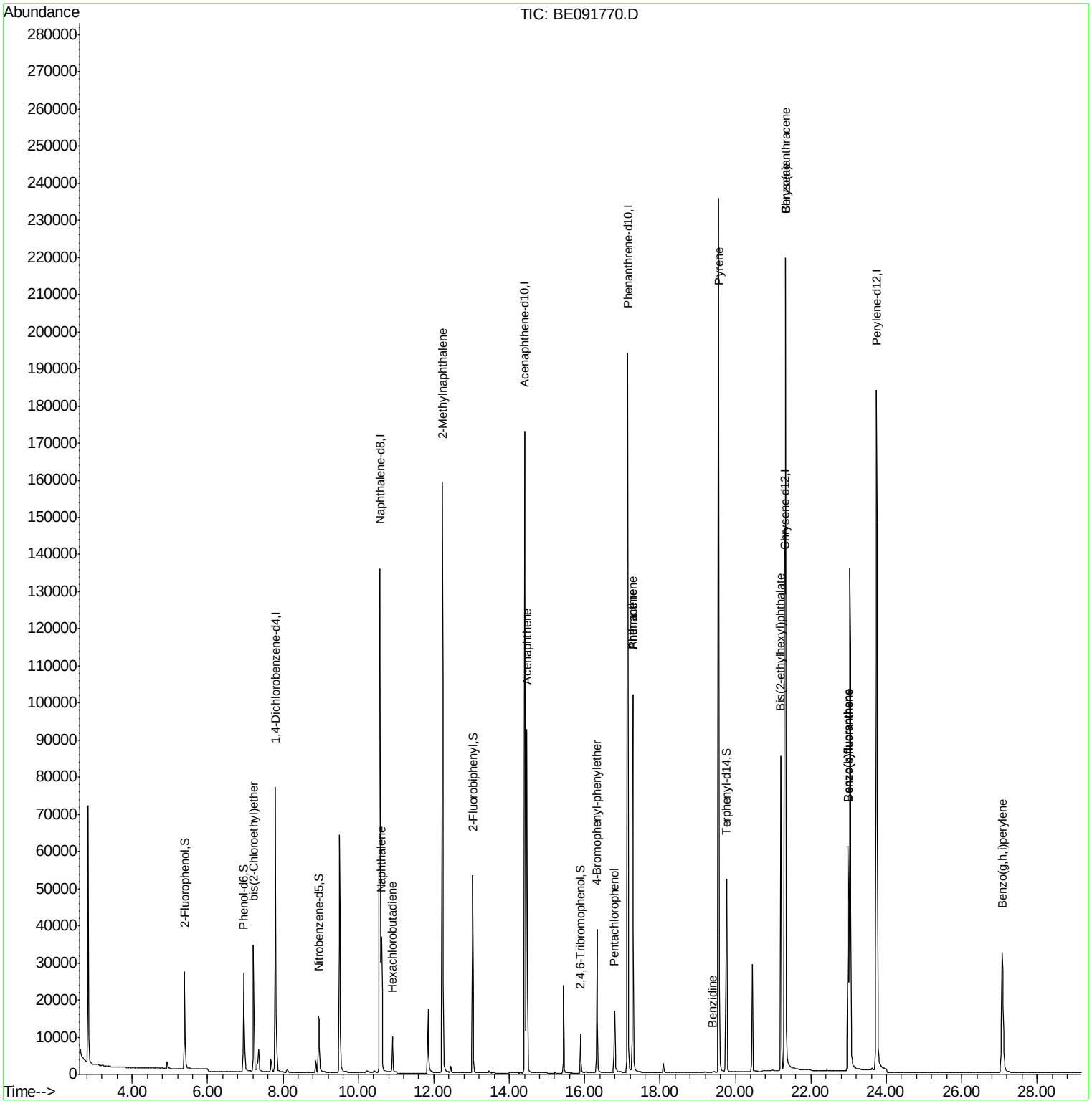
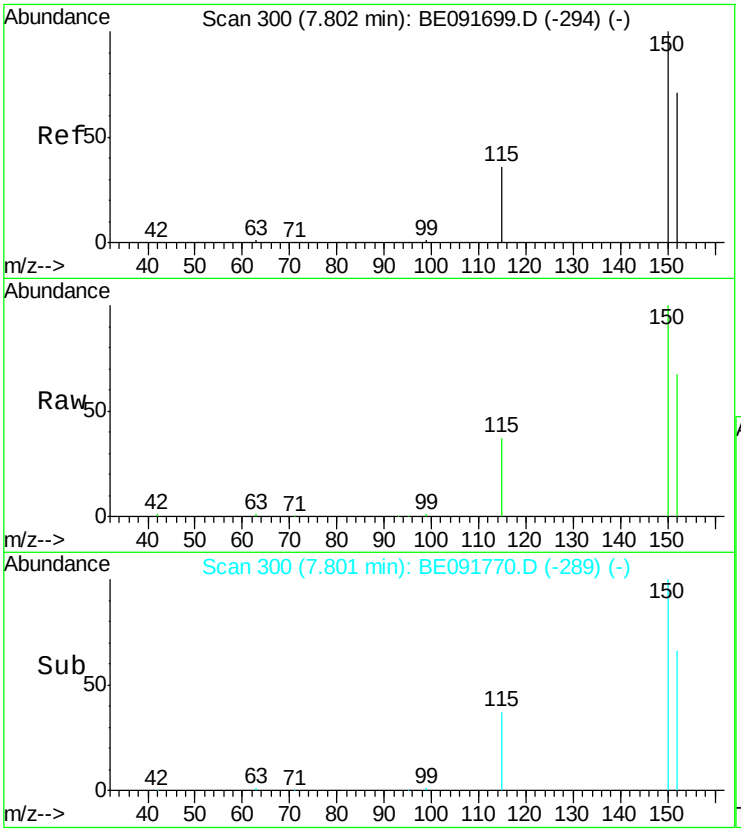


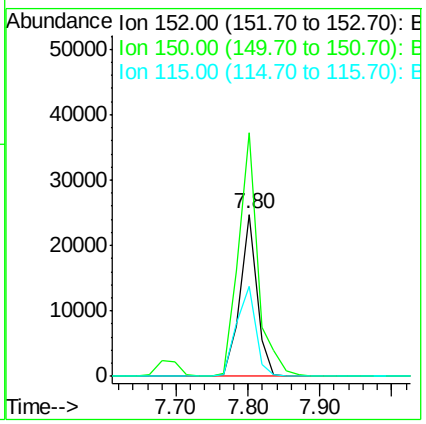


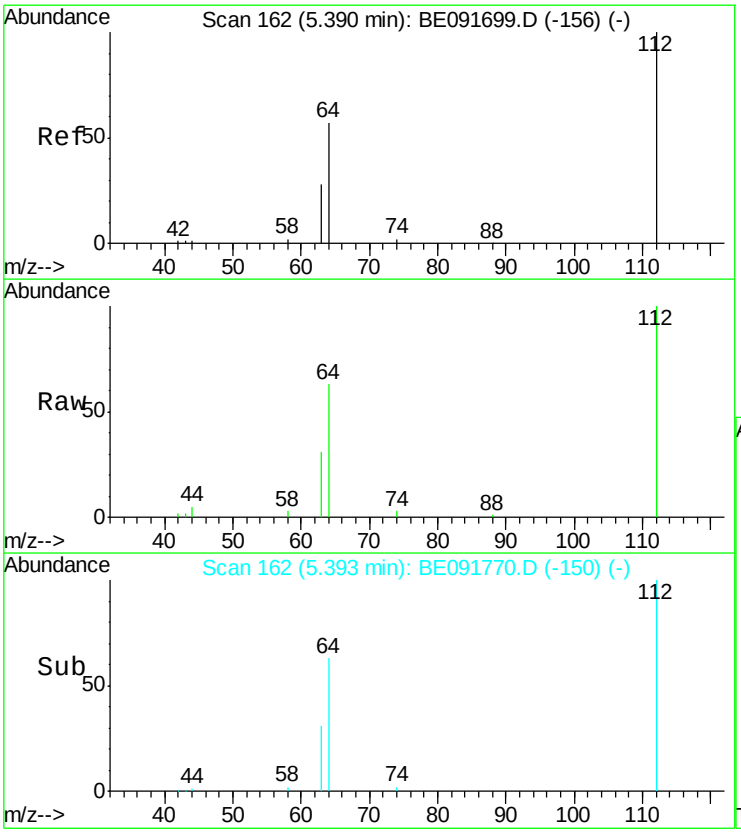
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:152 Resp: 39913

Ion	Ratio	Lower	Upper
152	100		
150	150.3	122.6	183.8
115	55.9	52.8	79.2

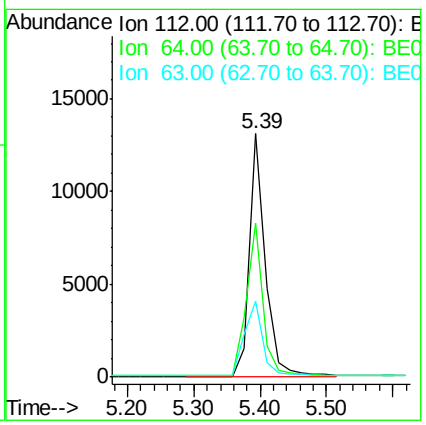


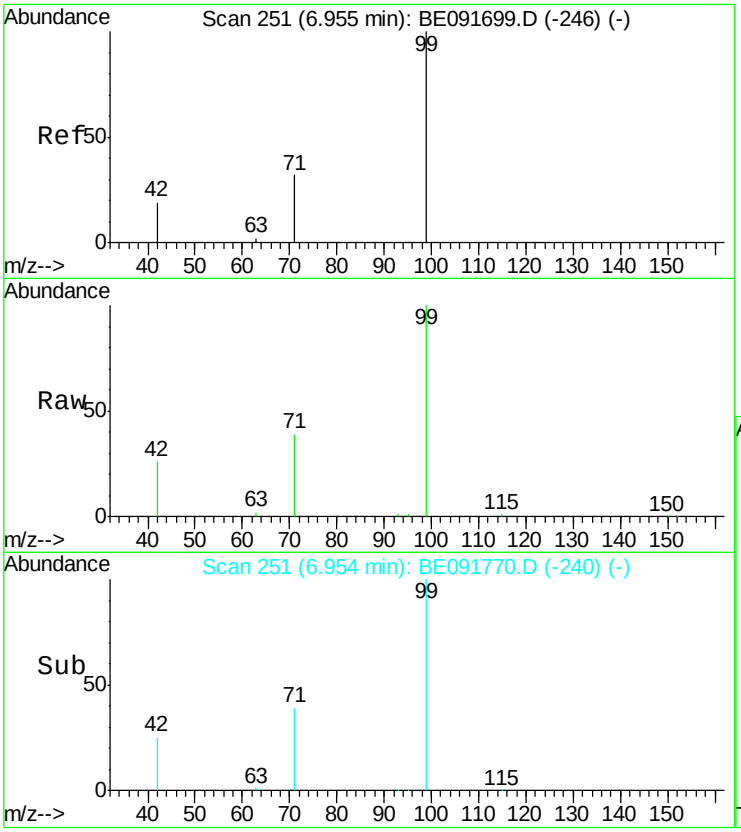


#4
2-Fluorophenol
Concen: 2.19 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:112 Resp: 21513

Ion	Ratio	Lower	Upper
112	100		
64	66.4	30.9	46.3#
63	35.6	16.7	25.1#



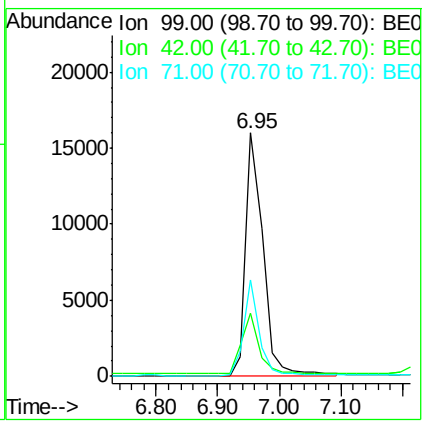


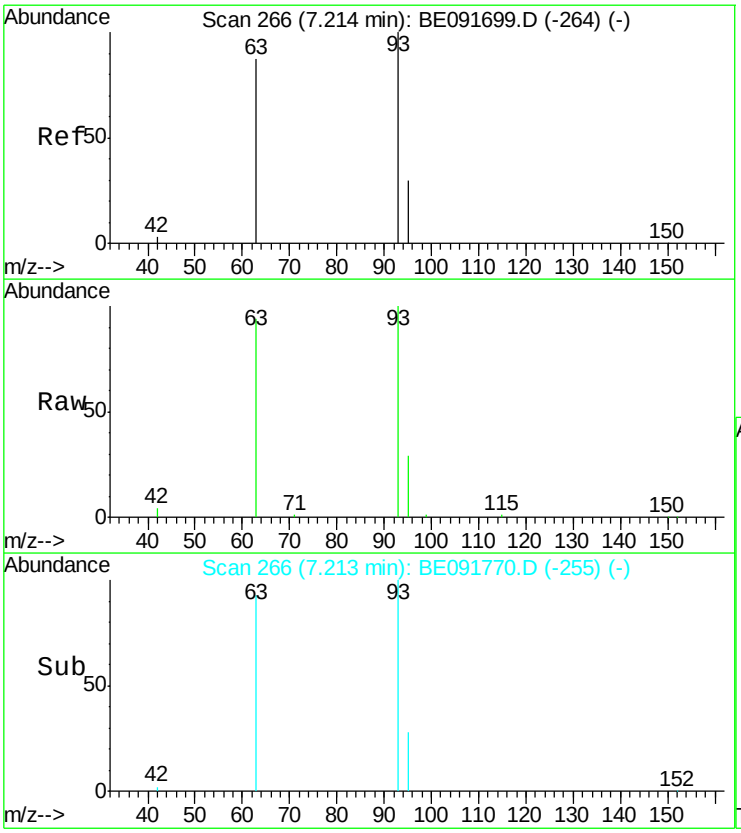
#5
Phenol-d6
Concen: 2.39 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion: 99 Resp: 31119

Ion	Ratio	Lower	Upper
99	100		
42	26.0	16.2	24.2#
71	34.8	29.0	43.4

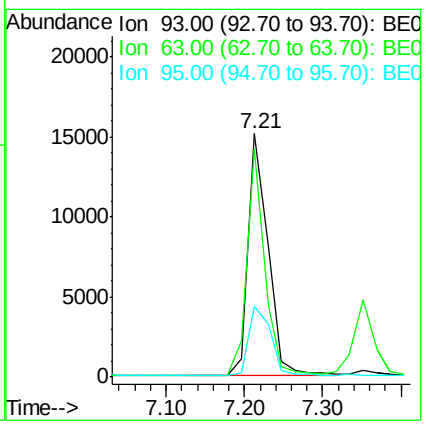


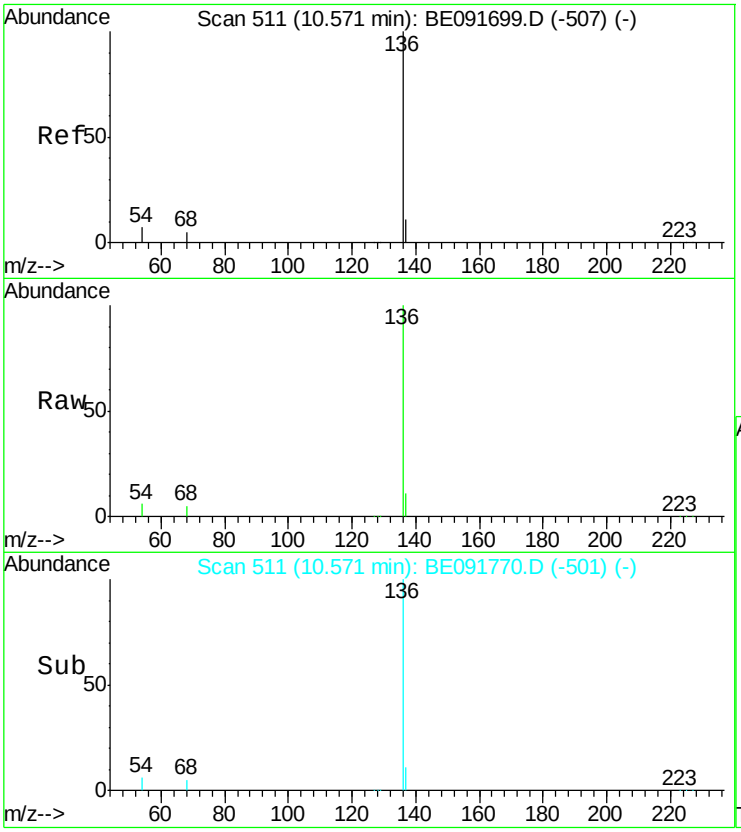


#6
bis(2-Chloroethyl)ether
Concen: 2.35 ng
RT: 7.21 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion: 93 Resp: 26861

Ion	Ratio	Lower	Upper
93	100		
63	84.0	49.5	74.3#
95	32.0	22.2	33.4



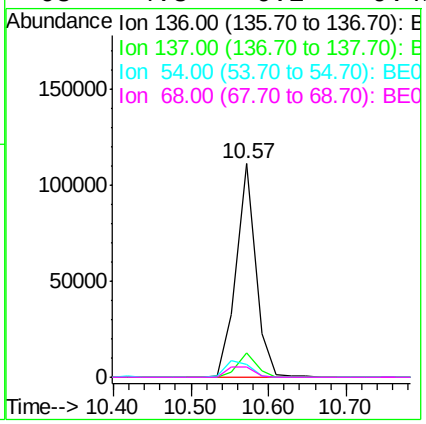


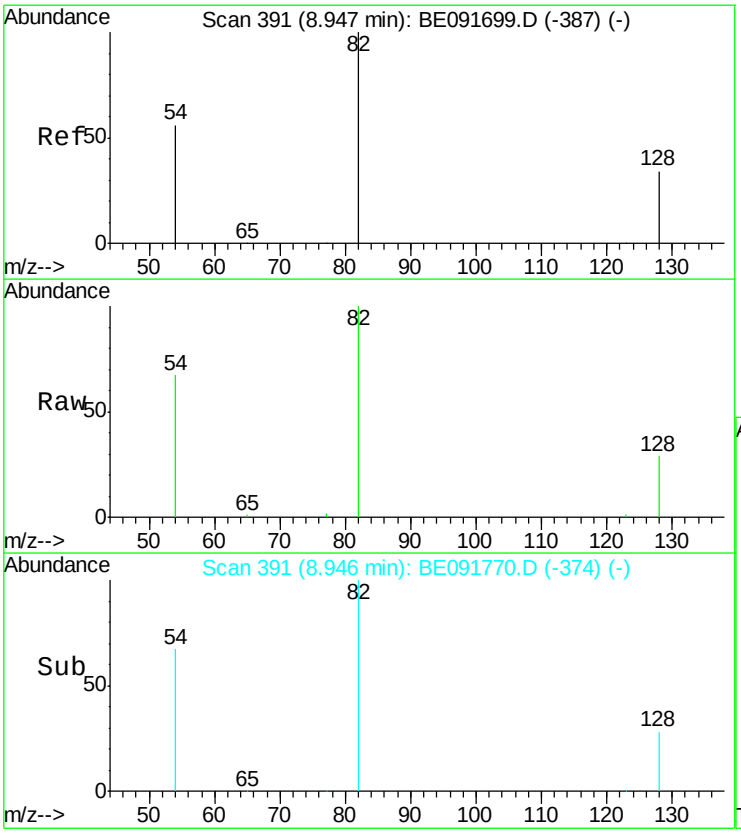
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:136 Resp: 195384

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	8.2	12.4#
68	4.8	6.2	9.4#

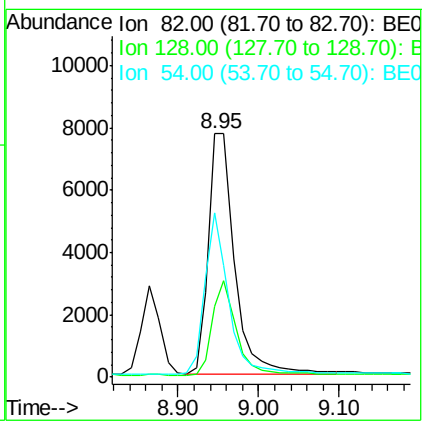


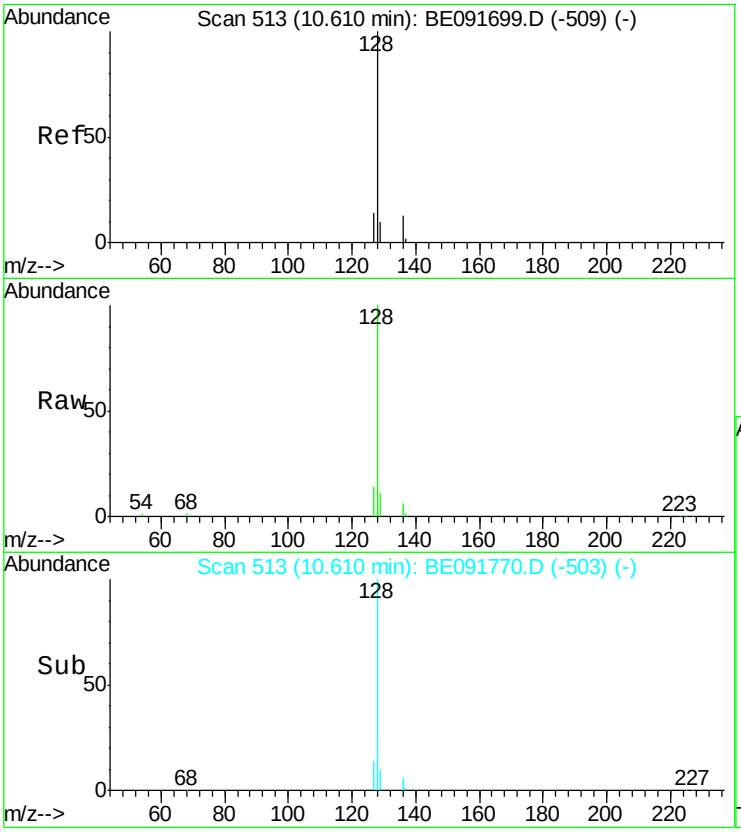


#8
Nitrobenzene-d5
Concen: 1.41 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion: 82 Resp: 17788

Ion	Ratio	Lower	Upper
82	100		
128	29.2	25.4	38.0
54	67.4	48.4	72.6



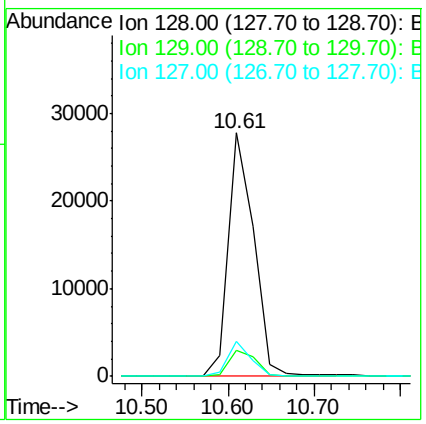


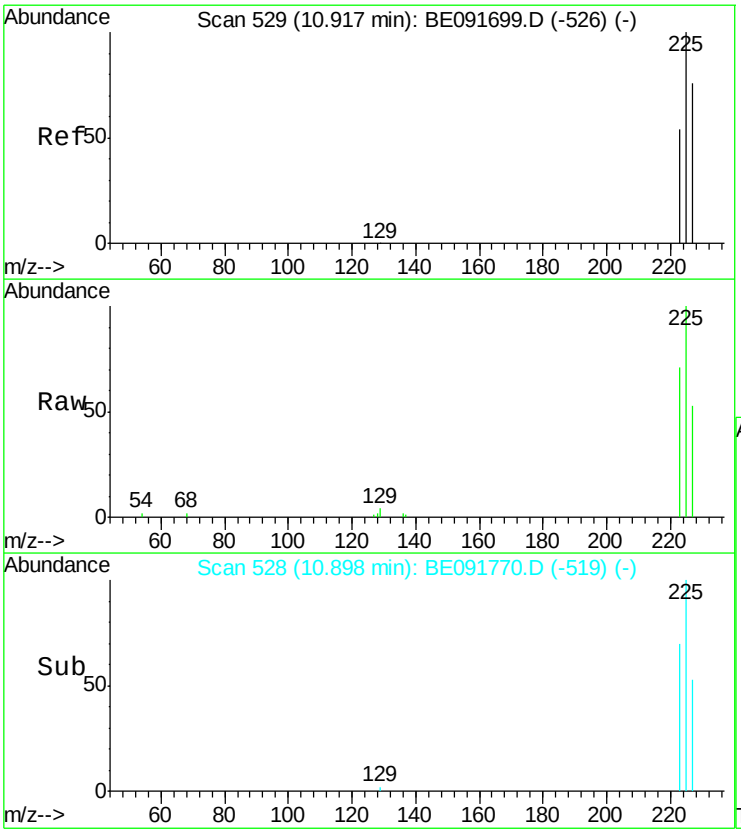
#10
Naphthalene
Concen: 1.43 ng
RT: 10.61 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:128 Resp: 56396

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	14.2	10.7	16.1

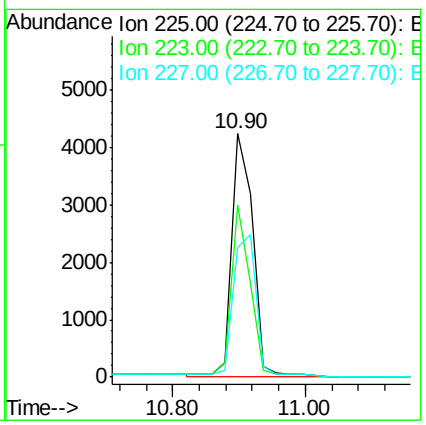


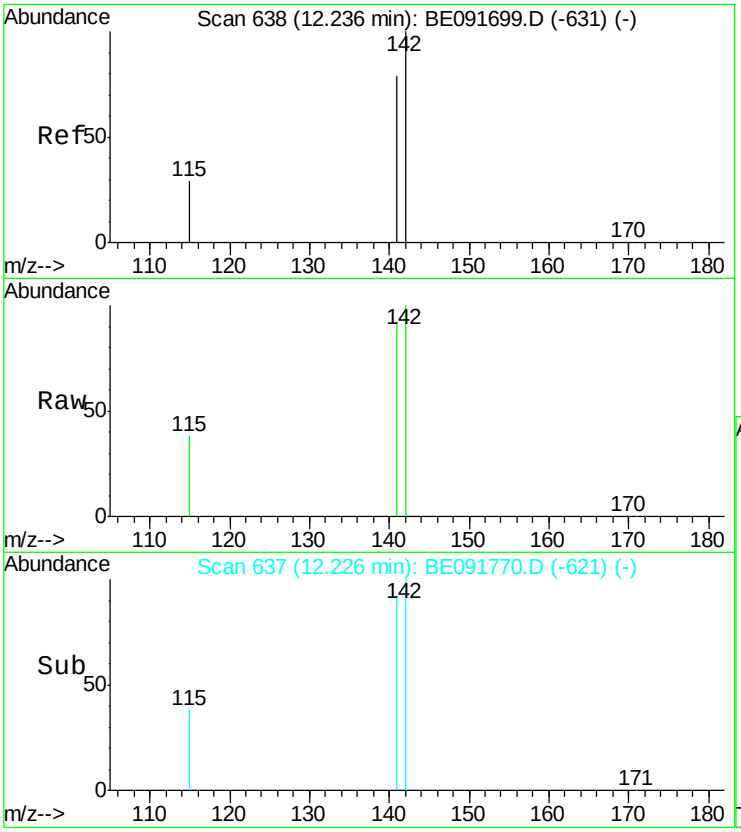


#11
Hexachlorobutadiene
Concen: 1.72 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:225 Resp: 10010

Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.0	73.6
227	65.1	50.3	75.5



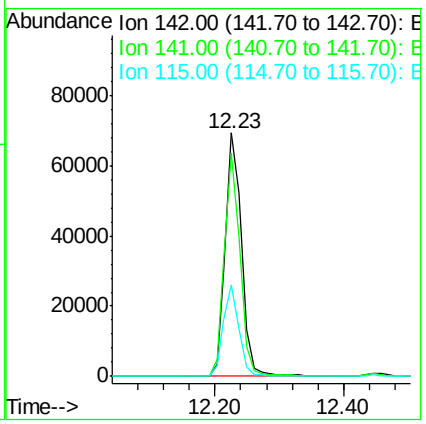


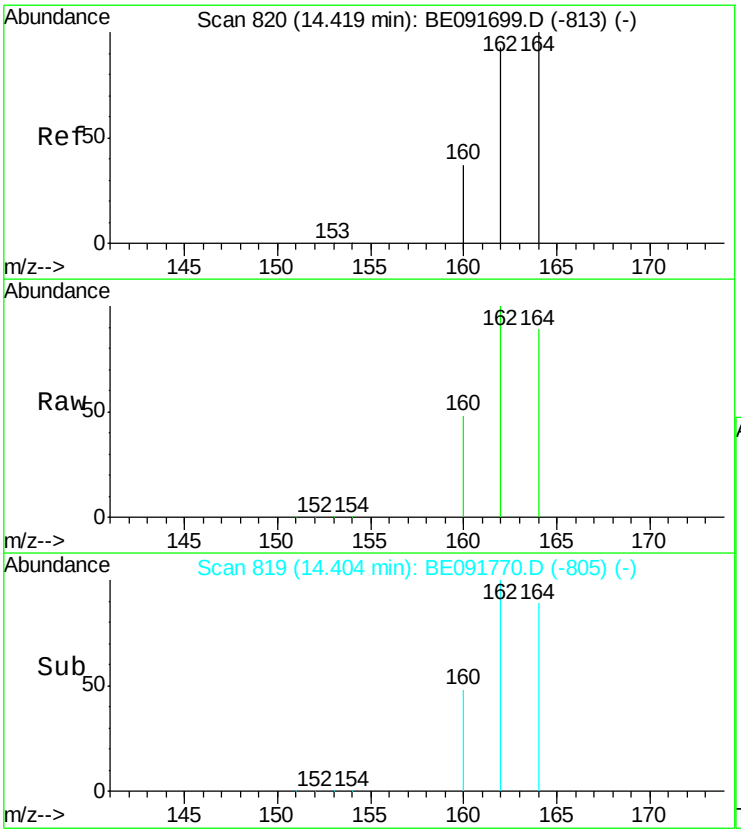
#12
2-Methylnaphthalene
Concen: 4.75 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:142 Resp: 120350

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.4	107.0
115	37.7	30.3	45.5

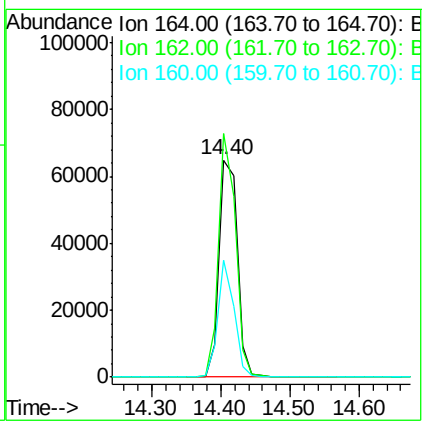


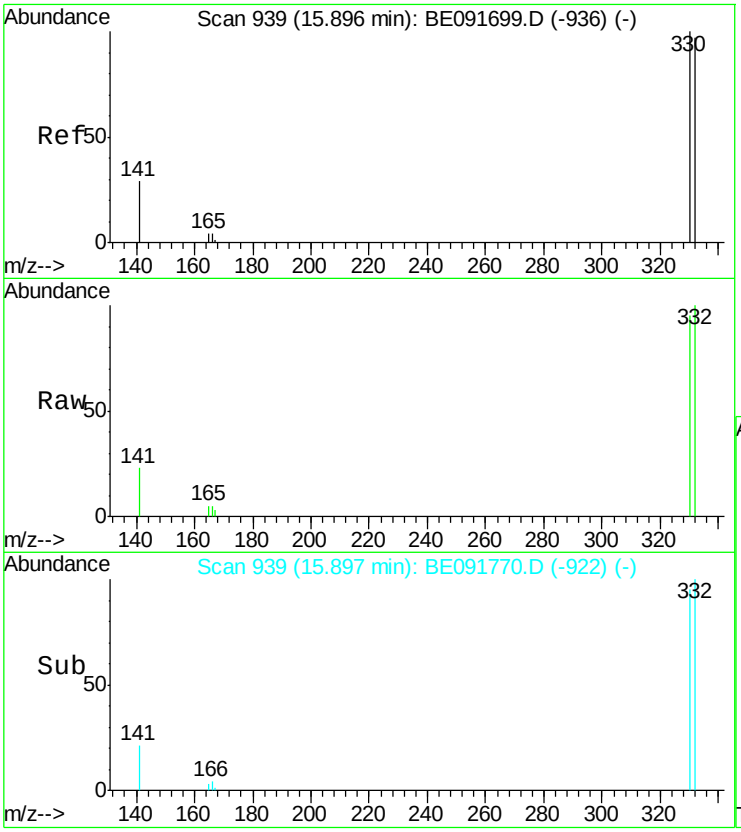


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:164 Resp: 118051

Ion	Ratio	Lower	Upper
164	100		
162	112.2	85.3	127.9
160	54.0	46.2	69.2



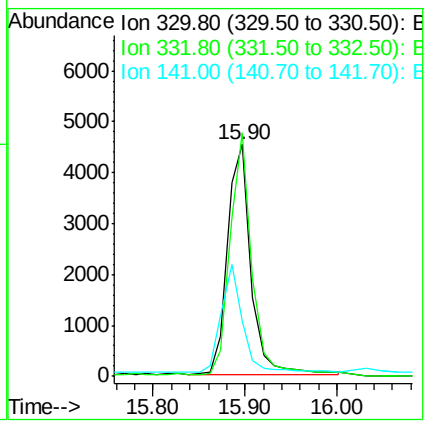


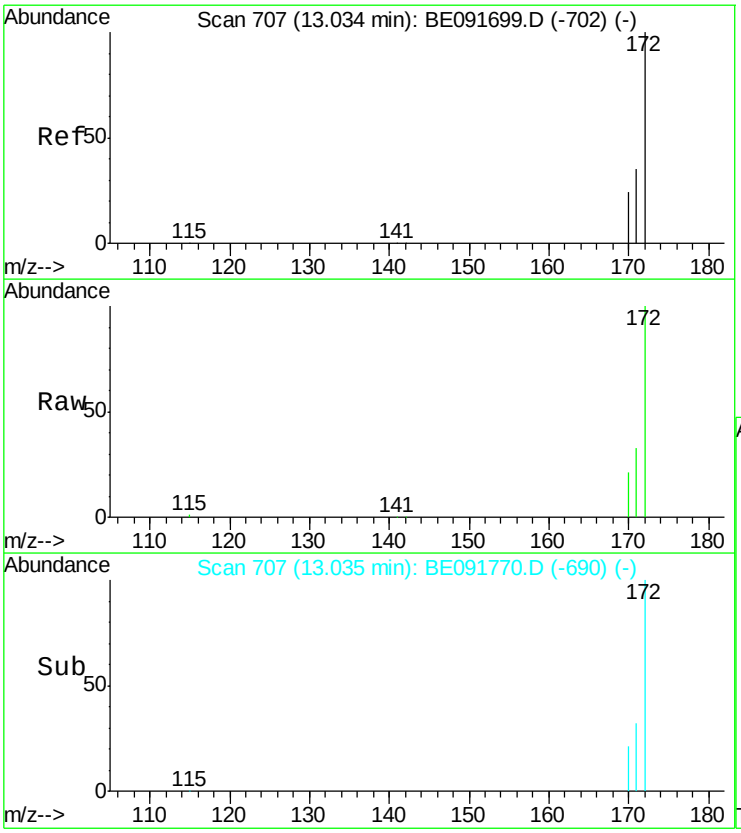
#14
2,4,6-Tribromophenol
Concen: 1.93 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:330 Resp: 7944

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	42.6	125.4	188.0#

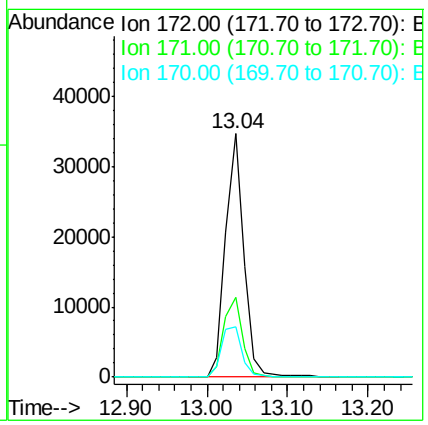


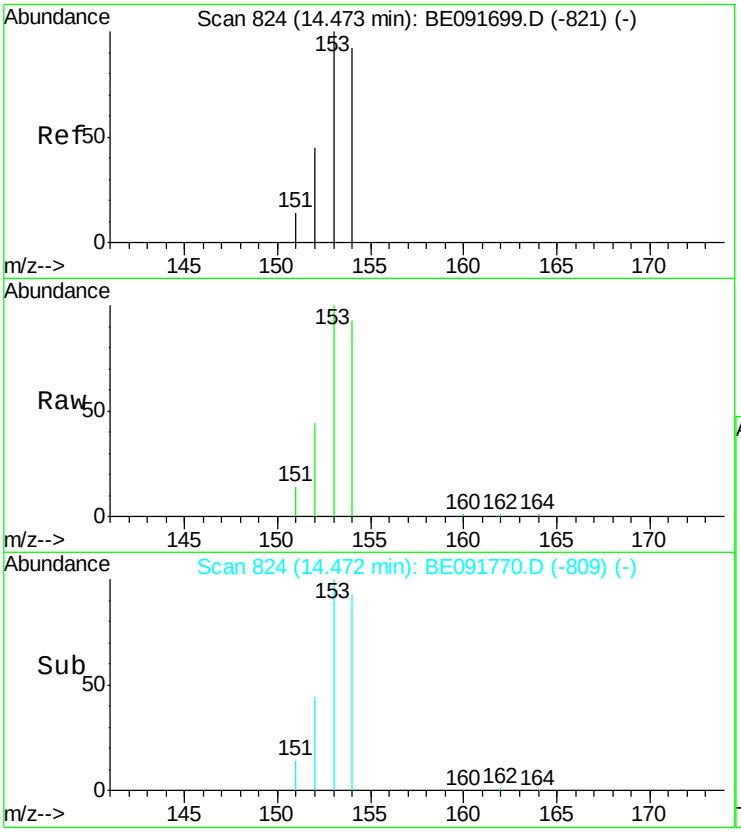


#15
2-Fluorobiphenyl
Concen: 1.62 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:172 Resp: 54140

Ion	Ratio	Lower	Upper
172	100		
171	32.6	28.8	43.2
170	20.9	19.3	28.9



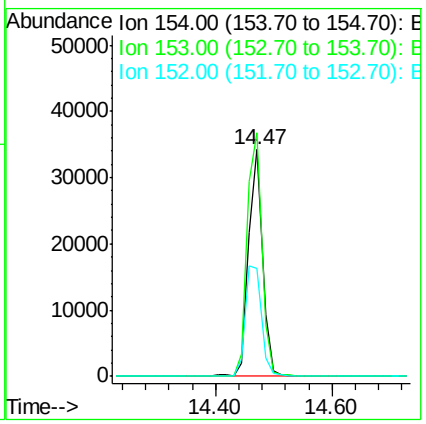


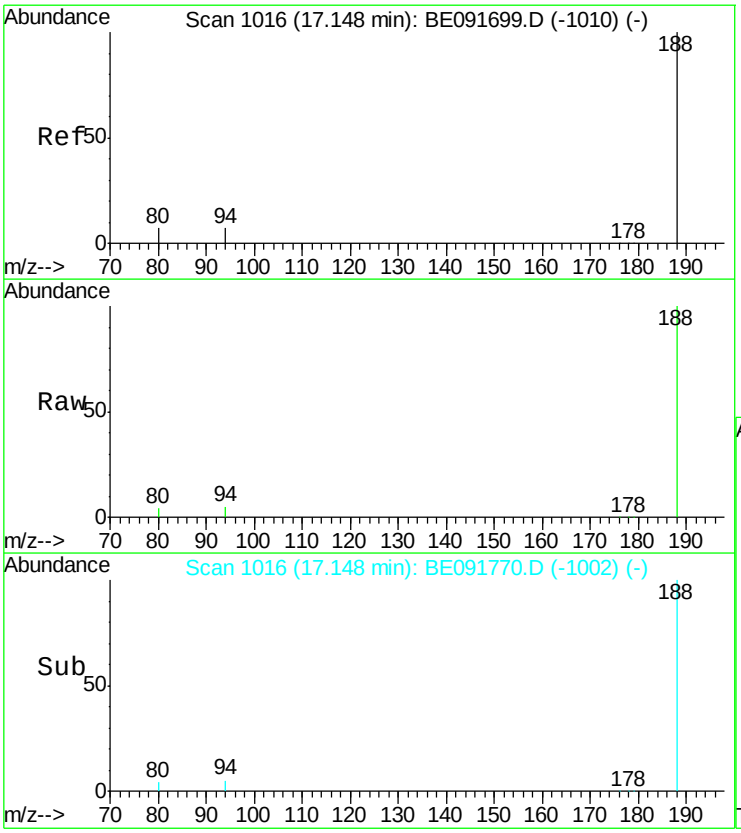
#17
Acenaphthene
Concen: 1.89 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:154 Resp: 55682

Ion	Ratio	Lower	Upper
154	100		
153	114.0	80.0	120.0
152	56.6	40.0	60.0

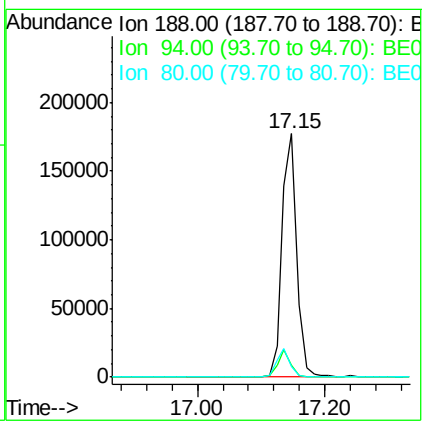


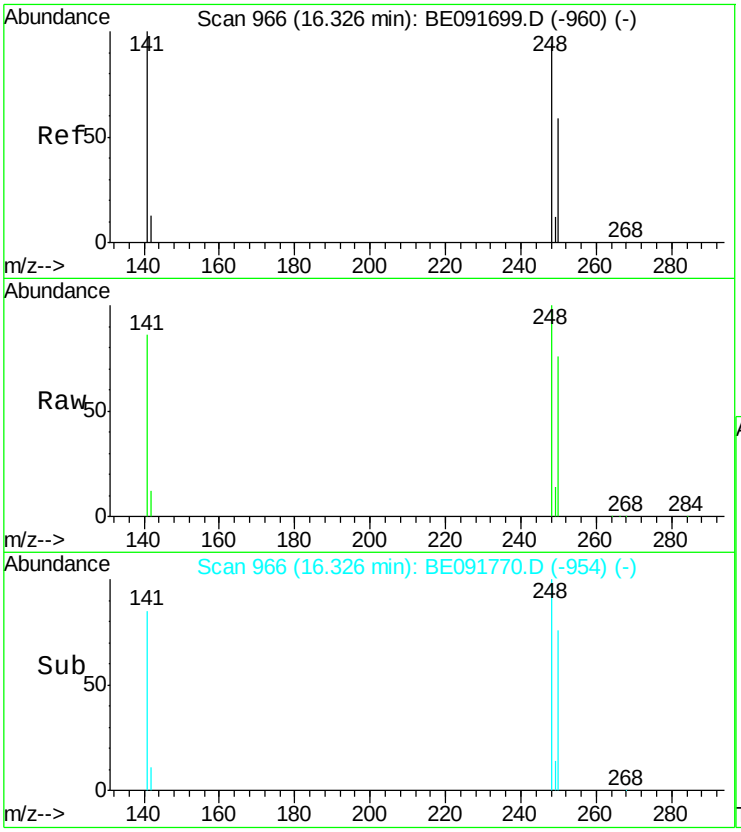


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:188 Resp: 314841

Ion	Ratio	Lower	Upper
188	100		
94	5.0	8.7	13.1#
80	4.4	9.4	14.0#



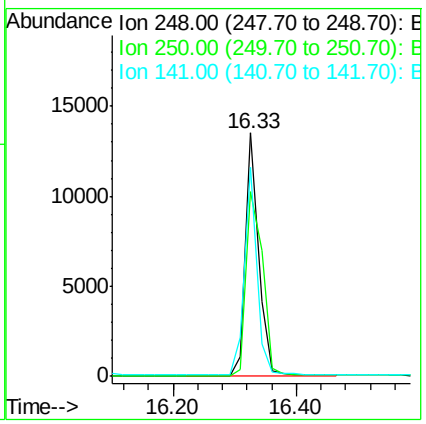


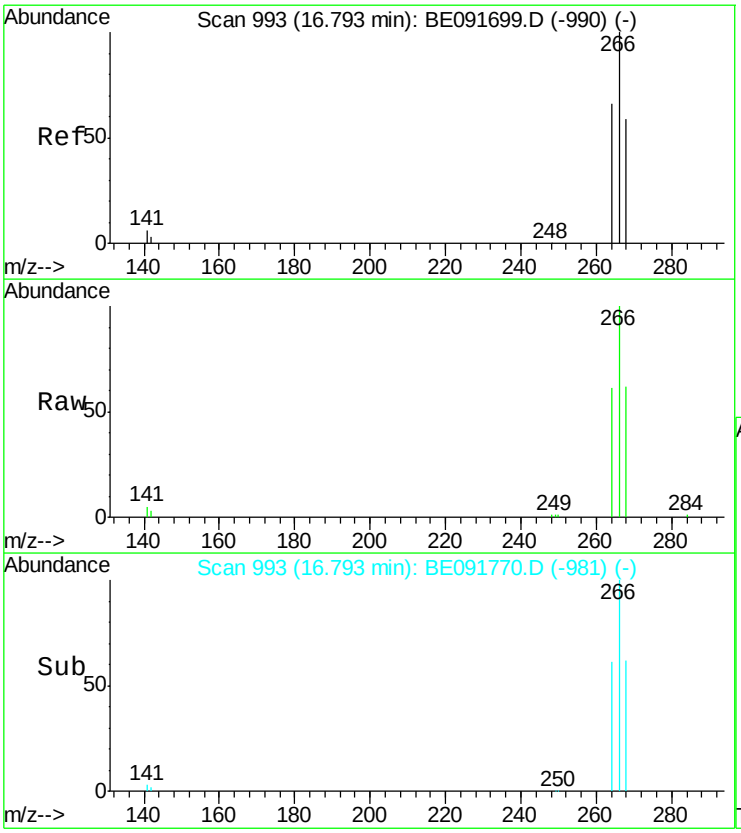
#20
4-Bromophenyl-phenylether
Concen: 1.76 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:248 Resp: 19913

Ion	Ratio	Lower	Upper
248	100		
250	95.1	80.5	120.7
141	82.0	72.0	108.0

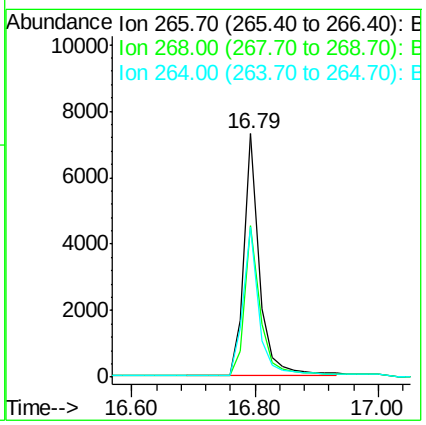


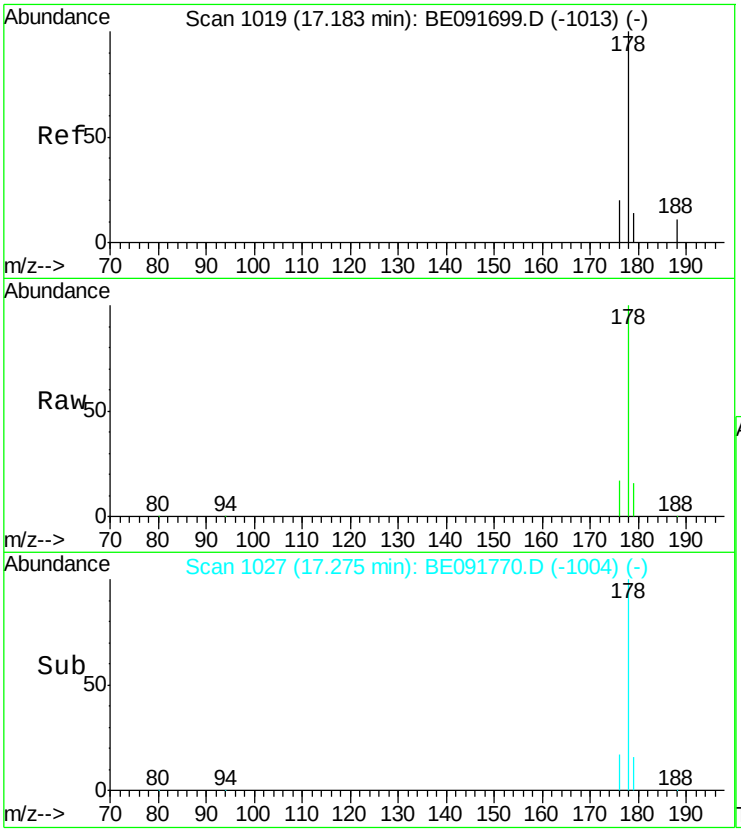


#22
Pentachlorophenol
Concen: 2.15 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:266 Resp: 12719

Ion	Ratio	Lower	Upper
266	100		
268	62.0	58.2	87.2
264	61.4	56.2	84.4



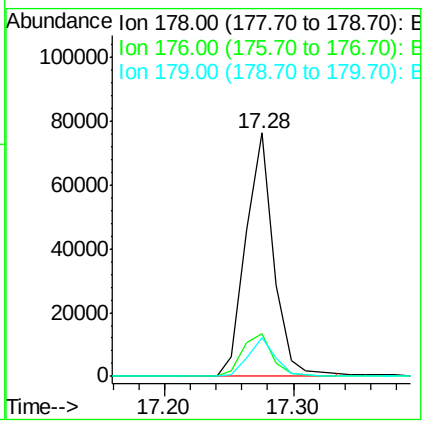


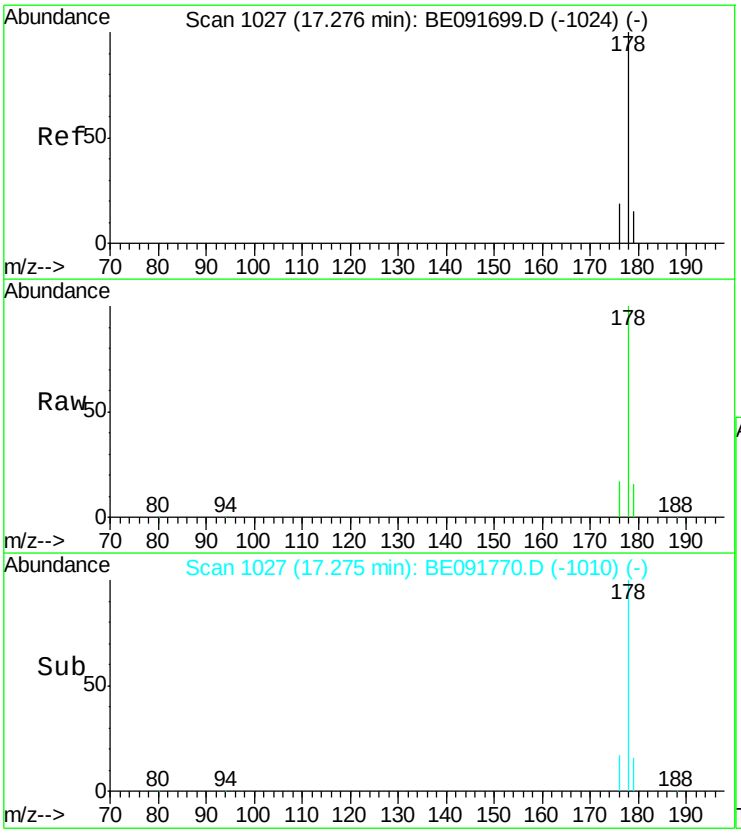
#23
Phenanthrene
Concen: 1.61 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.09 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:178 Resp: 114984

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.4	12.6	18.8

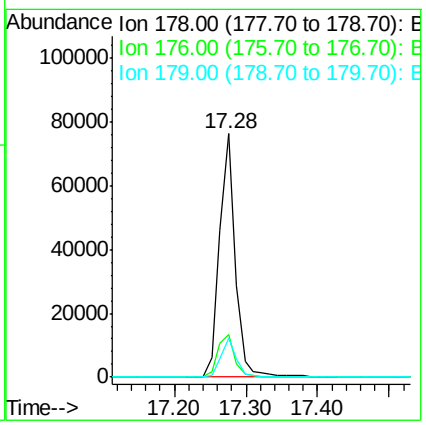


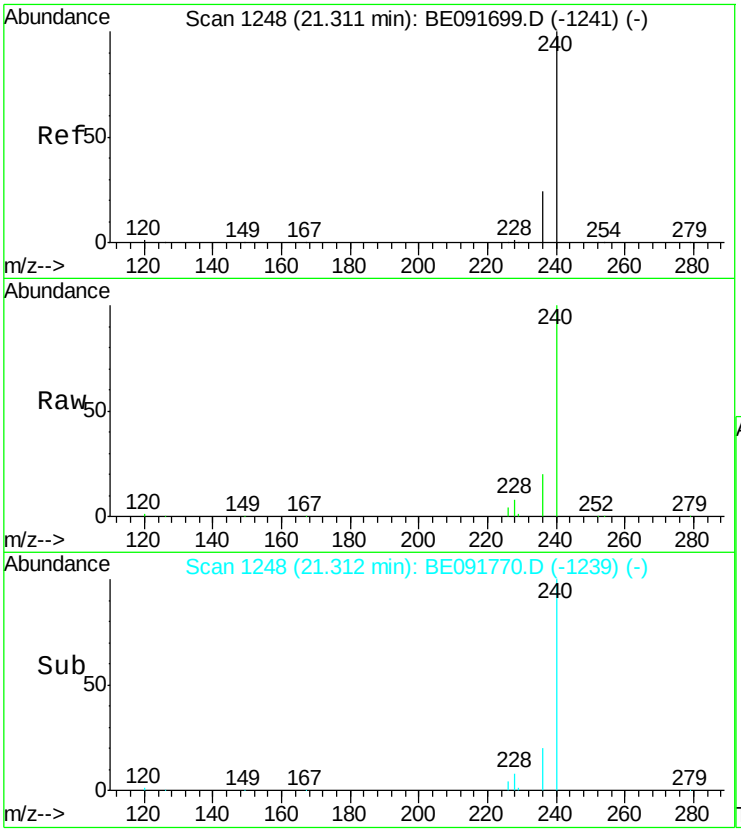


#24
Anthracene
Concen: 1.81 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:178 Resp: 116660

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.4	11.8	17.6



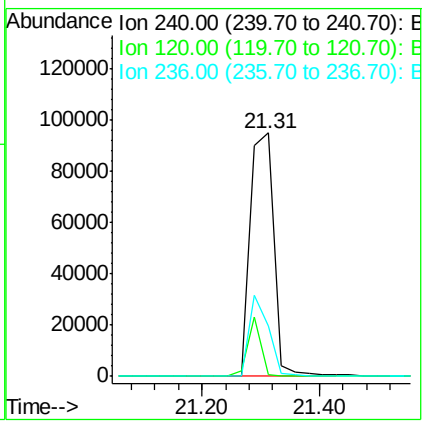


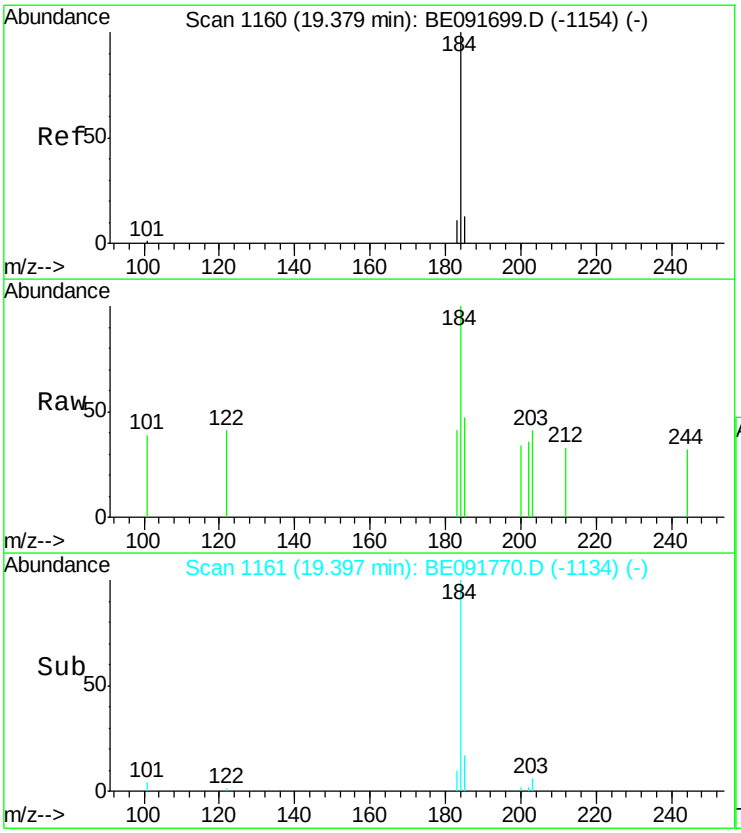
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:240 Resp: 266014

Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	20.4	21.7	32.5#

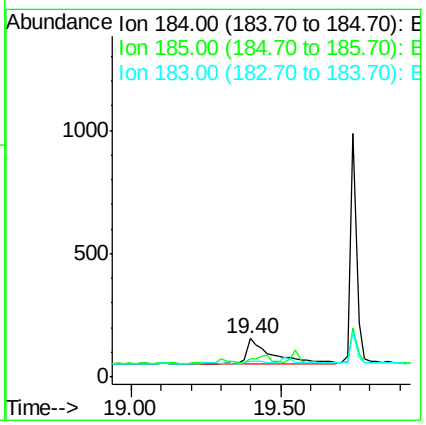


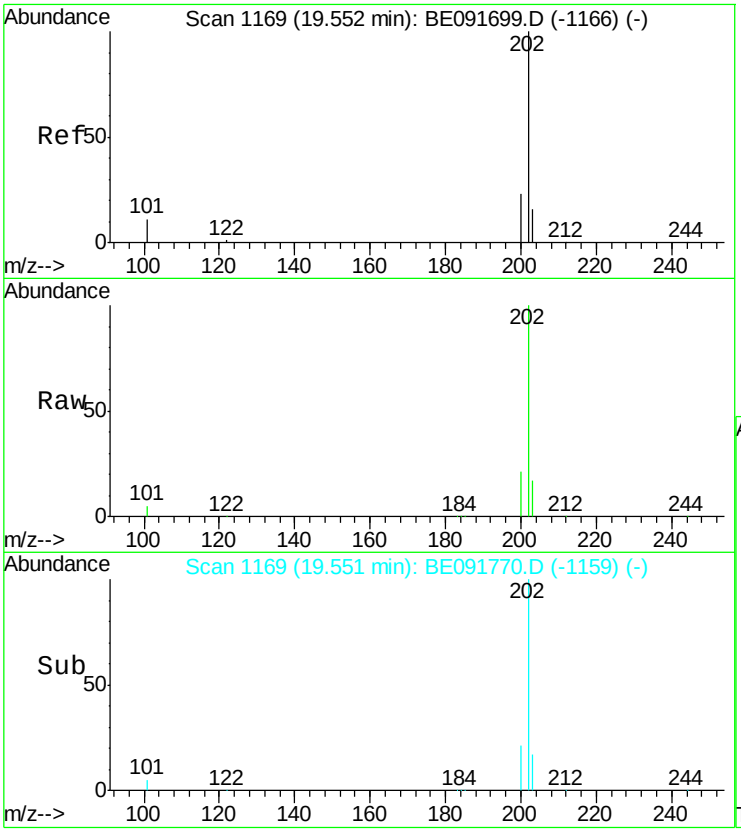


#27
Benzidine
Concen: 0.19 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:184 Resp: 656

Ion	Ratio	Lower	Upper
184	100		
185	47.1	22.3	33.5#
183	41.3	16.4	24.6#



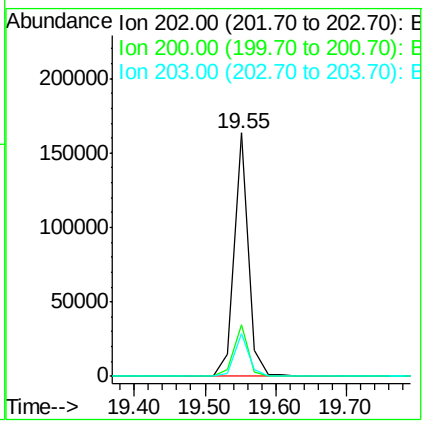


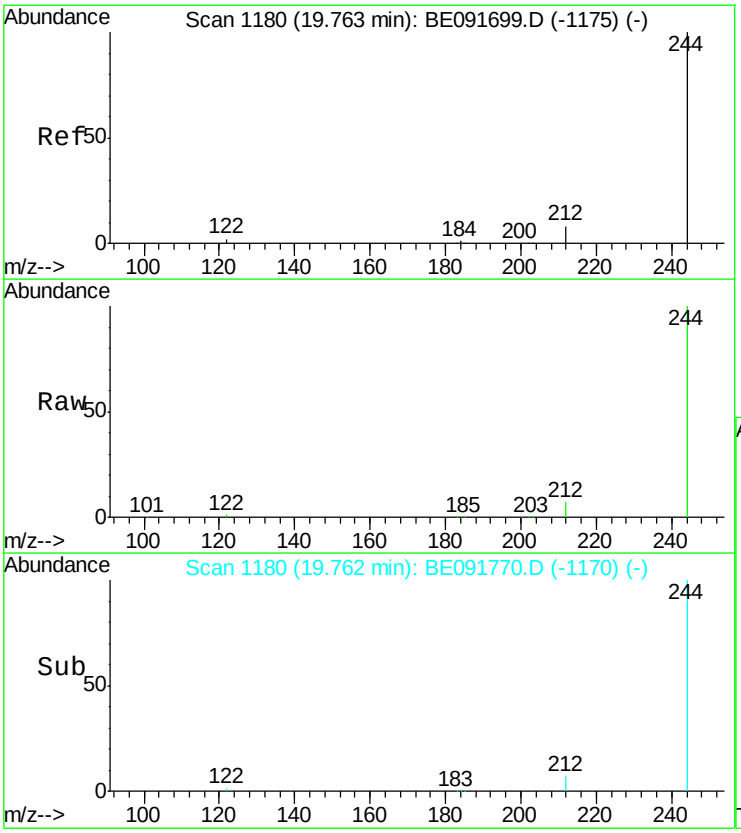
#28
Pyrene
Concen: 3.81 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:202 Resp: 229148

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	17.5	14.0	21.0

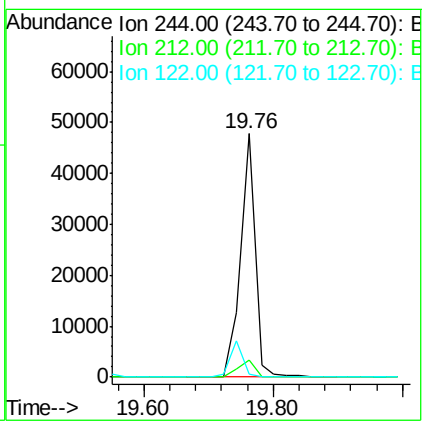


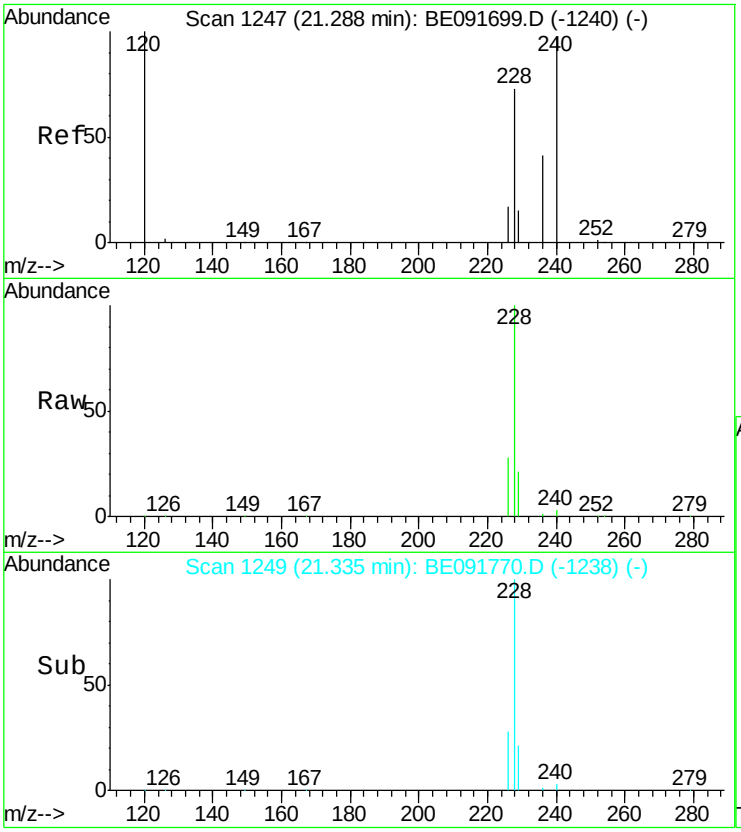


#29
Terphenyl-d14
Concen: 1.78 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:244 Resp: 73666

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.9	10.3#
122	1.2	11.0	16.4#



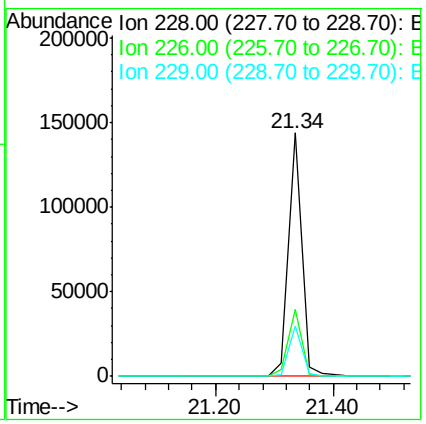


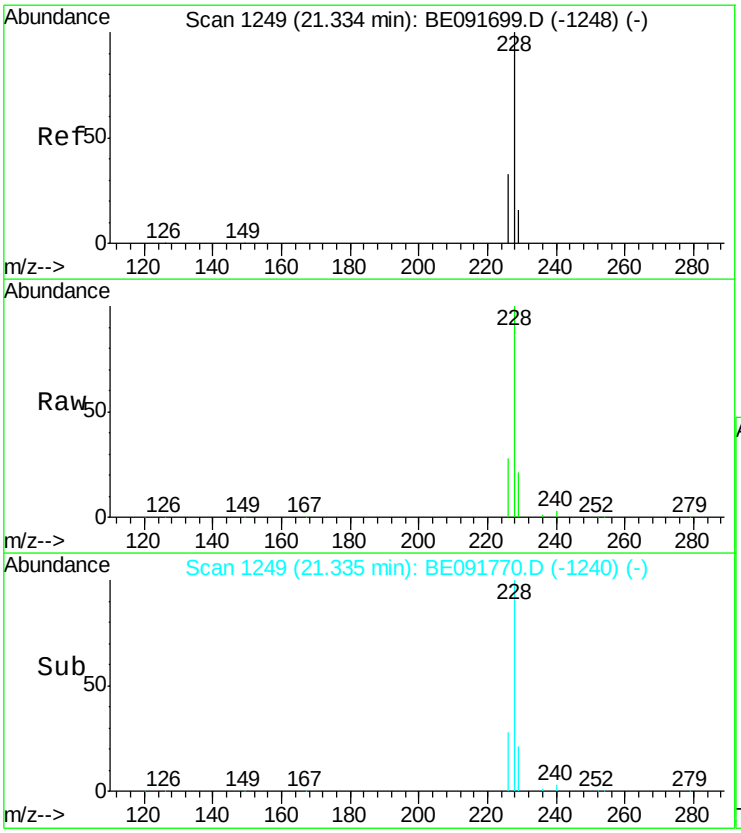
#30
Benzo(a)anthracene
Concen: 3.41 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.05 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:228 Resp: 221265

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.0	31.4
229	20.5	15.7	23.5

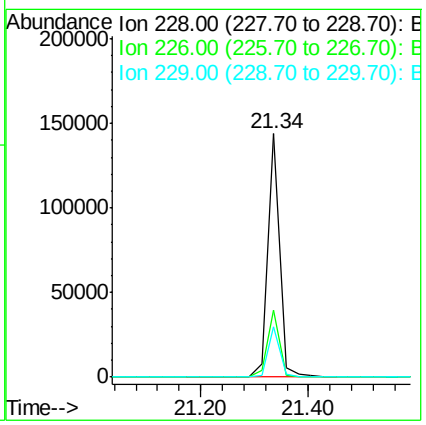


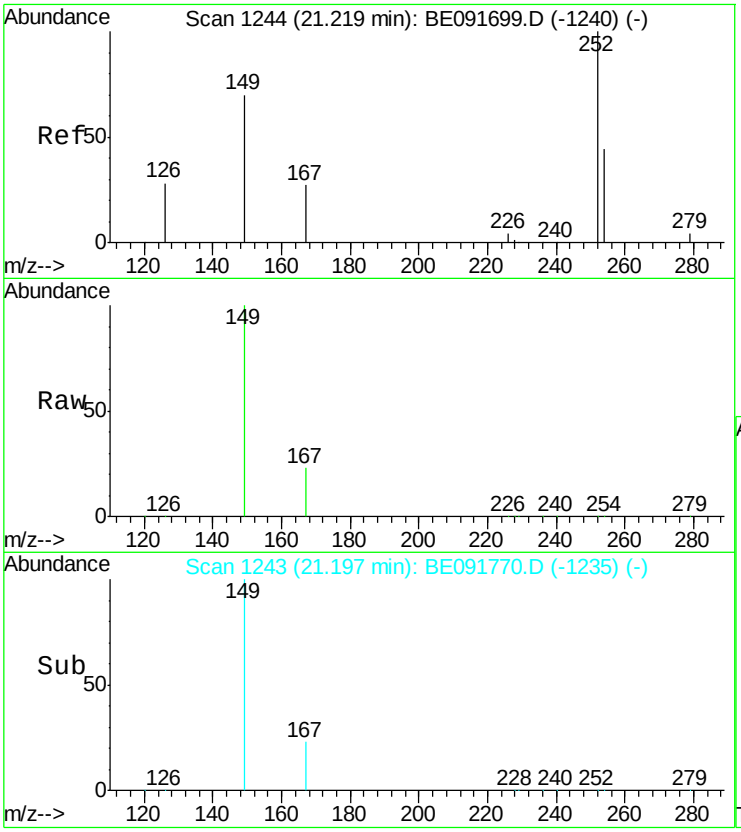


#32
Chrysene
Concen: 3.29 ng
RT: 21.34 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:228 Resp: 222407

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	20.5	15.9	23.9



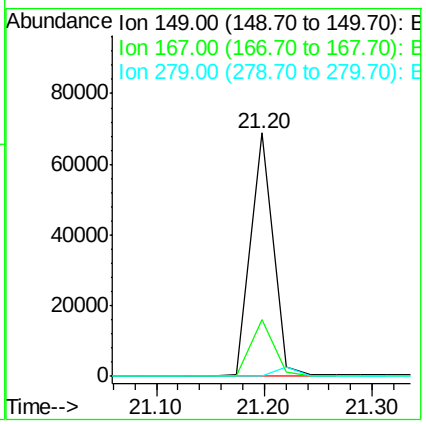


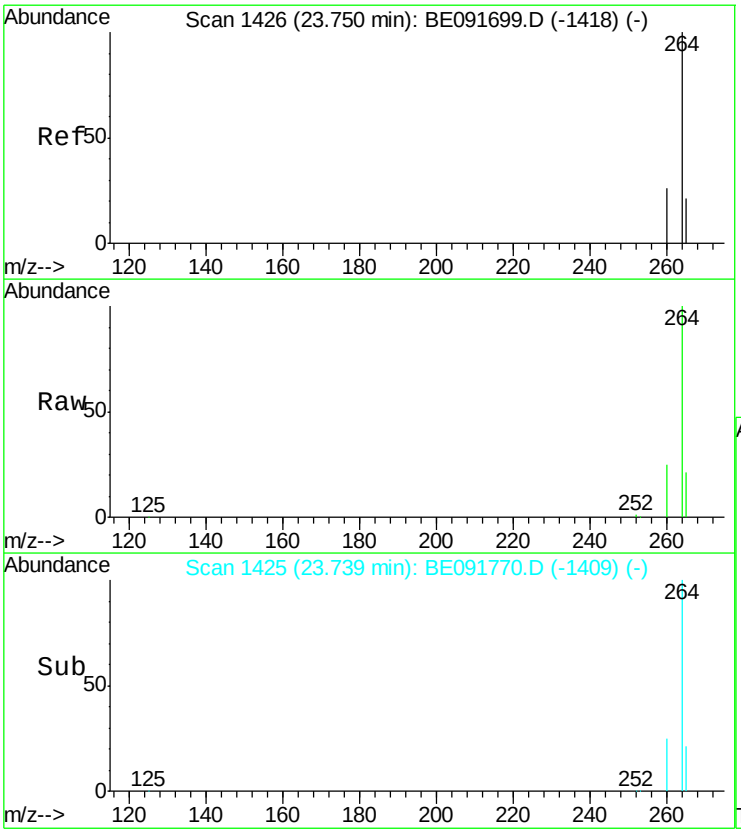
#33
Bis(2-ethylhexyl)phthalate
Concen: 5.03 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:149 Resp: 98974

Ion	Ratio	Lower	Upper
149	100		
167	24.0	19.5	29.3
279	0.0	10.0	15.0#

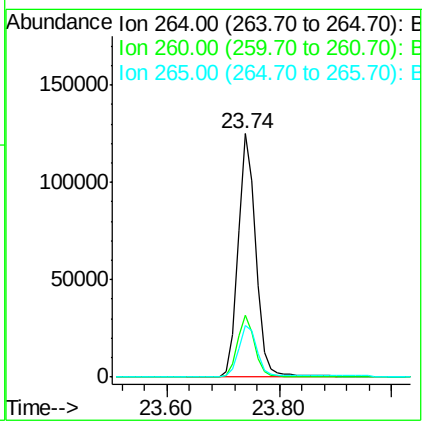


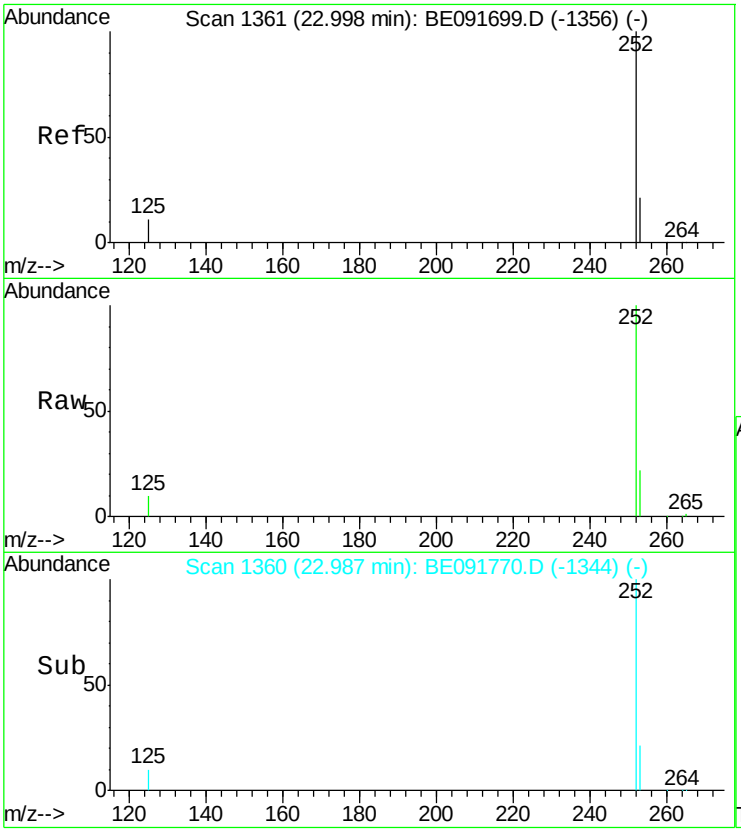


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:264 Resp: 277200

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.0	30.0
265	21.2	17.5	26.3



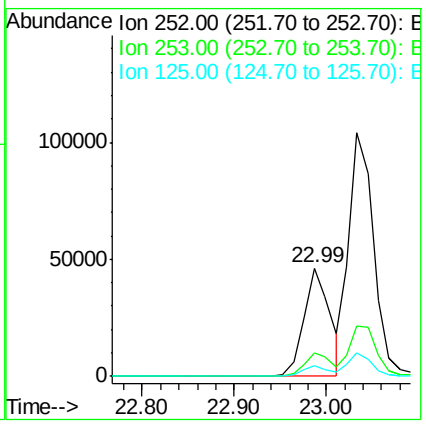


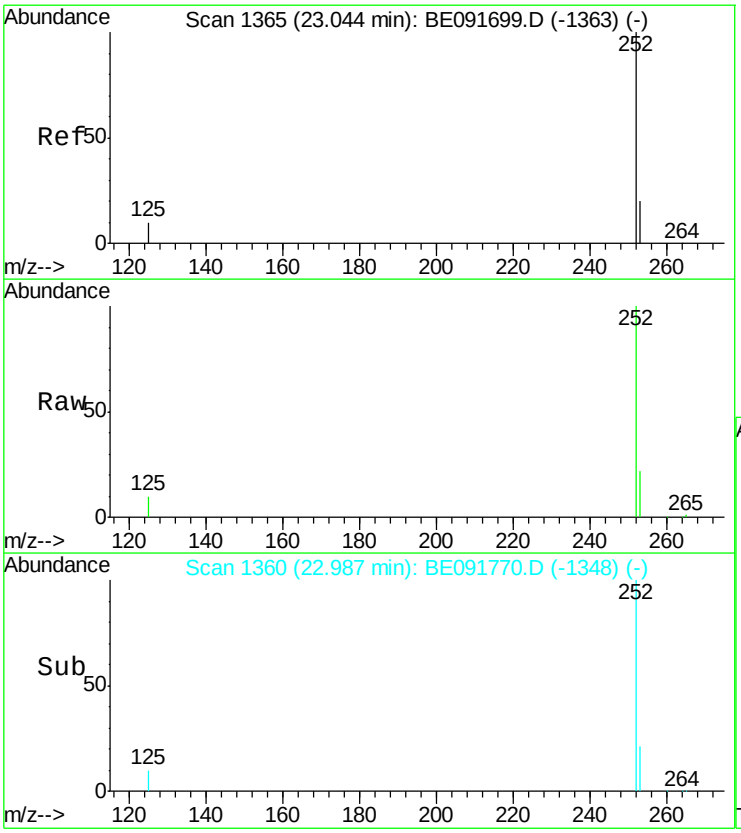
#36
Benzo(b)fluoranthene
Concen: 1.39 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:252 Resp: 90212

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.0	10.2	15.2#

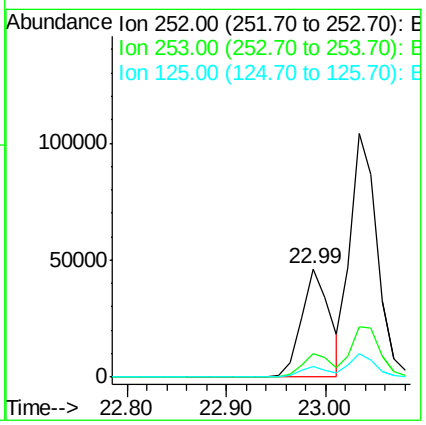


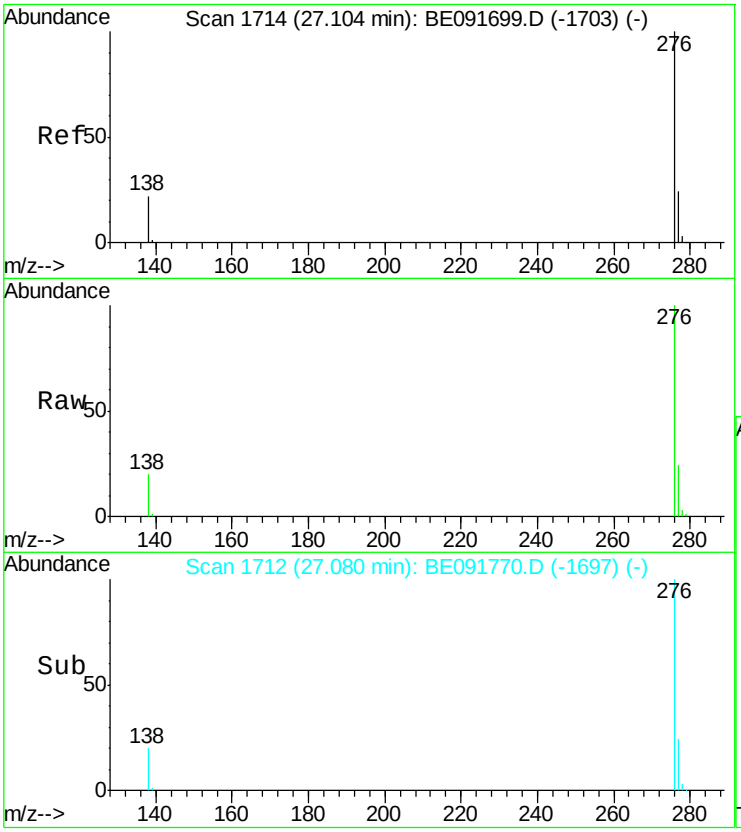


#37
Benzo(k)fluoranthene
Concen: 1.37 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.06 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Tgt Ion:252 Resp: 90192

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.0	9.9	14.9





#40
Benzo(g,h,i)perylene
Concen: 1.40 ng
RT: 27.08 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE091770.D
Acq: 10 May 2016 23:36

Instrument :
BNA_E
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:276 Resp: 82446

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	19.9	20.4	30.6#