Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE013015\
Data File : BE089451.D
Acq On : 30 Jan 2015 23:53
Operator : TP/IZ
Sample : G1001-04
Misc : LOQ-SOIL-1.0ML
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Feb 02 01:15:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE013015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 05:05:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.59	152	104393	5.00	ng		0.00
2) Naphthalene-d8	12.50	136	426784	5.00	ng		0.00
6) Acenaphthene-d10	16.69	164	207582	5.00	ng		-0.01
11) Phenanthrene-d10	20.00	188	340491	5.00	ng		0.00
16) Chrysene-d12	23.84	240	285359	5.00	ng		0.00
22) Perylene-d12	25.55	264	252993	5.00	ng		0.00
System Monitoring Compounds							
3) Nitrobenzene-d5	10.85	82	244125	8.64	ng		0.00
7) 2-Fluorobiphenyl	15.13	172	381518	6.98	ng		0.00
18) Terphenyl-d14	22.48	244	351576	8.23	ng		0.00
Target Compounds							Qvalue
4) Naphthalene	12.55	128	12400	0.12	ng		99
5) 2-Methylnaphthalene	14.20	142	6850	0.11	ng		95
8) Acenaphthylene	16.34	152	35776	0.10	ng		99
9) Acenaphthene	16.76	154	6095	0.11	ng		97
10) Fluorene	18.02	166	6475	0.10	ng		99
12) Pentachlorophenol	19.66	266	178	Below Cal			90
13) Phenanthrene	20.03	178	41460	0.12	ng		98
14) Anthracene	20.12	178	33928	0.11	ng		99
15) Fluoranthene	21.91	202	7720	0.11	ng		99
17) Pyrene	22.23	202	8332	0.11	ng		98
19) Benzo(a)anthracene	23.83	228	26114	0.11	ng		98
20) Chrysene	23.87	228	36542	0.13	ng		97
21) Indeno(1,2,3-cd)pyrene	27.05	276	11566	0.05	ng		93
23) Benzo(b)fluoranthene	25.10	252	1990	0.23	ng	#	85
24) Benzo(k)fluoranthene	25.13	252	5843m	0.09	ng		
25) Benzo(a)pyrene	25.48	252	2689	0.18	ng	#	85
26) Dibenzo(a,h)anthracene	27.08	278	1679	0.16	ng	#	83
27) Benzo(g,h,i)perylene	27.51	276	15254	0.08	ng	#	87

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

Quantitation Report (QT Reviewed)

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Acq On : 30 Jan 2015 23:53
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Misc : LOQ-SOIL-1.0ML
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Instrument :
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LOQ-SOIL2015-02

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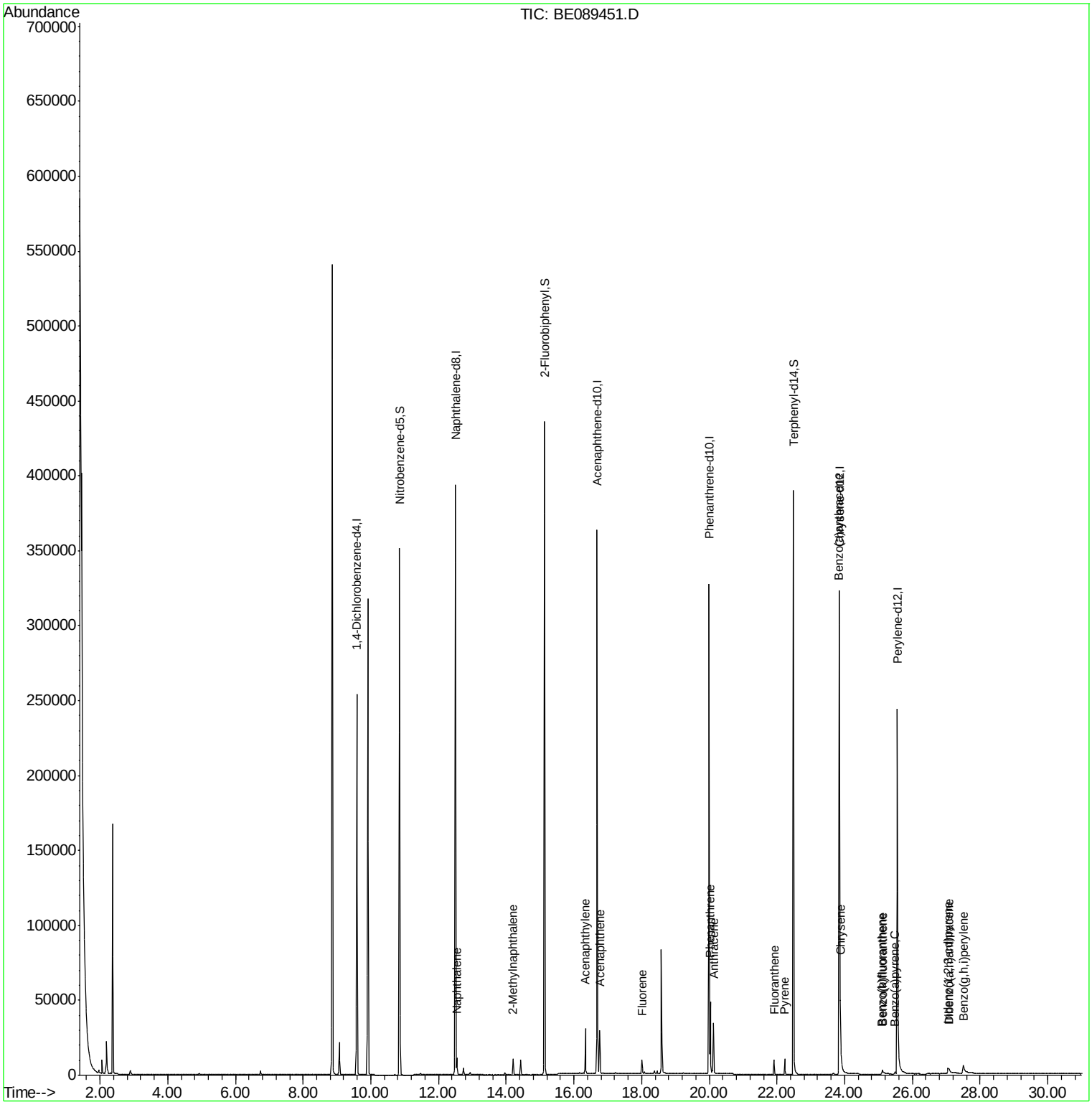
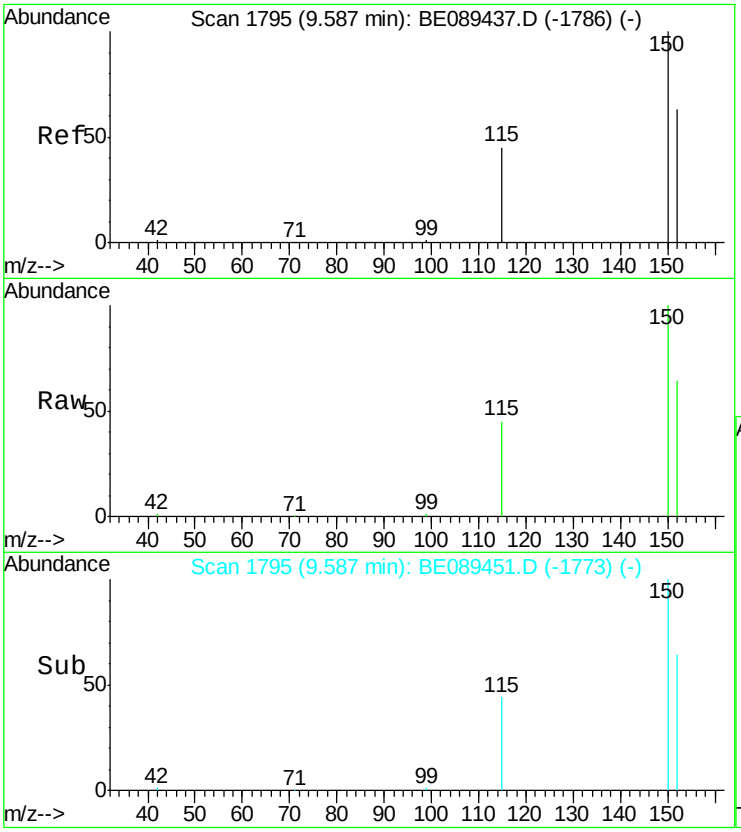
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE013015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 31 05:05:18 2015
Response via : Initial Calibration



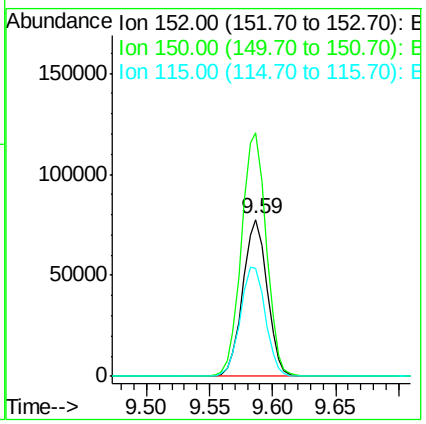


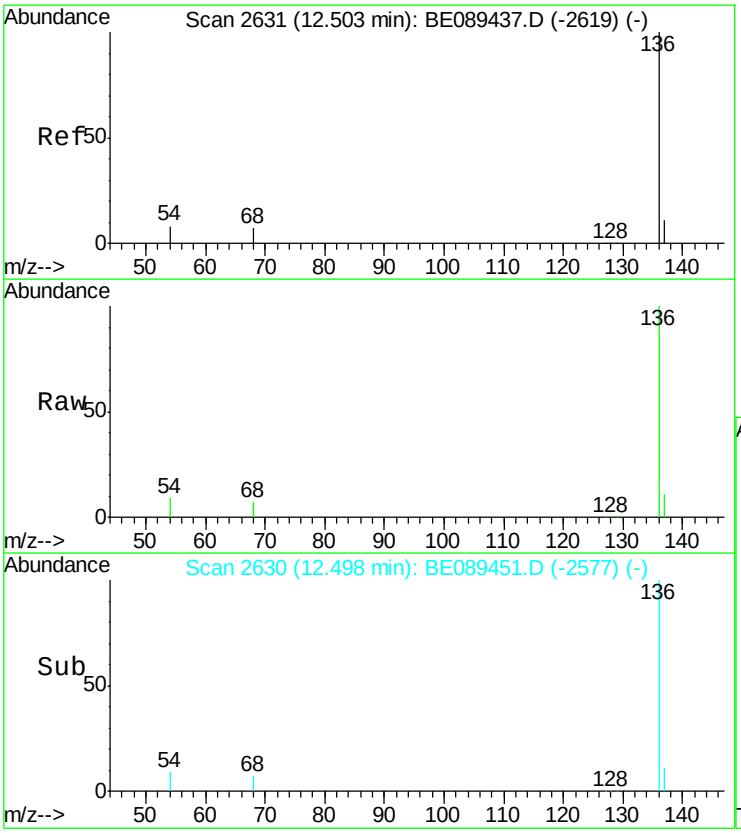
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.59 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:152 Resp: 104393

Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.2	190.8
115	69.1	57.5	86.3

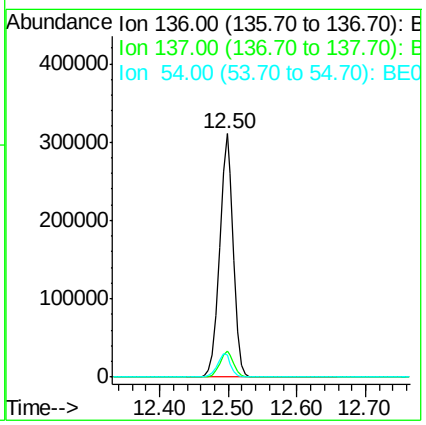


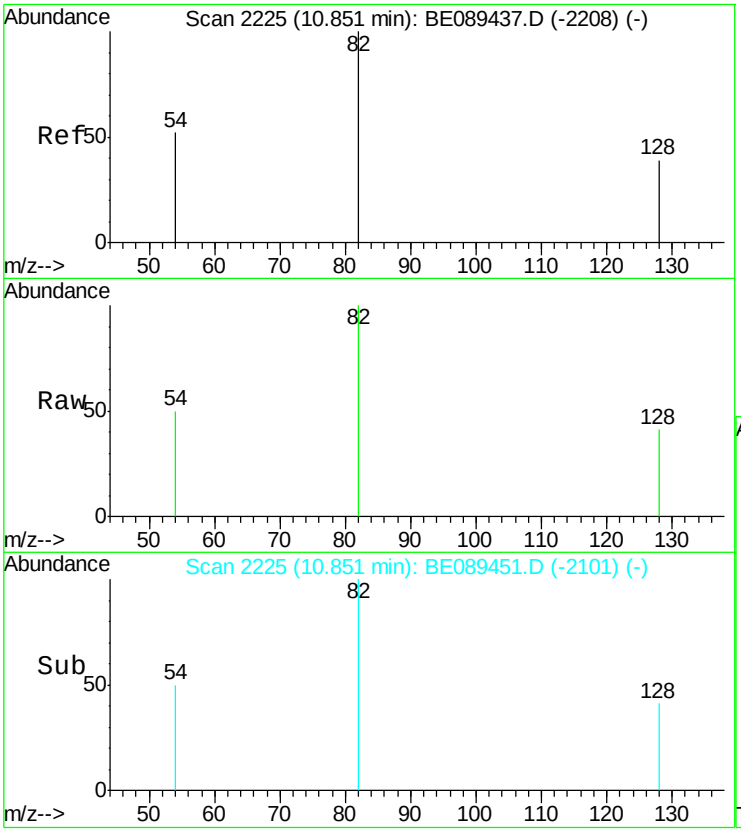


#2
Naphthalene-d8
Concen: 5.00 ng
RT: 12.50 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:136 Resp: 426784

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.8	6.6	10.0



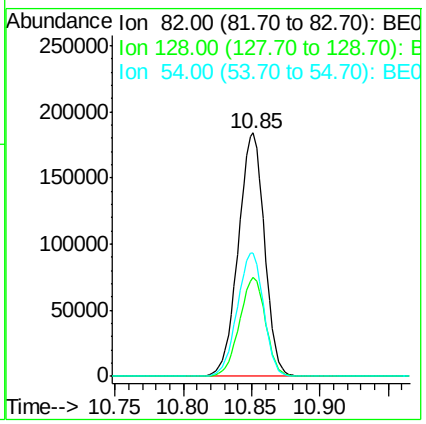


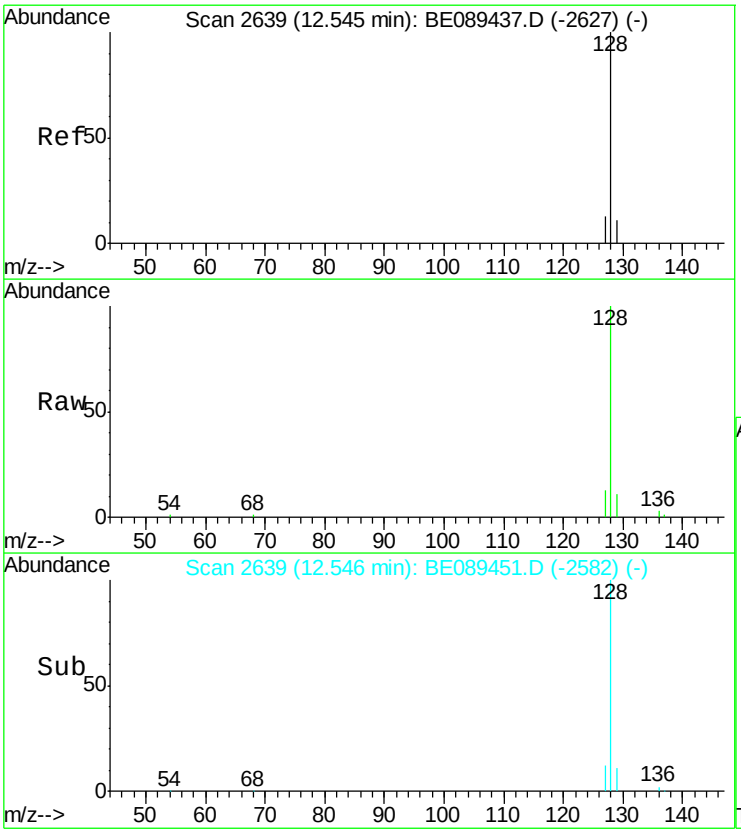
#3
Nitrobenzene-d5
Concen: 8.64 ng
RT: 10.85 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion: 82 Resp: 244125

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.2	46.8
54	50.4	41.9	62.9

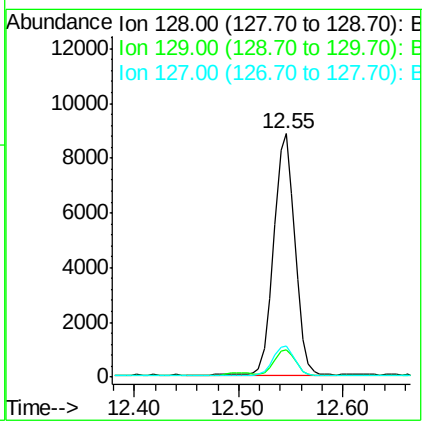


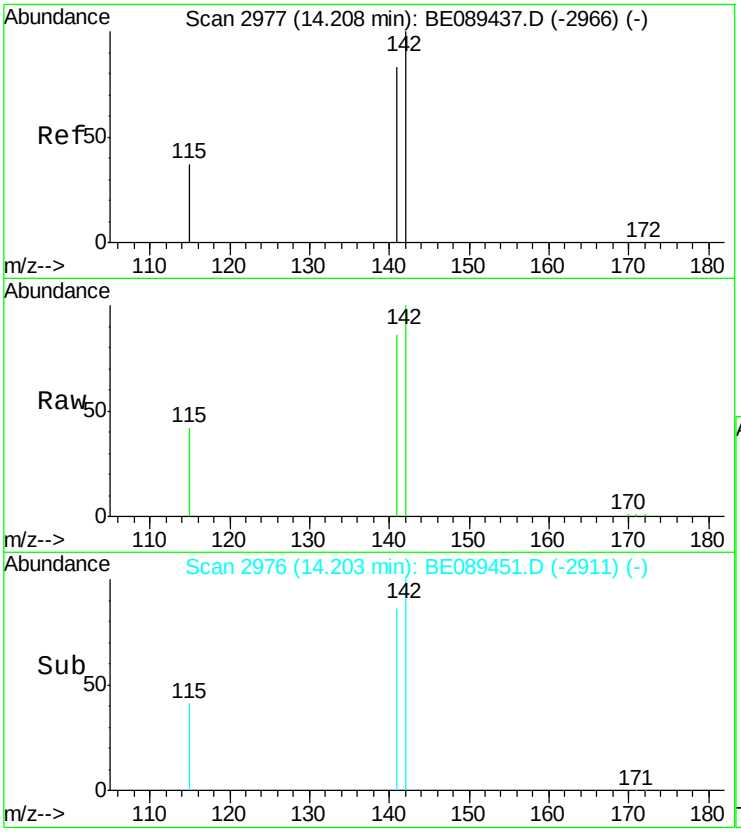


#4
Naphthalene
Concen: 0.12 ng
RT: 12.55 min Scan# 2639
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:128 Resp: 12400

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.9	10.6	16.0



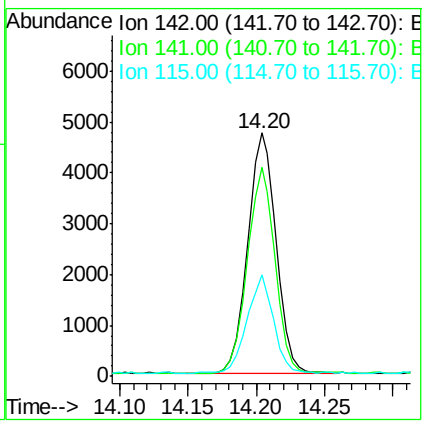


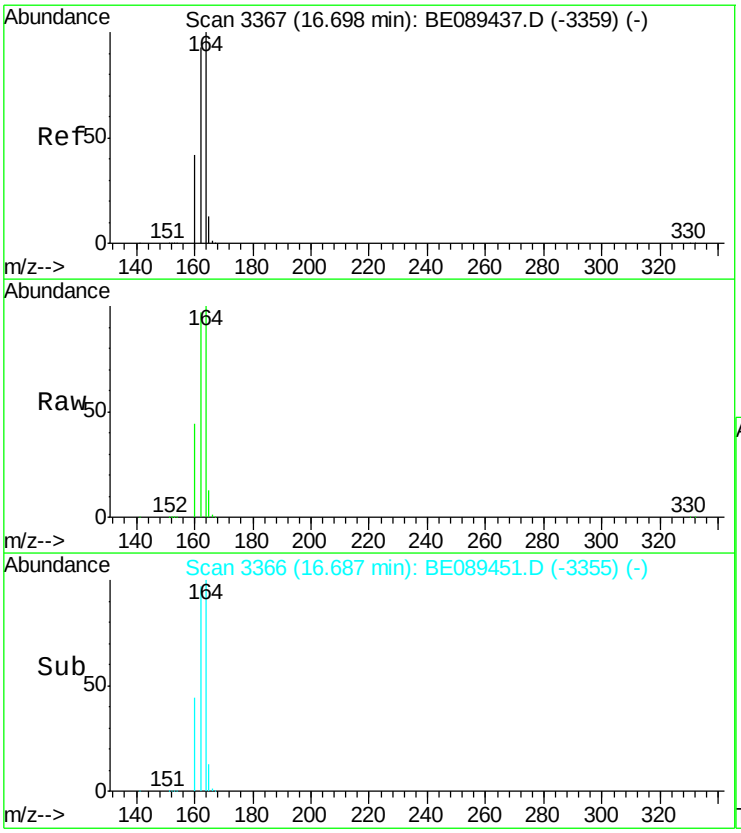
#5
2-Methylnaphthalene
Concen: 0.11 ng
RT: 14.20 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:142 Resp: 6850

Ion	Ratio	Lower	Upper
142	100		
141	85.7	66.1	99.1
115	41.7	29.9	44.9

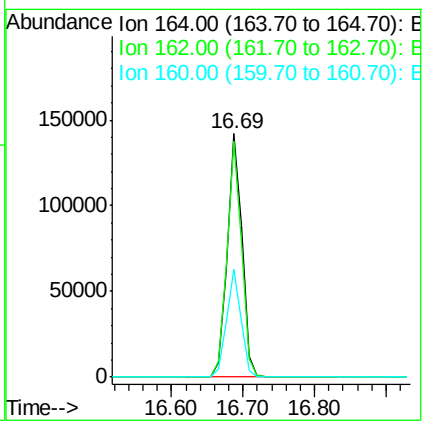


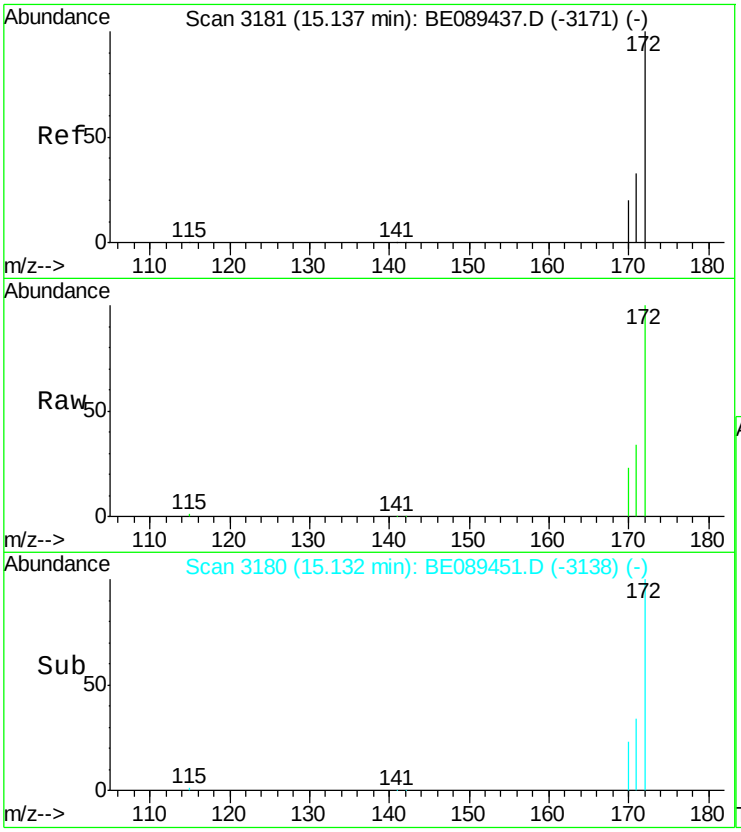


#6
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:164 Resp: 207582

Ion	Ratio	Lower	Upper
164	100		
162	97.1	74.7	112.1
160	44.3	33.4	50.0



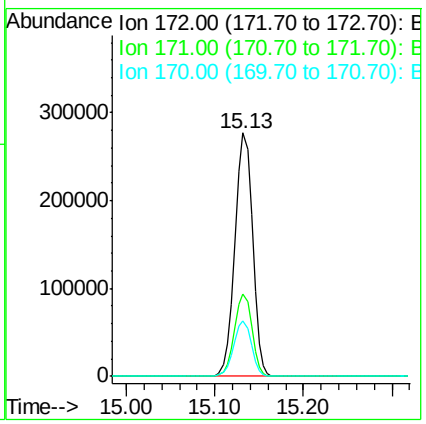


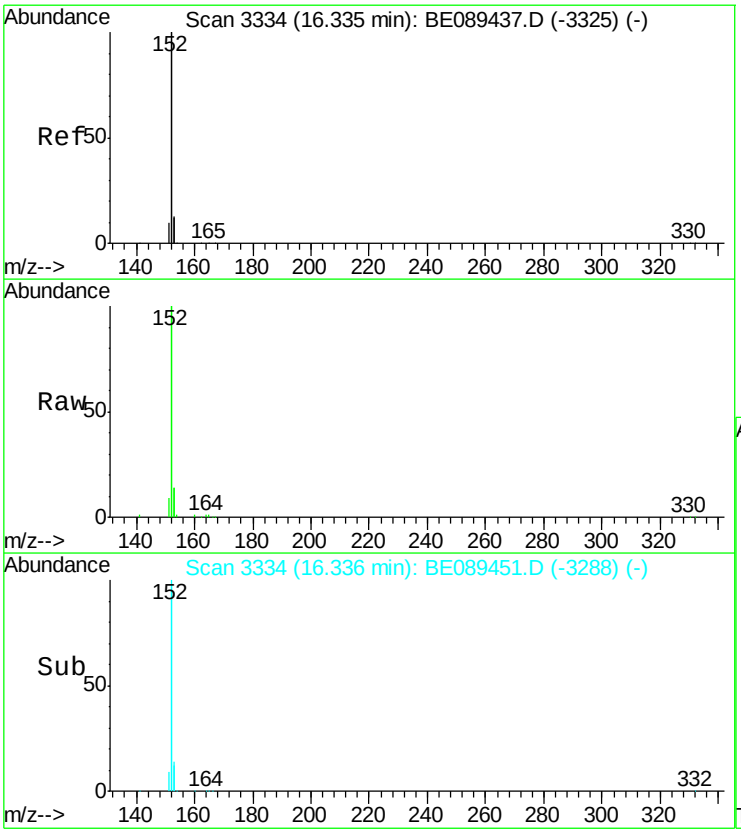
#7
2-Fluorobiphenyl
Concen: 6.98 ng
RT: 15.13 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:172 Resp: 381518

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.2	39.4
170	22.7	16.5	24.7

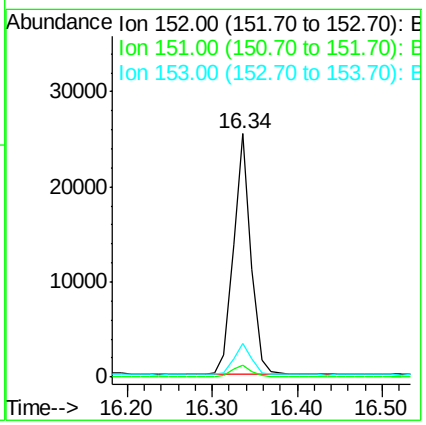


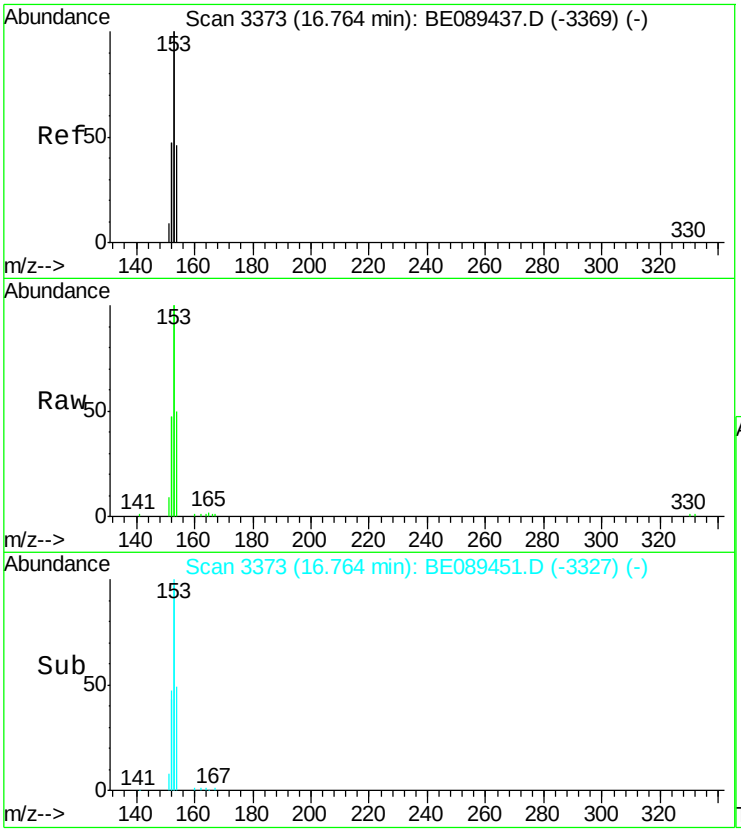


#8
Acenaphthylene
Concen: 0.10 ng
RT: 16.34 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:152 Resp: 35776

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.5	10.3	15.5



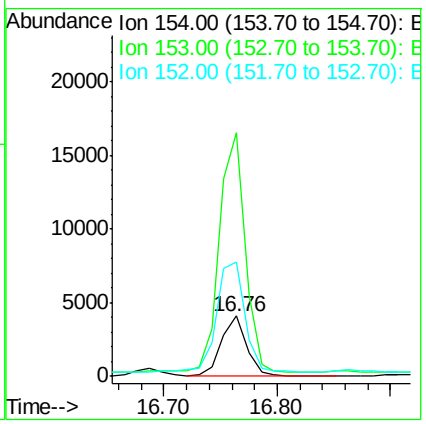


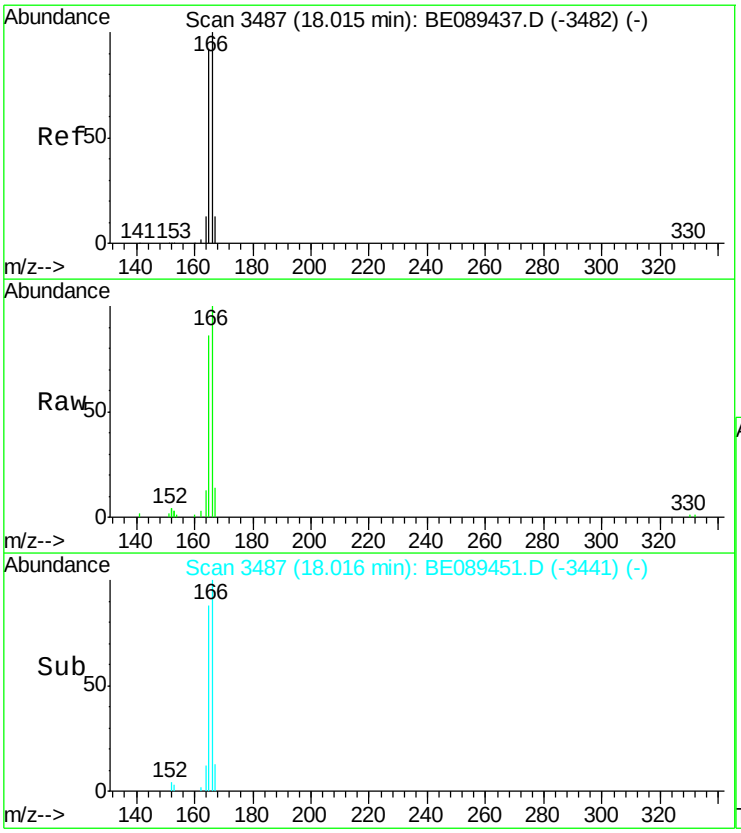
#9
Acenaphthene
Concen: 0.11 ng
RT: 16.76 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:154 Resp: 6095

Ion	Ratio	Lower	Upper
154	100		
153	426.2	342.3	513.5
152	220.4	165.5	248.3

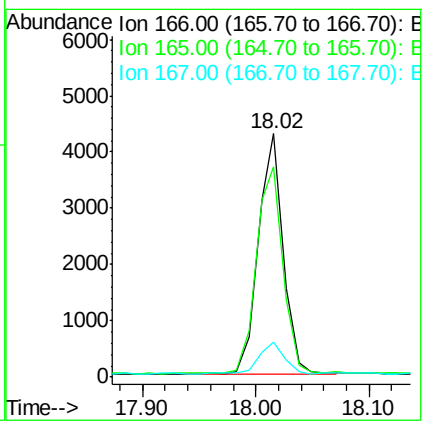


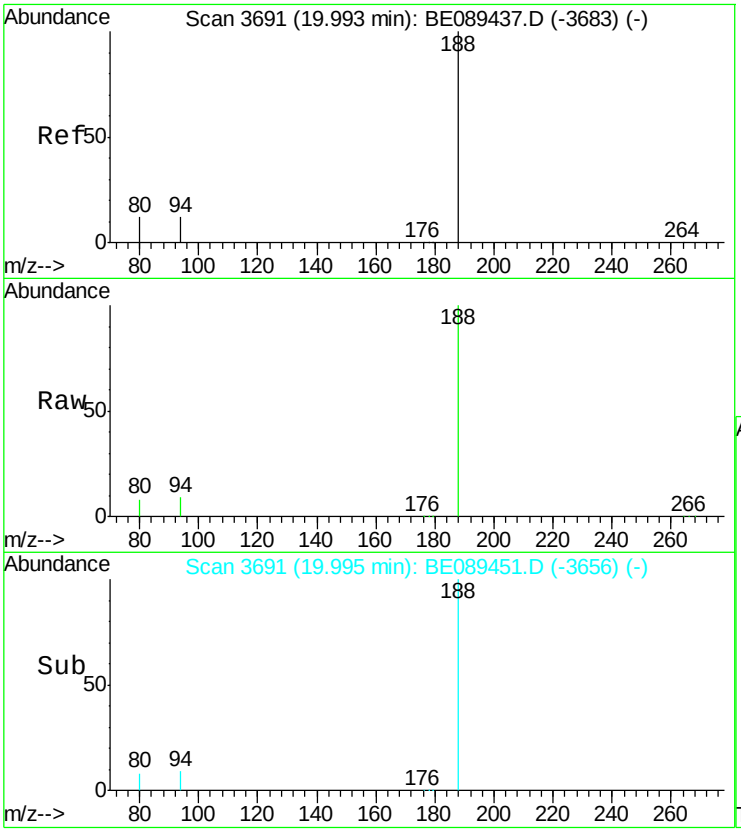


#10
Fluorene
Concen: 0.10 ng
RT: 18.02 min Scan# 3487
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:166 Resp: 6475

Ion	Ratio	Lower	Upper
166	100		
165	91.9	74.4	111.6
167	13.6	10.6	15.8



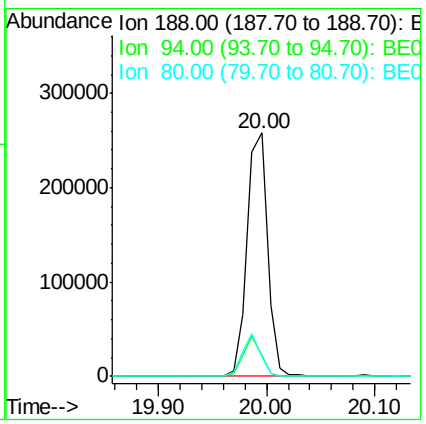


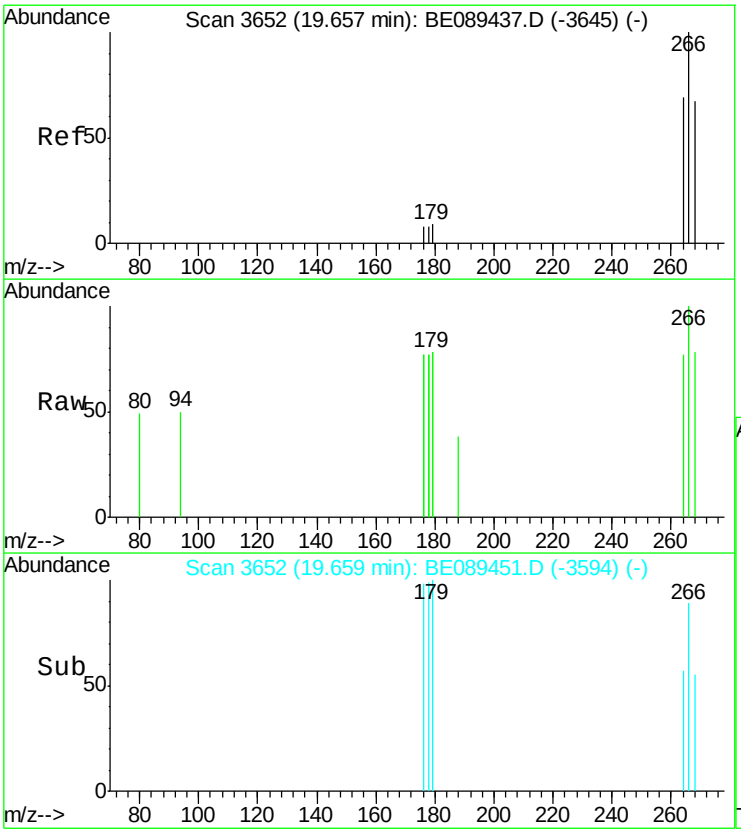
#11
Phenanthrene-d10
Concen: 5.00 ng
RT: 20.00 min Scan# 3691
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:188 Resp: 340491

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.4	14.0#
80	8.3	9.3	13.9#

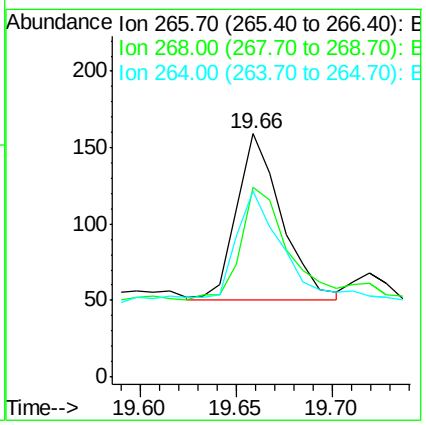


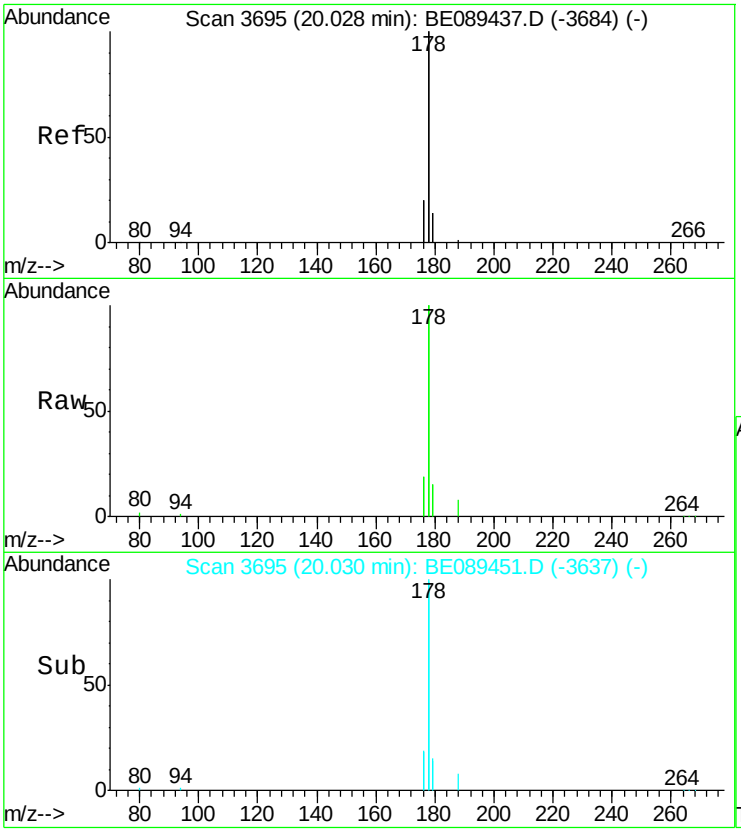


#12
Pentachlorophenol
Concen: Below Cal
RT: 19.66 min Scan# 3652
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:266 Resp: 178

Ion	Ratio	Lower	Upper
266	100		
268	78.0	54.2	81.4
264	76.7	56.2	84.2



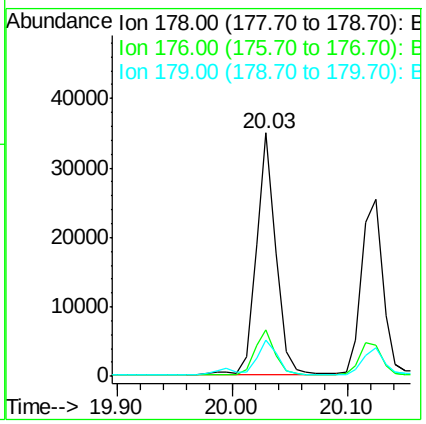


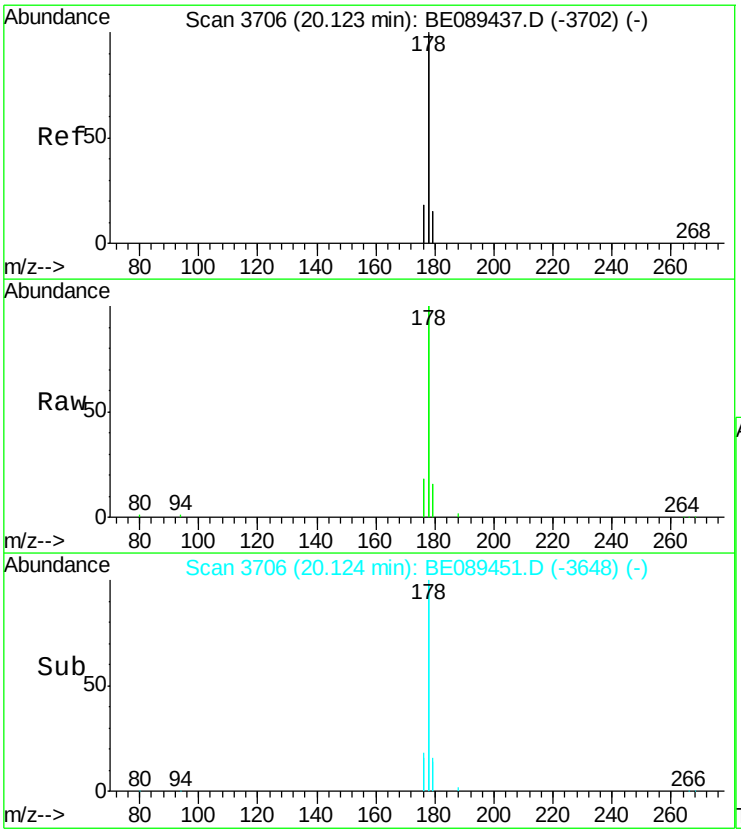
#13
Phenanthrene
Concen: 0.12 ng
RT: 20.03 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:178 Resp: 41460

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	17.5	12.3	18.5

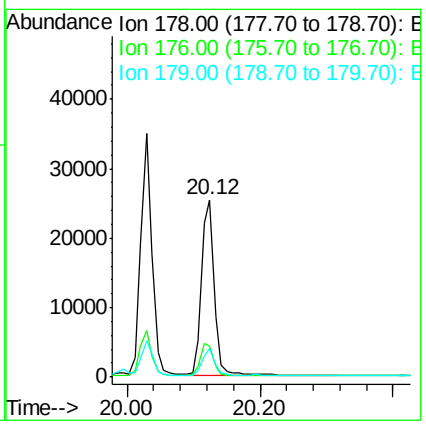


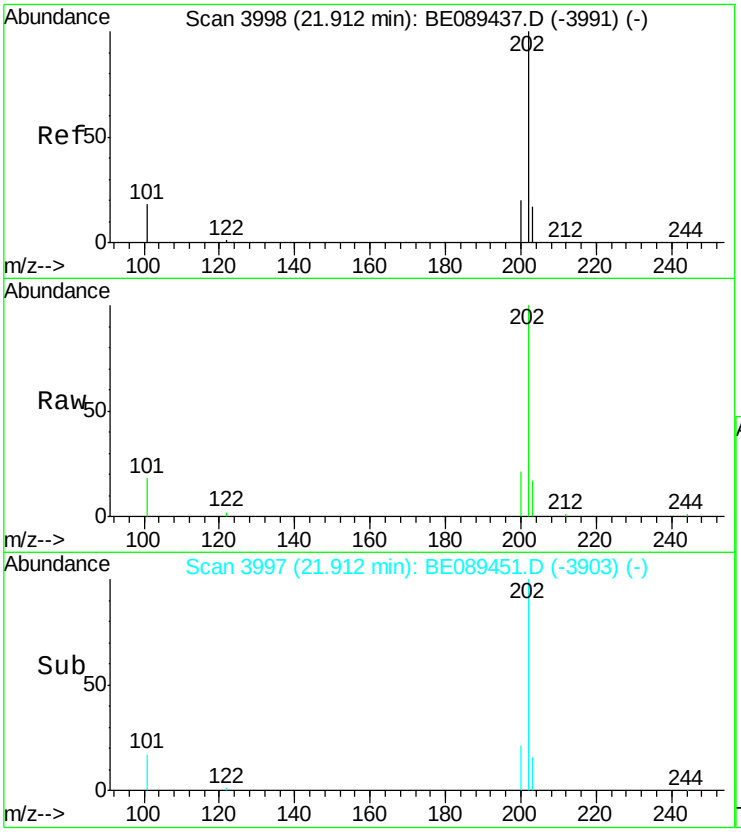


#14
Anthracene
Concen: 0.11 ng
RT: 20.12 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:178 Resp: 33928

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	14.8	12.2	18.2



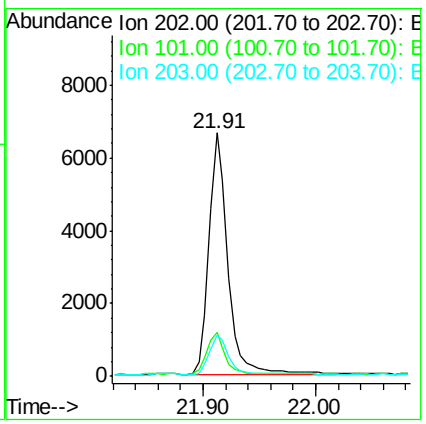


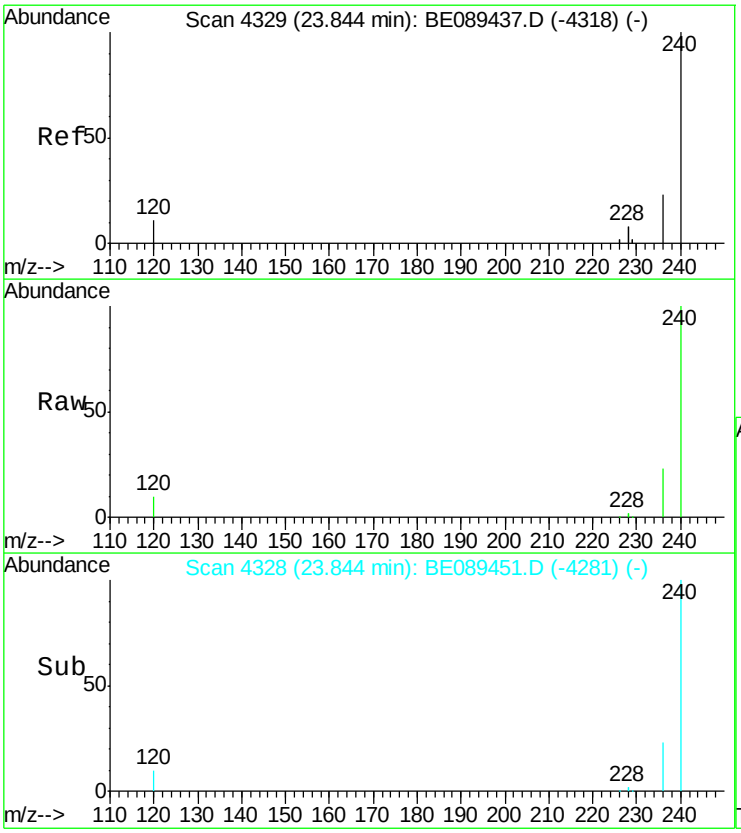
#15
Fluoranthene
Concen: 0.11 ng
RT: 21.91 min Scan# 3997
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:202 Resp: 7720

Ion	Ratio	Lower	Upper
202	100		
101	16.8	13.6	20.4
203	16.4	13.8	20.6

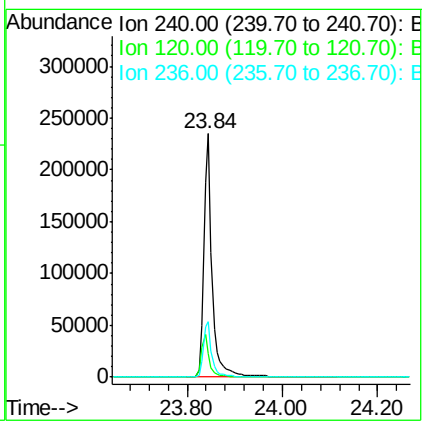


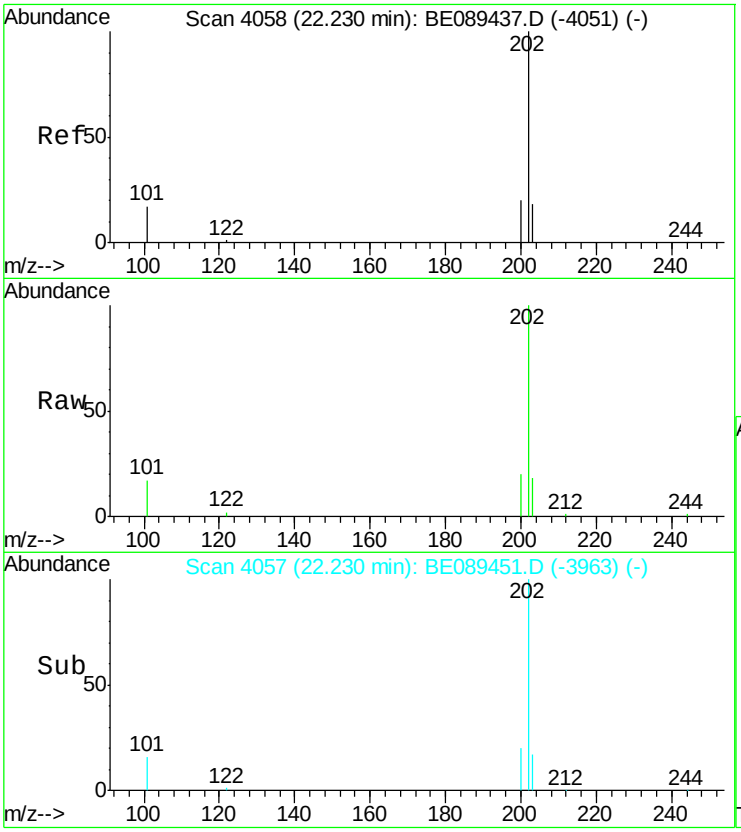


#16
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 4328
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:240 Resp: 285359

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.6	13.0
236	22.8	18.7	28.1



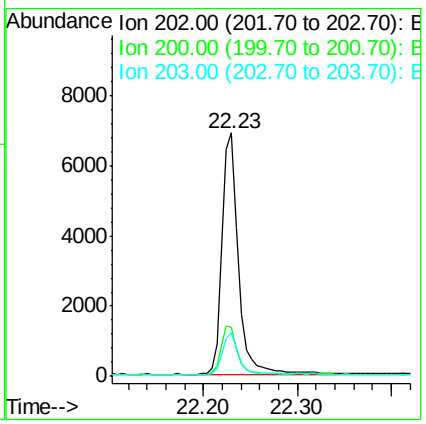


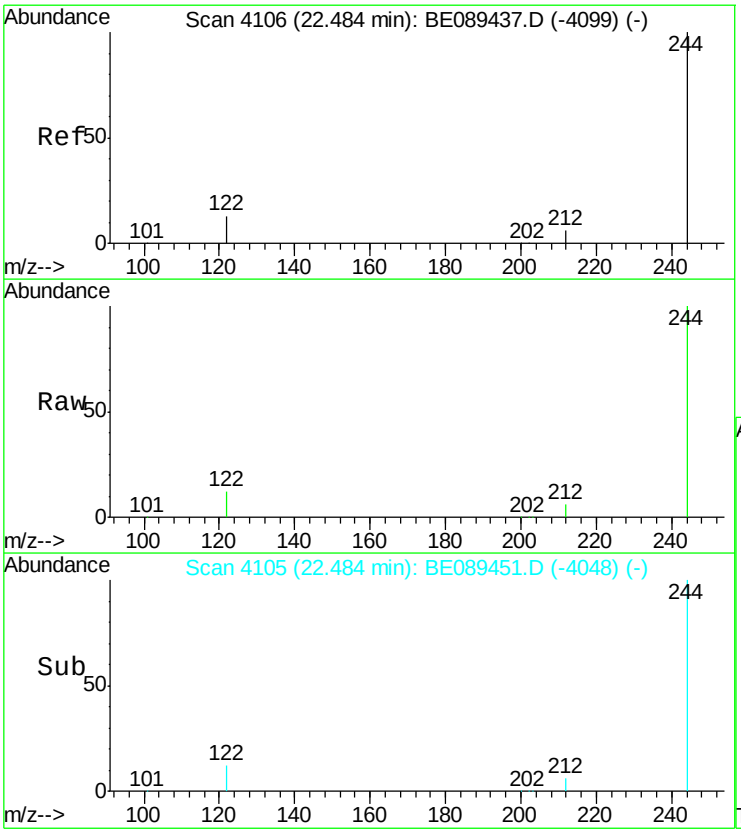
#17
Pyrene
Concen: 0.11 ng
RT: 22.23 min Scan# 4057
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:202 Resp: 8332

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.2	24.4
203	16.7	13.8	20.8

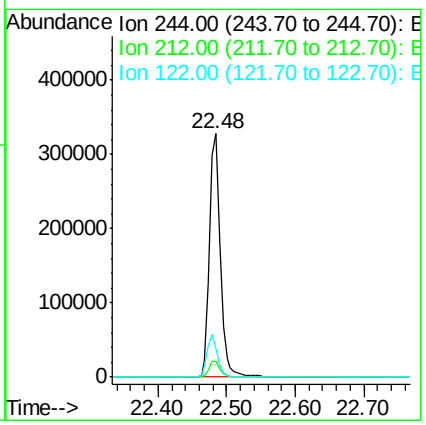


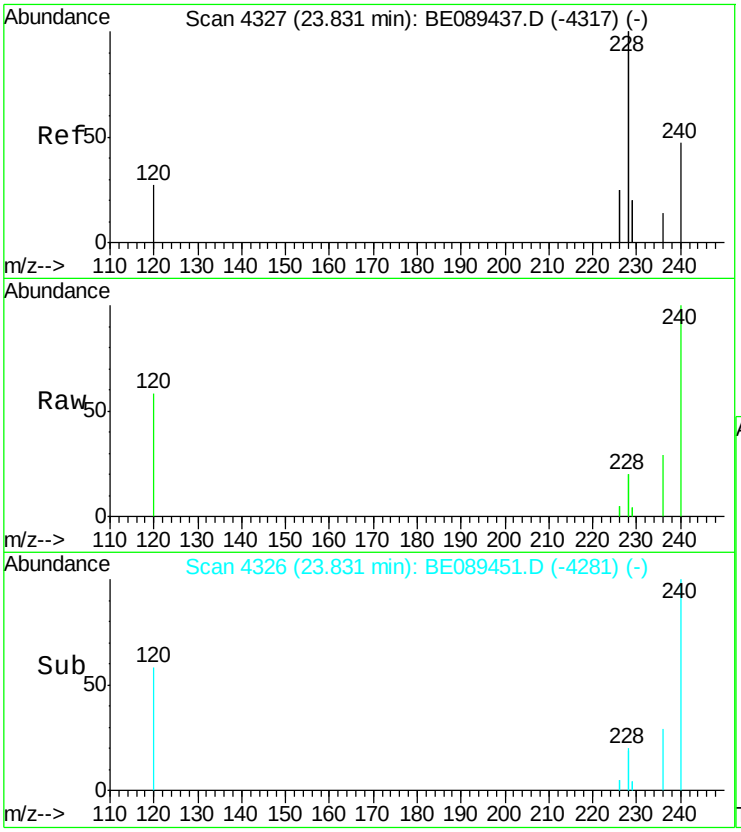


#18
Terphenyl-d14
Concen: 8.23 ng
RT: 22.48 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:244 Resp: 351576

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.6
122	12.0	10.2	15.4



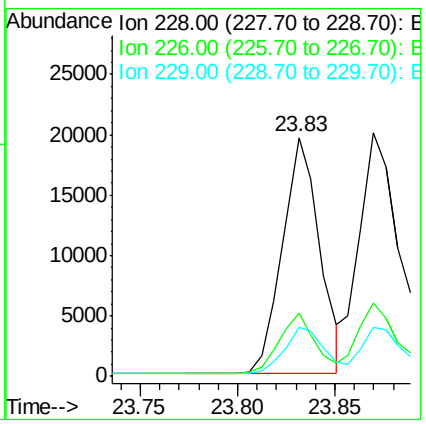


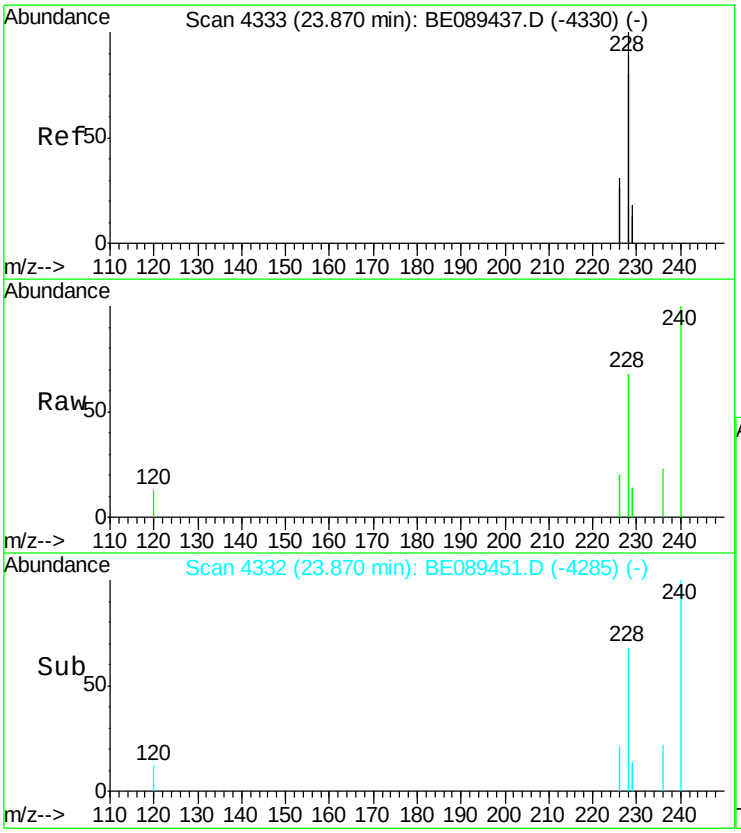
#19
Benzo(a)anthracene
Concen: 0.11 ng
RT: 23.83 min Scan# 4326
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:228 Resp: 26114

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.0	30.0
229	20.3	16.0	24.0

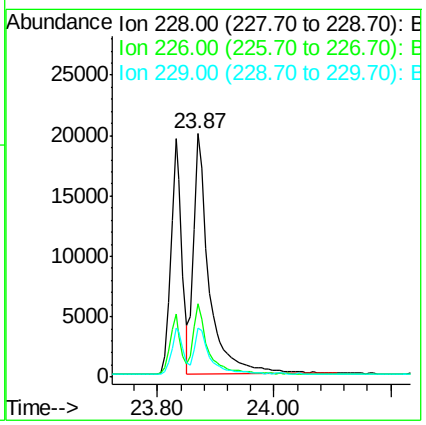


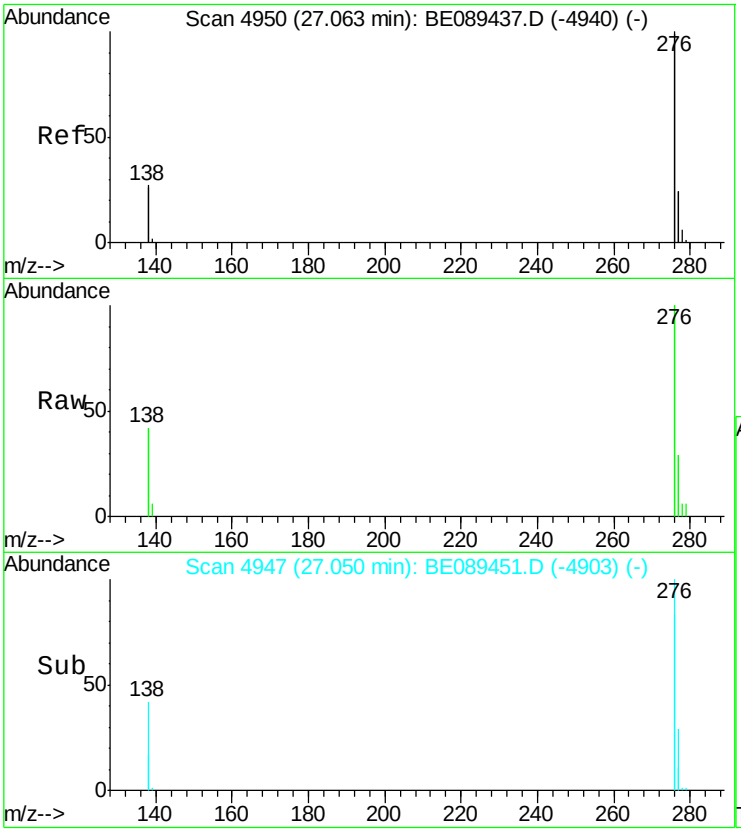


#20
Chrysene
Concen: 0.13 ng
RT: 23.87 min Scan# 4332
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:228 Resp: 36542

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	20.3	14.1	21.1



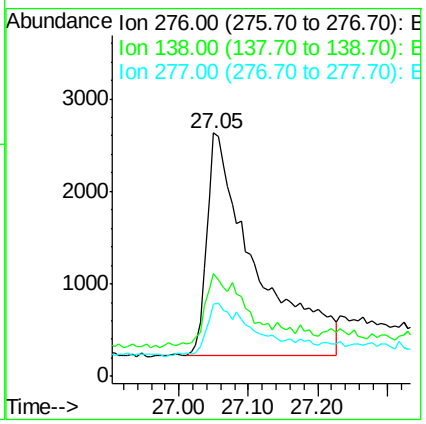


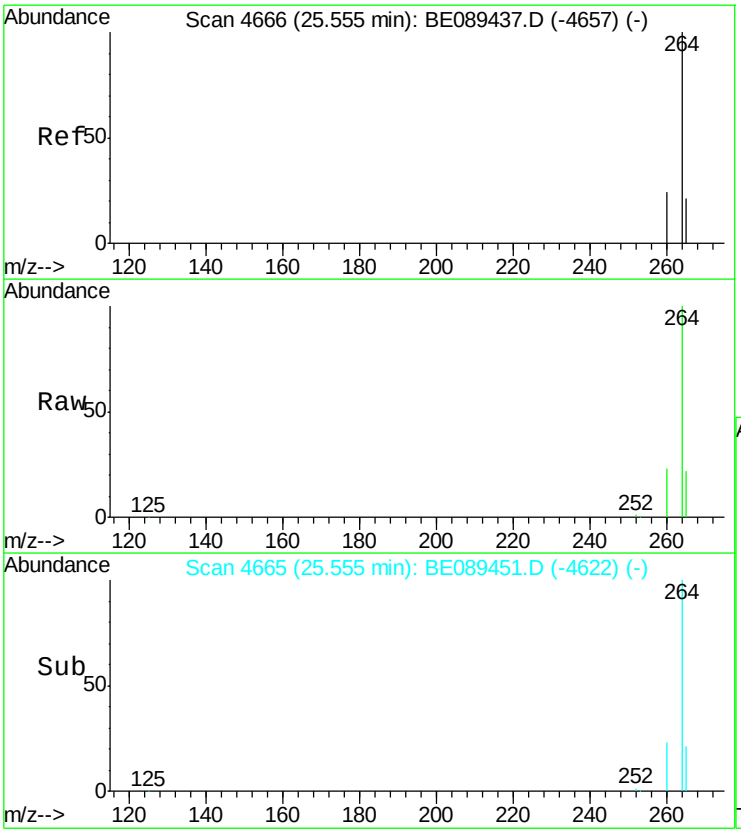
#21
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 27.05 min Scan# 4947
Delta R.T. -0.01 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:276 Resp: 11566

Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.4	38.0
277	22.8	19.8	29.6

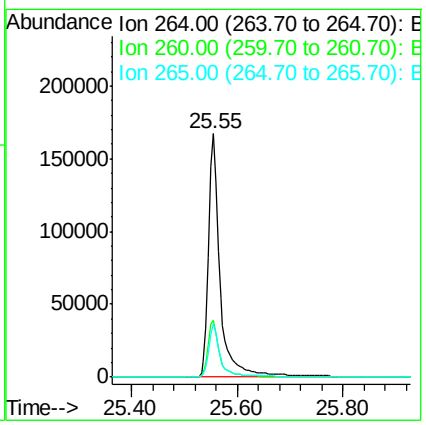


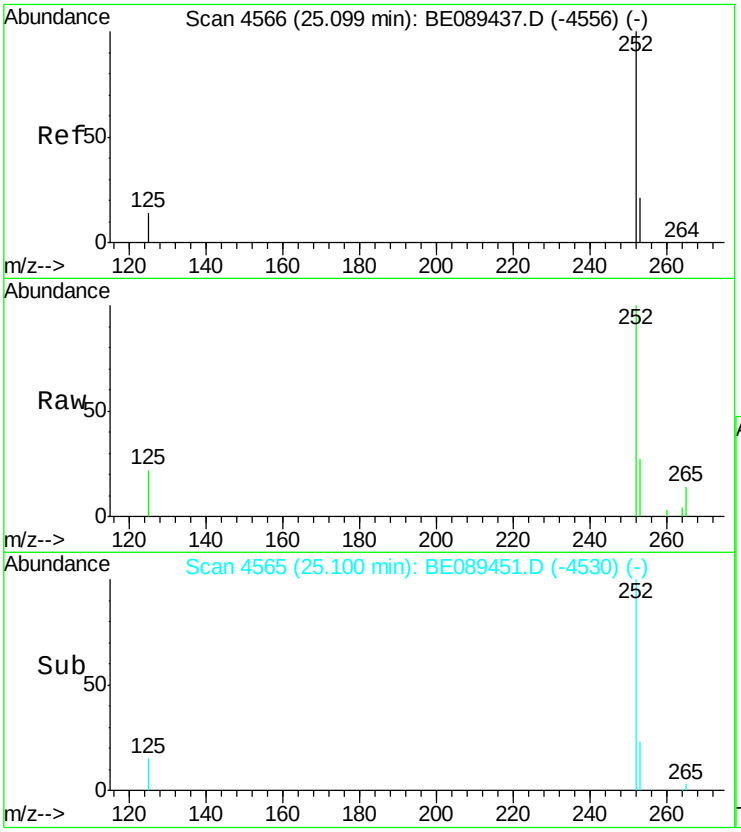


#22
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:264 Resp: 252993

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.0
265	21.5	17.0	25.6



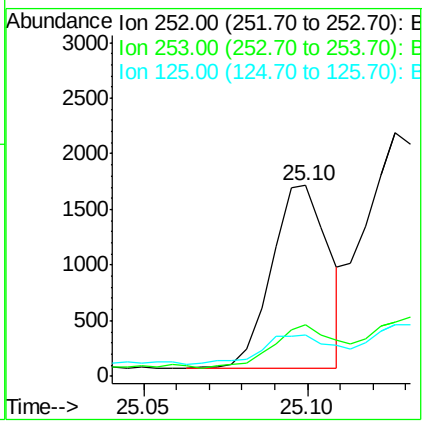


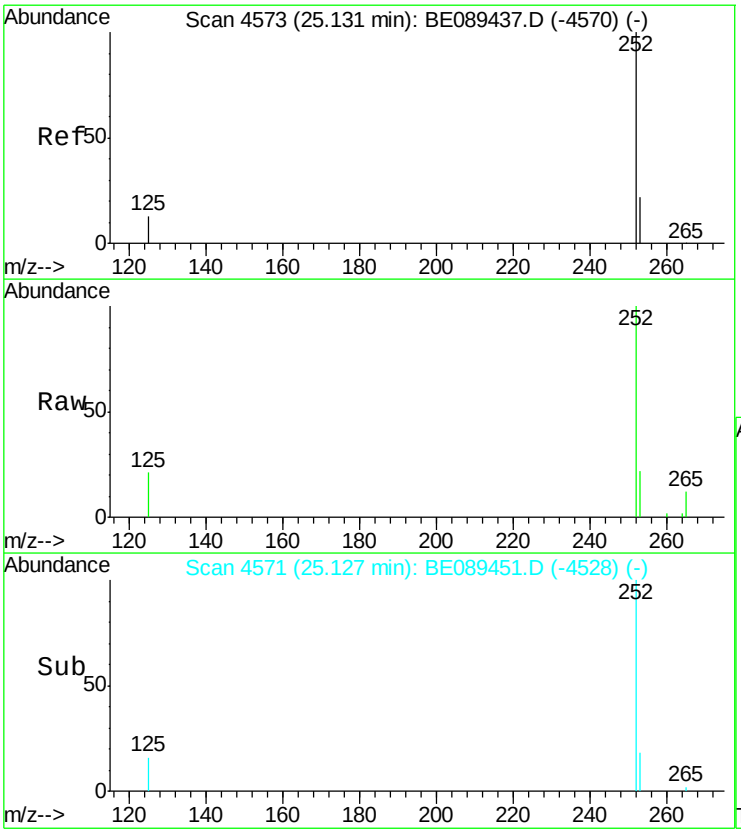
#23
Benzo(b)fluoranthene
Concen: 0.23 ng
RT: 25.10 min Scan# 4565
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:252 Resp: 1990

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.6#
125	21.5	11.4	17.0#

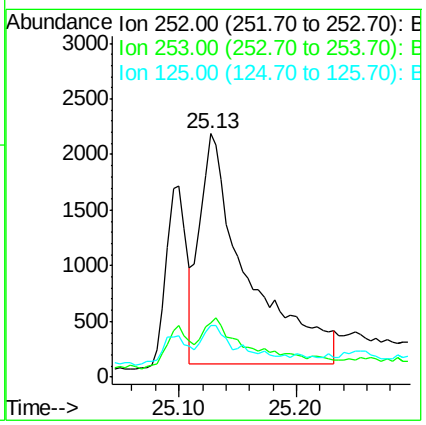


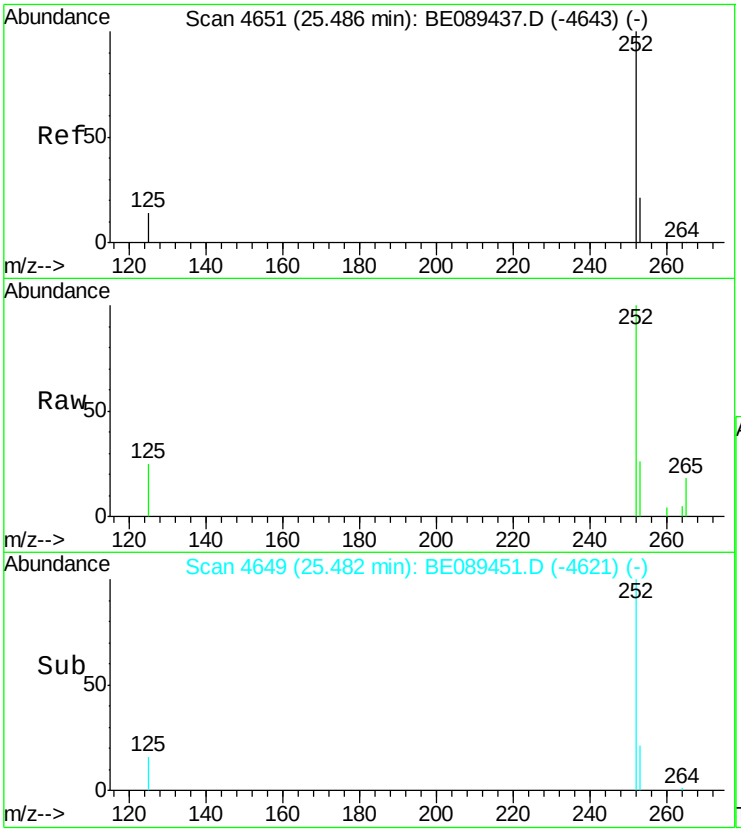


#24
Benzo(k)fluoranthene
Concen: 0.09 ng m
RT: 25.13 min Scan# 4571
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:252 Resp: 5843

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	21.3	10.9	16.3#



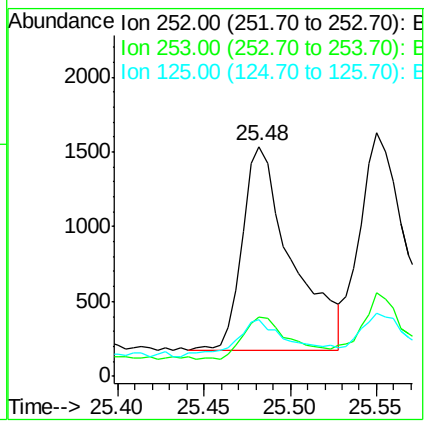


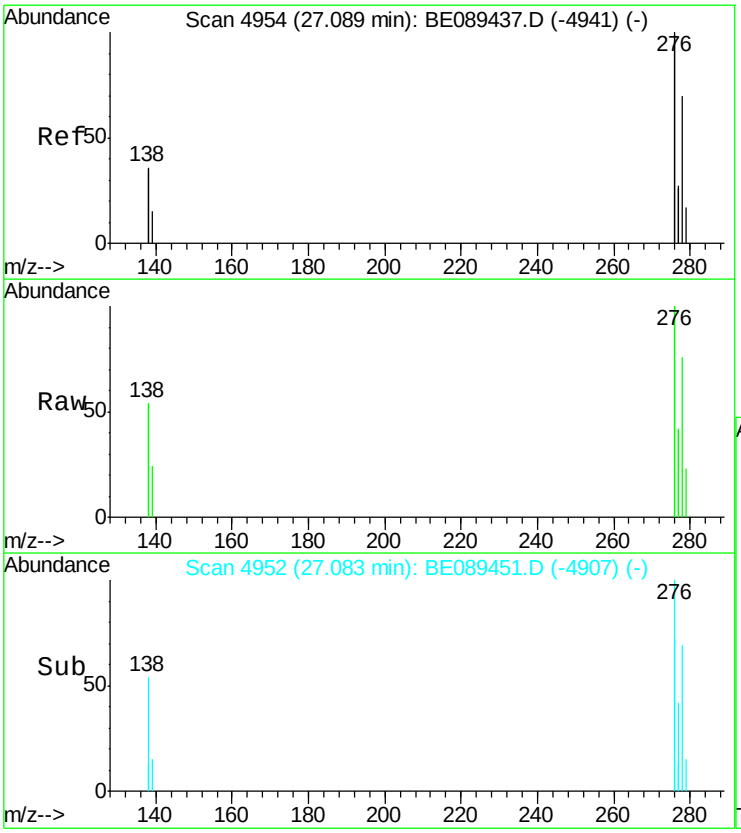
#25
Benzo(a)pyrene
Concen: 0.18 ng
RT: 25.48 min Scan# 4649
Delta R.T. -0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:252 Resp: 2689

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.3	25.9
125	24.5	12.0	18.0#

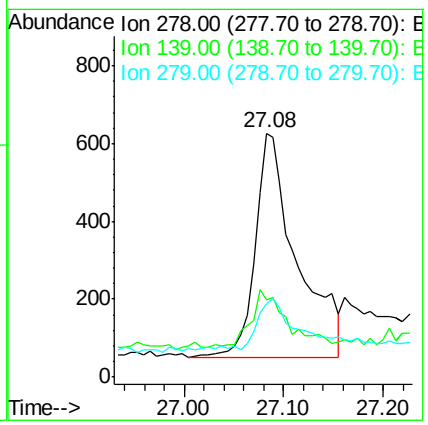


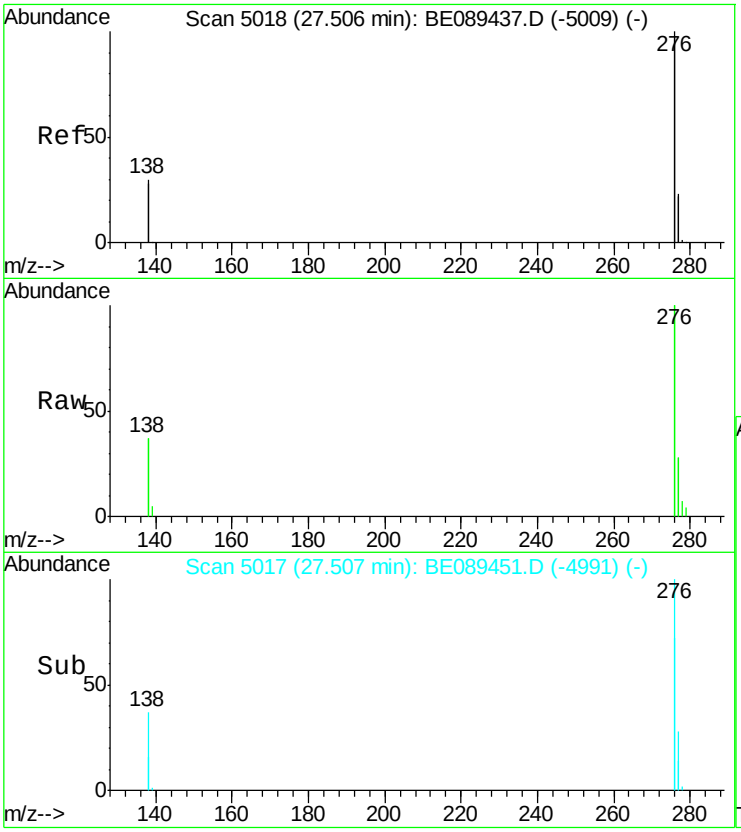


#26
Dibenzo(a,h)anthracene
Concen: 0.16 ng
RT: 27.08 min Scan# 4952
Delta R.T. -0.01 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Tgt Ion:278 Resp: 1679

Ion	Ratio	Lower	Upper
278	100		
139	31.8	17.0	25.4#
279	30.0	19.1	28.7#





#27
Benzo(g,h,i)perylene
Concen: 0.08 ng
RT: 27.51 min Scan# 5017
Delta R.T. 0.00 min
Lab File: BE089451.D
Acq: 30 Jan 2015 23:53

Instrument :
BNA_E
ClientSampleId :
LOQ-SOIL2015-02

Tgt Ion:276 Resp: 15254

Ion	Ratio	Lower	Upper
276	100		
277	28.3	18.4	27.6#
138	37.0	23.7	35.5#