Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090007.D
Acq On : 30 Jun 2015 7:43
Operator : TP/IZ
Sample : G2810-27MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0520006-150625MS

Quant Time: Jun 30 09:06:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	20797	5.00	ng		0.00
6) Naphthalene-d8	10.38	136	101880	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	59700	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	134455	5.00	ng		0.00
25) Chrysene-d12	21.14	240	126998	5.00	ng		0.00
32) Perylene-d12	23.47	264	134059	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	39268	8.22	ng		0.00
5) Phenol-d6	6.81	99	63987	9.57	ng		0.00
7) Nitrobenzene-d5	8.76	82	38837	4.80	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	19573	11.19	ng		0.02
14) 2-Fluorobiphenyl	12.86	172	77967	4.35	ng		0.00
27) Terphenyl-d14	19.60	244	112789	5.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	10217	3.58	ng		100
3) n-Nitrosodimethylamine	3.53	42	16360	4.23	ng		91
8) Nitrobenzene	8.80	77	43354	5.05	ng		96
9) Naphthalene	10.43	128	187927	8.16	ng		99
10) Hexachlorobutadiene	10.72	225	17015	4.70	ng		100
11) 2-Methylnaphthalene	12.05	142	88060	5.72	ng		100
15) Acenaphthylene	13.95	152	536133	4.98	ng		99
16) Acenaphthene	14.30	154	125345	8.08	ng		96
17) Fluorene	15.29	166	128663	6.09	ng		99
19) 4-Bromophenyl-phenylether	16.18	248	29221	5.11	ng		95
20) Hexachlorobenzene	16.30	284	125227	5.26	ng		96
21) Pentachlorophenol	16.63	266	33835	11.00	ng		93
22) Phenanthrene	17.01	178	1153291	33.48	ng		98
23) Anthracene	17.01	178	1153196	36.59	ng		96
24) Fluoranthene	19.03	202	2833620	73.65	ng	#	94
26) Pyrene	19.39	202	2694631	89.02	ng	#	89
28) Benzo(a)anthracene	21.13	228	1988015	62.68	ng		94
29) Chrysene	21.13	228	1988992	60.40	ng		97
30) Bis(2-ethylhexyl)phthalate	21.07	149	124223	8.30	ng		99
31) Indeno(1,2,3-cd)pyrene	25.91	276	1523416	48.25	ng		97
33) Benzo(b)fluoranthene	22.77	252	2756960	93.22	ng	#	95
34) Benzo(k)fluoranthene	22.77	252	2756960	83.44	ng		95
35) Benzo(a)pyrene	23.38	252	1987758	72.78	ng		96
36) Dibenzo(a,h)anthracene	25.92	278	498295	17.77	ng		98
37) Benzo(g,h,i)perylene	26.66	276	1500206	52.78	ng		98

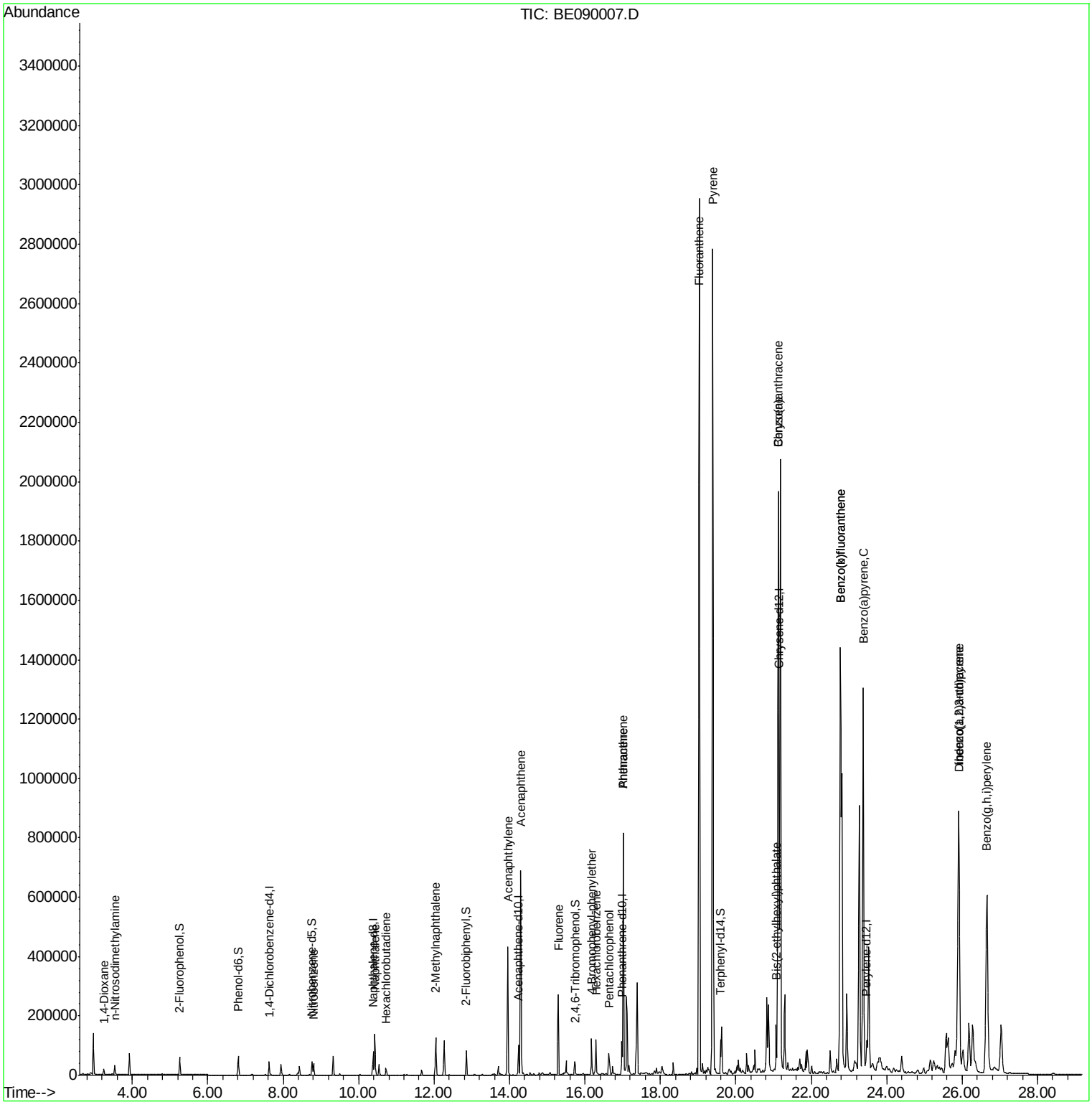
(#) = qualifier out of range (m) = manual integration (+) = signals summed

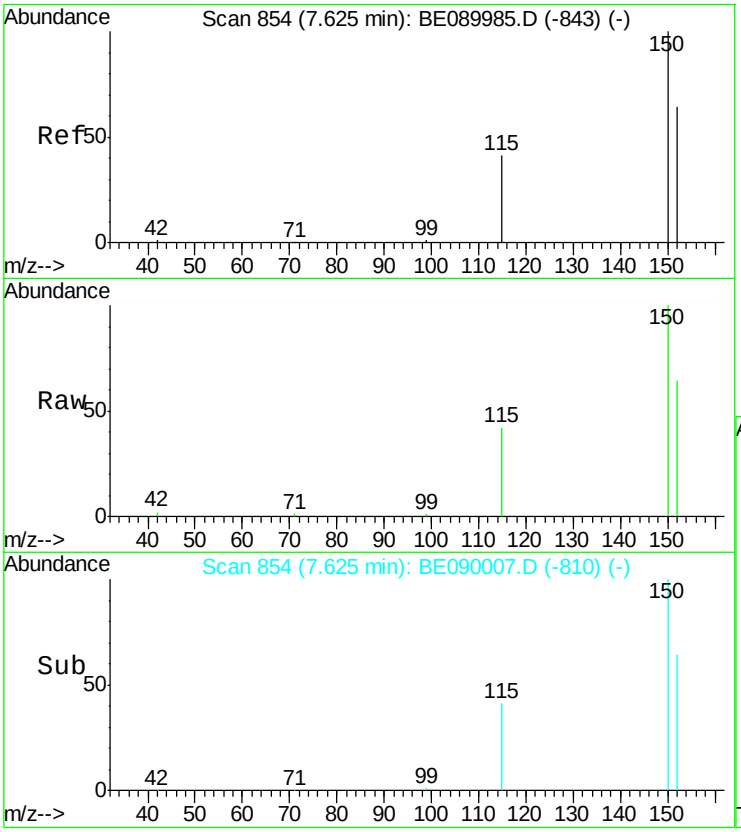
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE090007.D
Acq On : 30 Jun 2015 7:43
Operator : TP/IZ
Sample : G2810-27MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Quant Time: Jun 30 09:06:29 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



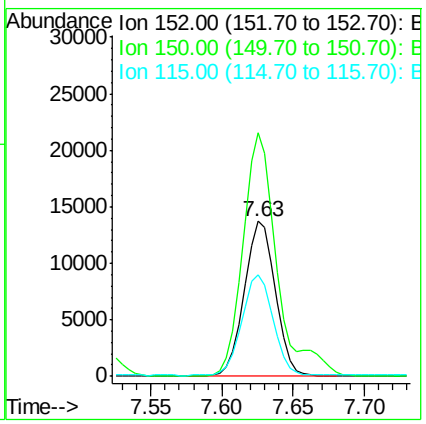


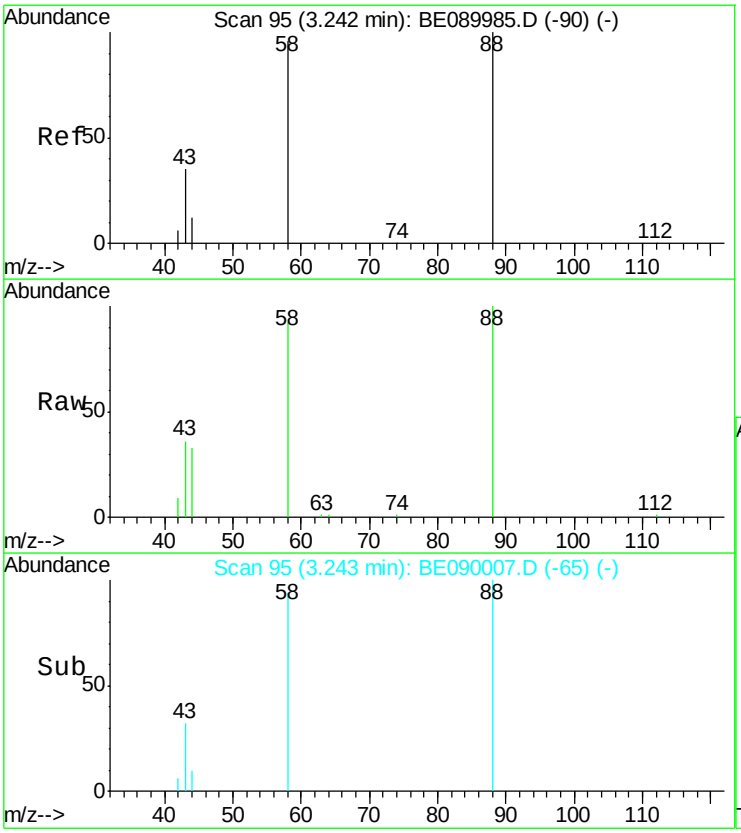
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 854
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:152 Resp: 20797

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.9	185.9
115	65.7	50.6	76.0

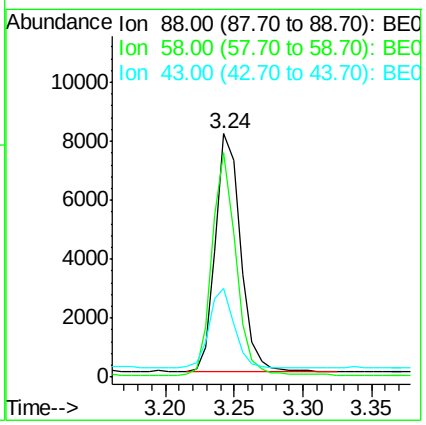


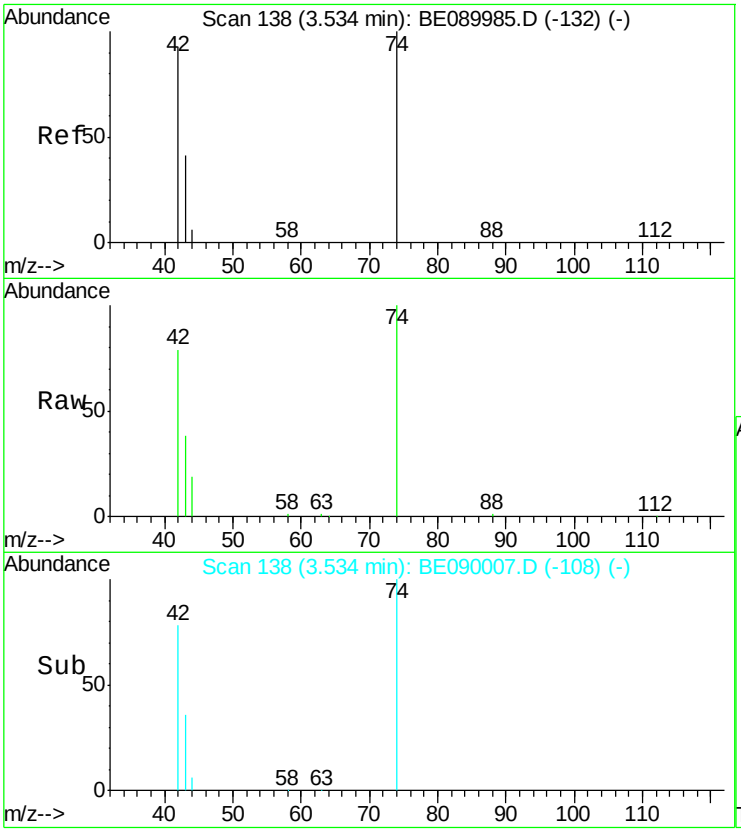


#2
1,4-Dioxane
Concen: 3.58 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion: 88 Resp: 10217

Ion	Ratio	Lower	Upper
88	100		
58	88.6	70.9	106.3
43	34.1	27.6	41.4



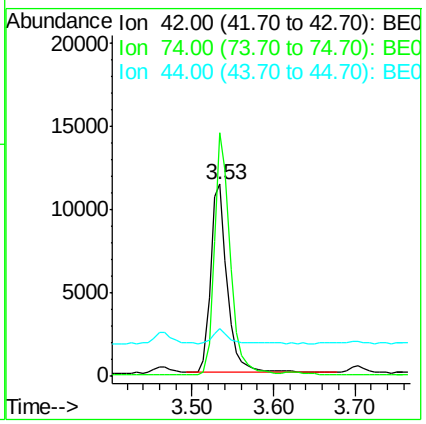


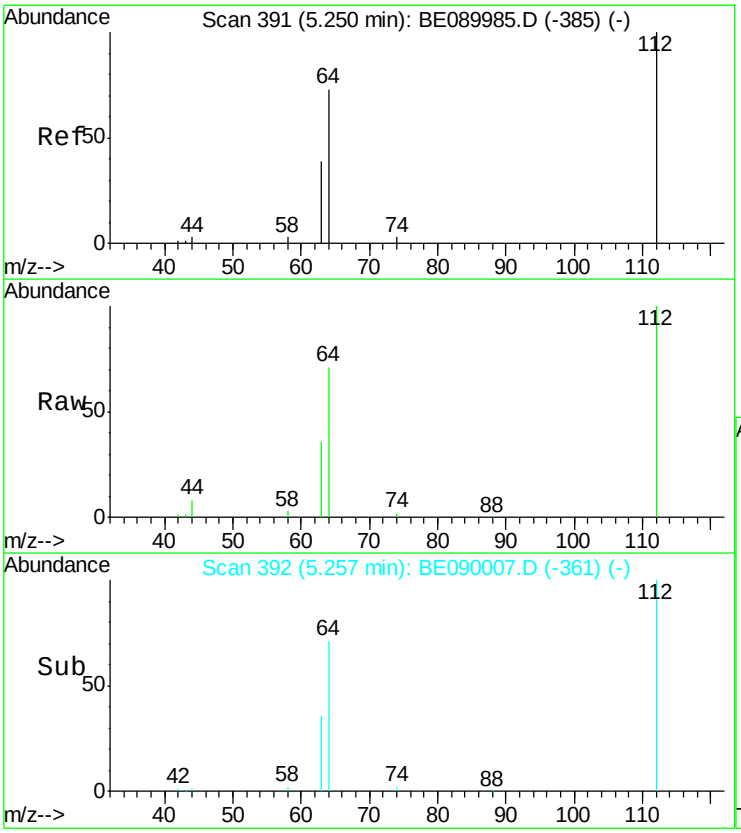
#3
n-Nitrosodimethylamine
Concen: 4.23 ng
RT: 3.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion: 42 Resp: 16360

Ion	Ratio	Lower	Upper
42	100		
74	122.0	89.4	134.2
44	6.9	6.9	10.3

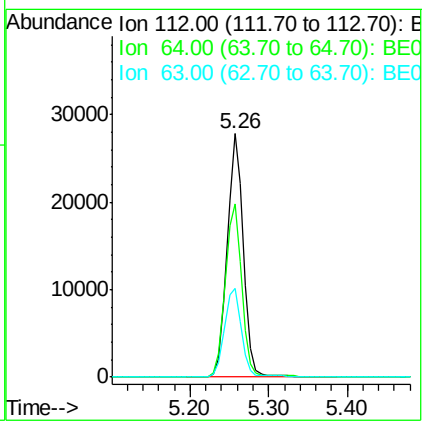


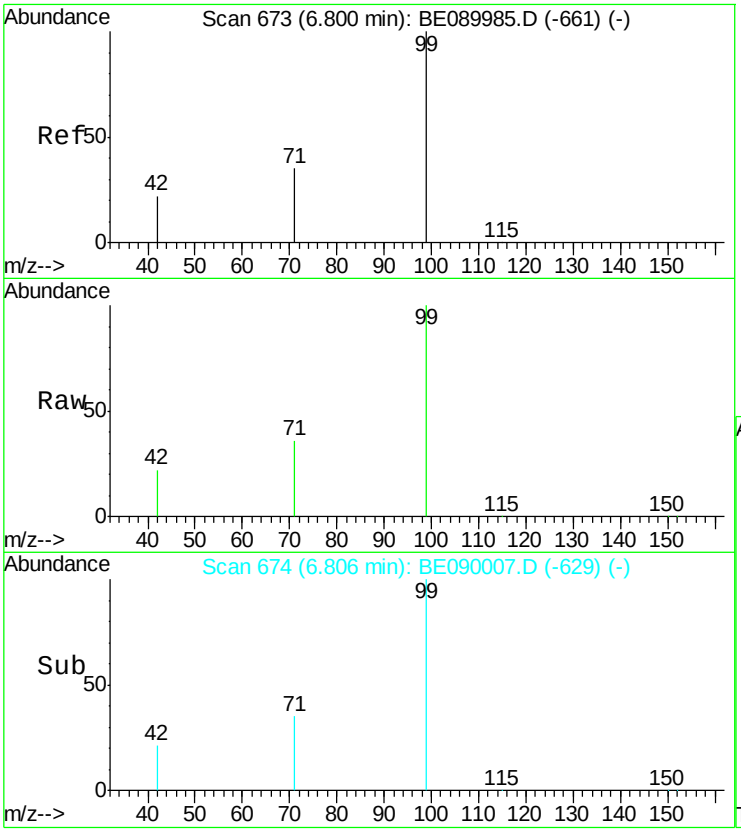


#4
2-Fluorophenol
Concen: 8.22 ng
RT: 5.26 min Scan# 392
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:112 Resp: 39268

Ion	Ratio	Lower	Upper
112	100		
64	72.2	56.3	84.5
63	37.5	29.8	44.6



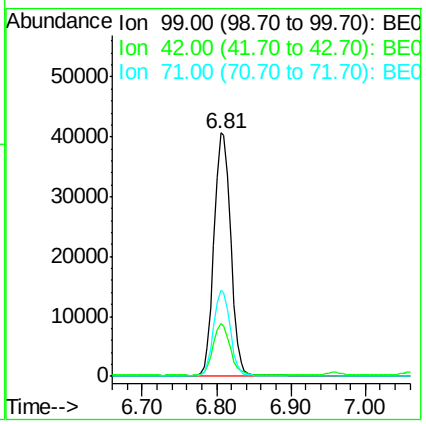


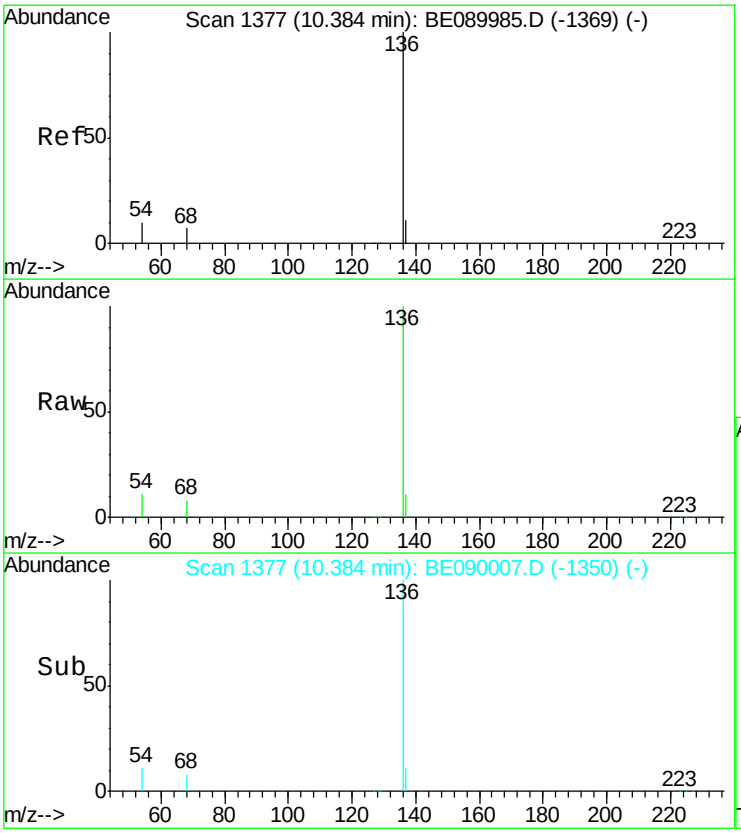
#5
Phenol-d6
Concen: 9.57 ng
RT: 6.81 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion: 99 Resp: 63987

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.7	28.1
71	34.6	27.5	41.3

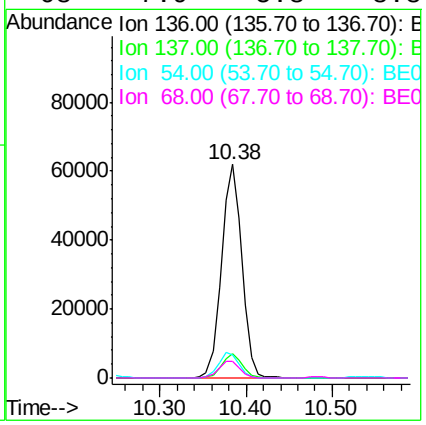


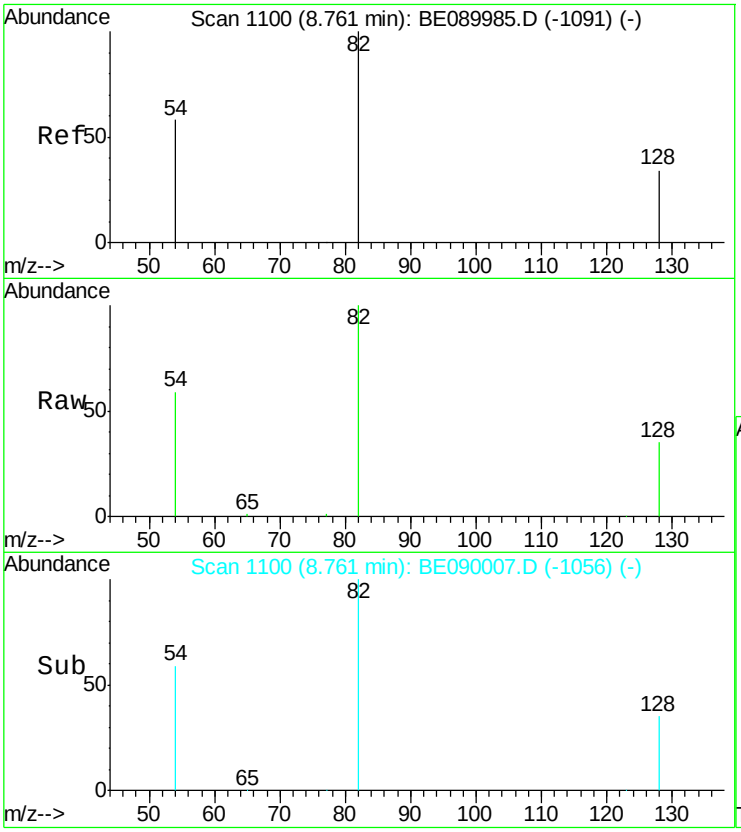


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:136 Resp: 101880

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.9	8.2	12.4
68	7.9	5.8	8.8



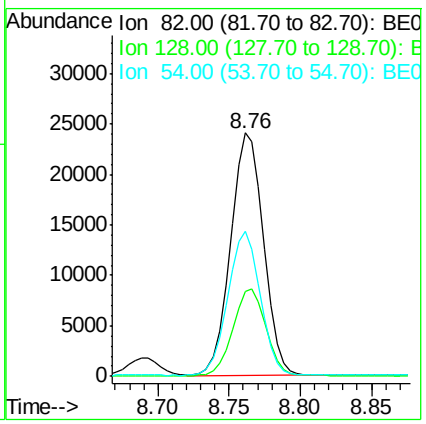


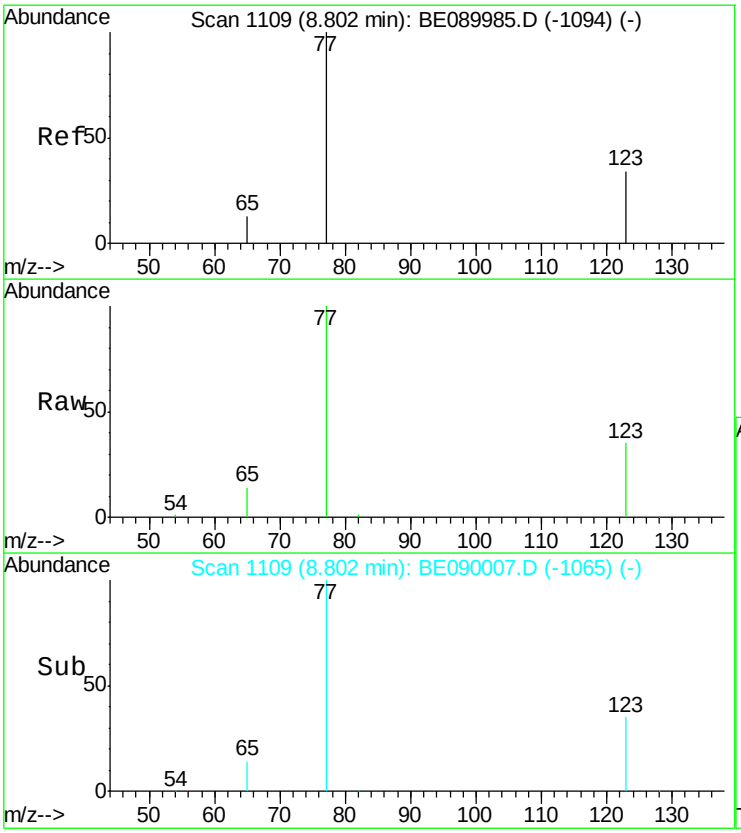
#7
Nitrobenzene-d5
Concen: 4.80 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion: 82 Resp: 38837

Ion	Ratio	Lower	Upper
82	100		
128	34.9	28.0	42.0
54	59.4	47.6	71.4

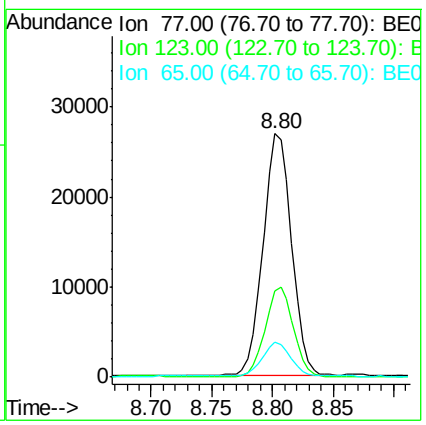


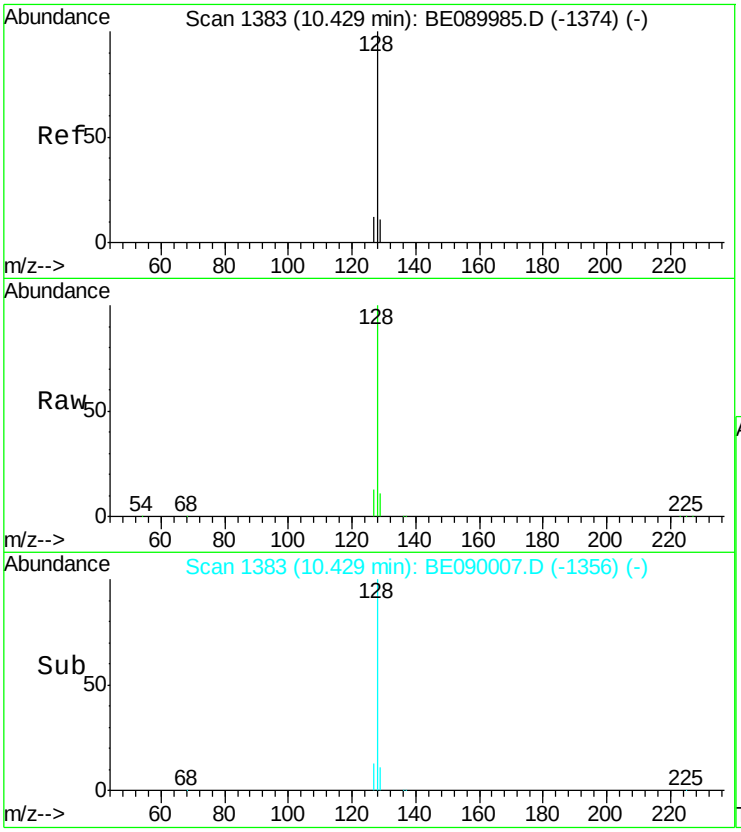


#8
Nitrobenzene
Concen: 5.05 ng
RT: 8.80 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion: 77 Resp: 43354

Ion	Ratio	Lower	Upper
77	100		
123	36.7	27.4	41.0
65	13.8	10.6	15.8



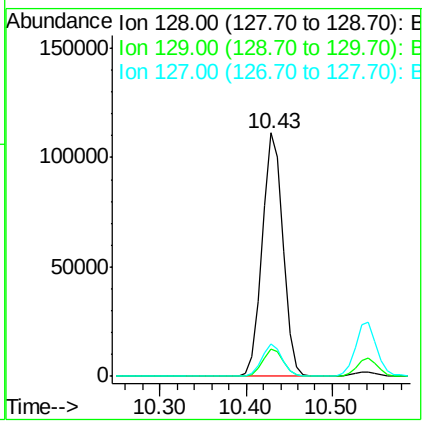


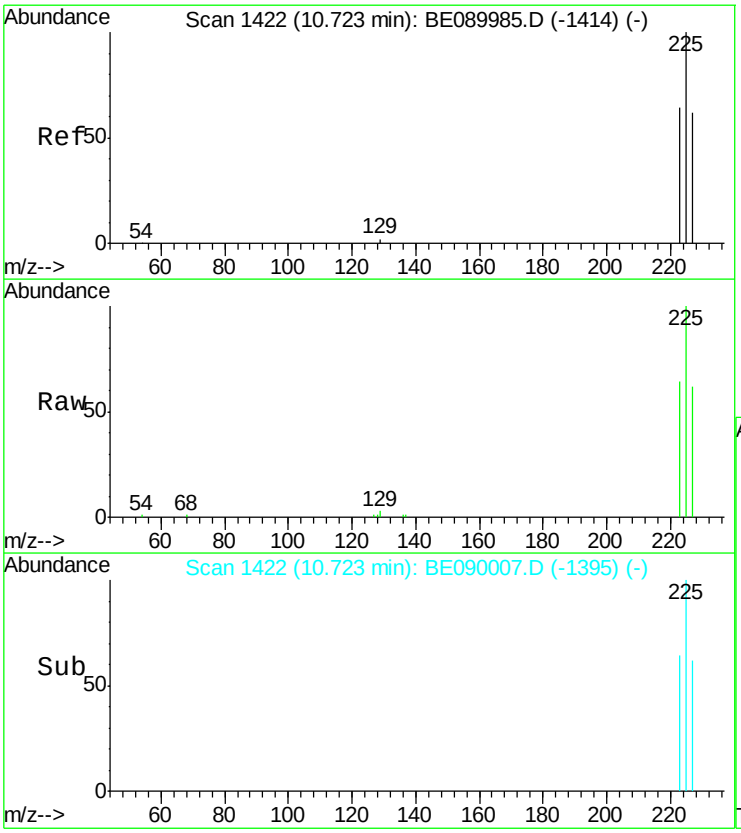
#9
Naphthalene
Concen: 8.16 ng
RT: 10.43 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:128 Resp: 187927

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.2	10.2	15.4

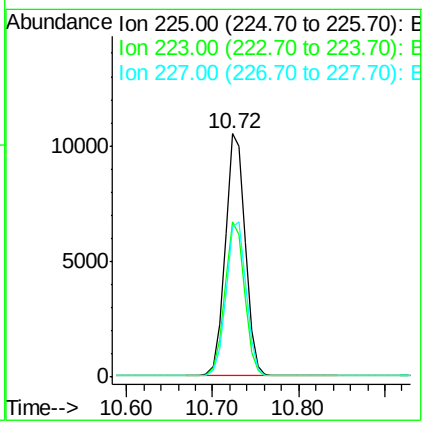


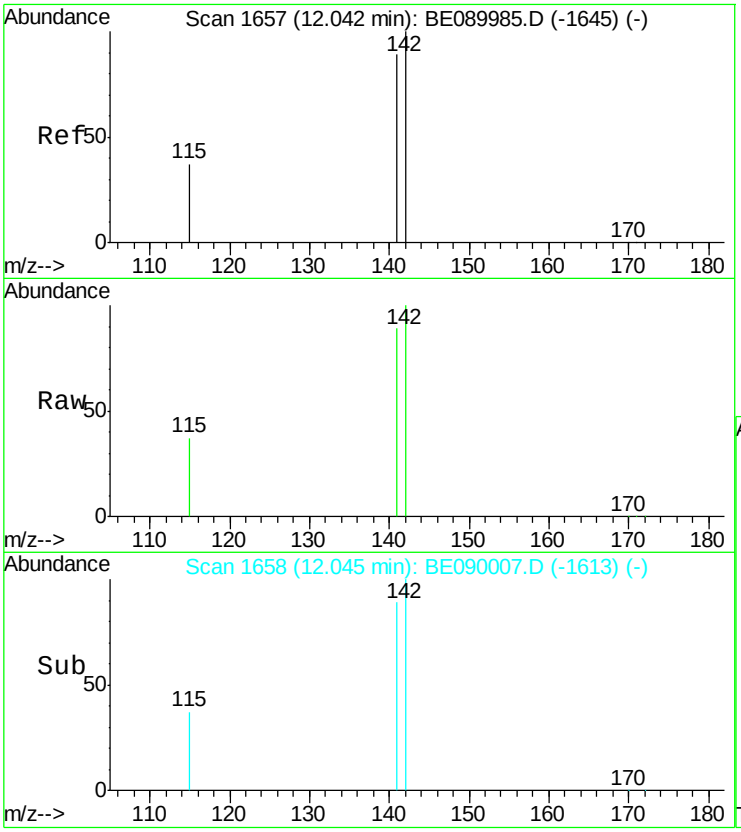


#10
Hexachlorobutadiene
Concen: 4.70 ng
RT: 10.72 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:225 Resp: 17015

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	64.0	50.9	76.3



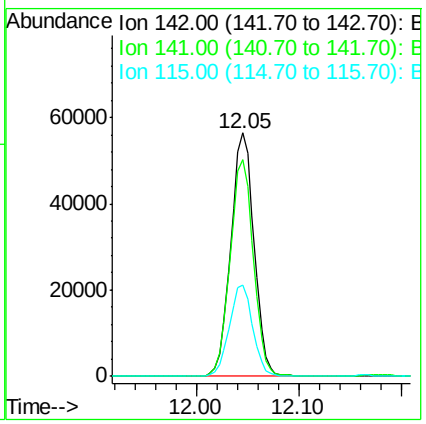


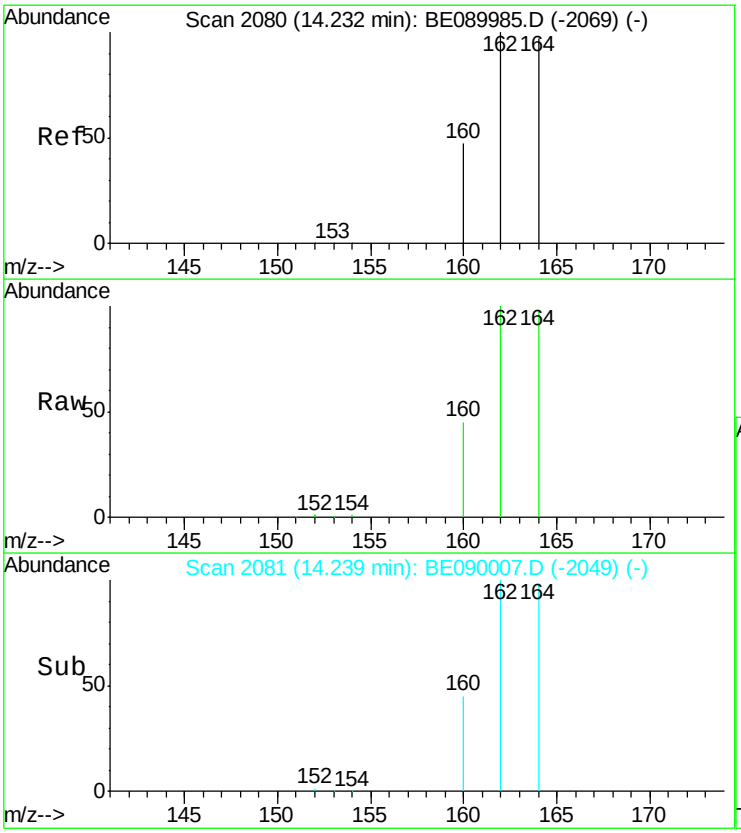
#11
2-Methylnaphthalene
Concen: 5.72 ng
RT: 12.05 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:142 Resp: 88060

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	37.5	30.4	45.6

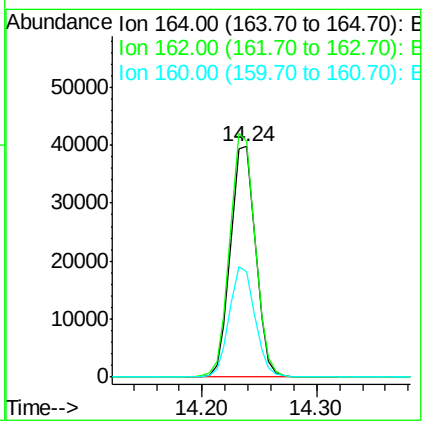


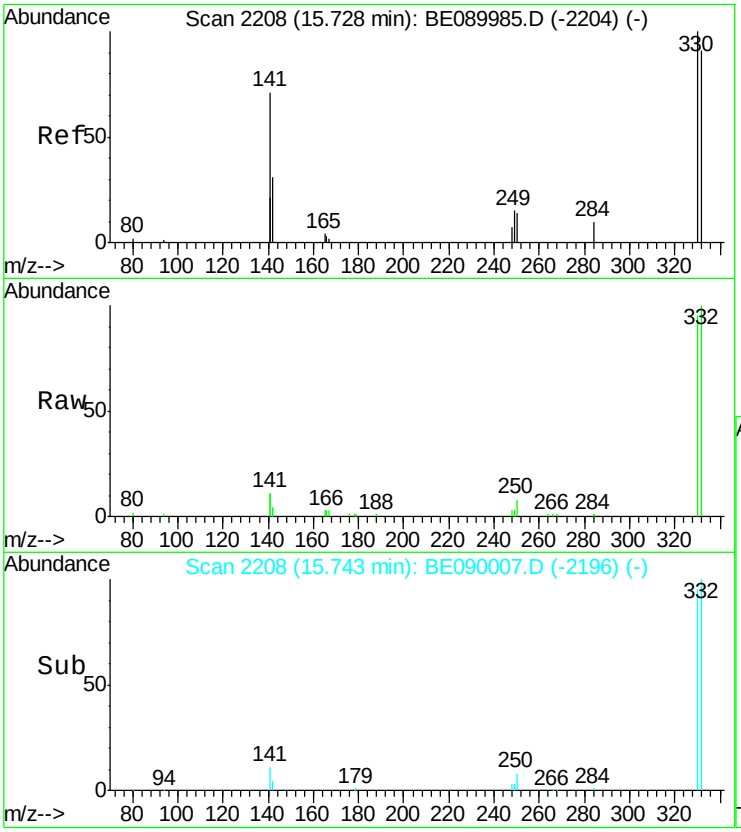


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:164 Resp: 59700

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.2	123.4
160	45.8	39.0	58.6



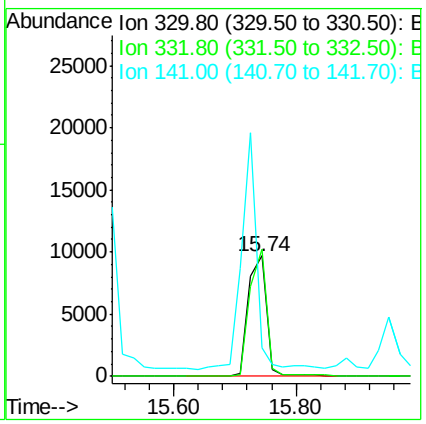


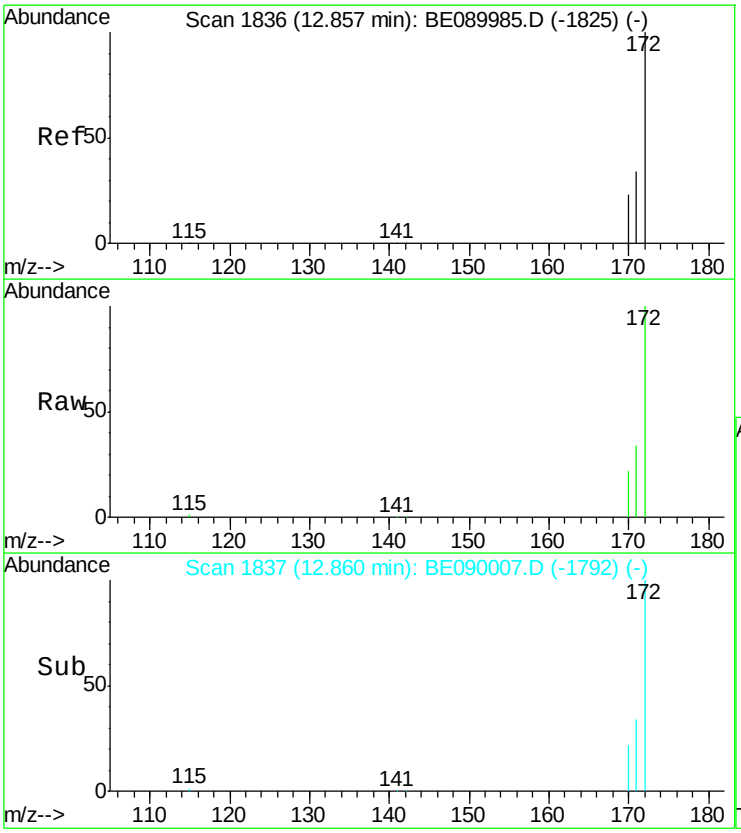
#13
2,4,6-Tribromophenol
Concen: 11.19 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:330 Resp: 19573

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.4	114.6
141	166.1	130.3	195.5

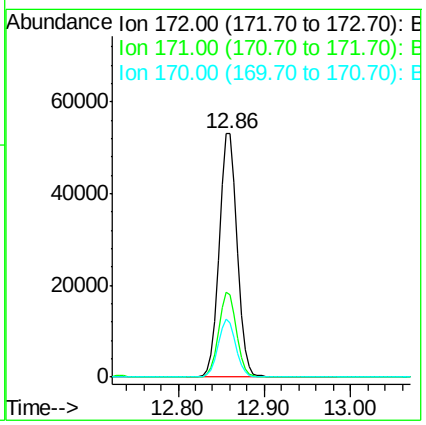


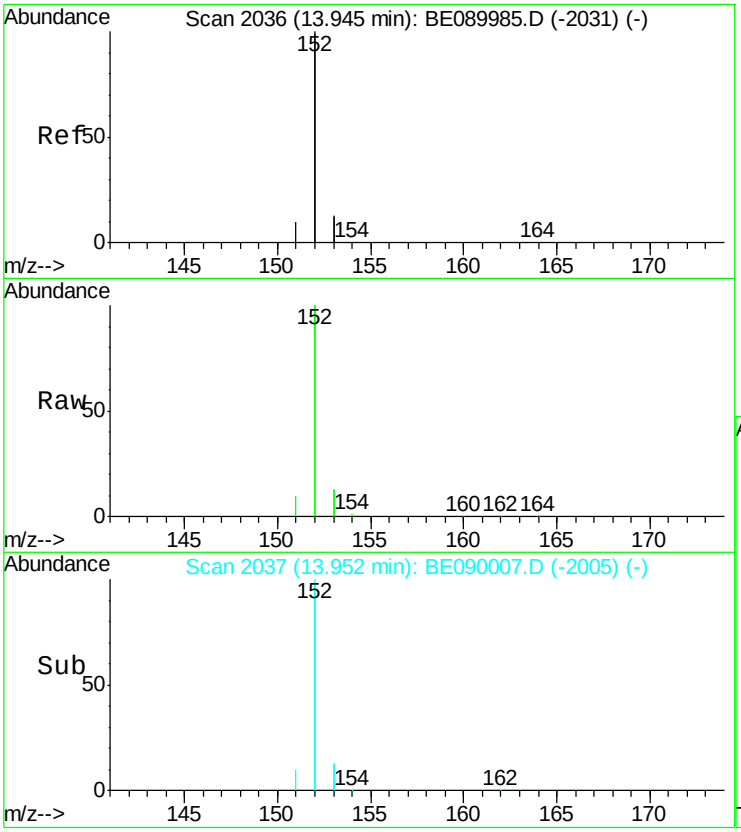


#14
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 12.86 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:172 Resp: 77967

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	22.4	18.3	27.5



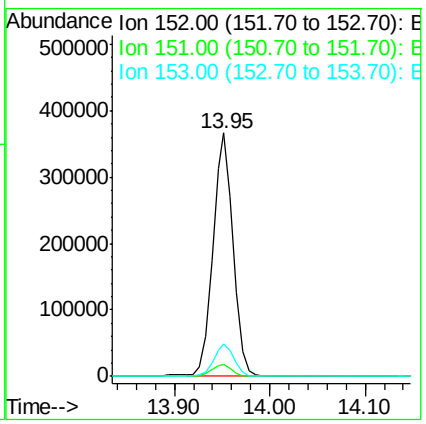


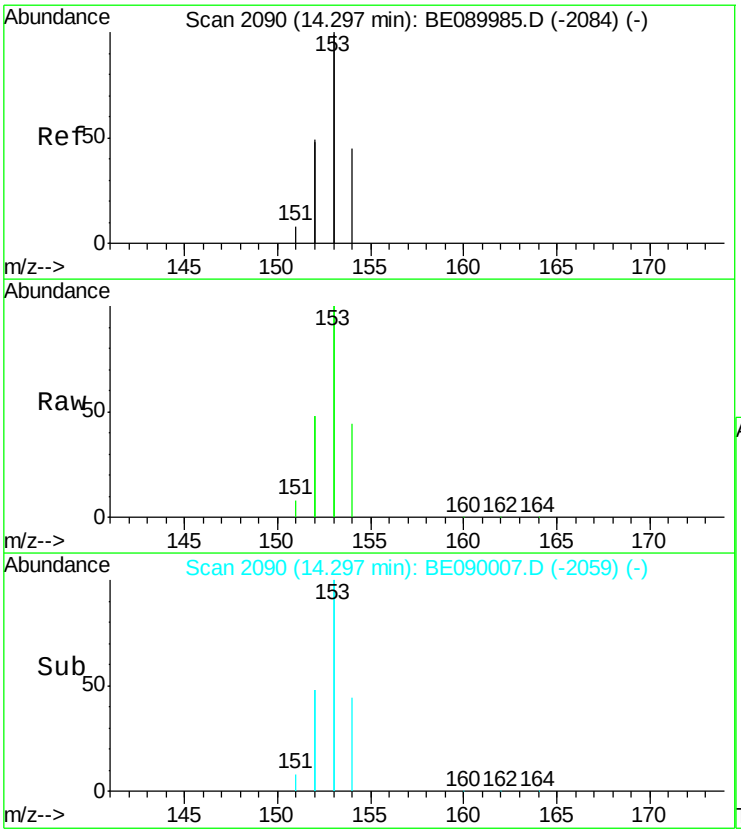
#15
Acenaphthylene
Concen: 4.98 ng
RT: 13.95 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:152 Resp: 536133

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.4	10.4	15.6

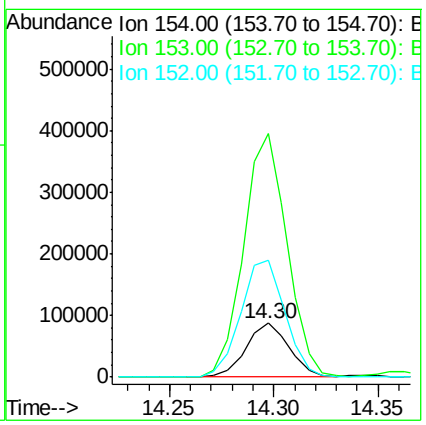


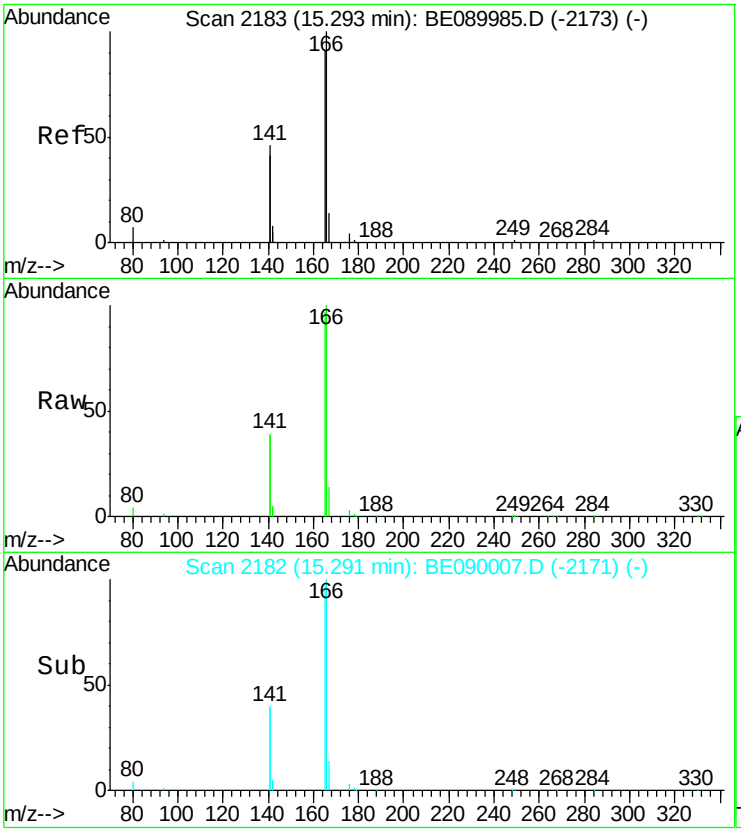


#16
Acenaphthene
Concen: 8.08 ng
RT: 14.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:154 Resp: 125345

Ion	Ratio	Lower	Upper
154	100		
153	455.1	358.6	538.0
152	224.2	189.6	284.4



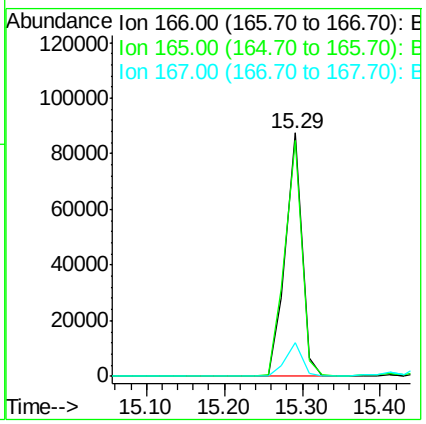


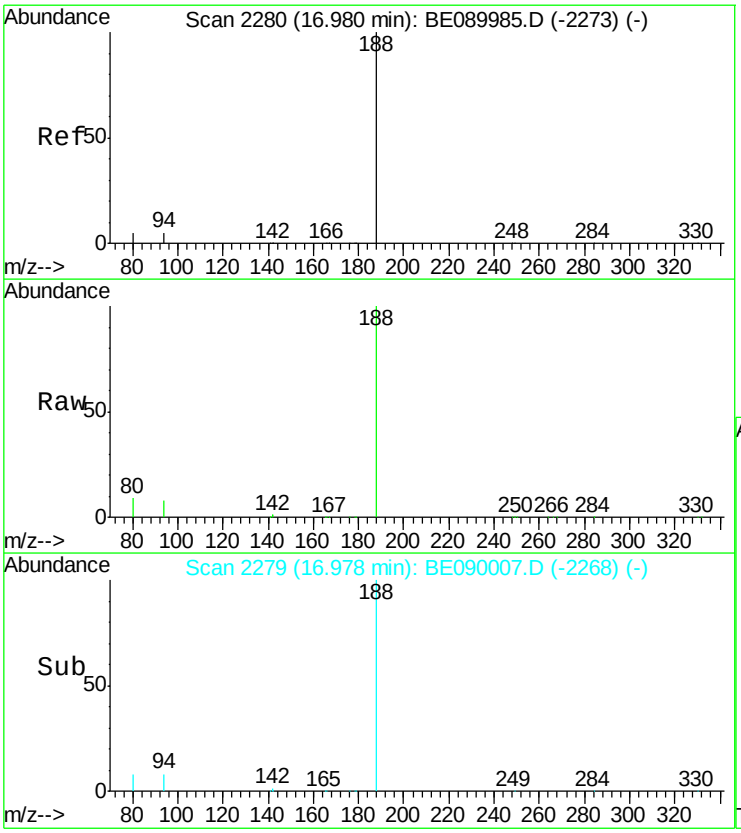
#17
Fluorene
Concen: 6.09 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:166 Resp: 128663

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.6
167	14.0	11.8	17.8

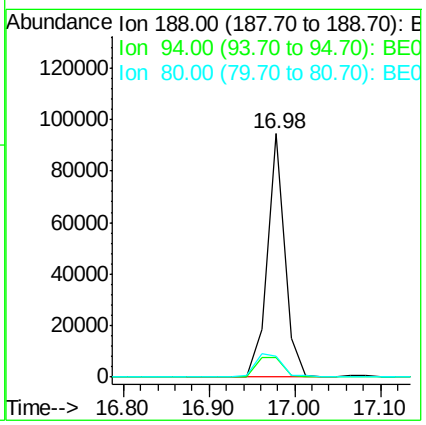


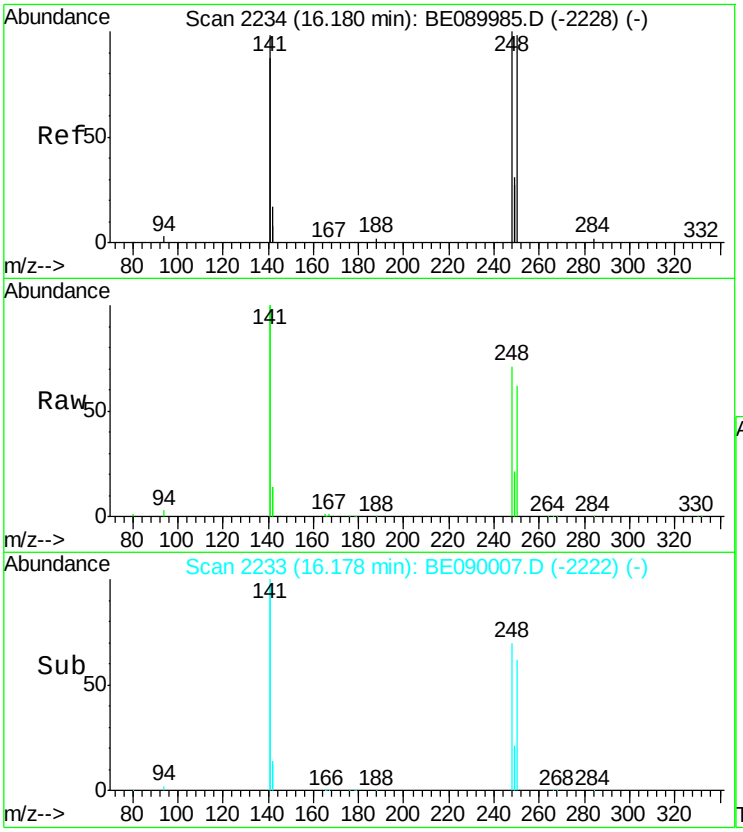


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:188 Resp: 134455

Ion	Ratio	Lower	Upper
188	100		
94	8.2	4.1	6.1#
80	8.7	4.2	6.2#



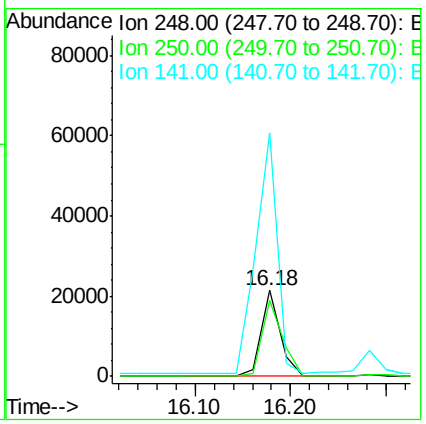


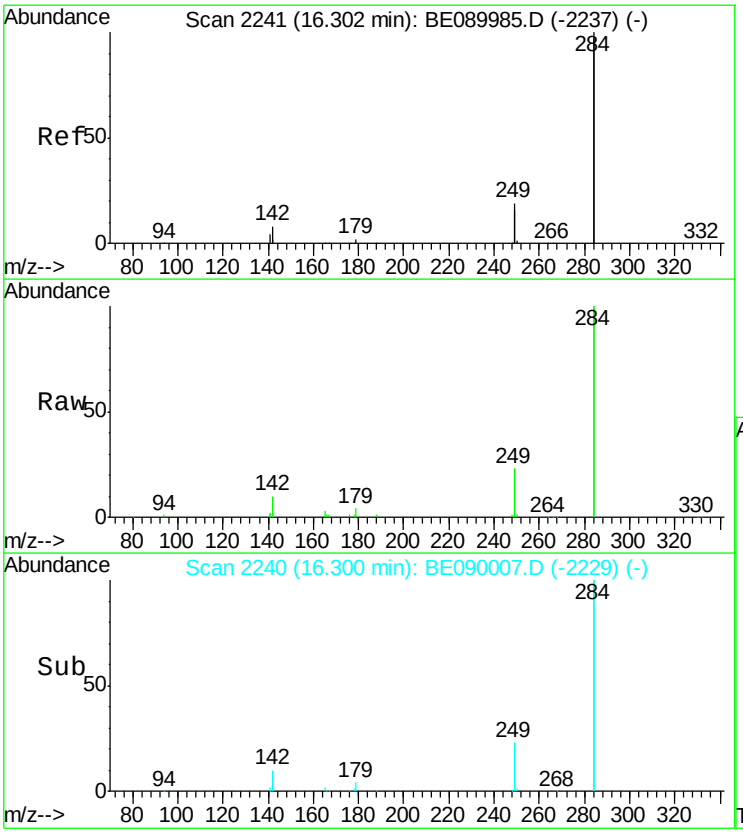
#19
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:248 Resp: 29221

Ion	Ratio	Lower	Upper
248	100		
250	96.1	78.3	117.5
141	321.3	248.1	372.1

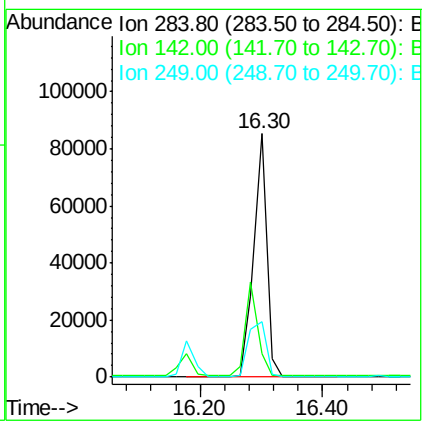


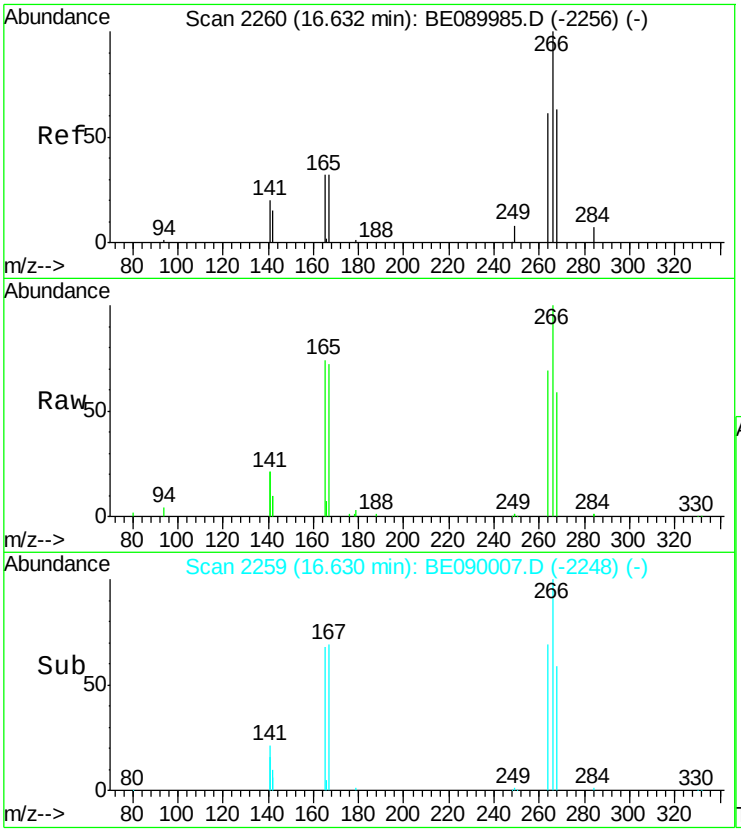


#20
Hexachlorobenzene
Concen: 5.26 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:284 Resp: 125227

Ion	Ratio	Lower	Upper
284	100		
142	37.0	32.6	49.0
249	30.6	25.5	38.3



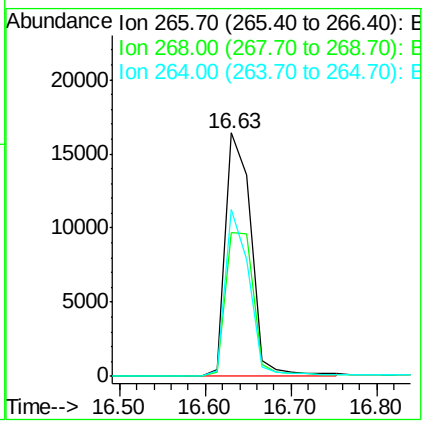


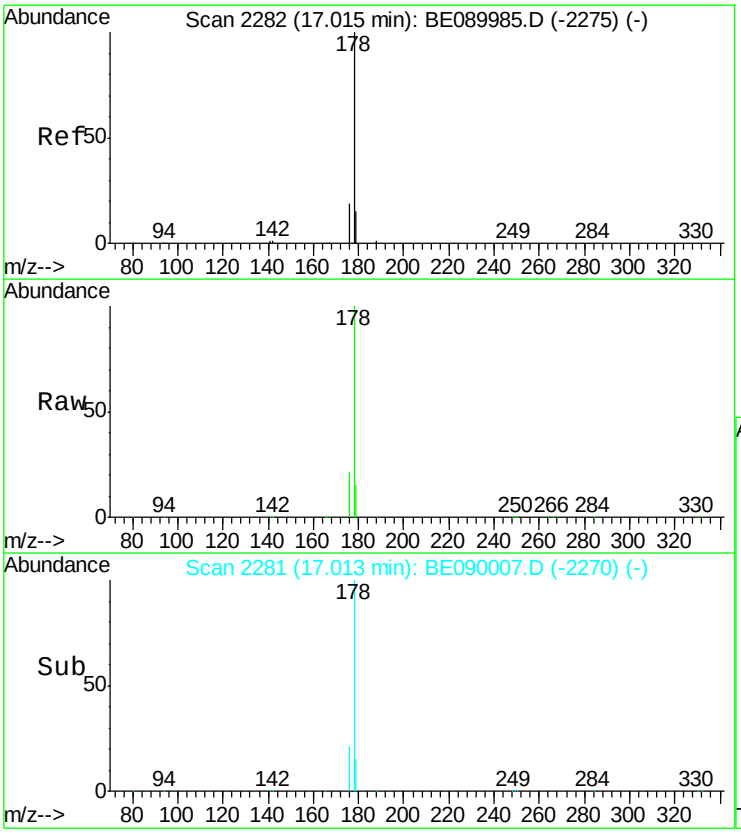
#21
Pentachlorophenol
Concen: 11.00 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:266 Resp: 33835

Ion	Ratio	Lower	Upper
266	100		
268	59.3	51.8	77.8
264	68.8	50.2	75.2

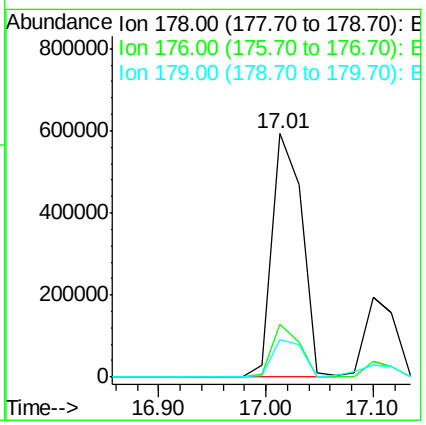


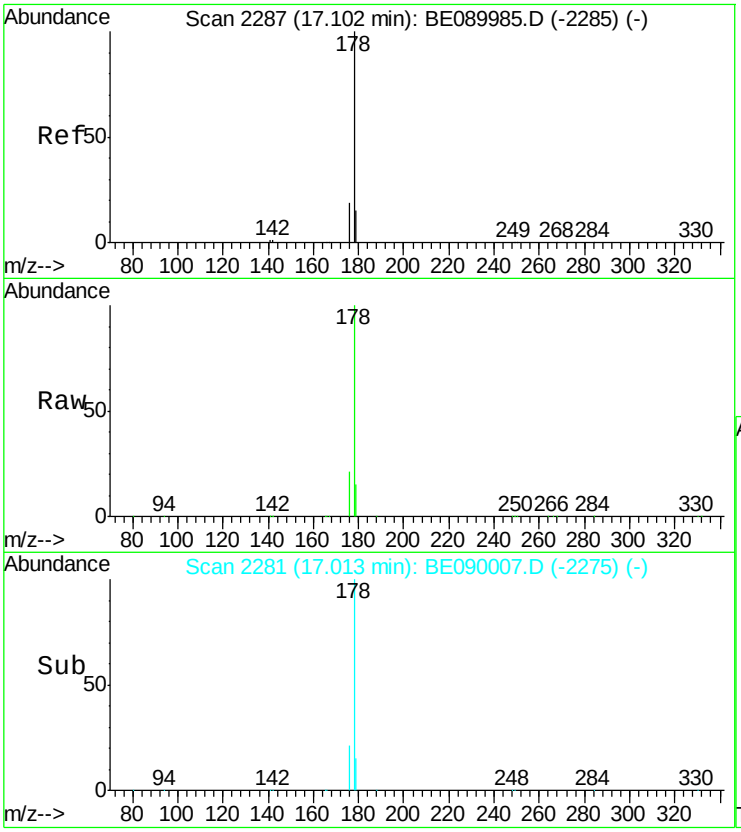


#22
Phenanthrene
Concen: 33.48 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:178 Resp: 1153291

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	16.5	12.4	18.6



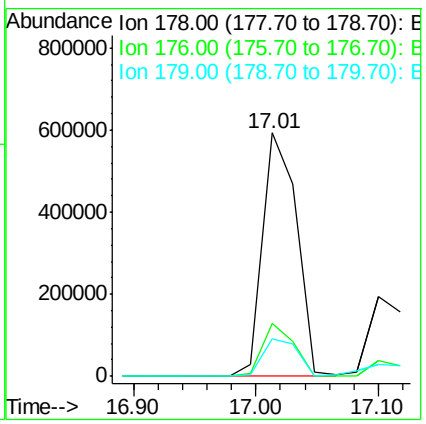


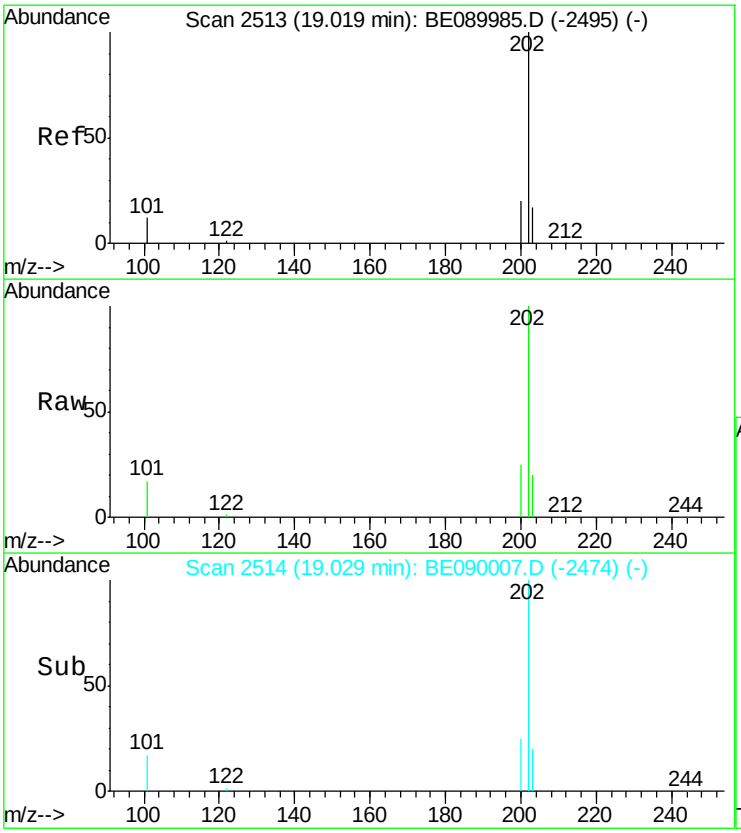
#23
Anthracene
Concen: 36.59 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.09 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:178 Resp: 1153196

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.7	22.1
179	16.5	12.1	18.1

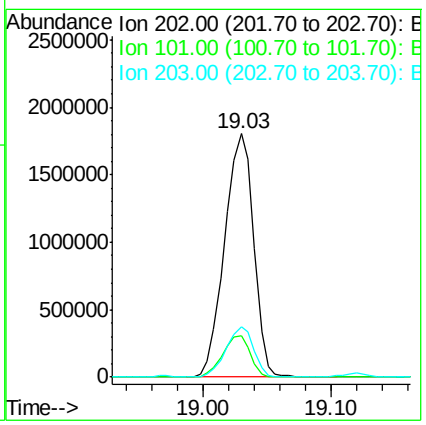


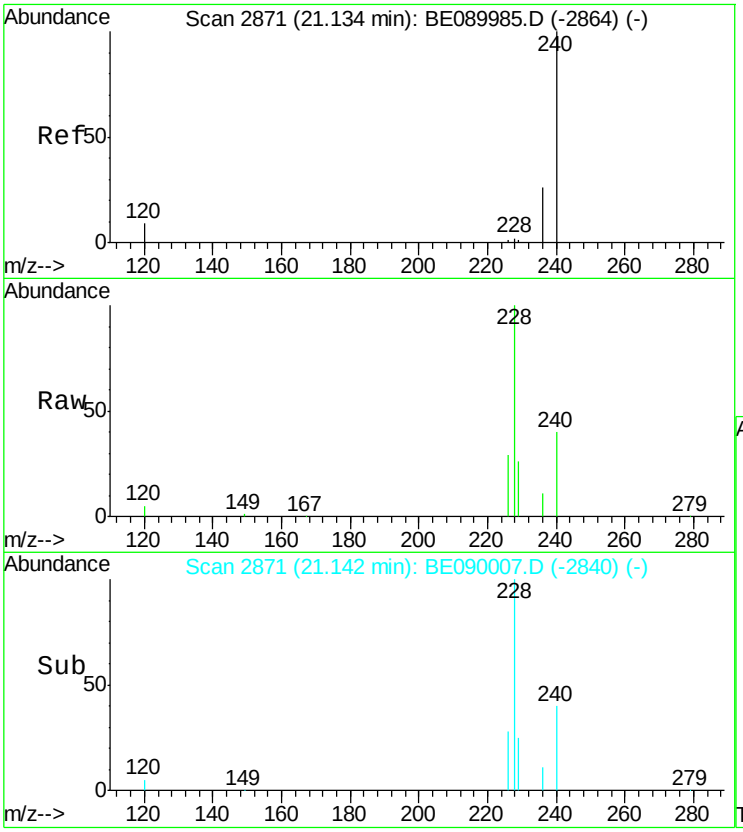


#24
Fluoranthene
Concen: 73.65 ng
RT: 19.03 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:202 Resp: 2833620

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.6	15.8#
203	19.4	13.8	20.6



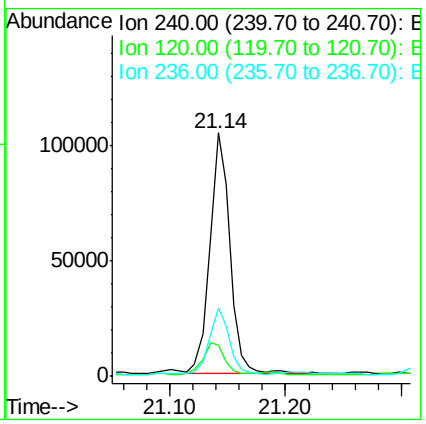


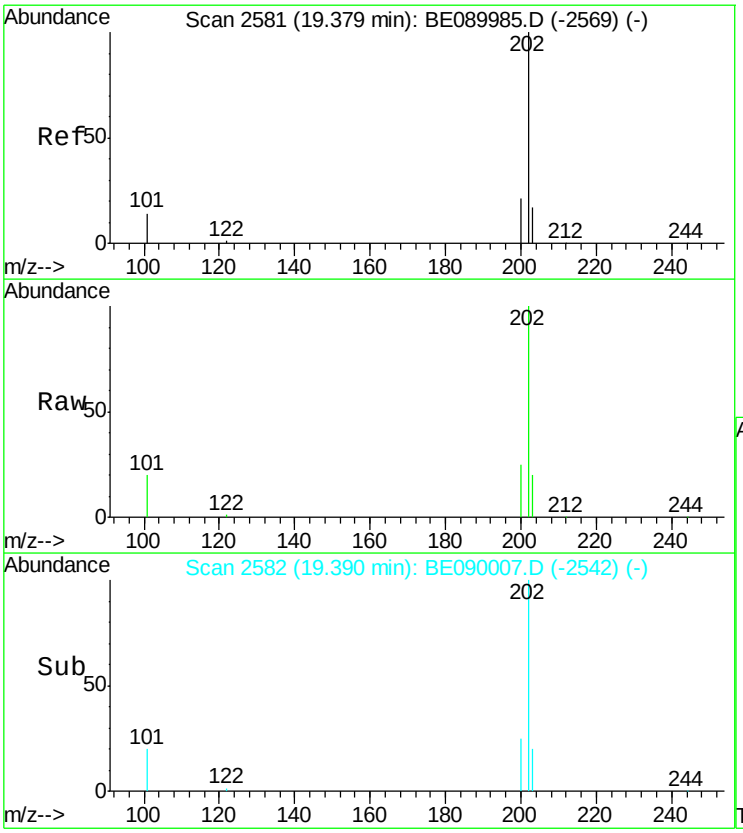
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:240 Resp: 126998

Ion	Ratio	Lower	Upper
240	100		
120	12.5	6.9	10.3#
236	28.0	20.8	31.2

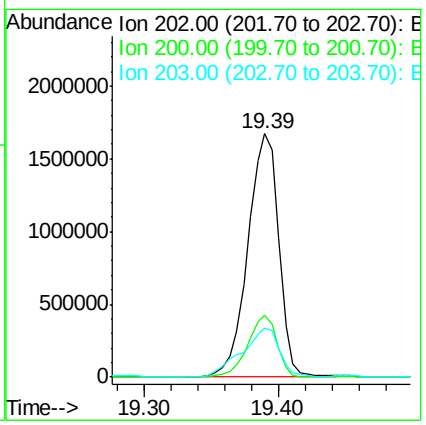


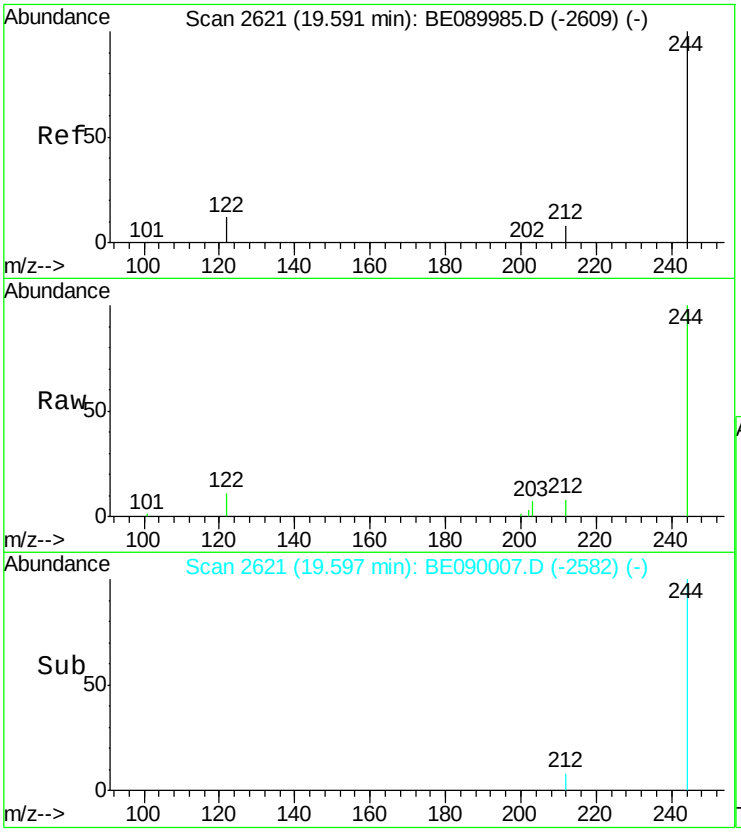


#26
Pyrene
Concen: 89.02 ng
RT: 19.39 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:202 Resp: 2694631

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.8	25.2
203	24.6	13.9	20.9#



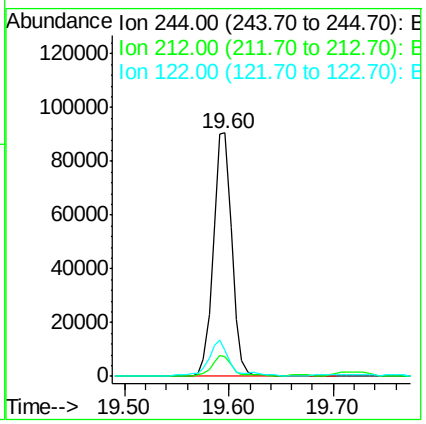


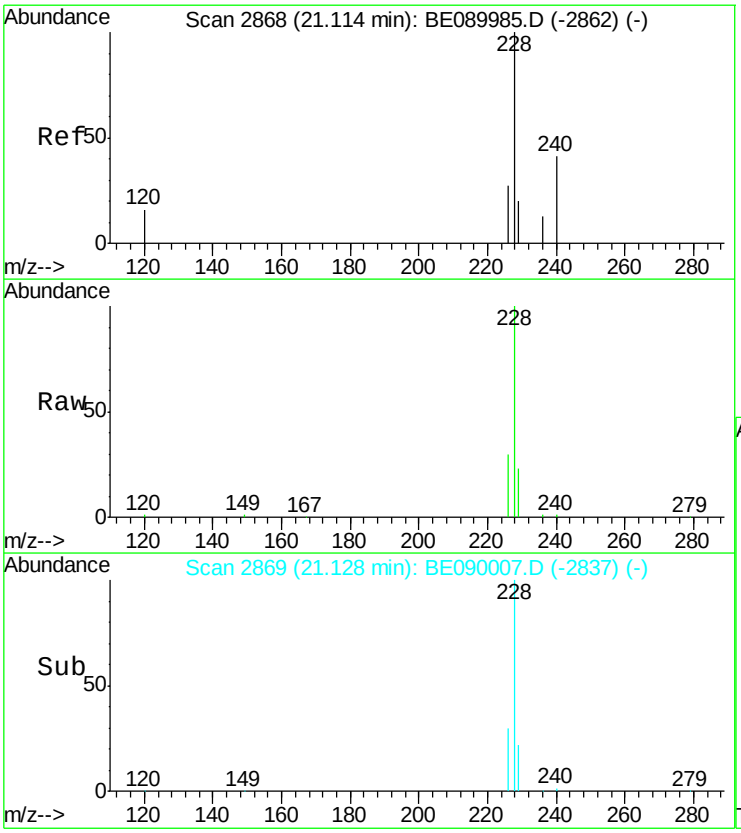
#27
Terphenyl-d14
Concen: 5.33 ng
RT: 19.60 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:244 Resp: 112789

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	10.8	9.8	14.8

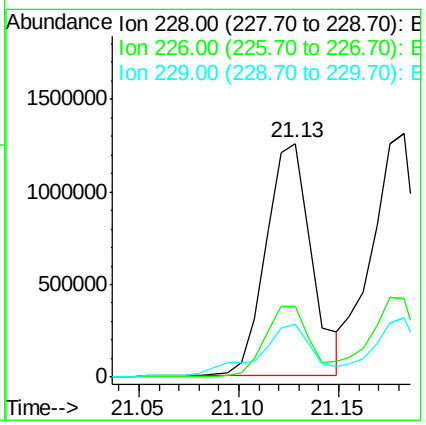


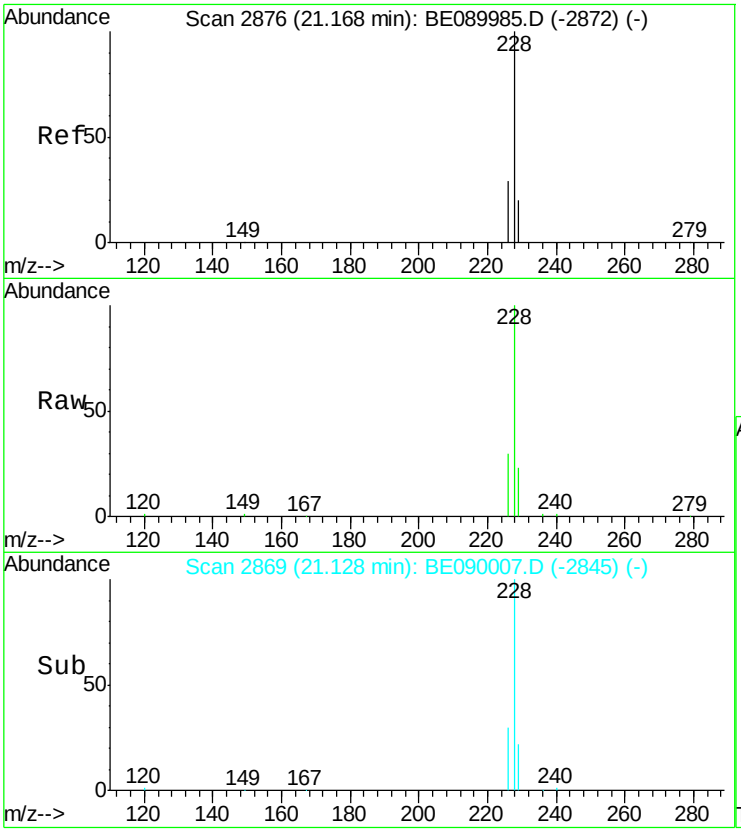


#28
Benzo(a)anthracene
Concen: 62.68 ng
RT: 21.13 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:228 Resp: 1988015

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.8	32.6
229	22.6	15.8	23.6



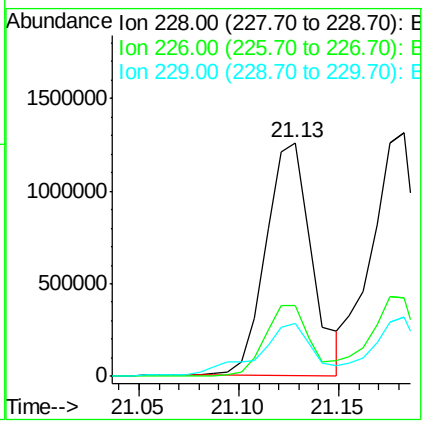


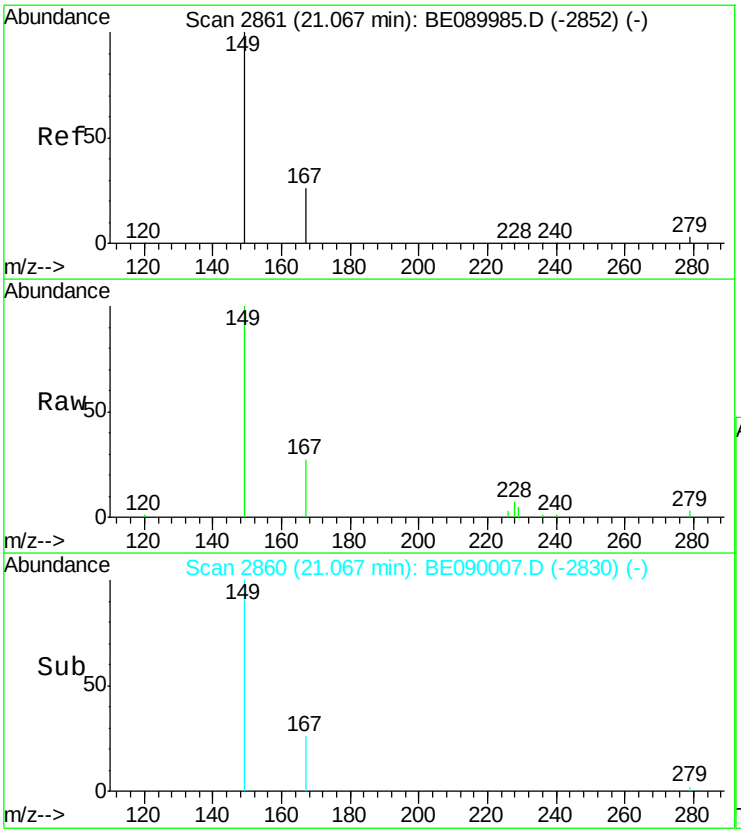
#29
Chrysene
Concen: 60.40 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.04 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:228 Resp: 1988992

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.6	16.2	24.2

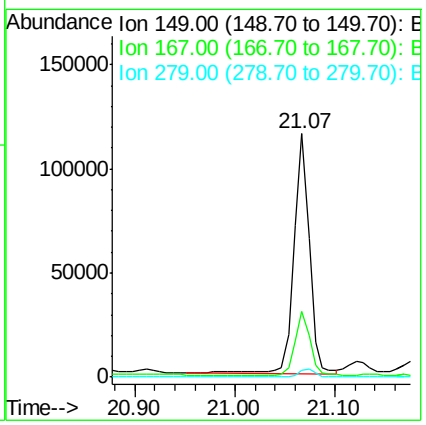


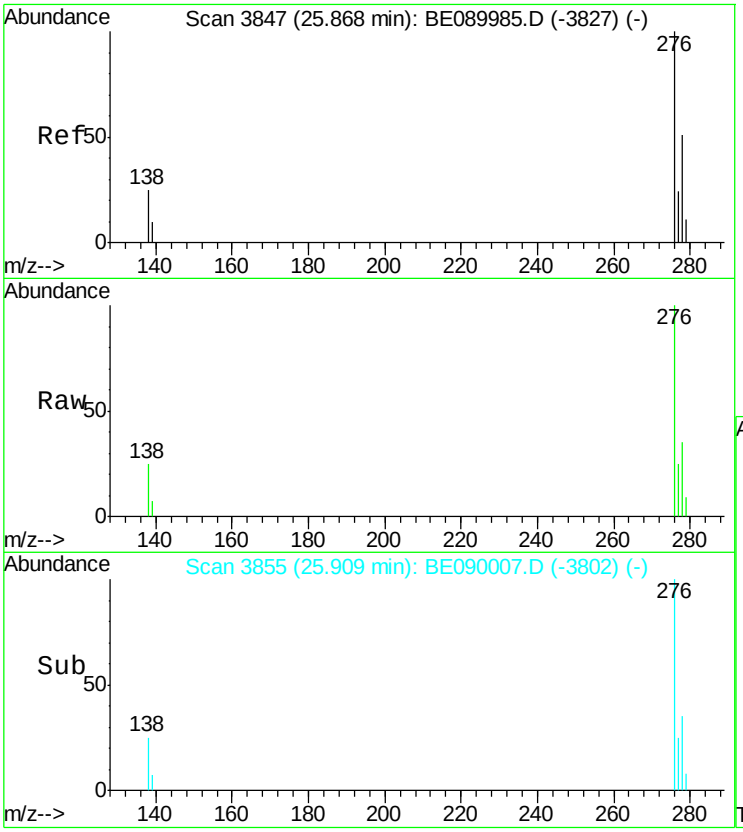


#30
Bis(2-ethylhexyl)phthalate
Concen: 8.30 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:149 Resp: 124223

Ion	Ratio	Lower	Upper
149	100		
167	24.9	20.3	30.5
279	3.3	2.6	3.8



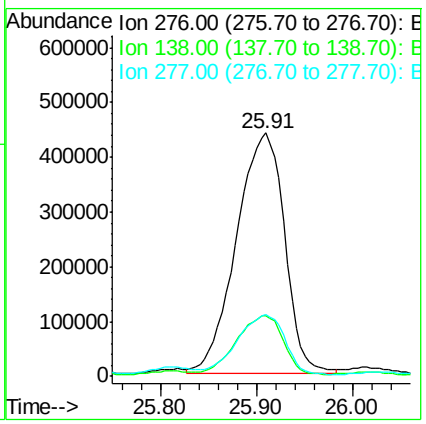


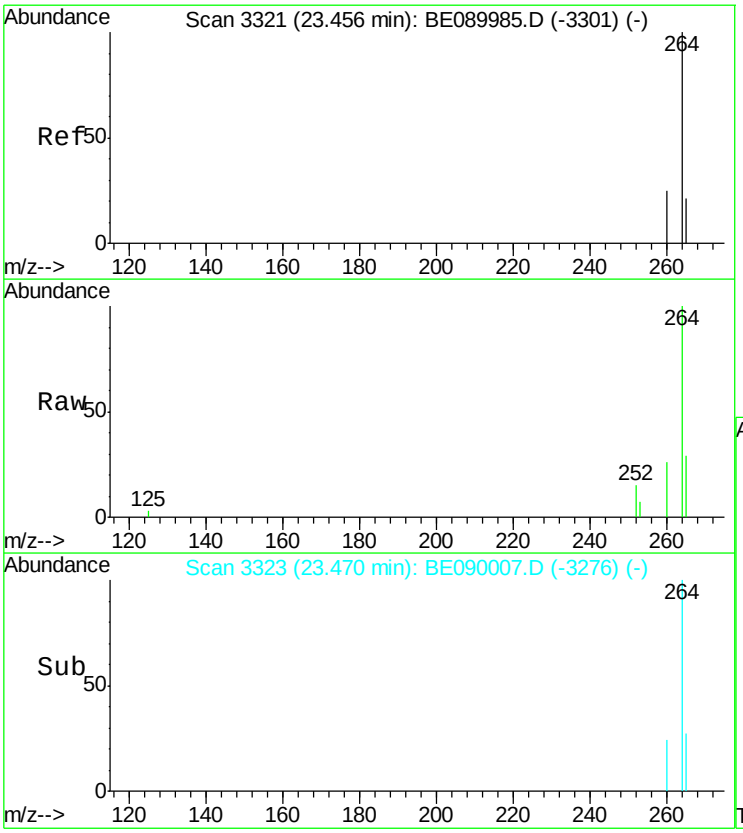
#31
Indeno(1,2,3-cd)pyrene
Concen: 48.25 ng
RT: 25.91 min Scan# 3855
Delta R.T. 0.04 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:276 Resp: 1523416

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.3	31.9
277	24.3	19.7	29.5

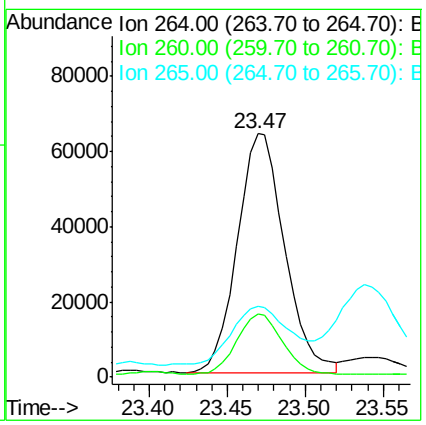


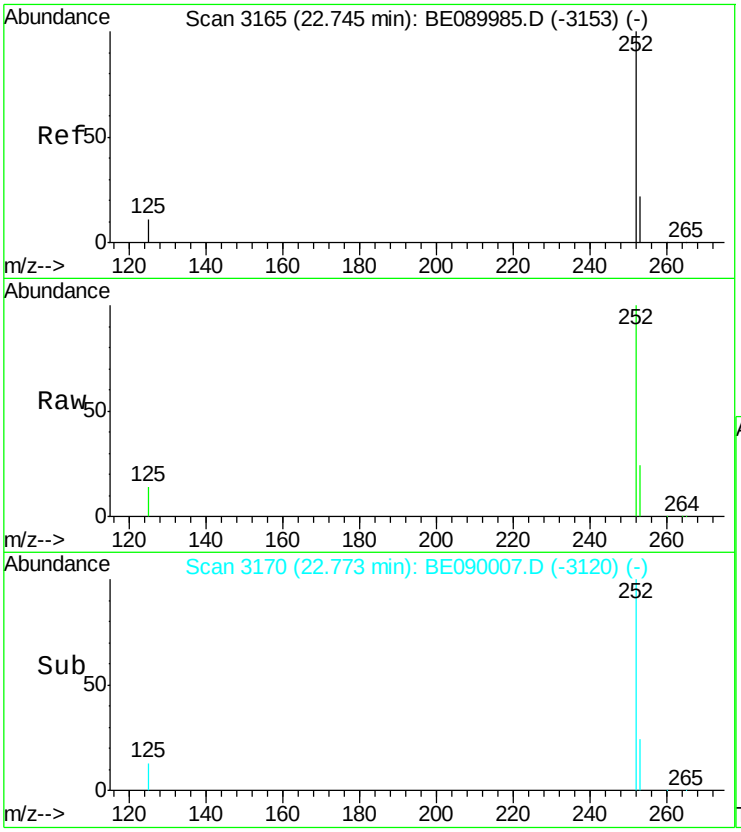


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. 0.01 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:264 Resp: 134059

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.2	30.2
265	29.1	17.1	25.7#



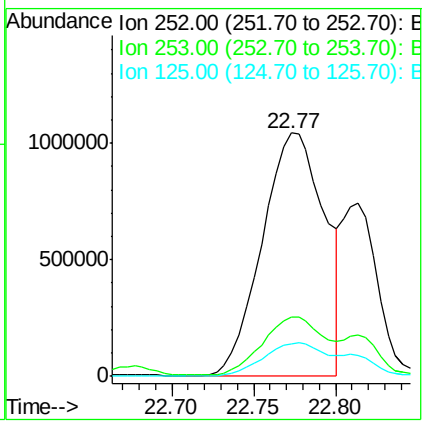


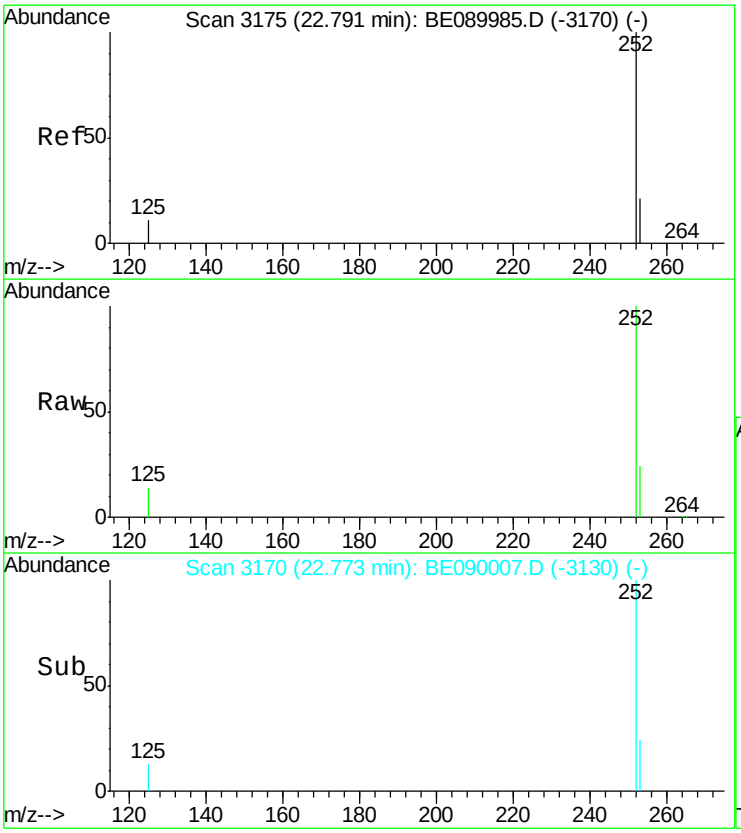
#33
Benzo(b)fluoranthene
Concen: 93.22 ng
RT: 22.77 min Scan# 3170
Delta R.T. 0.03 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:252 Resp: 2756960

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	13.5	9.0	13.4#

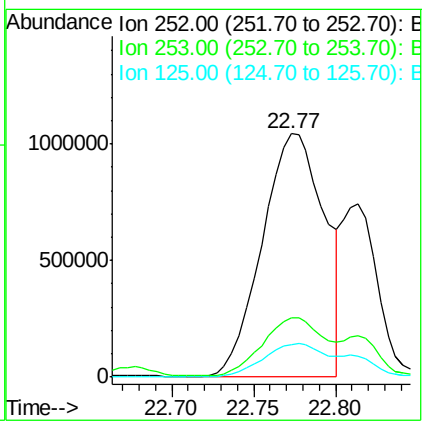


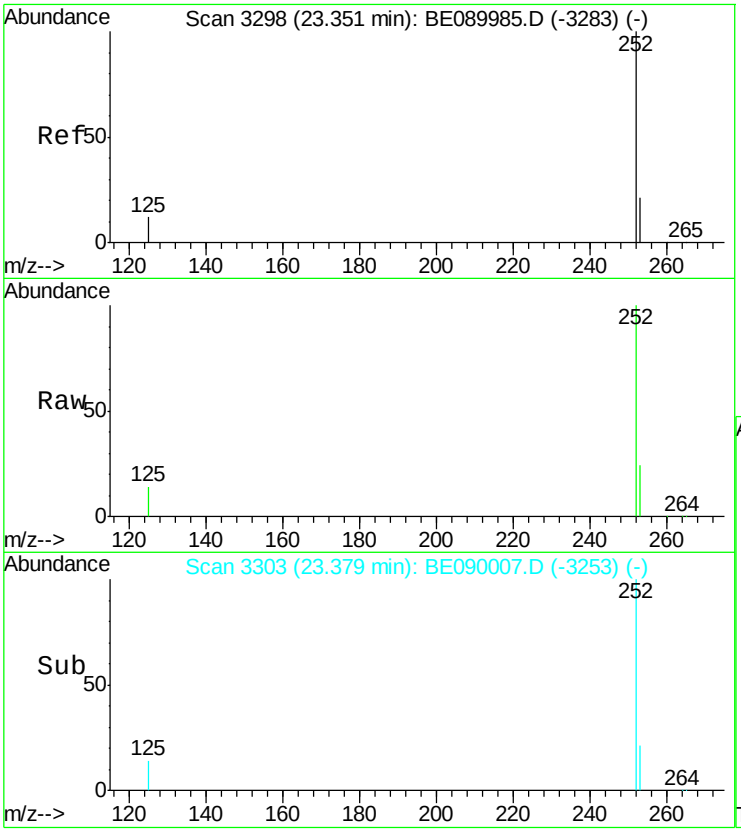


#34
Benzo(k)fluoranthene
Concen: 83.44 ng
RT: 22.77 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:252 Resp: 2756960

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	13.5	9.5	14.3



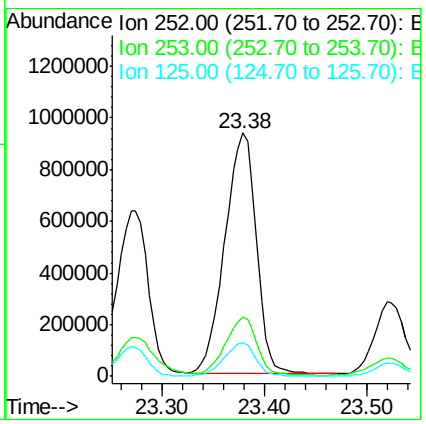


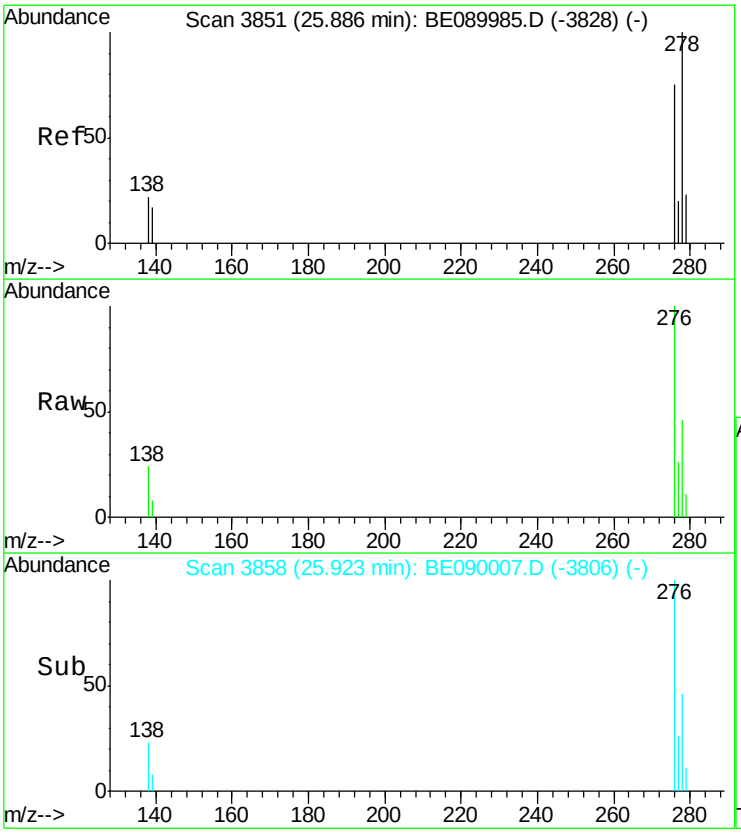
#35
Benzo(a)pyrene
Concen: 72.78 ng
RT: 23.38 min Scan# 3303
Delta R.T. 0.03 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:252 Resp: 1987758

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	13.9	10.5	15.7

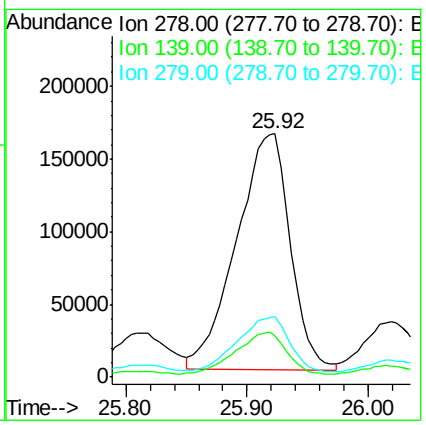


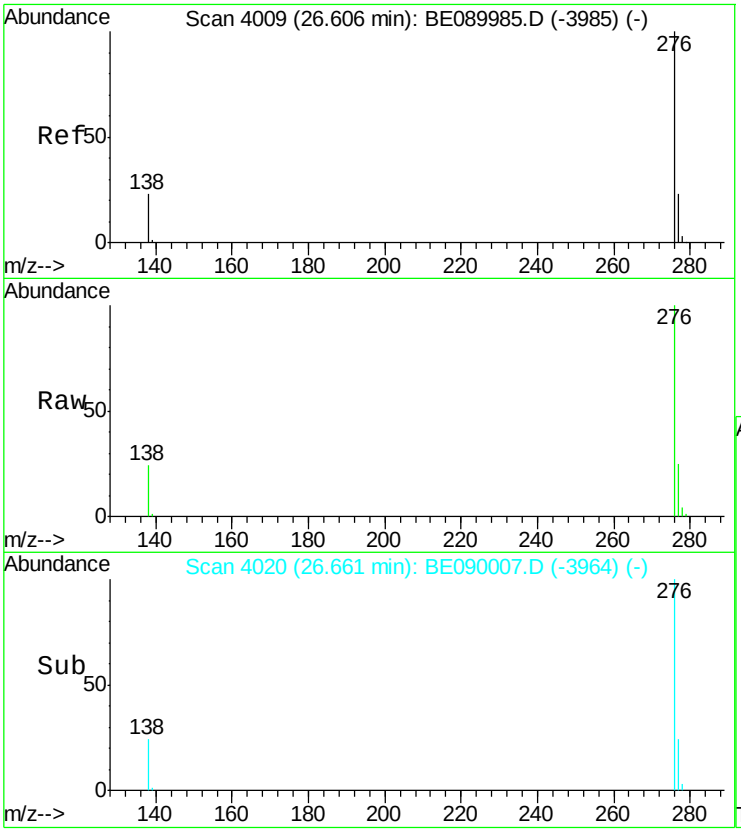


#36
Dibenzo(a,h)anthracene
Concen: 17.77 ng
RT: 25.92 min Scan# 3858
Delta R.T. 0.04 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Tgt Ion:278 Resp: 498295

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.4	21.6
279	24.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 52.78 ng
RT: 26.66 min Scan# 4020
Delta R.T. 0.06 min
Lab File: BE090007.D
Acq: 30 Jun 2015 7:43

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625MS

Tgt Ion:276 Resp: 1500206

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	24.1	18.6	27.8