Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090147.D
Acq On : 17 Jul 2015 9:18
Operator : TP/IZ
Sample : G3015-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : STOCKPILE-7-15-15

Quant Time: Jul 17 13:51:05 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 12:59:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12710	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	61615	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	35779	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	81444	5.00	ng		0.00
25) Chrysene-d12	21.12	240	91284	5.00	ng		0.00
32) Perylene-d12	23.44	264	87771	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	1266	0.47	ng		0.00
5) Phenol-d6	6.79	99	2009	0.52	ng		0.00
7) Nitrobenzene-d5	8.75	82	2218	0.49	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	1513	1.74	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	6918	0.63	ng		0.00
27) Terphenyl-d14	19.58	244	13362	0.87	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.41	128	19434	1.39	ng		99
11) 2-Methylnaphthalene	12.03	142	6084	0.68	ng		99
15) Acenaphthylene	13.93	152	49146	0.77	ng		98
16) Acenaphthene	14.28	154	37741	4.10	ng		95
17) Fluorene	15.27	166	45270	3.77	ng		99
22) Phenanthrene	17.00	178	780580	38.07	ng		98
23) Anthracene	17.10	178	207514m	11.42	ng		
24) Fluoranthene	19.01	202	1164058	57.46	ng		97
26) Pyrene	19.37	202	1060116	42.95	ng	#	91
28) Benzo(a)anthracene	21.10	228	556243	35.95	ng		95
29) Chrysene	21.16	228	517827	22.65	ng		97
30) Bis(2-ethylhexyl)phthalate	21.05	149	1414	0.47	ng	#	87
31) Indeno(1,2,3-cd)pyrene	25.84	276	191320	31.52	ng		95
33) Benzo(b)fluoranthene	22.74	252	556026	87.14	ng		98
34) Benzo(k)fluoranthene	22.78	252	215396m	8.03	ng		
35) Benzo(a)pyrene	23.34	252	379430	20.59	ng		96
36) Dibenzo(a,h)anthracene	25.85	278	46682	4.88	ng		94
37) Benzo(g,h,i)perylene	26.58	276	198809	10.81	ng		94

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

Quantitation Report (QT Reviewed)

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STOCKPILE-7-15-15

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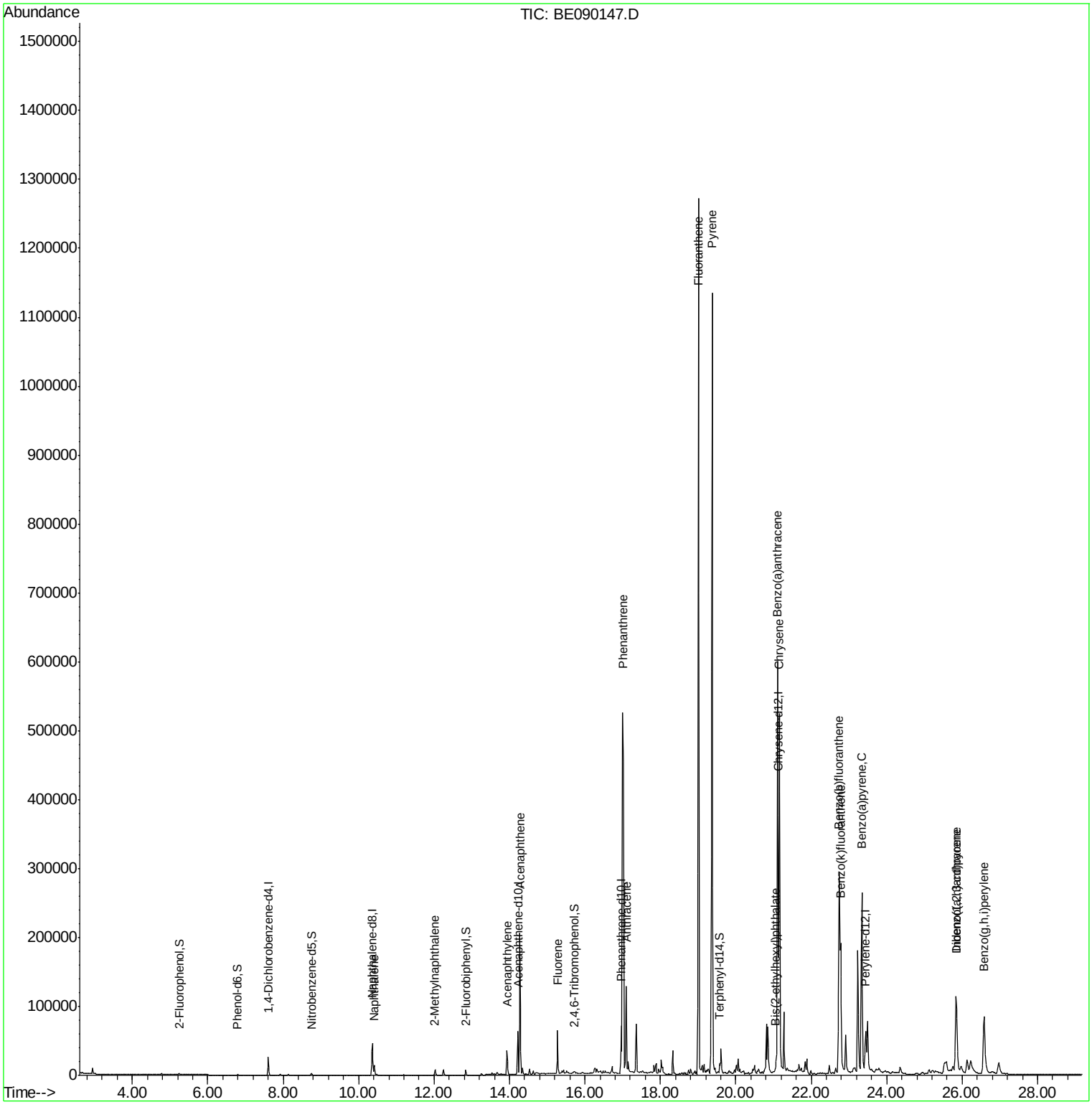
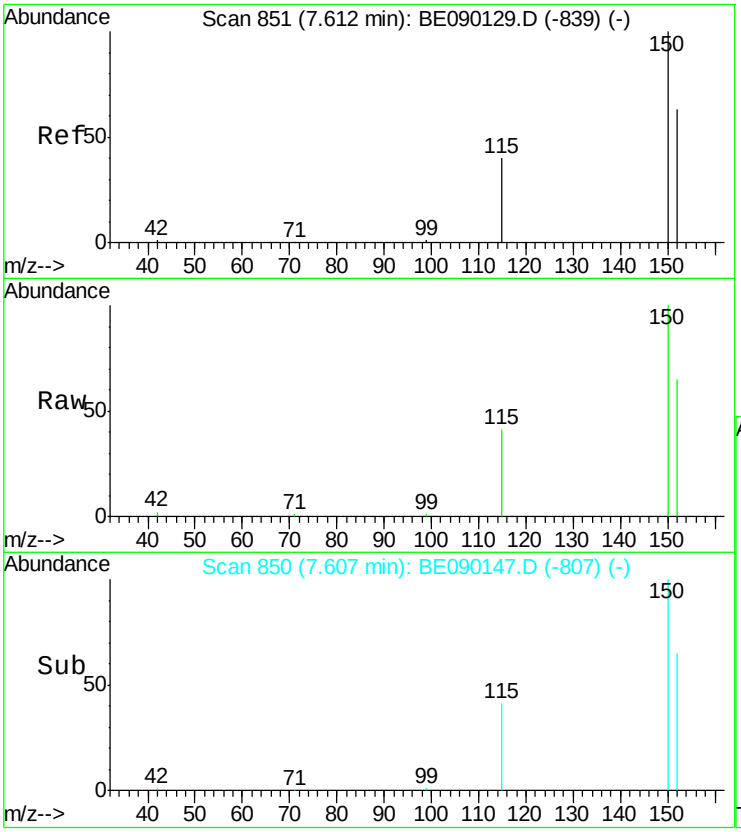
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 12:59:41 2015
Response via : Initial Calibration



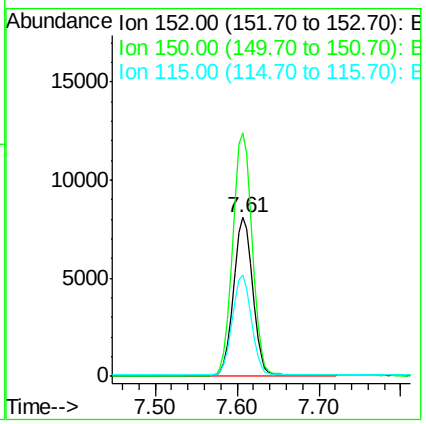


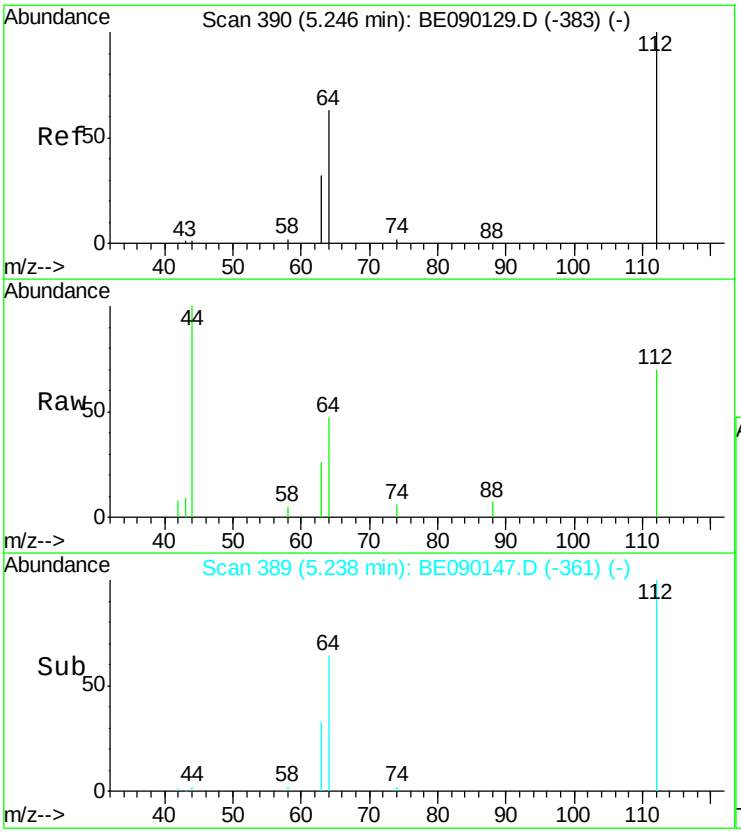
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:152 Resp: 12710

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.3	190.9
115	63.6	51.0	76.4

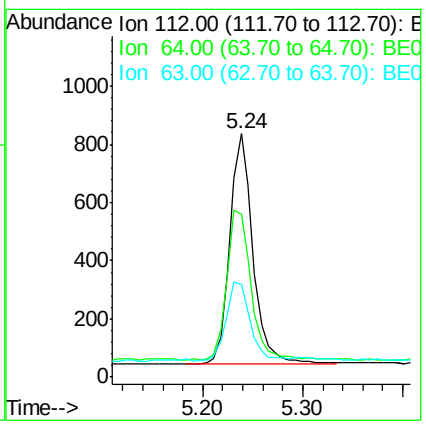


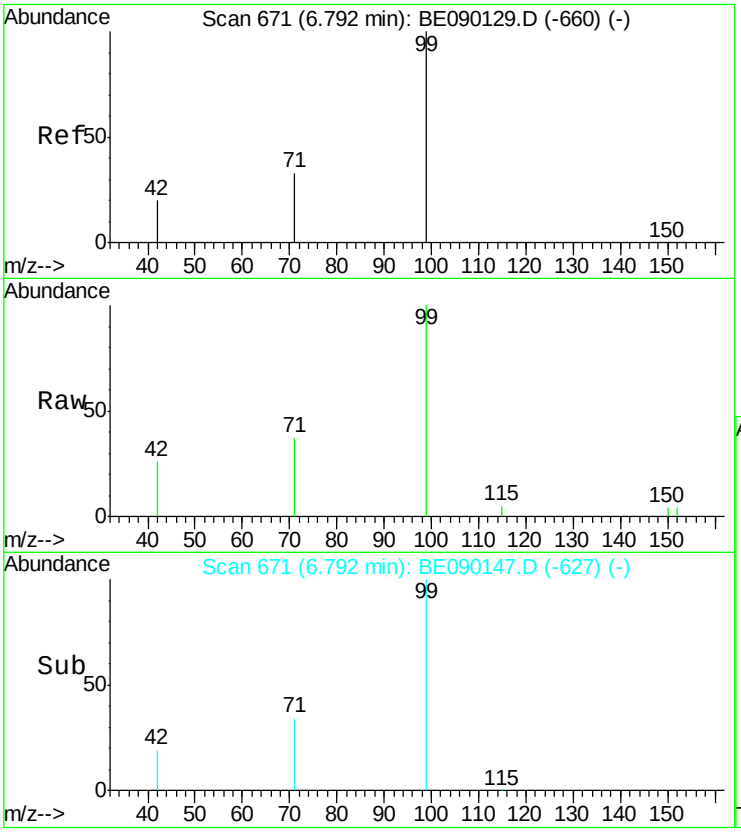


#4
2-Fluorophenol
Concen: 0.47 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:112 Resp: 1266

Ion	Ratio	Lower	Upper
112	100		
64	68.6	55.4	83.2
63	35.8	29.3	43.9



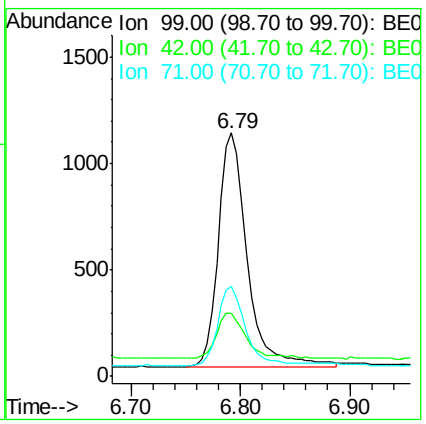


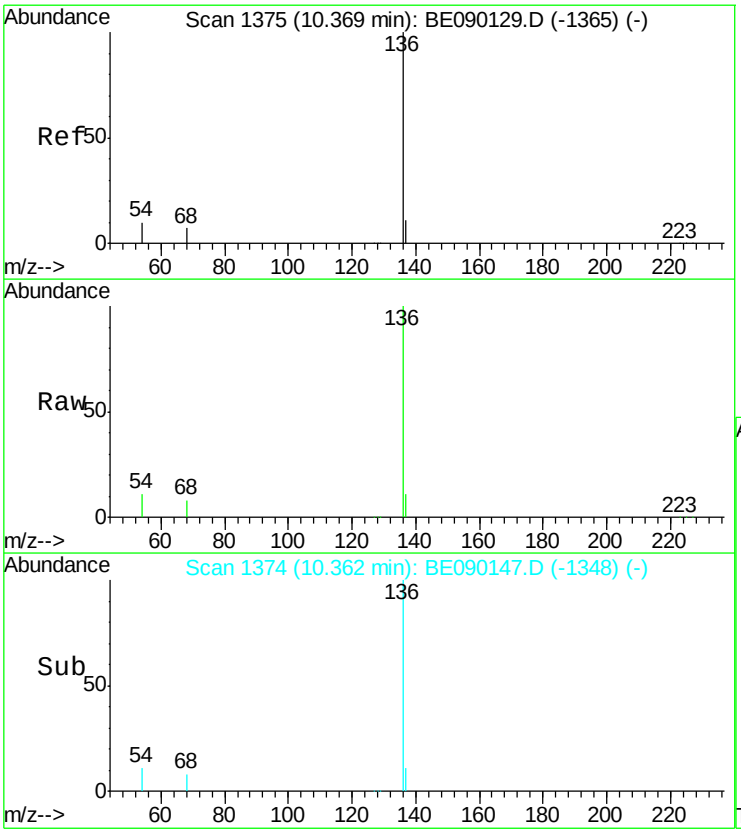
#5
Phenol-d6
Concen: 0.52 ng
RT: 6.79 min Scan# 671
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion: 99 Resp: 2009

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.8	25.2
71	33.2	26.6	39.8

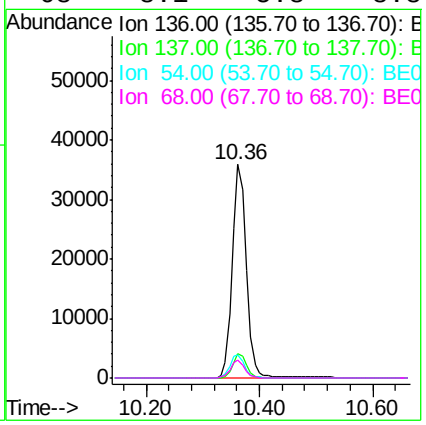


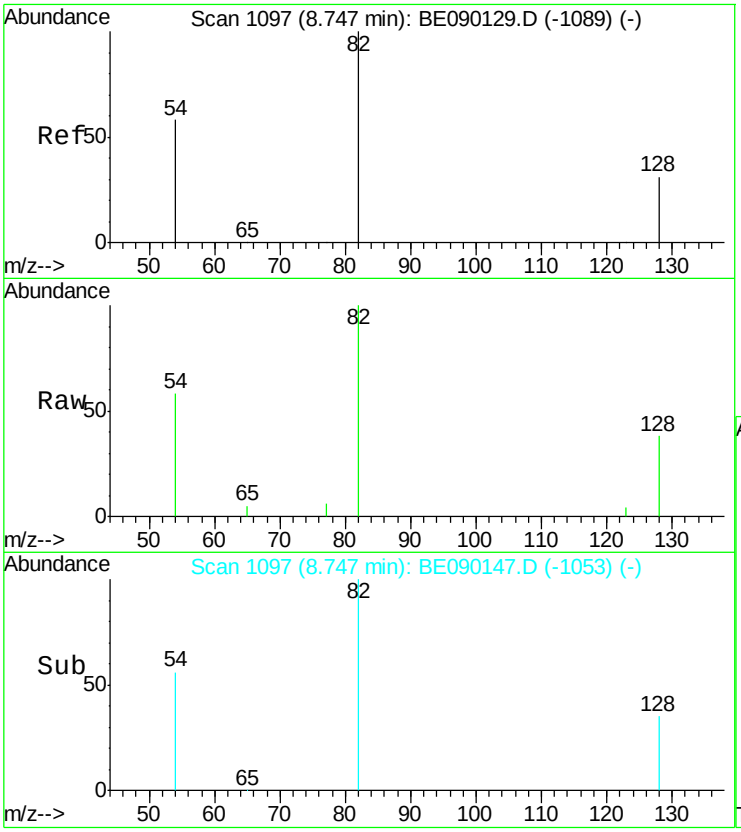


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:136 Resp: 61615

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	11.0	7.8	11.8
68	8.1	5.8	8.8



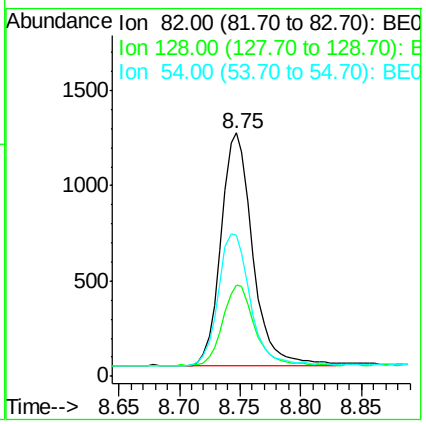


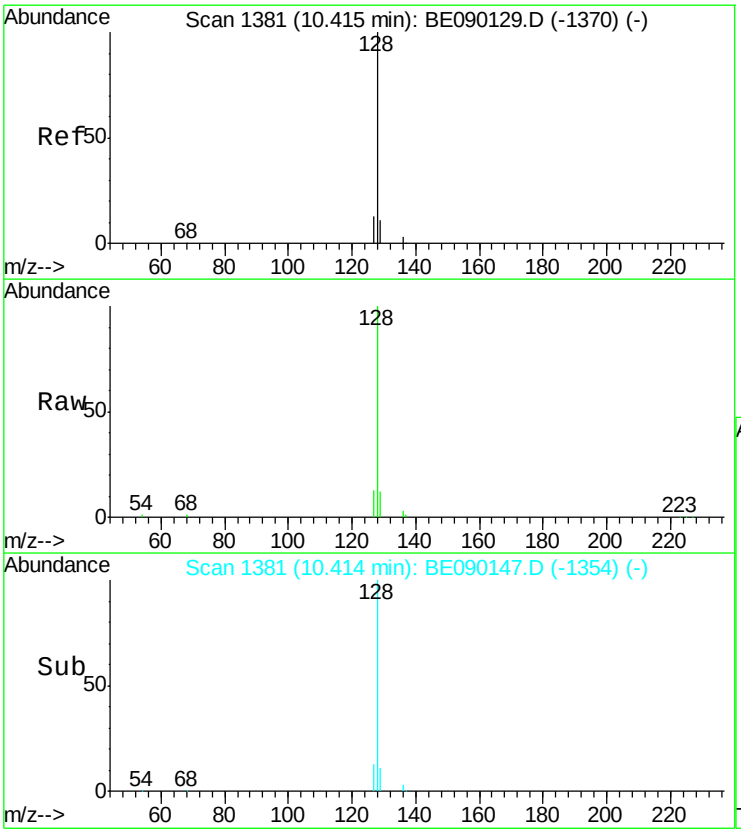
#7
Nitrobenzene-d5
Concen: 0.49 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion: 82 Resp: 2218

Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.2	39.2
54	58.1	47.1	70.7

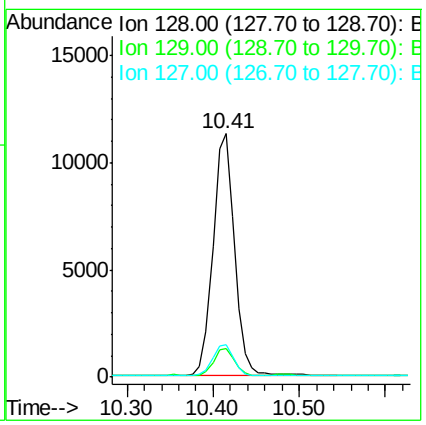


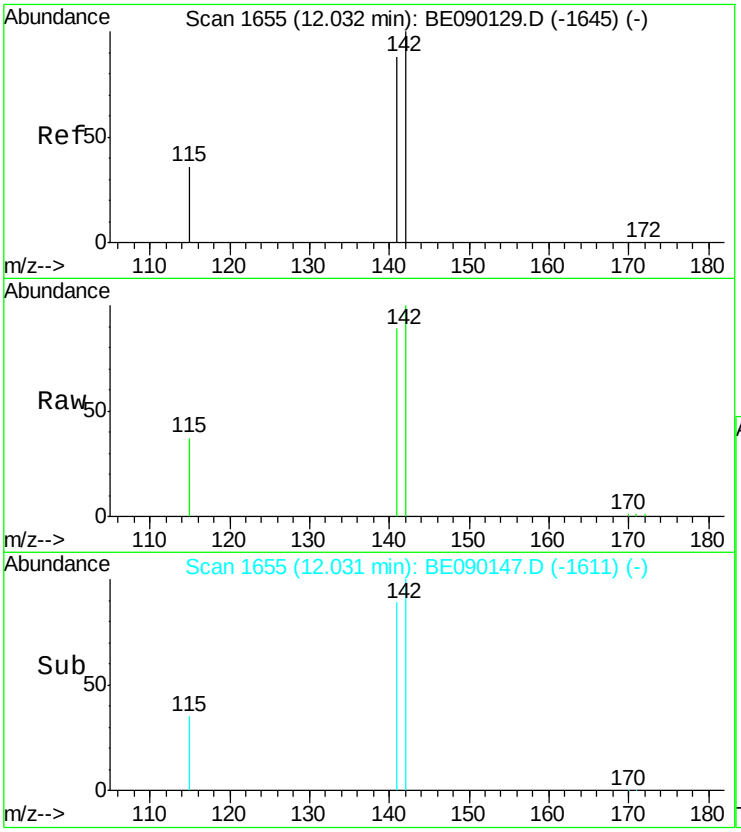


#9
Naphthalene
Concen: 1.39 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:128 Resp: 19434

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.2	10.8	16.2



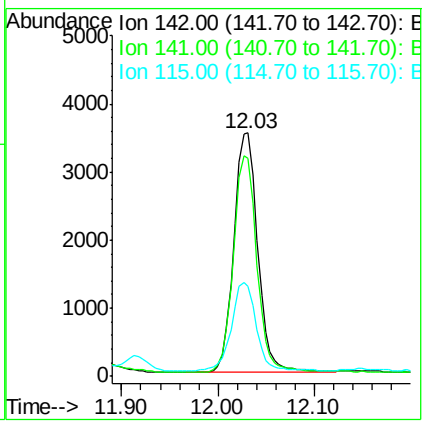


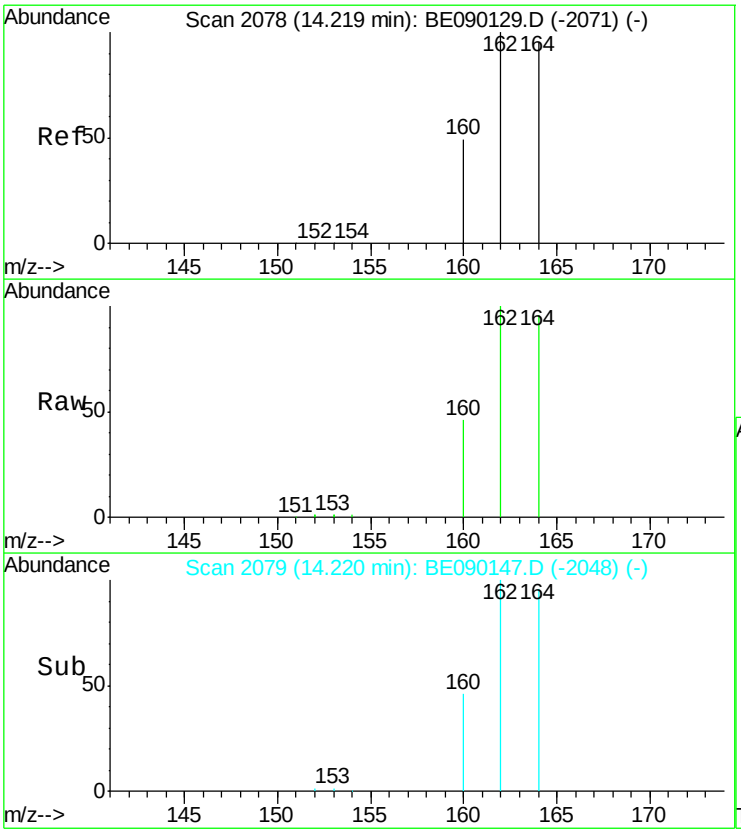
#11
2-Methylnaphthalene
Concen: 0.68 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:142 Resp: 6084

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	37.1	29.4	44.0

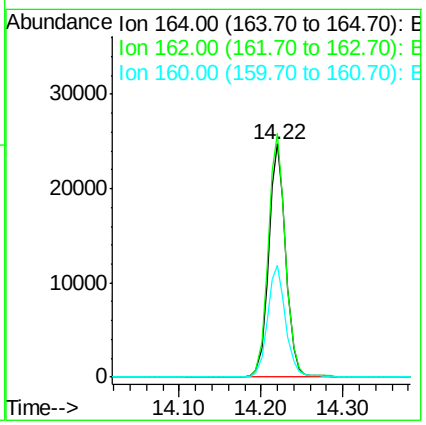


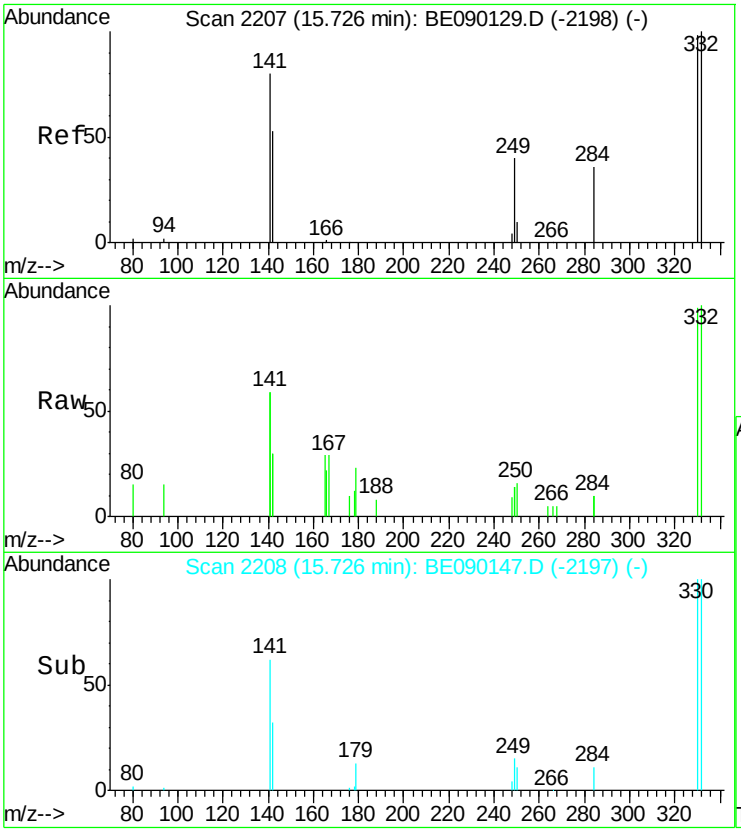


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:164 Resp: 35779

Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.0	126.0
160	48.2	41.1	61.7



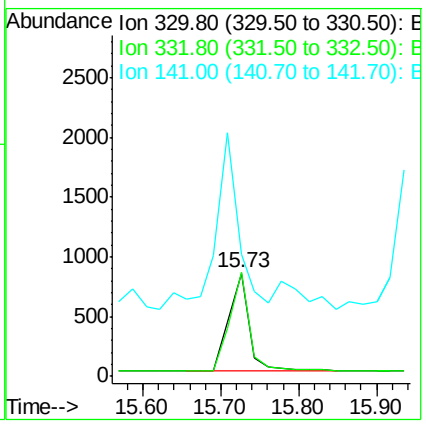


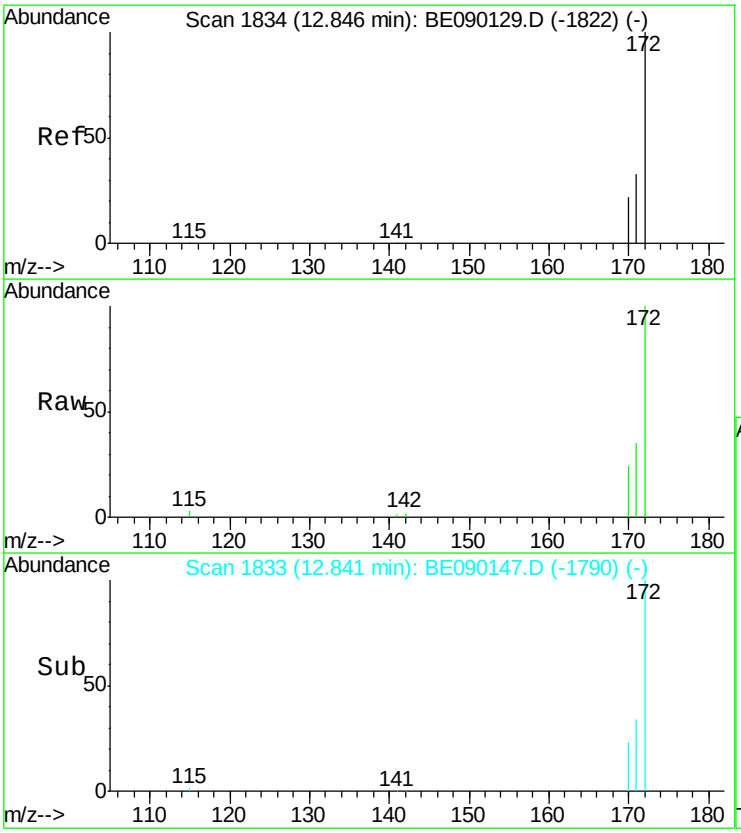
#13
2,4,6-Tribromophenol
Concen: 1.74 ng
RT: 15.73 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:330 Resp: 1513

Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.4	119.0
141	202.5	160.2	240.2

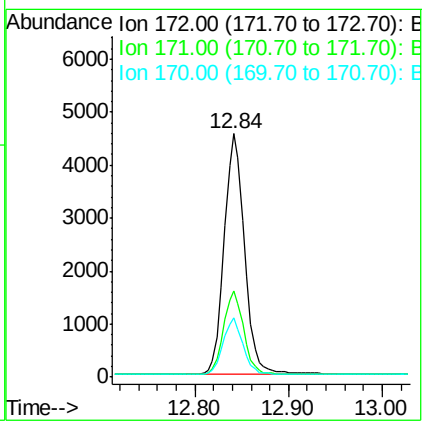


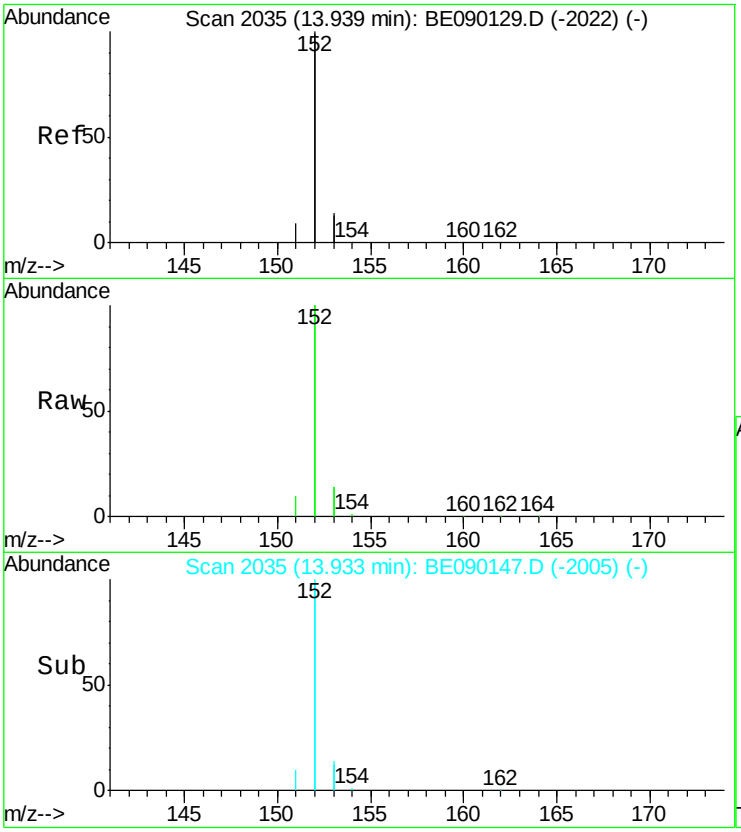


#14
2-Fluorobiphenyl
Concen: 0.63 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:172 Resp: 6918

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.1	40.7
170	24.3	17.9	26.9



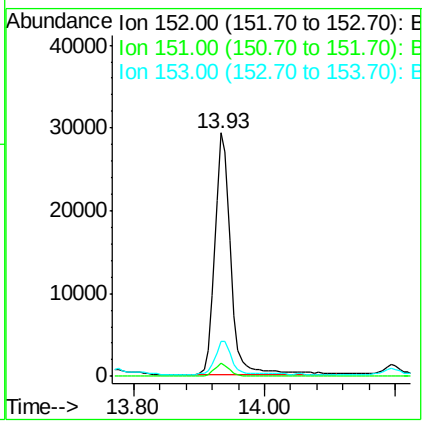


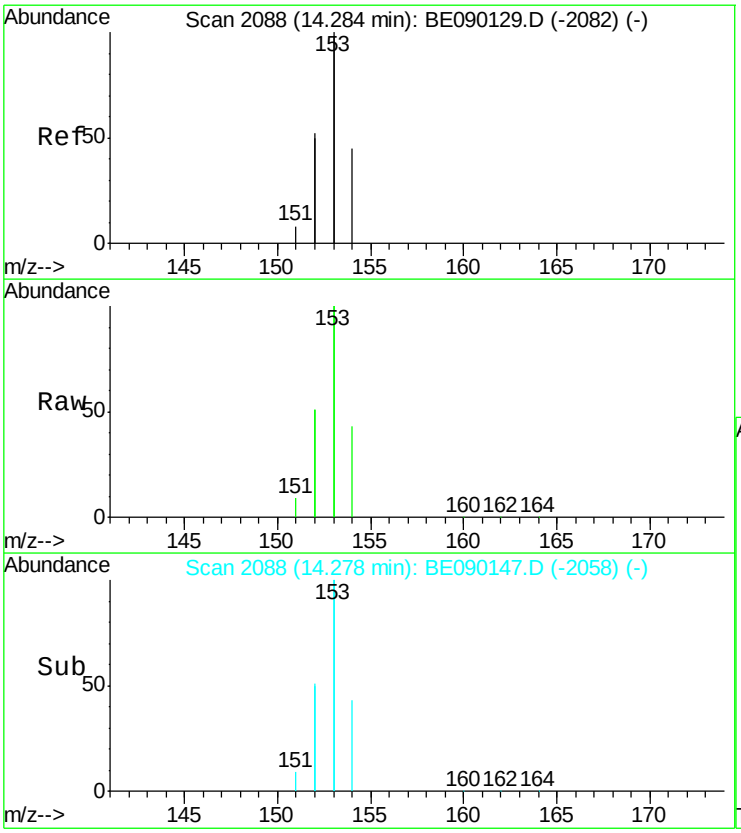
#15
Acenaphthylene
Concen: 0.77 ng
RT: 13.93 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:152 Resp: 49146

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	14.1	10.4	15.6

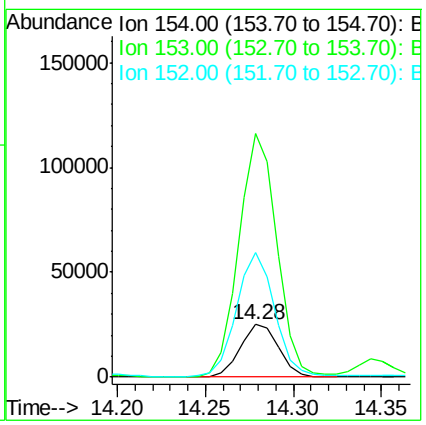


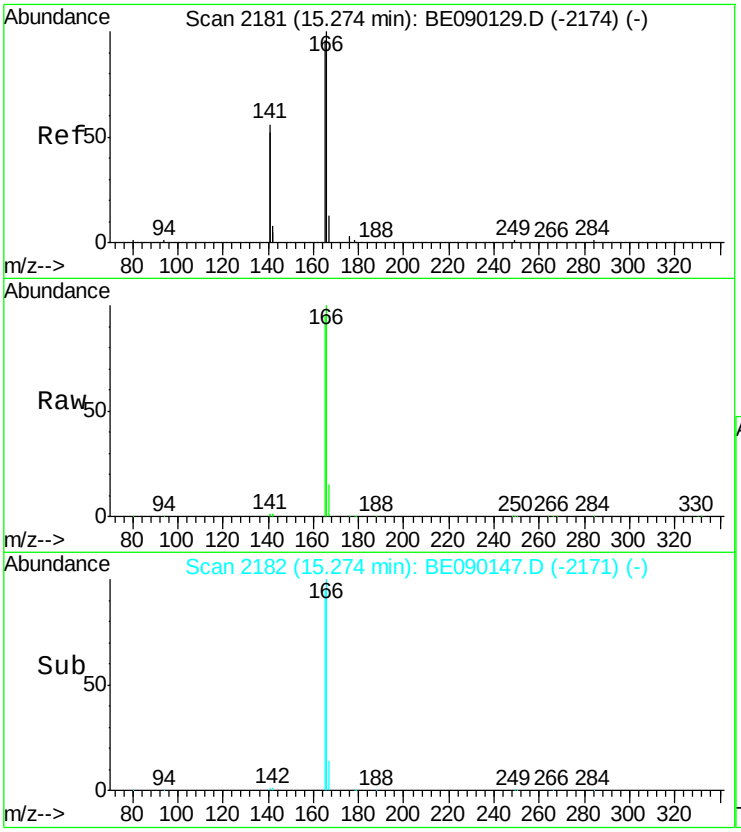


#16
Acenaphthene
Concen: 4.10 ng
RT: 14.28 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:154 Resp: 37741

Ion	Ratio	Lower	Upper
154	100		
153	457.3	369.5	554.3
152	234.1	202.2	303.4



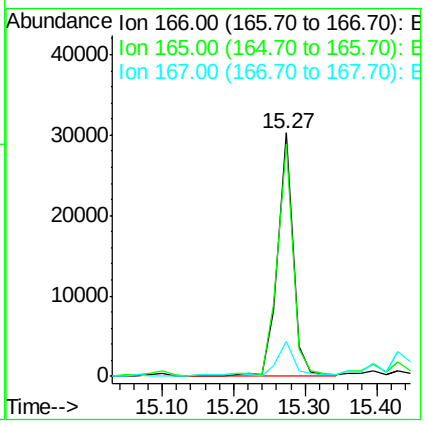


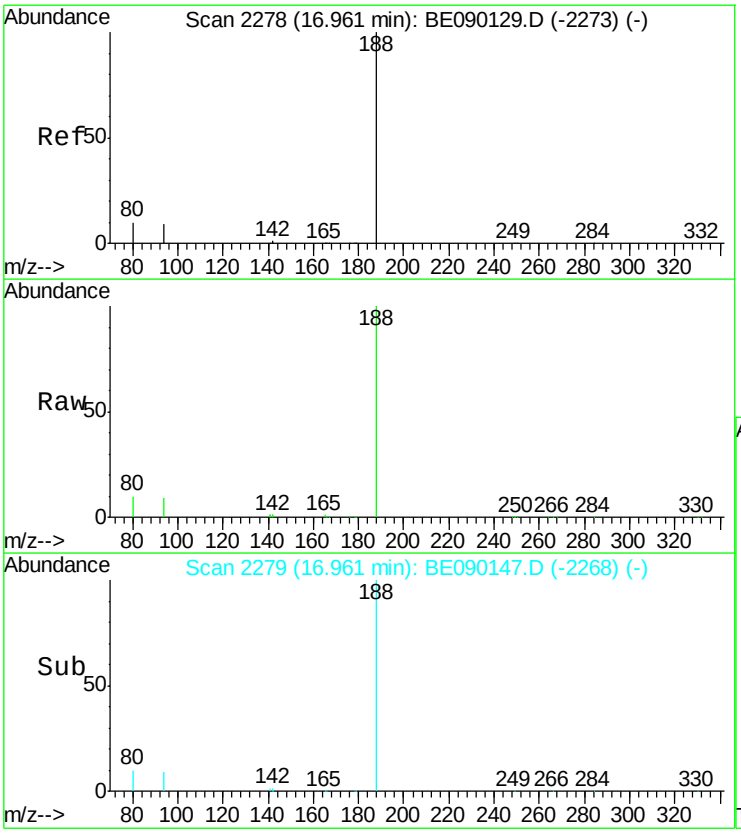
#17
Fluorene
Concen: 3.77 ng
RT: 15.27 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:166 Resp: 45270

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.7	118.1
167	14.6	11.1	16.7

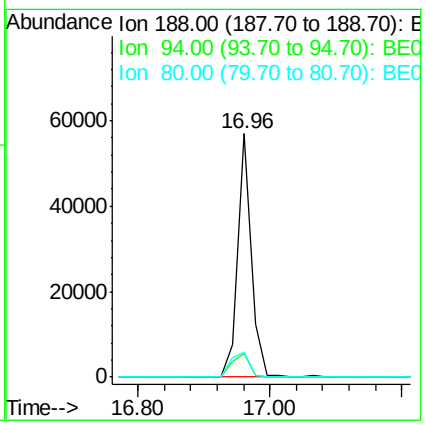


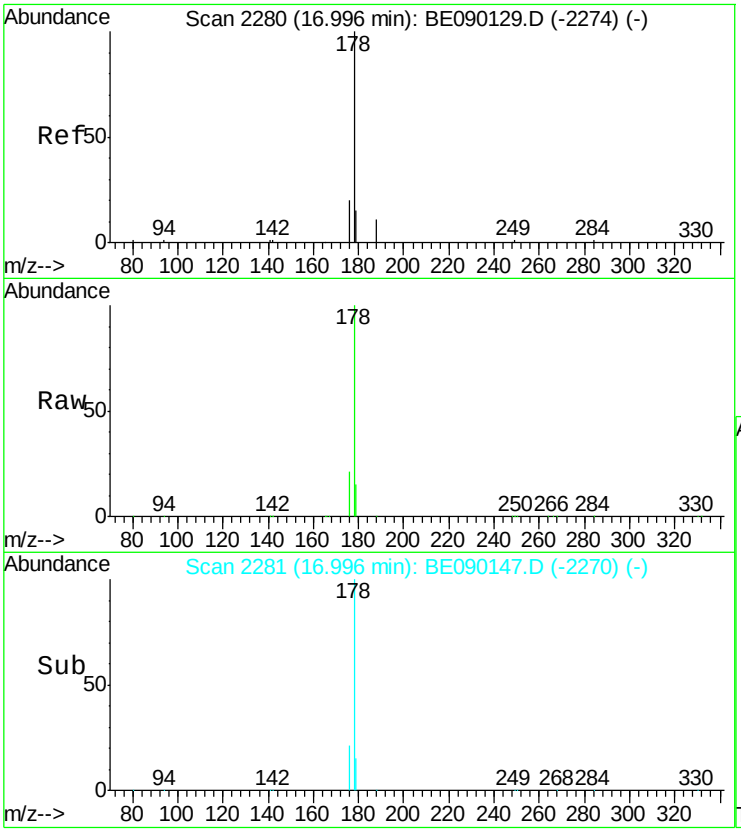


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:188 Resp: 81444

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.1	8.0	12.0



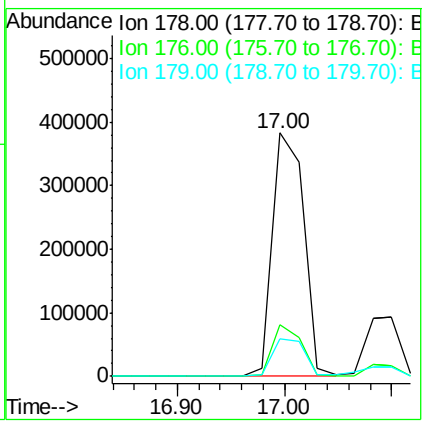


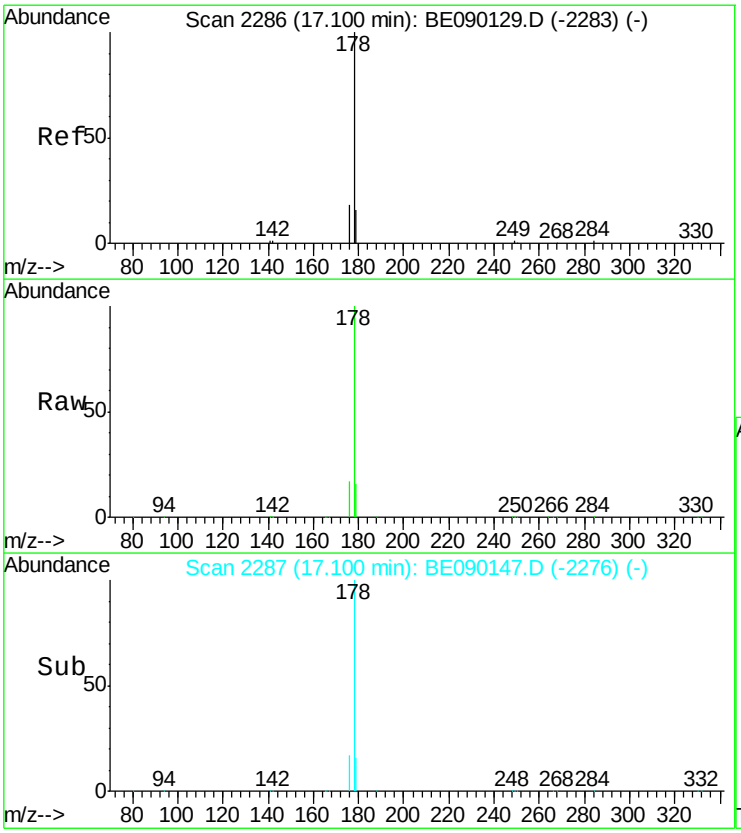
#22
Phenanthrene
Concen: 38.07 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:178 Resp: 780580

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.0	12.2	18.4

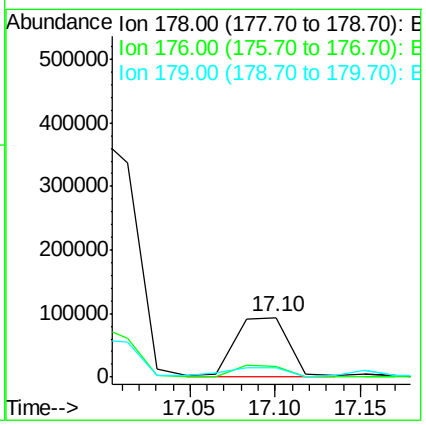


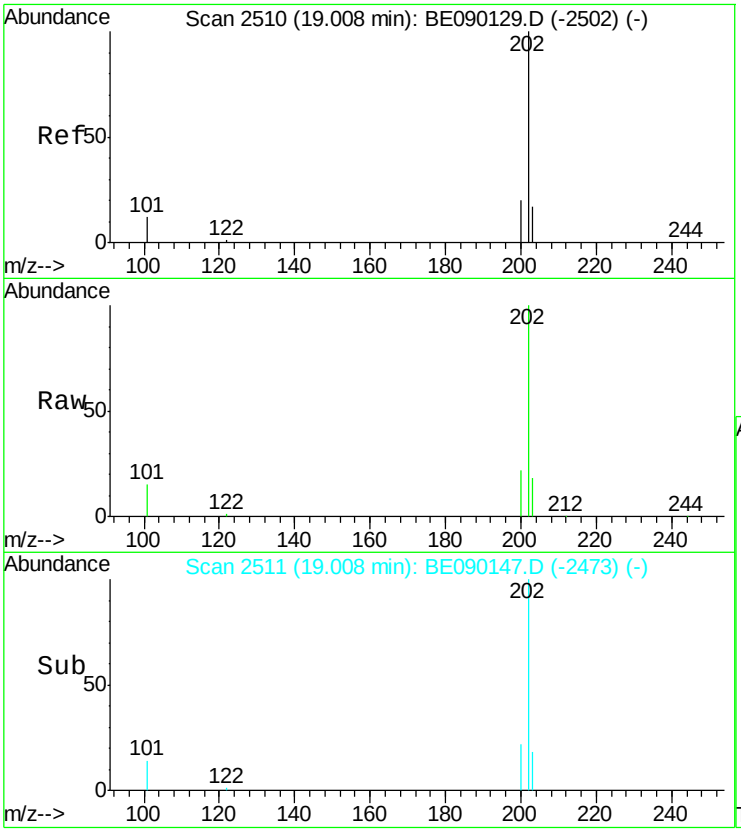


#23
Anthracene
Concen: 11.42 ng m
RT: 17.10 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:178 Resp: 207514

Ion	Ratio	Lower	Upper
178	100		
176	73.9	14.7	22.1#
179	60.2	12.2	18.4#



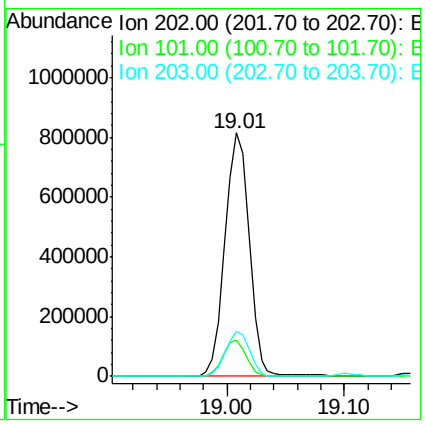


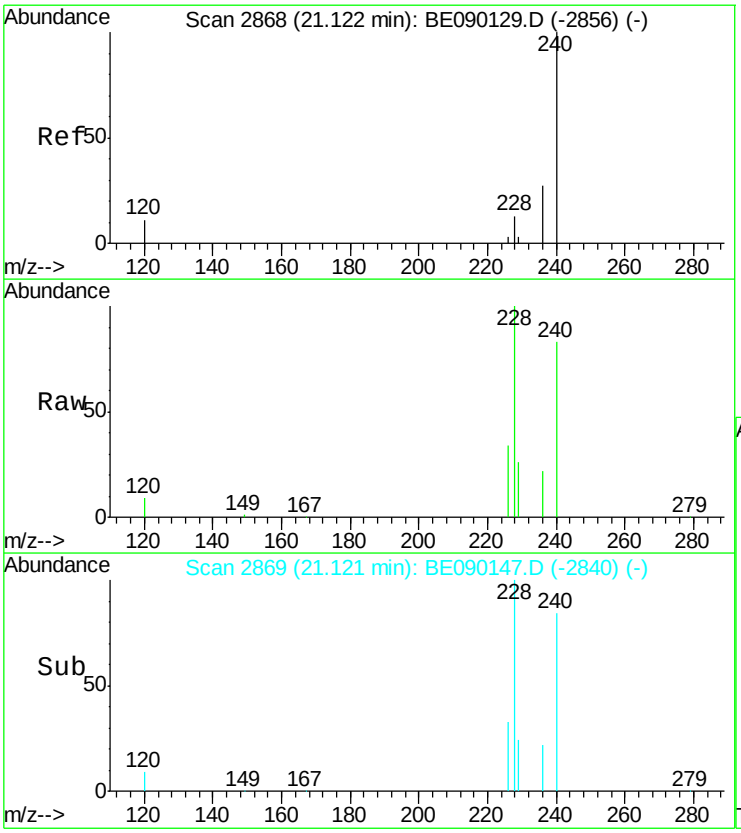
#24
Fluoranthene
Concen: 57.46 ng
RT: 19.01 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:202 Resp: 1164058

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.1	15.1
203	18.1	13.8	20.8

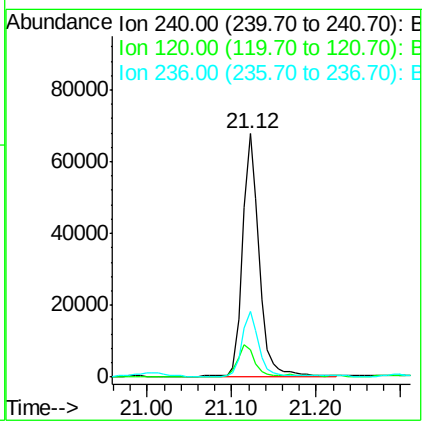


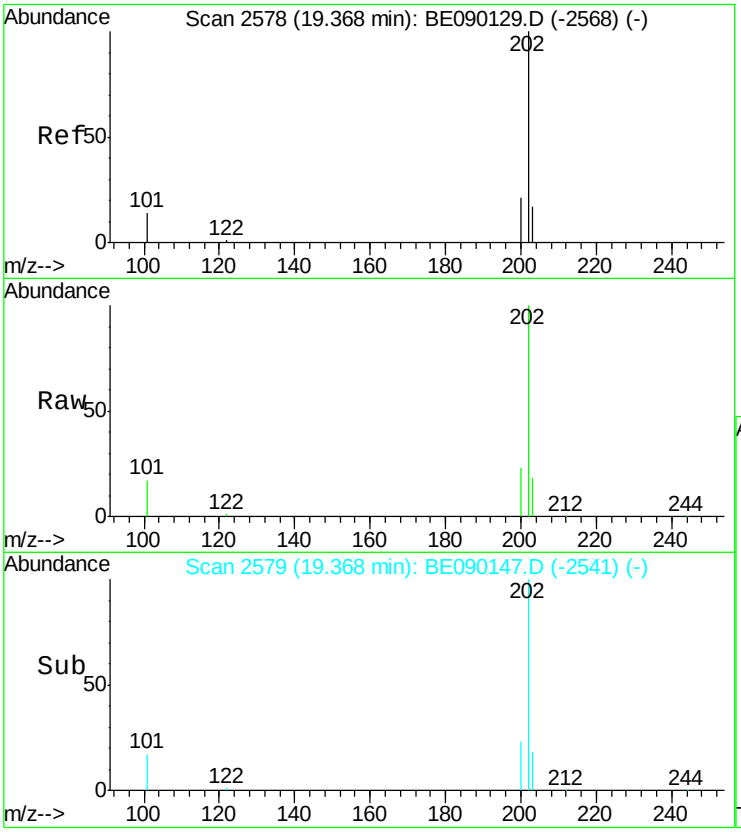


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:240 Resp: 91284

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.8	13.2
236	26.7	21.4	32.0



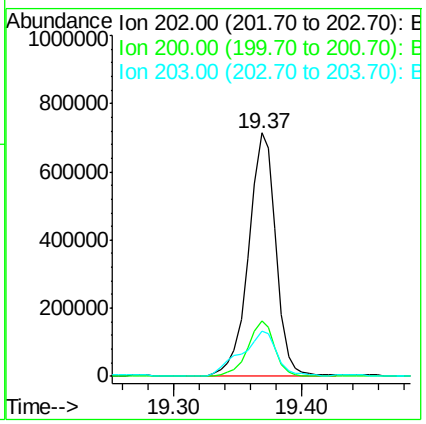


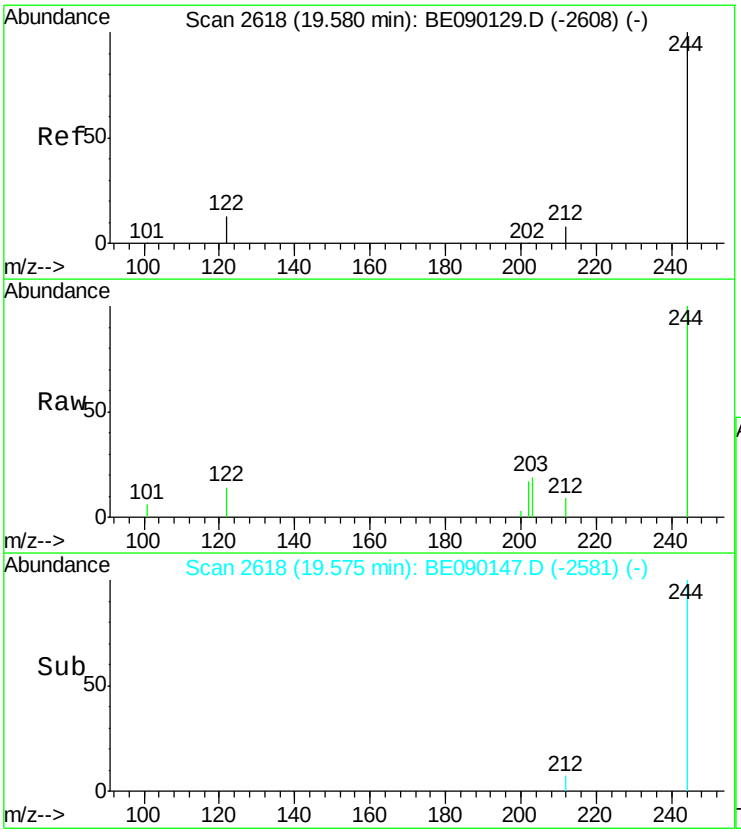
#26
Pyrene
Concen: 42.95 ng
RT: 19.37 min Scan# 2579
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:202 Resp: 1060116

Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	24.8
203	24.1	13.9	20.9#

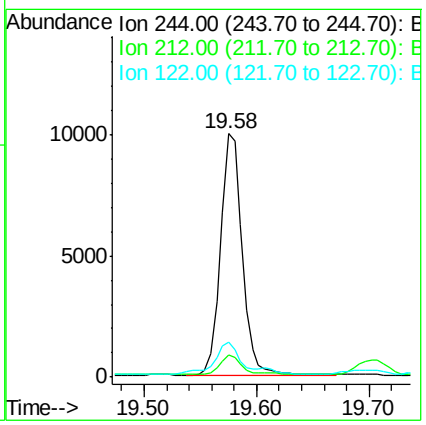


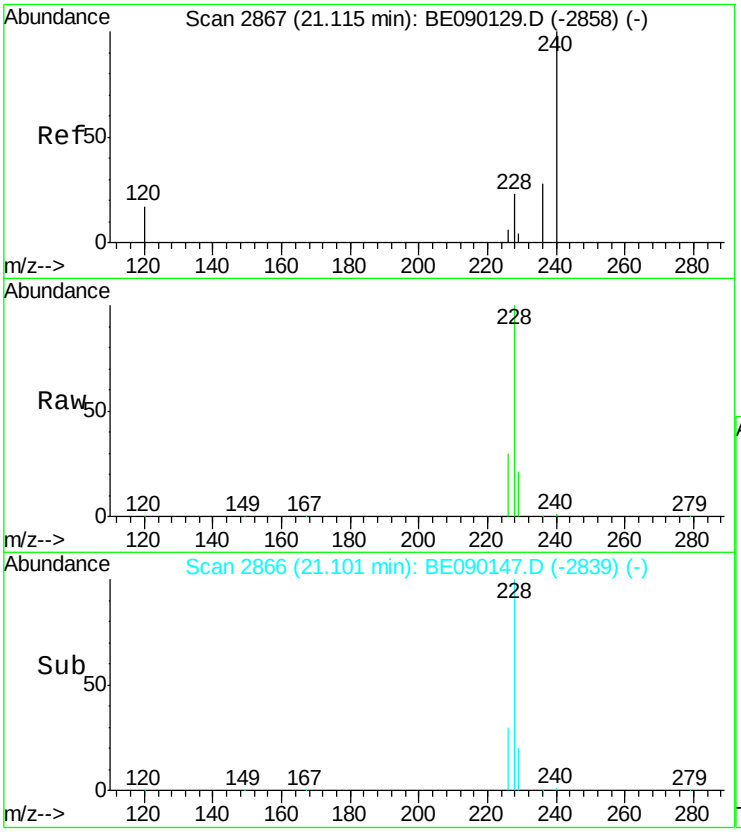


#27
Terphenyl-d14
Concen: 0.87 ng
RT: 19.58 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:244 Resp: 13362

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.7	10.1
122	14.2	10.7	16.1



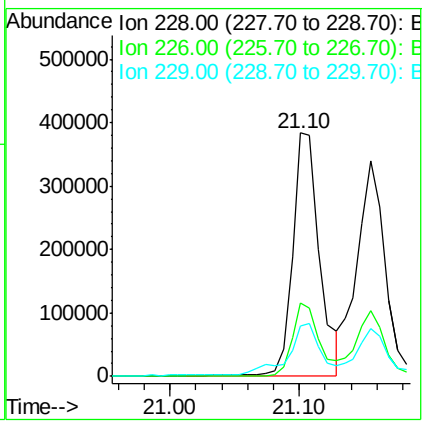


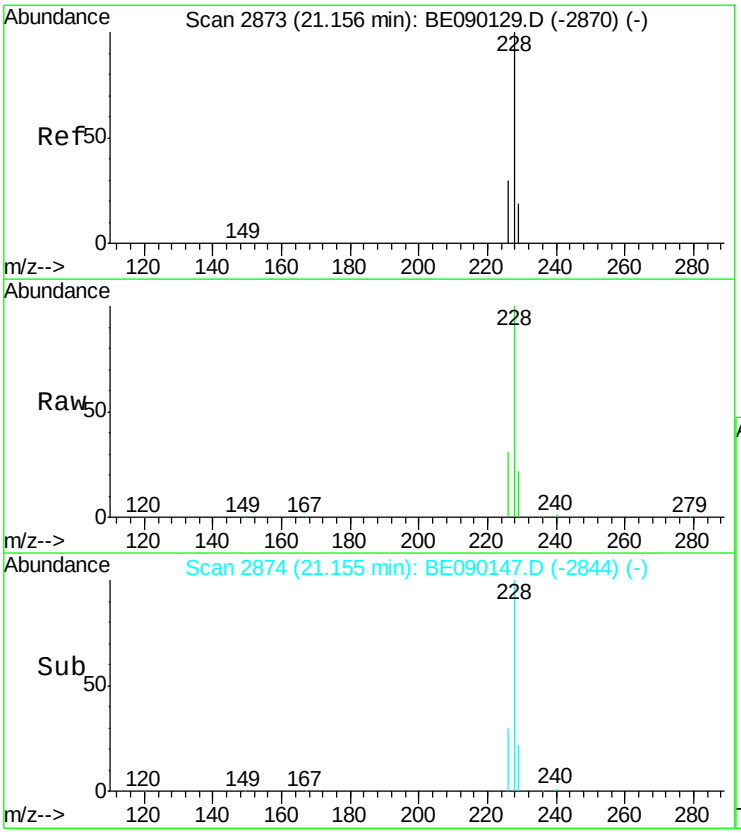
#28
Benzo(a)anthracene
Concen: 35.95 ng
RT: 21.10 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:228 Resp: 556243

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.3	31.9
229	20.8	16.1	24.1

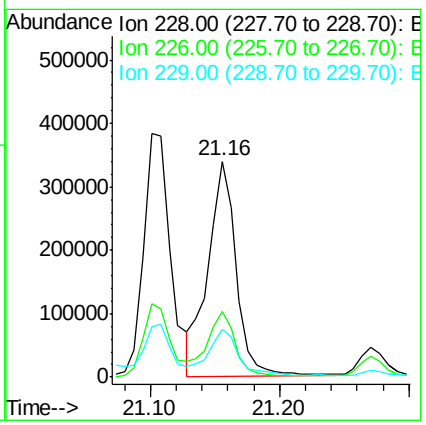


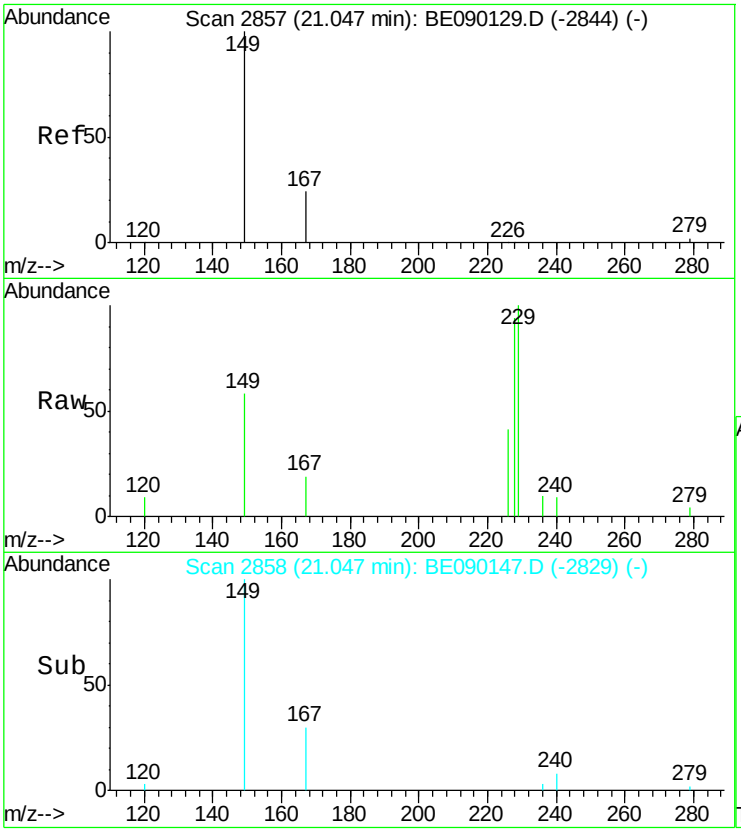


#29
Chrysene
Concen: 22.65 ng
RT: 21.16 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:228 Resp: 517827

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.5	35.3
229	22.3	16.0	24.0



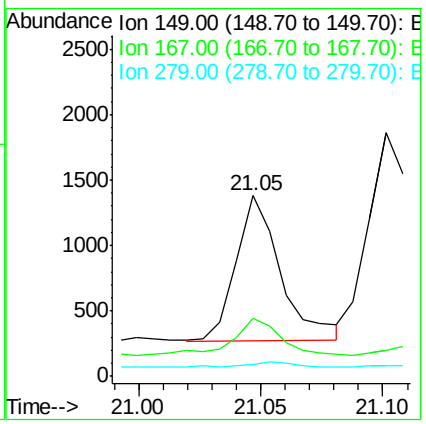


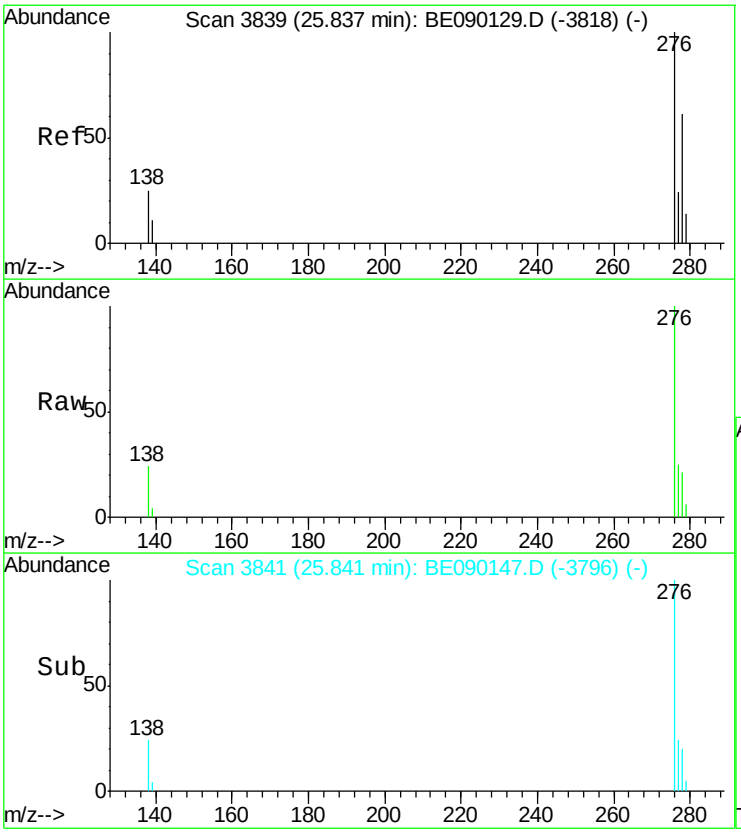
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.47 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:149 Resp: 1414

Ion	Ratio	Lower	Upper
149	100		
167	30.0	18.6	27.8#
279	4.2	2.2	3.4#

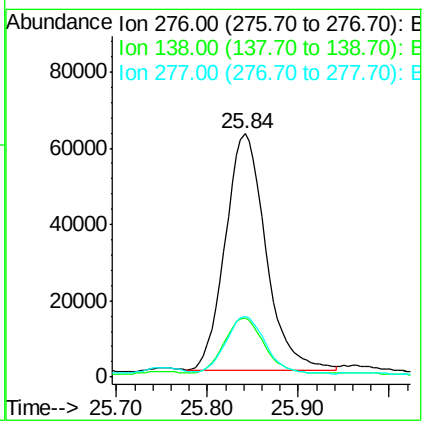


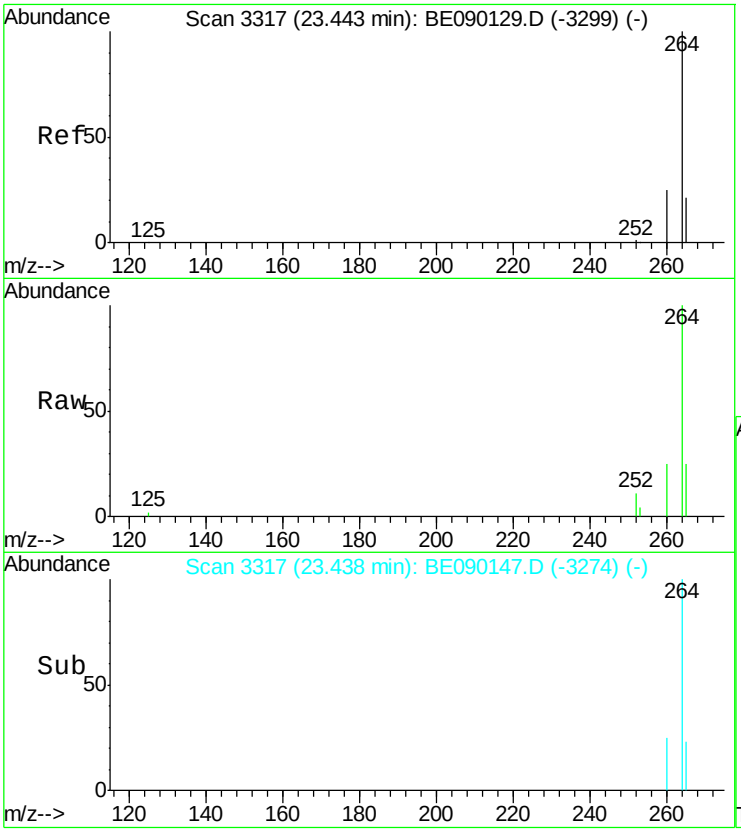


#31
Indeno(1,2,3-cd)pyrene
Concen: 31.52 ng
RT: 25.84 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:276 Resp: 191320

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.3	25.9
277	23.8	17.3	25.9



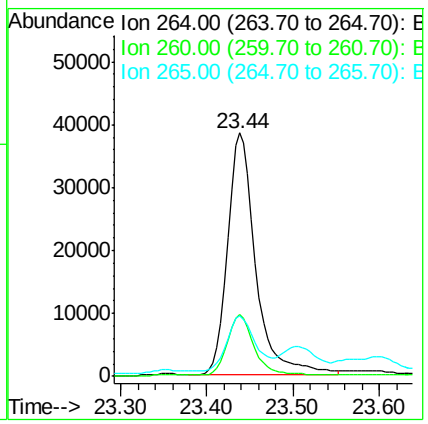


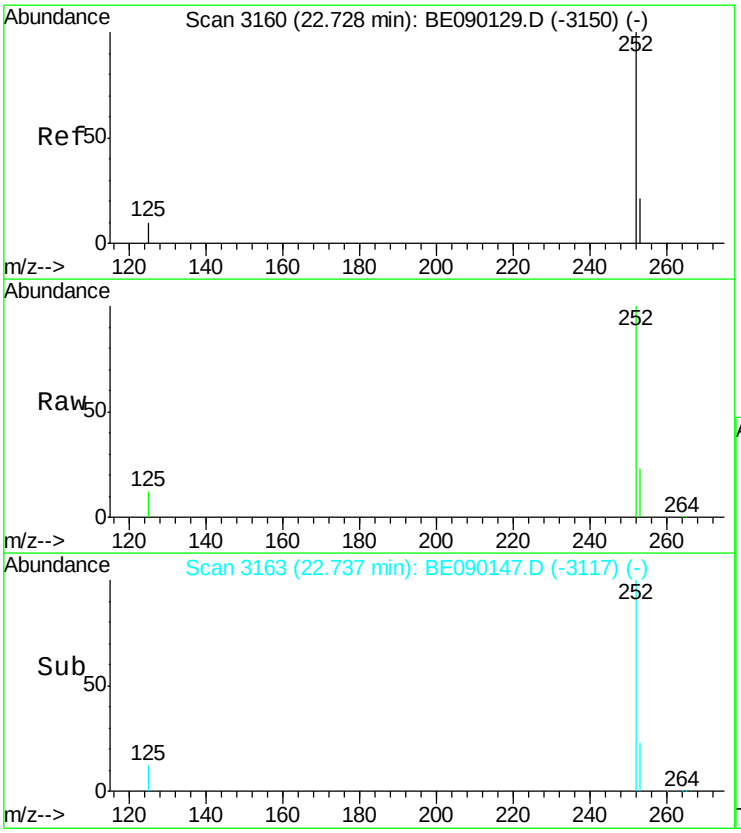
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:264 Resp: 87771

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	24.6	17.8	26.8

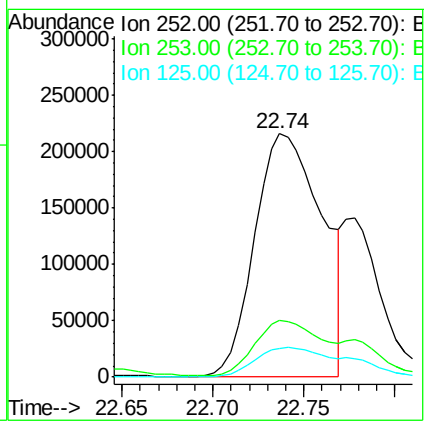


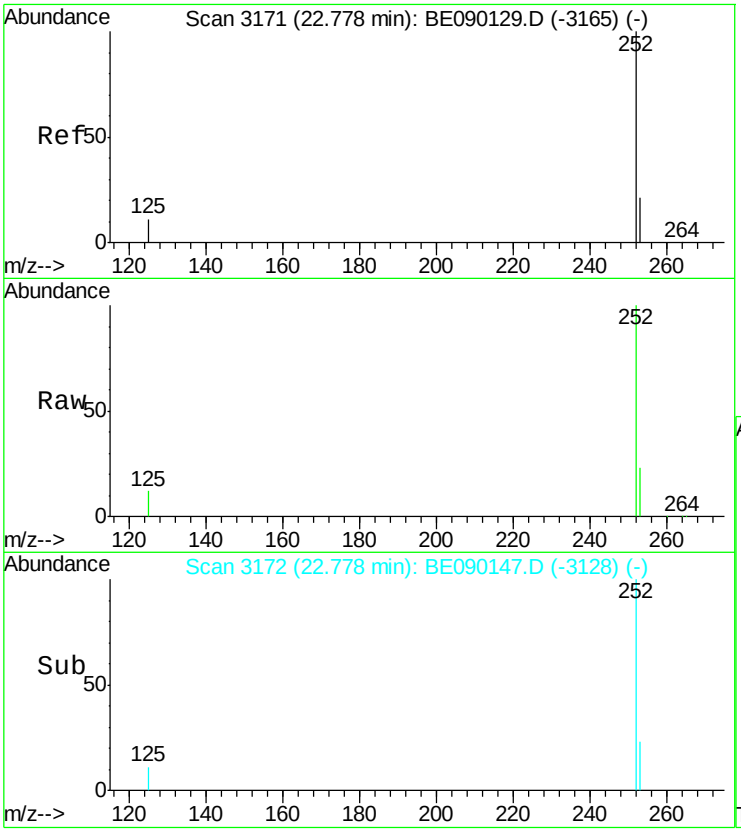


#33
Benzo(b)fluoranthene
Concen: 87.14 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:252 Resp: 556026

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	12.0	10.7	16.1



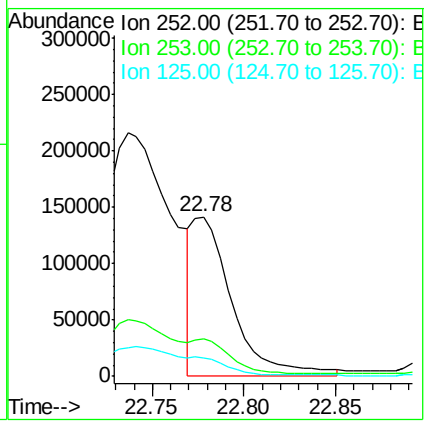


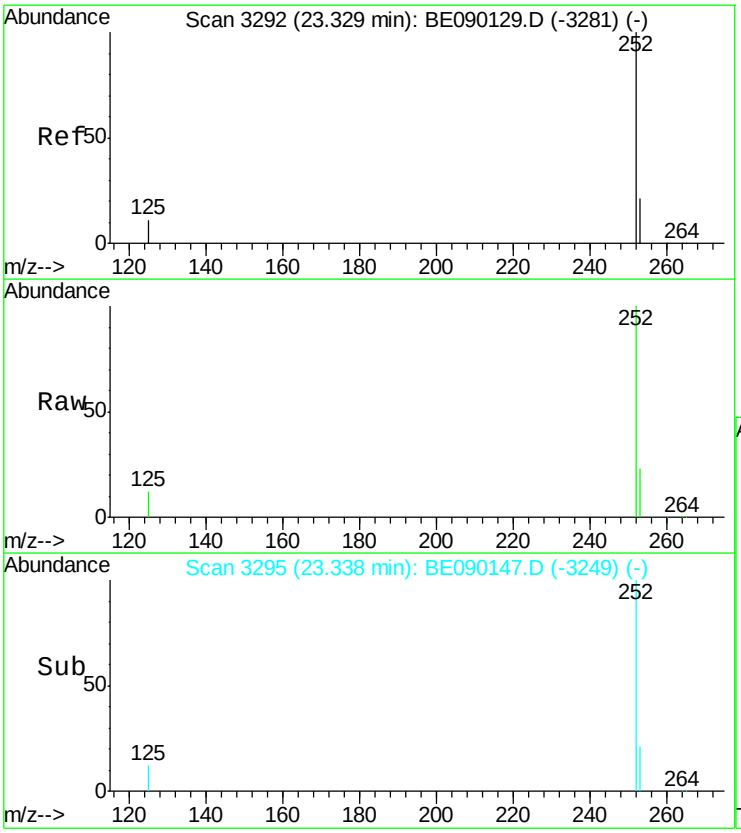
#34
Benzo(k)fluoranthene
Concen: 8.03 ng m
RT: 22.78 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:252 Resp: 215396

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	11.7	10.5	15.7

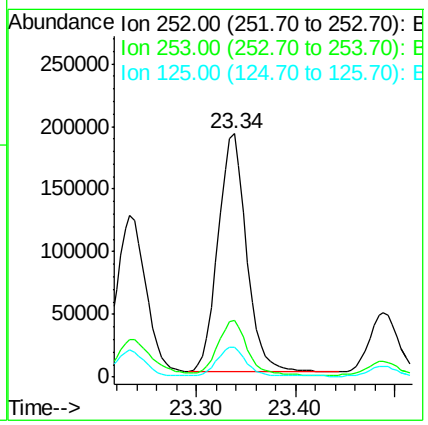


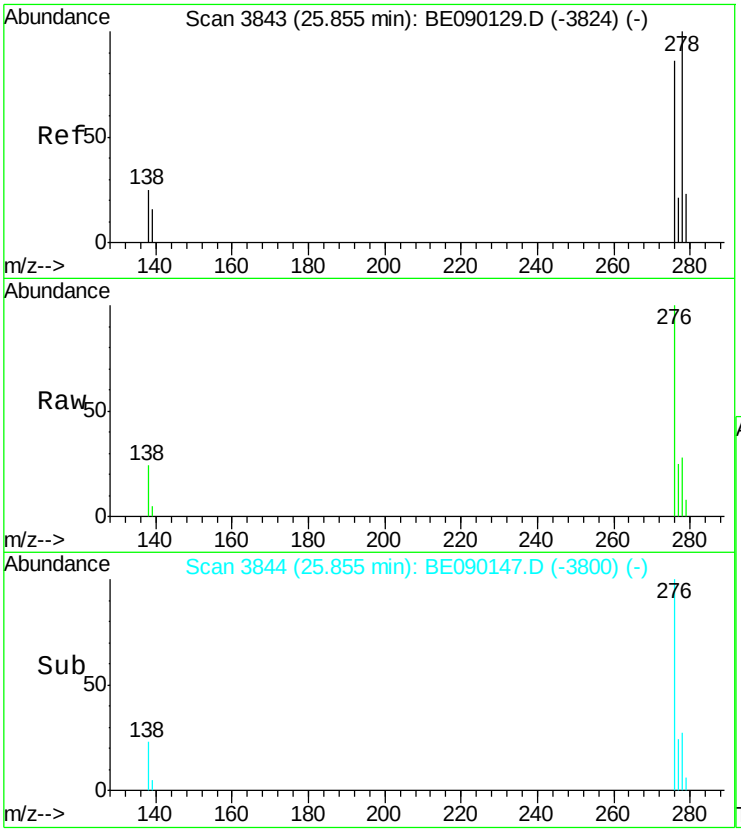


#35
Benzo(a)pyrene
Concen: 20.59 ng
RT: 23.34 min Scan# 3295
Delta R.T. 0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:252 Resp: 379430

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	12.4	11.9	17.9



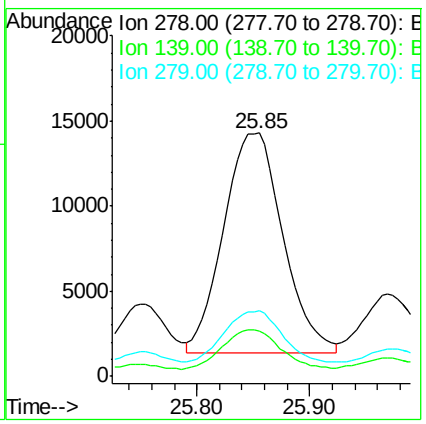


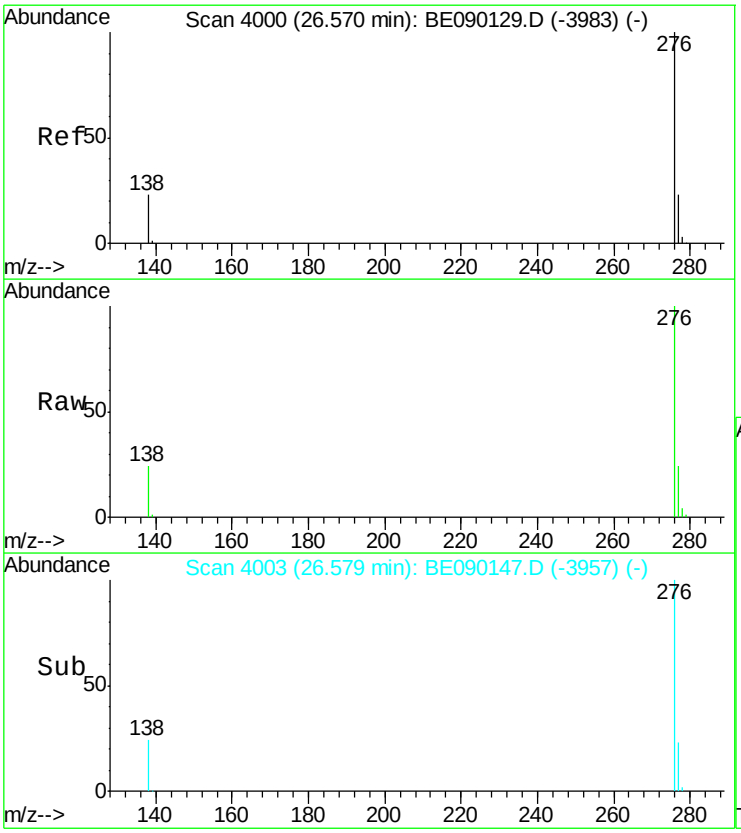
#36
Dibenzo(a,h)anthracene
Concen: 4.88 ng
RT: 25.85 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Instrument :
BNA_E
ClientSampleId :
STOCKPILE-7-15-15

Tgt Ion:278 Resp: 46682

Ion	Ratio	Lower	Upper
278	100		
139	18.6	18.3	27.5
279	26.7	23.3	34.9





#37
Benzo(g,h,i)perylene
Concen: 10.81 ng
RT: 26.58 min Scan# 4003
Delta R.T. 0.01 min
Lab File: BE090147.D
Acq: 17 Jul 2015 9:18

Tgt Ion:276 Resp: 198809

Ion	Ratio	Lower	Upper
276	100		
277	24.1	22.0	33.0
138	24.4	22.0	33.0