Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089961.D
Acq On : 27 Jun 2015 3:59
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SIM-SOIL-0.2PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jun 27 06:30:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25859	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	126255	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	77792	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	187858	5.00	ng		0.00
25) Chrysene-d12	21.14	240	203133	5.00	ng		0.00
32) Perylene-d12	23.47	264	180033	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	49393	10.58	ng		0.00
5) Phenol-d6	6.81	99	84493	11.81	ng		0.00
7) Nitrobenzene-d5	8.77	82	61416	6.53	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	9695	7.10	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	153061	6.75	ng		0.00
27) Terphenyl-d14	19.60	244	239769	6.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	377	0.10	ng	#	95
3) n-Nitrosodimethylamine	3.55	42	482	0.10	ng	#	92
8) Nitrobenzene	8.81	77	1192	0.12	ng		98
9) Naphthalene	10.44	128	3245	0.12	ng		95
10) Hexachlorobutadiene	10.74	225	506	0.11	ng		99
11) 2-Methylnaphthalene	12.05	142	2155	0.11	ng		97
15) Acenaphthylene	13.95	152	14136	0.10	ng		100
16) Acenaphthene	14.30	154	2209	0.11	ng		97
17) Fluorene	15.29	166	2965	0.11	ng		95
19) 4-Bromophenyl-phenylether	16.18	248	851	0.11	ng		97
20) Hexachlorobenzene	16.30	284	3820	0.11	ng		97
21) Pentachlorophenol	16.65	266	176	0.53	ng		89
22) Phenanthrene	17.01	178	5451	0.12	ng		98
23) Anthracene	17.12	178	4558	0.10	ng		98
24) Fluoranthene	19.02	202	5285	0.10	ng		100
26) Pyrene	19.38	202	5771	0.11	ng		99
28) Benzo(a)anthracene	21.12	228	5858	0.12	ng		97
29) Chrysene	21.17	228	5735	0.11	ng		99
30) Bis(2-ethylhexyl)phthalate	21.07	149	622	0.15	ng	#	99
31) Indeno(1,2,3-cd)pyrene	25.88	276	3761	0.10	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	3999	0.11	ng	#	93
34) Benzo(k)fluoranthene	22.80	252	4374	0.10	ng	#	94
35) Benzo(a)pyrene	23.36	252	3442	0.10	ng	#	92
36) Dibenzo(a,h)anthracene	25.90	278	2843	0.09	ng	#	90
37) Benzo(g,h,i)perylene	26.62	276	3395	0.10	ng		92

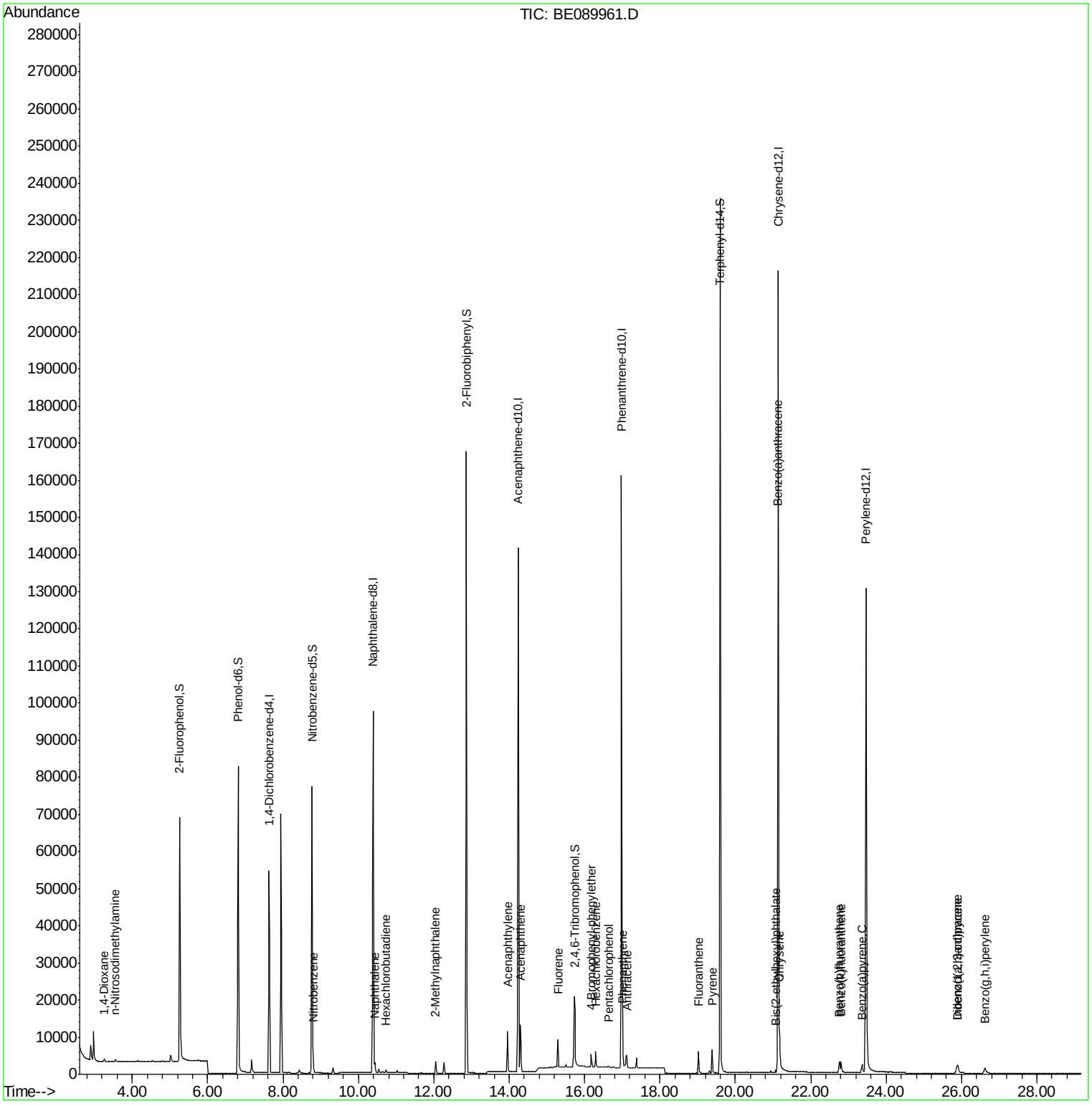
(#) = qualifier out of range (m) = manual integration (+) = signals summed

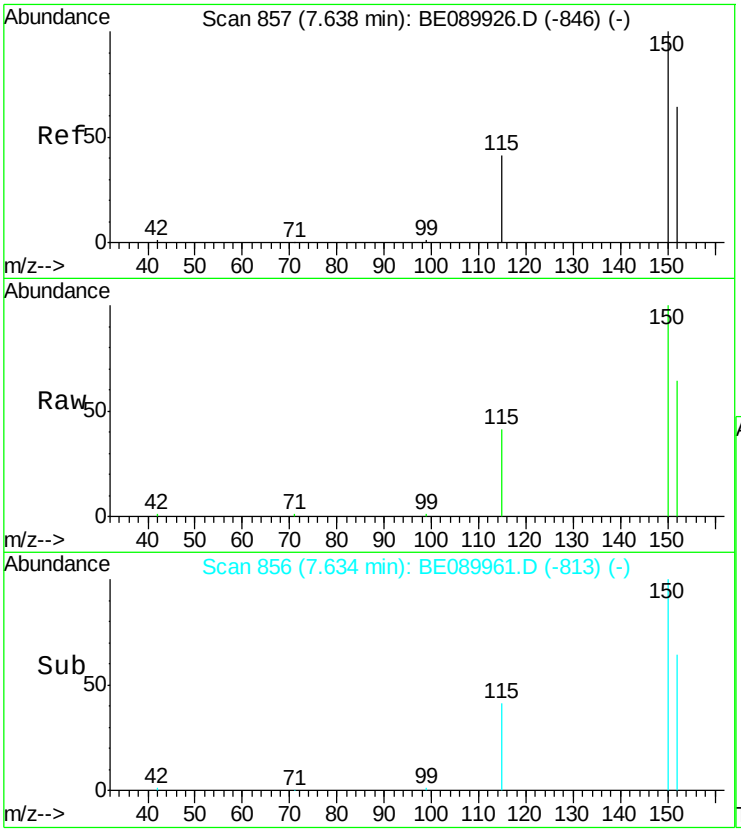
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089961.D
Acq On : 27 Jun 2015 3:59
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SIM-SOIL-0.2PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Quant Time: Jun 27 06:30:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



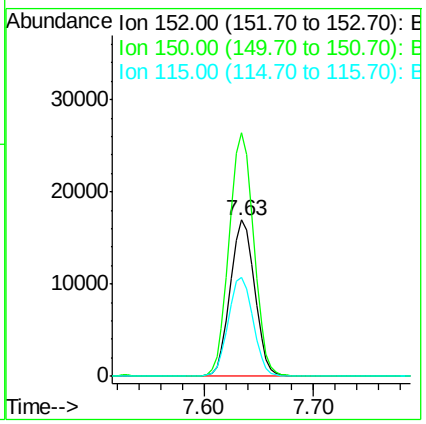


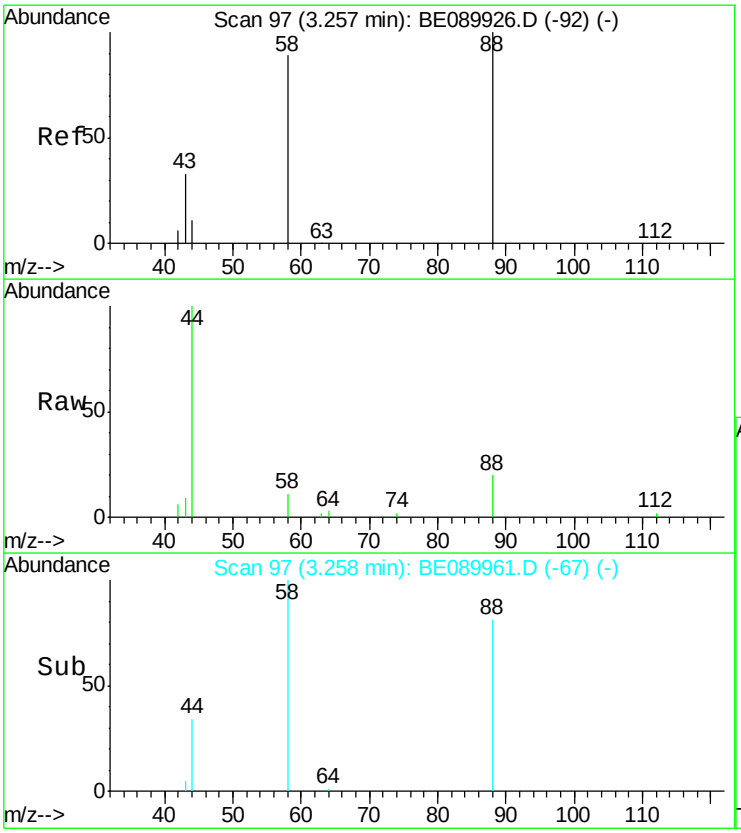
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:152 Resp: 25859

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	63.8	51.6	77.4

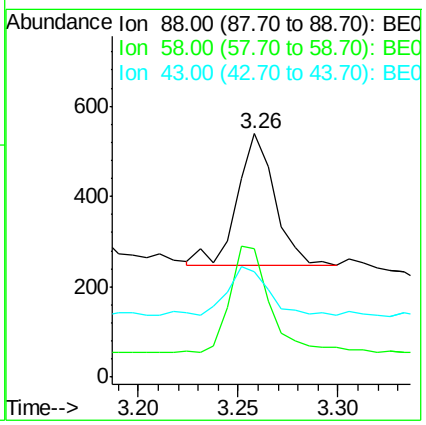


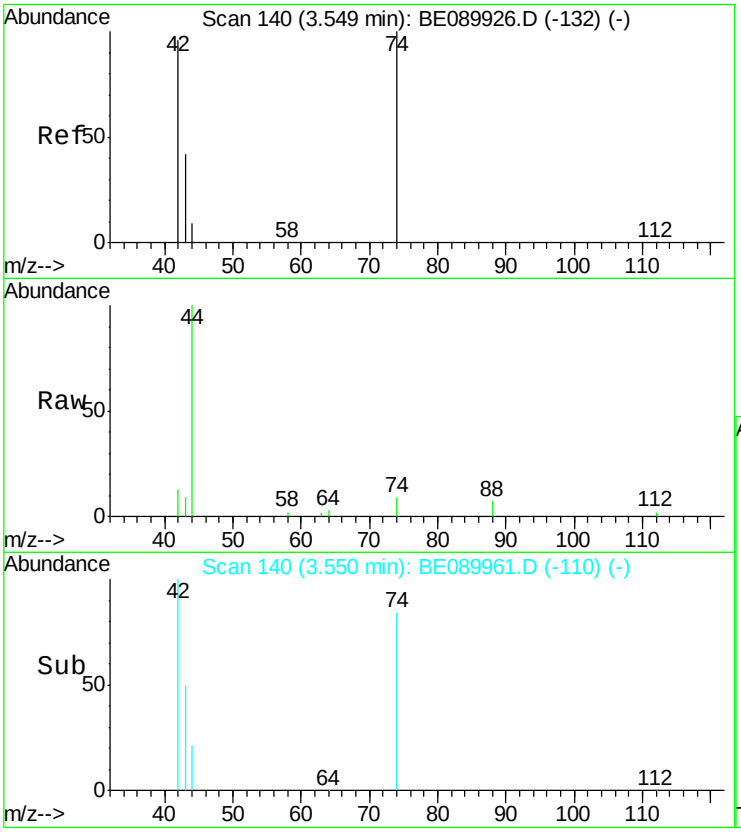


#2
1,4-Dioxane
Concen: 0.10 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
58	89.7	70.8	106.2
43	42.7	26.8	40.2#



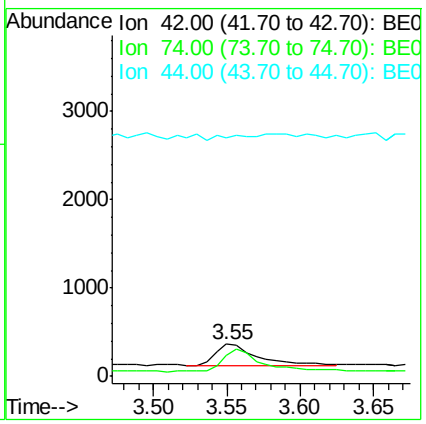


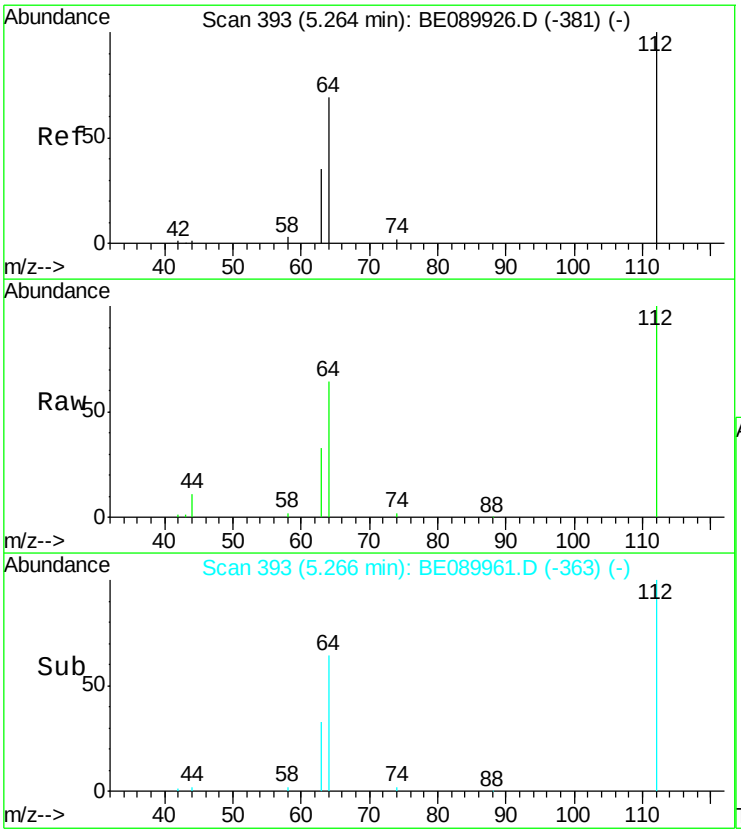
#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.55 min Scan# 140
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
74	101.0	85.4	128.2
44	21.8	8.4	12.6#

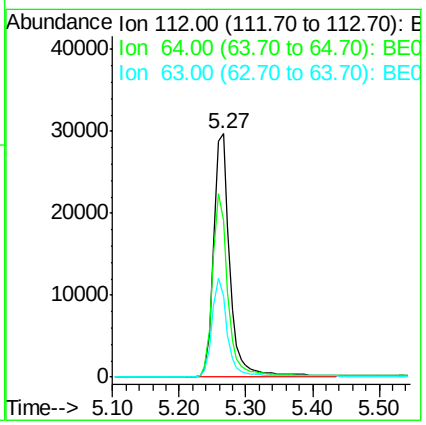


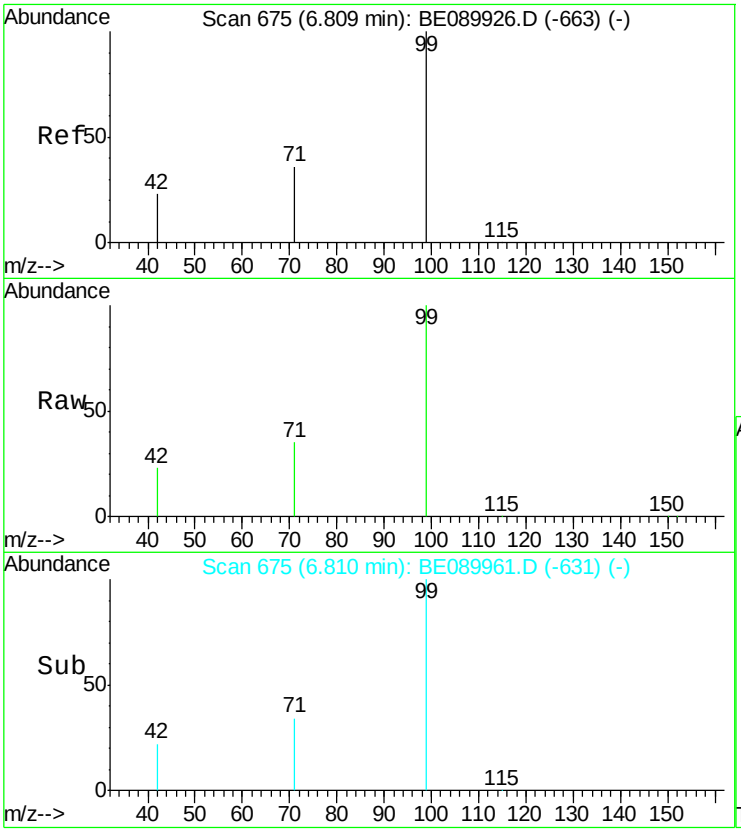


#4
2-Fluorophenol
Concen: 10.58 ng
RT: 5.27 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:112 Resp: 49393

Ion	Ratio	Lower	Upper
112	100		
64	72.4	57.4	86.2
63	38.9	31.2	46.8



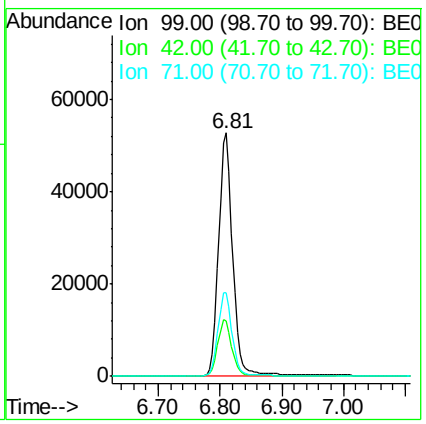


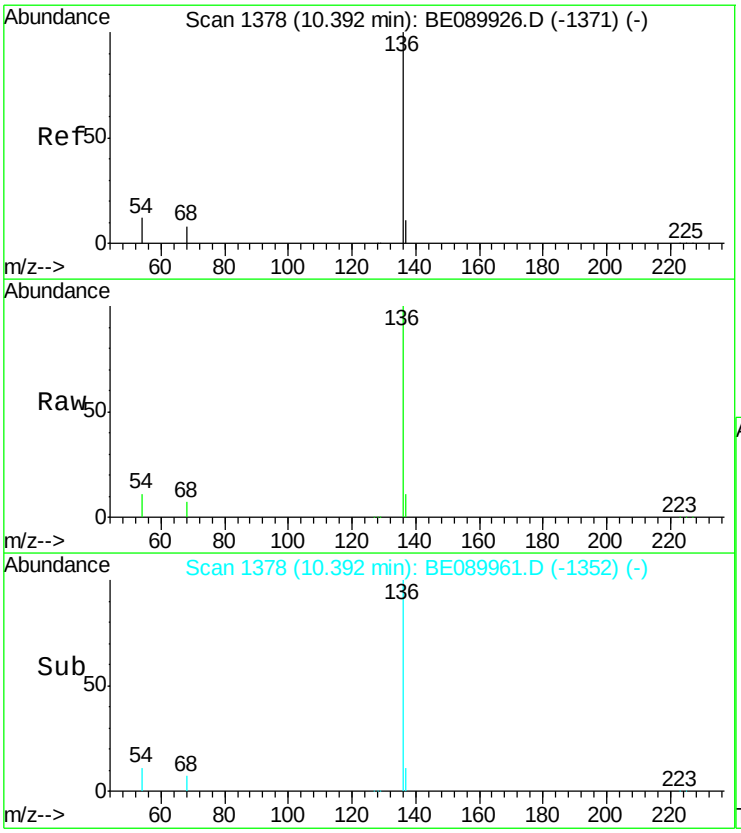
#5
Phenol-d6
Concen: 11.81 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 99 Resp: 84493

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.5	29.3
71	35.1	27.8	41.6

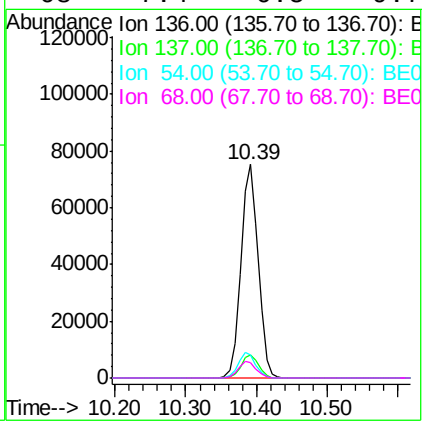


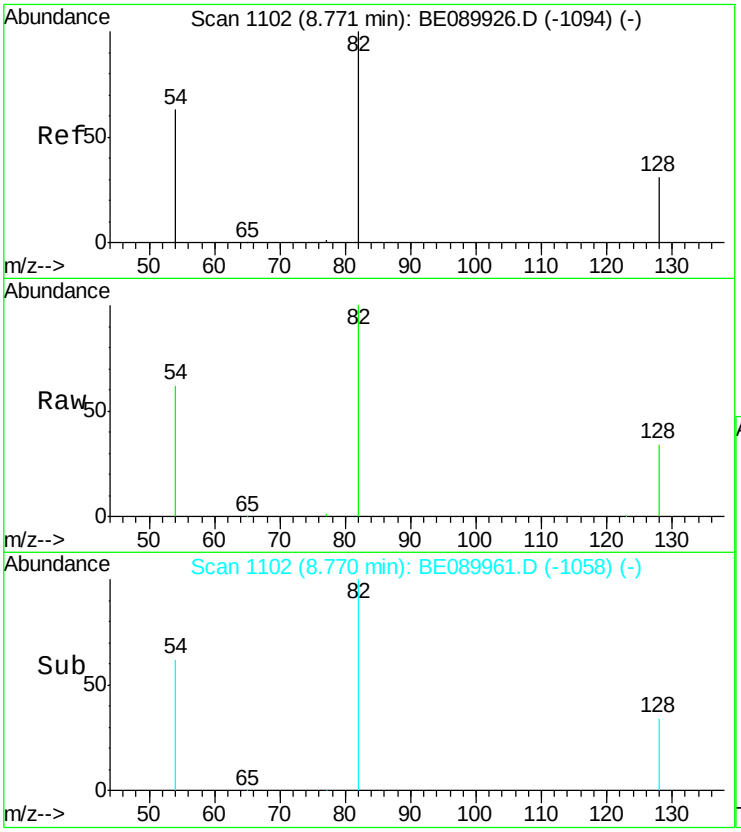


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:136 Resp: 126255

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.0	9.7	14.5
68	7.4	6.5	9.7



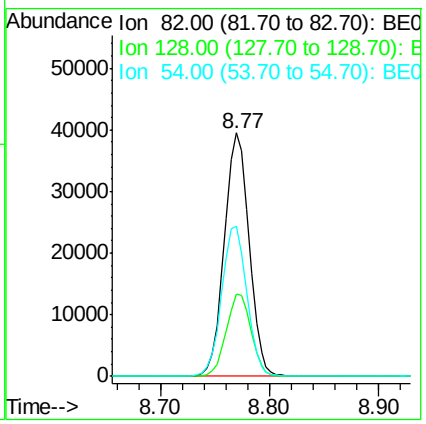


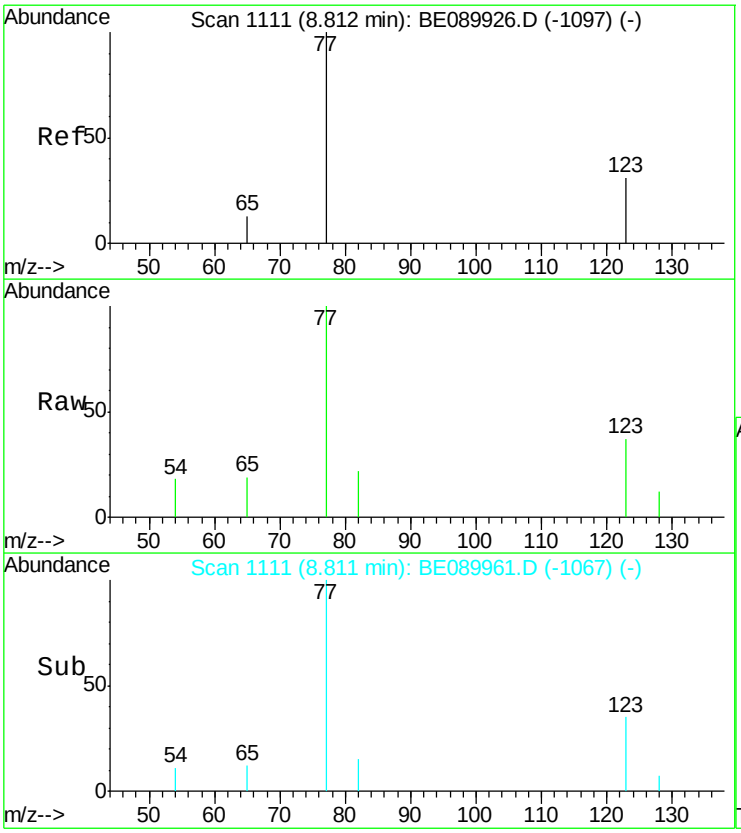
#7
Nitrobenzene-d5
Concen: 6.53 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 82 Resp: 61416

Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.6	38.4
54	61.6	51.2	76.8

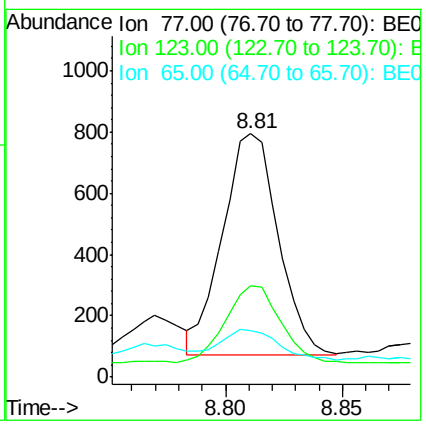


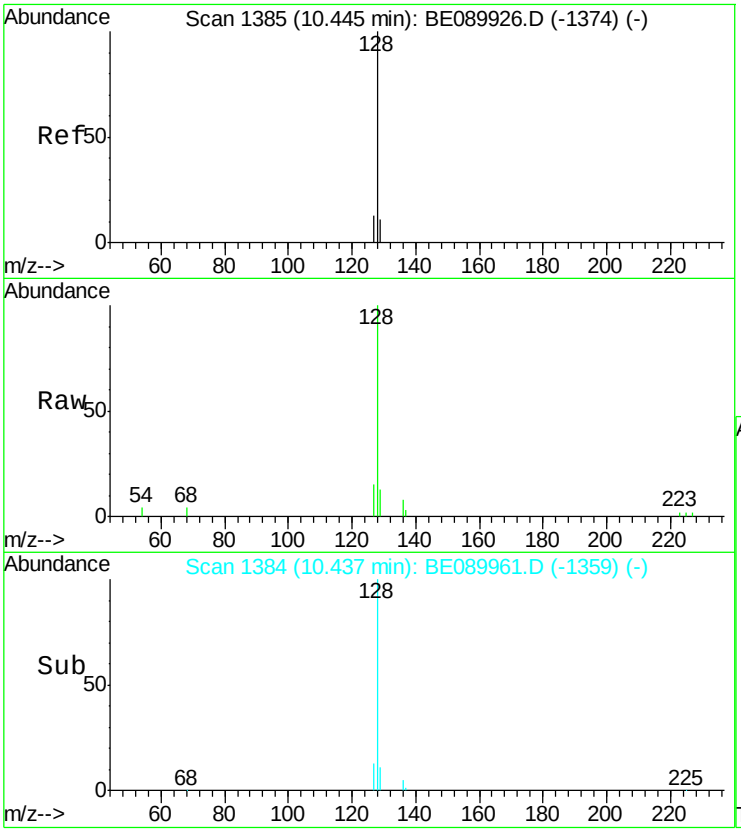


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion: 77 Resp: 1192

Ion	Ratio	Lower	Upper
77	100		
123	34.1	26.6	39.8
65	13.7	10.2	15.4



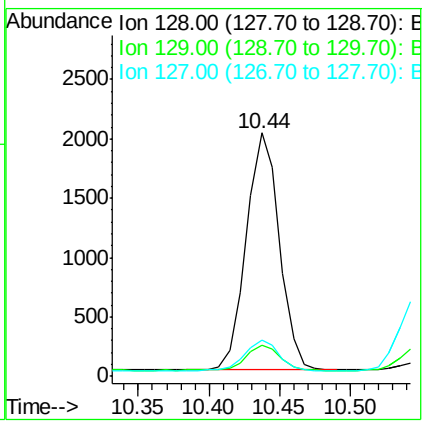


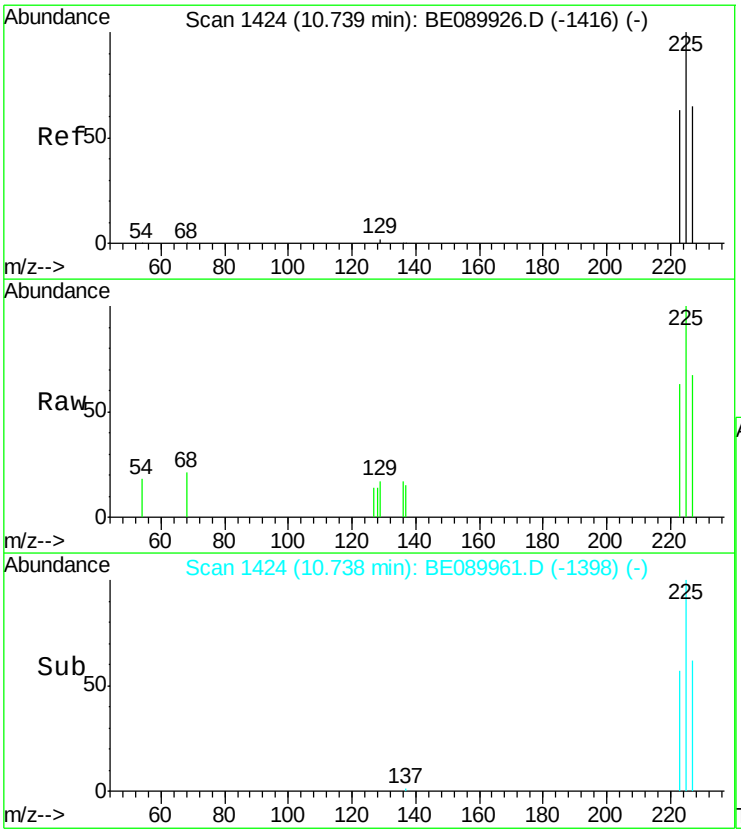
#9
Naphthalene
Concen: 0.12 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:128 Resp: 3245

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.9	13.3
127	15.0	10.2	15.4

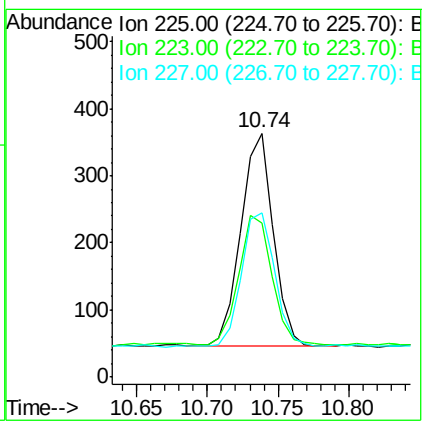


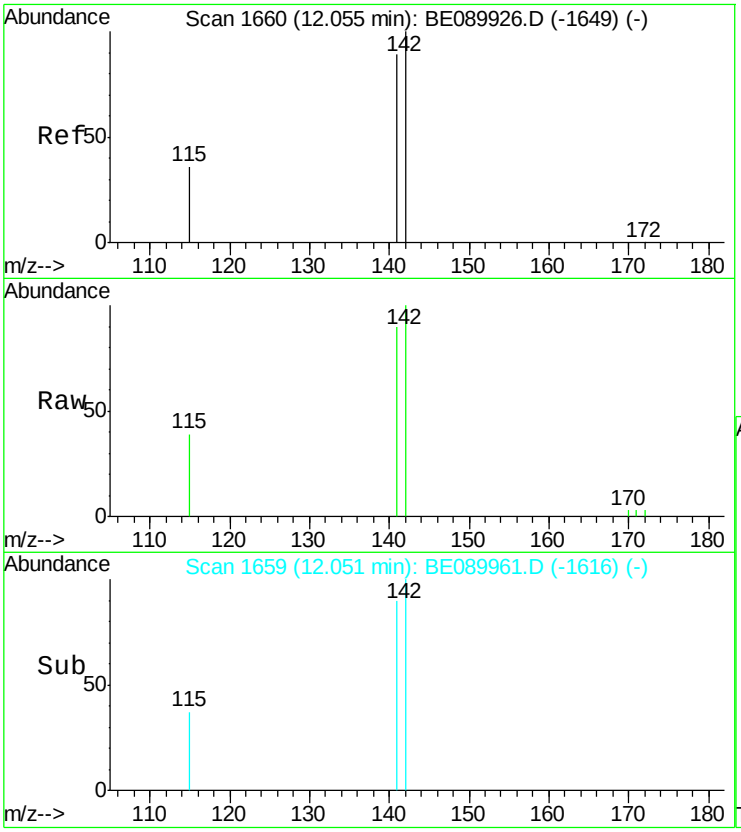


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:225 Resp: 506

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.0	75.0
227	63.8	50.7	76.1



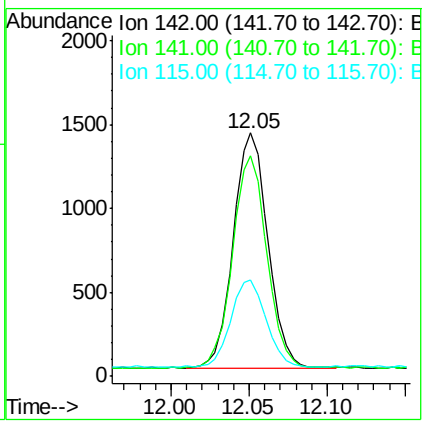


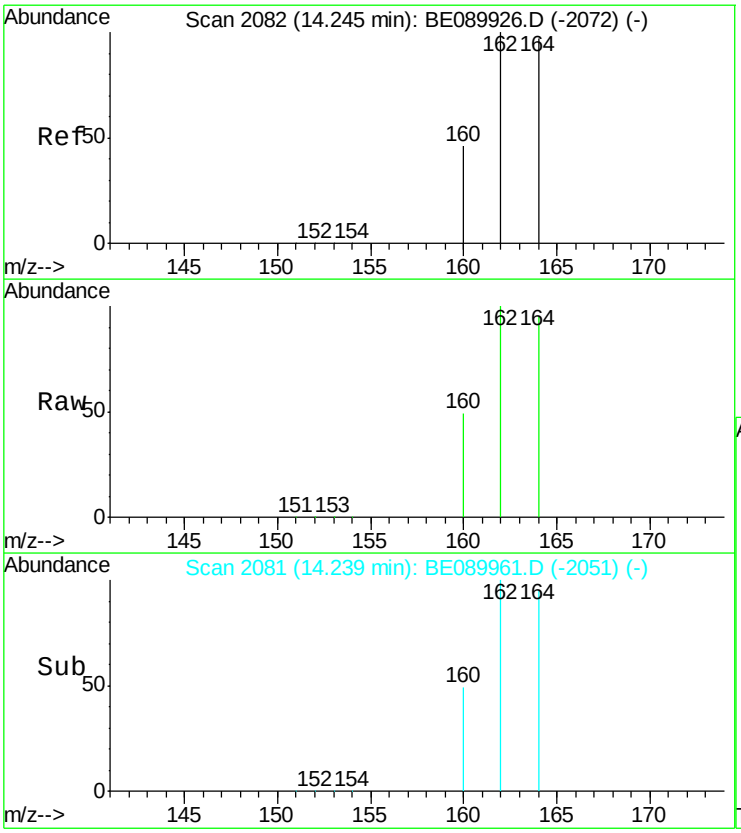
#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:142 Resp: 2155

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.1	106.7
115	39.4	29.1	43.7

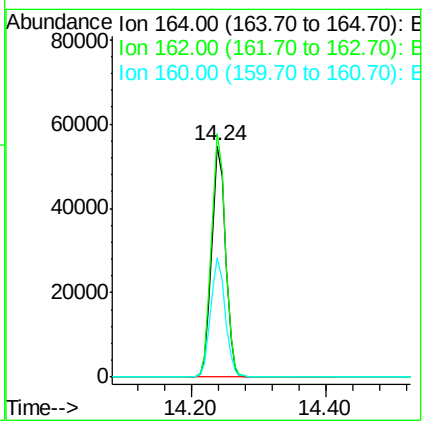


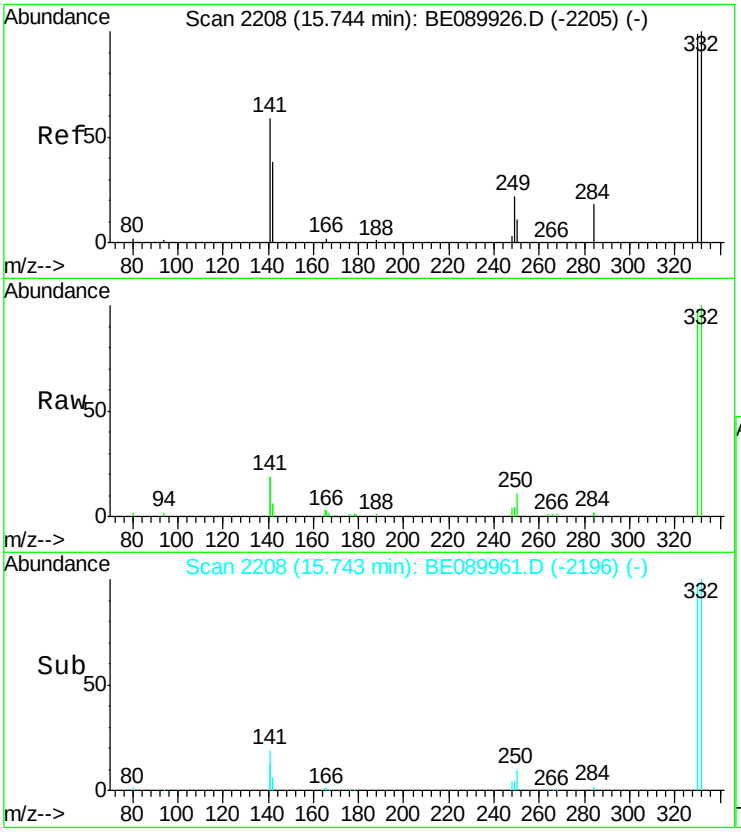


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:164 Resp: 77792

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.7	124.1
160	51.9	38.3	57.5



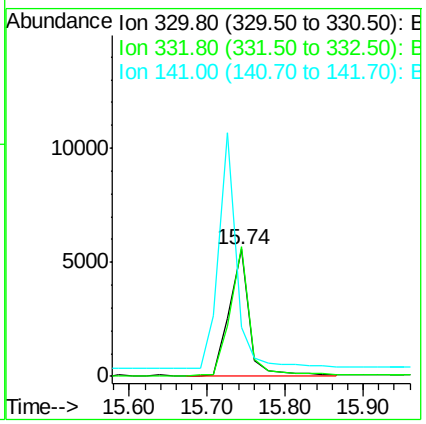


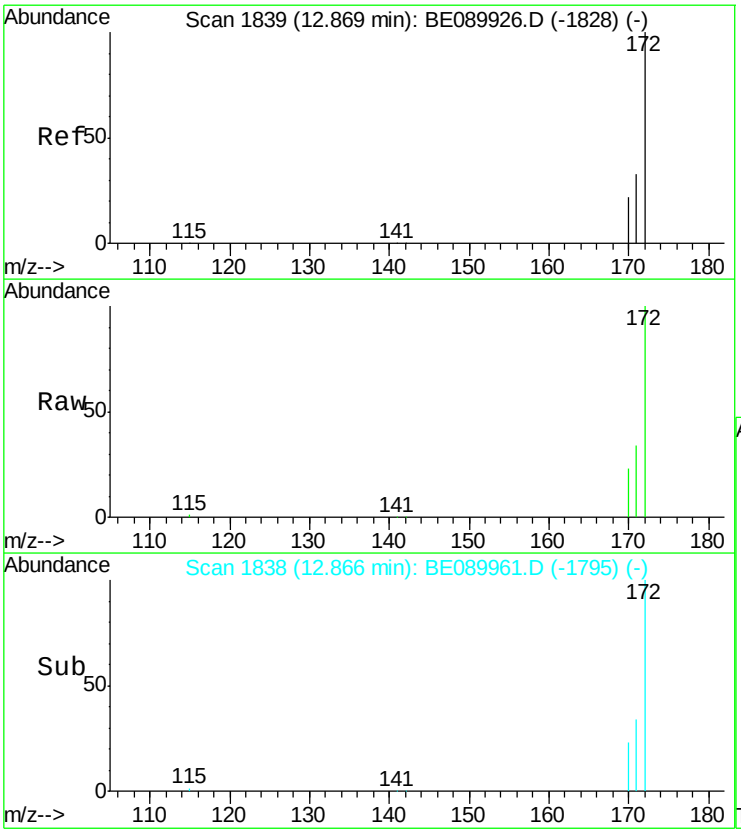
#13
2,4,6-Tribromophenol
Concen: 7.10 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:330 Resp: 9695

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.9	116.9
141	172.4	142.8	214.2

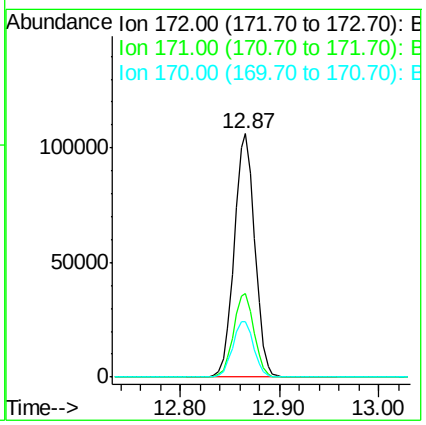


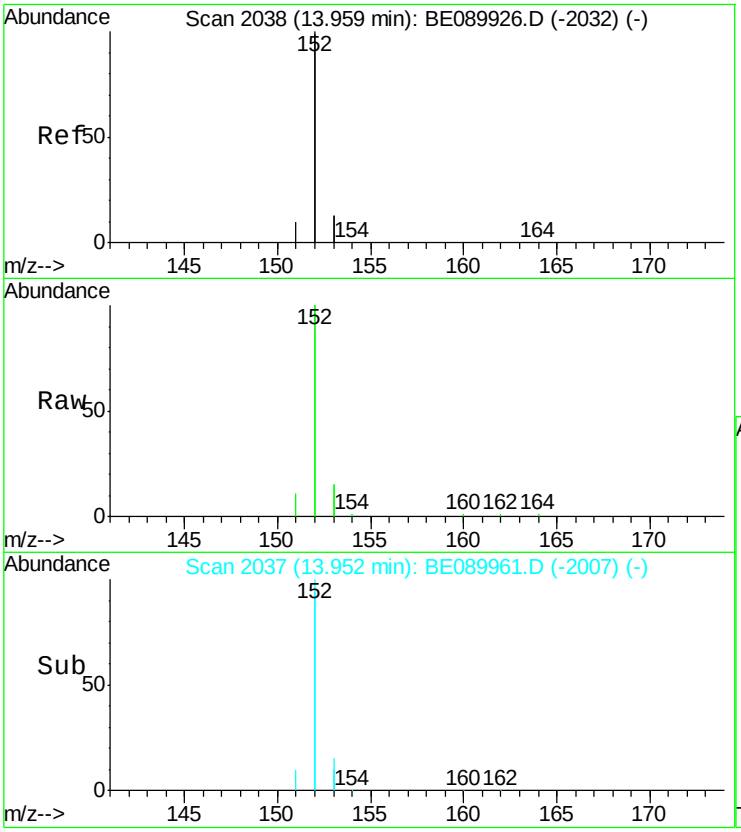


#14
2-Fluorobiphenyl
Concen: 6.75 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:172 Resp: 153061

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	23.0	17.5	26.3



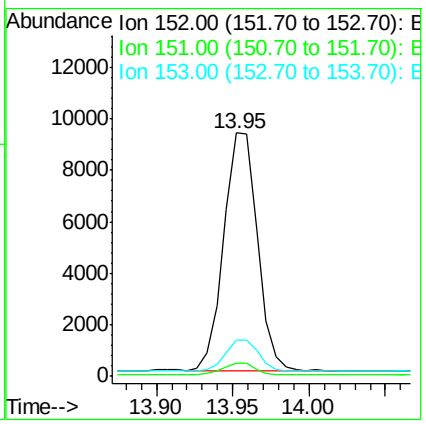


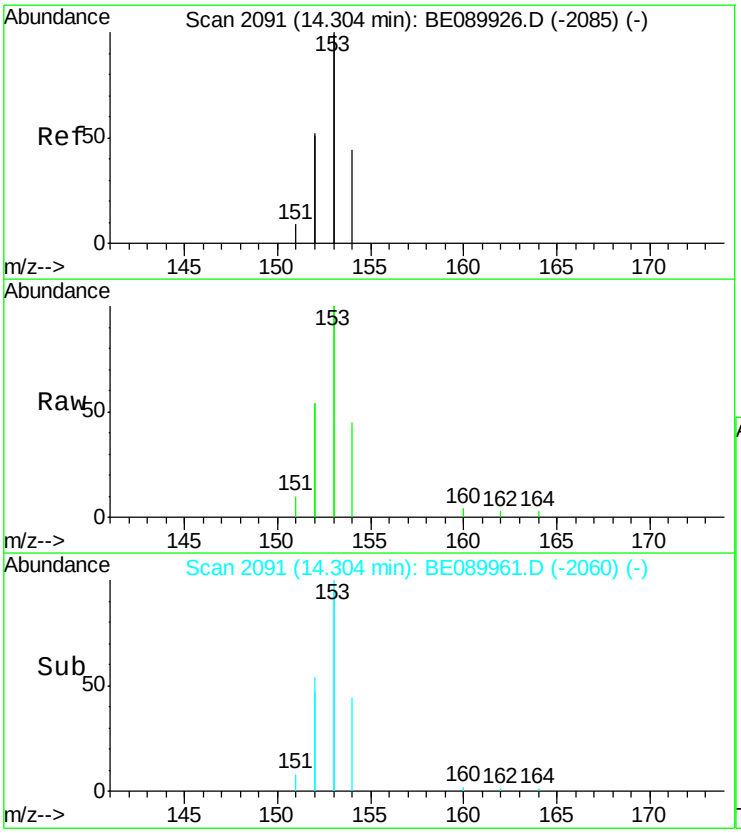
#15
Acenaphthylene
Concen: 0.10 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:152 Resp: 14136

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

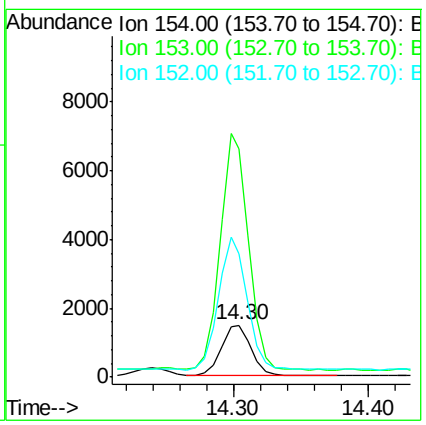


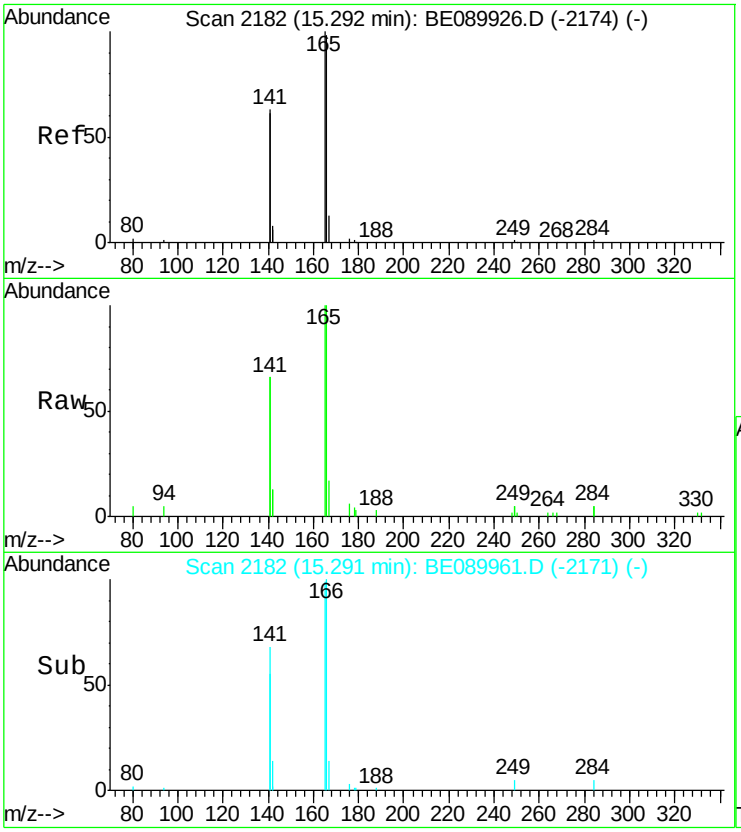


#16
Acenaphthene
Concen: 0.11 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:154 Resp: 2209

Ion	Ratio	Lower	Upper
154	100		
153	454.2	362.8	544.2
152	258.6	194.6	291.8



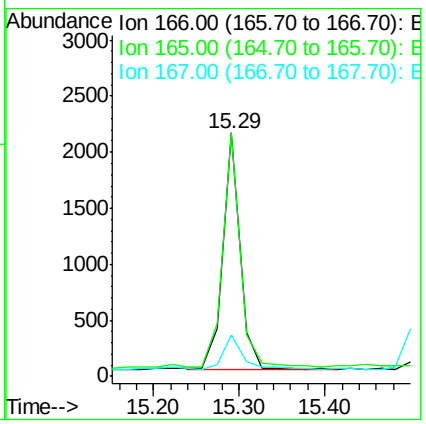


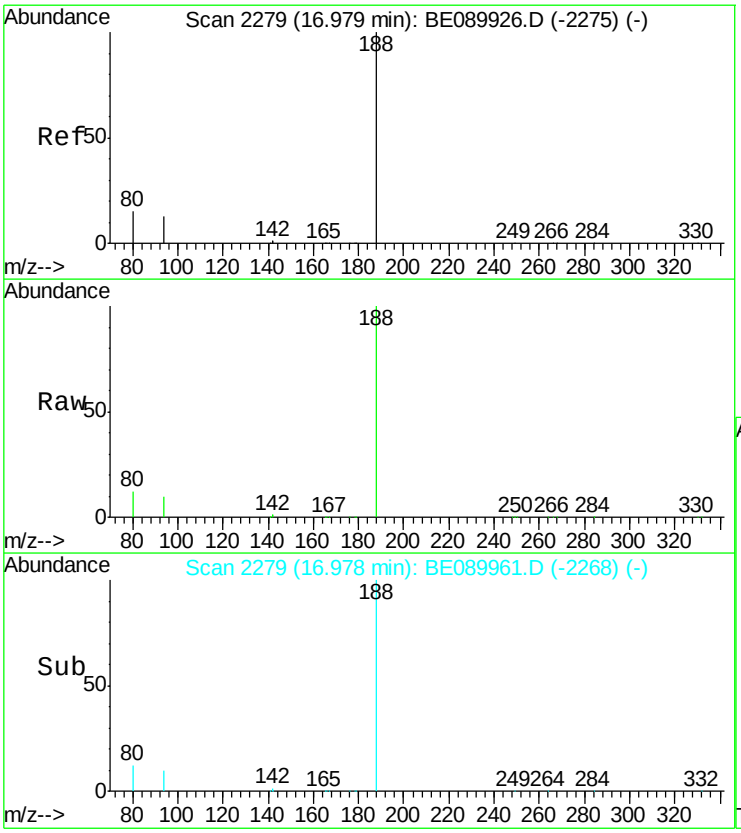
#17
Fluorene
Concen: 0.11 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:166 Resp: 2965

Ion	Ratio	Lower	Upper
166	100		
165	106.4	81.1	121.7
167	17.1	11.8	17.8

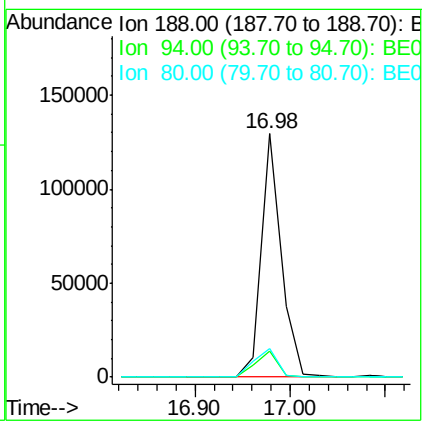


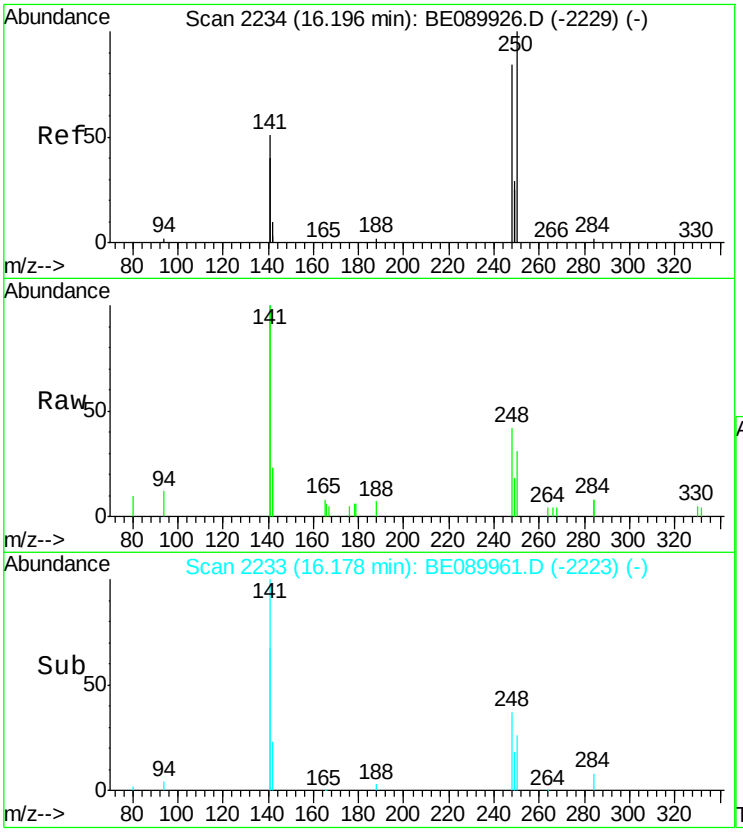


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:188 Resp: 187858

Ion	Ratio	Lower	Upper
188	100		
94	10.4	10.6	16.0#
80	11.6	11.8	17.6#



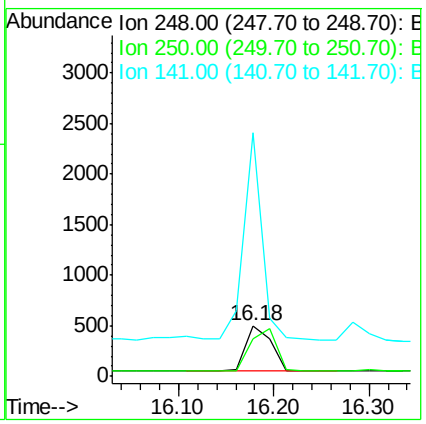


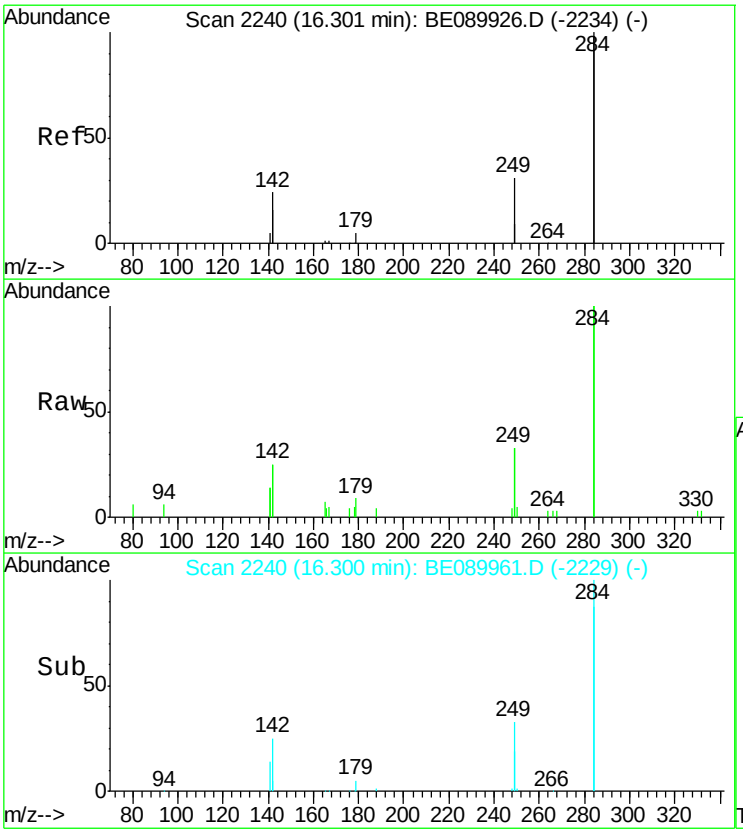
#19
4-Bromophenyl-phenylether
Concen: 0.11 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:248 Resp: 851

Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.3	118.9
141	337.0	274.1	411.1

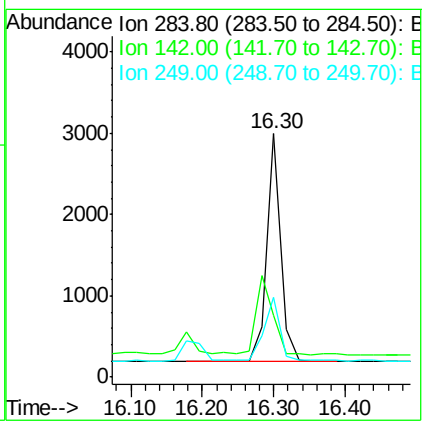


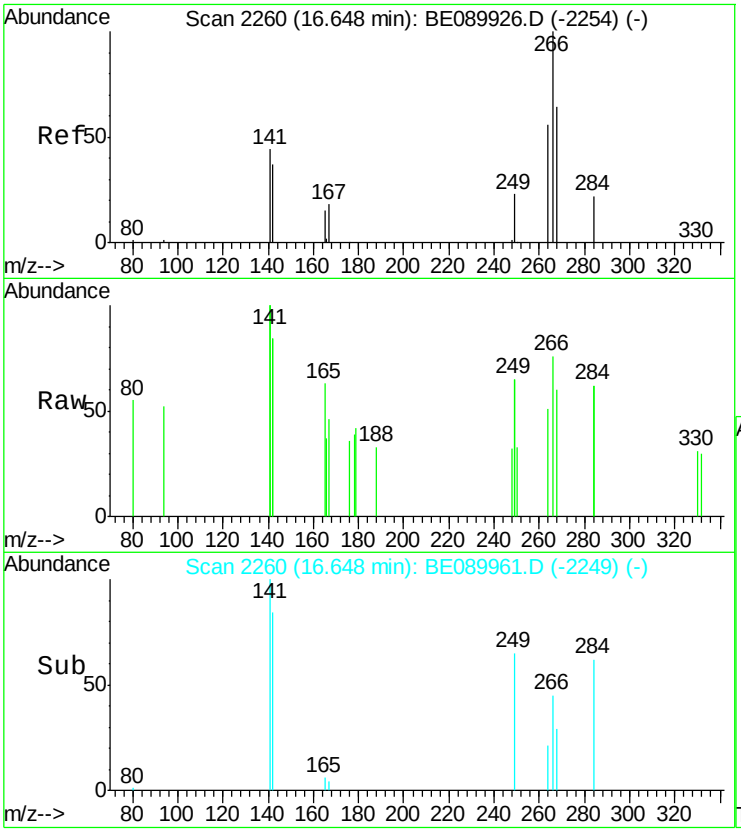


#20
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:284 Resp: 3820

Ion	Ratio	Lower	Upper
284	100		
142	42.8	32.0	48.0
249	31.6	25.0	37.6



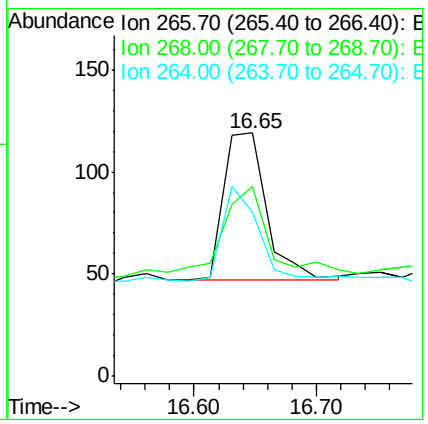


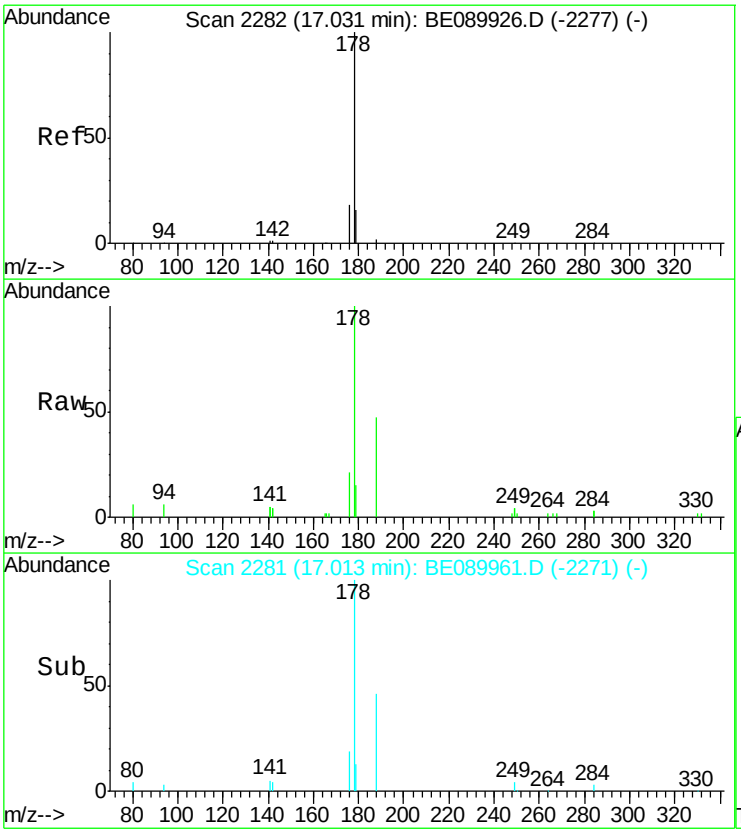
#21
Pentachlorophenol
Concen: 0.53 ng
RT: 16.65 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:266 Resp: 176

Ion	Ratio	Lower	Upper
266	100		
268	78.2	54.4	81.6
264	67.2	48.2	72.2

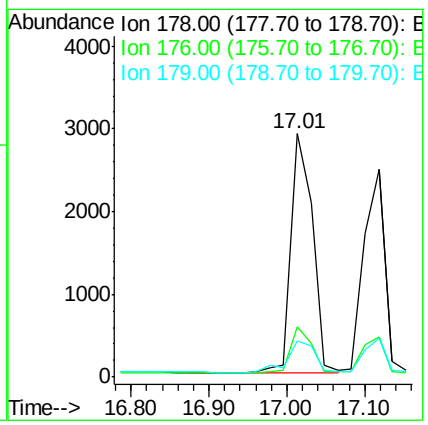


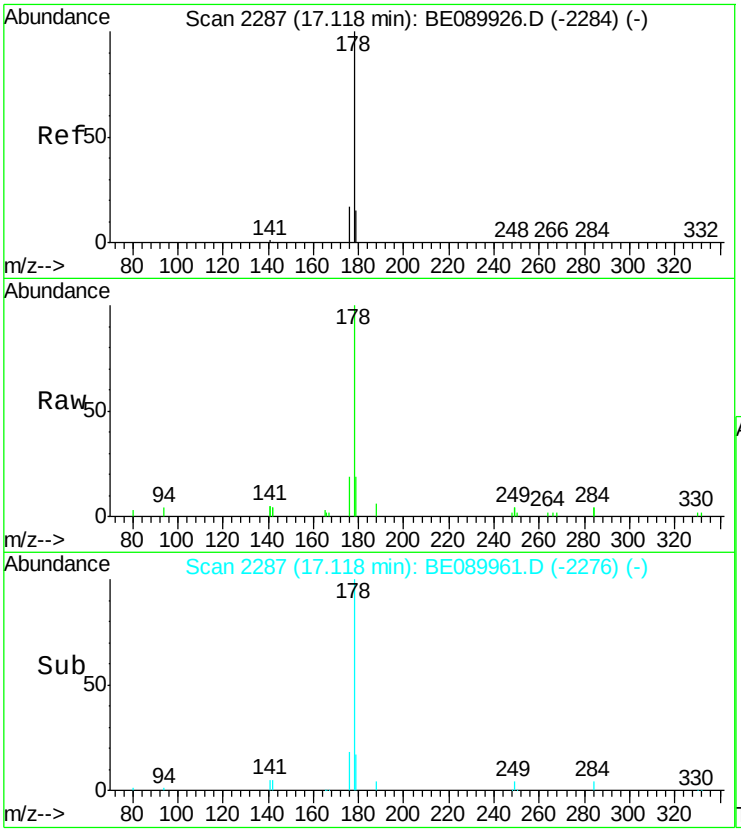


#22
Phenanthrene
Concen: 0.12 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:178 Resp: 5451

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	17.2	12.6	19.0



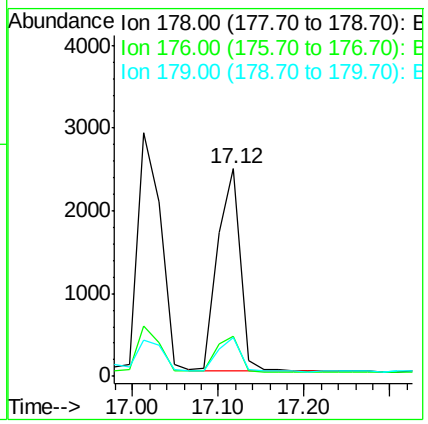


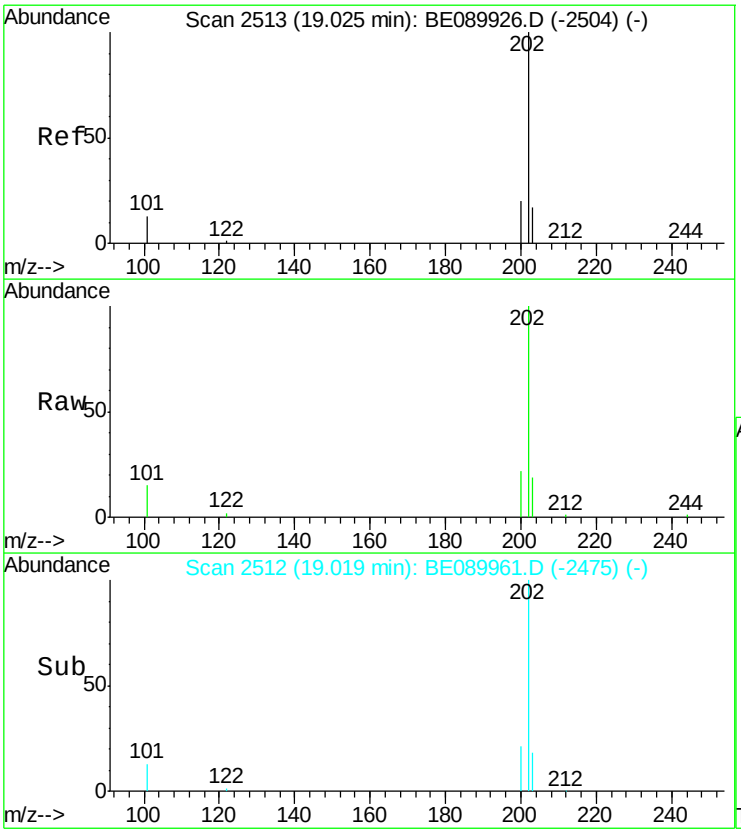
#23
Anthracene
Concen: 0.10 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:178 Resp: 4558

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	16.7	12.3	18.5

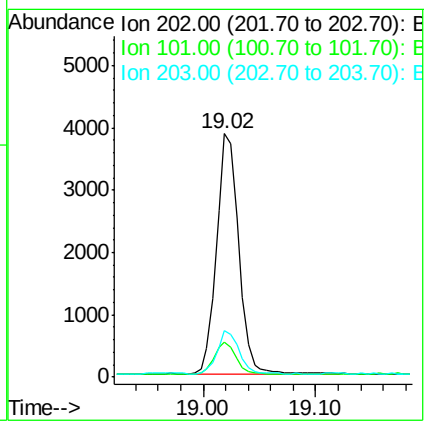


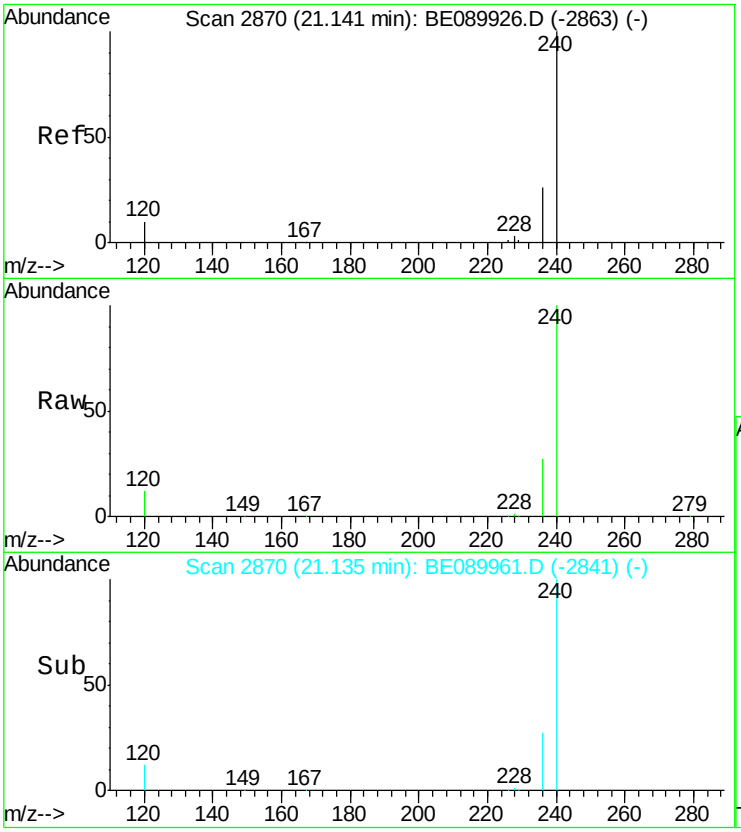


#24
Fluoranthene
Concen: 0.10 ng
RT: 19.02 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:202 Resp: 5285

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
203	17.5	13.8	20.8



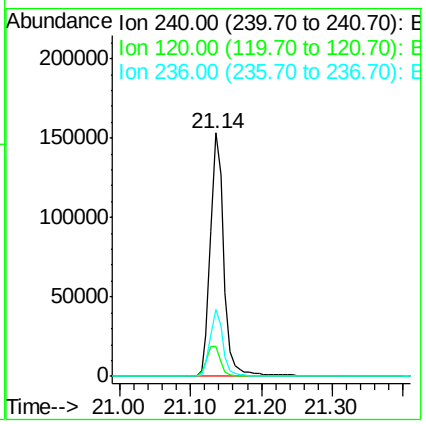


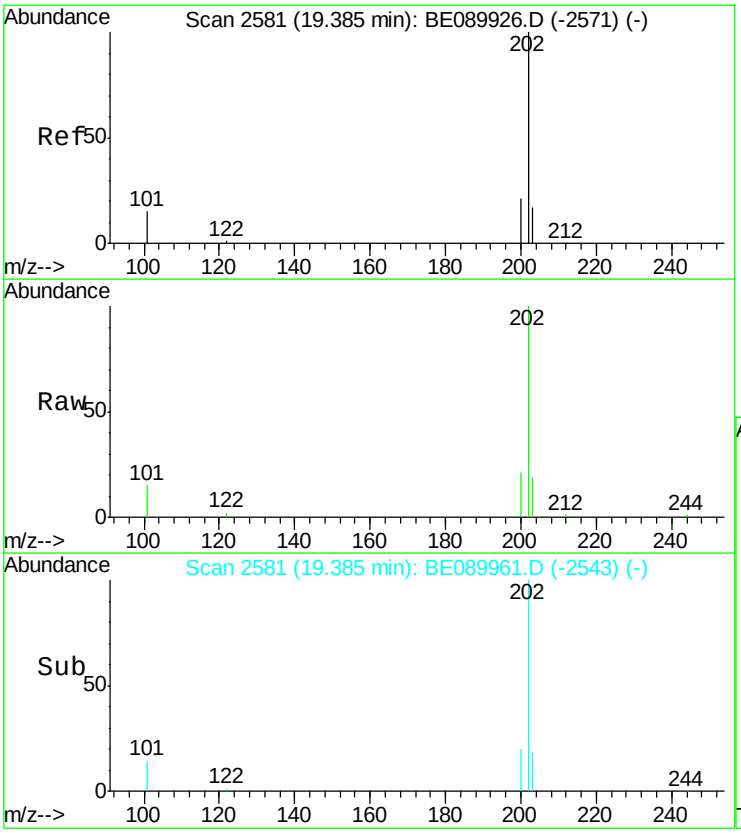
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:240 Resp: 203133

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.9	11.9#
236	27.4	21.2	31.8

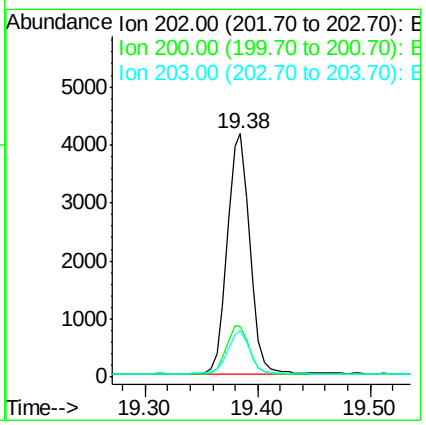


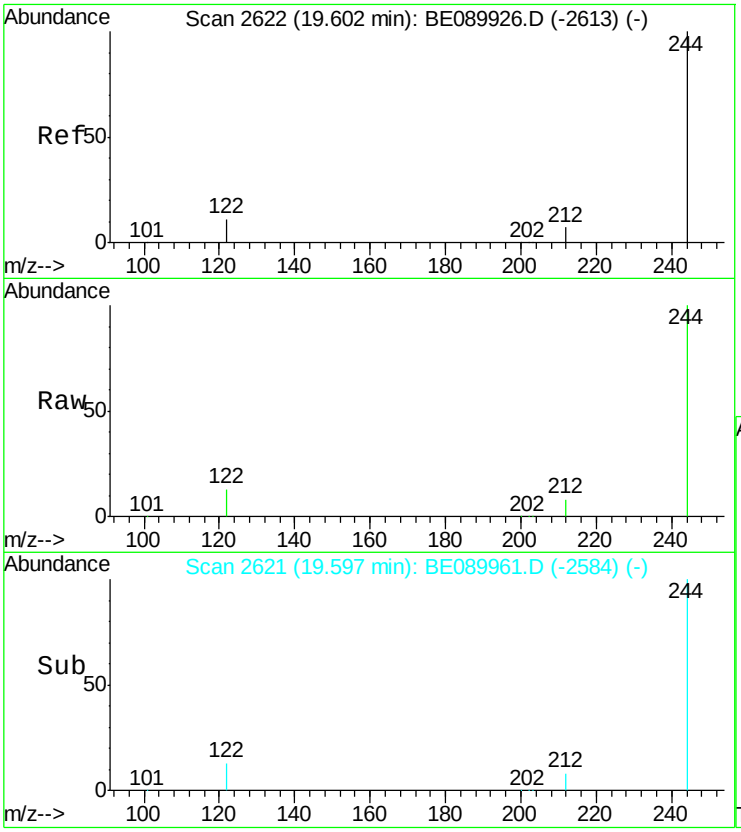


#26
Pyrene
Concen: 0.11 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:202 Resp: 5771

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	18.1	13.9	20.9



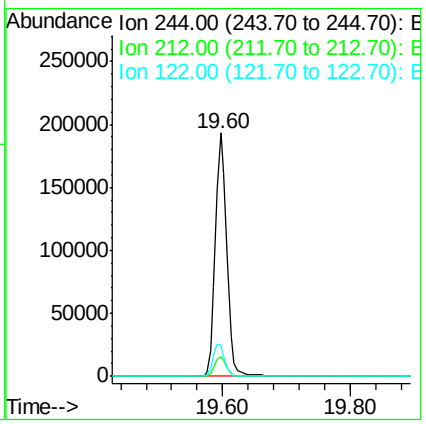


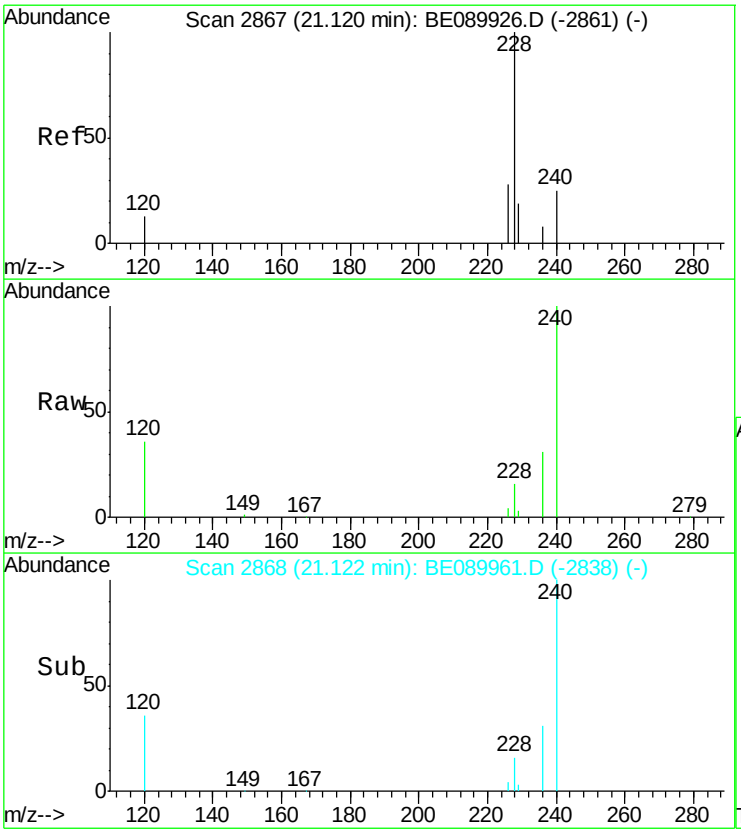
#27
Terphenyl-d14
Concen: 6.84 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:244 Resp: 239769

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.0	8.7	13.1

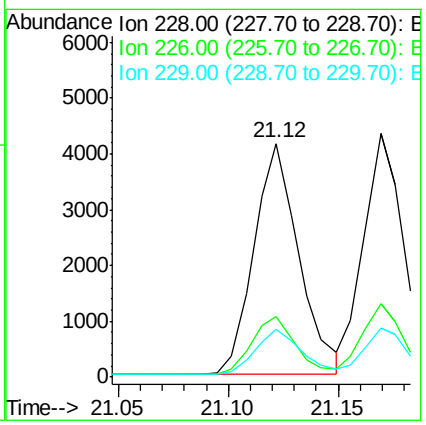


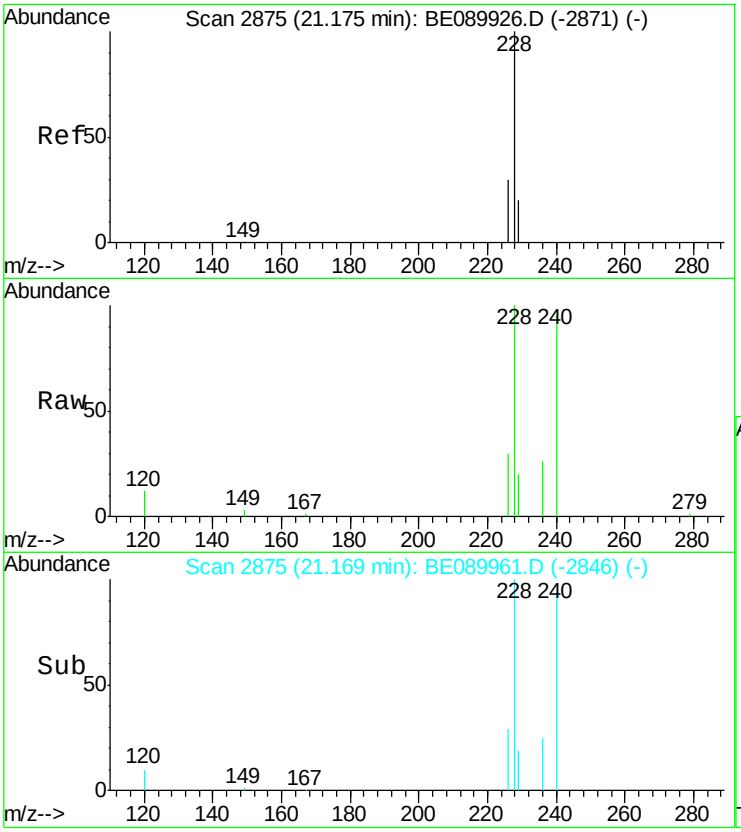


#28
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:228 Resp: 5858

Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.2	33.4
229	20.7	15.3	22.9



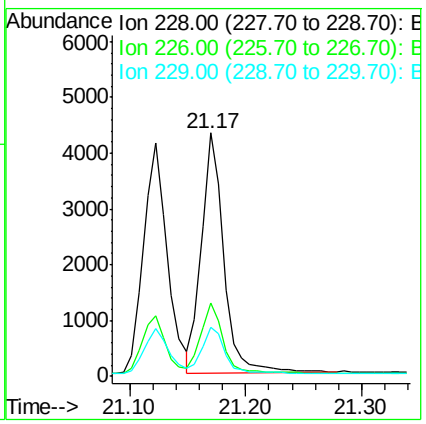


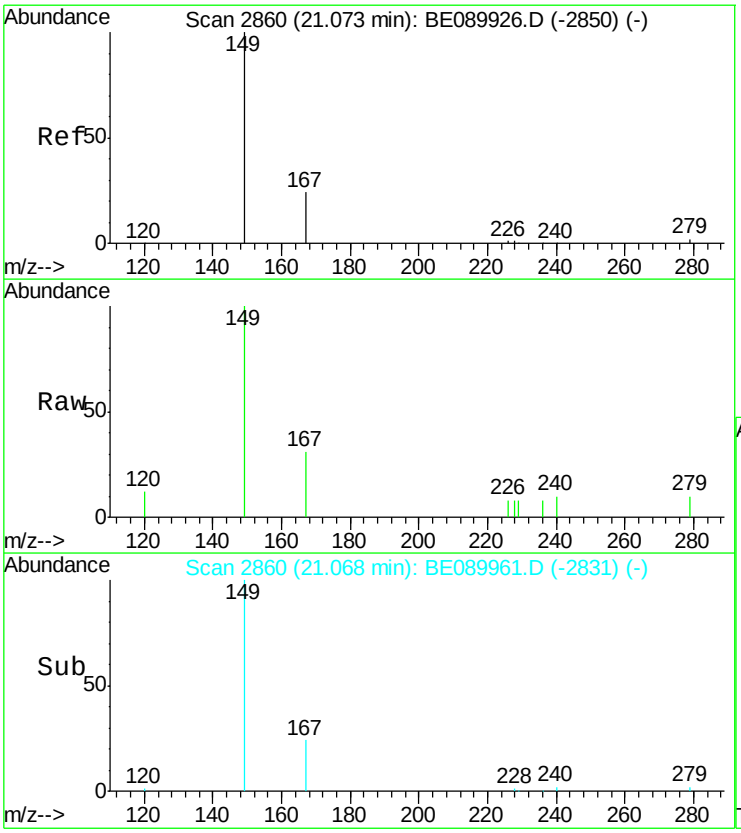
#29
Chrysene
Concen: 0.11 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:228 Resp: 5735

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	20.3	15.8	23.8

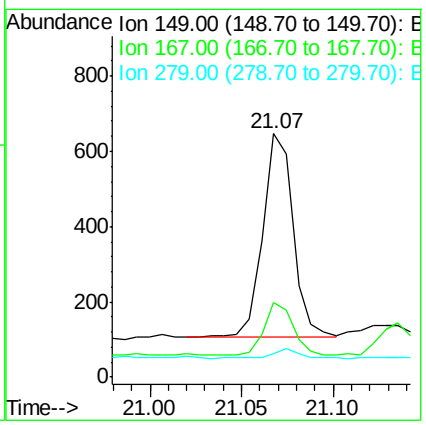


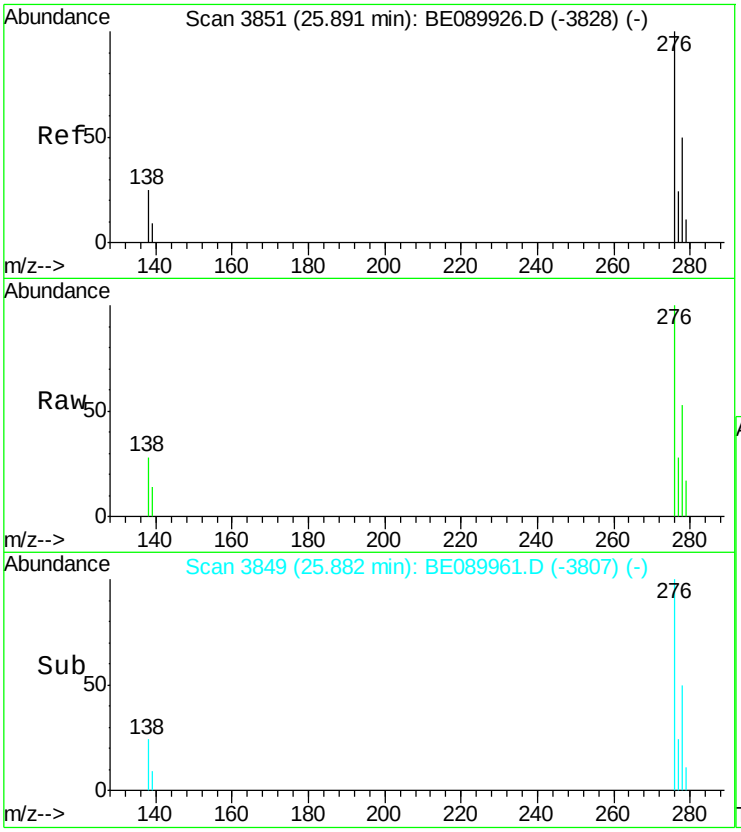


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:149 Resp: 622

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.8	2.7	4.1#



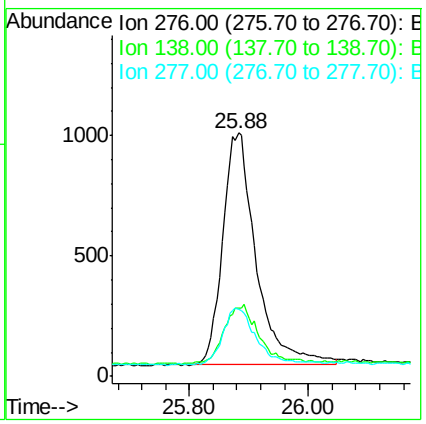


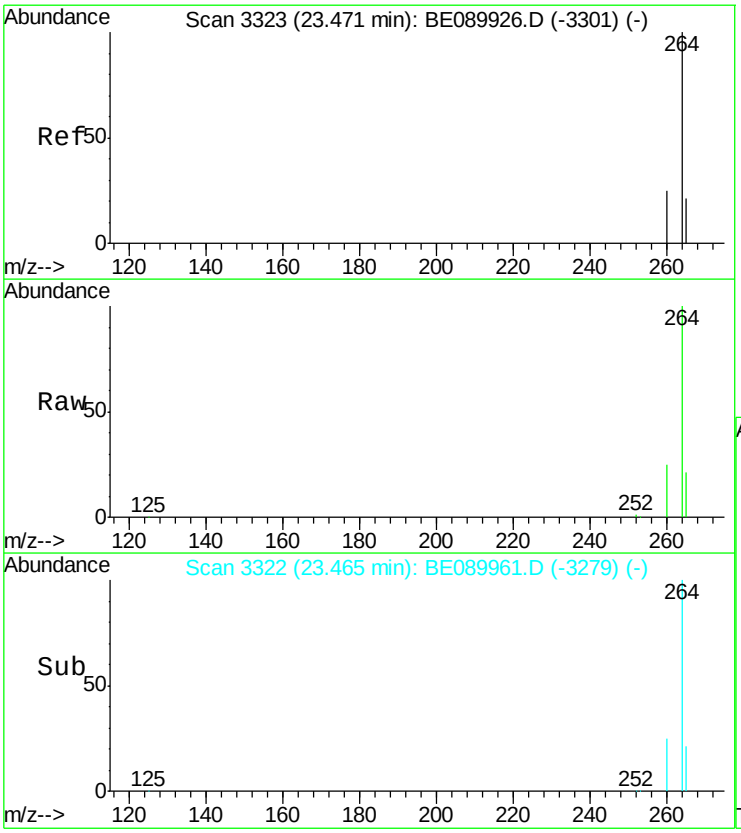
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:276 Resp: 3761

Ion	Ratio	Lower	Upper
276	100		
138	25.5	0.0	0.0#
277	23.5	0.0	0.0#

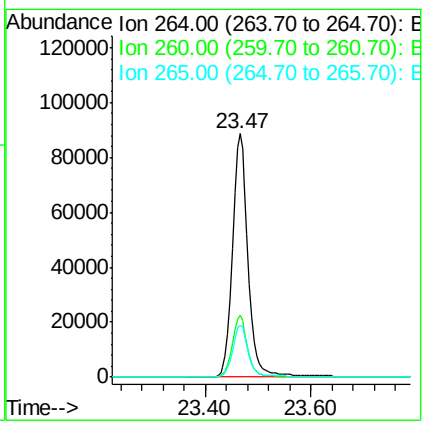


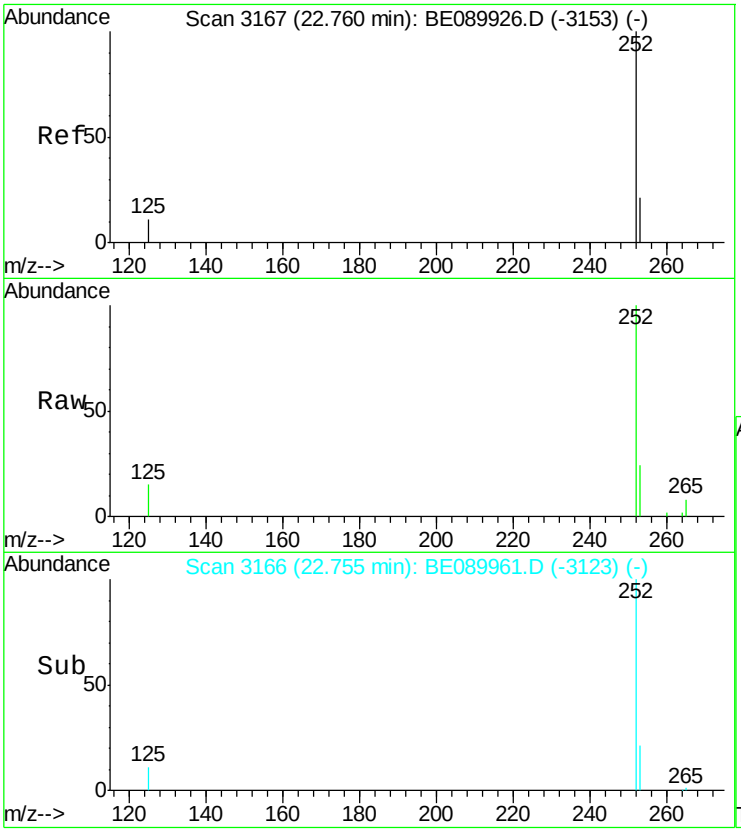


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:264 Resp: 180033

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	21.4	17.3	25.9



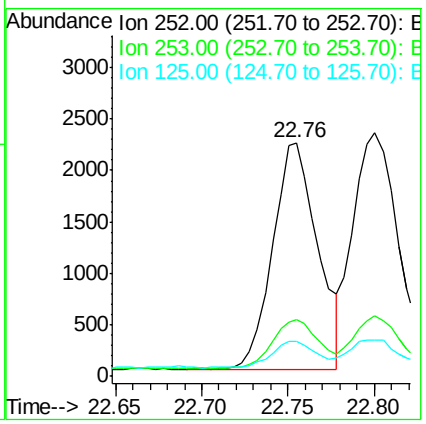


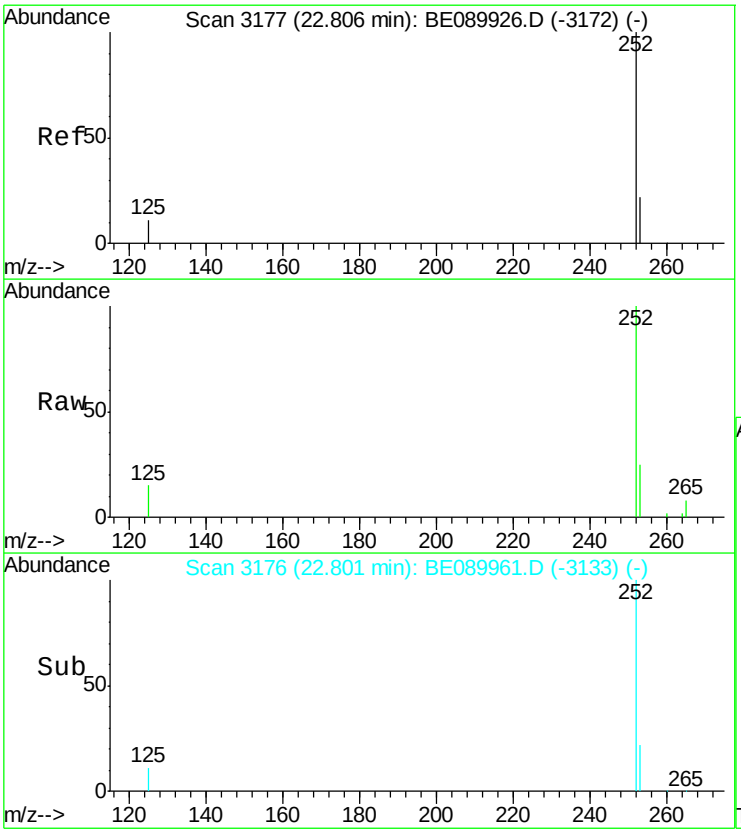
#33
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:252 Resp: 3999

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.3	25.9
125	14.8	9.3	13.9#

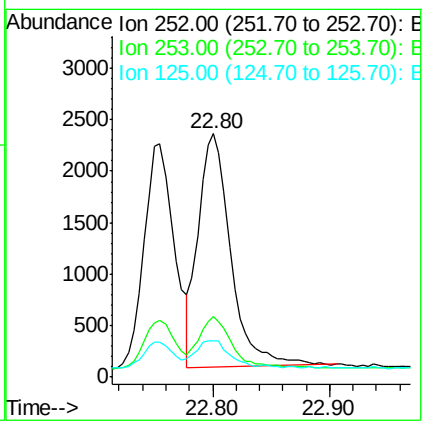


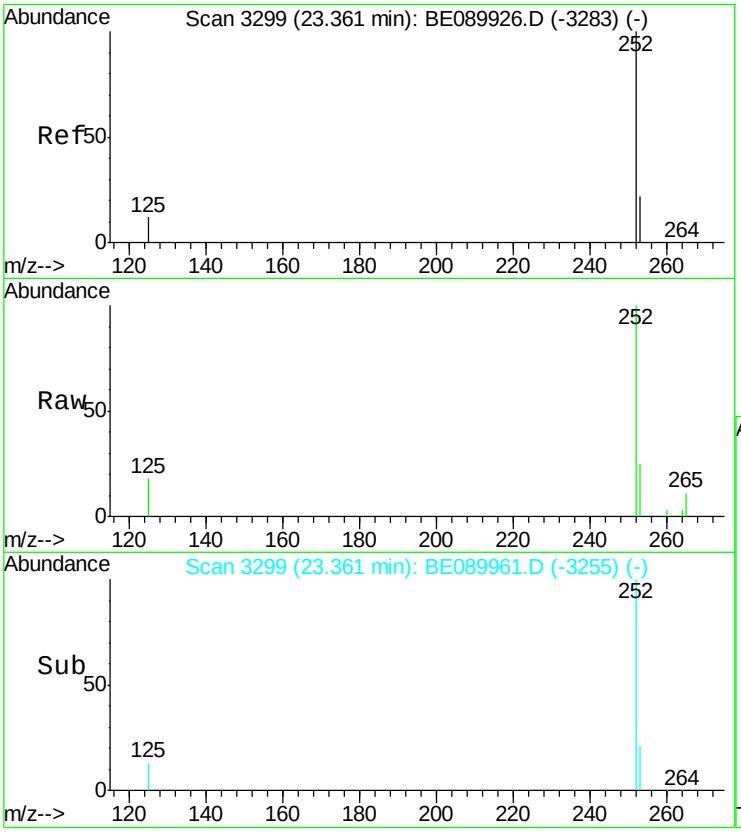


#34
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:252 Resp: 4374

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	14.6	9.2	13.8#



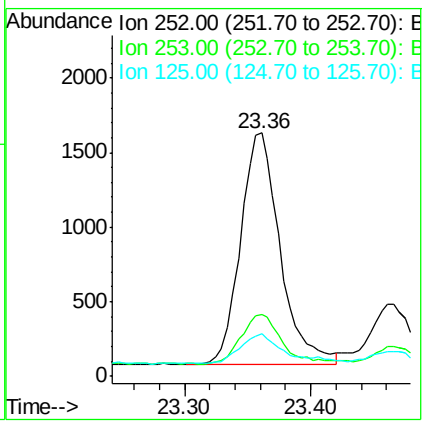


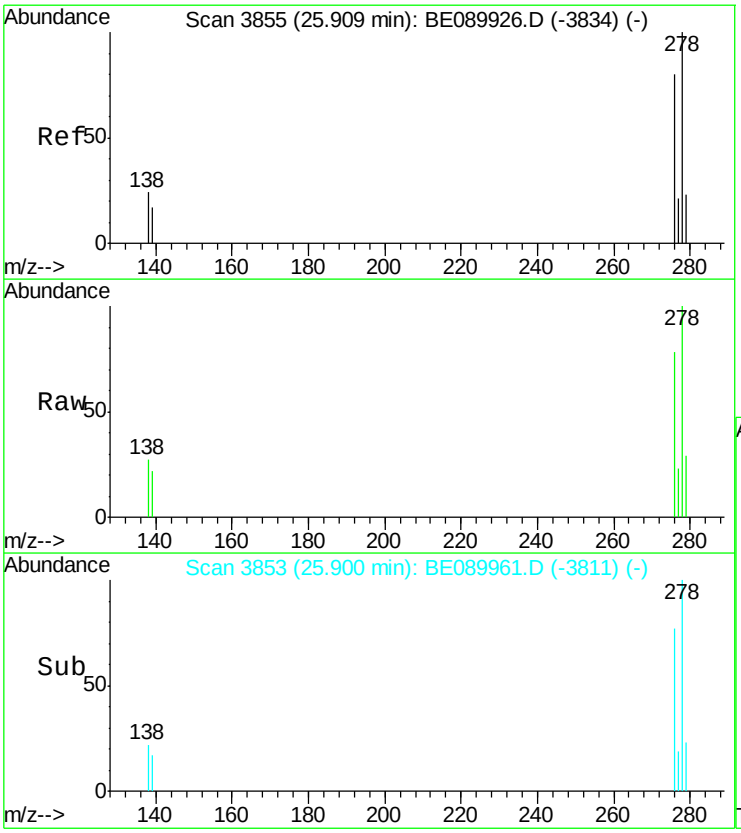
#35
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:252 Resp: 3442

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	17.5	10.3	15.5#

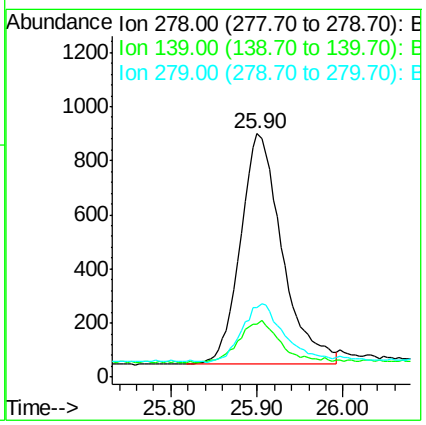


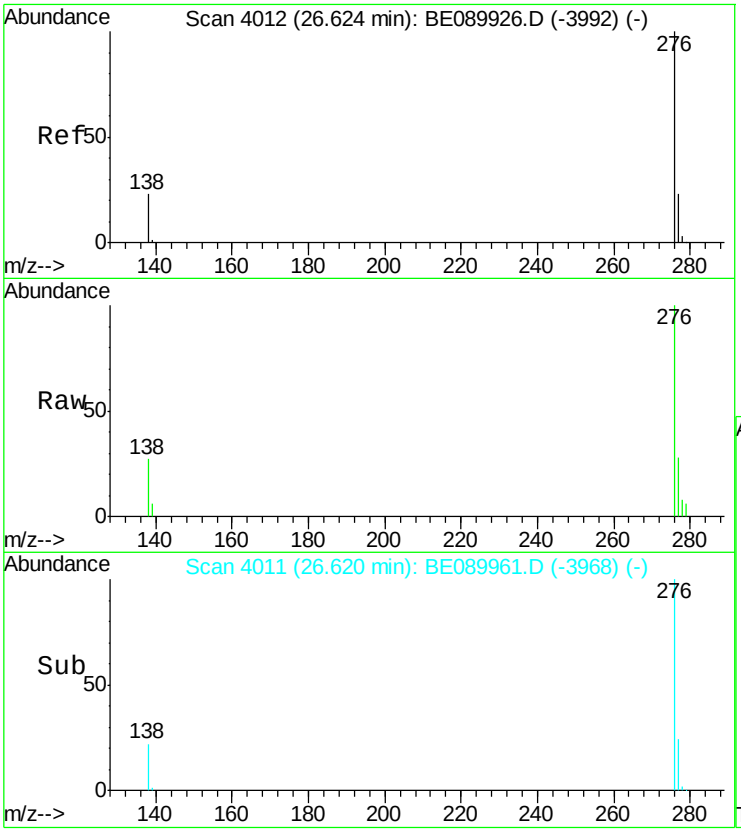


#36
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 25.90 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Tgt Ion:278 Resp: 2843

Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.1	21.1#
279	28.7	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 26.62 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089961.D
Acq: 27 Jun 2015 3:59

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:276 Resp: 3395

Ion	Ratio	Lower	Upper
276	100		
277	28.1	19.0	28.4
138	26.5	18.8	28.2