Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090396.D
Acq On : 7 Aug 2015 14:14
Operator : TP/UM
Sample : PB84854BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84854BS

Quant Time: Aug 07 23:03:55 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	18223	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	81097	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	45494	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	104732	5.00	ng	0.00
25) Chrysene-d12	21.09	240	135680	5.00	ng	0.00
32) Perylene-d12	23.40	264	109431	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	25675	9.39	ng	0.00
5) Phenol-d6	6.76	99	45162	7.63	ng	-0.01
7) Nitrobenzene-d5	8.72	82	31382	4.76	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	9689	7.28	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	72850	5.82	ng	0.00
27) Terphenyl-d14	19.56	244	119674	5.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	11234	5.24	ng	99
3) n-Nitrosodimethylamine	3.49	42	14501	5.14	ng	99
8) Nitrobenzene	8.76	77	33409	4.74	ng	98
9) Naphthalene	10.38	128	89972	5.02	ng	98
10) Hexachlorobutadiene	10.68	225	15341	5.68	ng	100
11) 2-Methylnaphthalene	12.00	142	58014	5.59	ng	98
15) Acenaphthylene	13.91	152	414691	5.63	ng	100
16) Acenaphthene	14.26	154	62101	5.42	ng	93
17) Fluorene	15.26	166	85040	5.72	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	22605	5.55	ng	91
20) Hexachlorobenzene	16.27	284	108532	5.16	ng	99
21) Pentachlorophenol	16.60	266	14673	8.46	ng	90
22) Phenanthrene	16.98	178	147645	5.63	ng	100
23) Anthracene	17.07	178	139017	6.46	ng	100
24) Fluoranthene	18.98	202	162117	6.29	ng	100
26) Pyrene	19.34	202	180920	6.15	ng	99
28) Benzo(a)anthracene	21.08	228	174316	5.80	ng	100
29) Chrysene	21.14	228	191134	5.26	ng	100
30) Bis(2-ethylhexyl)phthalate	21.03	149	45072	4.37	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	144099	4.42	ng	95
33) Benzo(b)fluoranthene	22.70	252	146142	5.87	ng	98
34) Benzo(k)fluoranthene	22.75	252	168054	5.51	ng	99
35) Benzo(a)pyrene	23.30	252	129503	5.51	ng	100
36) Dibenzo(a,h)anthracene	25.80	278	115675	5.04	ng	97
37) Benzo(g,h,i)perylene	26.52	276	127704	6.32	ng	98

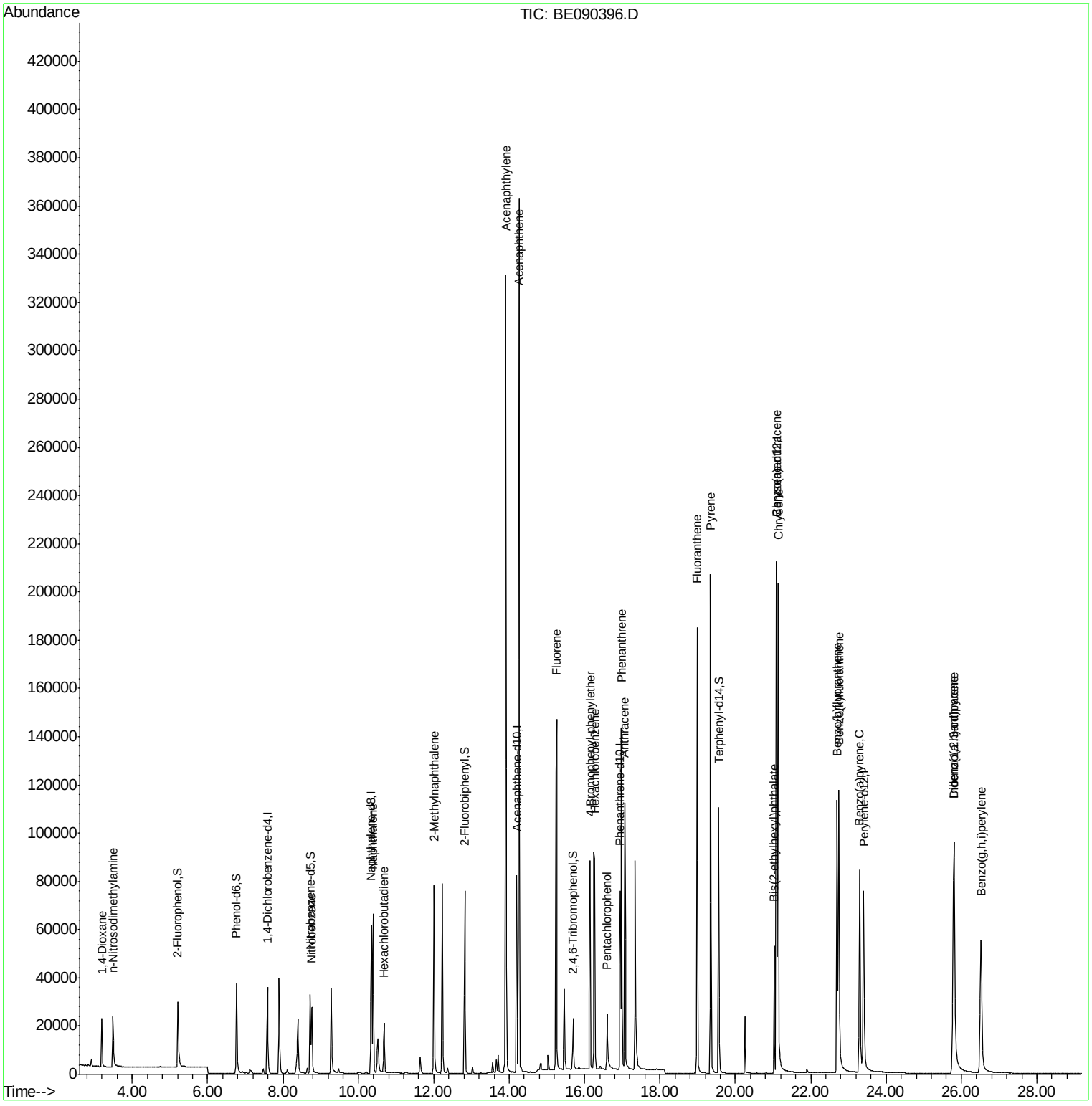
(#) = qualifier out of range (m) = manual integration (+) = signals summed

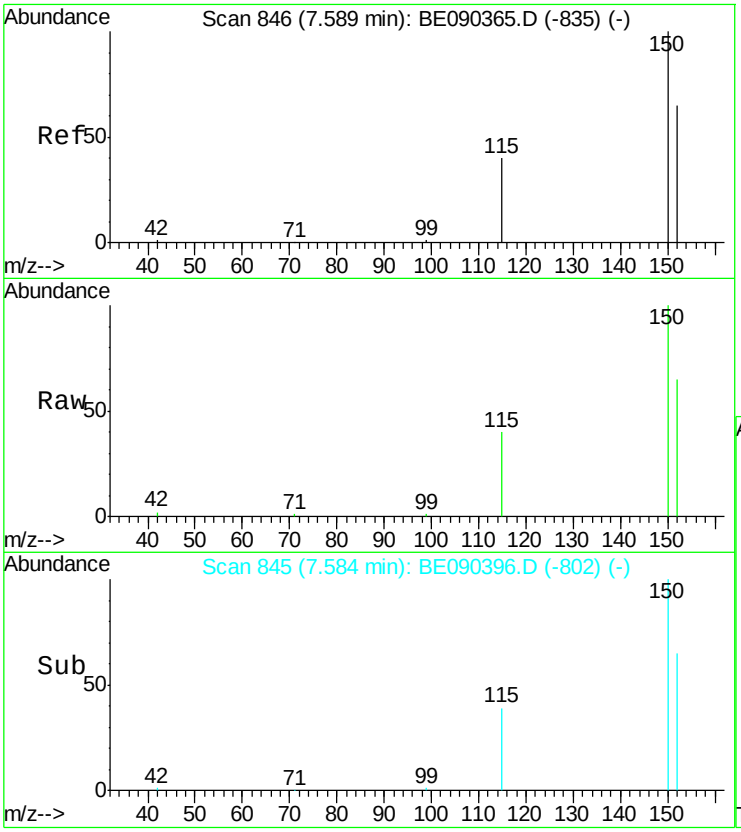
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080715\
Data File : BE090396.D
Acq On : 7 Aug 2015 14:14
Operator : TP/UM
Sample : PB84854BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Quant Time: Aug 07 23:03:55 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



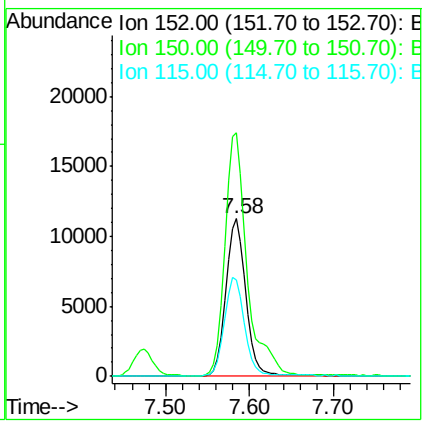


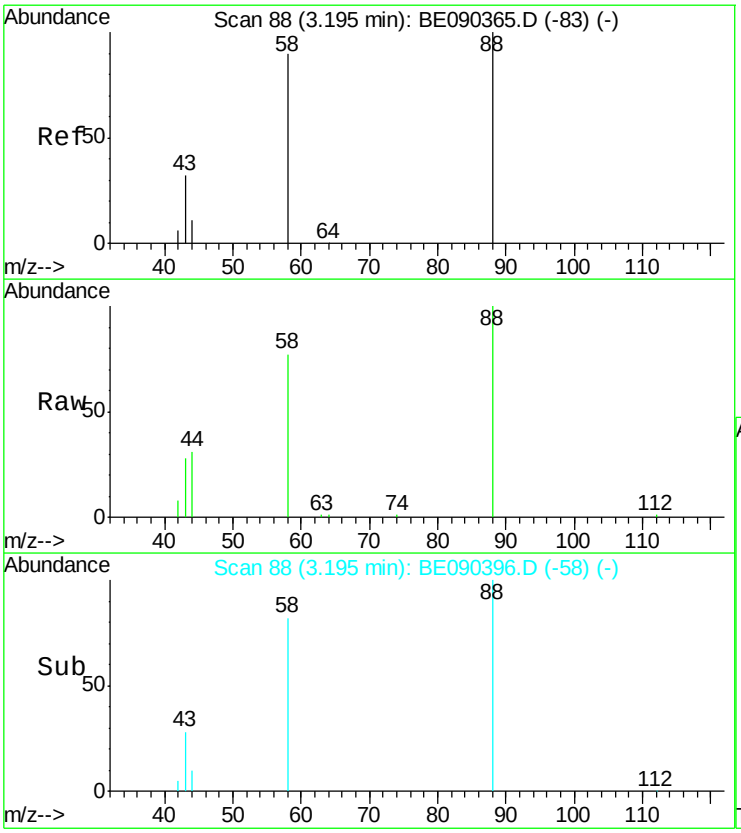
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:152 Resp: 18223

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.4
115	61.1	48.9	73.3

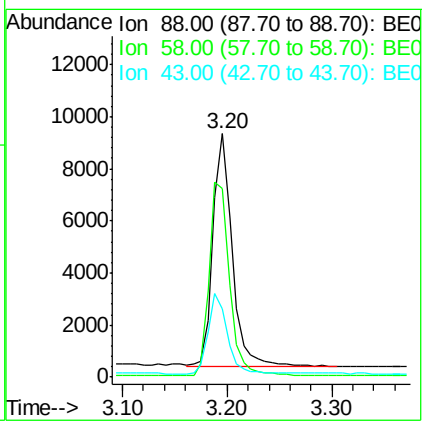


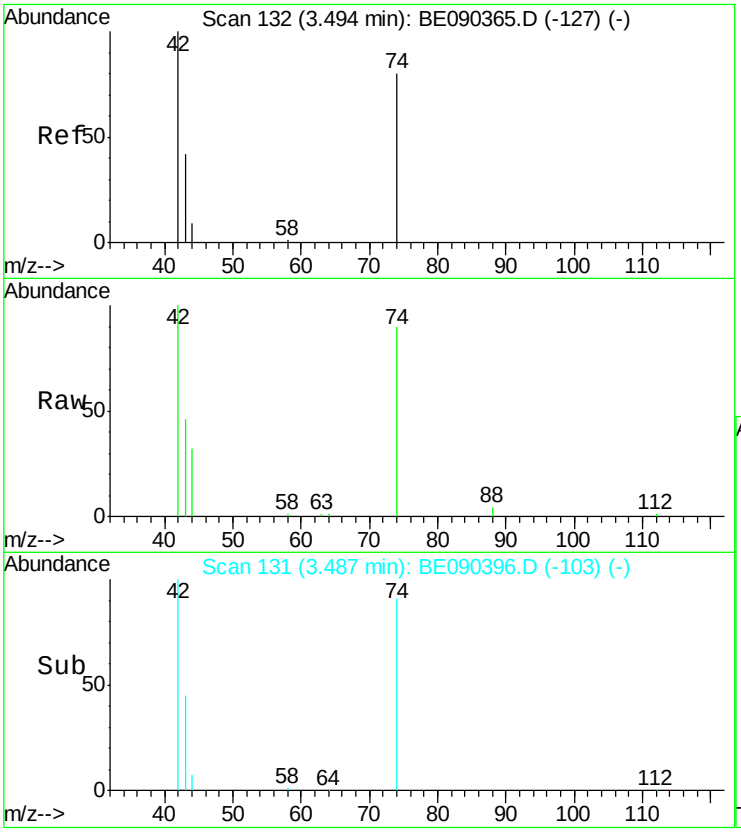


#2
1,4-Dioxane
Concen: 5.24 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion: 88 Resp: 11234

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.0	105.0
43	34.2	28.4	42.6



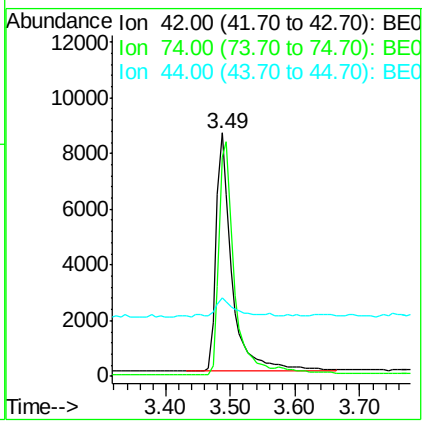


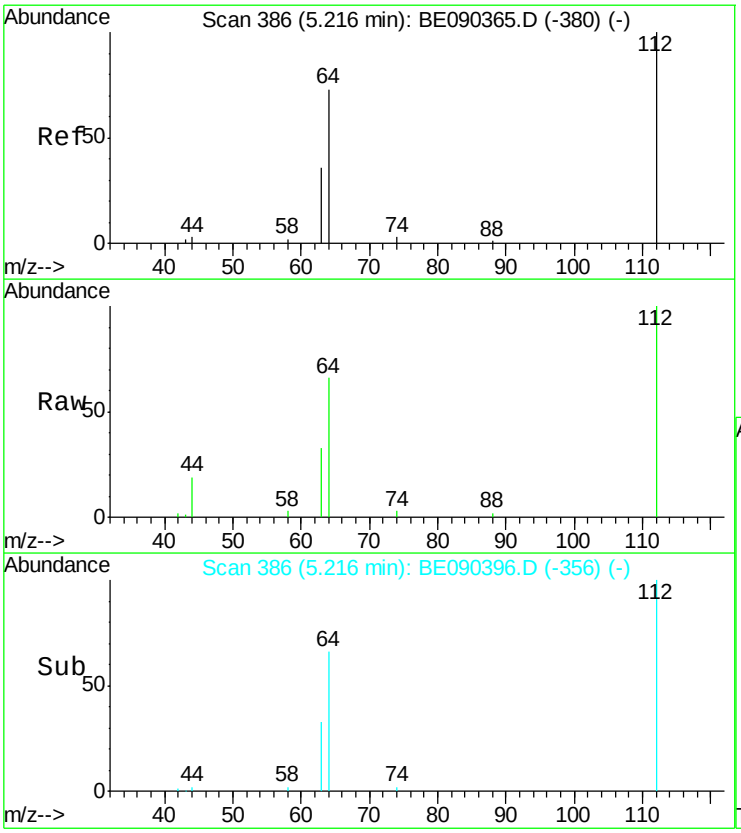
#3
n-Nitrosodimethylamine
Concen: 5.14 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion: 42 Resp: 14501

Ion	Ratio	Lower	Upper
42	100		
74	93.5	75.2	112.8
44	10.4	8.7	13.1

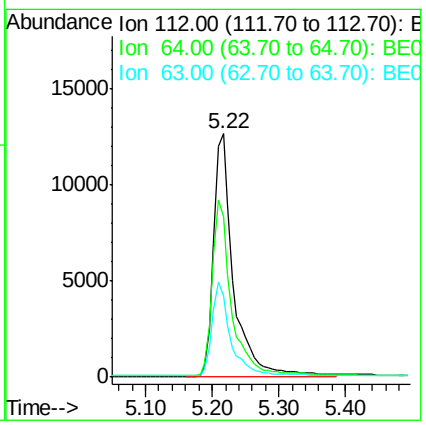


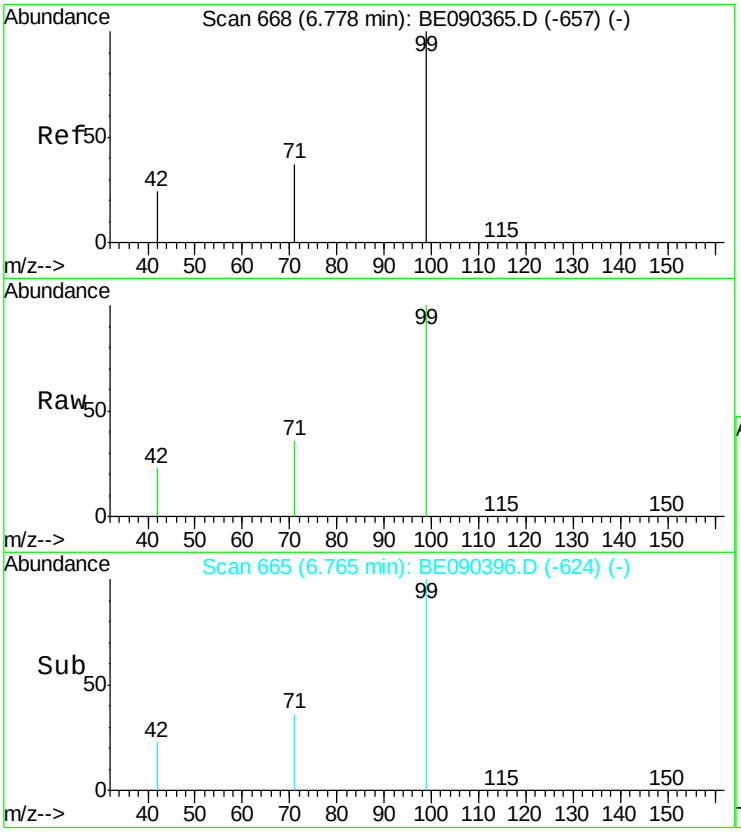


#4
2-Fluorophenol
Concen: 9.39 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:112 Resp: 25675

Ion	Ratio	Lower	Upper
112	100		
64	71.1	37.1	55.7#
63	37.2	19.5	29.3#



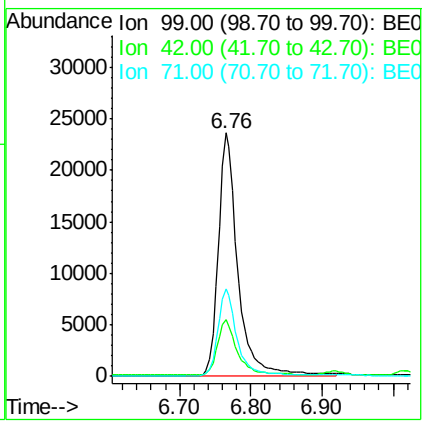


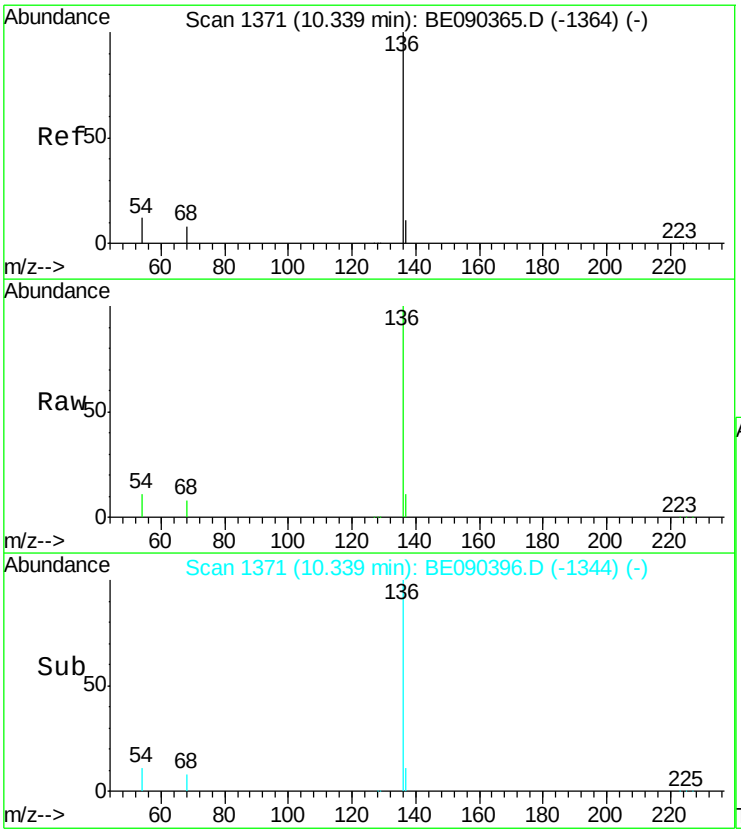
#5
Phenol-d6
Concen: 7.63 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion: 99 Resp: 45162

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.2	27.4
71	35.3	27.4	41.0

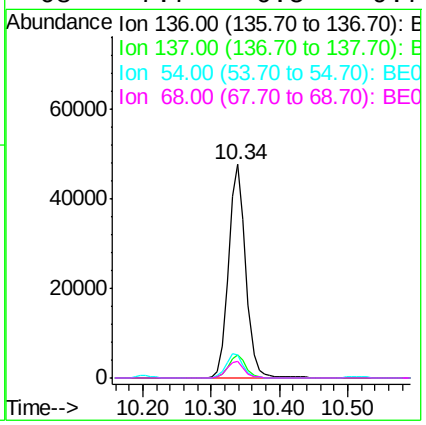


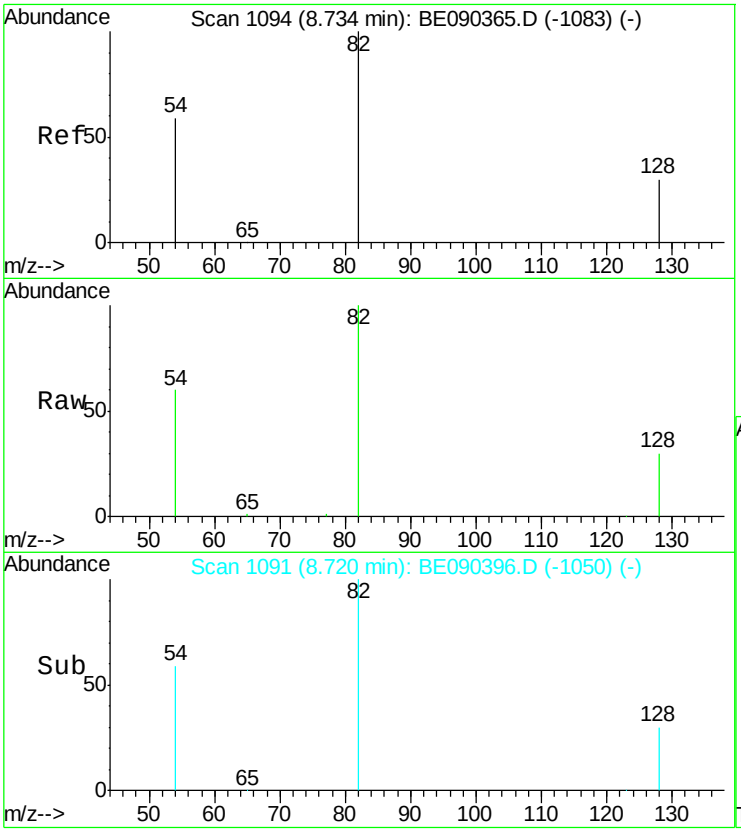


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:136 Resp: 81097

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.7	9.4	14.0
68	7.7	6.5	9.7



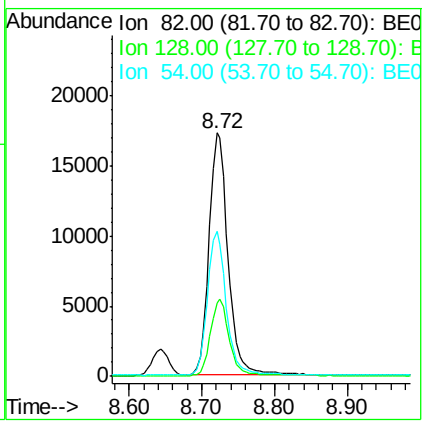


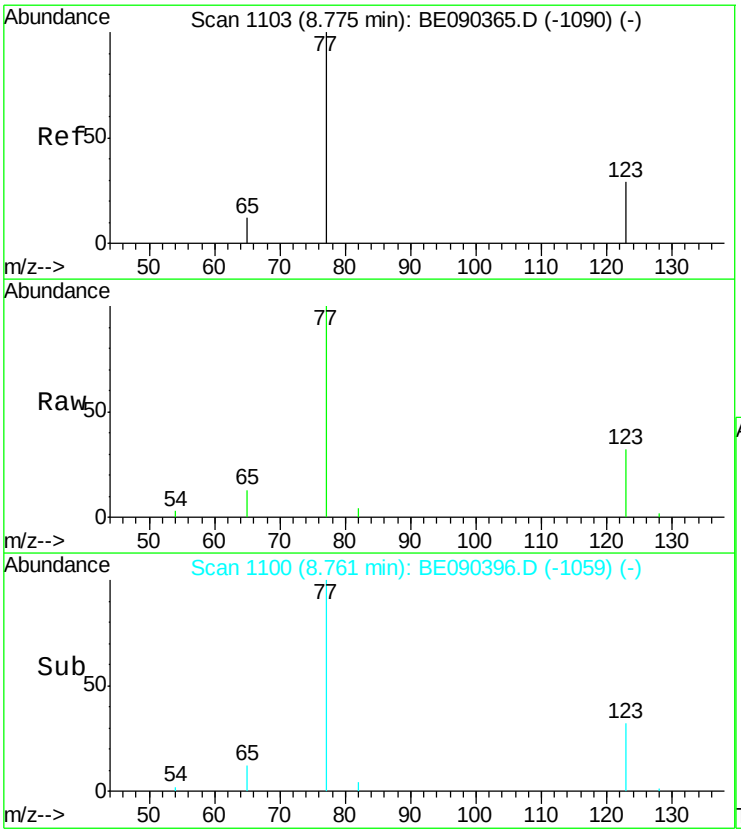
#7
Nitrobenzene-d5
Concen: 4.76 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion: 82 Resp: 31382

Ion	Ratio	Lower	Upper
82	100		
128	30.0	25.0	37.6
54	59.7	48.8	73.2

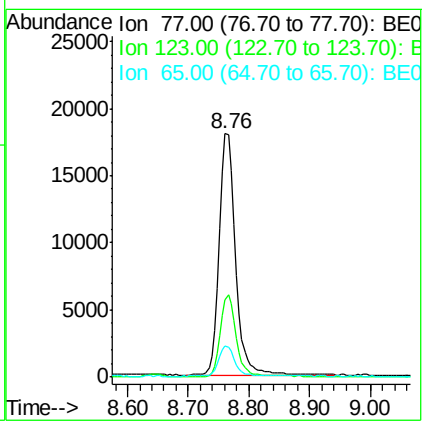


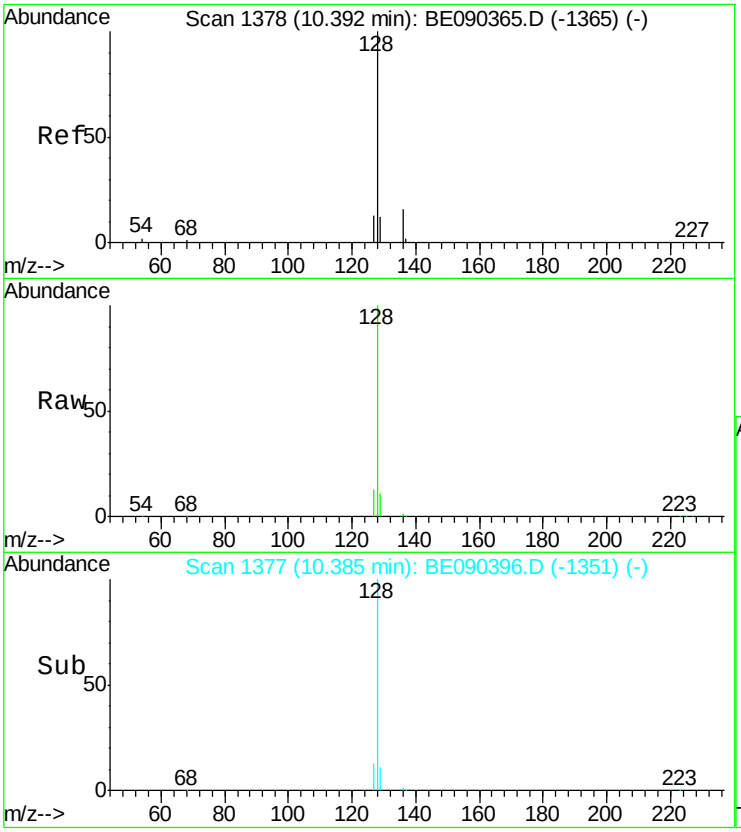


#8
Nitrobenzene
Concen: 4.74 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion: 77 Resp: 33409

Ion	Ratio	Lower	Upper
77	100		
123	32.8	25.1	37.7
65	12.3	9.3	13.9



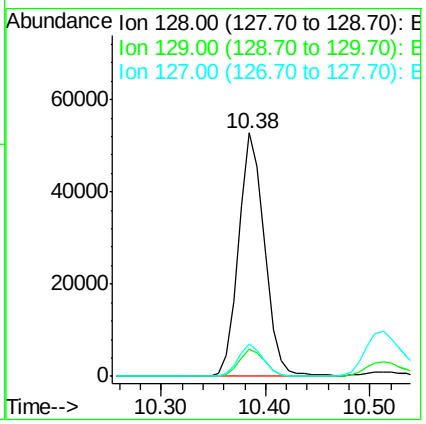


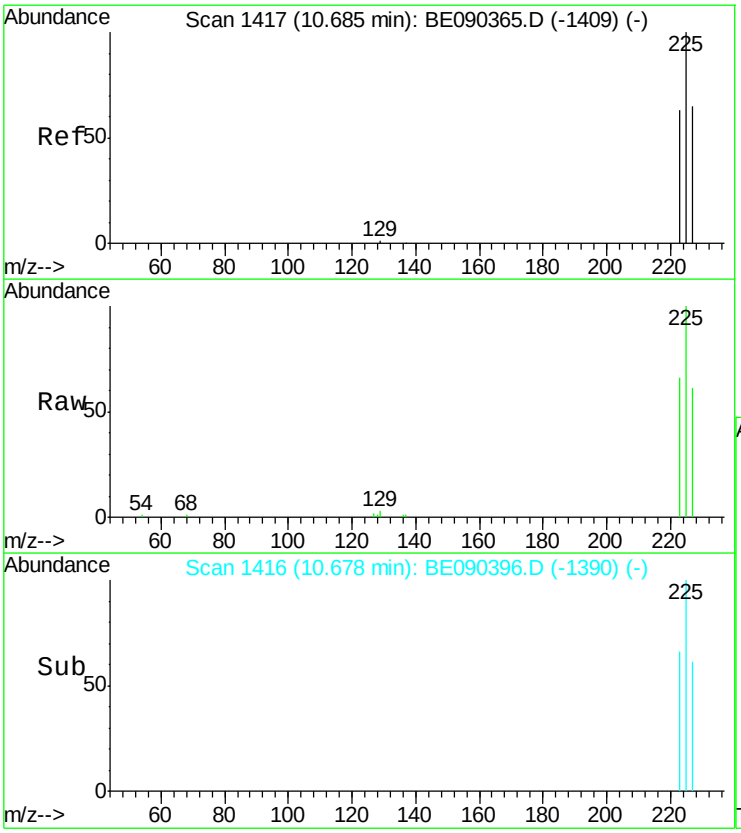
#9
Naphthalene
Concen: 5.02 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:128 Resp: 89972

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.2	10.6	16.0

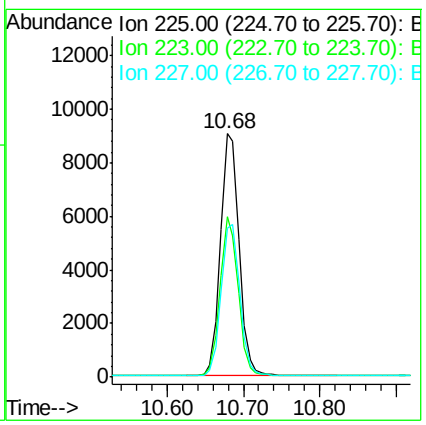


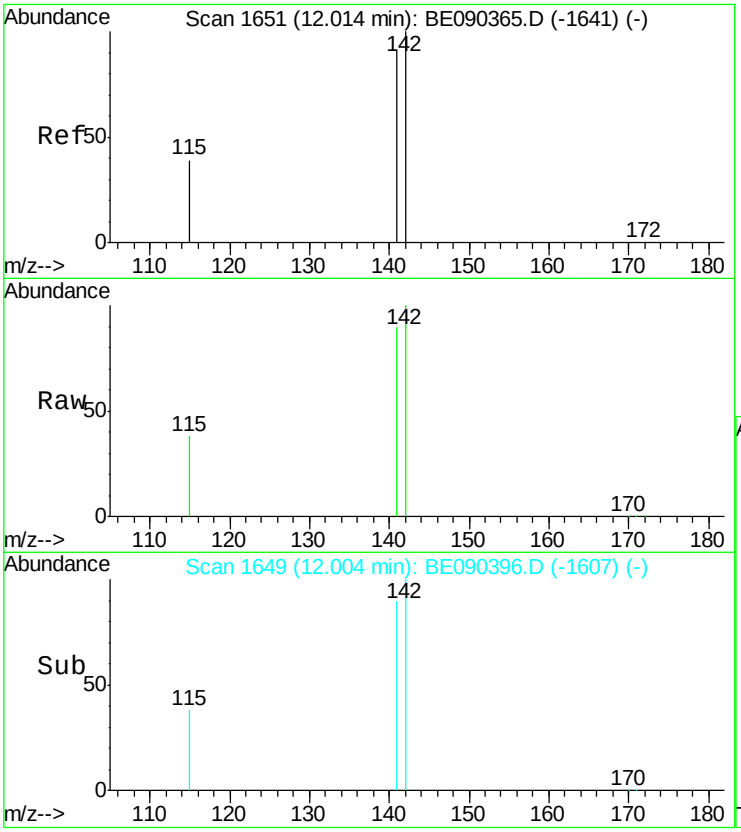


#10
Hexachlorobutadiene
Concen: 5.68 ng
RT: 10.68 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:225 Resp: 15341

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	63.2	50.7	76.1



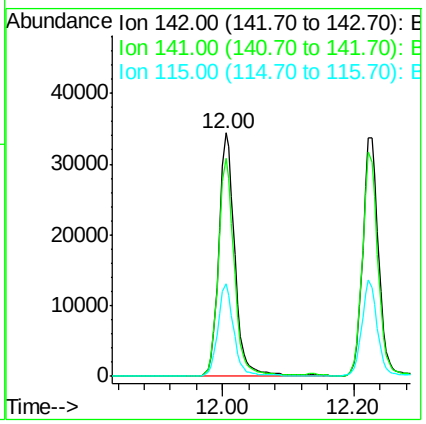


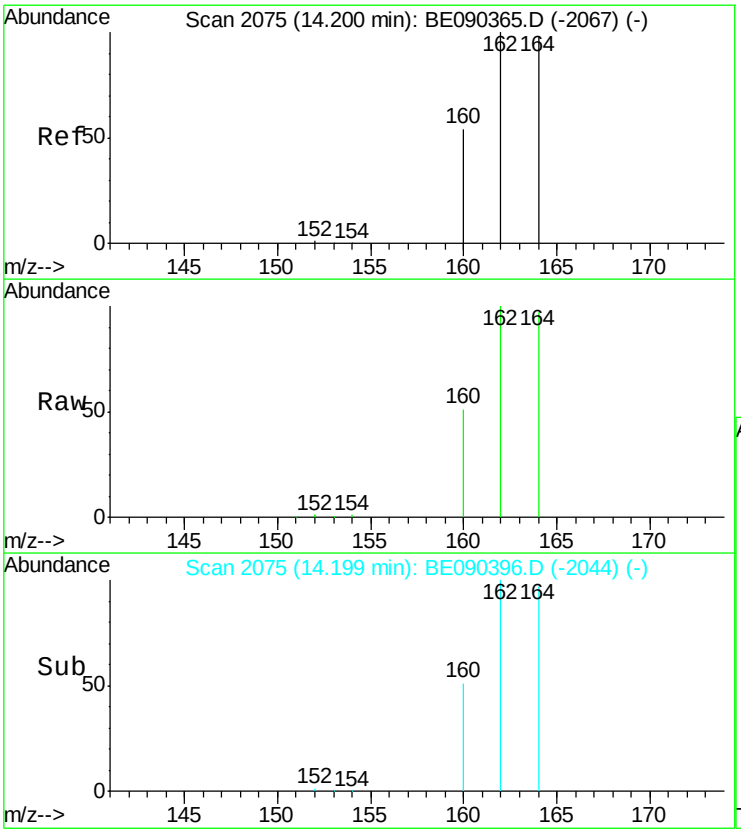
#11
2-Methylnaphthalene
Concen: 5.59 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:142 Resp: 58014

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	109.0
115	37.9	31.6	47.4

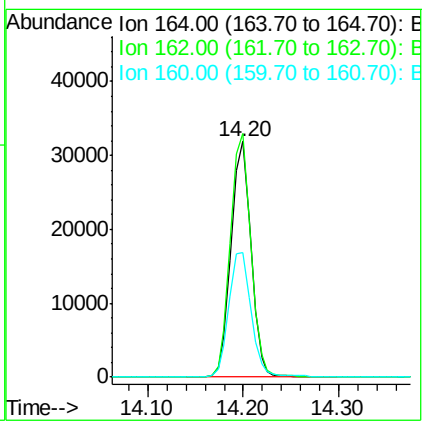


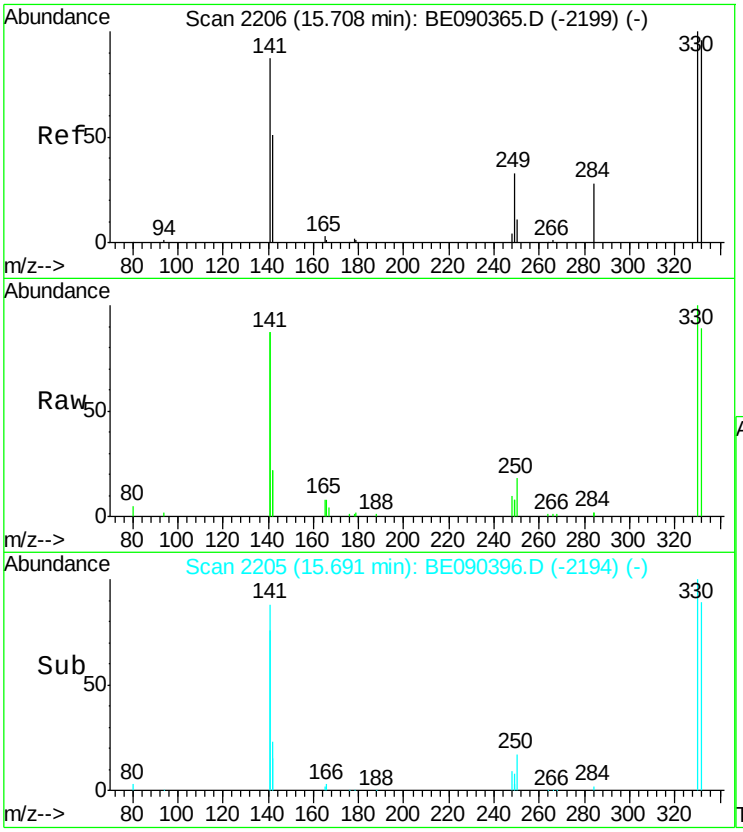


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:164 Resp: 45494

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.8
160	52.9	44.2	66.4



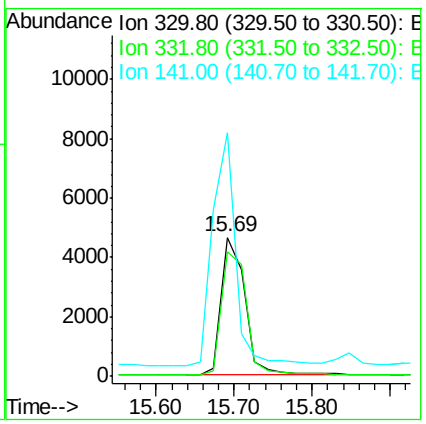


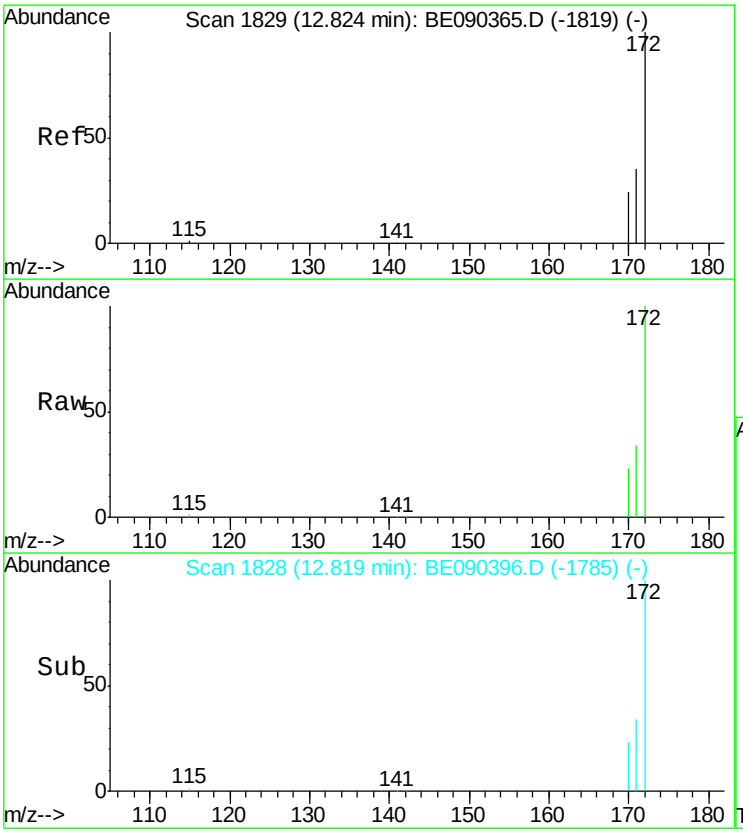
#13
2,4,6-Tribromophenol
Concen: 7.28 ng
RT: 15.69 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:330 Resp: 9689

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.6
141	164.4	114.4	171.6

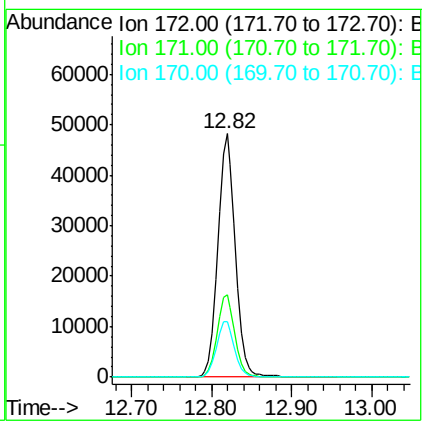


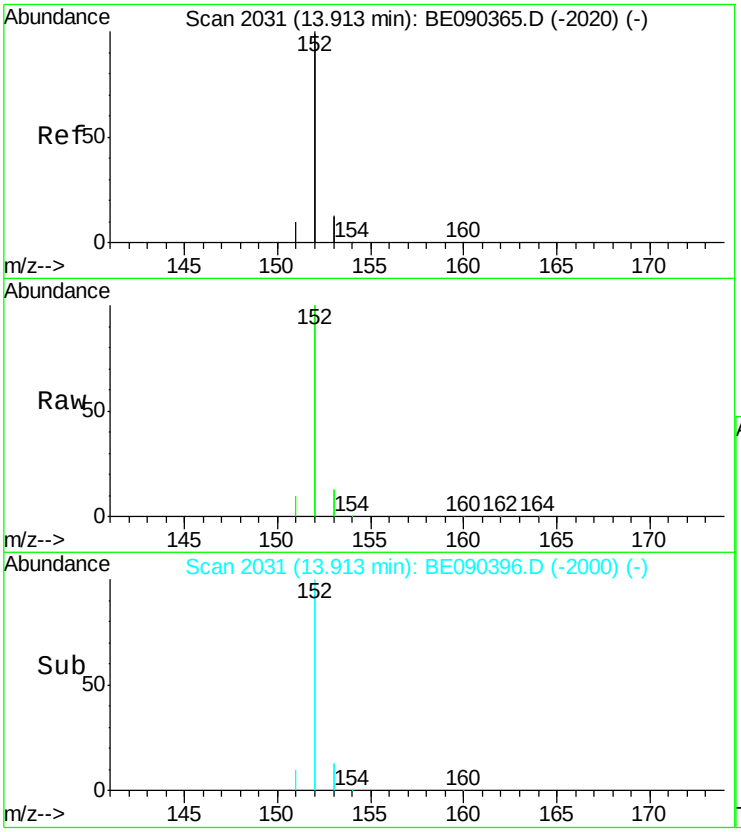


#14
2-Fluorobiphenyl
Concen: 5.82 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:172 Resp: 72850

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.0	19.8	29.8



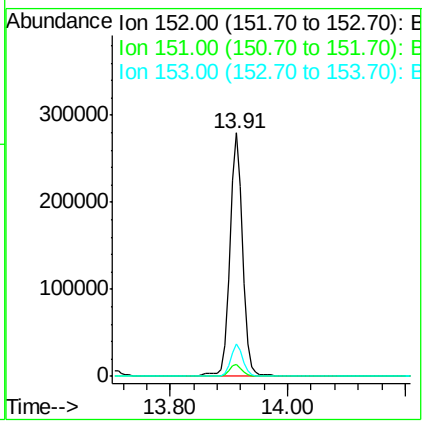


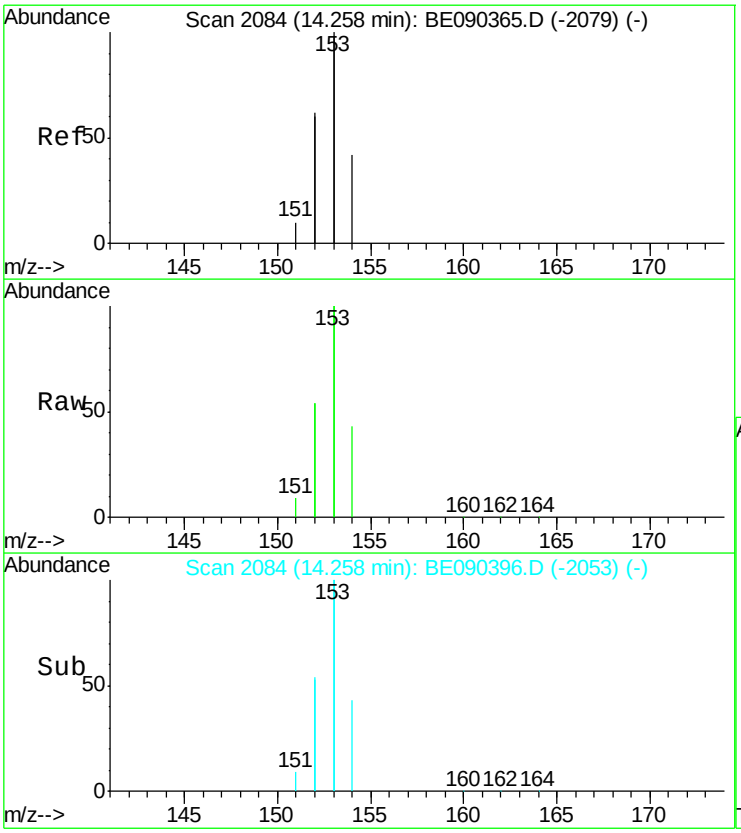
#15
Acenaphthylene
Concen: 5.63 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:152 Resp: 414691

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.8
153	13.0	10.3	15.5

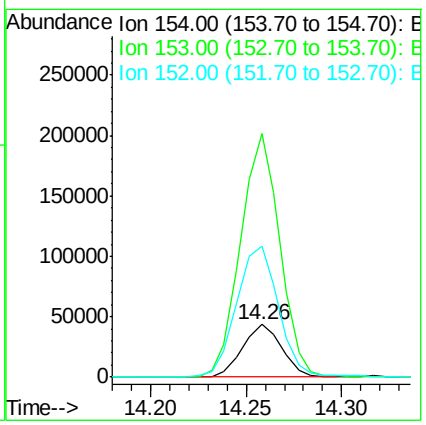


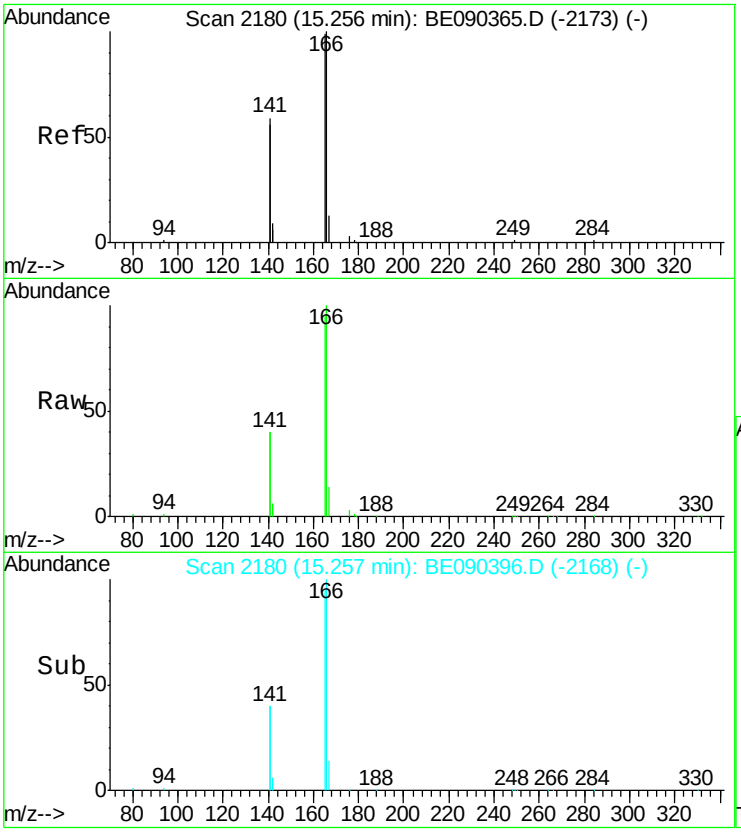


#16
Acenaphthene
Concen: 5.42 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:154 Resp: 62101

Ion	Ratio	Lower	Upper
154	100		
153	464.6	376.2	564.2
152	265.2	235.0	352.4



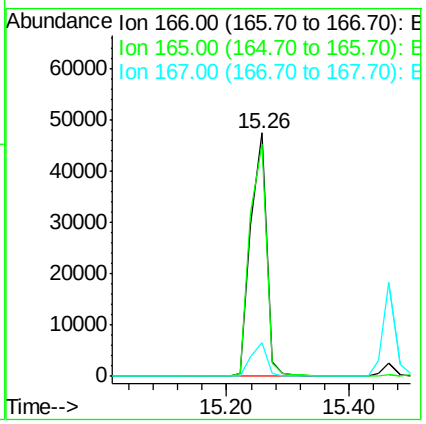


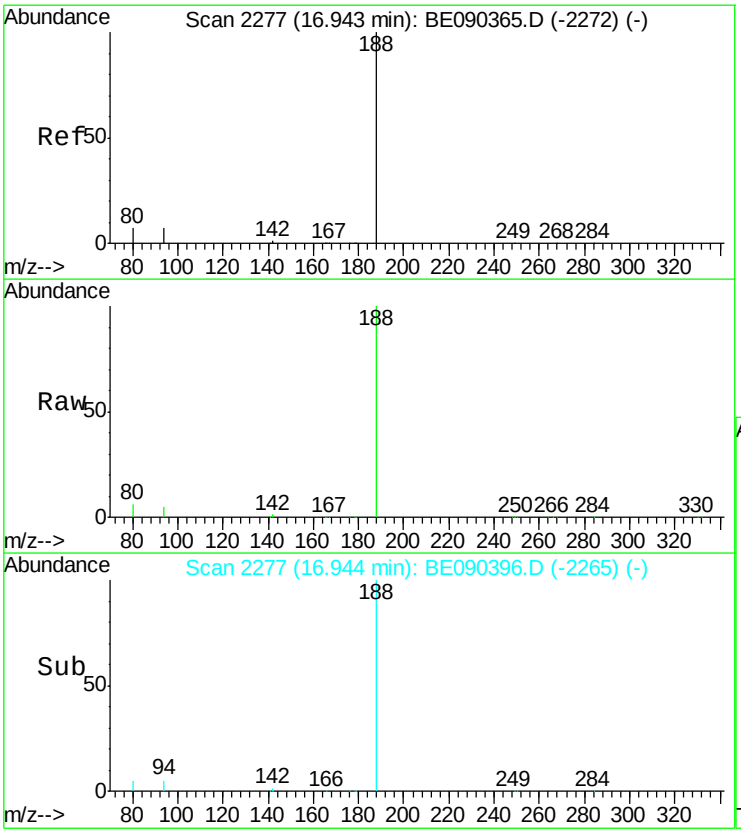
#17
Fluorene
Concen: 5.72 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:166 Resp: 85040

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.5	122.3
167	13.6	11.4	17.0

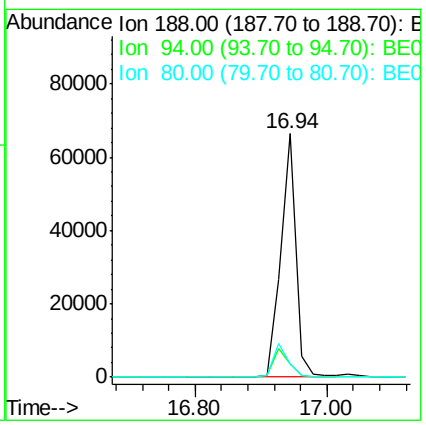


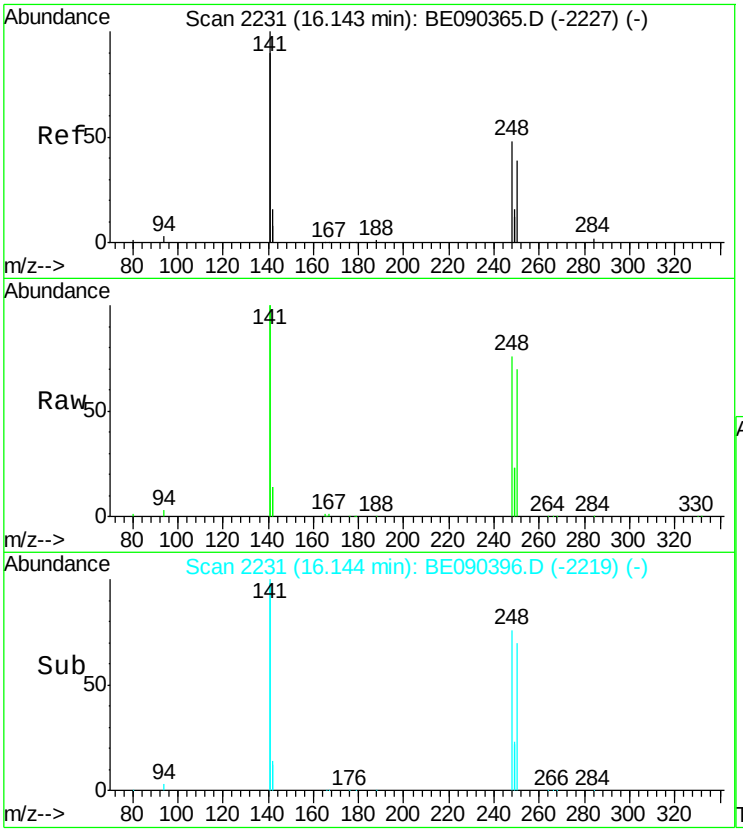


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:188 Resp: 104732

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	5.6	5.8	8.8#



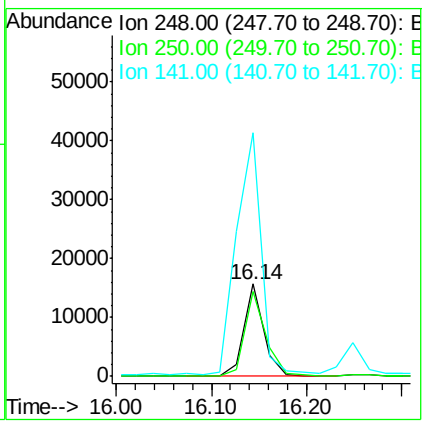


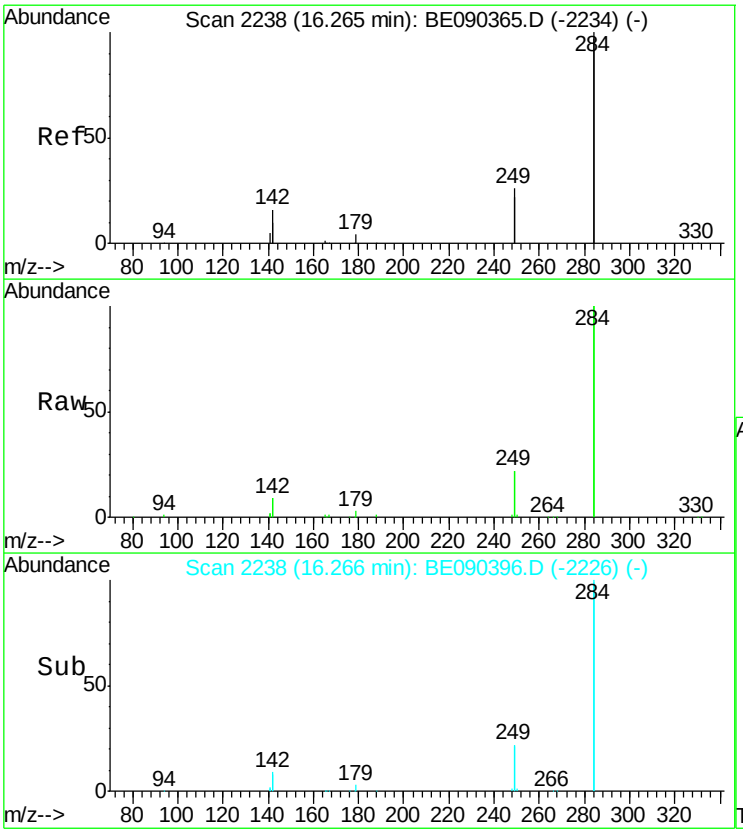
#19
4-Bromophenyl-phenylether
Concen: 5.55 ng
RT: 16.14 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:248 Resp: 22605

Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.0	118.6
141	320.8	239.5	359.3

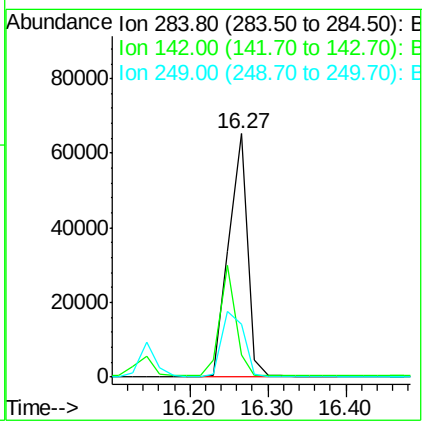


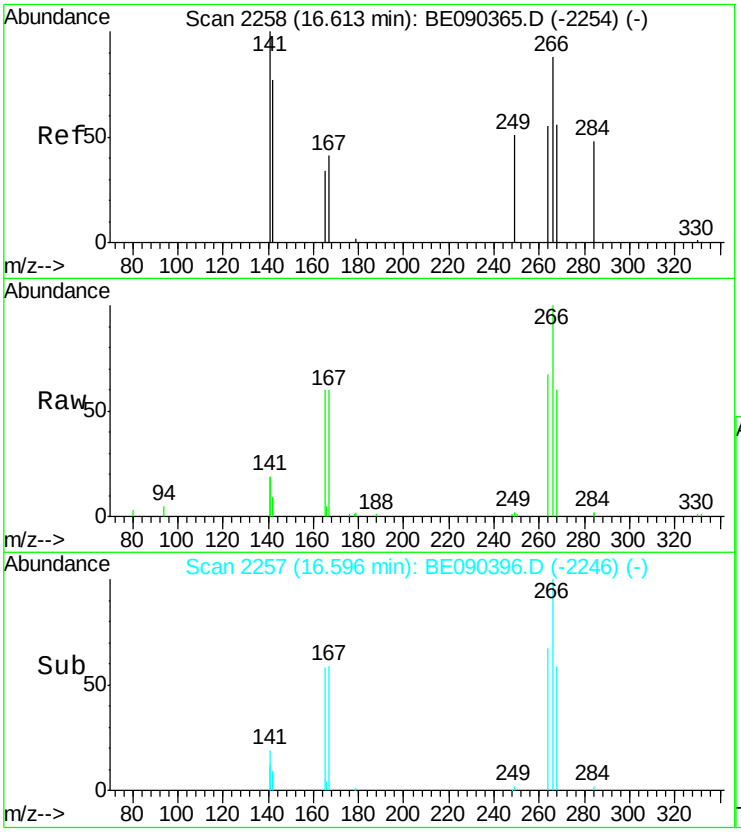


#20
Hexachlorobenzene
Concen: 5.16 ng
RT: 16.27 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:284 Resp: 108532

Ion	Ratio	Lower	Upper
284	100		
142	38.6	30.1	45.1
249	31.5	25.7	38.5



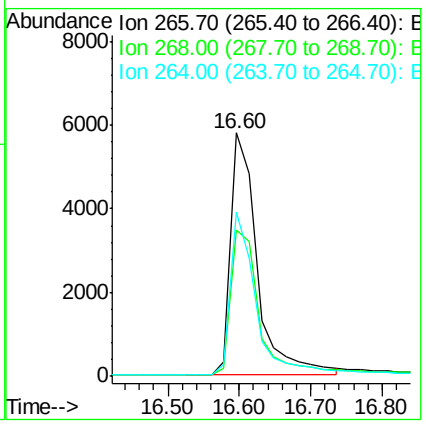


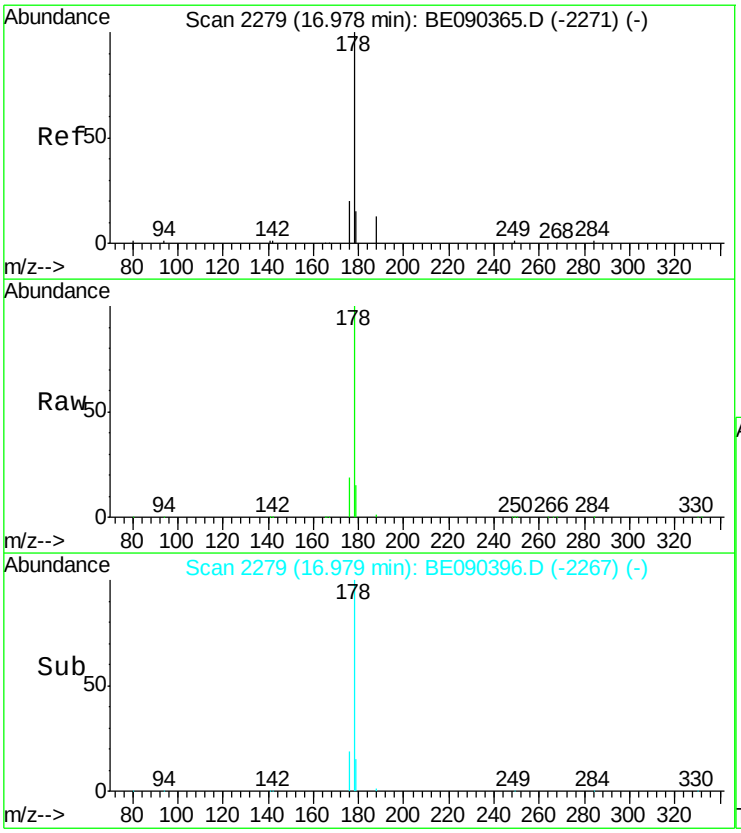
#21
Pentachlorophenol
Concen: 8.46 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:266 Resp: 14673

Ion	Ratio	Lower	Upper
266	100		
268	59.9	58.5	87.7
264	67.4	56.0	84.0

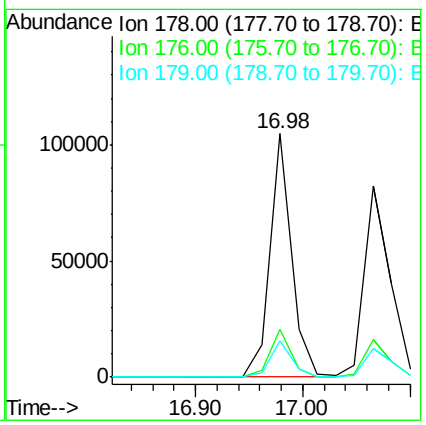


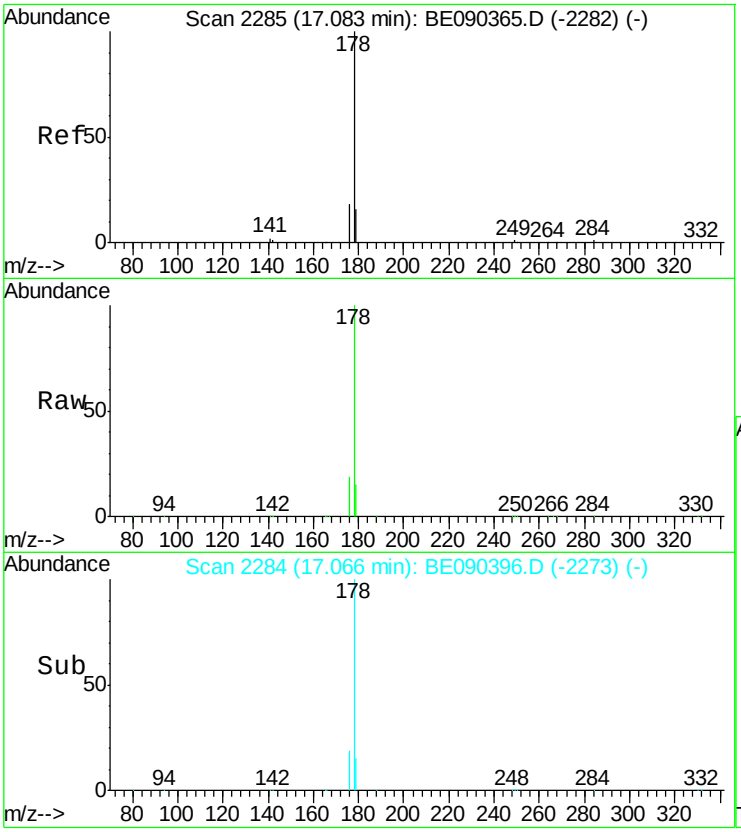


#22
Phenanthrene
Concen: 5.63 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:178 Resp: 147645

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.5	18.7



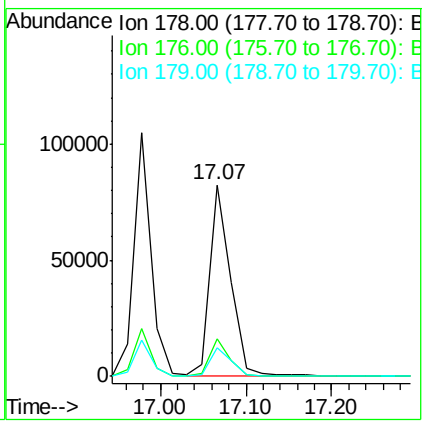


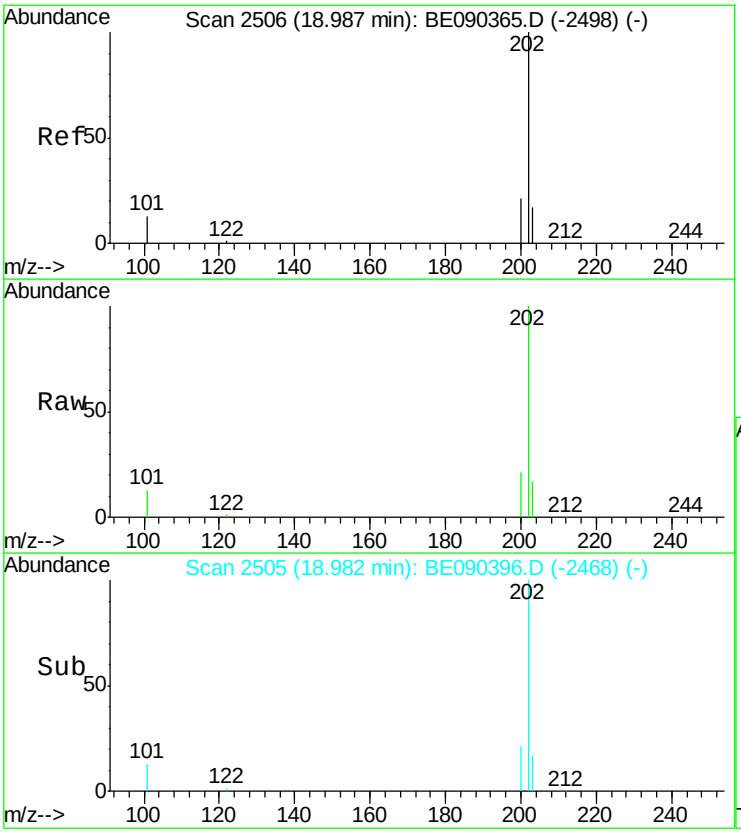
#23
Anthracene
Concen: 6.46 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:178 Resp: 139017

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.5	12.2	18.4

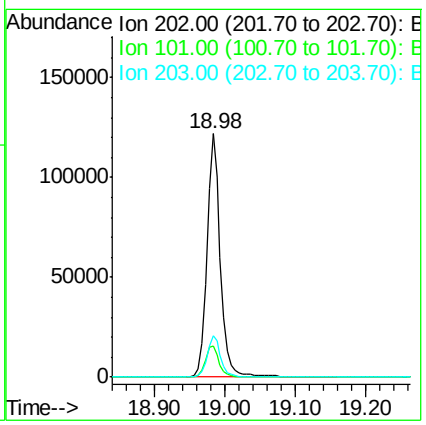


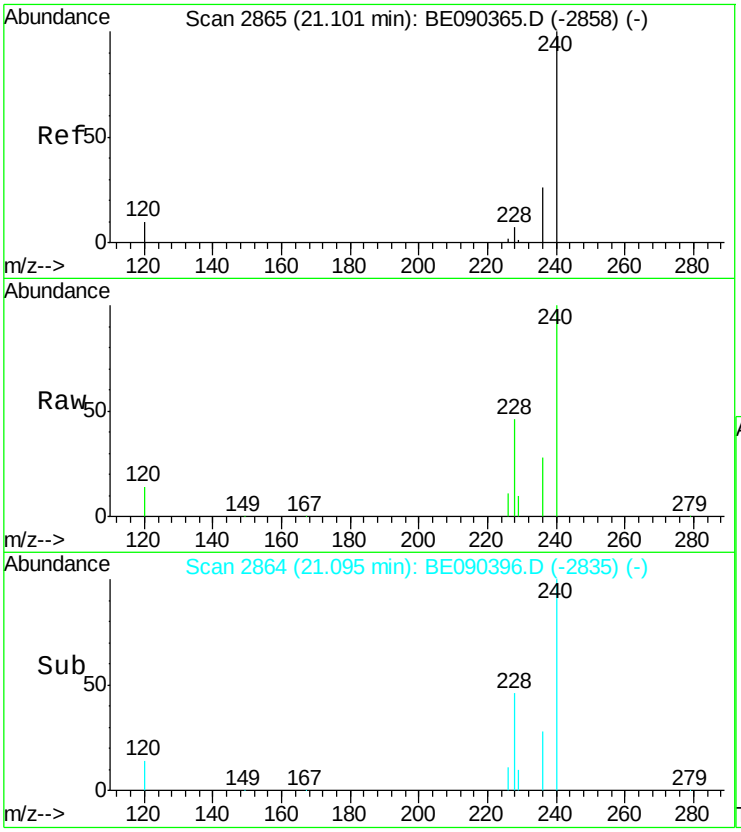


#24
Fluoranthene
Concen: 6.29 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:202 Resp: 162117

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
203	17.1	13.7	20.5



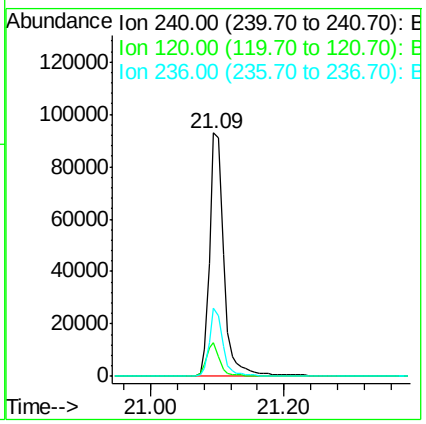


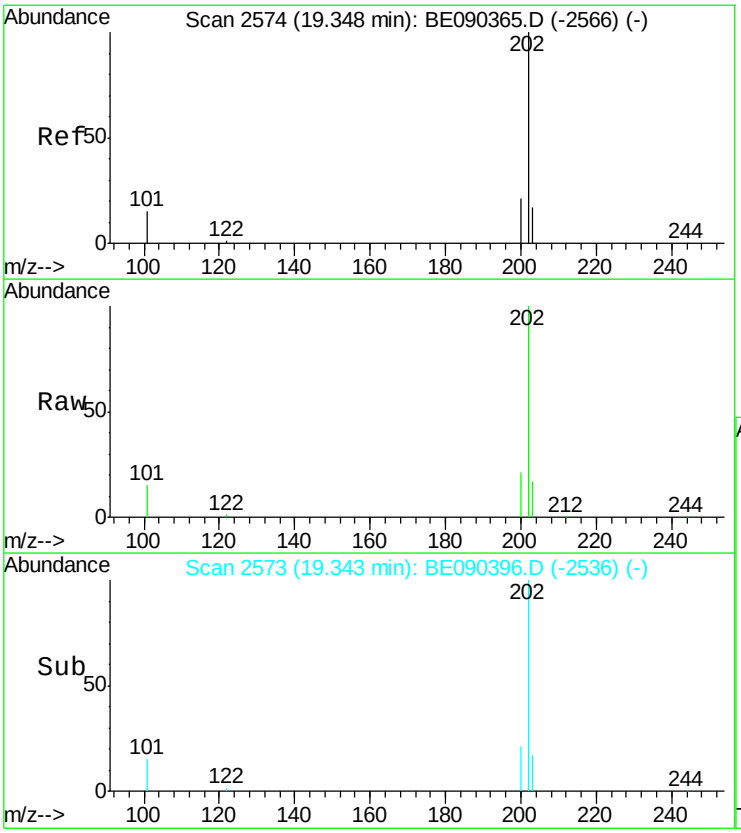
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:240 Resp: 135680

Ion	Ratio	Lower	Upper
240	100		
120	14.0	8.3	12.5#
236	27.8	21.0	31.4

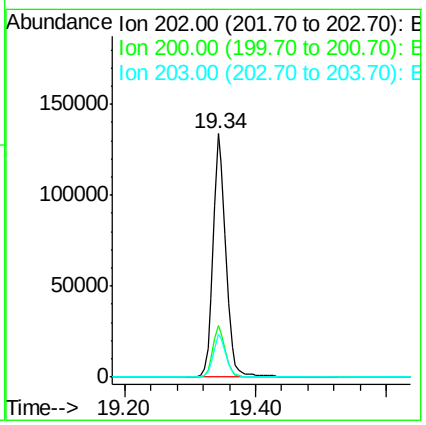


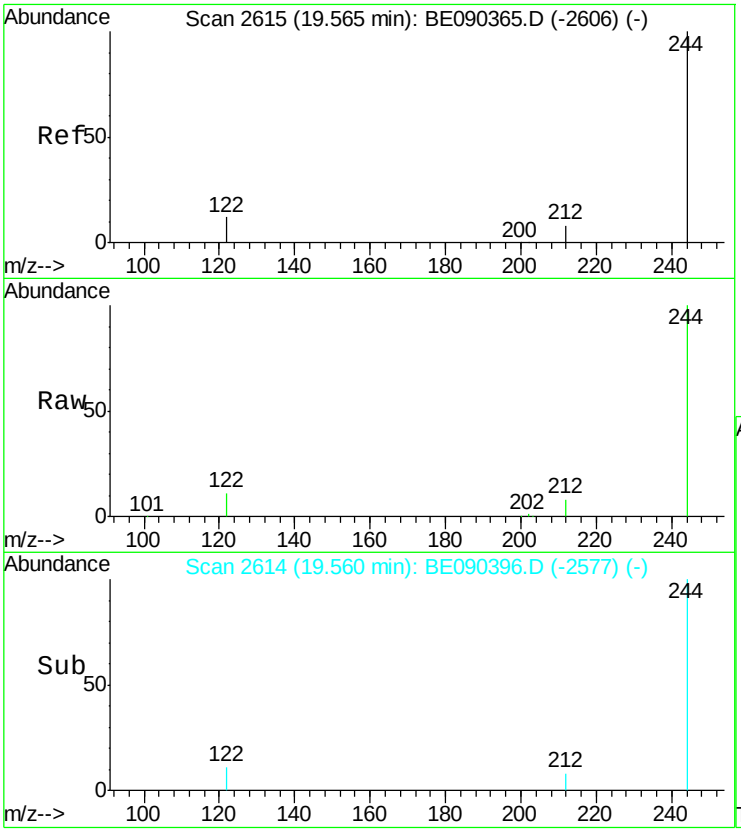


#26
Pyrene
Concen: 6.15 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:202 Resp: 180920

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.9	13.8	20.8



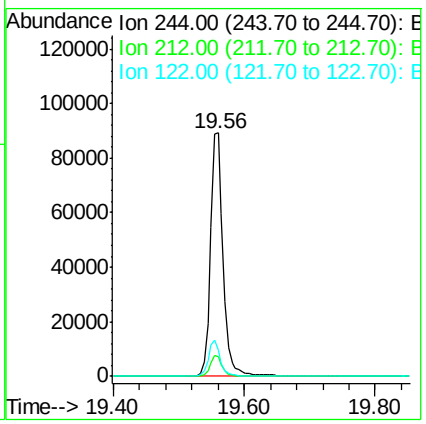


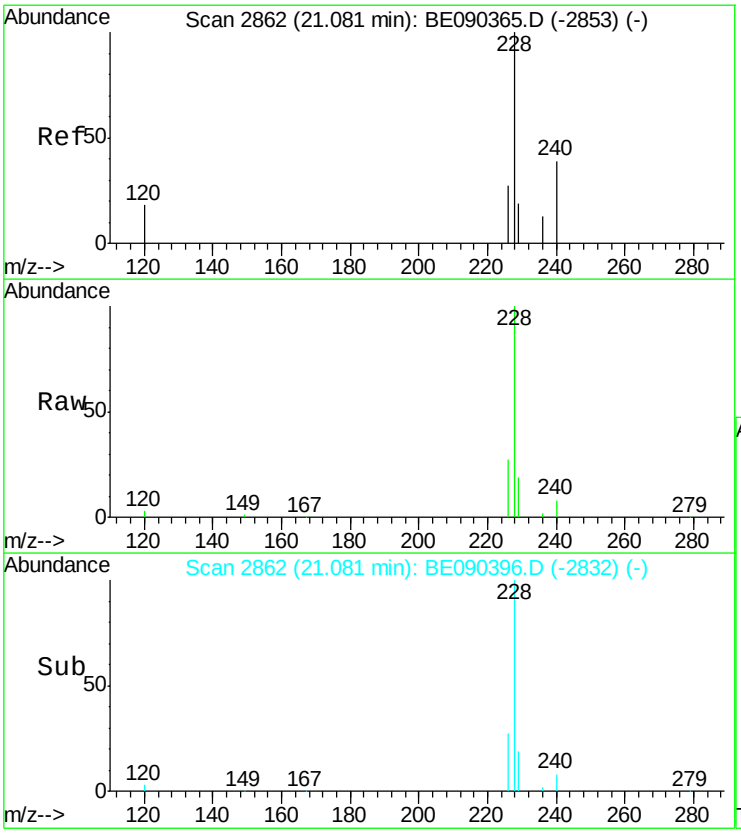
#27
Terphenyl-d14
Concen: 5.99 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:244 Resp: 119674

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	10.9	10.2	15.4

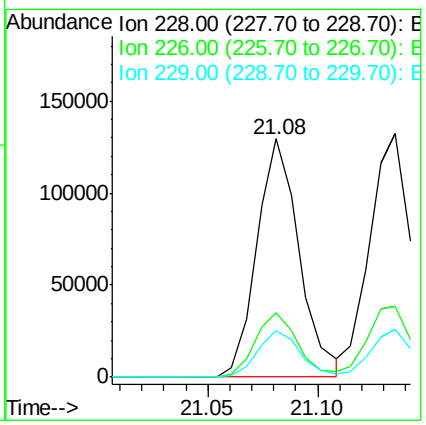


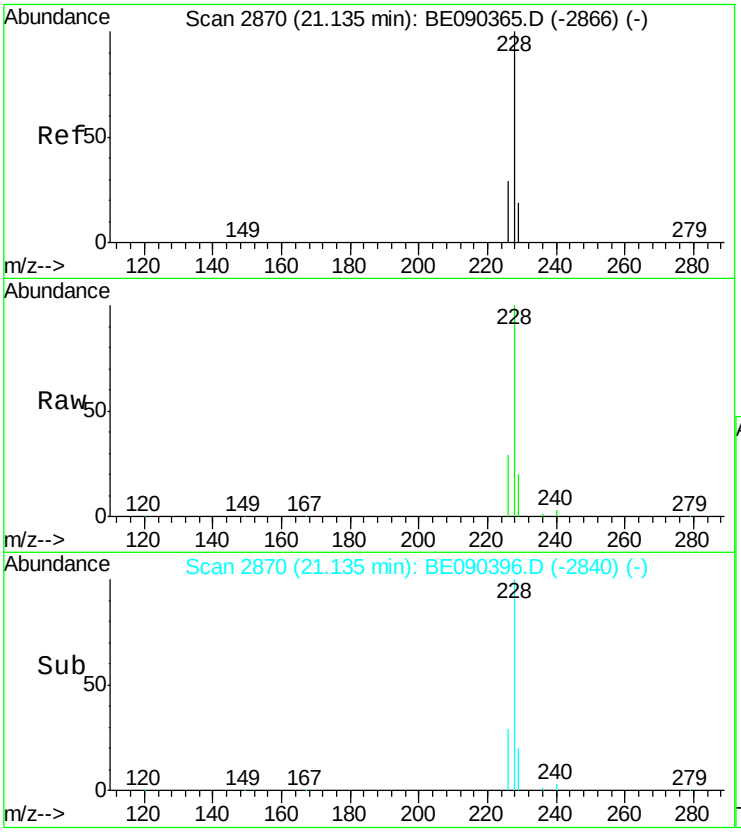


#28
Benzo(a)anthracene
Concen: 5.80 ng
RT: 21.08 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:228 Resp: 174316

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.4	15.4	23.0



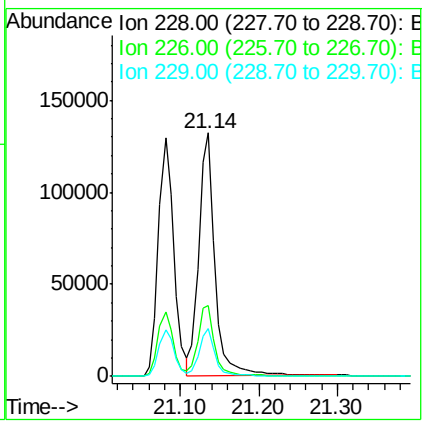


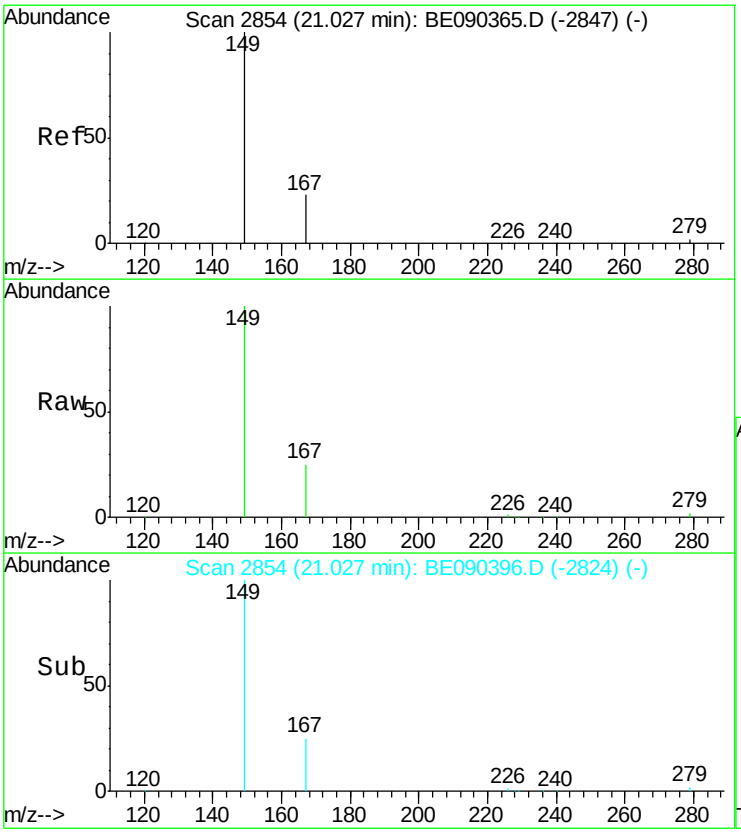
#29
Chrysene
Concen: 5.26 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:228 Resp: 191134

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.8	15.8	23.8

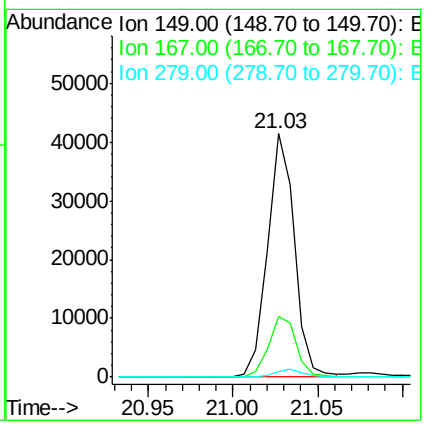


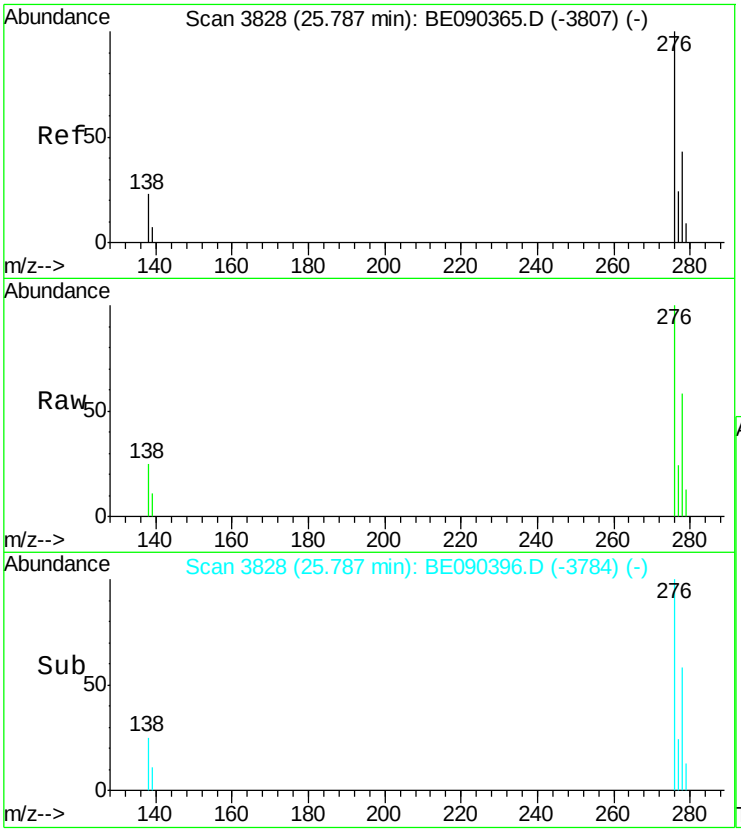


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.37 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:149 Resp: 45072

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.0	2.4	3.6



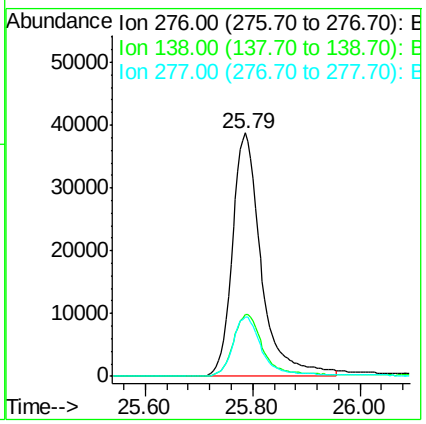


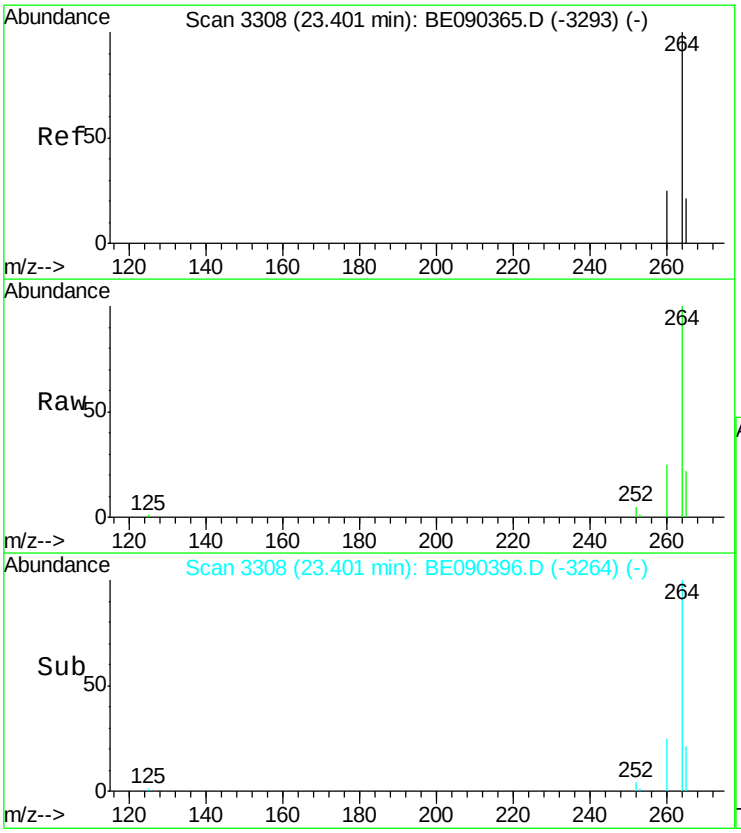
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.42 ng
RT: 25.79 min Scan# 3828
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:276 Resp: 144099

Ion	Ratio	Lower	Upper
276	100		
138	26.4	18.8	28.2
277	24.8	18.2	27.4

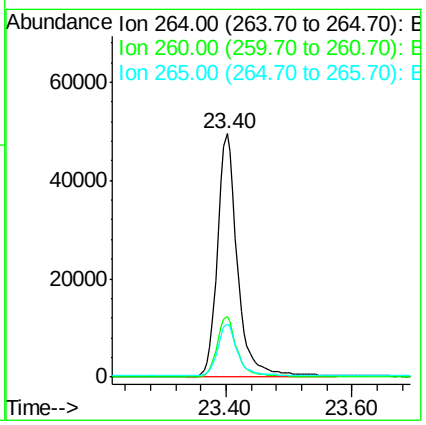


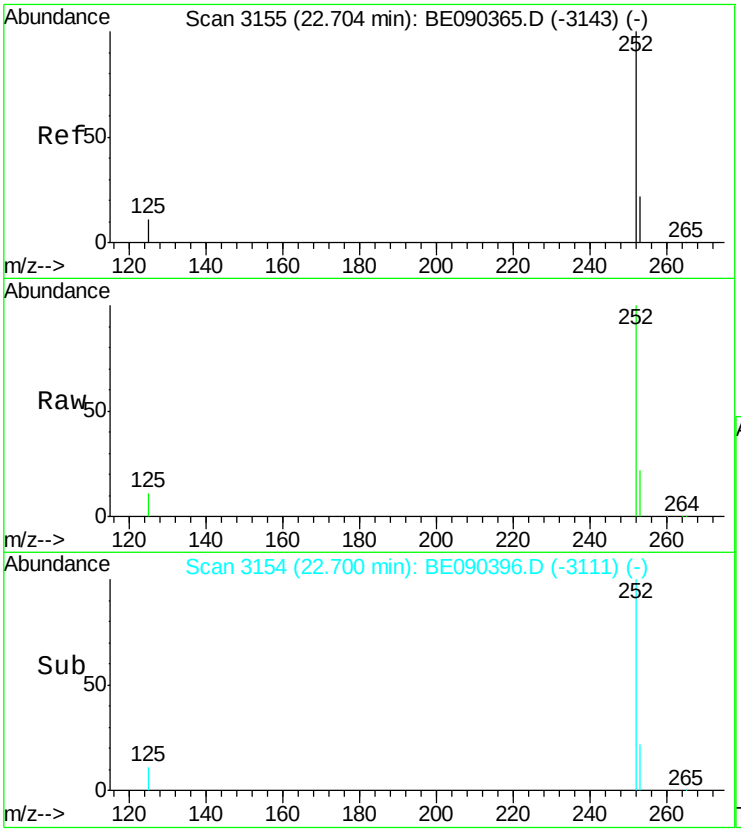


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:264 Resp: 109431

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.7	17.2	25.8



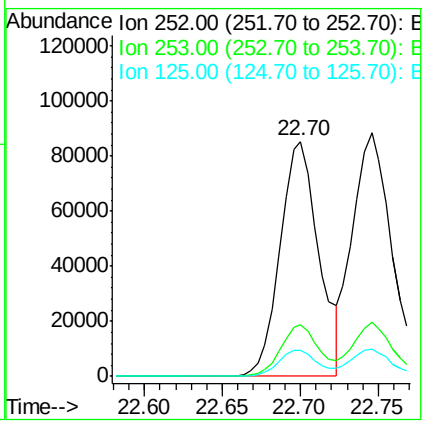


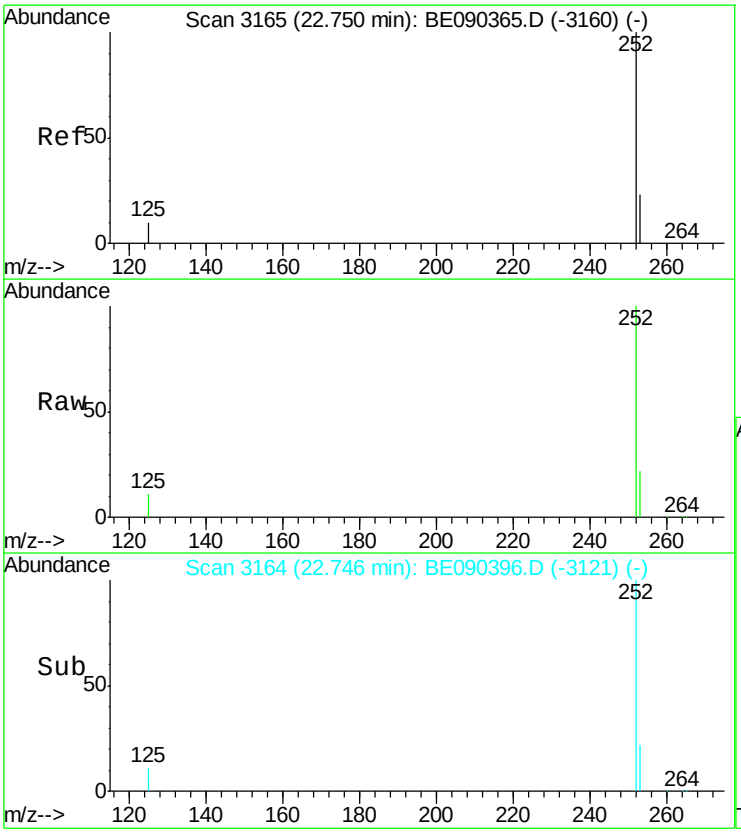
#33
Benzo(b)fluoranthene
Concen: 5.87 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:252 Resp: 146142

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	9.4	14.2

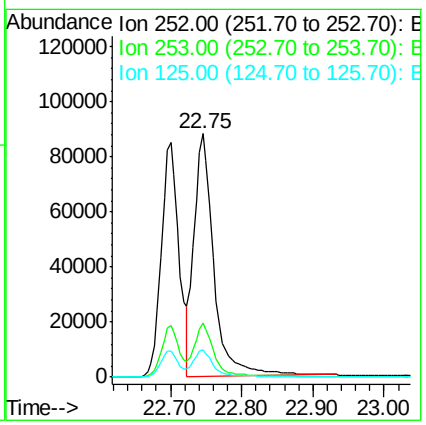


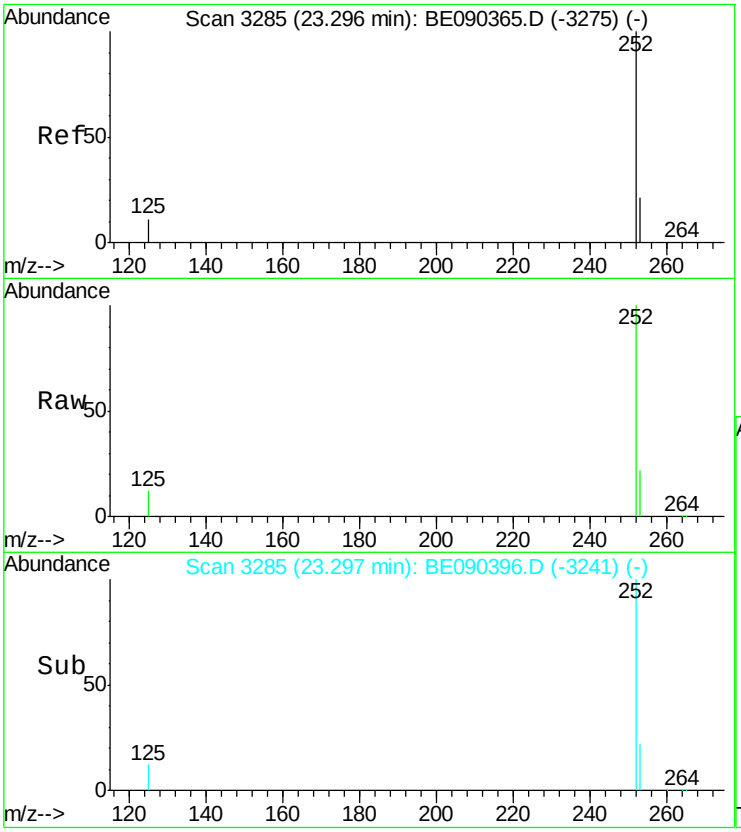


#34
Benzo(k)fluoranthene
Concen: 5.51 ng
RT: 22.75 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:252 Resp: 168054

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	11.0	9.1	13.7



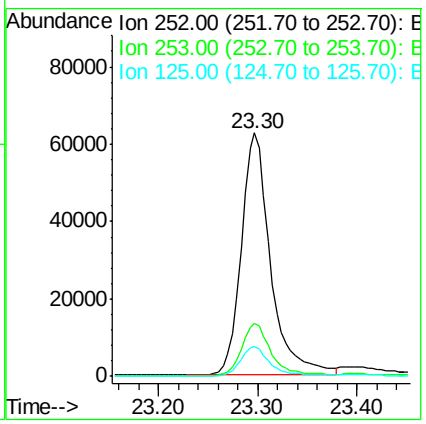


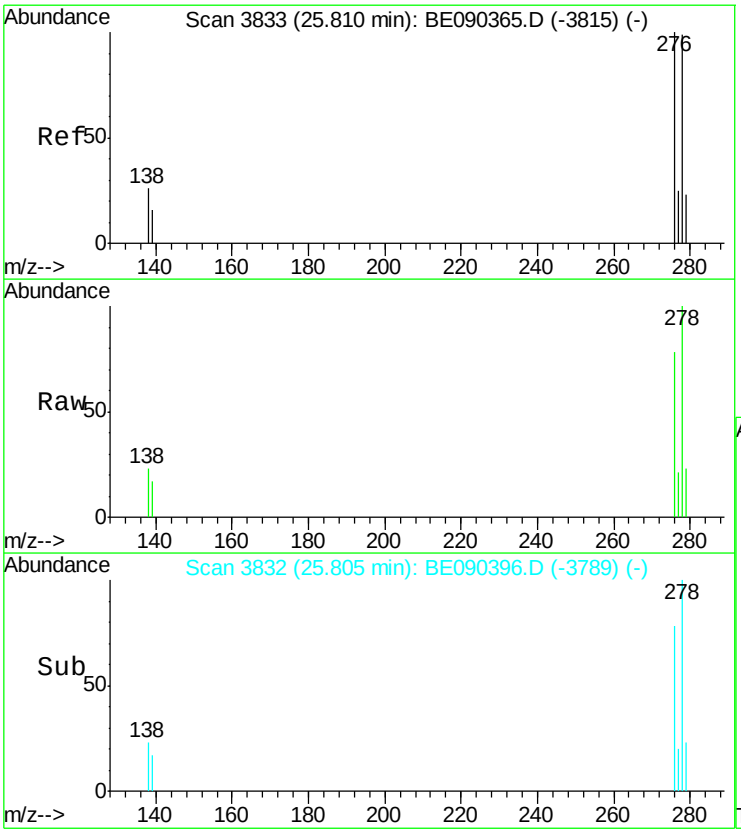
#35
Benzo(a)pyrene
Concen: 5.51 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:252 Resp: 129503

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.1	9.8	14.6

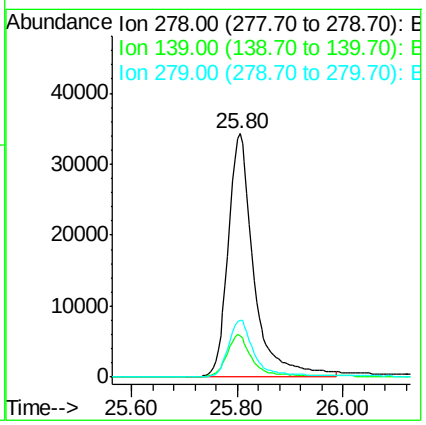


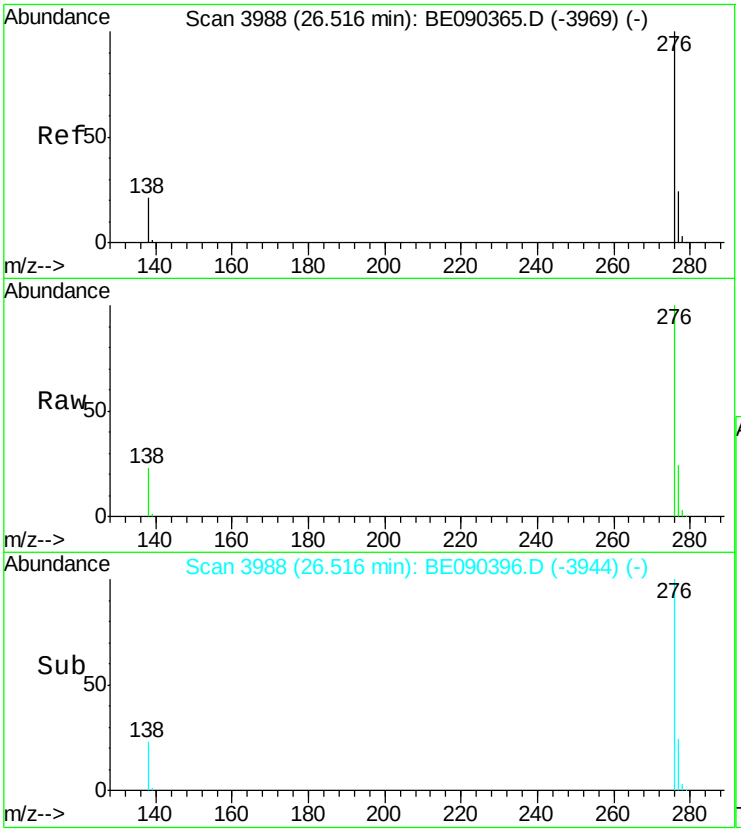


#36
Dibenzo(a,h)anthracene
Concen: 5.04 ng
RT: 25.80 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Tgt Ion:278 Resp: 115675

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	23.5	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 6.32 ng
RT: 26.52 min Scan# 3988
Delta R.T. -0.00 min
Lab File: BE090396.D
Acq: 7 Aug 2015 14:14

Instrument :
BNA_E
ClientSampleId :
PB84854BS

Tgt Ion:276 Resp: 127704

Ion	Ratio	Lower	Upper
276	100		
277	23.7	20.1	30.1
138	23.0	18.1	27.1