Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
Data File : BE090610.D
Acq On : 25 Aug 2015 12:23
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 26 03:25:40 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	22391	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	102359	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	59587	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	153590	5.00	ng		0.00
25) Chrysene-d12	21.09	240	179494	5.00	ng		0.00
32) Perylene-d12	23.39	264	159693	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	4946	0.76	ng		0.00
5) Phenol-d6	6.78	99	6894	0.72	ng		0.00
7) Nitrobenzene-d5	8.73	82	7581	0.93	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1908	0.83	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	16755	0.94	ng		0.00
27) Terphenyl-d14	19.55	244	29348	0.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3576	1.35	ng		88
3) n-Nitrosodimethylamine	3.48	42	3948	1.02	ng	#	81
8) Nitrobenzene	8.77	77	7601	0.90	ng		99
9) Naphthalene	10.38	128	22835	0.98	ng		98
10) Hexachlorobutadiene	10.67	225	3492	1.02	ng		100
11) 2-Methylnaphthalene	12.01	142	14396	0.95	ng		96
15) Acenaphthylene	13.91	152	102330	0.94	ng		100
16) Acenaphthene	14.25	154	15793	0.96	ng		82
17) Fluorene	15.26	166	21082	1.05	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5548	0.88	ng	#	73
20) Hexachlorobenzene	16.25	284	27177	0.98	ng		96
21) Pentachlorophenol	16.61	266	1773	0.80	ng		95
22) Phenanthrene	16.98	178	38313	0.95	ng		99
23) Anthracene	17.07	178	35129	0.95	ng		100
24) Fluoranthene	18.98	202	43671	1.02	ng		99
26) Pyrene	19.34	202	46200	0.90	ng		100
28) Benzo(a)anthracene	21.08	228	44325	0.94	ng		99
29) Chrysene	21.13	228	47946	0.99	ng		99
30) Bis(2-ethylhexyl)phthalate	21.02	149	16159	0.70	ng		99
31) Indeno(1,2,3-cd)pyrene	25.78	276	40645	0.89	ng	#	92
33) Benzo(b)fluoranthene	22.69	252	37366	0.99	ng		98
34) Benzo(k)fluoranthene	22.74	252	42627	0.99	ng		98
35) Benzo(a)pyrene	23.29	252	33586	0.95	ng	#	97
36) Dibenzo(a,h)anthracene	25.80	278	30714	0.90	ng		96
37) Benzo(g,h,i)perylene	26.51	276	34661	0.93	ng		96

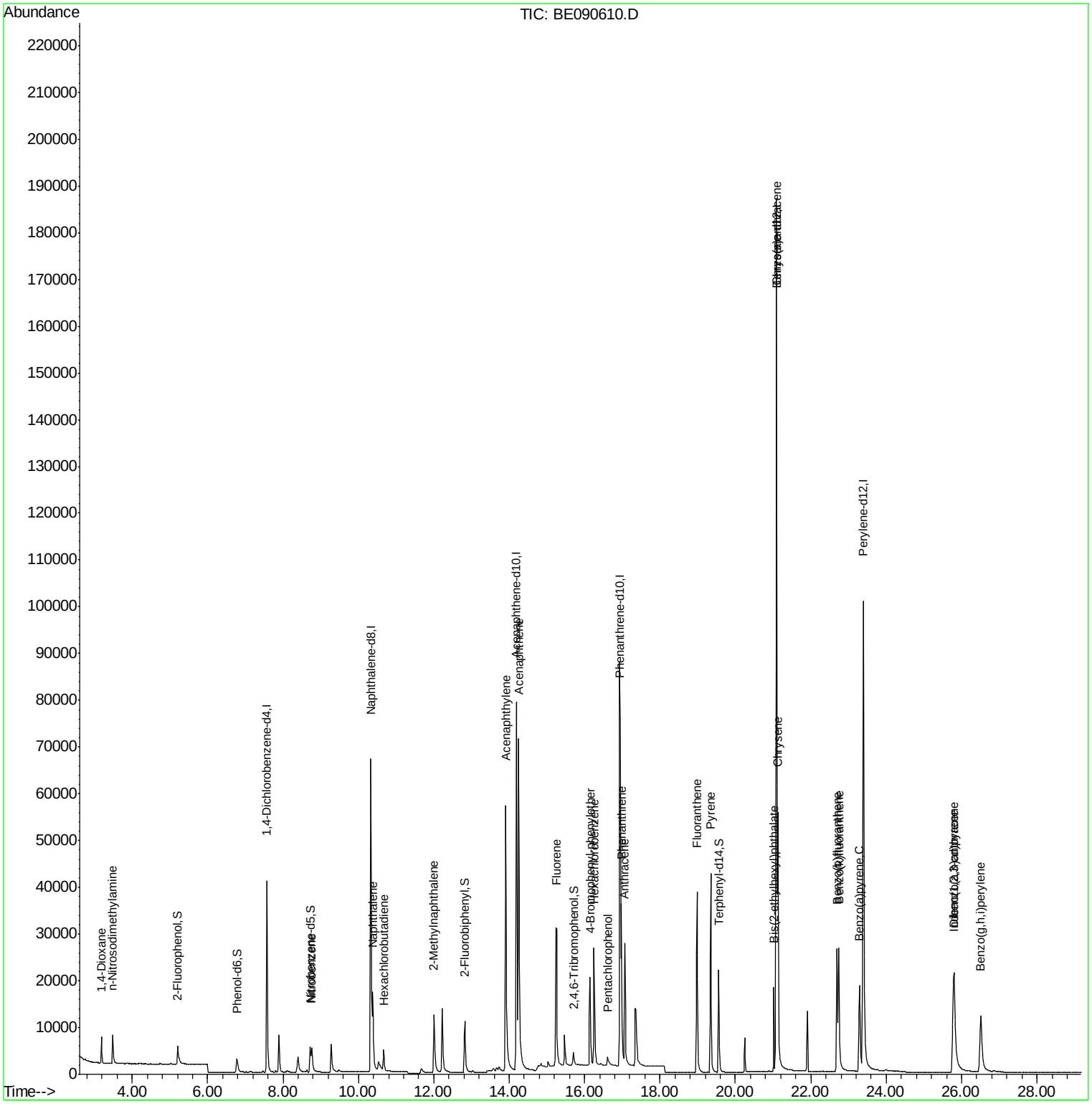
(#) = qualifier out of range (m) = manual integration (+) = signals summed

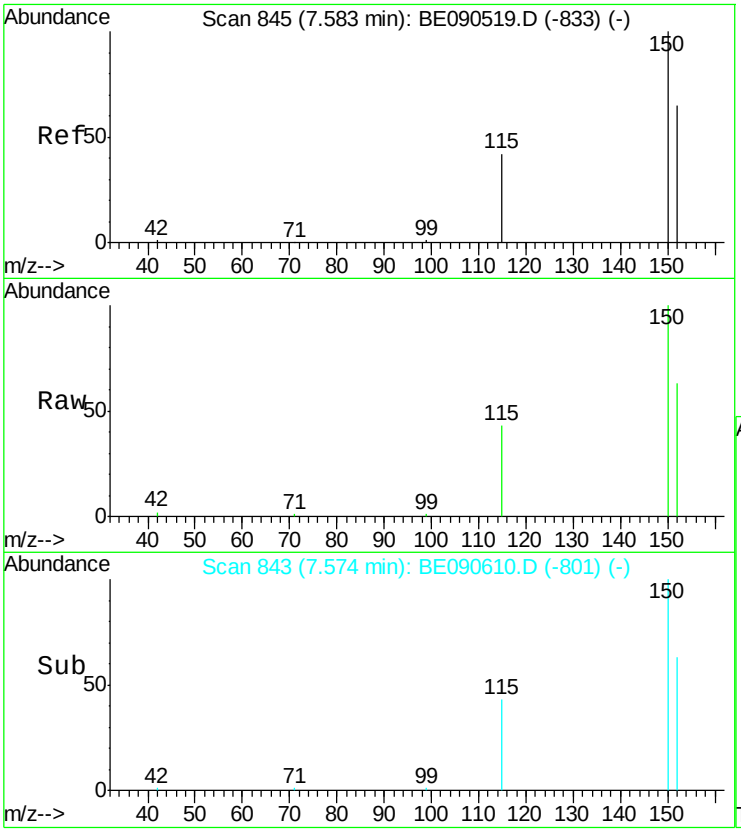
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
Data File : BE090610.D
Acq On : 25 Aug 2015 12:23
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 26 03:25:40 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



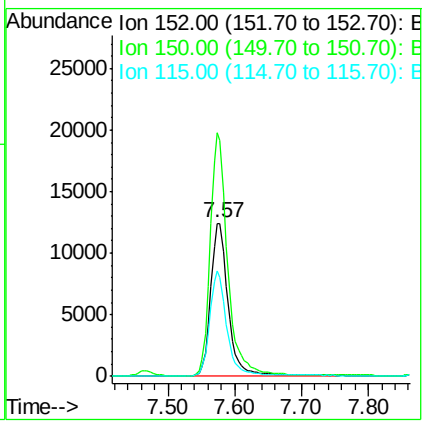


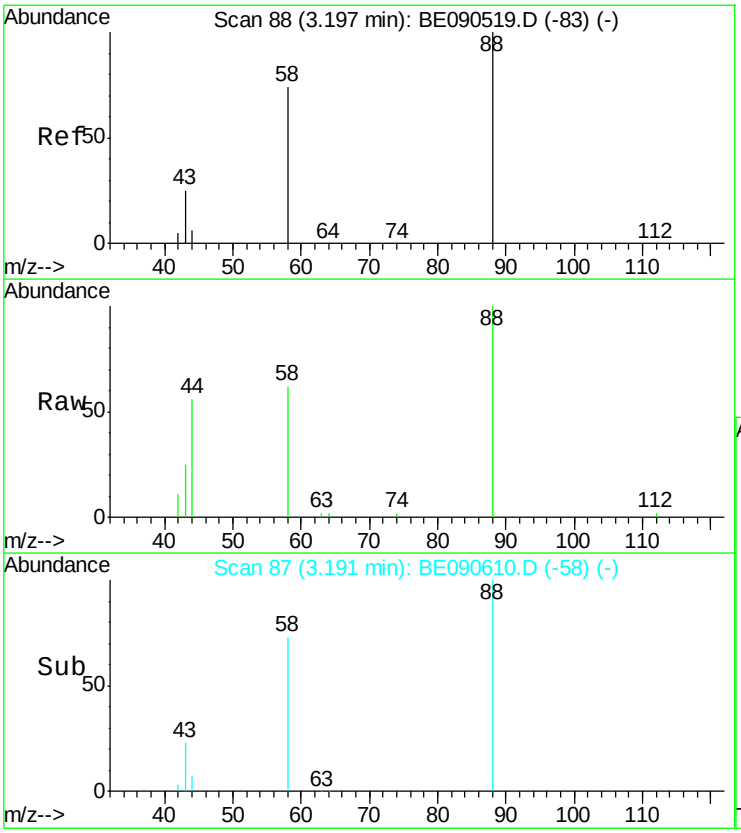
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.57 min Scan# 843
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 22391

Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.0	184.4
115	68.4	48.9	73.3

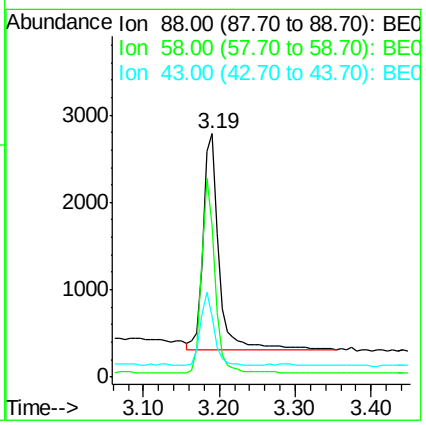


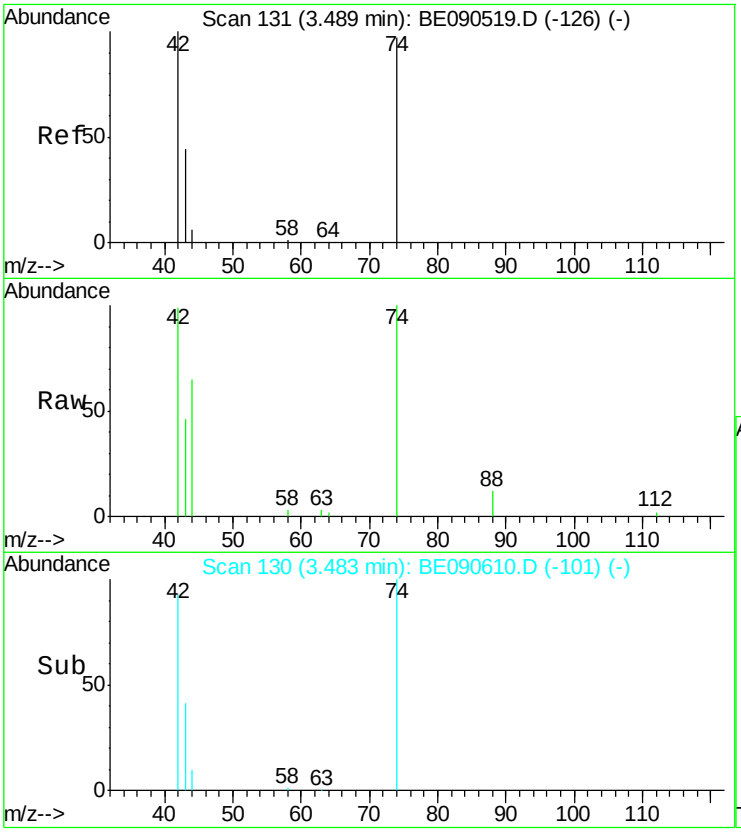


#2
1,4-Dioxane
Concen: 1.35 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion: 88 Resp: 3576

Ion	Ratio	Lower	Upper
88	100		
58	75.8	70.0	105.0
43	29.5	28.4	42.6



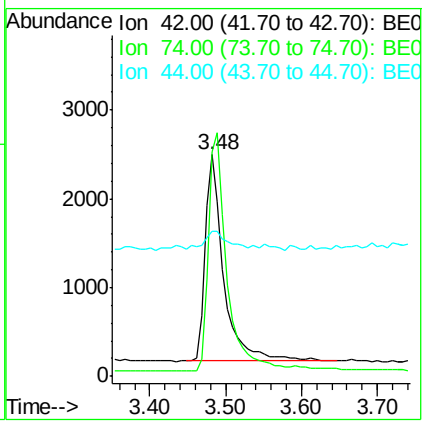


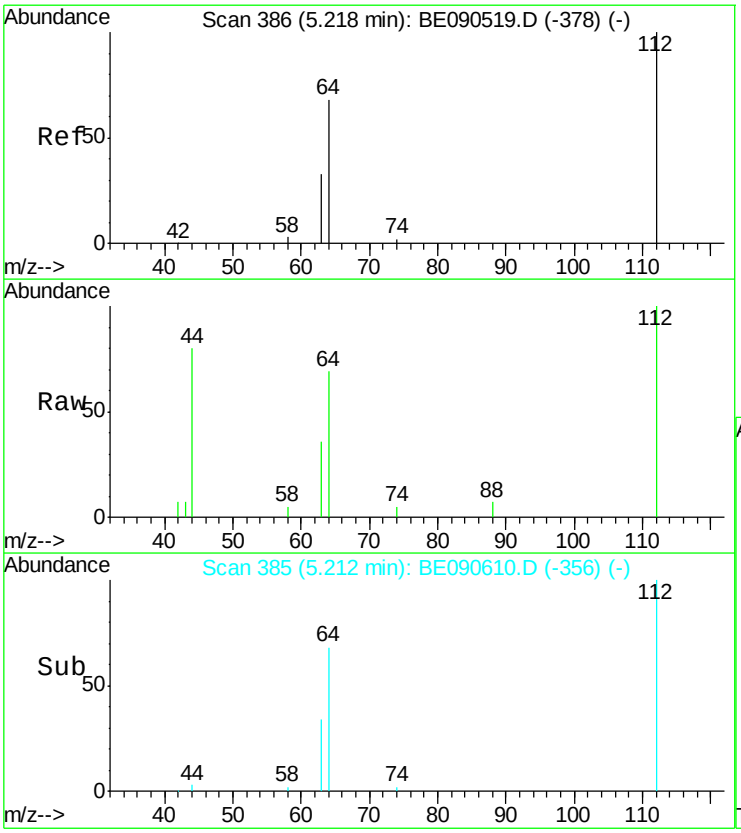
#3
n-Nitrosodimethylamine
Concen: 1.02 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 3948

Ion	Ratio	Lower	Upper
42	100		
74	114.7	75.2	112.8#
44	10.6	8.7	13.1

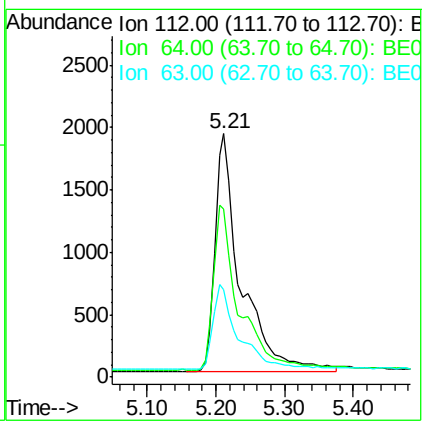


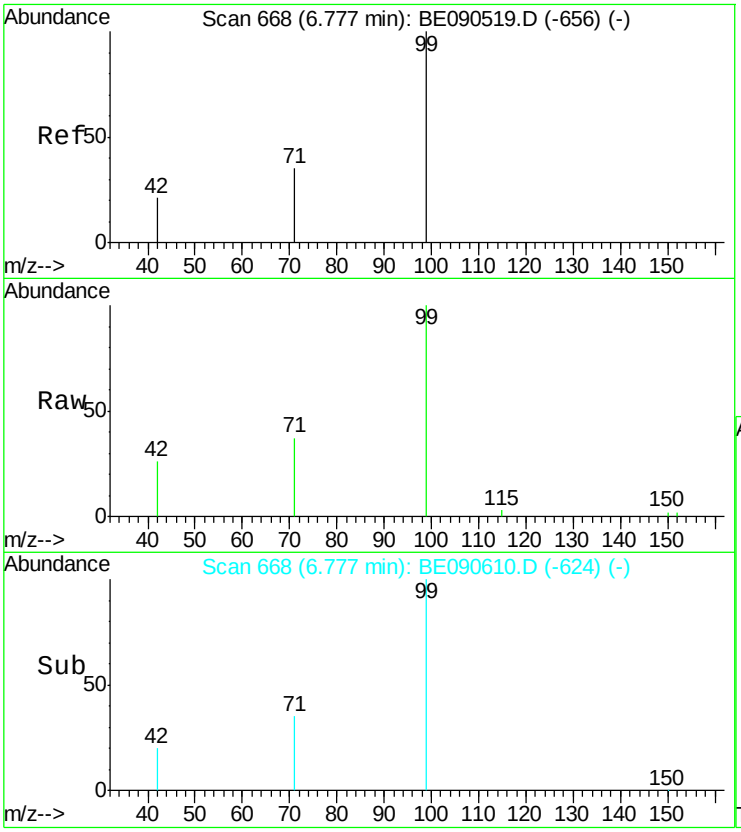


#4
2-Fluorophenol
Concen: 0.76 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:112 Resp: 4946

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	36.6	19.5	29.3#



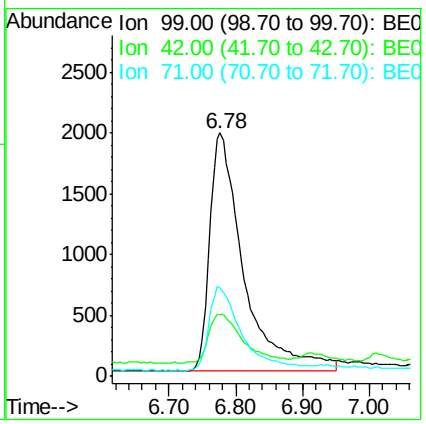


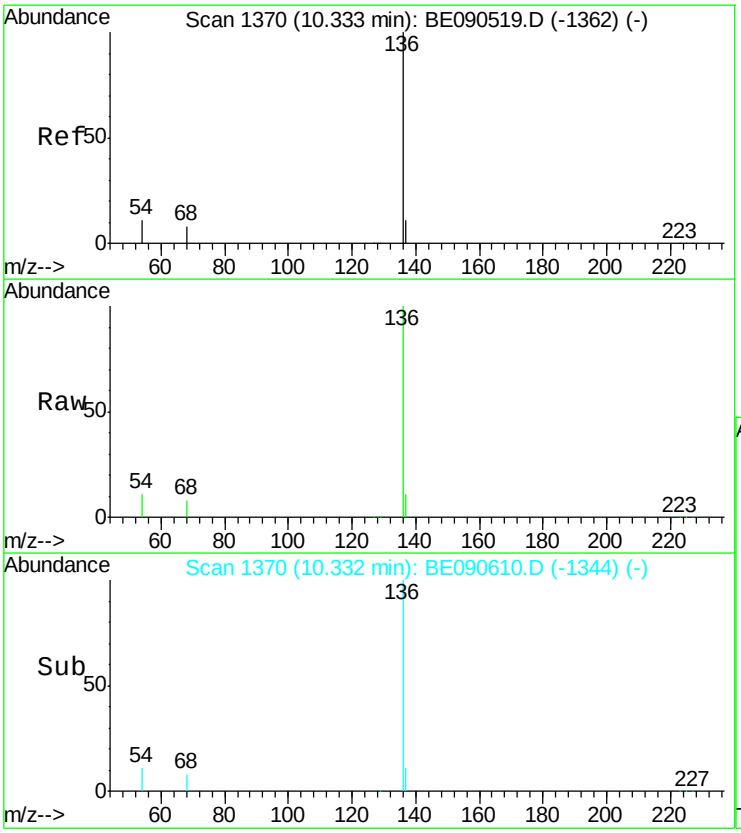
#5
Phenol-d6
Concen: 0.72 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6894

Ion	Ratio	Lower	Upper
99	100		
42	21.1	18.2	27.4
71	34.1	27.4	41.0

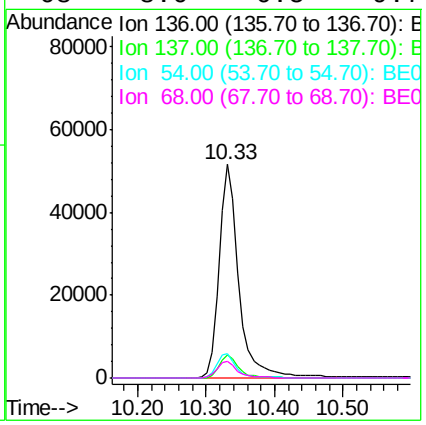


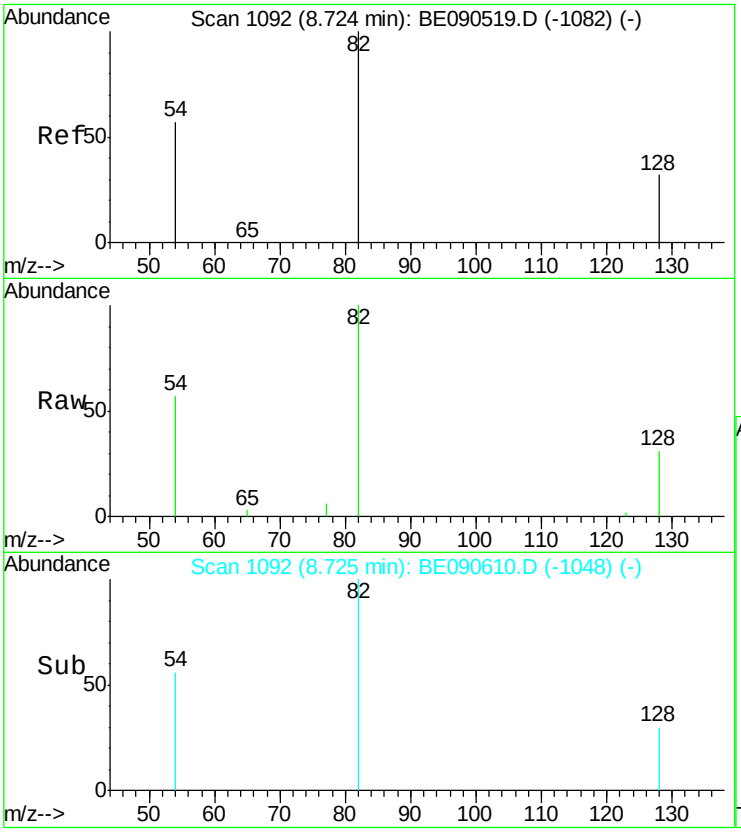


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:136 Resp: 102359

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.1	9.4	14.0
68	8.0	6.5	9.7



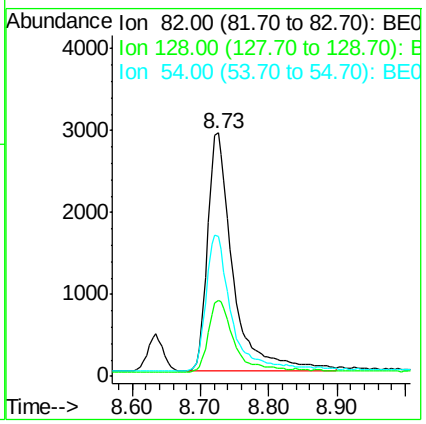


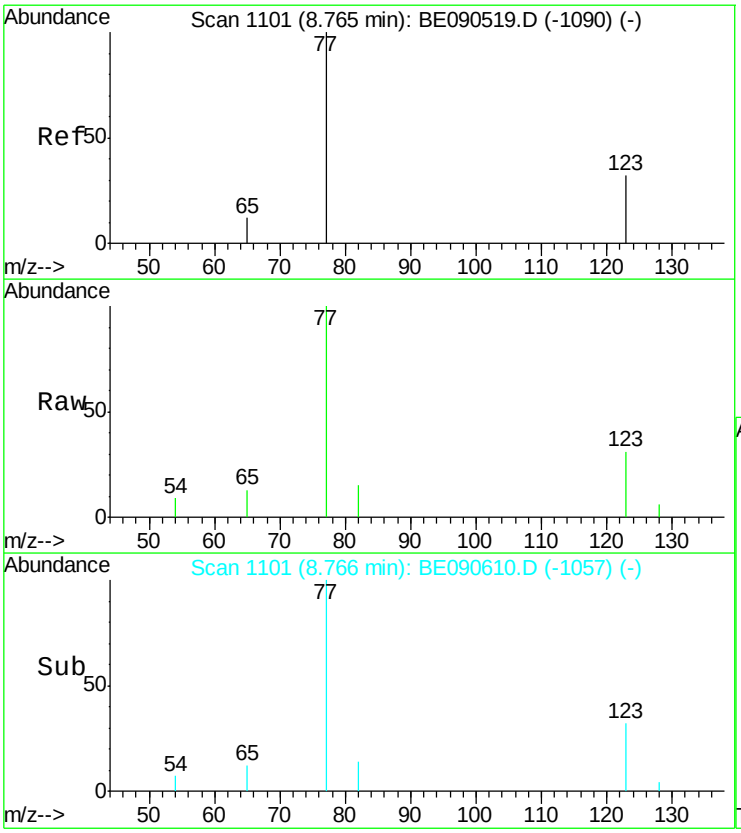
#7
Nitrobenzene-d5
Concen: 0.93 ng
RT: 8.73 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 7581

Ion	Ratio	Lower	Upper
82	100		
128	31.4	25.0	37.6
54	57.5	48.8	73.2

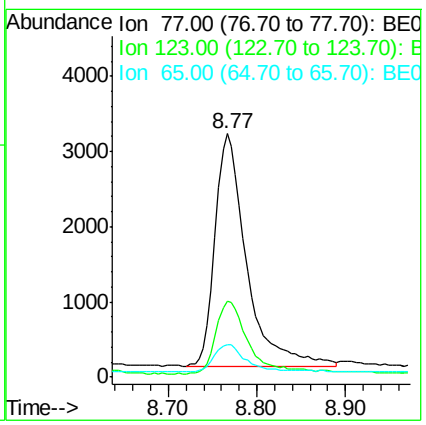


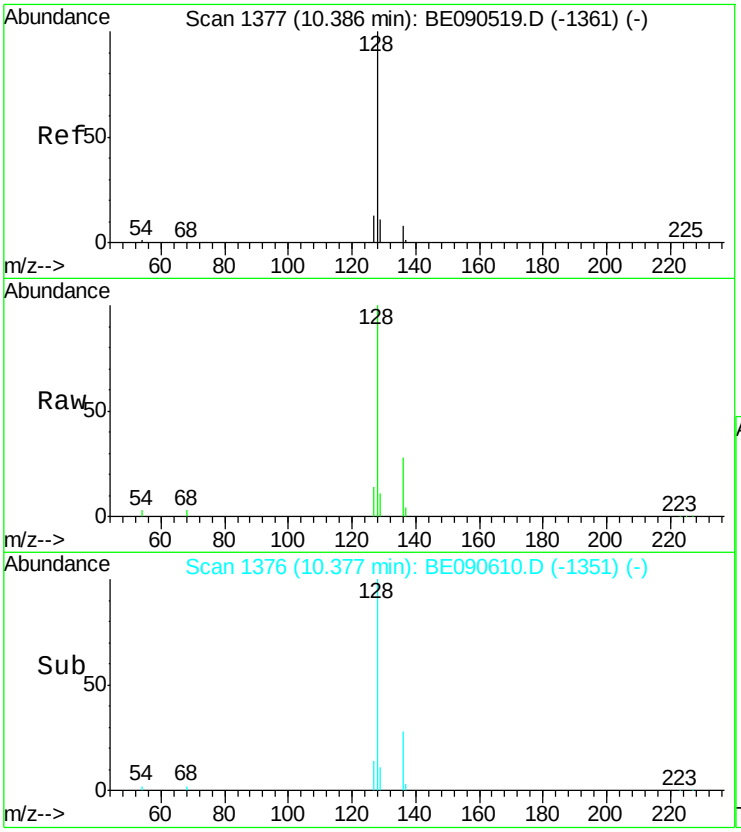


#8
Nitrobenzene
Concen: 0.90 ng
RT: 8.77 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion: 77 Resp: 7601

Ion	Ratio	Lower	Upper
77	100		
123	32.0	25.1	37.7
65	12.2	9.3	13.9



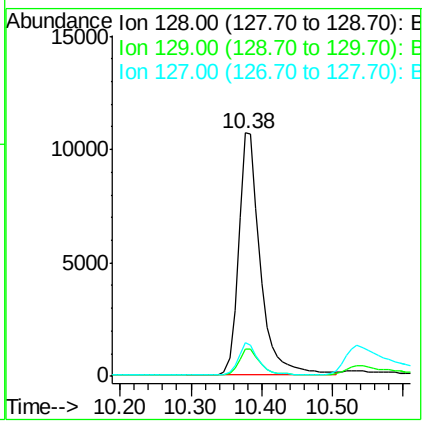


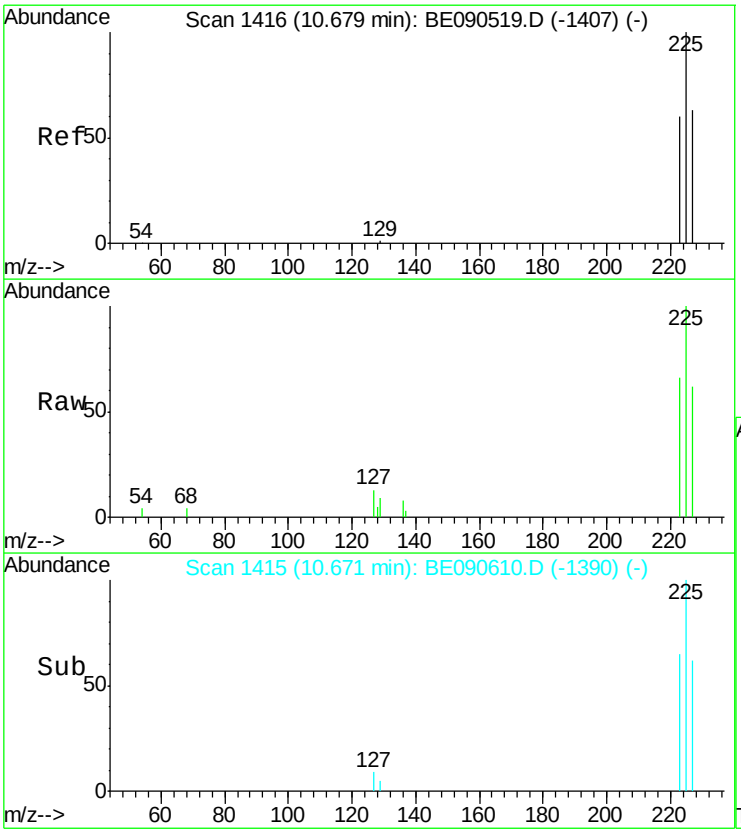
#9
Naphthalene
Concen: 0.98 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 22835

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	13.9	10.6	16.0

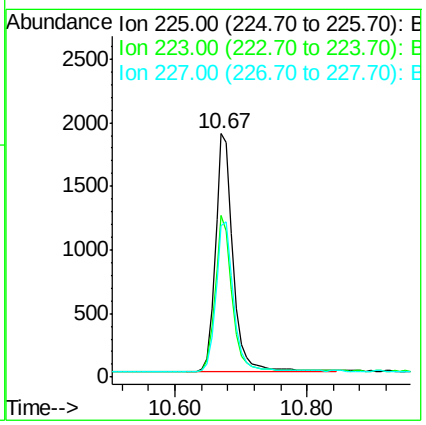


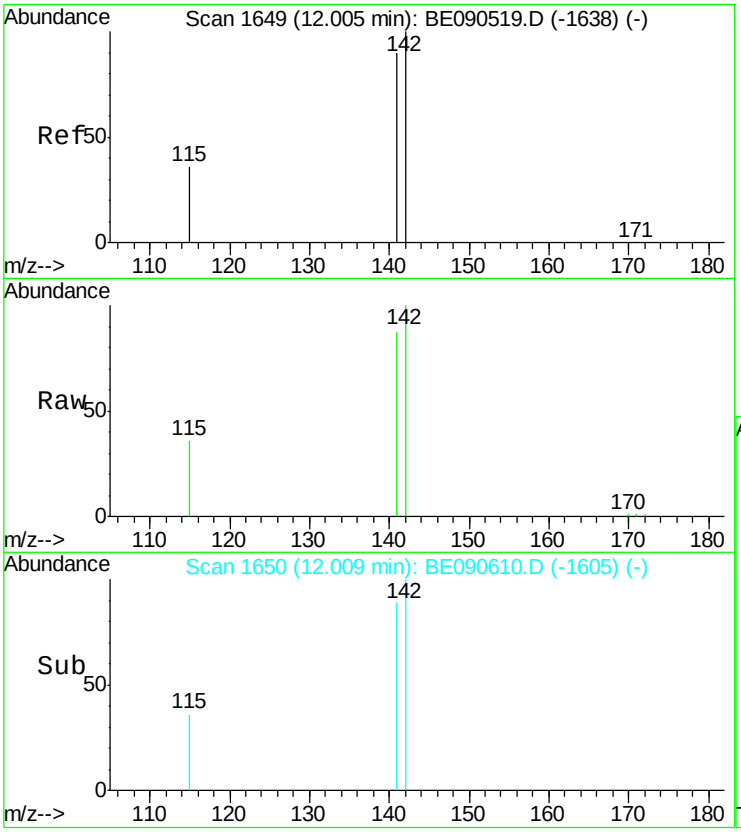


#10
Hexachlorobutadiene
Concen: 1.02 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:225 Resp: 3492

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	75.8
227	62.9	50.7	76.1



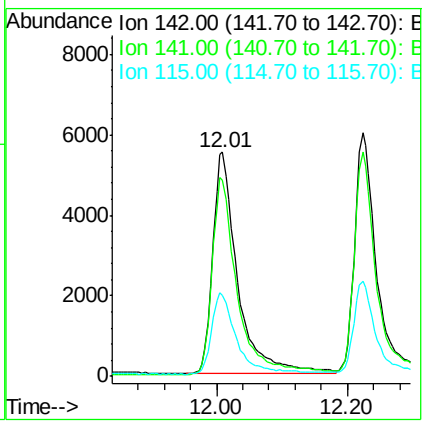


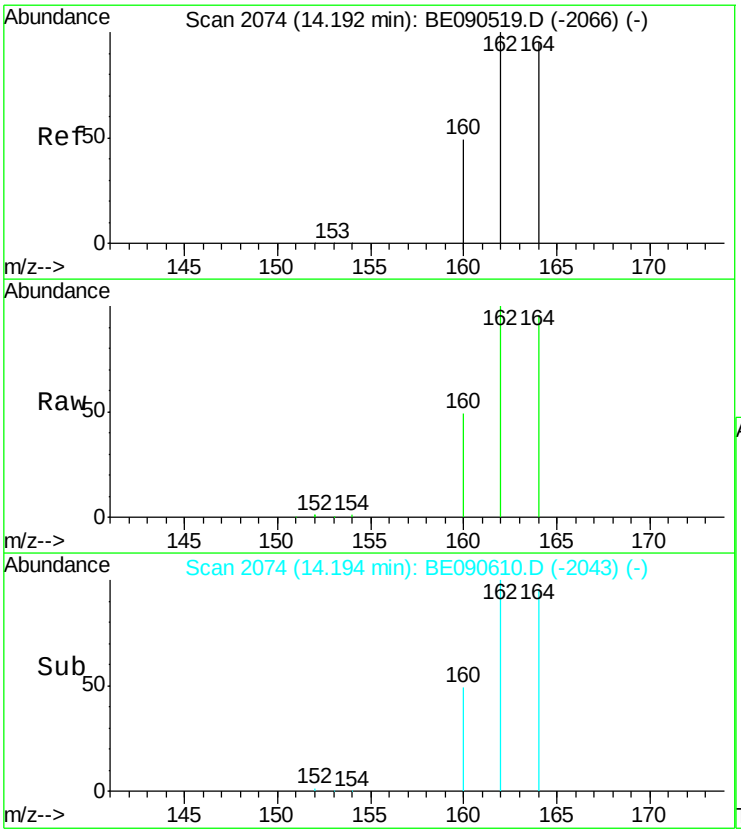
#11
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.01 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 14396

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	109.0
115	36.2	31.6	47.4

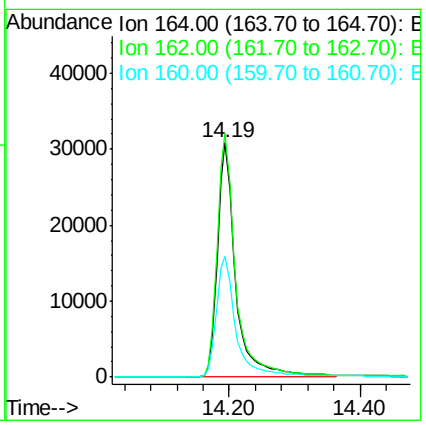


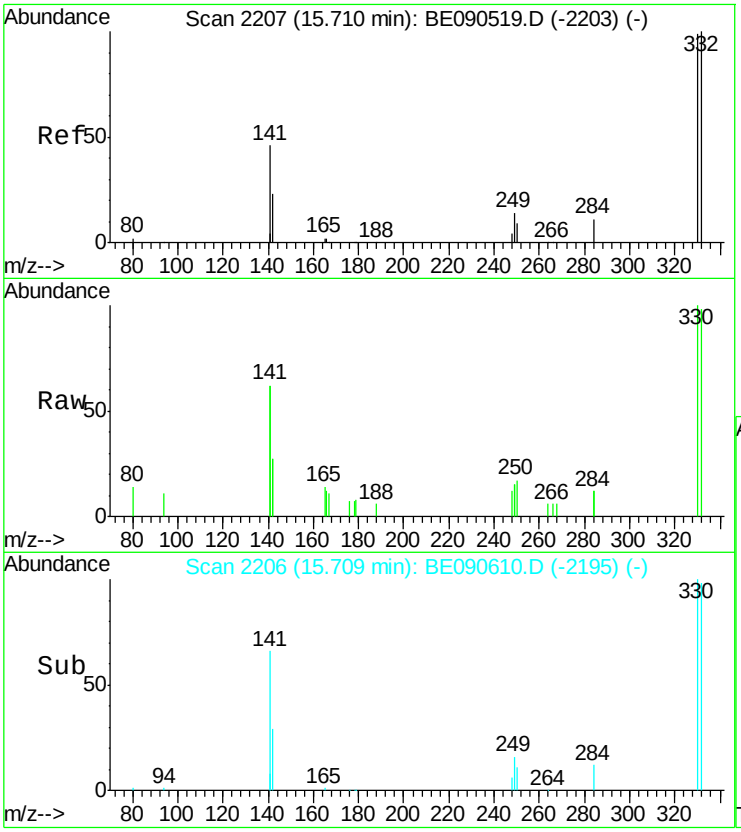


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:164 Resp: 59587

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.8
160	51.3	44.2	66.4



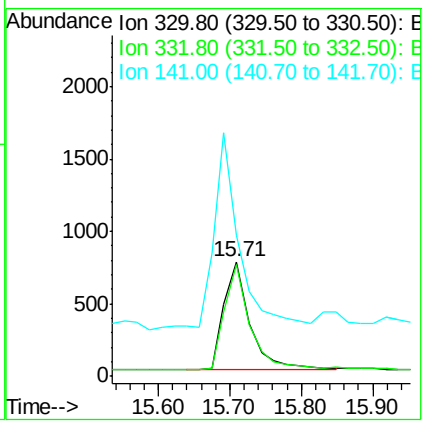


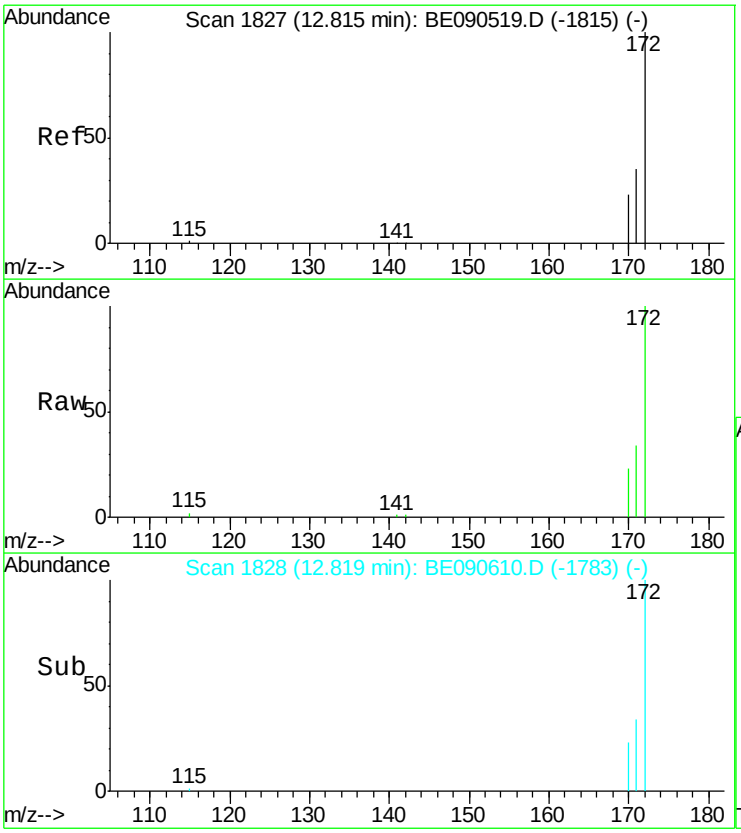
#13
2,4,6-Tribromophenol
Concen: 0.83 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 1908

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.6
141	166.9	114.4	171.6

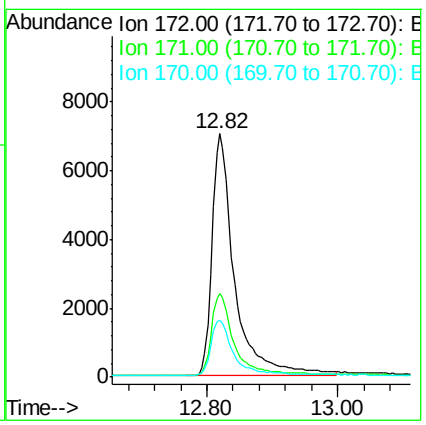


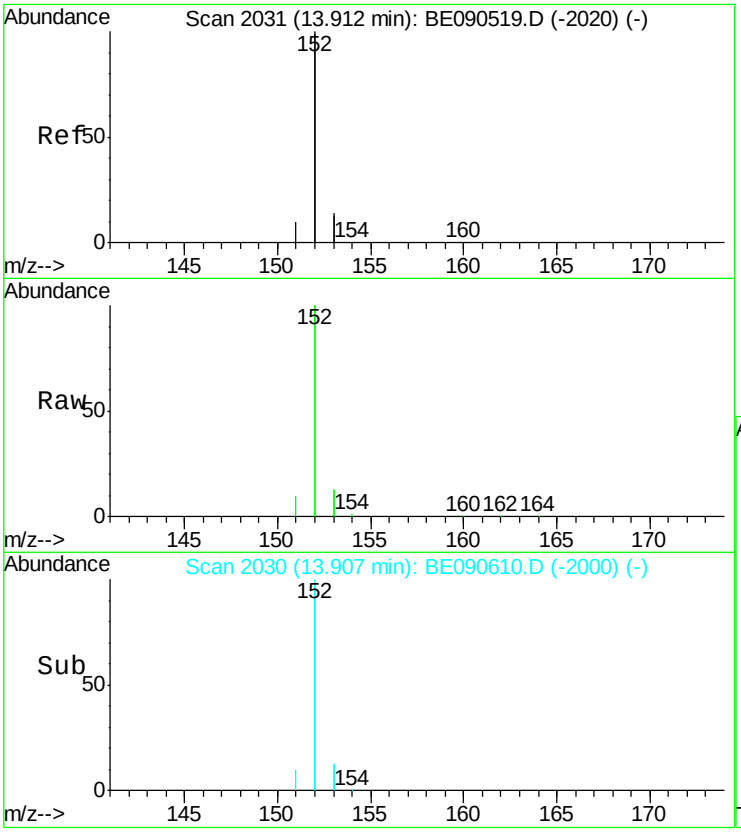


#14
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:172 Resp: 16755

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	23.3	19.8	29.8



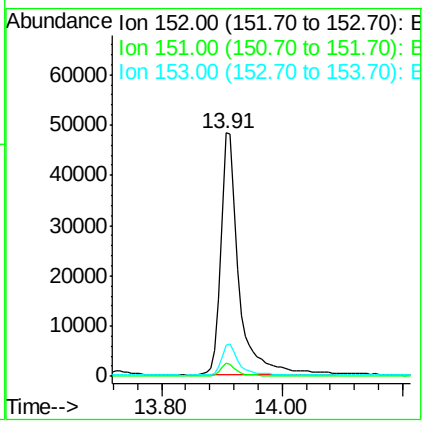


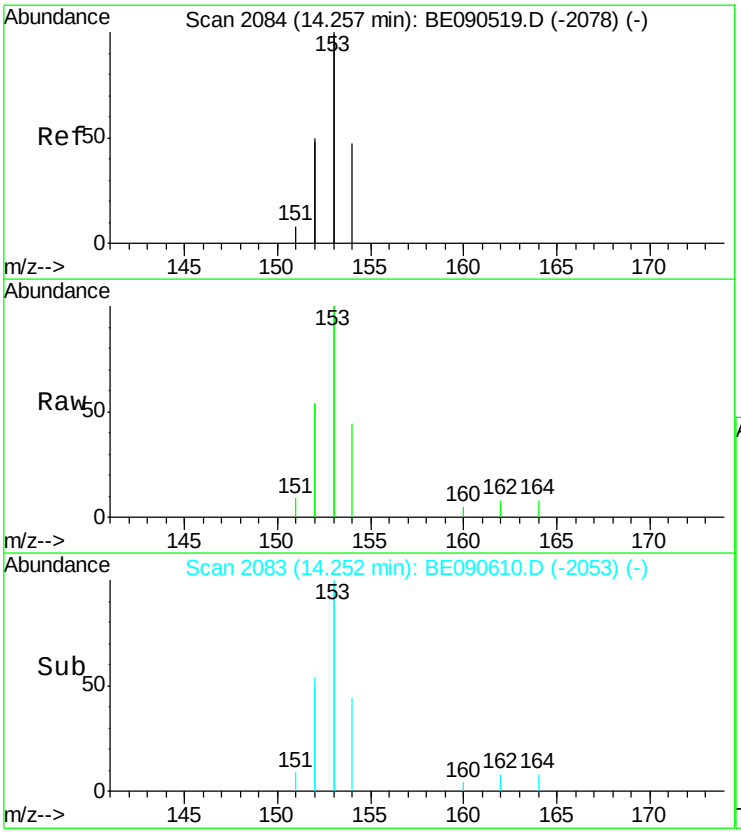
#15
Acenaphthylene
Concen: 0.94 ng
RT: 13.91 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 102330

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.3	15.5

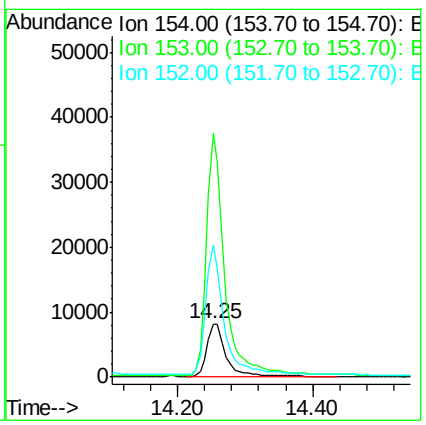


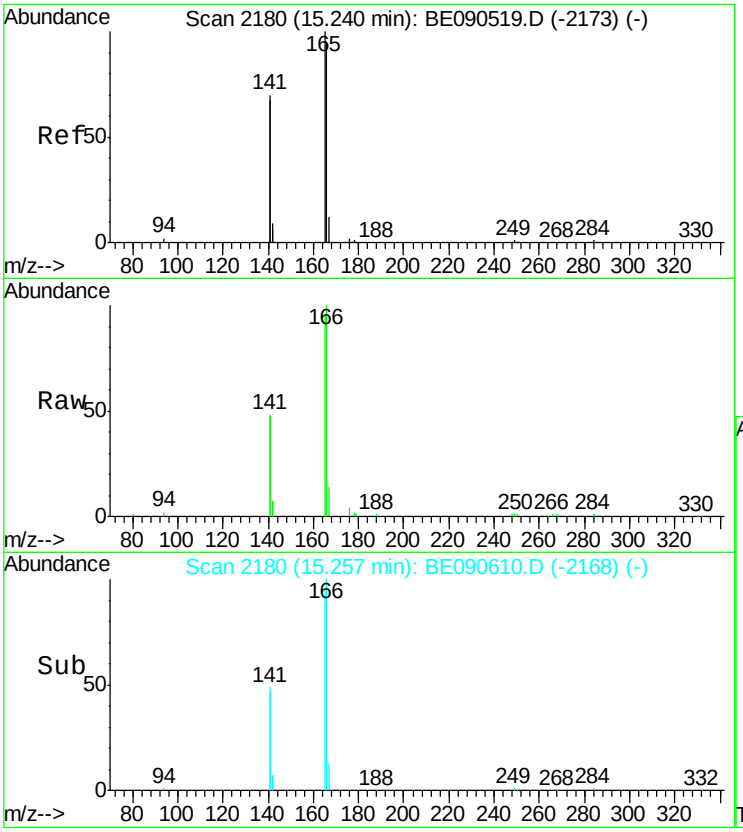


#16
Acenaphthene
Concen: 0.96 ng
RT: 14.25 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:154 Resp: 15793

Ion	Ratio	Lower	Upper
154	100		
153	444.2	376.2	564.2
152	235.7	235.0	352.4



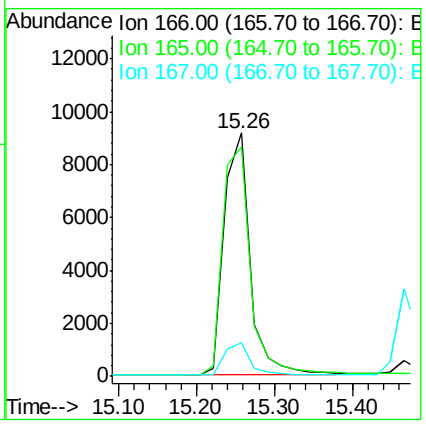


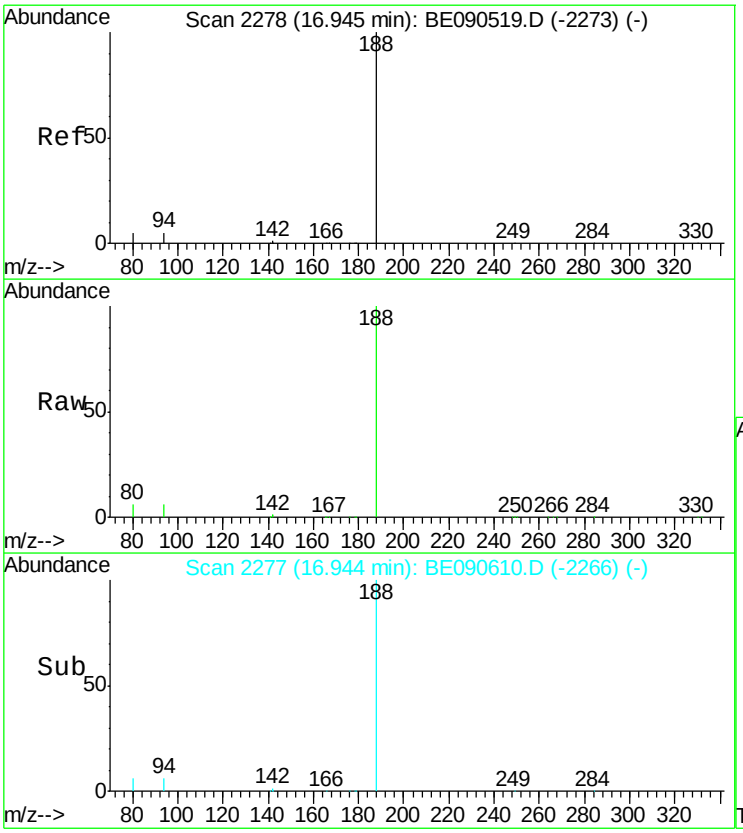
#17
Fluorene
Concen: 1.05 ng
RT: 15.26 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 21082

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.5	122.3
167	13.8	11.4	17.0

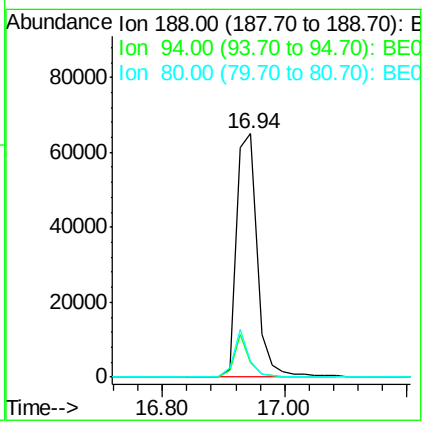


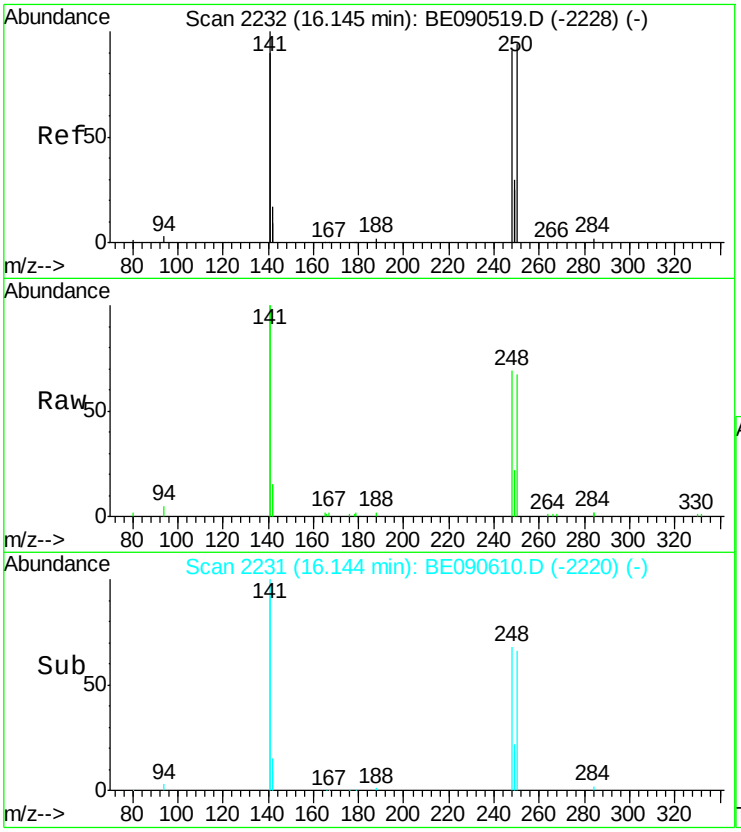


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:188 Resp: 153590

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	6.3	5.8	8.8



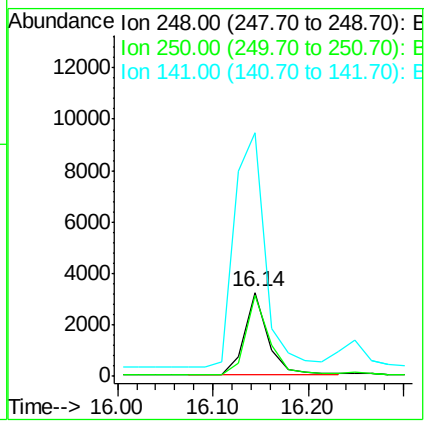


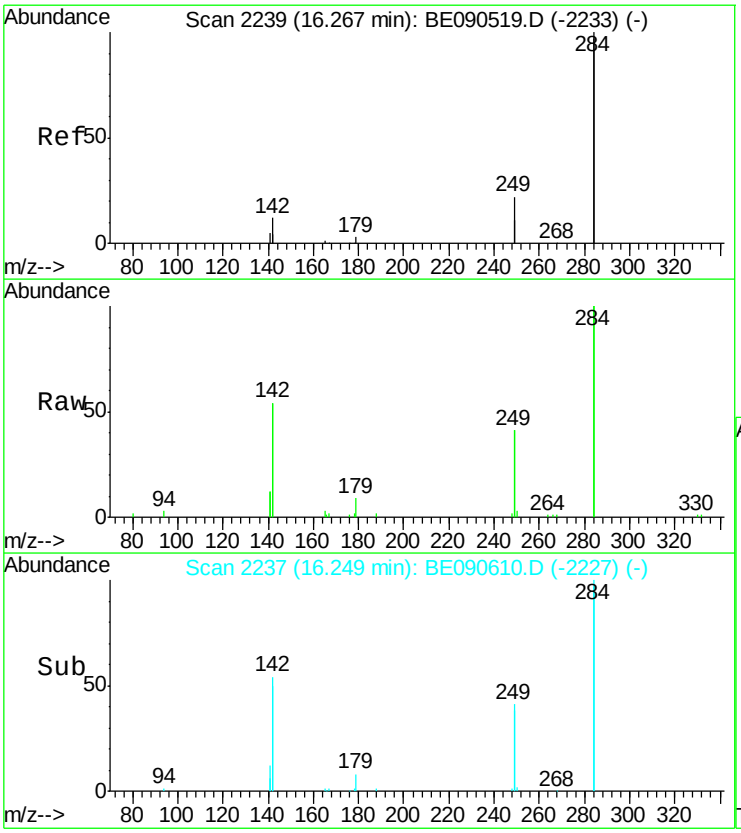
#19
4-Bromophenyl-phenylether
Concen: 0.88 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:248 Resp: 5548

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.0	118.6
141	369.2	239.5	359.3#

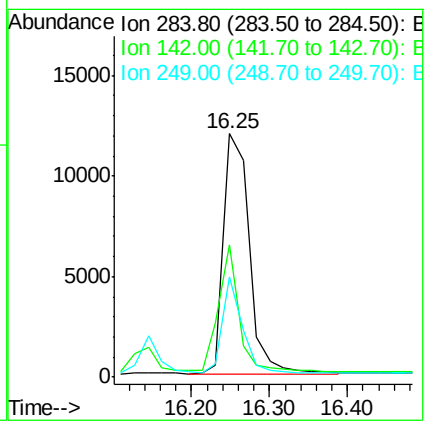


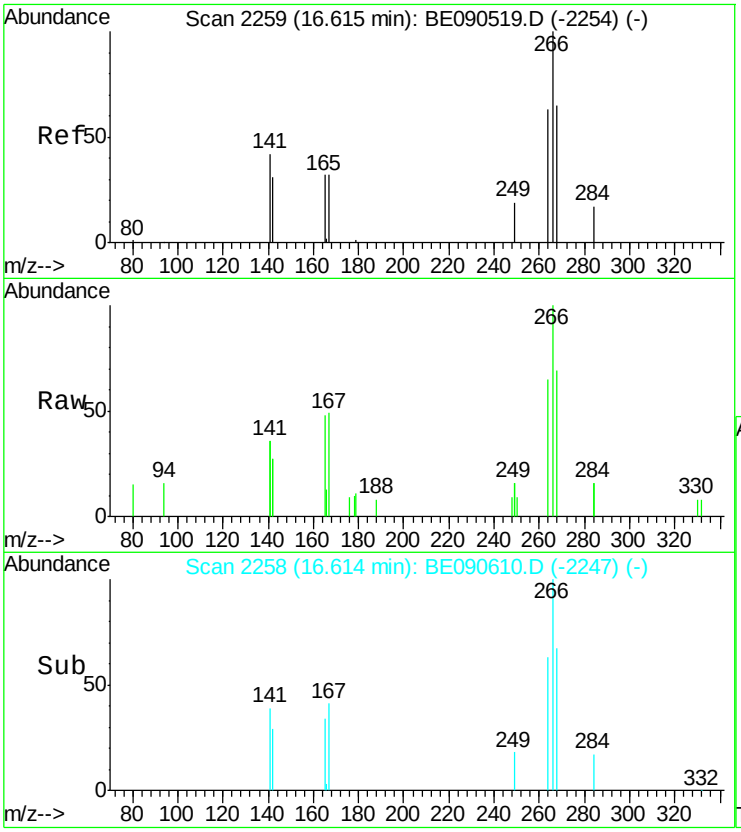


#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:284 Resp: 27177

Ion	Ratio	Lower	Upper
284	100		
142	41.0	30.1	45.1
249	30.6	25.7	38.5



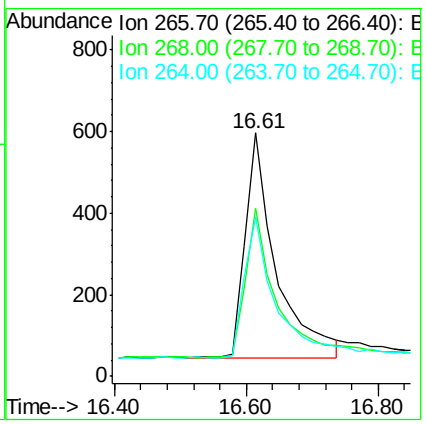


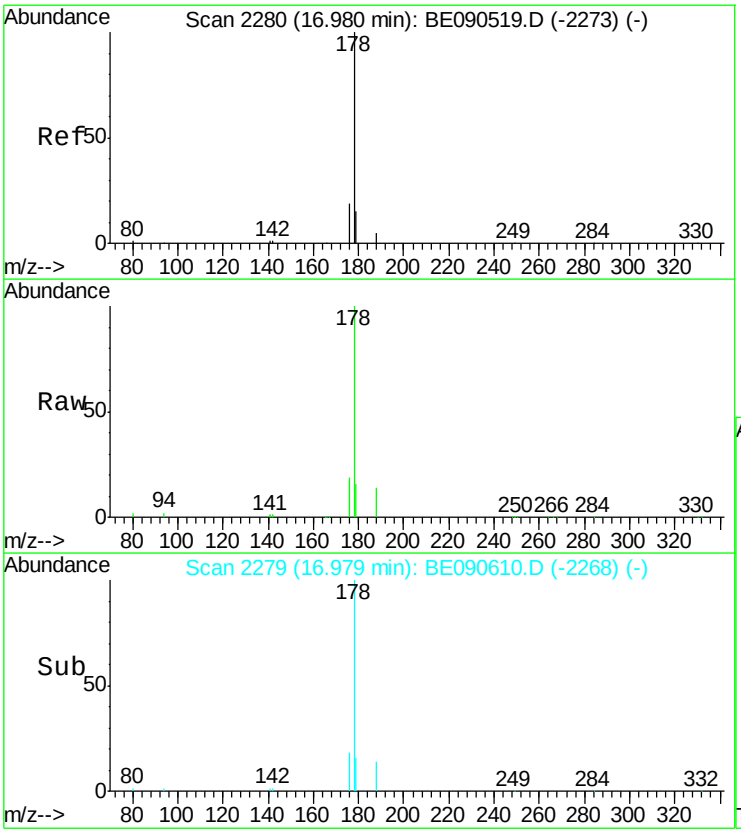
#21
Pentachlorophenol
Concen: 0.80 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 1773

Ion	Ratio	Lower	Upper
266	100		
268	69.2	58.5	87.7
264	65.3	56.0	84.0

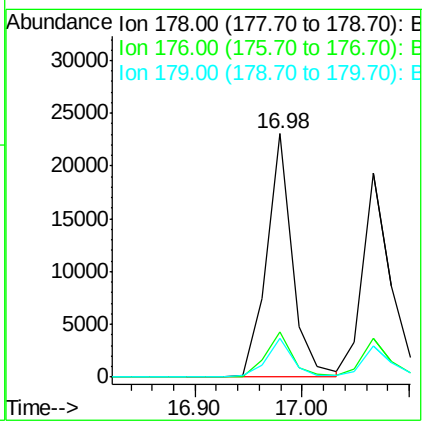


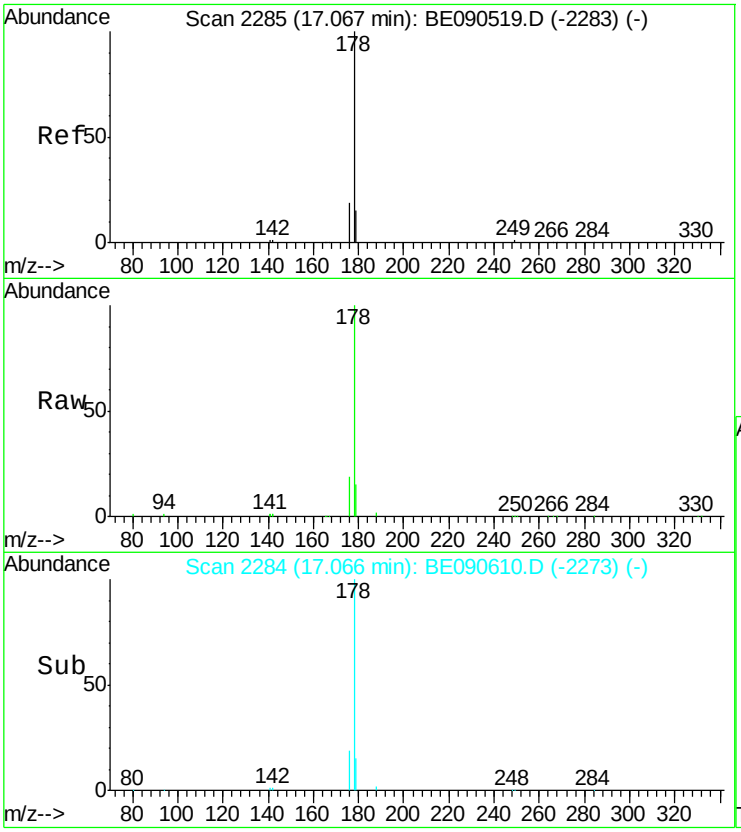


#22
Phenanthrene
Concen: 0.95 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:178 Resp: 38313

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.5	18.7



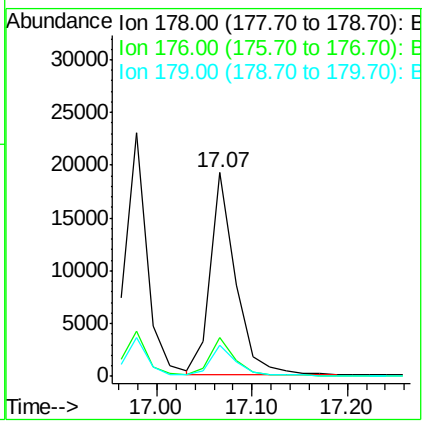


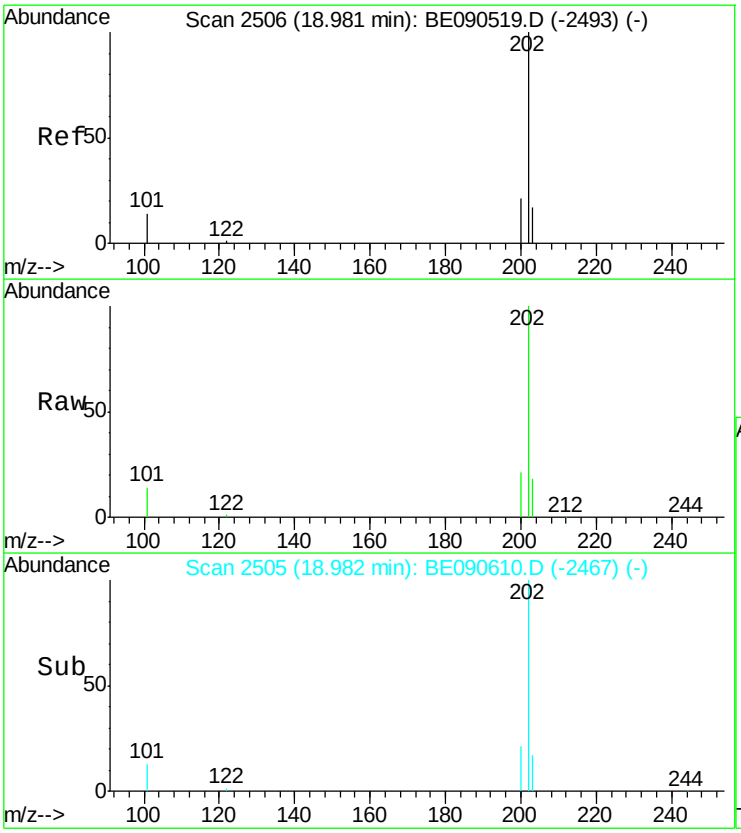
#23
Anthracene
Concen: 0.95 ng
RT: 17.07 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 35129

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.2	18.4

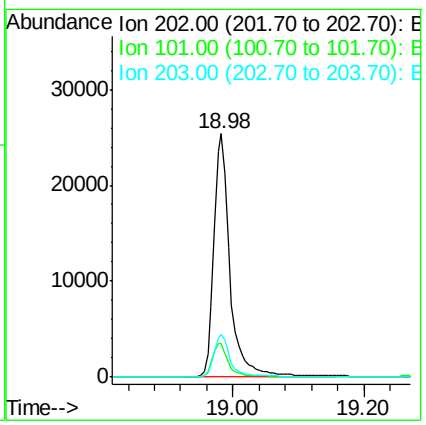


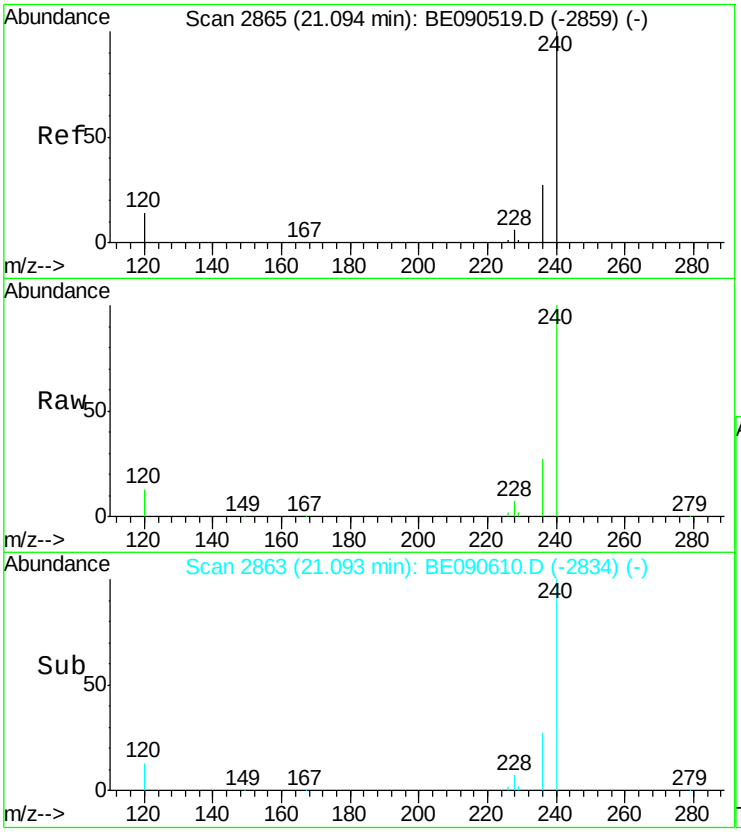


#24
Fluoranthene
Concen: 1.02 ng
RT: 18.98 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:202 Resp: 43671

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	17.2	13.7	20.5



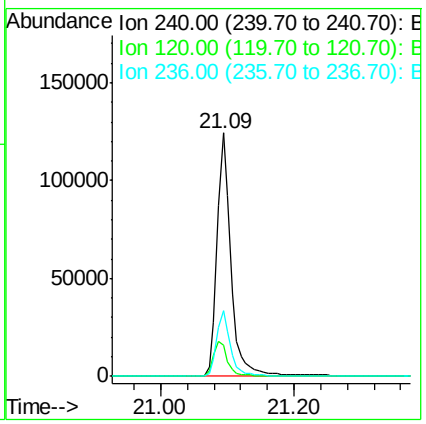


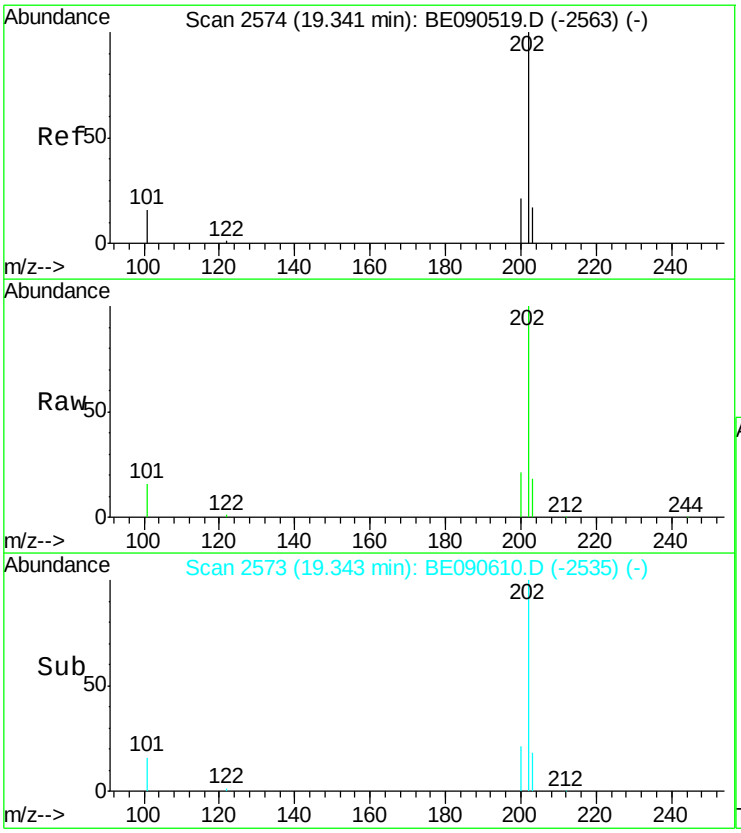
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 179494

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	27.0	21.0	31.4

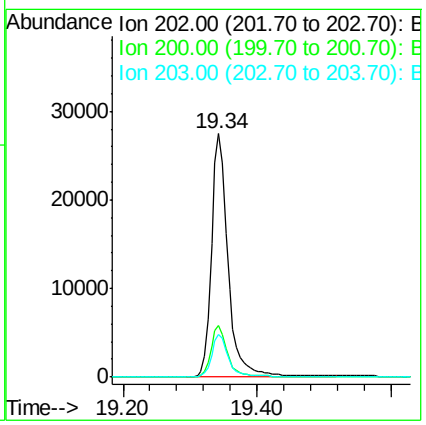


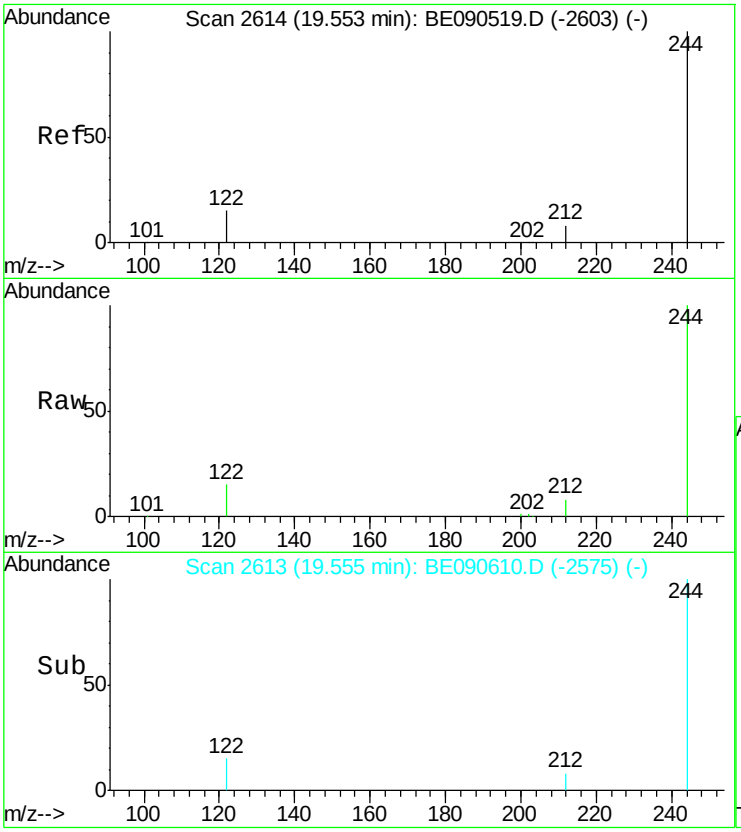


#26
Pyrene
Concen: 0.90 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:202 Resp: 46200

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	13.8	20.8



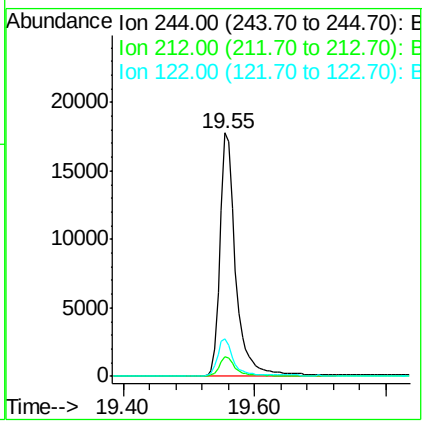


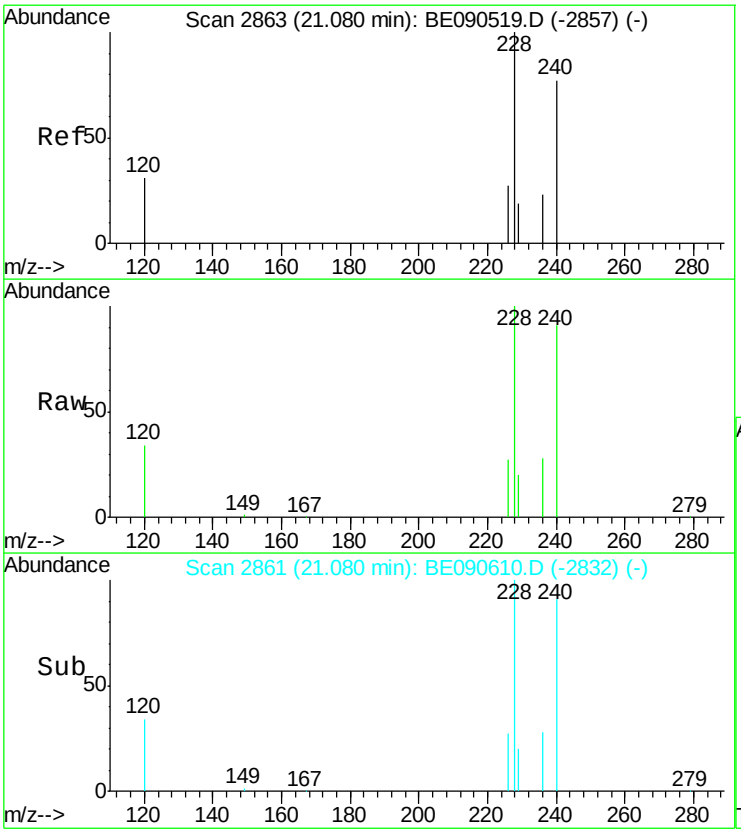
#27
Terphenyl-d14
Concen: 0.89 ng
RT: 19.55 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 29348

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	15.5	10.2	15.4#

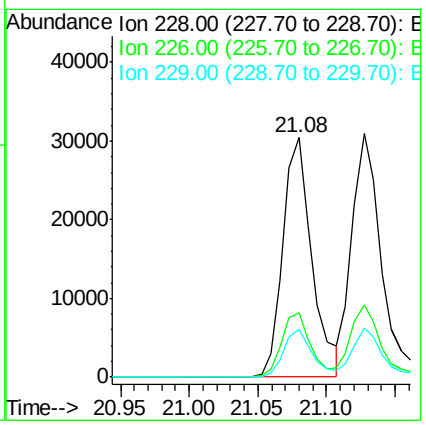


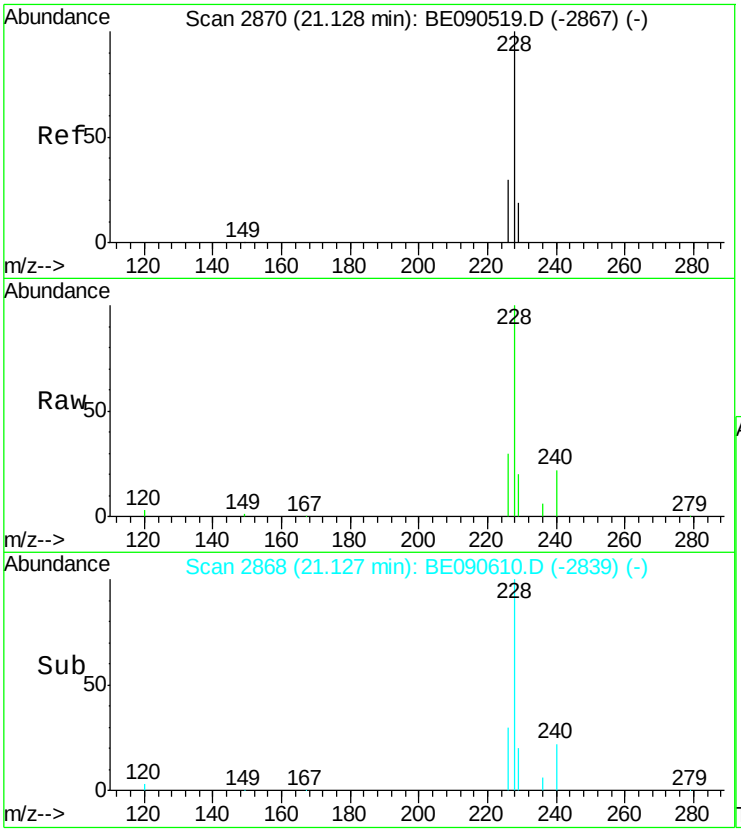


#28
Benzo(a)anthracene
Concen: 0.94 ng
RT: 21.08 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:228 Resp: 44325

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.8	15.4	23.0



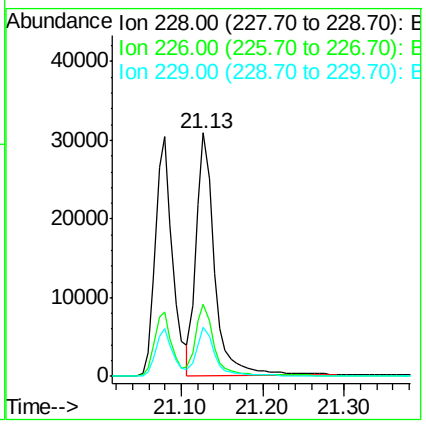


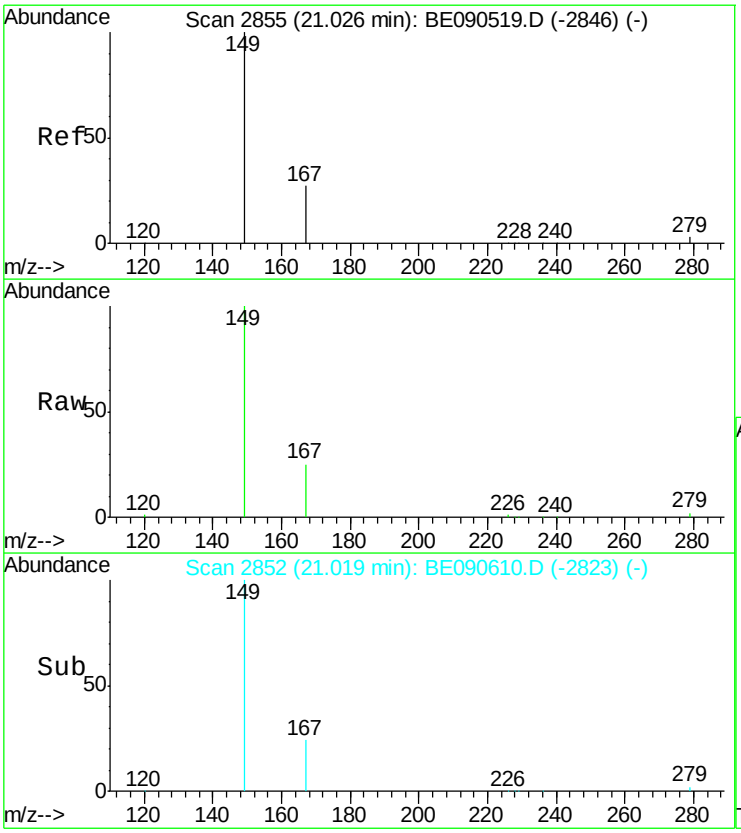
#29
Chrysene
Concen: 0.99 ng
RT: 21.13 min Scan# 2868
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 47946

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.1	34.7
229	19.9	15.8	23.8

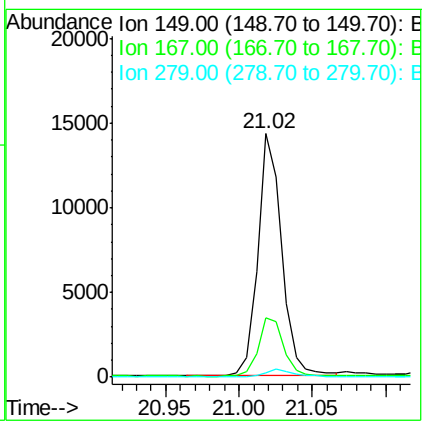


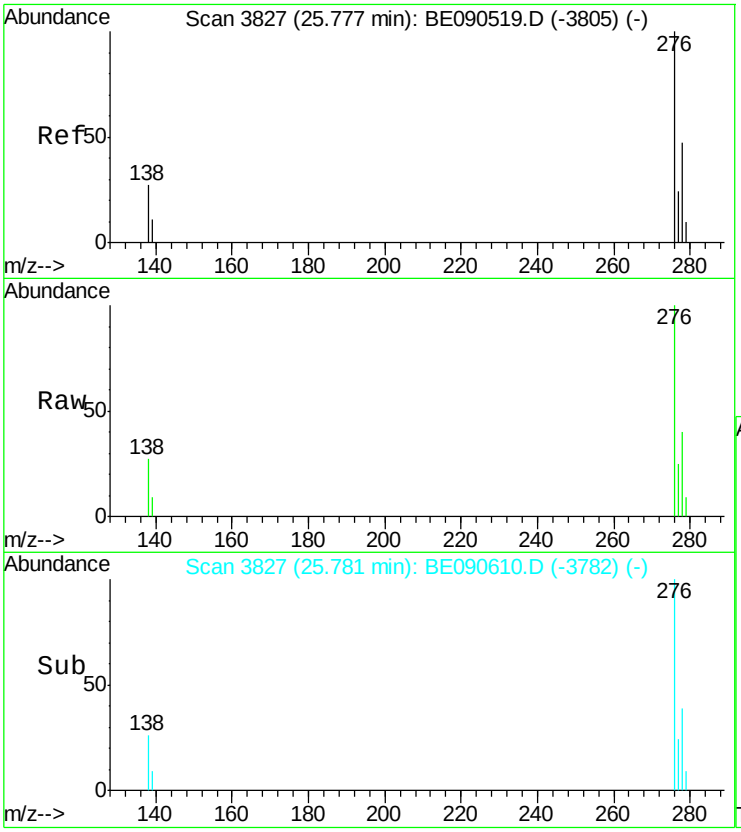


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.70 ng
RT: 21.02 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:149 Resp: 16159

Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.0	2.4	3.6



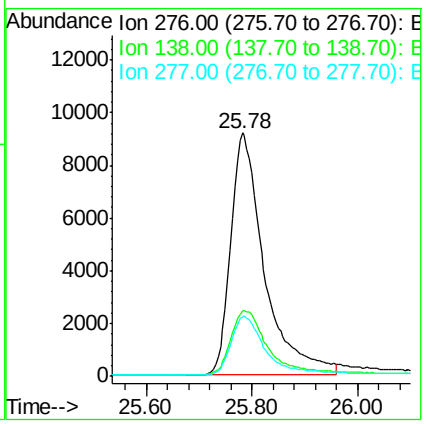


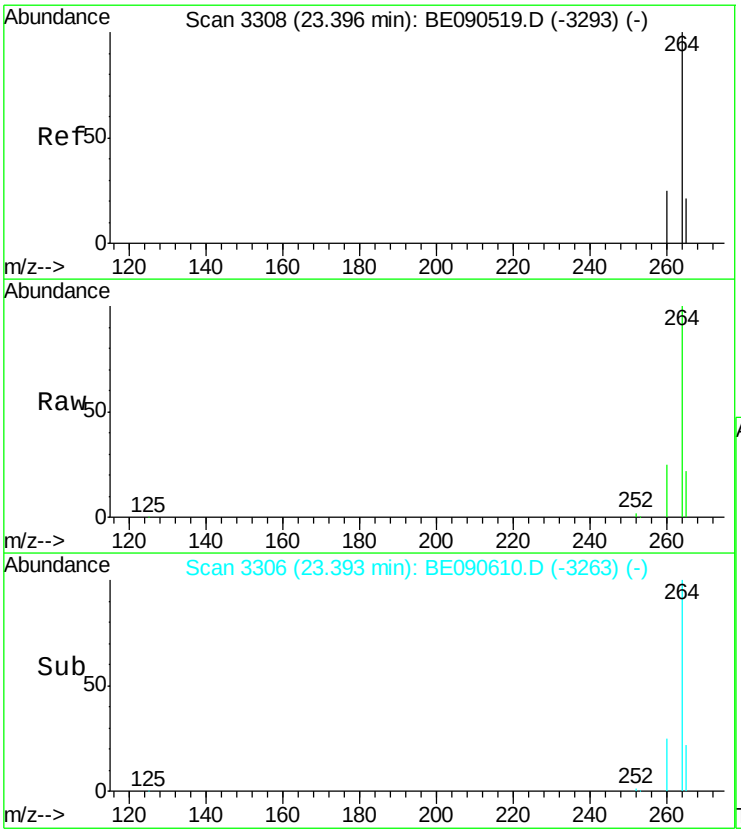
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng
RT: 25.78 min Scan# 3827
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 40645

Ion	Ratio	Lower	Upper
276	100		
138	29.1	18.8	28.2#
277	24.8	18.2	27.4

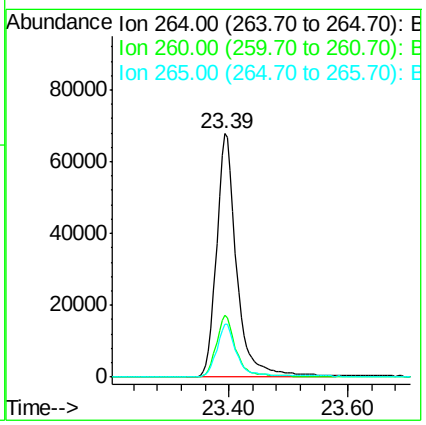


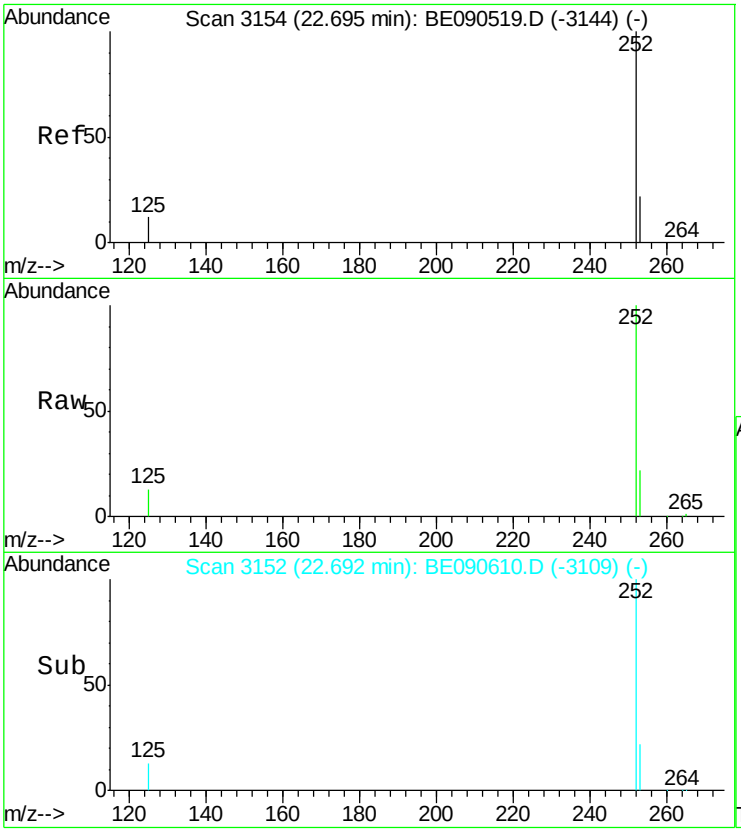


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:264 Resp: 159693

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.8	17.2	25.8



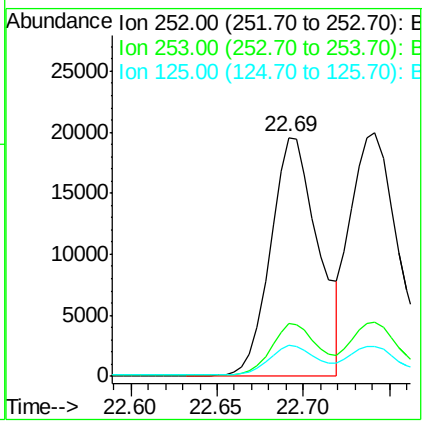


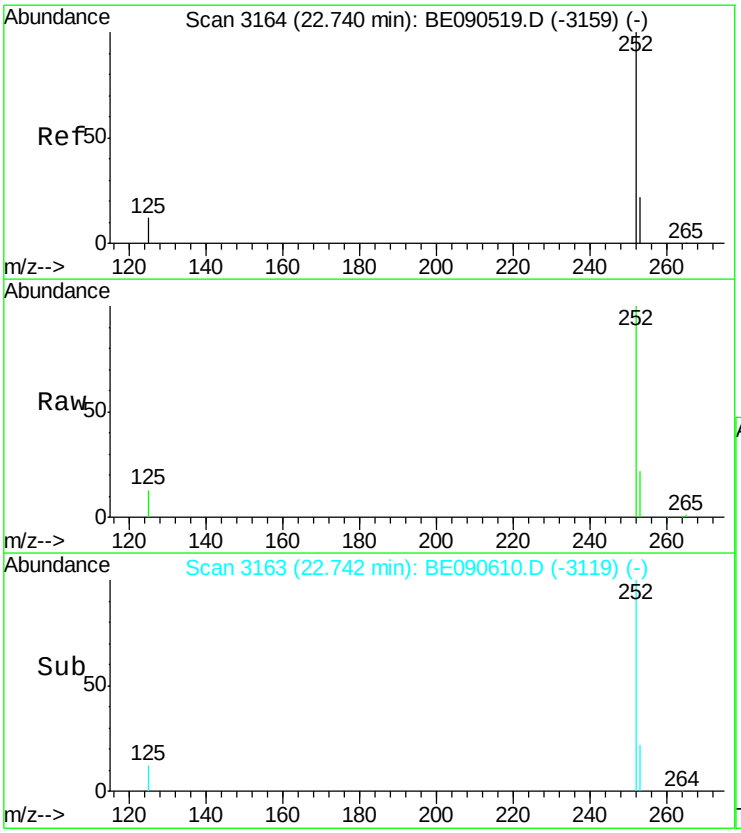
#33
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.69 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37366

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.3	9.4	14.2

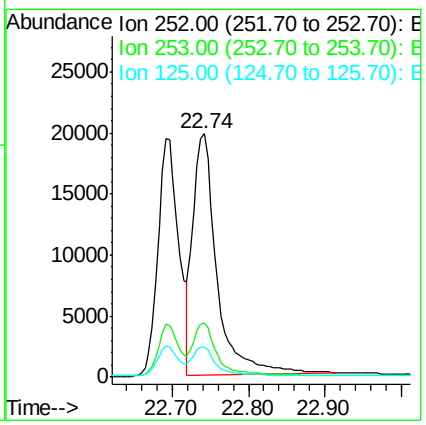


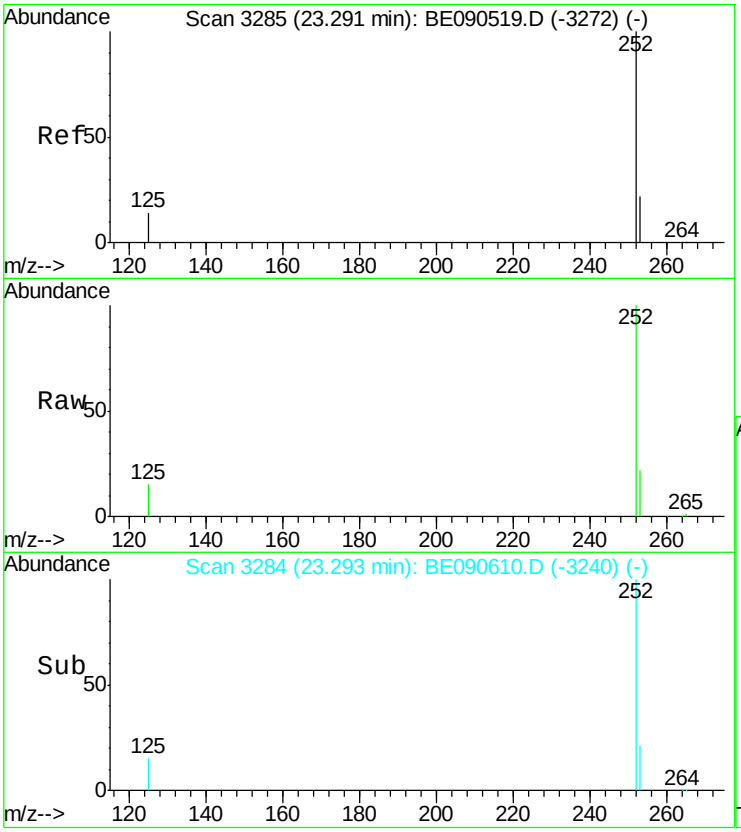


#34
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 22.74 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:252 Resp: 42627

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.5	9.1	13.7



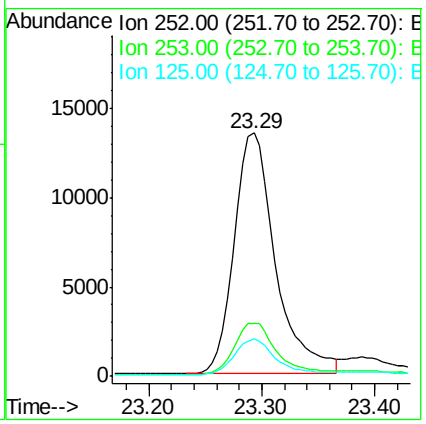


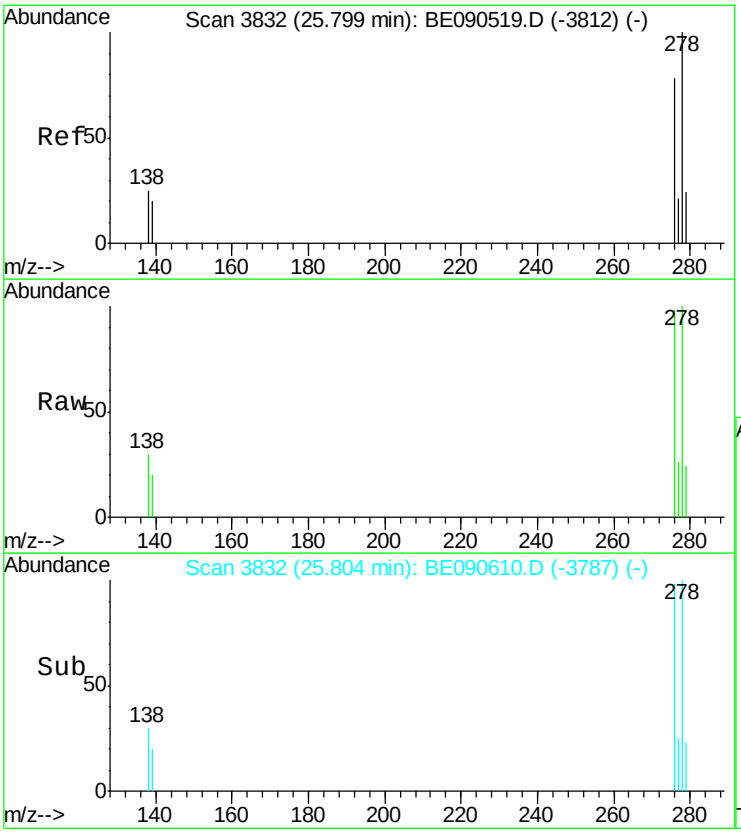
#35
Benzo(a)pyrene
Concen: 0.95 ng
RT: 23.29 min Scan# 3284
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33586

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	15.3	9.8	14.6#

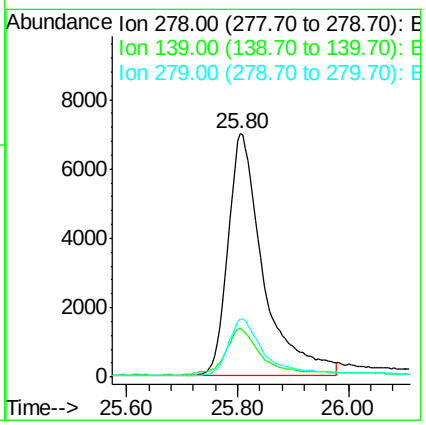


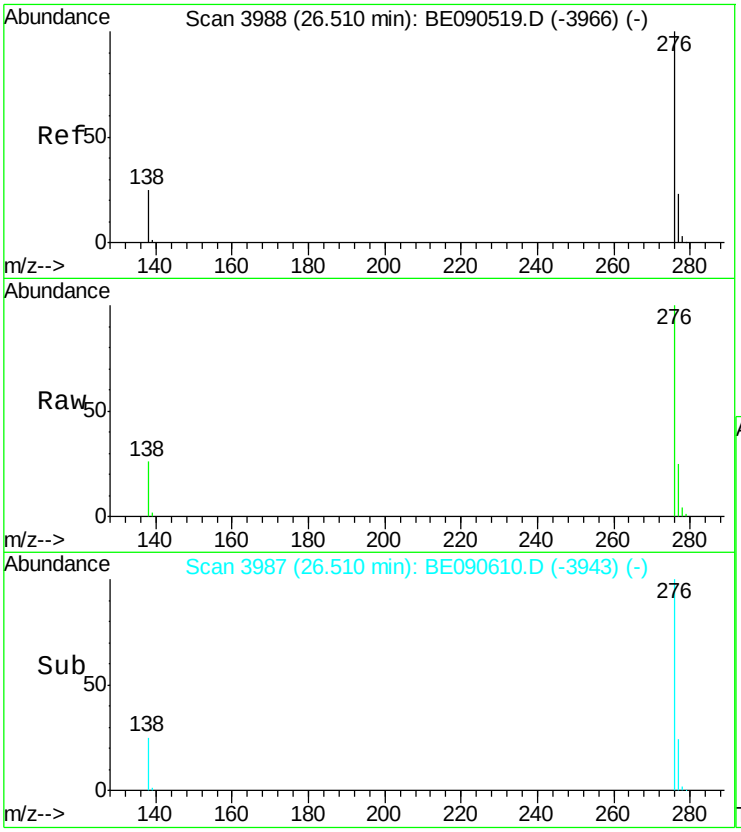


#36
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 25.80 min Scan# 3832
Delta R.T. 0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Tgt Ion:278 Resp: 30714

Ion	Ratio	Lower	Upper
278	100		
139	20.3	14.2	21.4
279	23.9	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.93 ng
RT: 26.51 min Scan# 3987
Delta R.T. -0.00 min
Lab File: BE090610.D
Acq: 25 Aug 2015 12:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 34661

Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	26.1	18.1	27.1