Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090149.D
Acq On : 17 Jul 2015 10:30
Operator : TP/IZ
Sample : G3015-01MSD 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 17 13:58:55 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	11394	5.00	ng		0.00
6) Naphthalene-d8	10.37	136	53119	5.00	ng		0.00
12) Acenaphthene-d10	14.22	164	30377	5.00	ng		0.00
18) Phenanthrene-d10	16.96	188	66942	5.00	ng		0.00
25) Chrysene-d12	21.13	240	70072	5.00	ng		0.00
32) Perylene-d12	23.45	264	69858	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2101	0.86	ng		0.00
5) Phenol-d6	6.80	99	3230	0.94	ng		0.00
7) Nitrobenzene-d5	8.75	82	1876	0.48	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	863	1.29	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	4266	0.46	ng		0.00
27) Terphenyl-d14	19.58	244	7273	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	572	0.37	ng	#	85
3) n-Nitrosodimethylamine	3.53	42	661	0.37	ng	#	78
8) Nitrobenzene	8.79	77	1747	0.42	ng		99
9) Naphthalene	10.41	128	67251	5.59	ng		99
10) Hexachlorobutadiene	10.71	225	825	0.41	ng		99
11) 2-Methylnaphthalene	12.03	142	19640	2.55	ng		100
15) Acenaphthylene	13.94	152	161654	2.99	ng		99
16) Acenaphthene	14.28	154	96953	12.41	ng		94
17) Fluorene	15.27	166	108994	10.68	ng		98
19) 4-Bromophenyl-phenylether	16.16	248	1233	0.43	ng	#	63
20) Hexachlorobenzene	16.28	284	5237	0.42	ng		95
21) Pentachlorophenol	16.63	266	986	1.61	ng		94
22) Phenanthrene	17.01	178	1587758	94.22	ng		97
23) Anthracene	17.10	178	505835m	33.87	ng		
24) Fluoranthene	19.02	202	2410051	144.74	ng		95
26) Pyrene	19.38	202	2228298	117.60	ng	#	88
28) Benzo(a)anthracene	21.11	228	1275713	107.40	ng		93
29) Chrysene	21.16	228	1179117	67.32	ng		94
30) Bis(2-ethylhexyl)phthalate	21.05	149	5527	2.21	ng	#	88
31) Indeno(1,2,3-cd)pyrene	25.86	276	570103	122.07	ng		95
33) Benzo(b)fluoranthene	22.75	252	1388850	273.47	ng		98
34) Benzo(k)fluoranthene	22.79	252	560797m	25.86	ng		
35) Benzo(a)pyrene	23.35	252	1001349	67.36	ng		97
36) Dibenzo(a,h)anthracene	25.87	278	164136m	11.34	ng		
37) Benzo(g,h,i)perylene	26.61	276	584642	38.94	ng		94

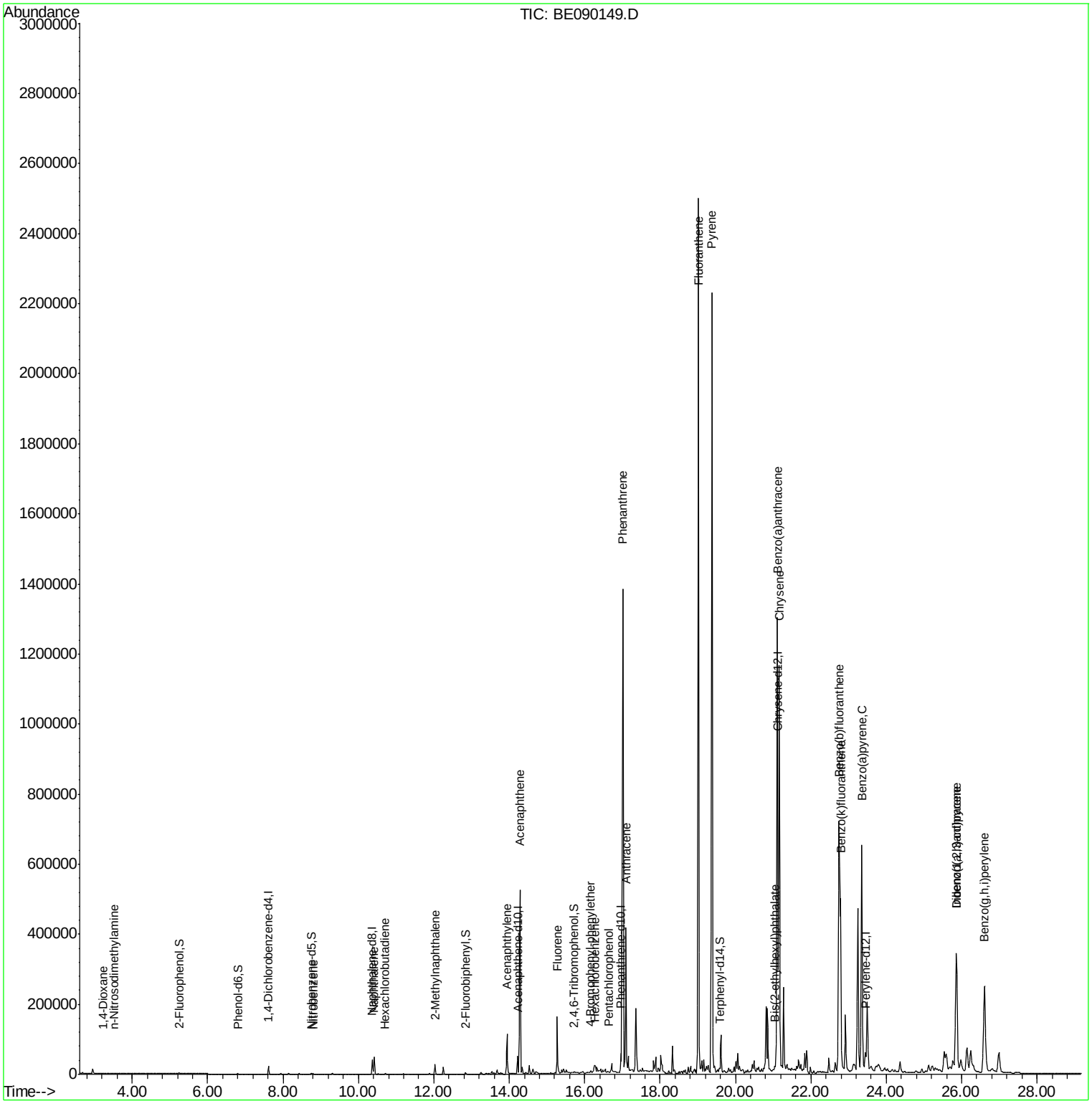
(#) = qualifier out of range (m) = manual integration (+) = signals summed

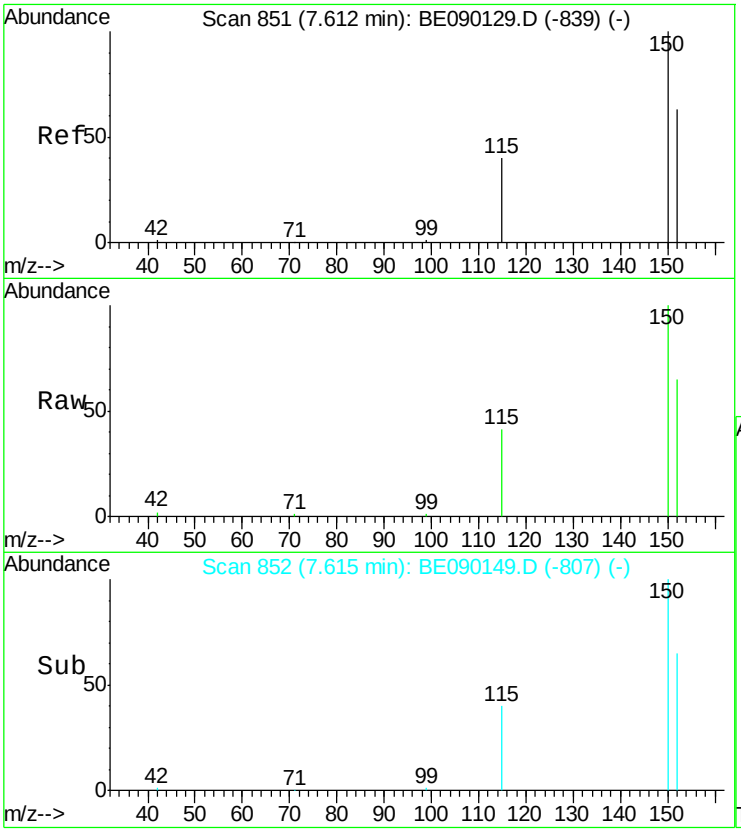
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
Data File : BE090149.D
Acq On : 17 Jul 2015 10:30
Operator : TP/IZ
Sample : G3015-01MSD 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 17 13:58:55 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



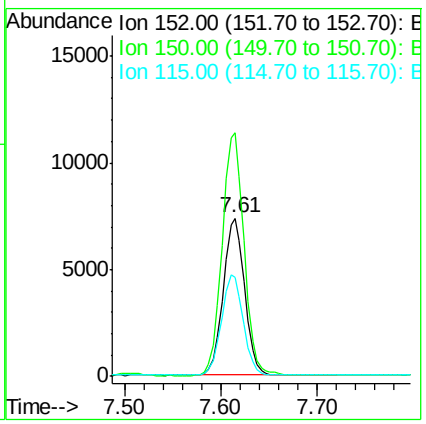


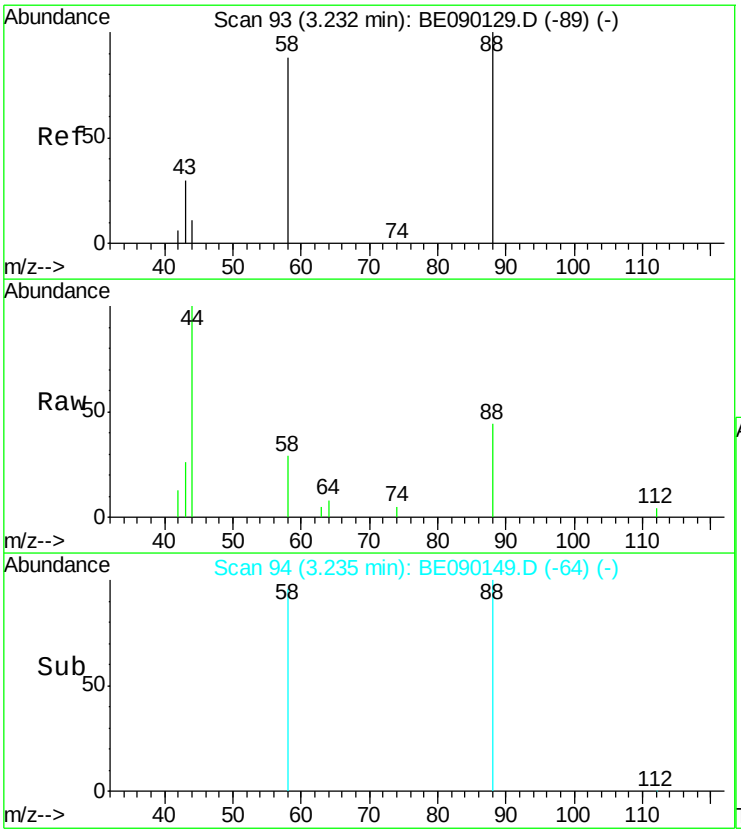
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 852
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:152 Resp: 11394

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.3	190.9
115	62.6	51.0	76.4

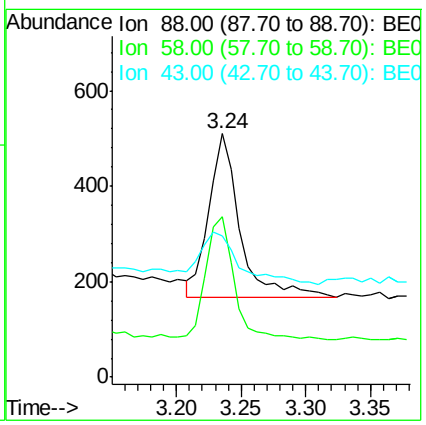


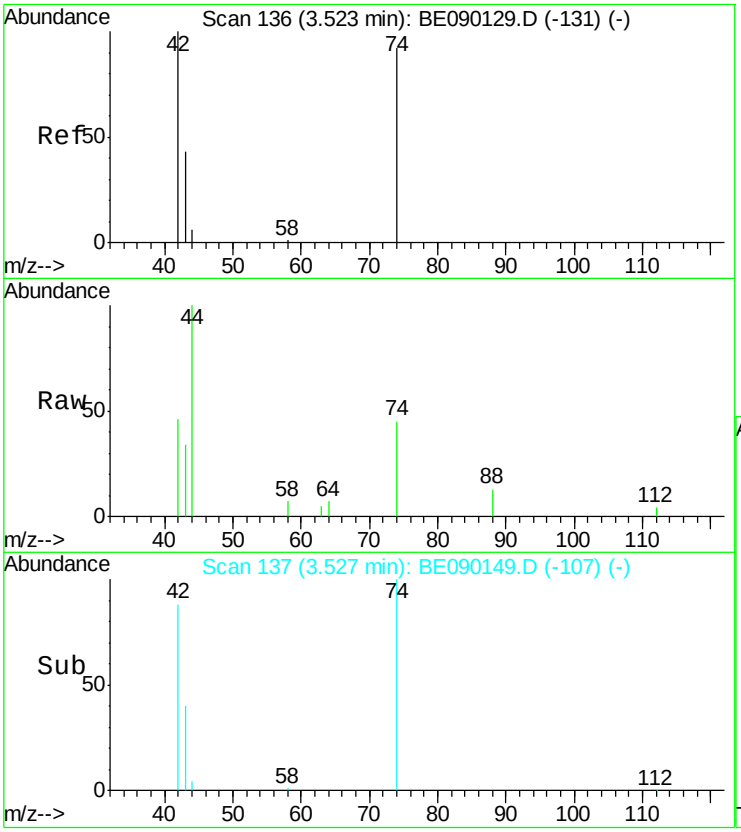


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.24 min Scan# 94
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion: 88 Resp: 572

Ion	Ratio	Lower	Upper
88	100		
58	69.4	67.0	100.4
43	39.3	26.0	39.0#



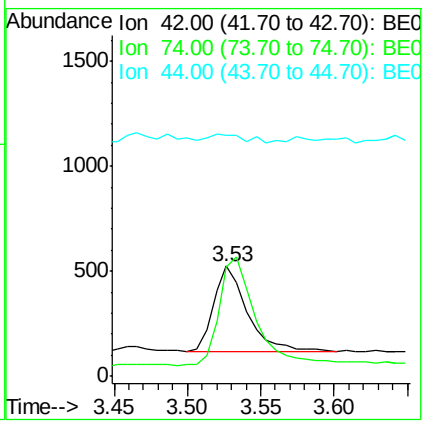


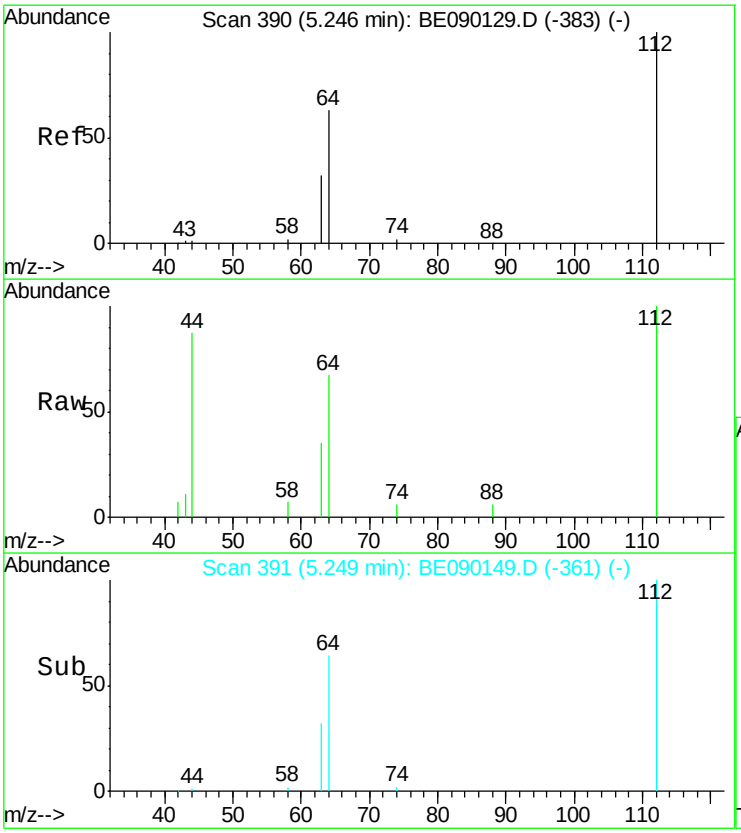
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion: 42 Resp: 661

Ion	Ratio	Lower	Upper
42	100		
74	139.9	91.0	136.6#
44	13.2	9.2	13.8

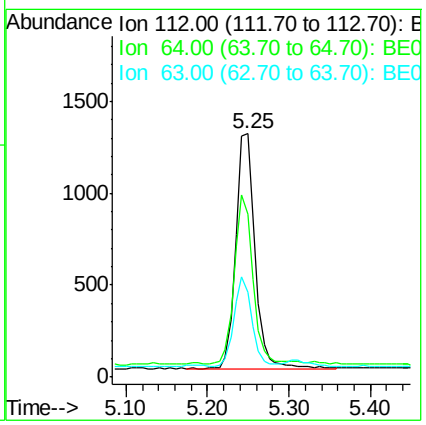


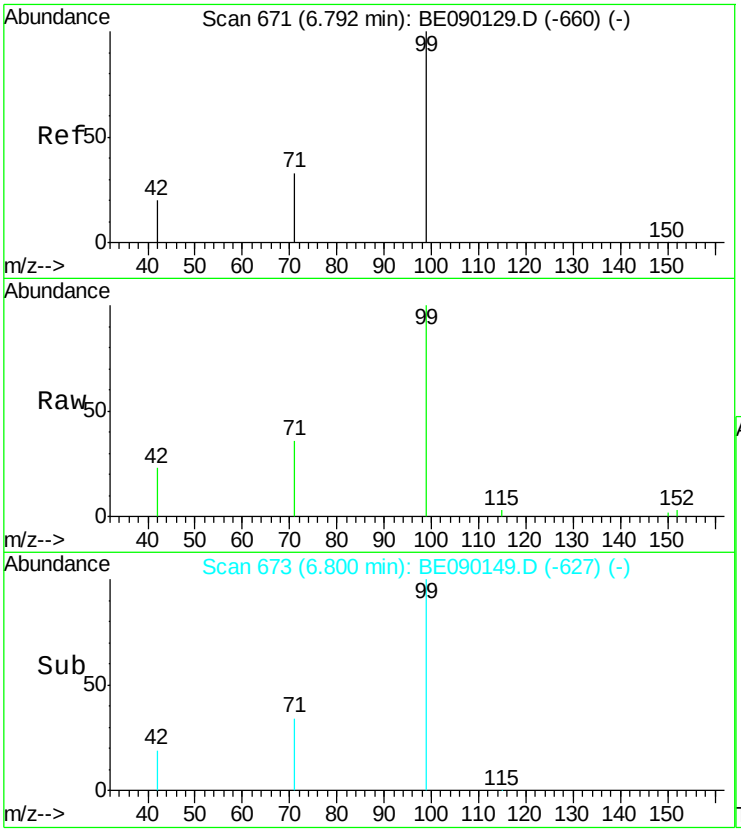


#4
2-Fluorophenol
Concen: 0.86 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:112 Resp: 2101

Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.4	83.2
63	35.1	29.3	43.9



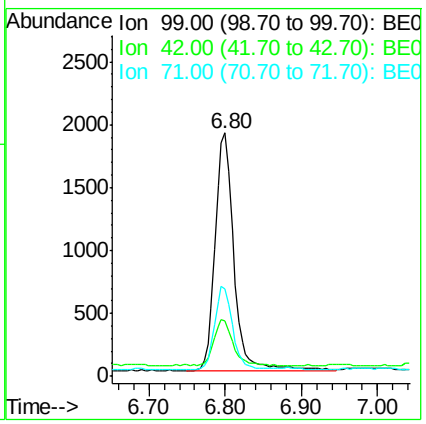


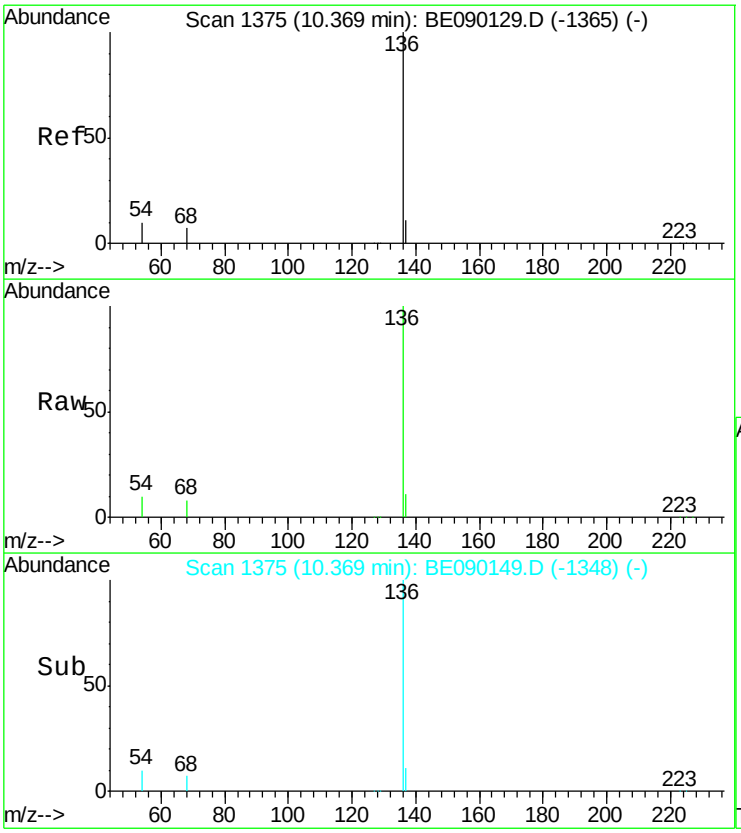
#5
Phenol-d6
Concen: 0.94 ng
RT: 6.80 min Scan# 673
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion: 99 Resp: 3230

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.8	25.2
71	33.4	26.6	39.8

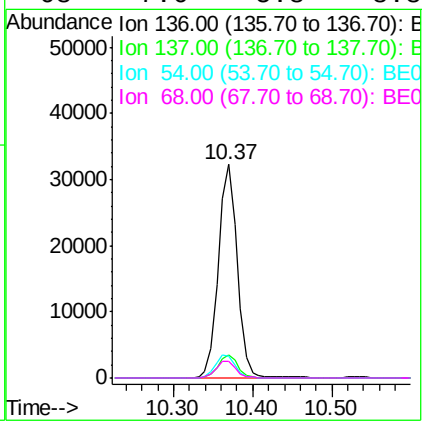


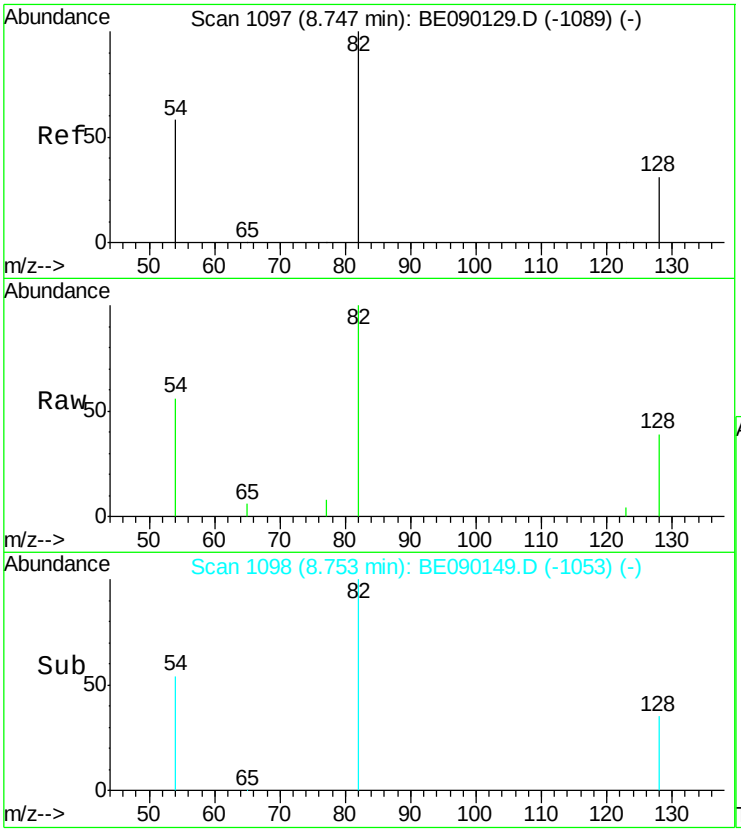


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:136 Resp: 53119

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.0	7.8	11.8
68	7.6	5.8	8.8



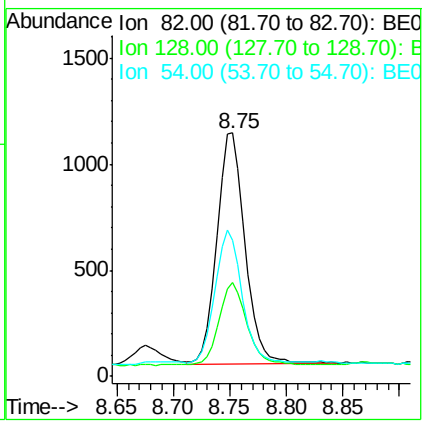


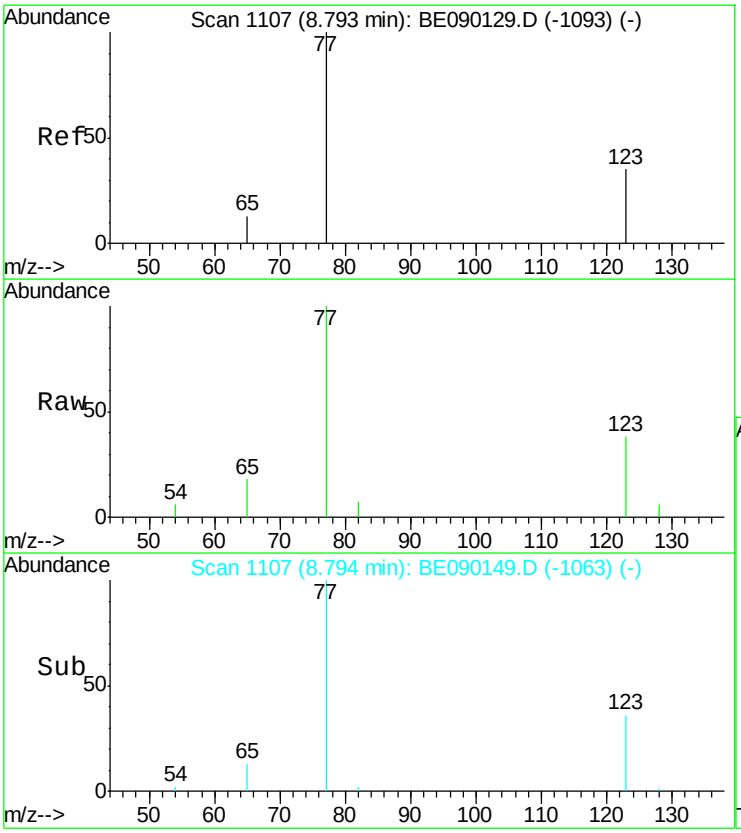
#7
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.75 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion: 82 Resp: 1876

Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.2	39.2
54	55.8	47.1	70.7

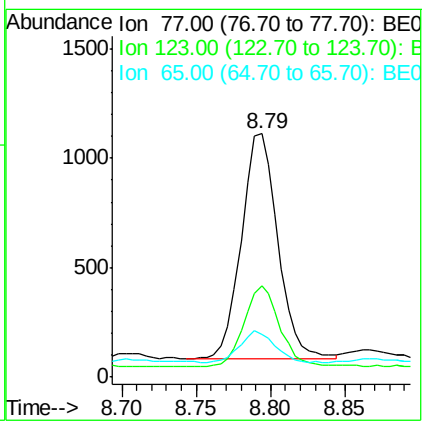


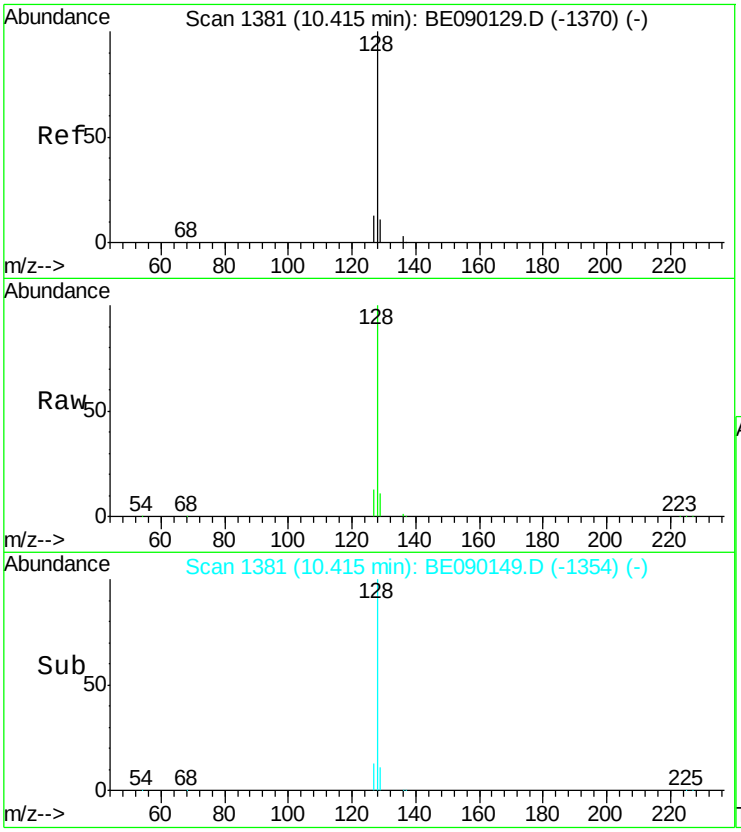


#8
Nitrobenzene
Concen: 0.42 ng
RT: 8.79 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion: 77 Resp: 1747

Ion	Ratio	Lower	Upper
77	100		
123	35.9	28.5	42.7
65	13.3	10.2	15.2



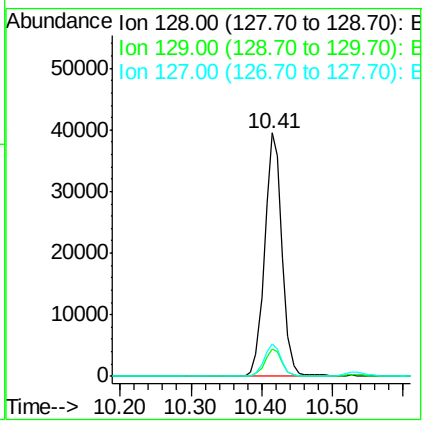


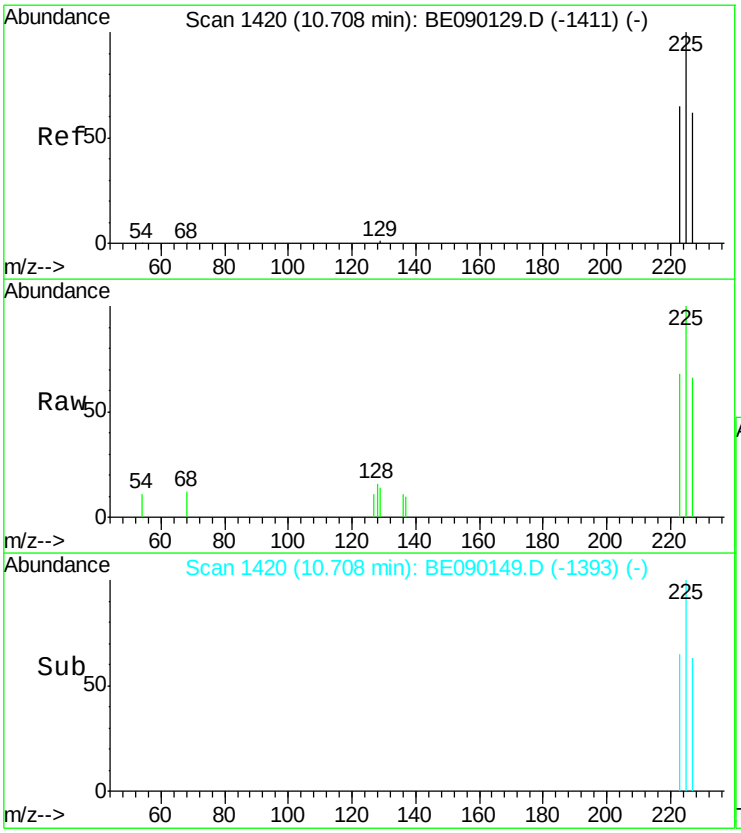
#9
Naphthalene
Concen: 5.59 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:128 Resp: 67251

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.1	10.8	16.2

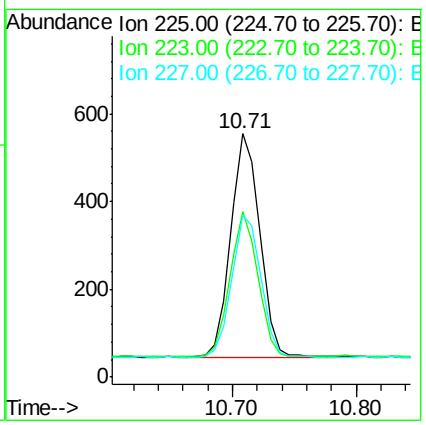


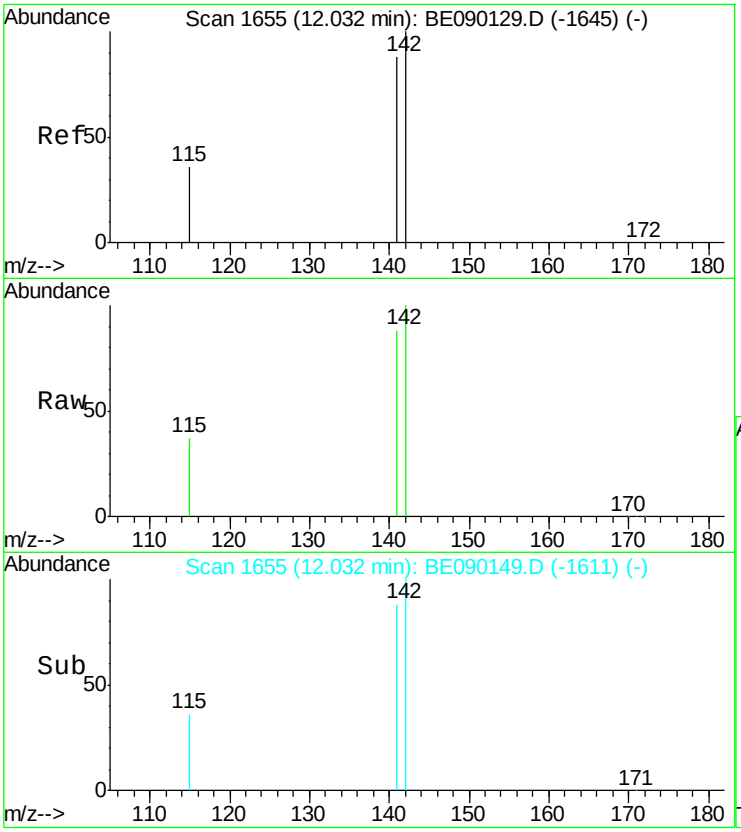


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.71 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:225 Resp: 825

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	63.6	51.3	76.9



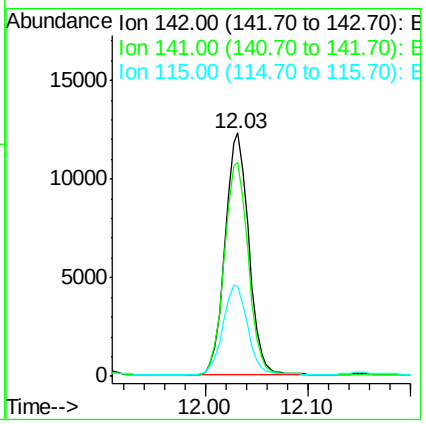


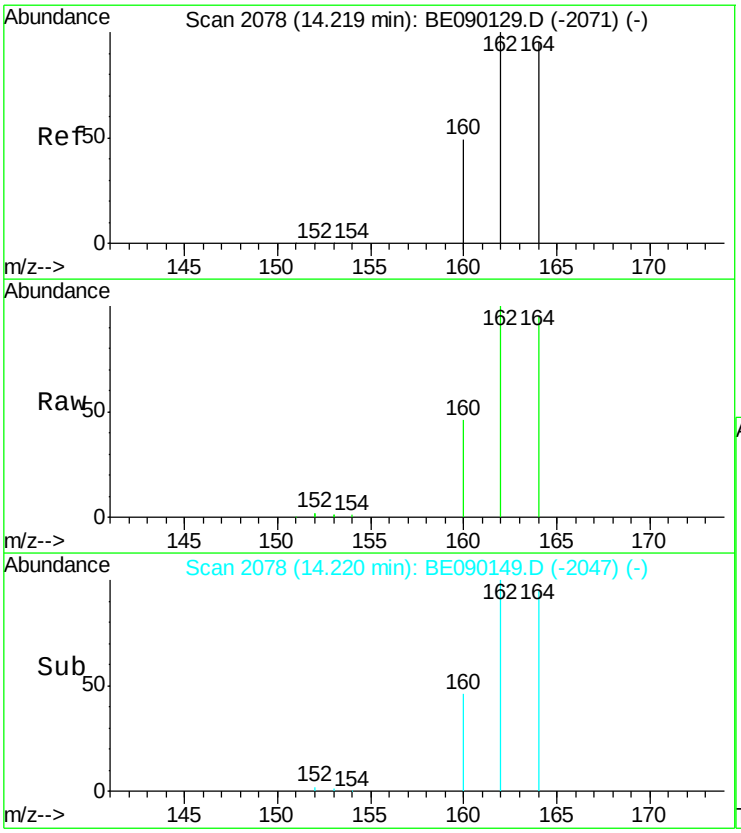
#11
2-Methylnaphthalene
Concen: 2.55 ng
RT: 12.03 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:142 Resp: 19640

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	36.7	29.4	44.0

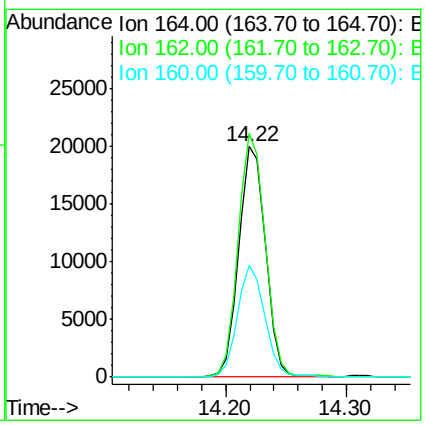


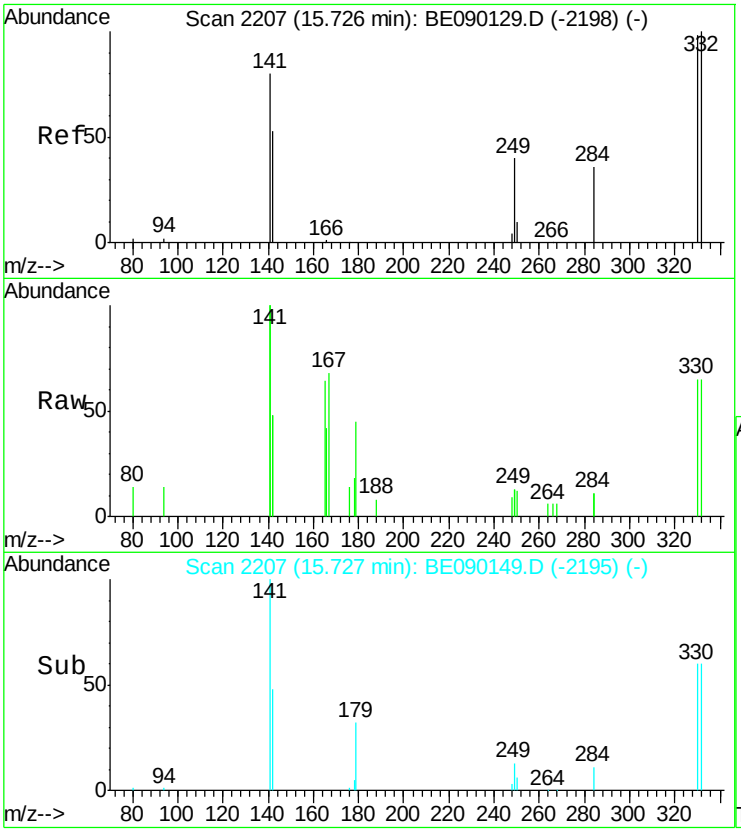


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:164 Resp: 30377

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.0	126.0
160	48.2	41.1	61.7



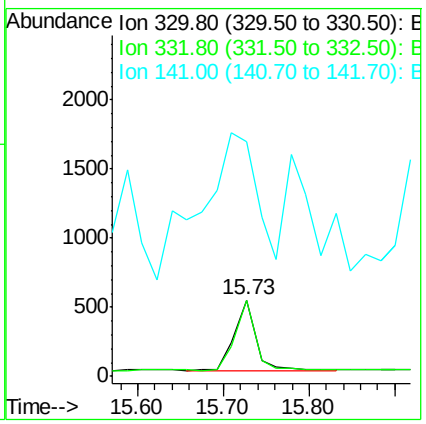


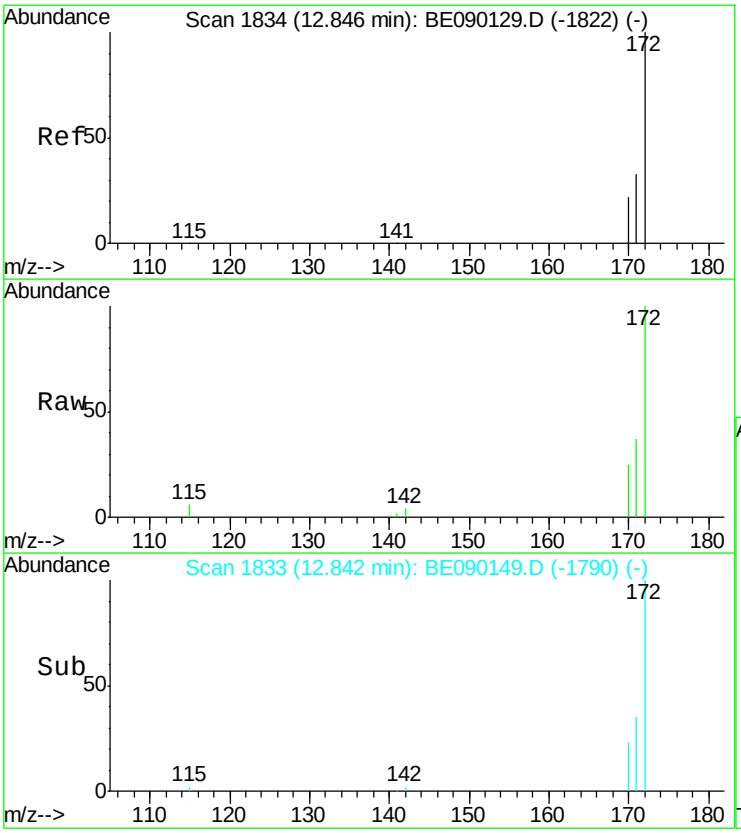
#13
2,4,6-Tribromophenol
Concen: 1.29 ng
RT: 15.73 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:330 Resp: 863

Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.4	119.0
141	575.0	160.2	240.2#

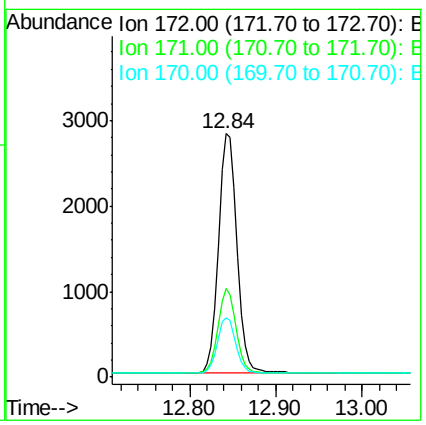


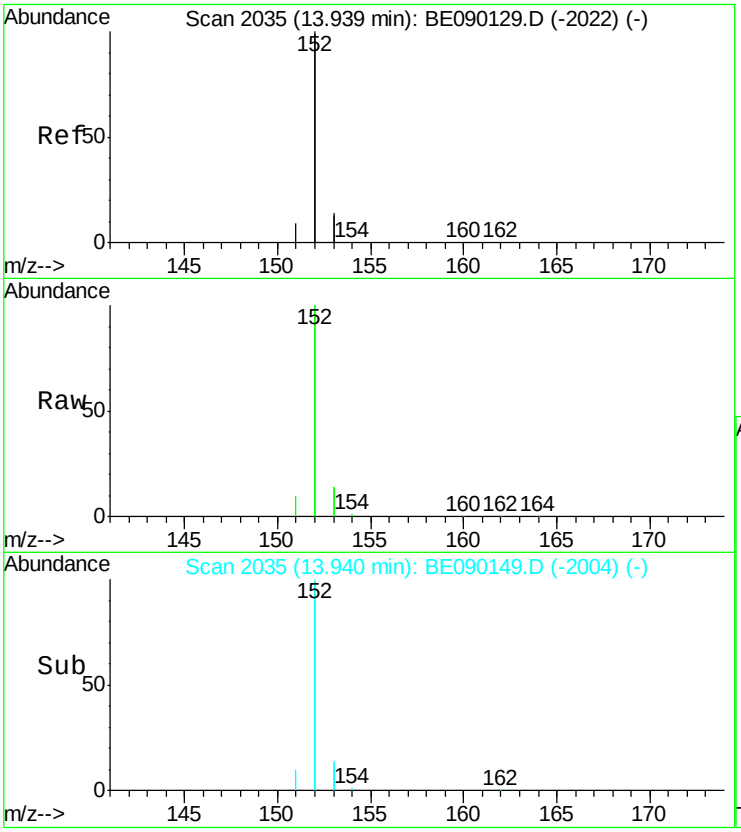


#14
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:172 Resp: 4266

Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.1	40.7
170	24.6	17.9	26.9



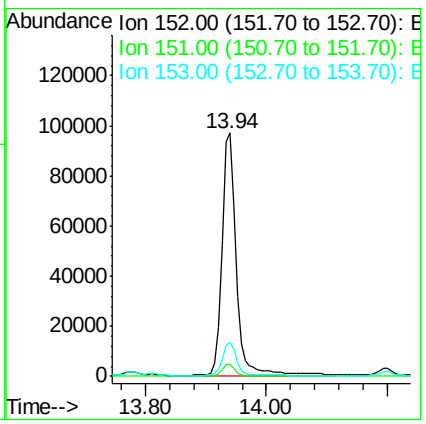


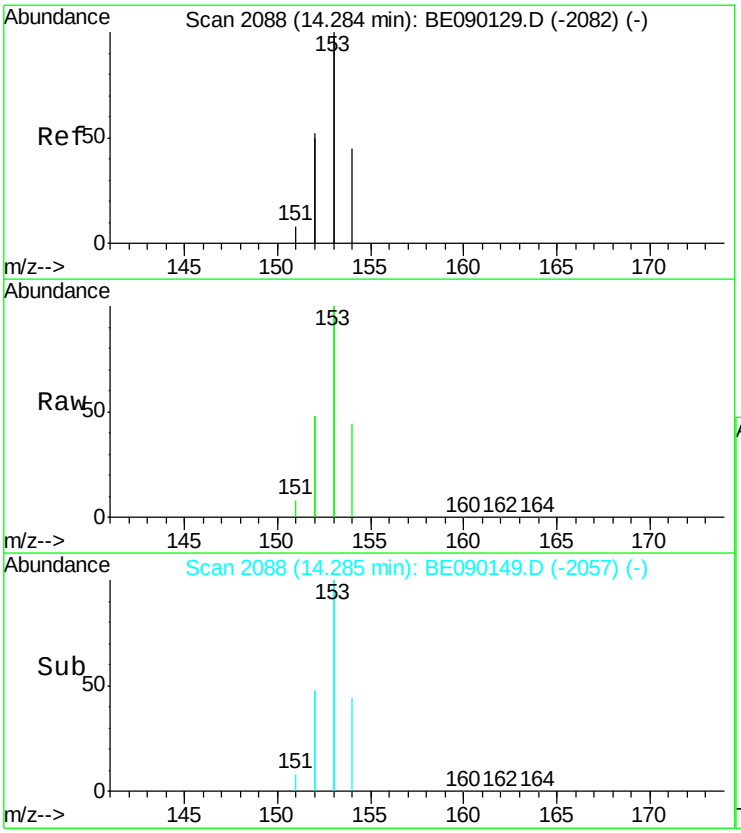
#15
Acenaphthylene
Concen: 2.99 ng
RT: 13.94 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:152 Resp: 161654

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.8	10.4	15.6

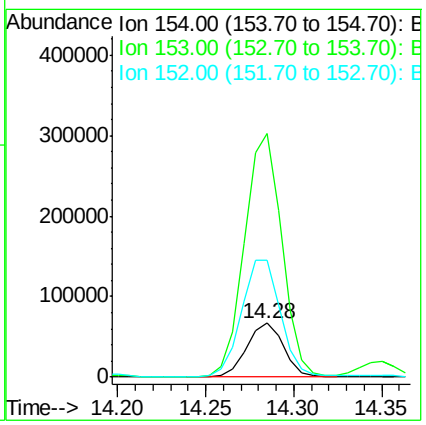


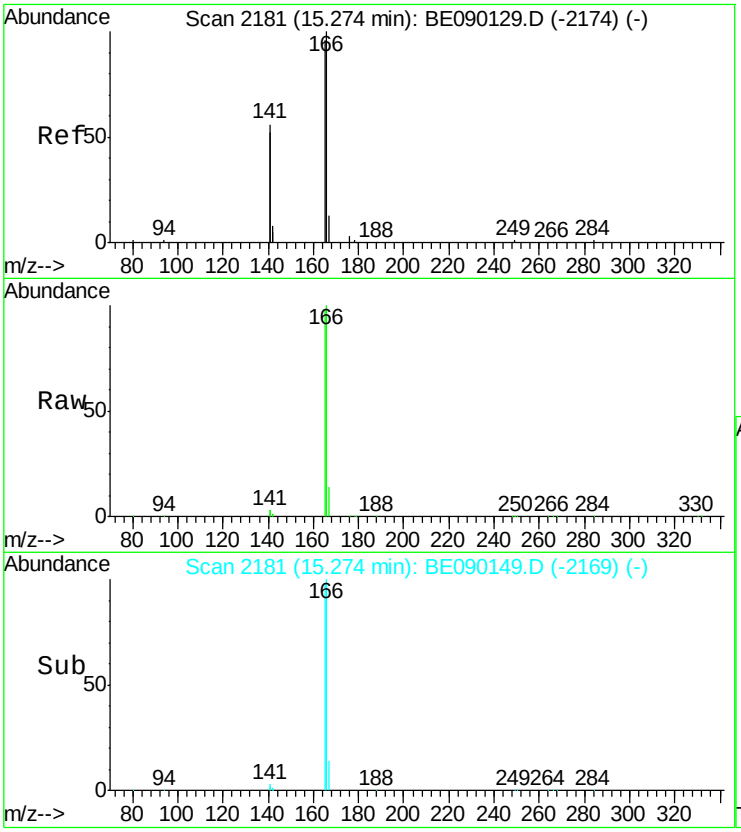


#16
Acenaphthene
Concen: 12.41 ng
RT: 14.28 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:154 Resp: 96953

Ion	Ratio	Lower	Upper
154	100		
153	458.3	369.5	554.3
152	227.7	202.2	303.4



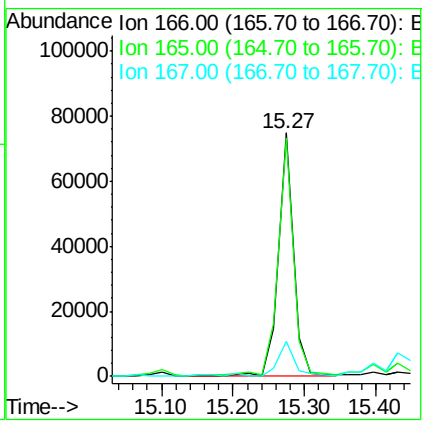


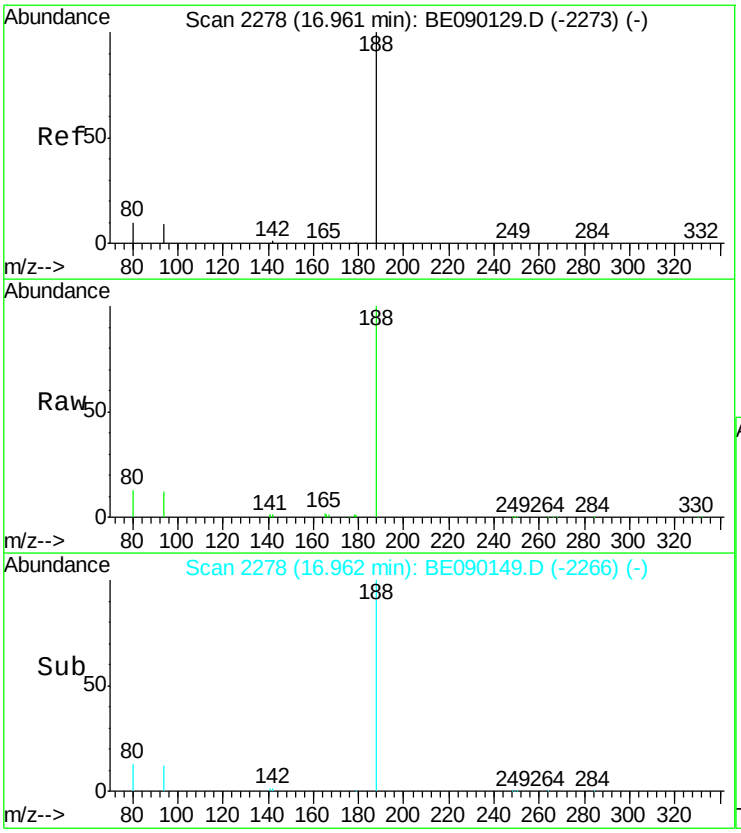
#17
Fluorene
Concen: 10.68 ng
RT: 15.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:166 Resp: 108994

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.7	118.1
167	14.4	11.1	16.7

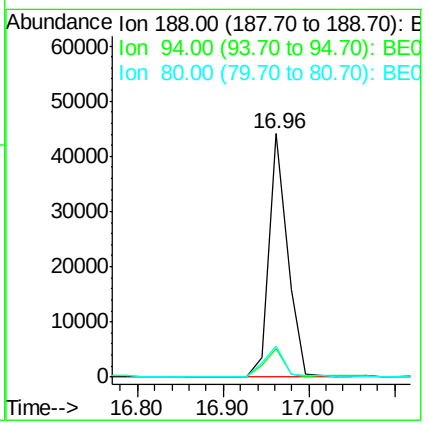


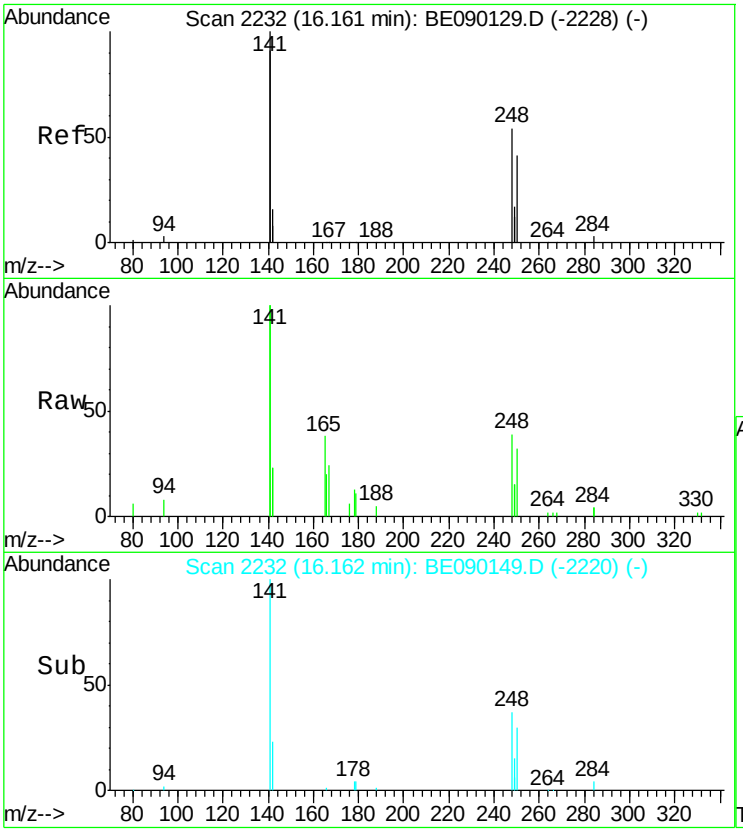


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:188 Resp: 66942

Ion	Ratio	Lower	Upper
188	100		
94	11.9	7.3	10.9#
80	13.0	8.0	12.0#



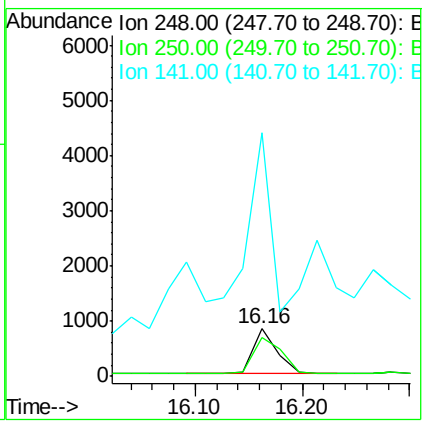


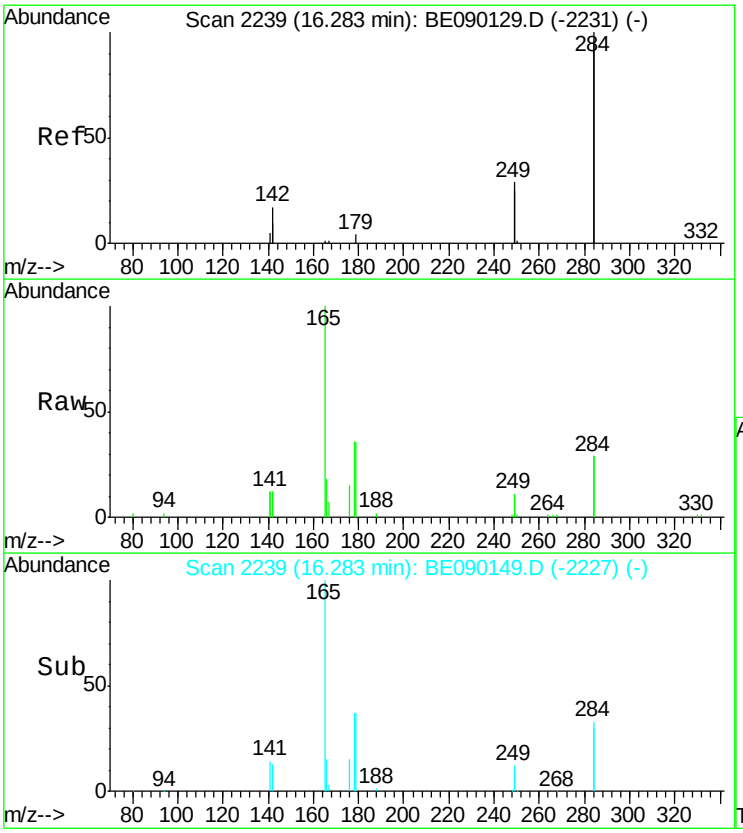
#19
4-Bromophenyl-phenylether
Concen: 0.43 ng
RT: 16.16 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:248 Resp: 1233

Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.2	114.4
141	402.4	246.0	369.0#

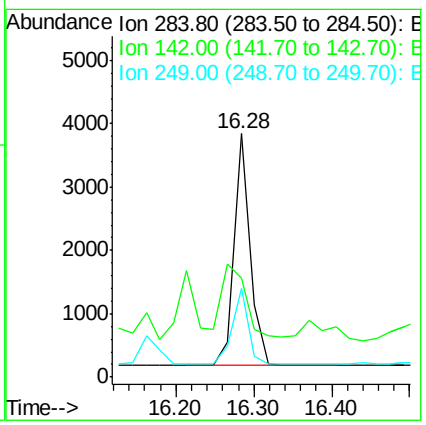


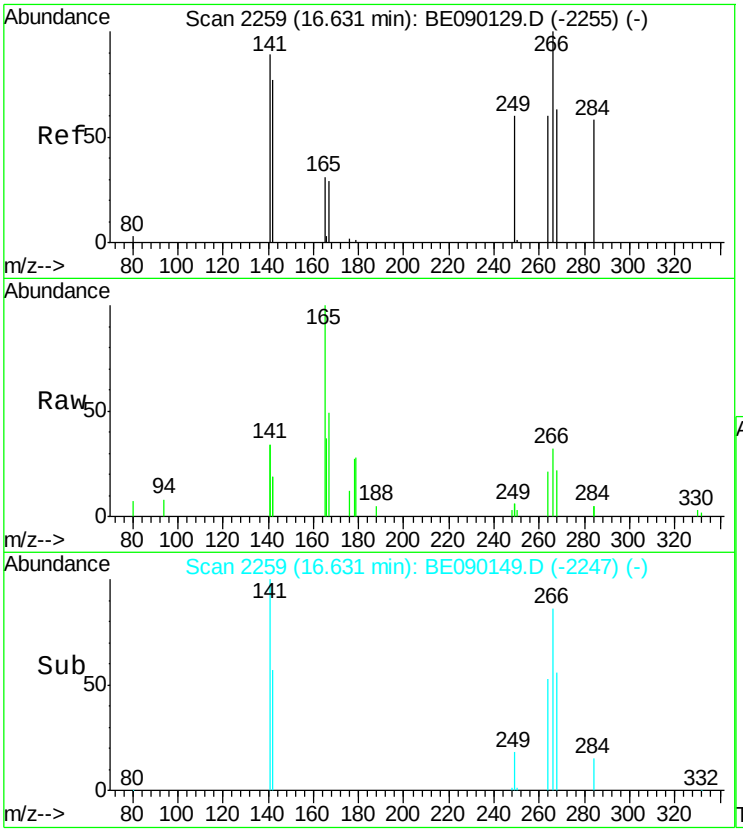


#20
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.28 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:284 Resp: 5237

Ion	Ratio	Lower	Upper
284	100		
142	43.5	30.2	45.4
249	32.3	25.5	38.3



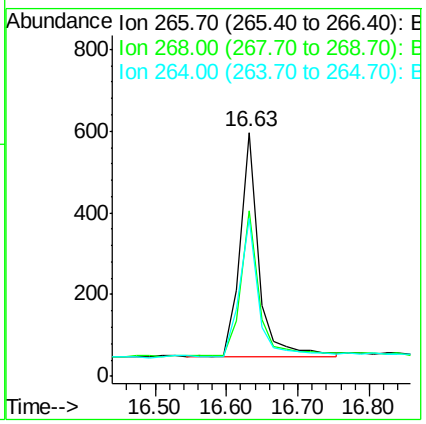


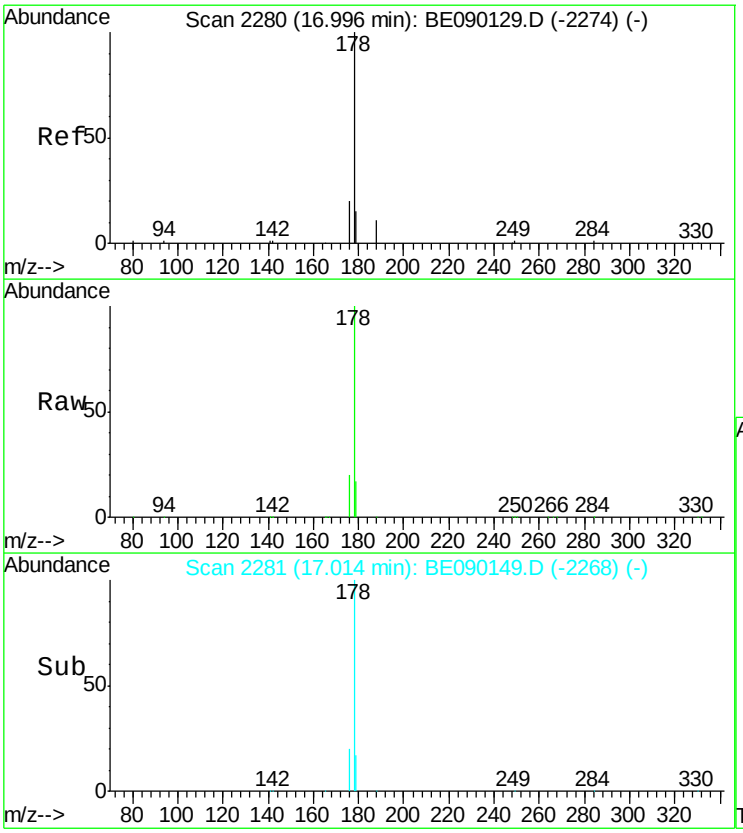
#21
Pentachlorophenol
Concen: 1.61 ng
RT: 16.63 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:266 Resp: 986

Ion	Ratio	Lower	Upper
266	100		
268	67.8	58.2	87.2
264	64.6	55.8	83.6

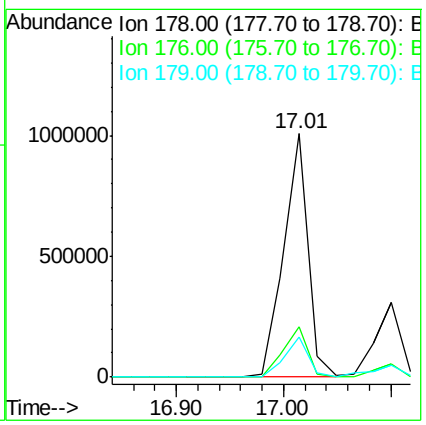


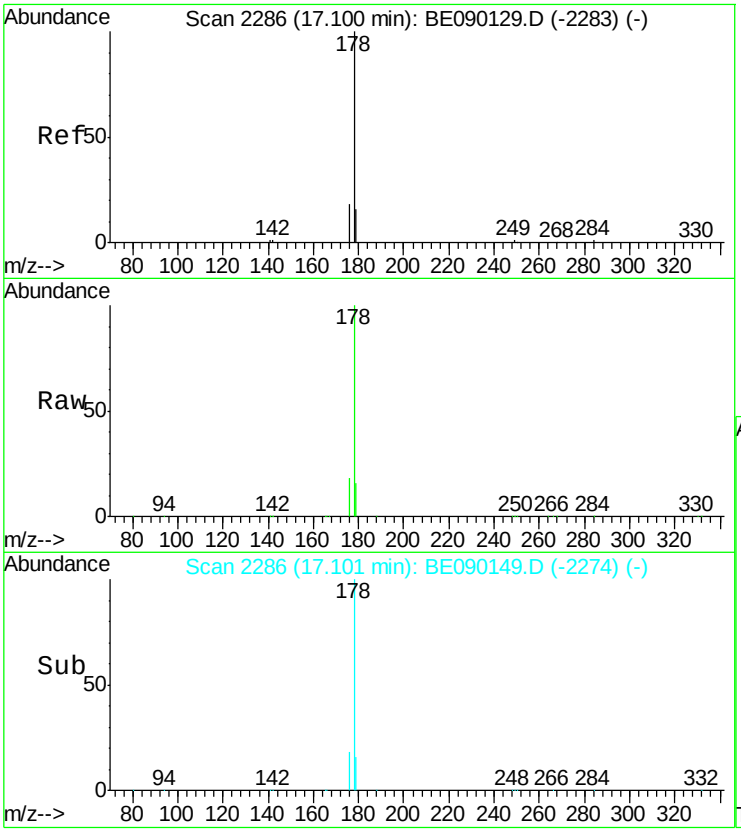


#22
Phenanthrene
Concen: 94.22 ng
RT: 17.01 min Scan# 2281
Delta R.T. 0.02 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:178 Resp: 1587758

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.1	22.7
179	16.3	12.2	18.4



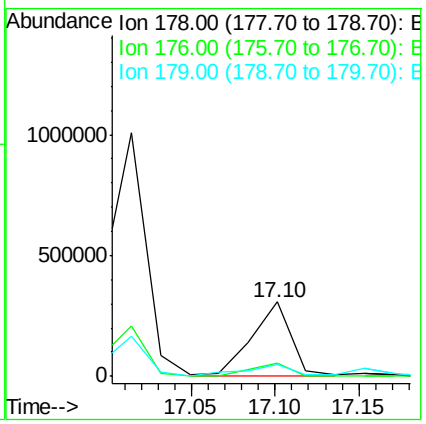


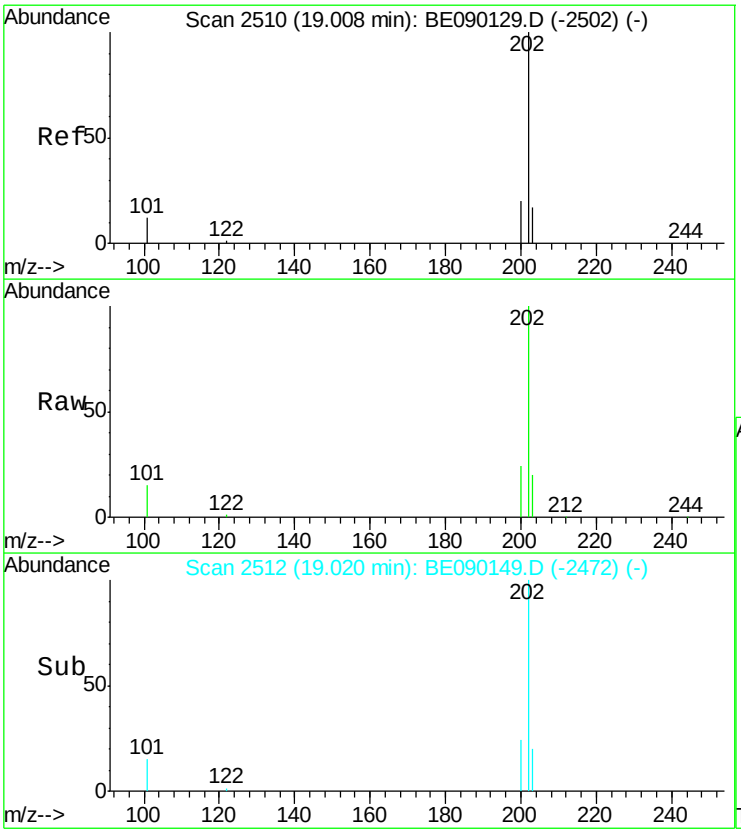
#23
Anthracene
Concen: 33.87 ng m
RT: 17.10 min Scan# 2286
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:178 Resp: 505835

Ion	Ratio	Lower	Upper
178	100		
176	64.7	14.7	22.1#
179	51.1	12.2	18.4#

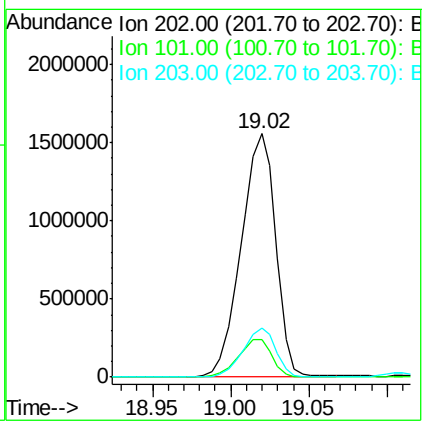


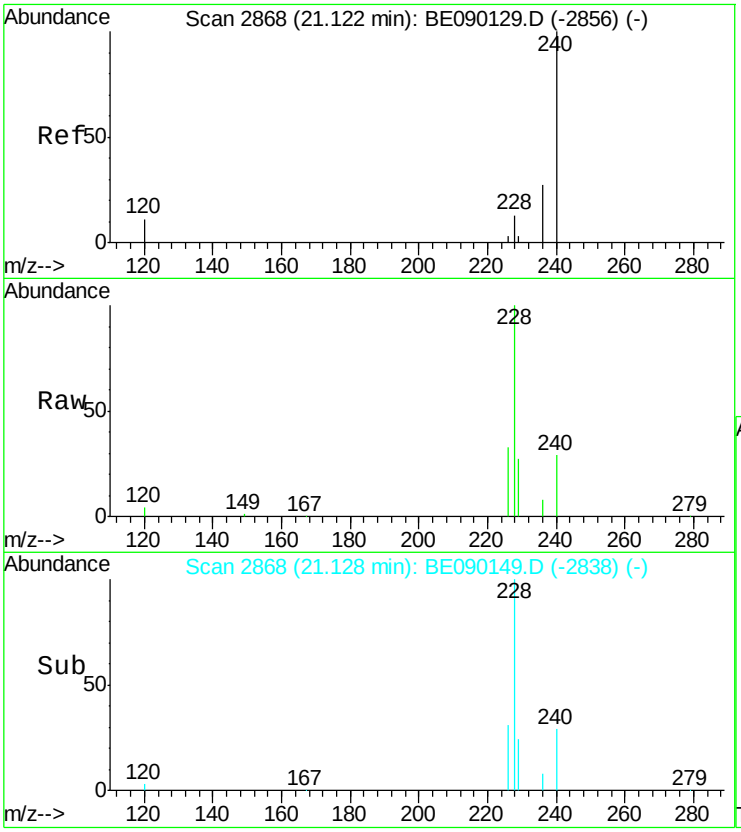


#24
Fluoranthene
Concen: 144.74 ng
RT: 19.02 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:202 Resp: 2410051

Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.1	15.1
203	19.0	13.8	20.8



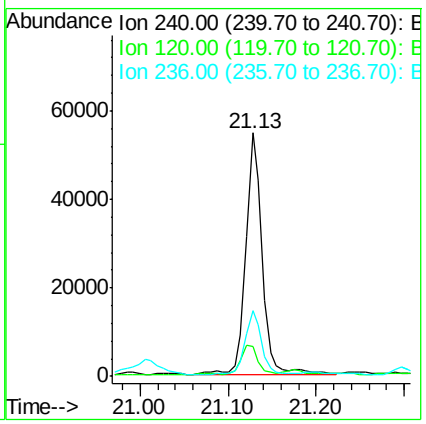


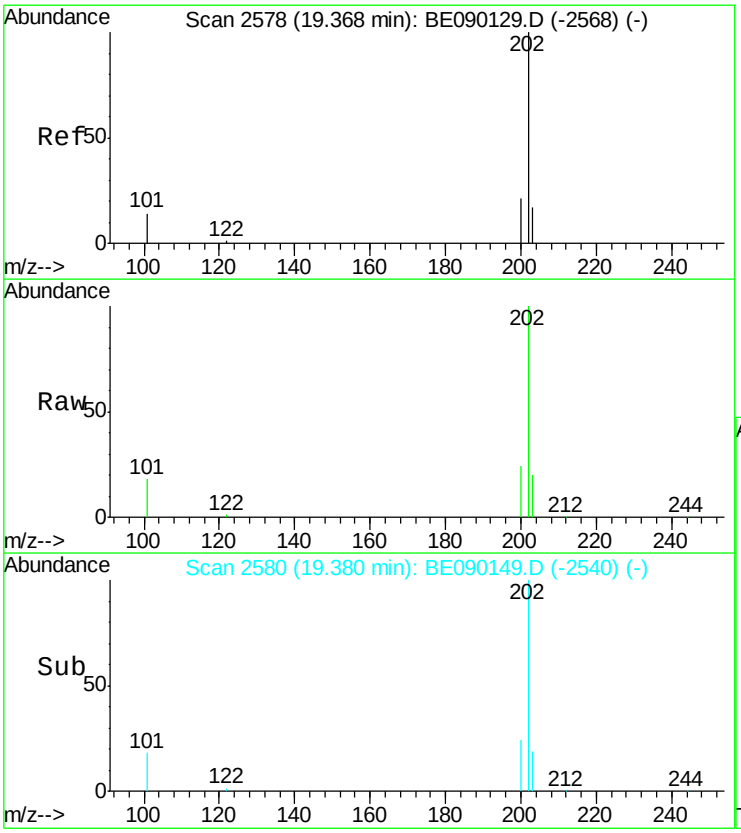
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:240 Resp: 70072

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.8	13.2
236	27.2	21.4	32.0

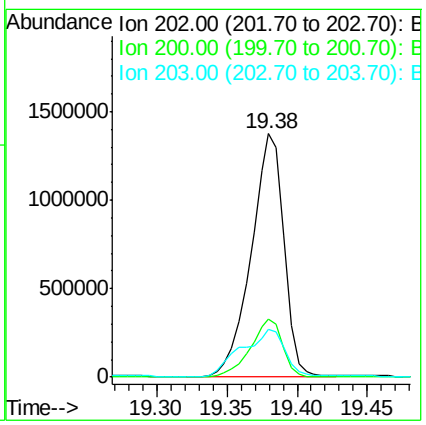


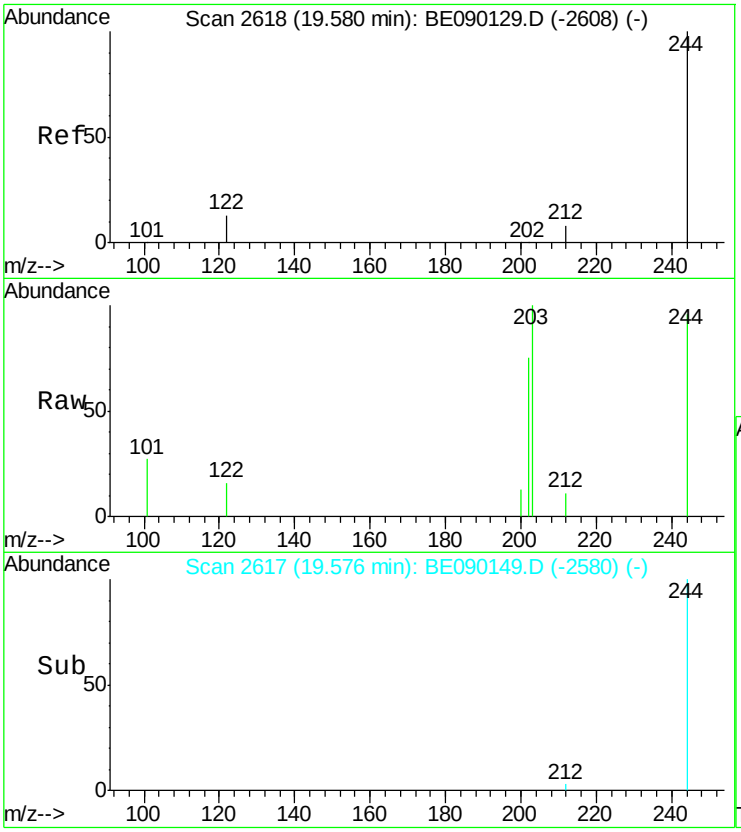


#26
Pyrene
Concen: 117.60 ng
RT: 19.38 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:202 Resp: 2228298

Ion	Ratio	Lower	Upper
202	100		
200	23.2	16.6	24.8
203	25.9	13.9	20.9#



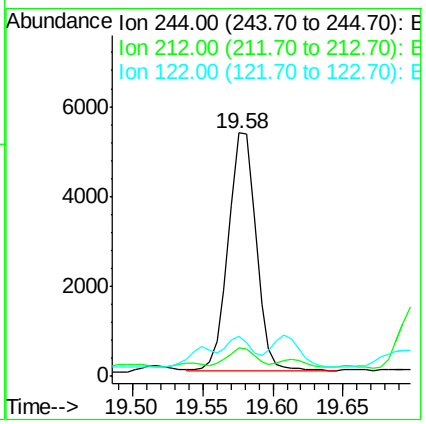


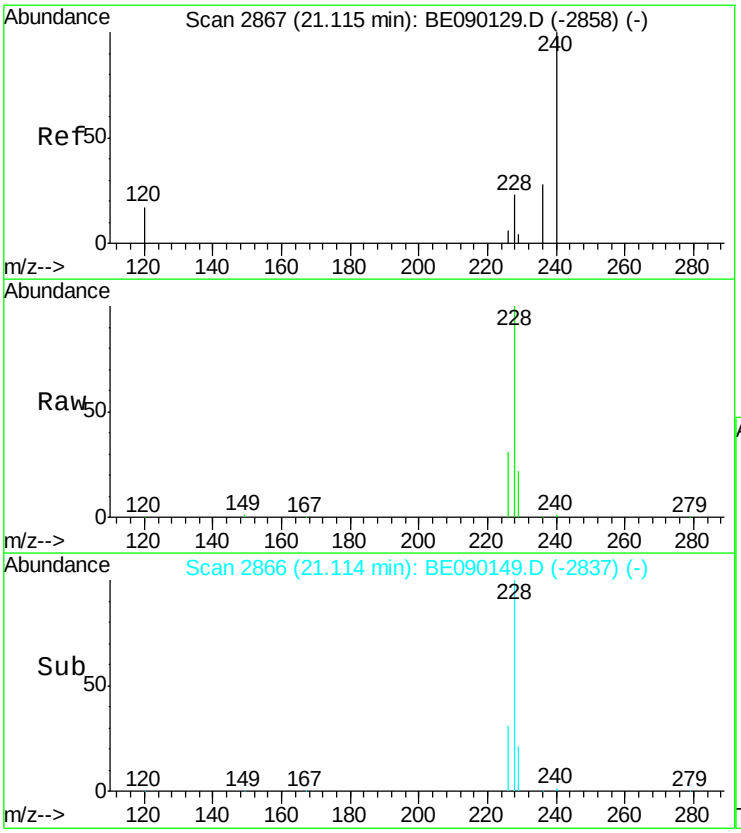
#27
Terphenyl-d14
Concen: 0.62 ng
RT: 19.58 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:244 Resp: 7273

Ion	Ratio	Lower	Upper
244	100		
212	11.5	6.7	10.1#
122	16.6	10.7	16.1#

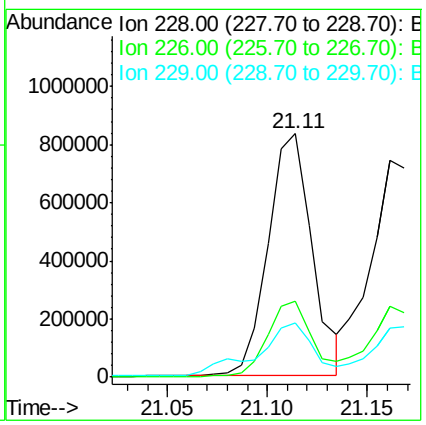


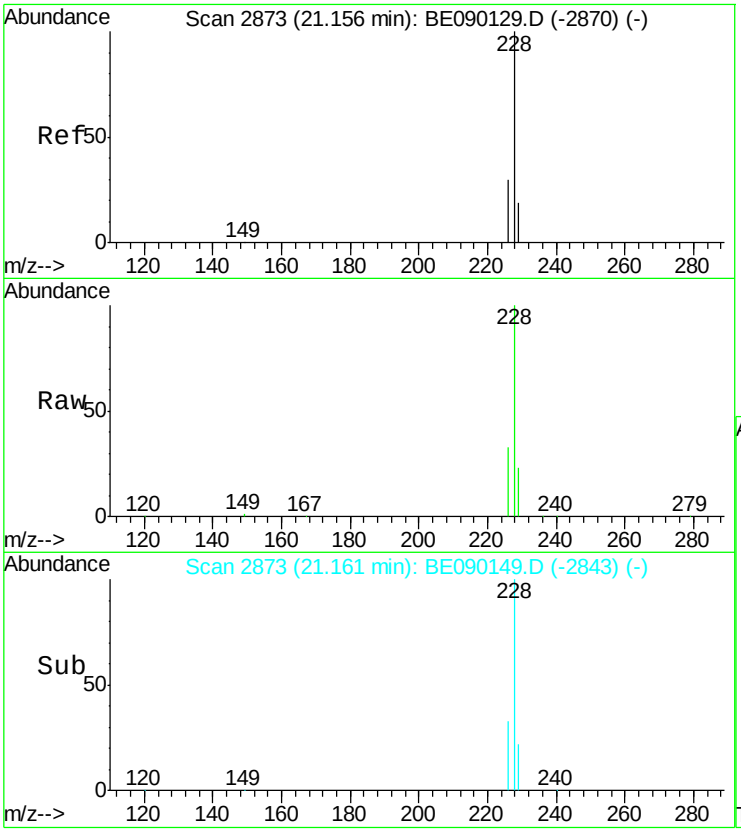


#28
Benzo(a)anthracene
Concen: 107.40 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:228 Resp: 1275713

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.3	31.9
229	22.1	16.1	24.1



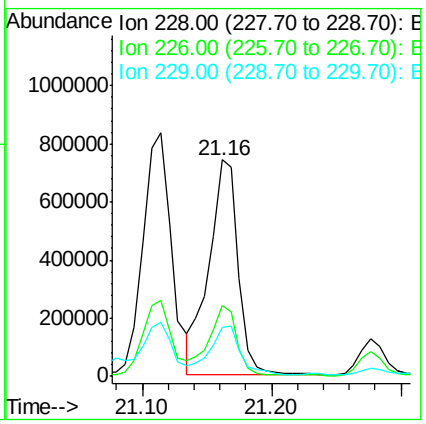


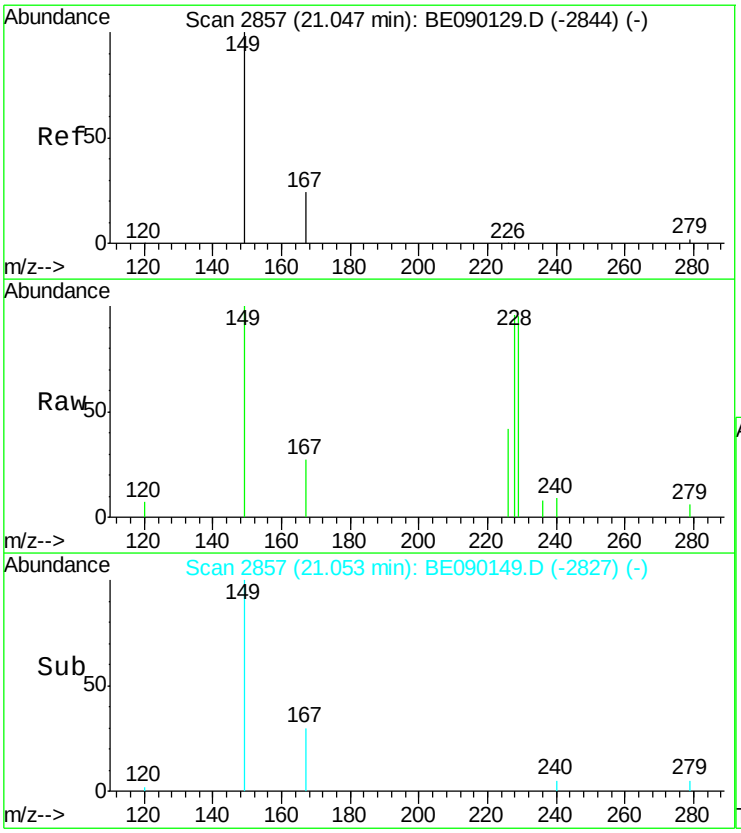
#29
Chrysene
Concen: 67.32 ng
RT: 21.16 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:228 Resp: 1179117

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.5	35.3
229	22.9	16.0	24.0

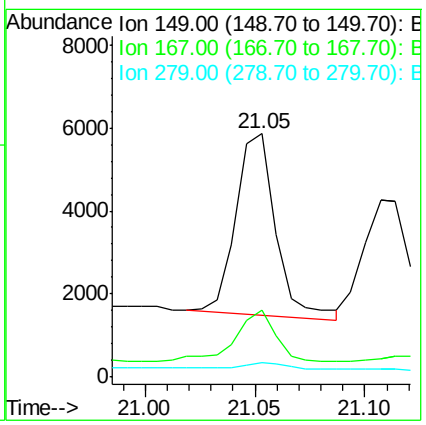


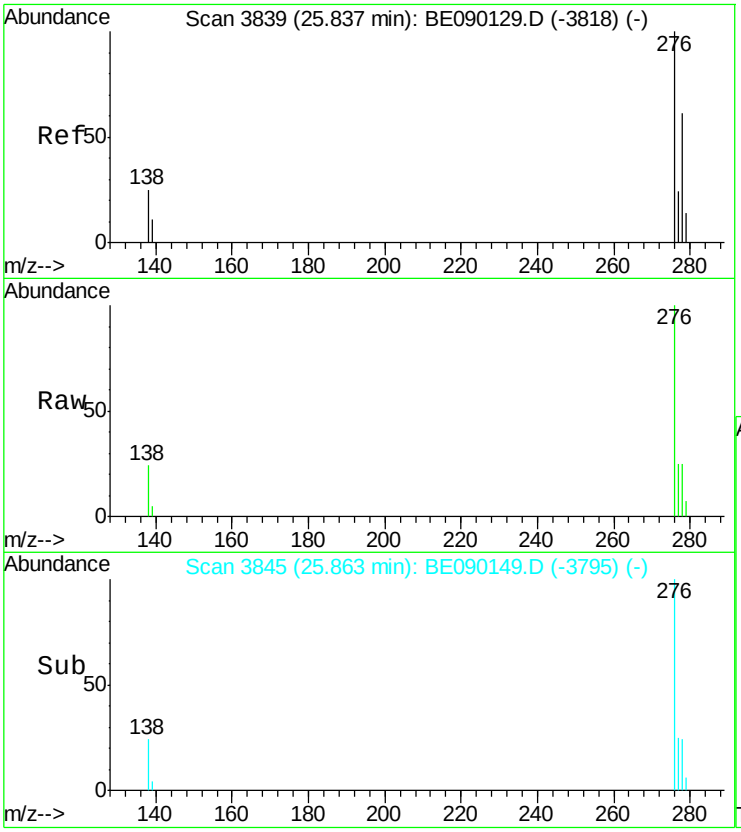


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.21 ng
RT: 21.05 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:149 Resp: 5527

Ion	Ratio	Lower	Upper
149	100		
167	29.3	18.6	27.8#
279	5.2	2.2	3.4#



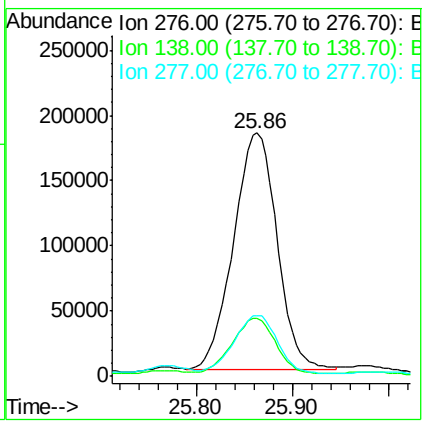


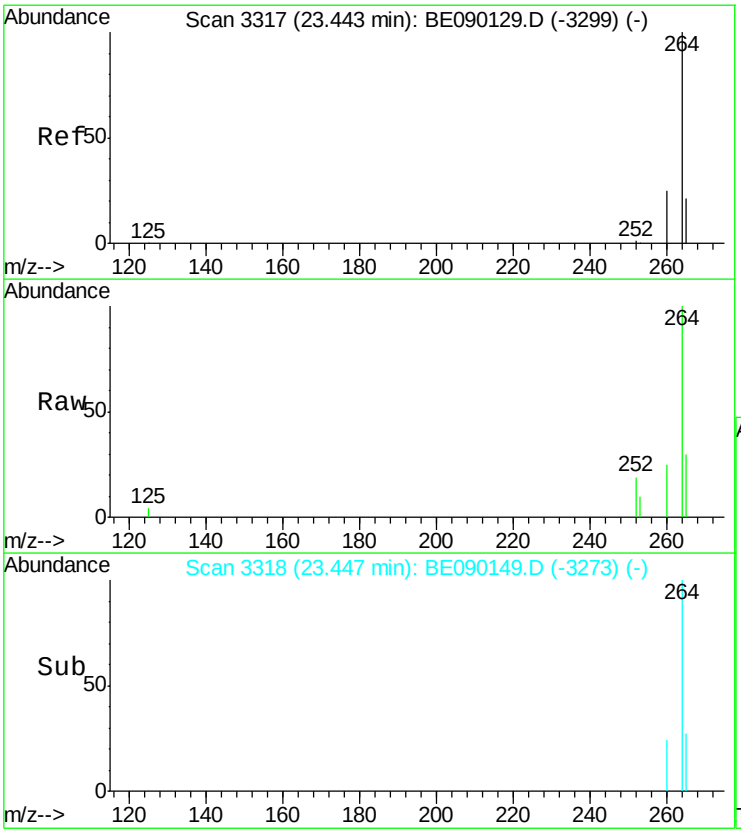
#31
Indeno(1,2,3-cd)pyrene
Concen: 122.07 ng
RT: 25.86 min Scan# 3845
Delta R.T. 0.03 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:276 Resp: 570103

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.3	25.9
277	24.3	17.3	25.9

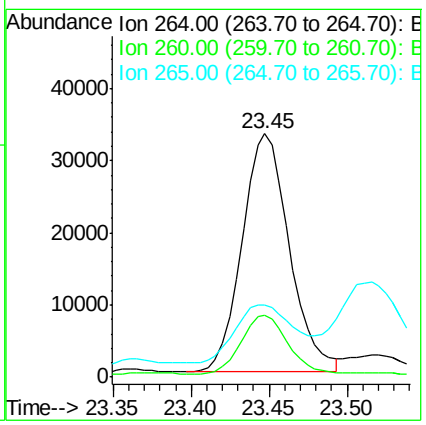


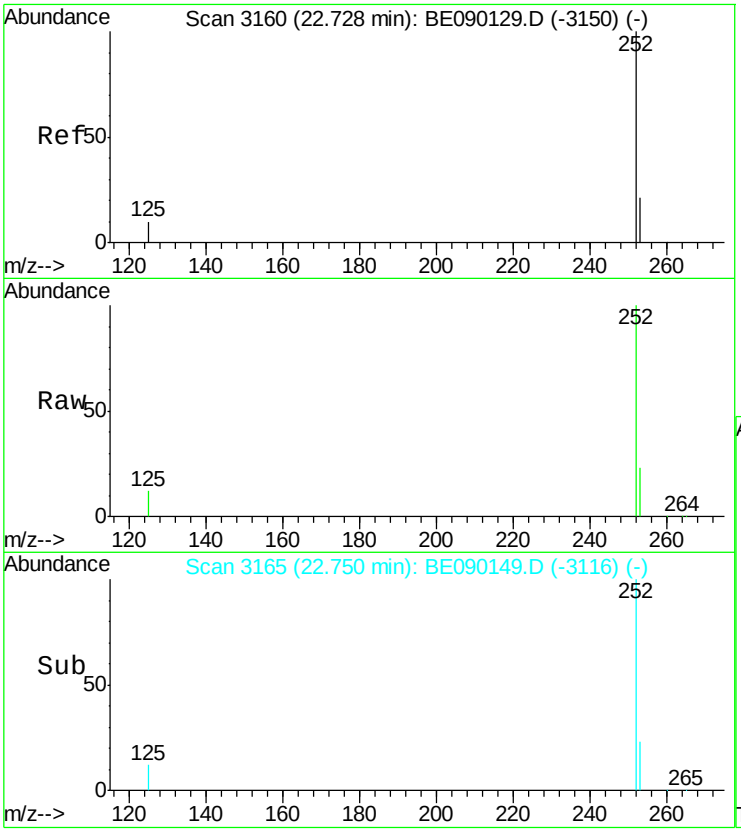


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 3318
Delta R.T. 0.00 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:264 Resp: 69858

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.9	29.9
265	29.6	17.8	26.8#



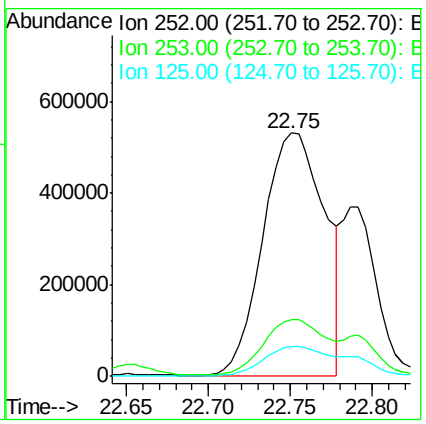


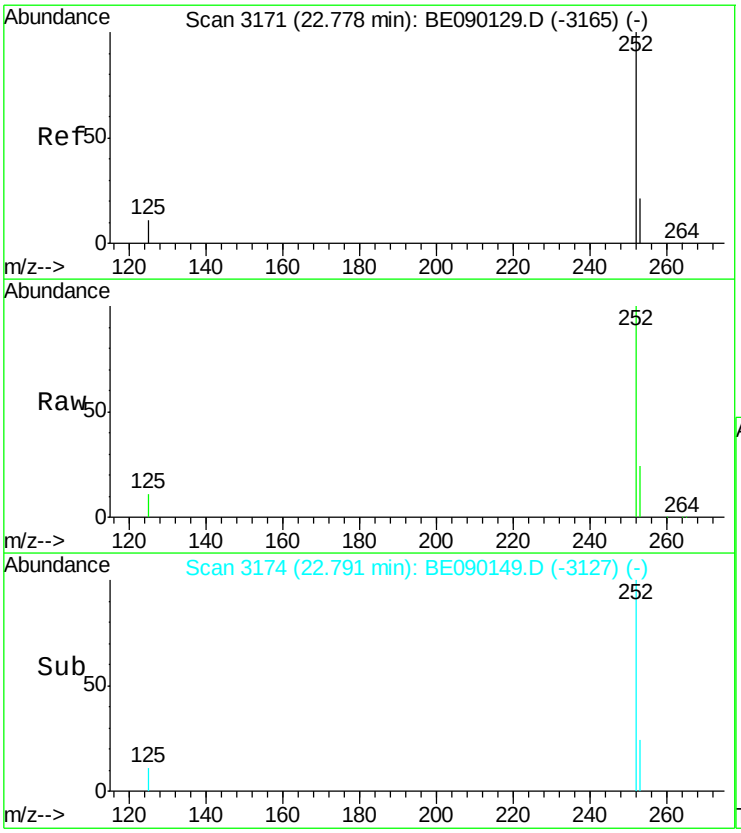
#33
Benzo(b)fluoranthene
Concen: 273.47 ng
RT: 22.75 min Scan# 3165
Delta R.T. 0.02 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:252 Resp: 1388850

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	12.3	10.7	16.1

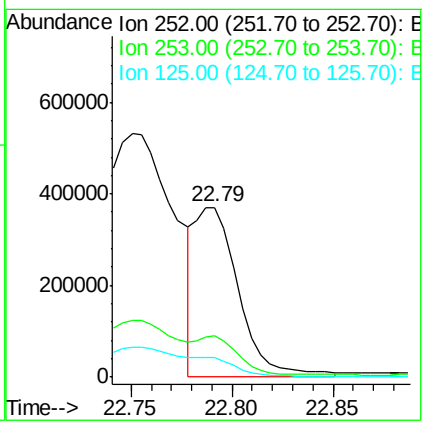


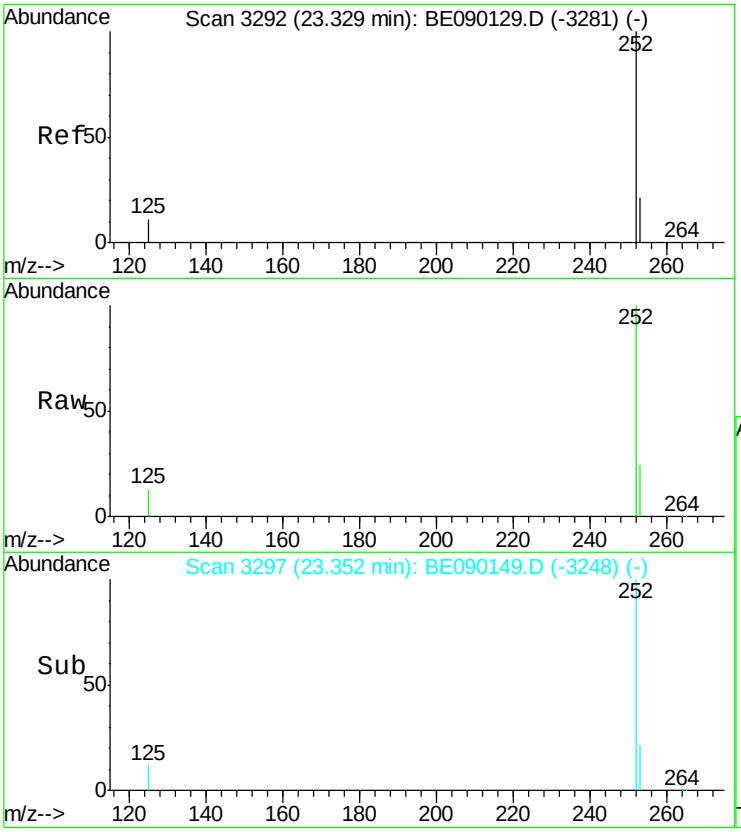


#34
Benzo(k)fluoranthene
Concen: 25.86 ng m
RT: 22.79 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:252 Resp: 560797

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	11.4	10.5	15.7



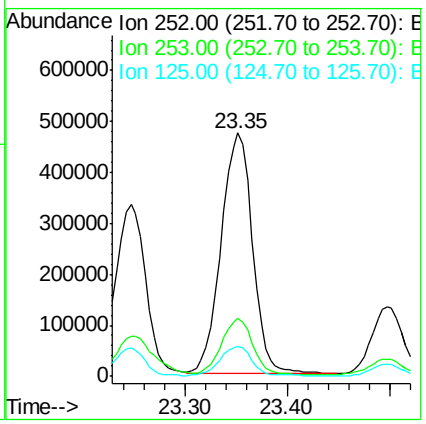


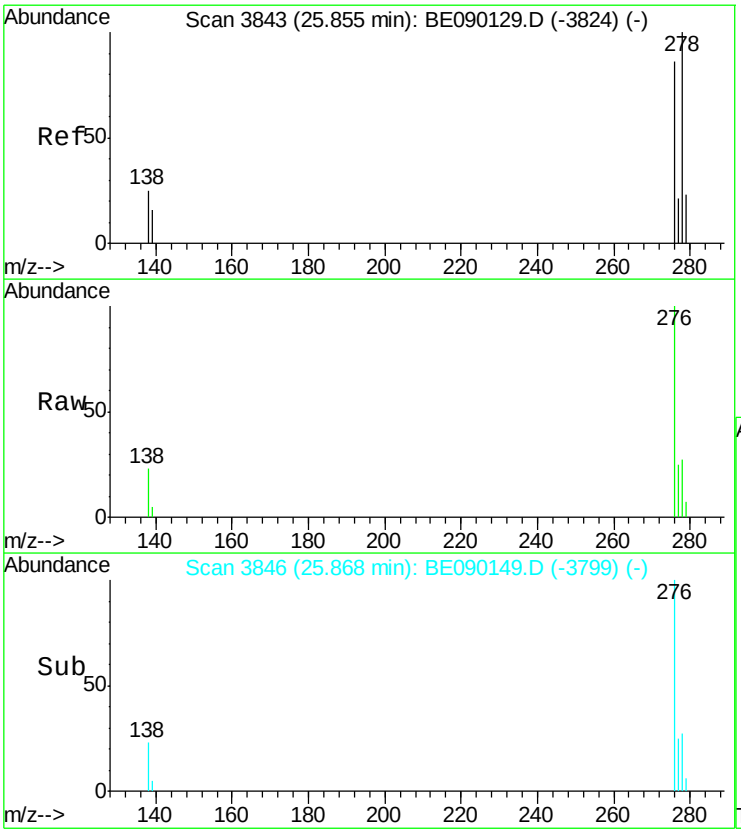
#35
Benzo(a)pyrene
Concen: 67.36 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.02 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:252 Resp: 1001349

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	12.5	11.9	17.9

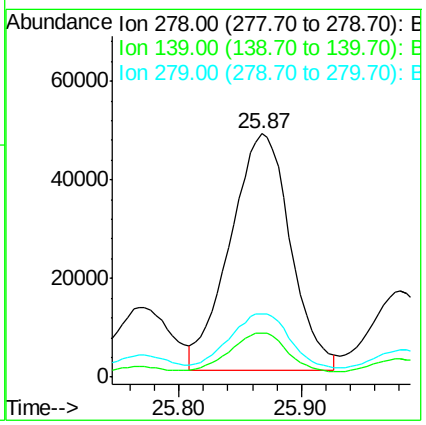


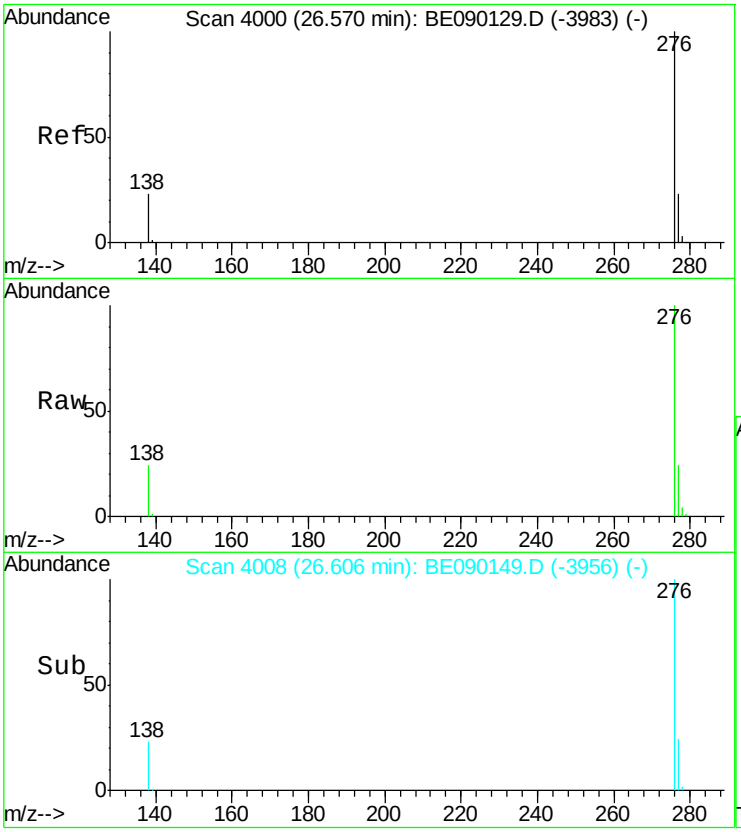


#36
Dibenzo(a,h)anthracene
Concen: 11.34 ng m
RT: 25.87 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

Tgt Ion:278 Resp: 164136

Ion	Ratio	Lower	Upper
278	100		
139	18.3	18.3	27.5#
279	26.1	23.3	34.9





#37
Benzo(g,h,i)perylene
Concen: 38.94 ng
RT: 26.61 min Scan# 4008
Delta R.T. 0.04 min
Lab File: BE090149.D
Acq: 17 Jul 2015 10:30

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

Tgt Ion:276 Resp: 584642

Ion	Ratio	Lower	Upper
276	100		
277	24.4	22.0	33.0
138	23.9	22.0	33.0