Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090608.D
Acq On : 24 Aug 2015 19:23
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Aug 24 23:01:04 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	7.58	152	20292	5.00	ng		0.00
6) Naphthalene-d8	10.33	136	92414	5.00	ng		0.00
12) Acenaphthene-d10	14.19	164	54627	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	140390	5.00	ng		0.00
25) Chrysene-d12	21.09	240	158545	5.00	ng		0.00
32) Perylene-d12	23.40	264	138325	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4418	0.75	ng		0.00
5) Phenol-d6	6.78	99	5827	0.68	ng		0.00
7) Nitrobenzene-d5	8.73	82	6642	0.90	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	1770	0.84	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	15296	0.94	ng		0.00
27) Terphenyl-d14	19.56	244	26209	0.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	3104	1.29	ng		91
3) n-Nitrosodimethylamine	3.49	42	3663	1.05	ng		85
8) Nitrobenzene	8.77	77	6658	0.87	ng		99
9) Naphthalene	10.39	128	20514	0.98	ng		99
10) Hexachlorobutadiene	10.67	225	3179	1.03	ng		99
11) 2-Methylnaphthalene	12.01	142	13081	0.96	ng		97
15) Acenaphthylene	13.91	152	93289	0.94	ng		100
16) Acenaphthene	14.26	154	14447	0.96	ng		82
17) Fluorene	15.26	166	18813	1.02	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	5313	0.93	ng		81
20) Hexachlorobenzene	16.27	284	24642	0.97	ng		94
21) Pentachlorophenol	16.61	266	1659	0.81	ng		93
22) Phenanthrene	16.98	178	35009	0.95	ng		100
23) Anthracene	17.07	178	31629	0.93	ng		100
24) Fluoranthene	18.98	202	38701	0.99	ng		99
26) Pyrene	19.34	202	41075	0.91	ng		100
28) Benzo(a)anthracene	21.08	228	38380	0.92	ng		98
29) Chrysene	21.13	228	42558	1.00	ng		99
30) Bis(2-ethylhexyl)phthalate	21.02	149	13057	0.65	ng		100
31) Indeno(1,2,3-cd)pyrene	25.79	276	35637	0.89	ng	#	92
33) Benzo(b)fluoranthene	22.70	252	30750	0.94	ng		98
34) Benzo(k)fluoranthene	22.74	252	38414	1.03	ng		98
35) Benzo(a)pyrene	23.29	252	28895	0.94	ng		98
36) Dibenzo(a,h)anthracene	25.81	278	26961	0.91	ng		97
37) Benzo(g,h,i)perylene	26.51	276	29978	0.93	ng		95

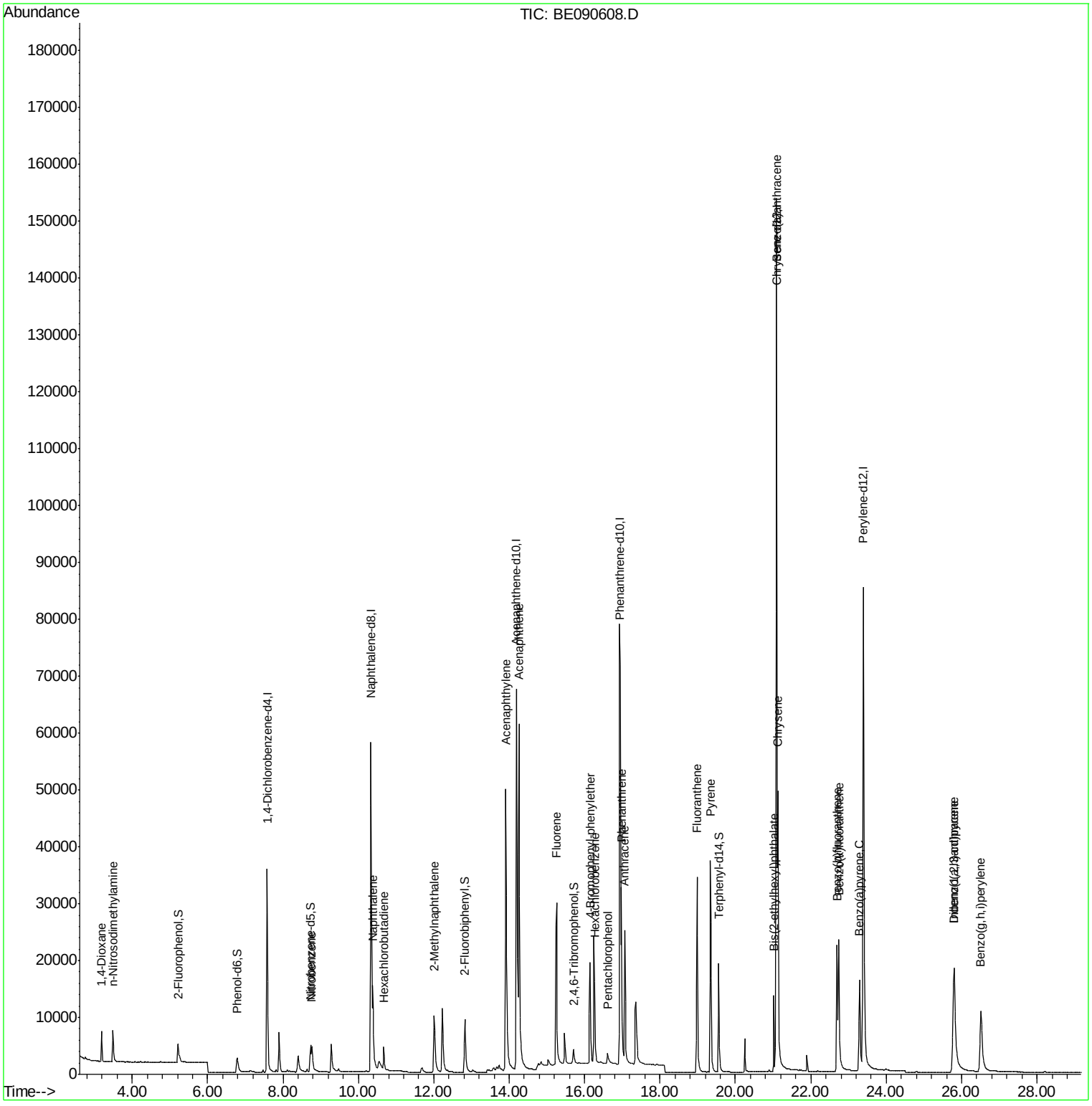
(#) = qualifier out of range (m) = manual integration (+) = signals summed

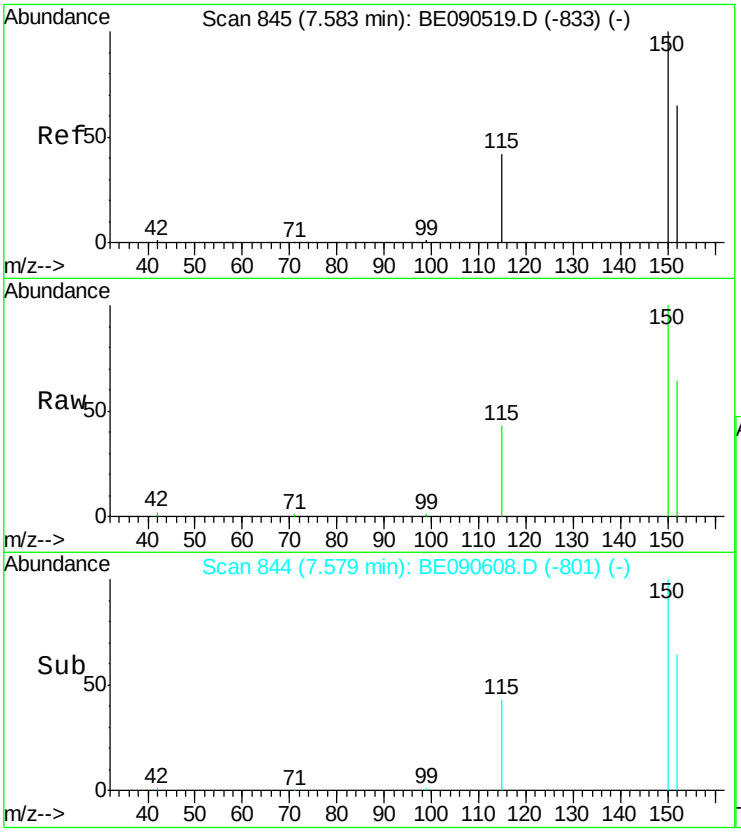
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082415\
Data File : BE090608.D
Acq On : 24 Aug 2015 19:23
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Aug 24 23:01:04 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



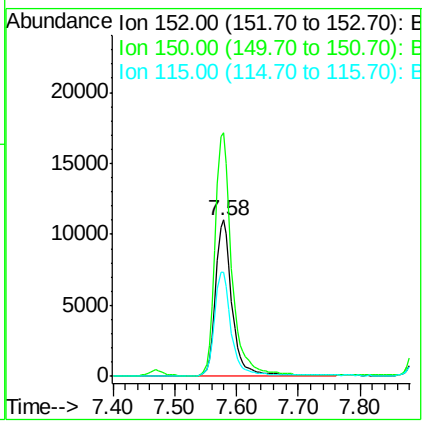


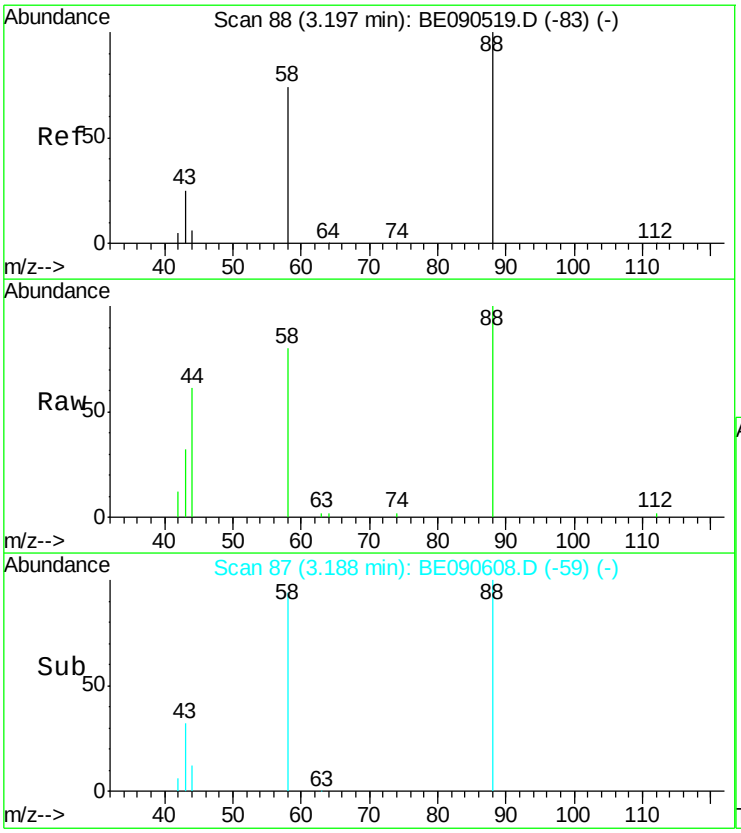
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 20292

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	67.1	48.9	73.3

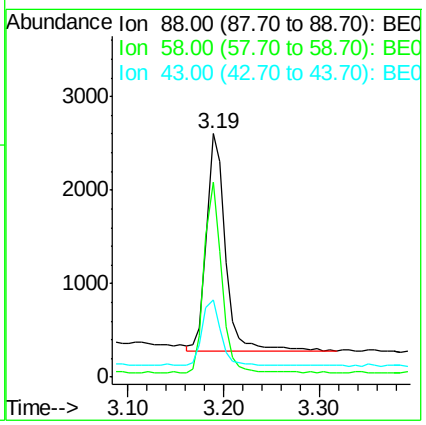


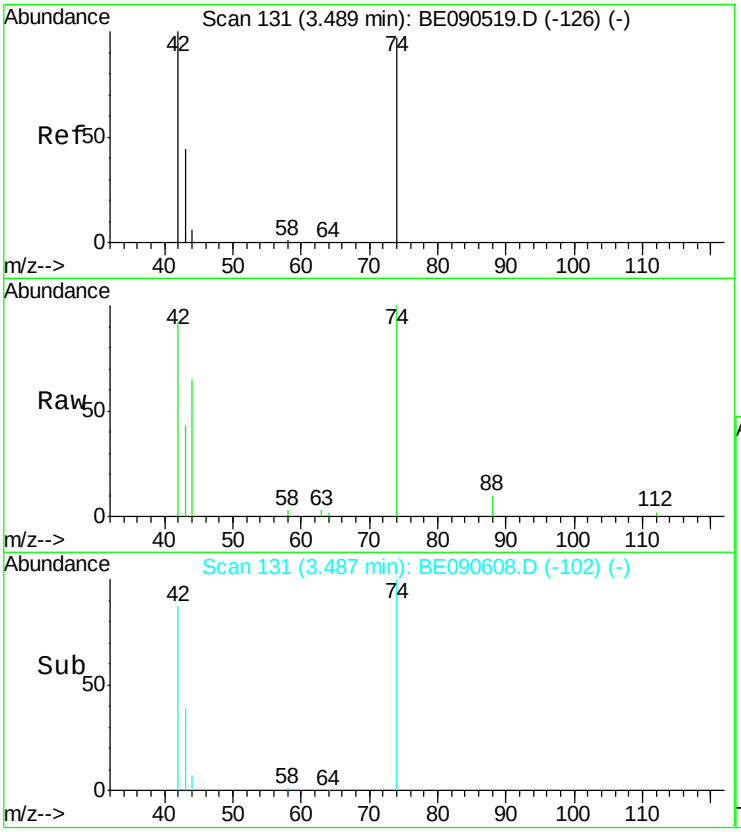


#2
1,4-Dioxane
Concen: 1.29 ng
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion: 88 Resp: 3104

Ion	Ratio	Lower	Upper
88	100		
58	79.4	70.0	105.0
43	29.8	28.4	42.6



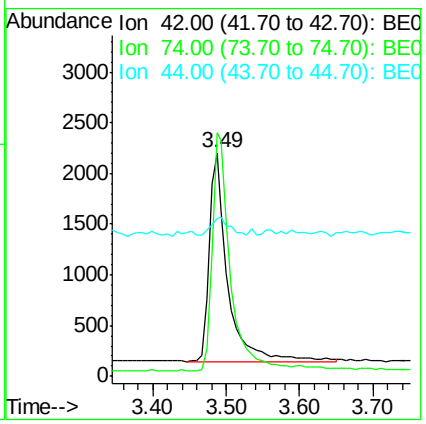


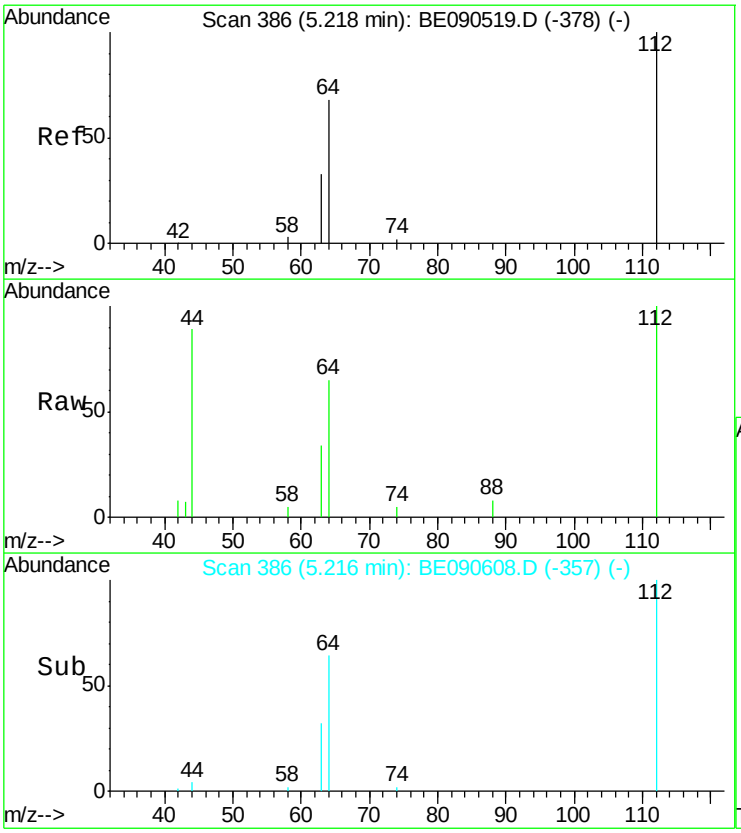
#3
n-Nitrosodimethylamine
Concen: 1.05 ng
RT: 3.49 min Scan# 131
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3663

Ion	Ratio	Lower	Upper
42	100		
74	110.4	75.2	112.8
44	10.0	8.7	13.1

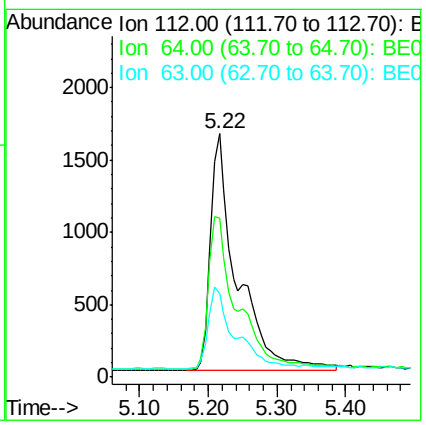


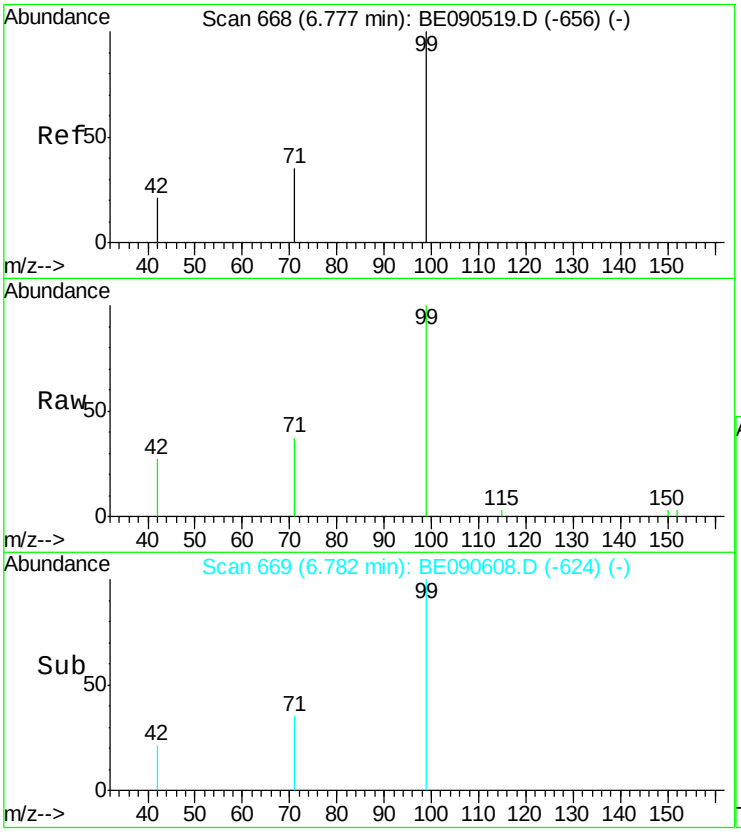


#4
2-Fluorophenol
Concen: 0.75 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:112 Resp: 4418

Ion	Ratio	Lower	Upper
112	100		
64	70.1	37.1	55.7#
63	34.7	19.5	29.3#



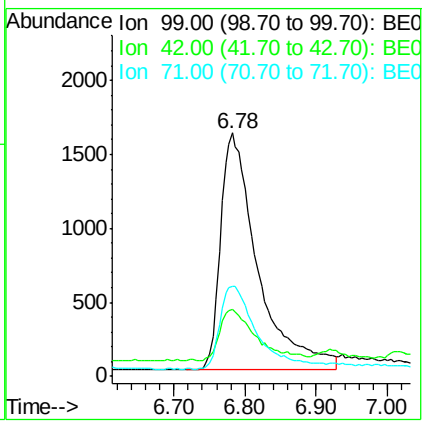


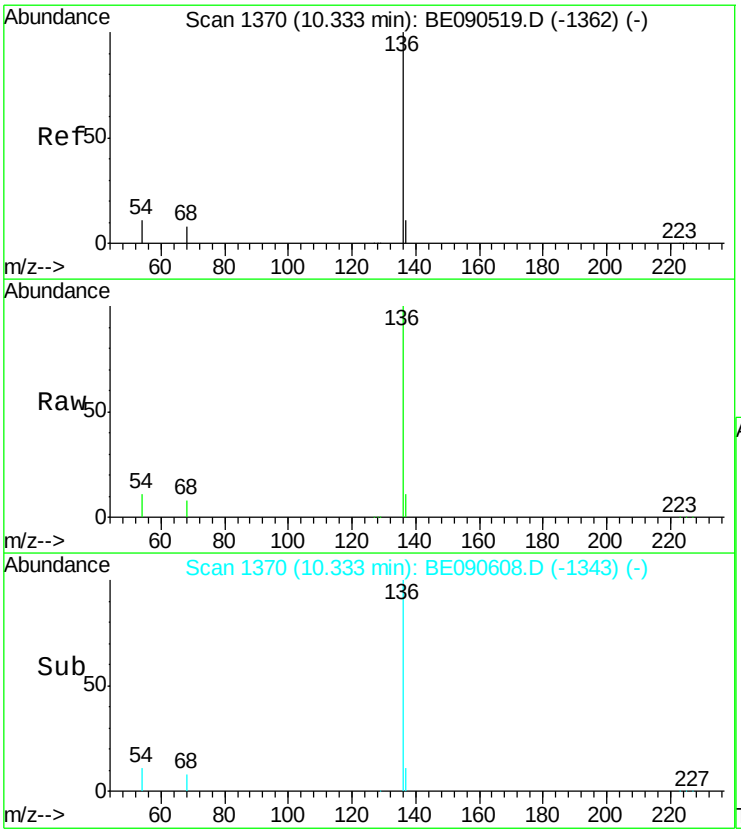
#5
Phenol-d6
Concen: 0.68 ng
RT: 6.78 min Scan# 669
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 5827

Ion	Ratio	Lower	Upper
99	100		
42	20.6	18.2	27.4
71	34.6	27.4	41.0

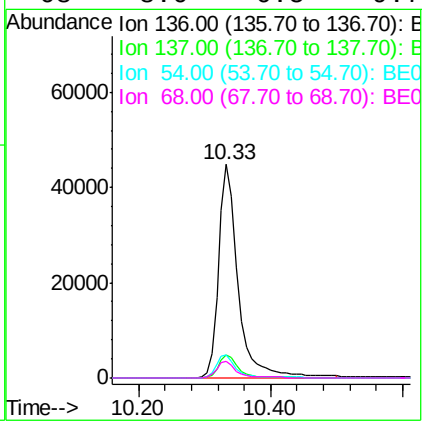


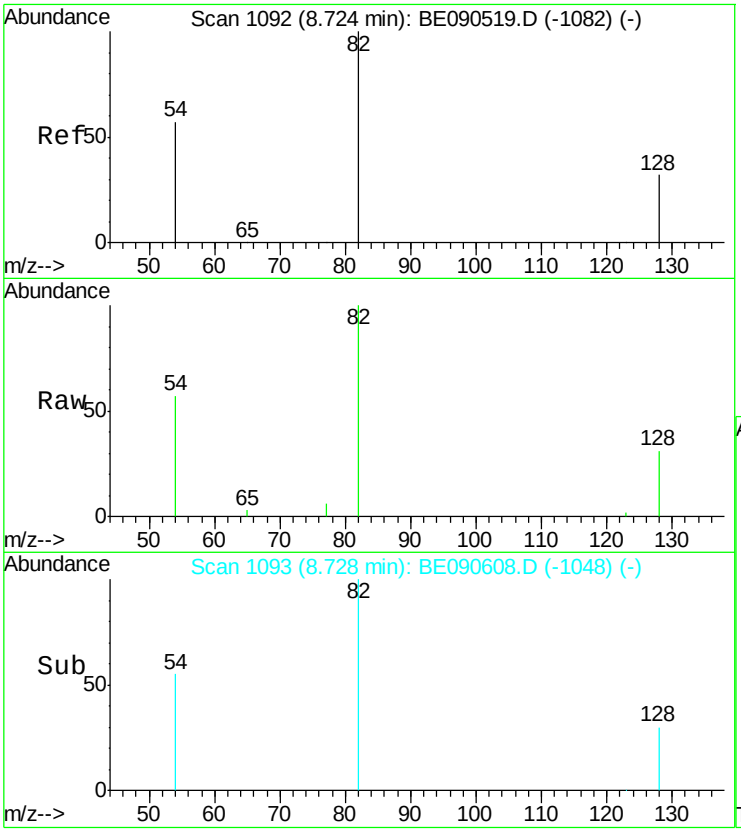


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.33 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:136 Resp: 92414

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.8	9.4	14.0
68	8.0	6.5	9.7



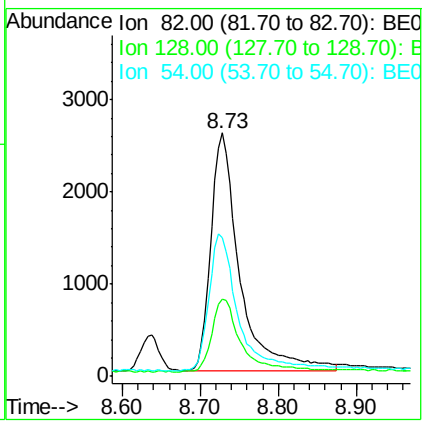


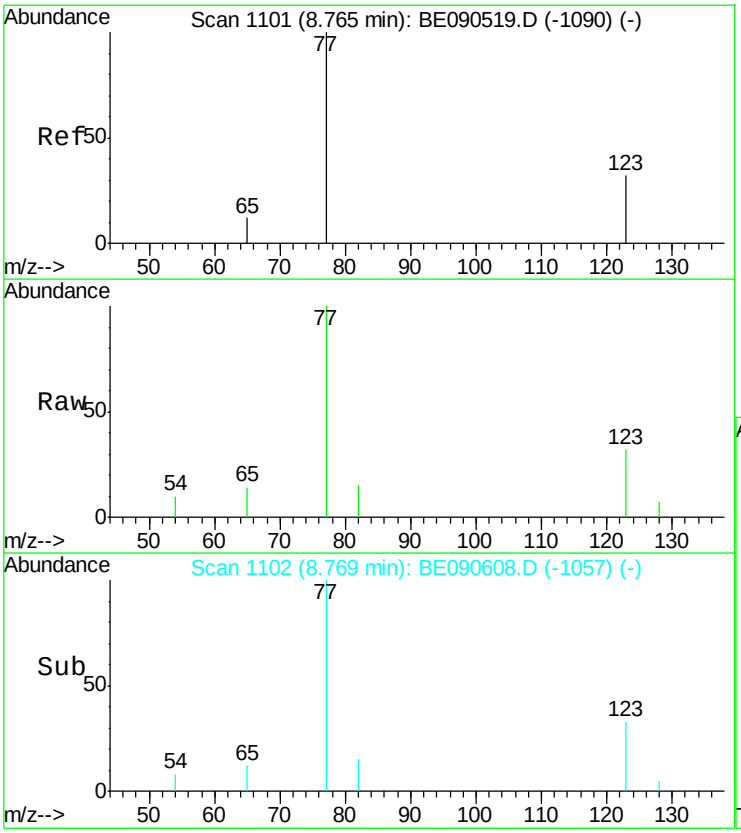
#7
Nitrobenzene-d5
Concen: 0.90 ng
RT: 8.73 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 6642

Ion	Ratio	Lower	Upper
82	100		
128	31.5	25.0	37.6
54	57.0	48.8	73.2

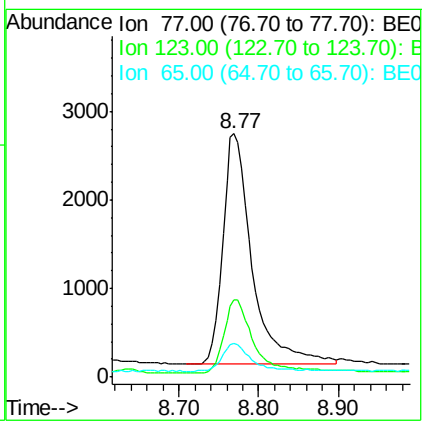


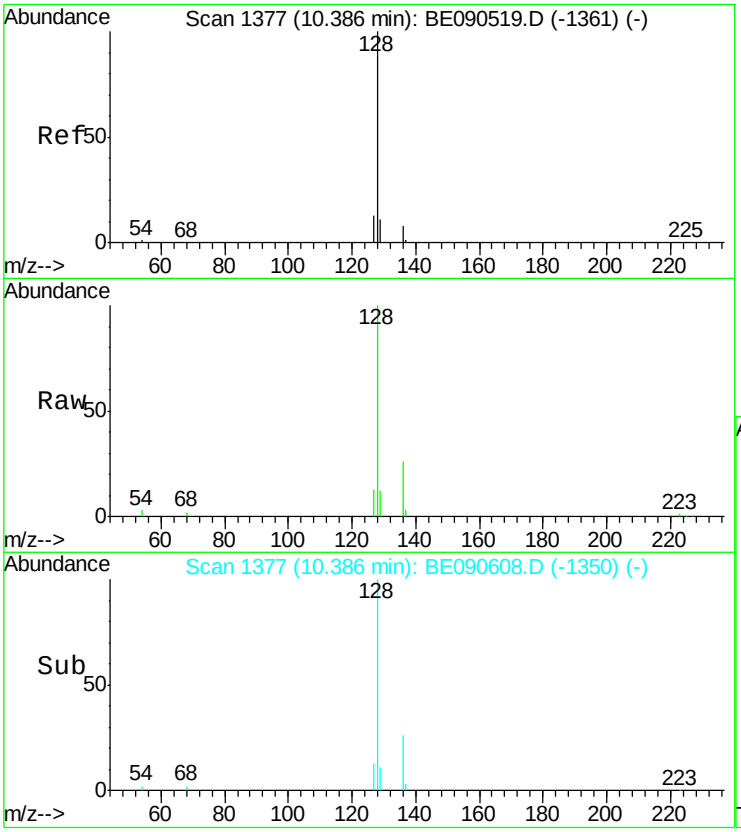


#8
Nitrobenzene
Concen: 0.87 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion: 77 Resp: 6658

Ion	Ratio	Lower	Upper
77	100		
123	32.2	25.1	37.7
65	11.9	9.3	13.9



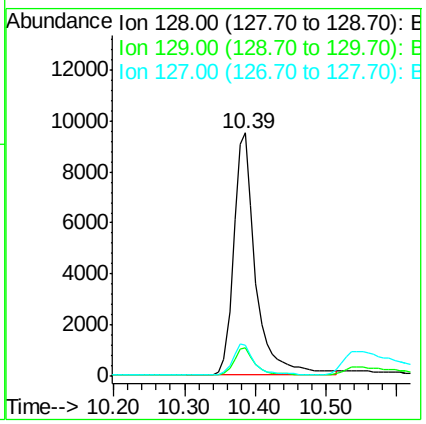


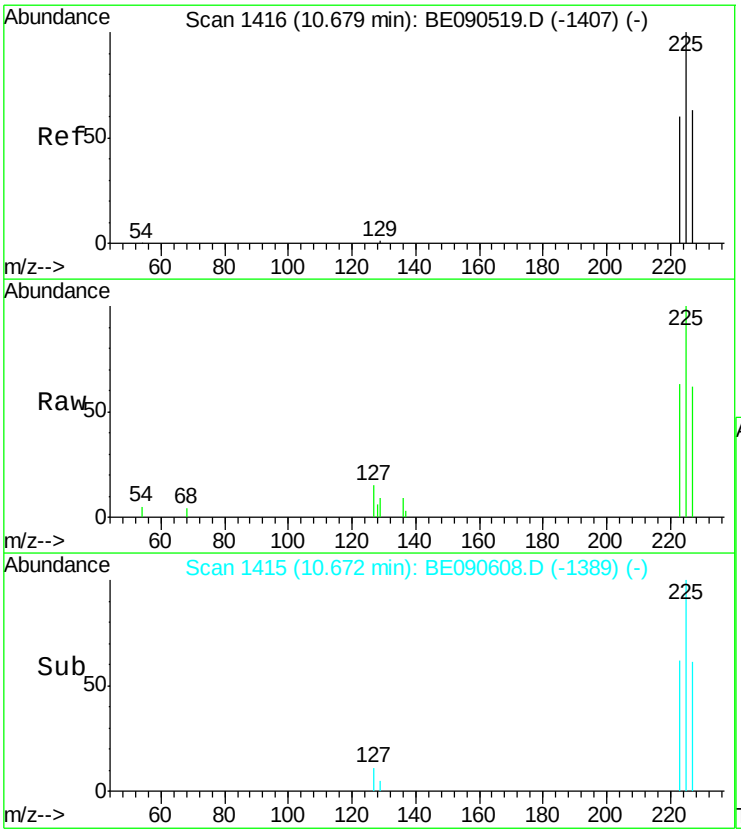
#9
Naphthalene
Concen: 0.98 ng
RT: 10.39 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 20514

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.0	10.6	16.0

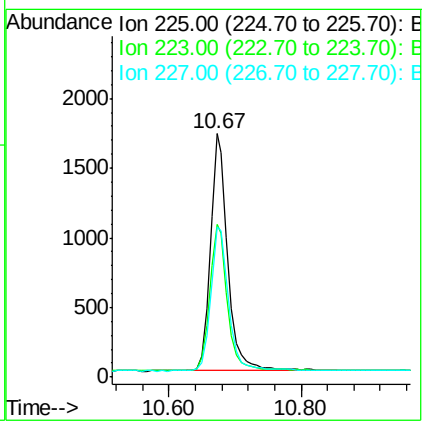


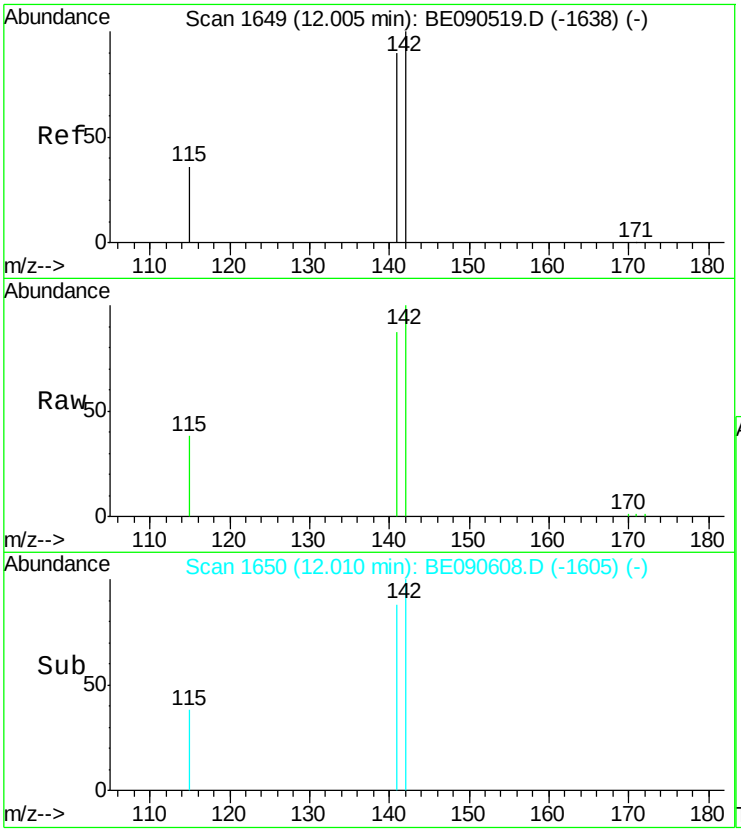


#10
Hexachlorobutadiene
Concen: 1.03 ng
RT: 10.67 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:225 Resp: 3179

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	75.8
227	63.1	50.7	76.1



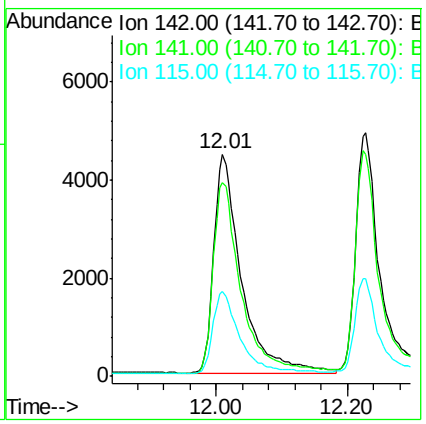


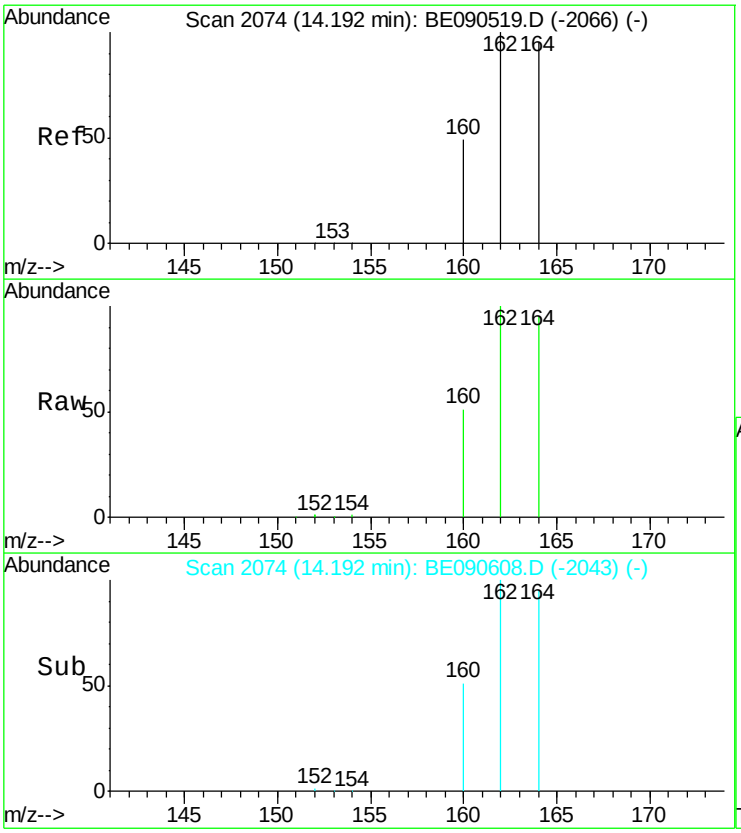
#11
2-Methylnaphthalene
Concen: 0.96 ng
RT: 12.01 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 13081

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.6	109.0
115	38.3	31.6	47.4

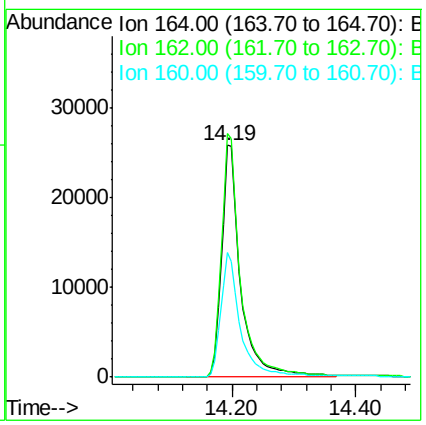


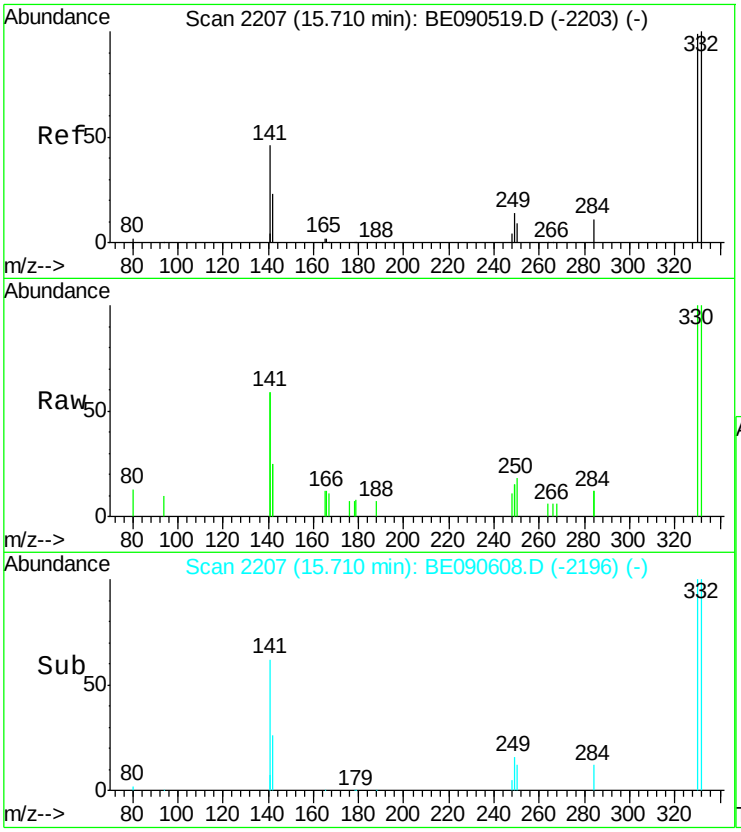


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:164 Resp: 54627

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.8	122.8
160	53.9	44.2	66.4



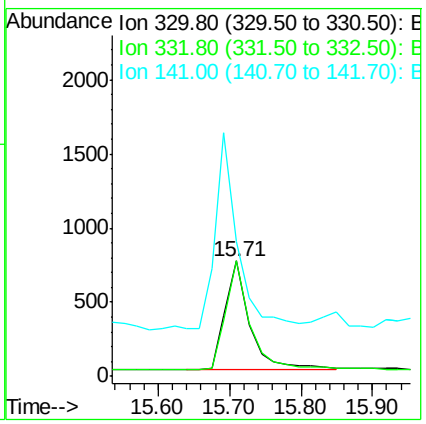


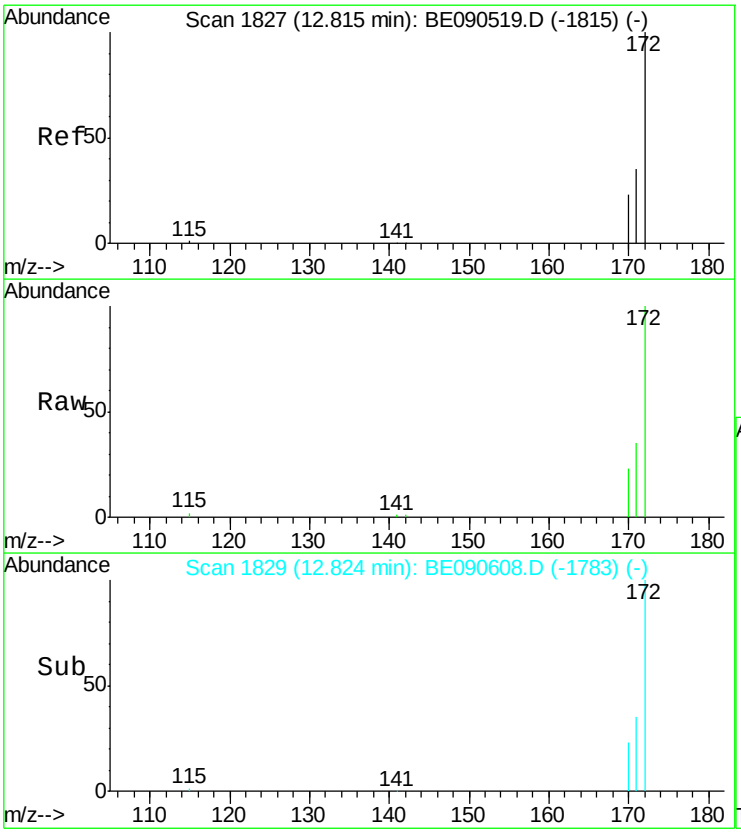
#13
2,4,6-Tribromophenol
Concen: 0.84 ng
RT: 15.71 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1770

Ion	Ratio	Lower	Upper
330	100		
332	98.1	75.8	113.6
141	165.6	114.4	171.6

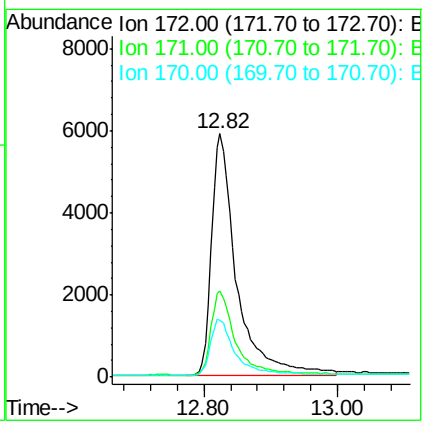


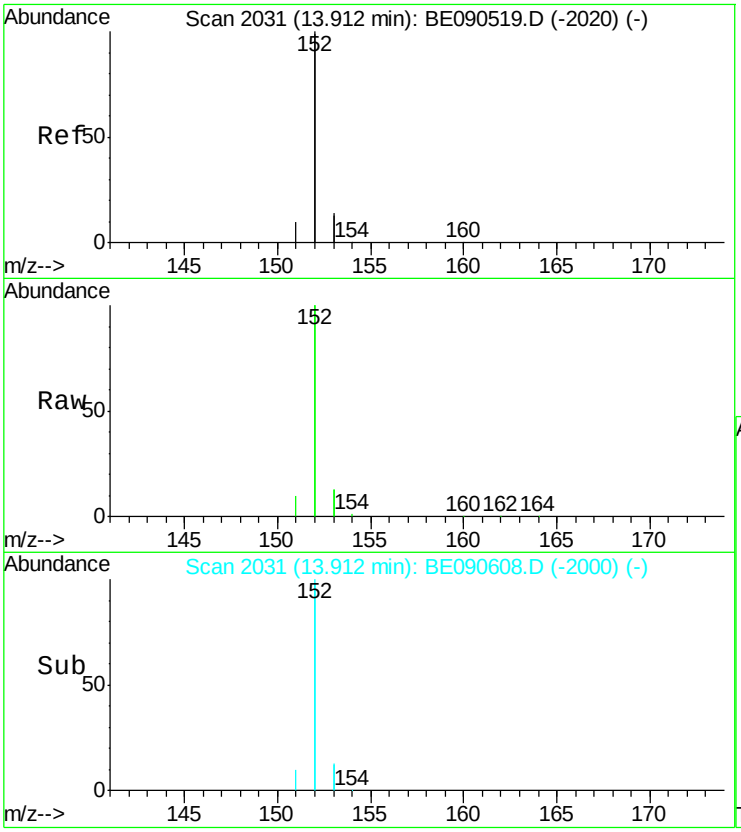


#14
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.82 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:172 Resp: 15296

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.3	19.8	29.8



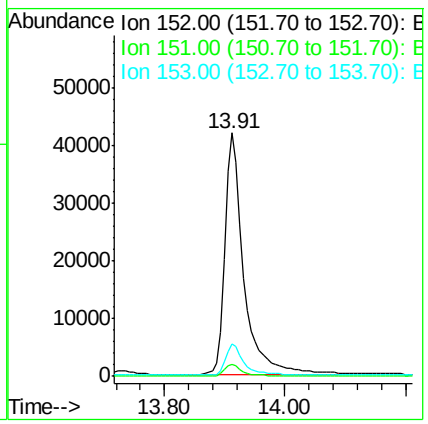


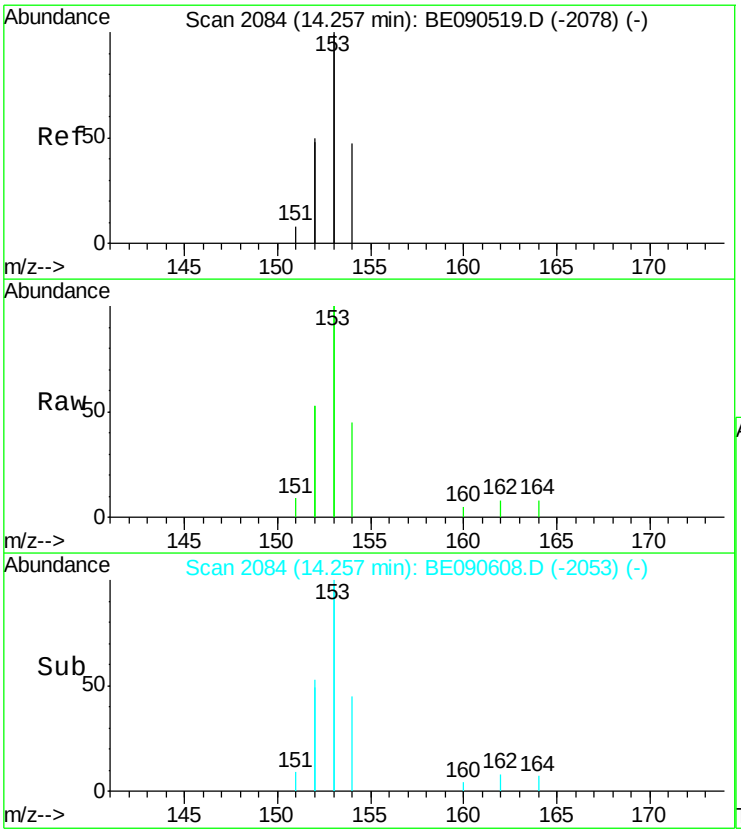
#15
Acenaphthylene
Concen: 0.94 ng
RT: 13.91 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 93289

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	12.9	10.3	15.5

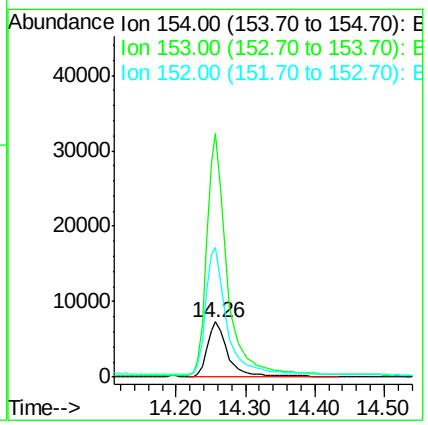


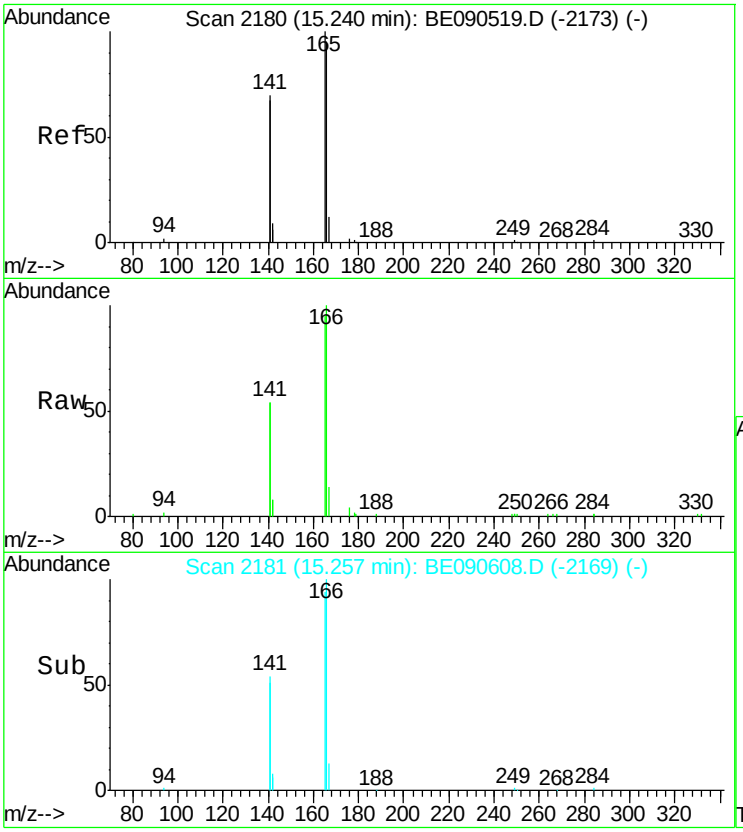


#16
Acenaphthene
Concen: 0.96 ng
RT: 14.26 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:154 Resp: 14447

Ion	Ratio	Lower	Upper
154	100		
153	441.8	376.2	564.2
152	236.4	235.0	352.4



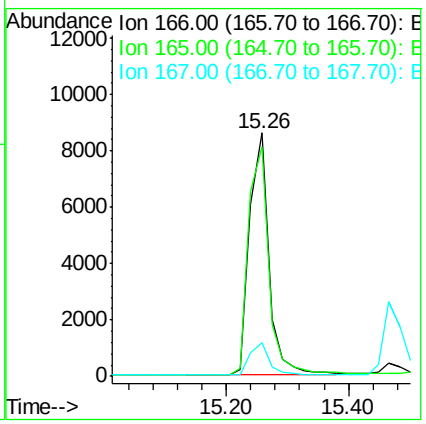


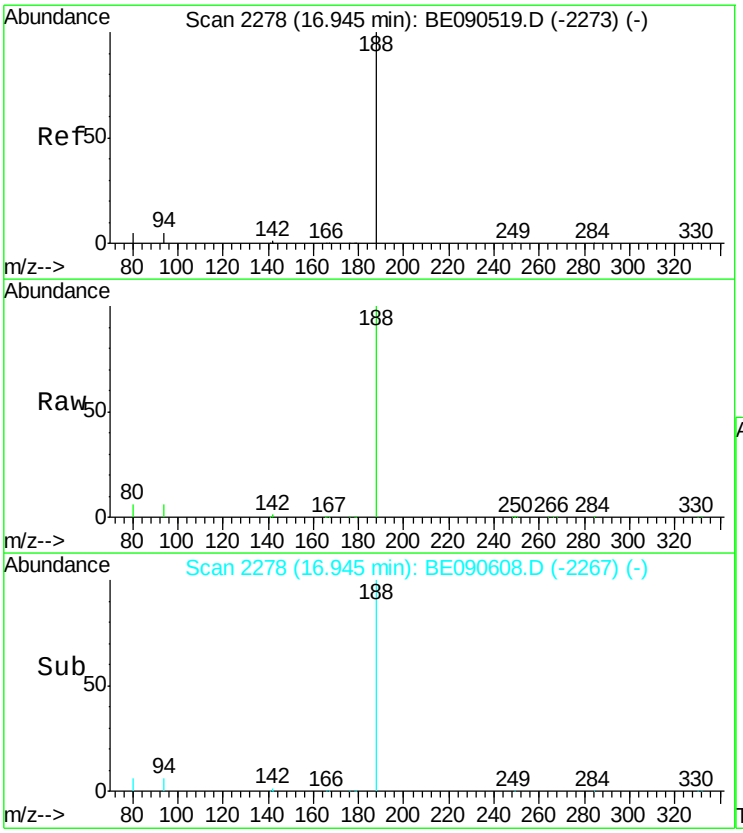
#17
Fluorene
Concen: 1.02 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.02 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 18813

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.5	122.3
167	13.4	11.4	17.0

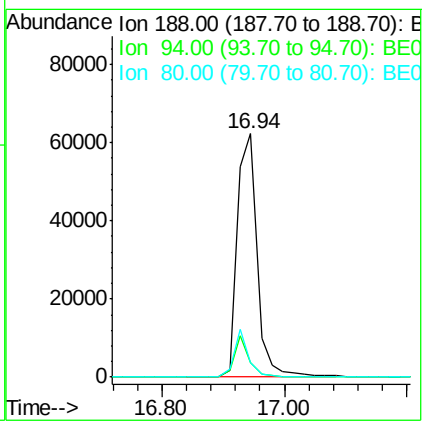


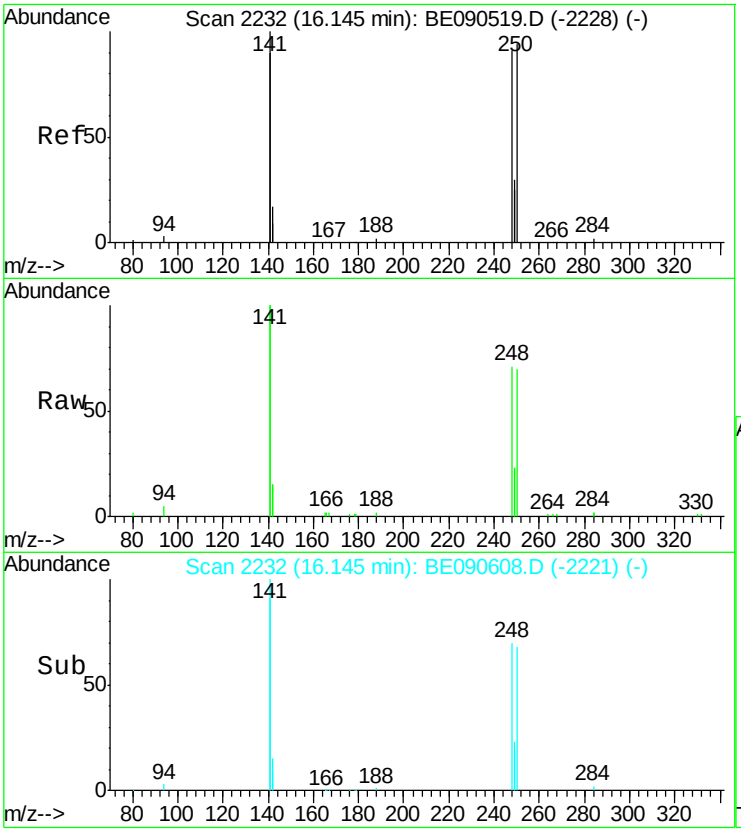


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:188 Resp: 140390

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.1	5.8	8.8



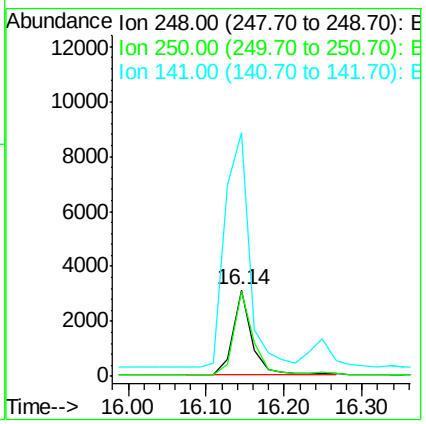


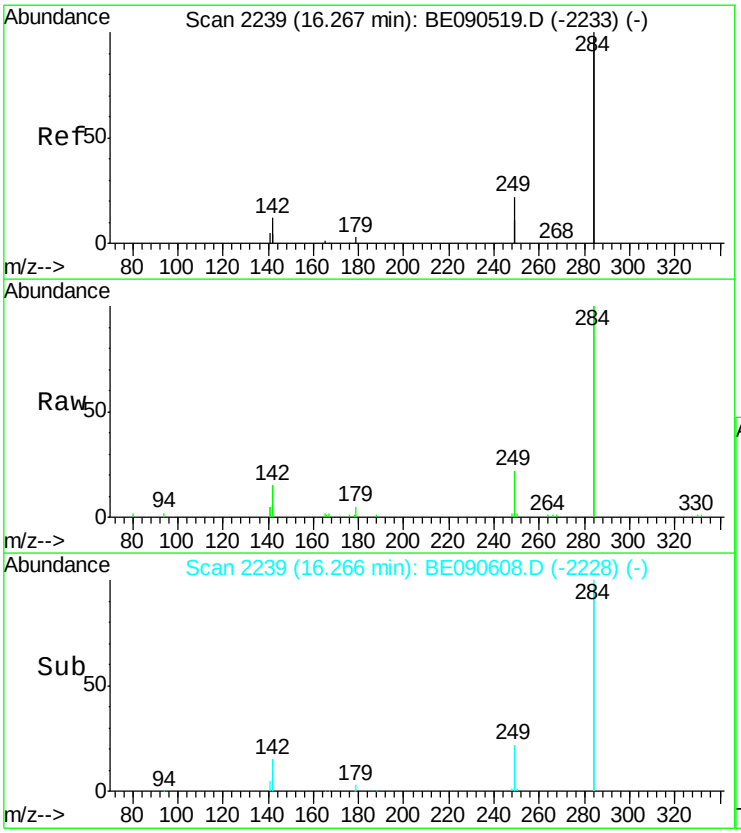
#19
4-Bromophenyl-phenylether
Concen: 0.93 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 5313

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	347.8	239.5	359.3

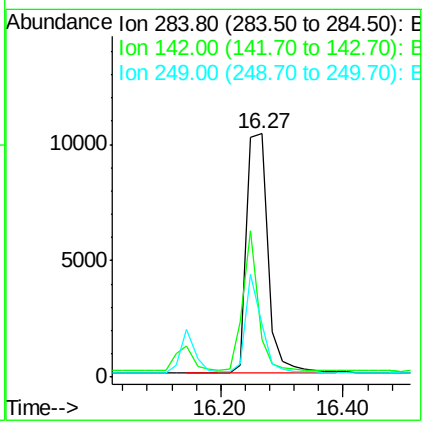


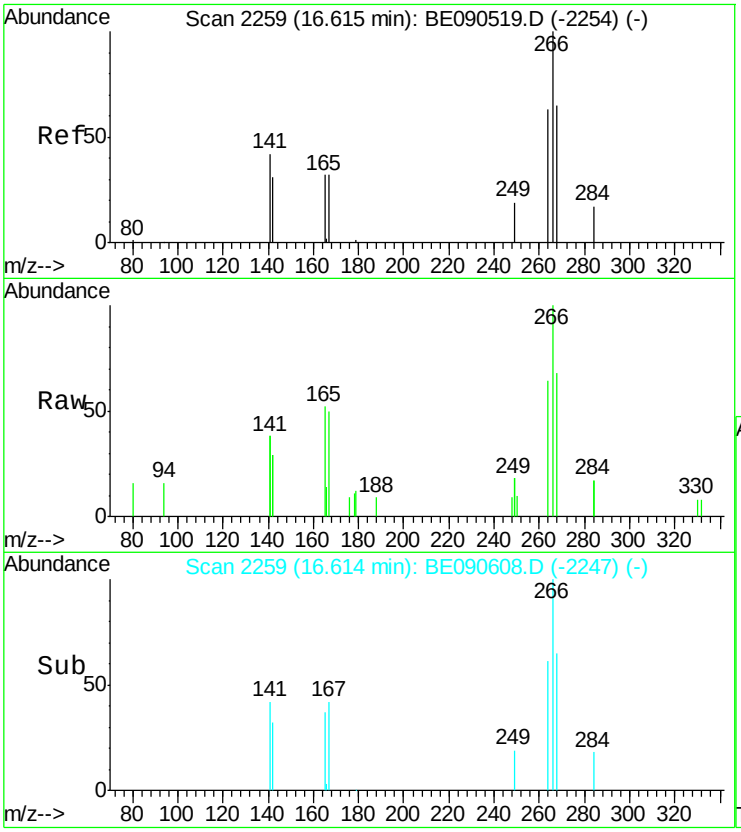


#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:284 Resp: 24642

Ion	Ratio	Lower	Upper
284	100		
142	42.5	30.1	45.1
249	30.7	25.7	38.5



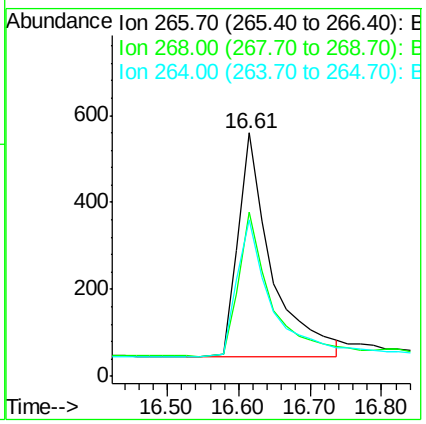


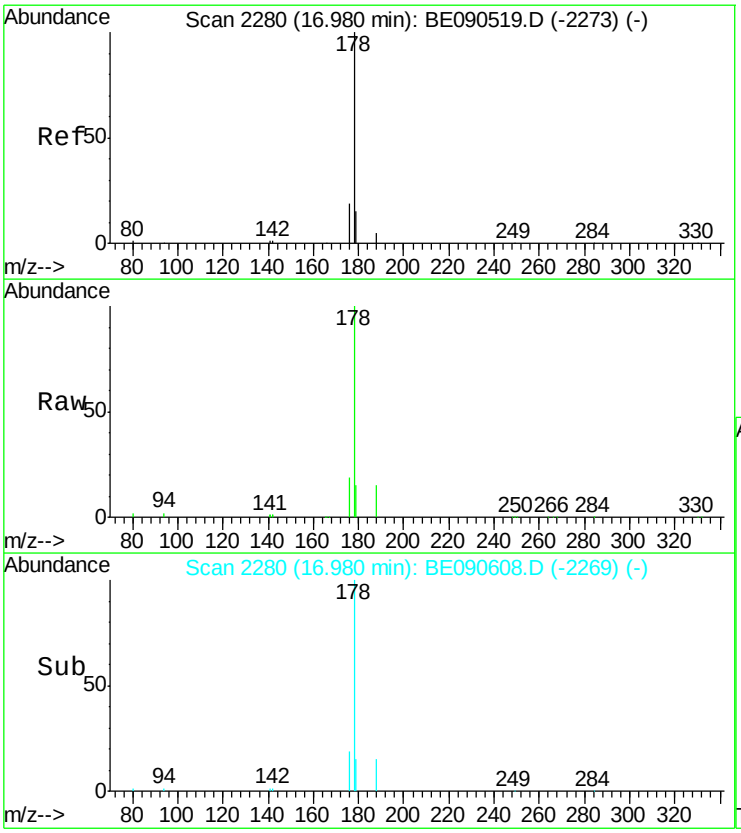
#21
Pentachlorophenol
Concen: 0.81 ng
RT: 16.61 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1659

Ion	Ratio	Lower	Upper
266	100		
268	67.5	58.5	87.7
264	64.3	56.0	84.0

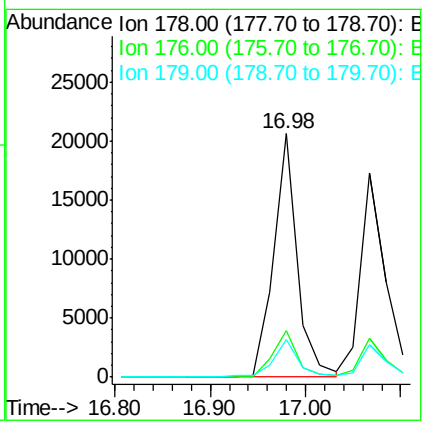


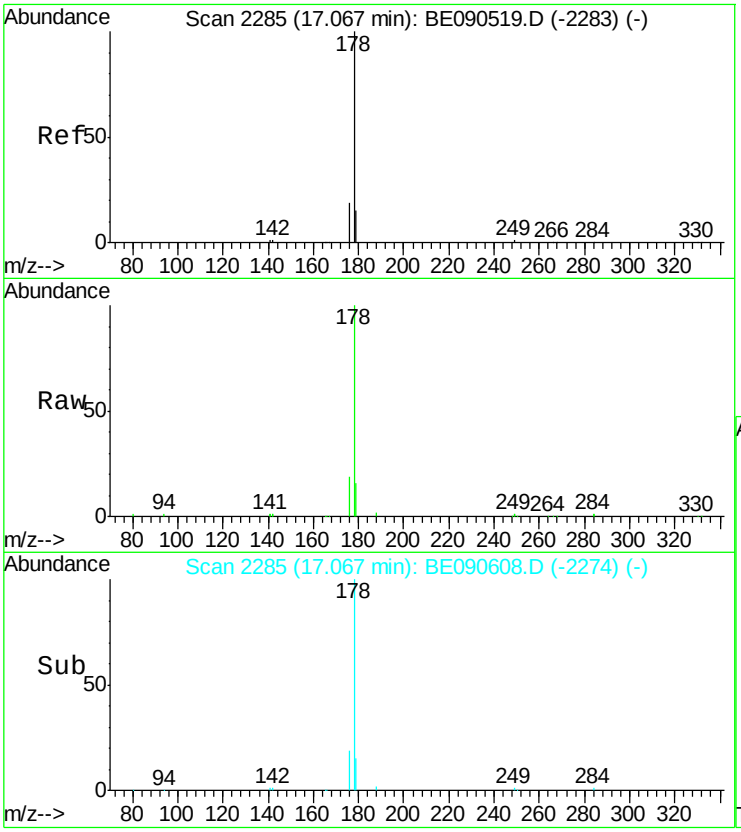


#22
Phenanthrene
Concen: 0.95 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:178 Resp: 35009

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.5	18.7



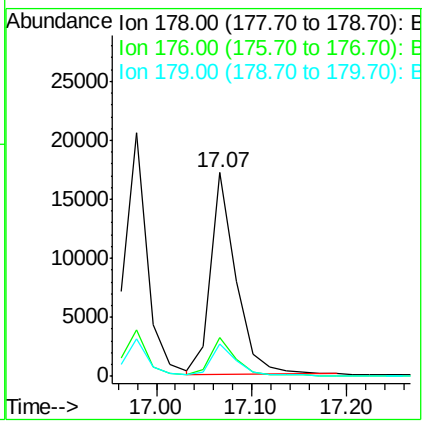


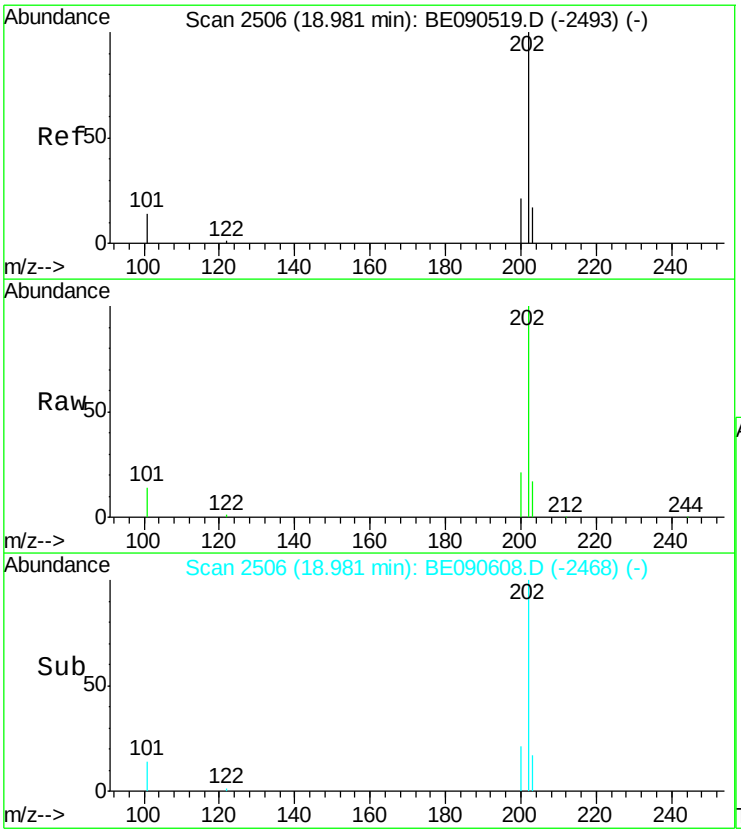
#23
Anthracene
Concen: 0.93 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 31629

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.4	12.2	18.4

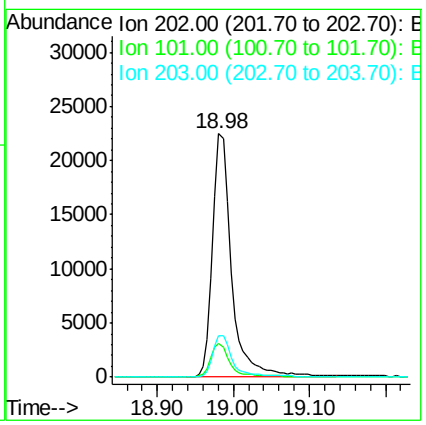


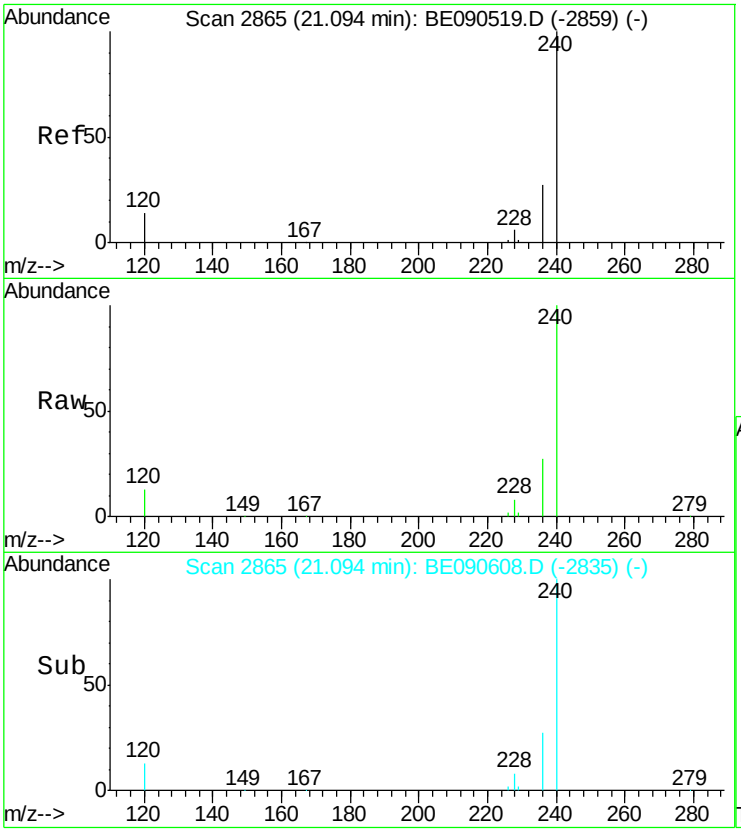


#24
Fluoranthene
Concen: 0.99 ng
RT: 18.98 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:202 Resp: 38701

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
203	17.3	13.7	20.5



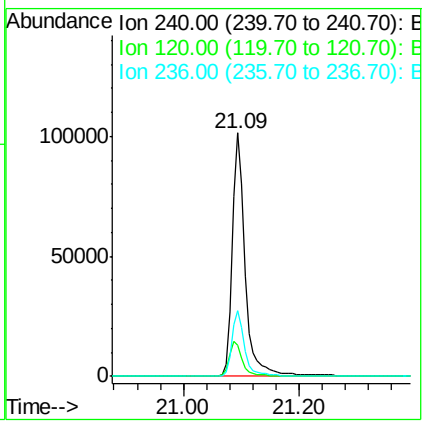


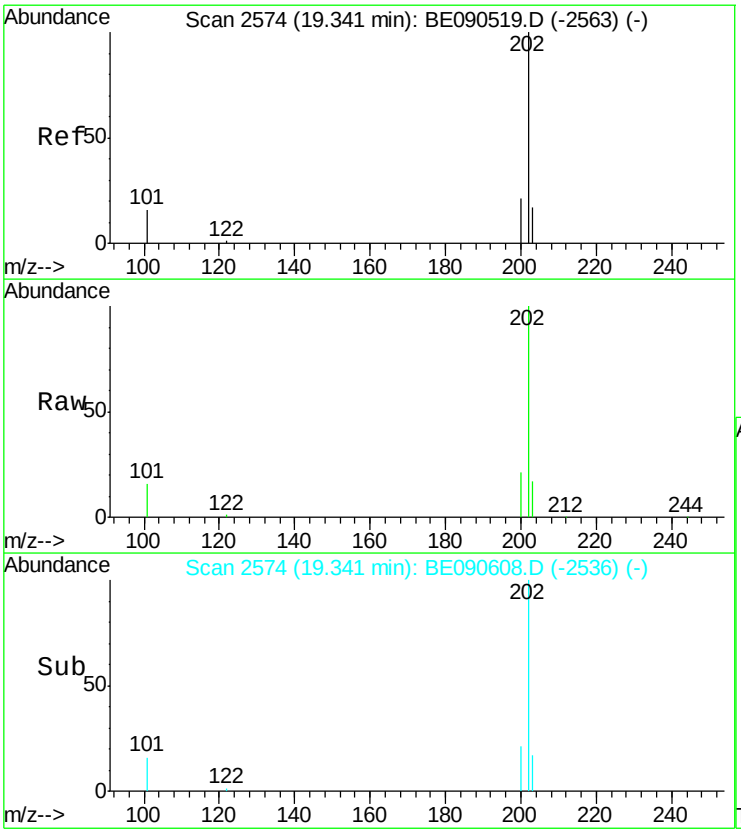
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 158545

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.8	21.0	31.4

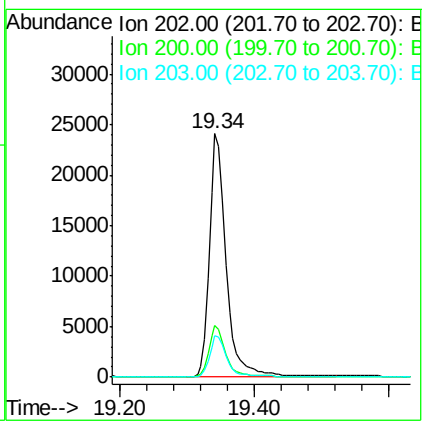


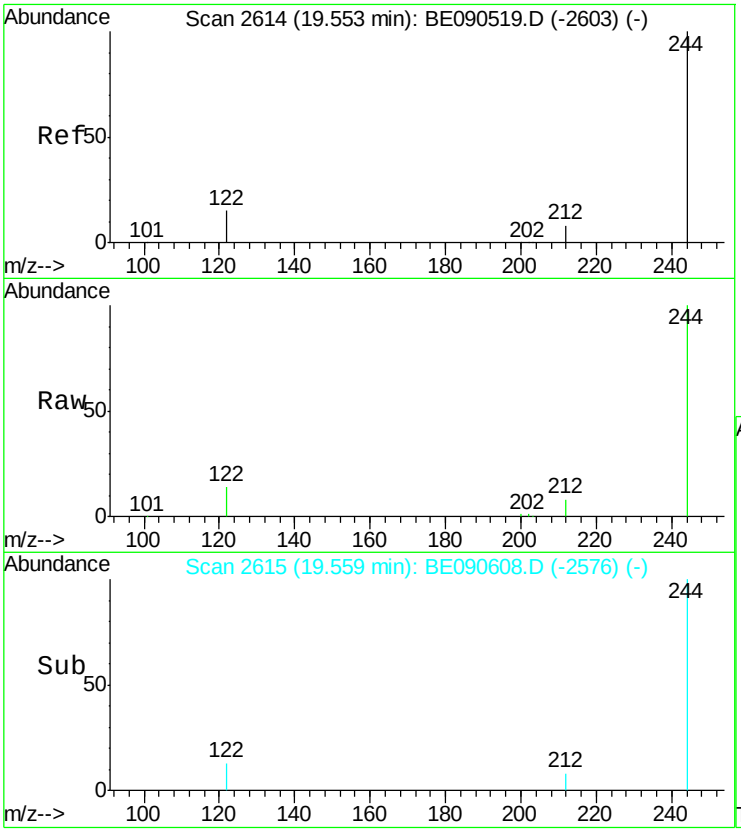


#26
Pyrene
Concen: 0.91 ng
RT: 19.34 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:202 Resp: 41075

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.2	13.8	20.8



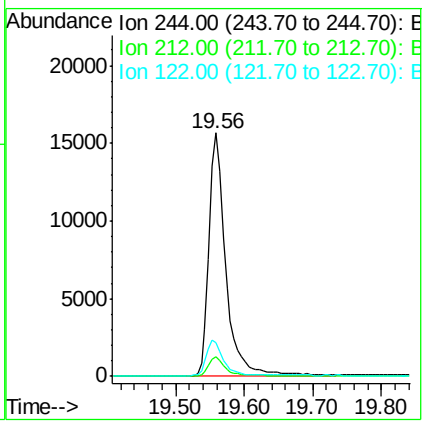


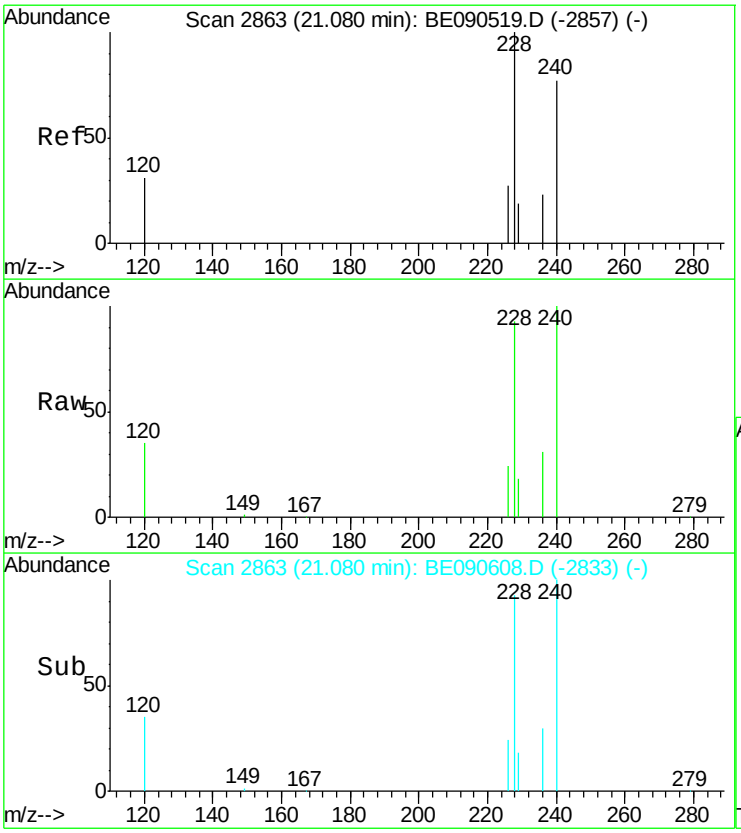
#27
Terphenyl-d14
Concen: 0.90 ng
RT: 19.56 min Scan# 2615
Delta R.T. 0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 26209

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	14.0	10.2	15.4

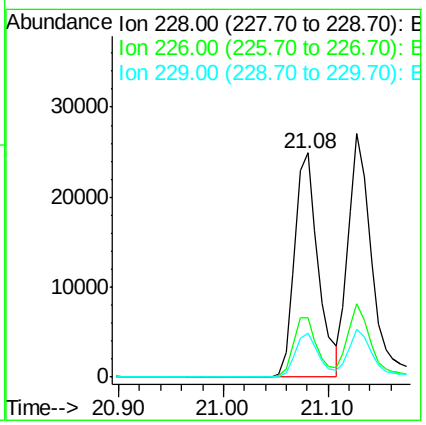


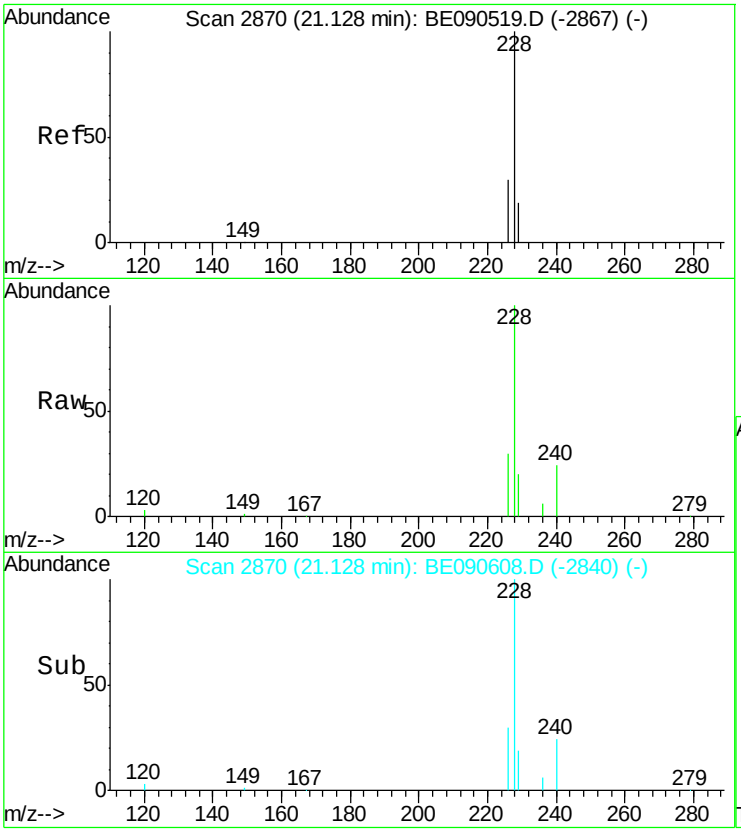


#28
Benzo(a)anthracene
Concen: 0.92 ng
RT: 21.08 min Scan# 2863
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:228 Resp: 38380

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.9	32.9
229	19.9	15.4	23.0



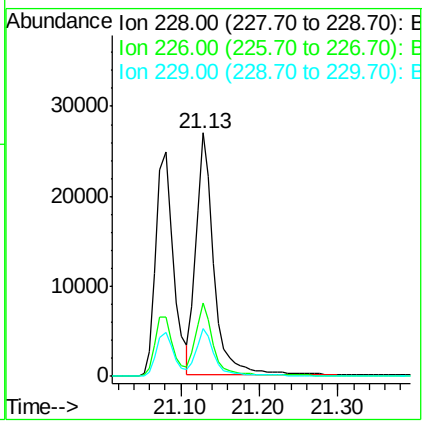


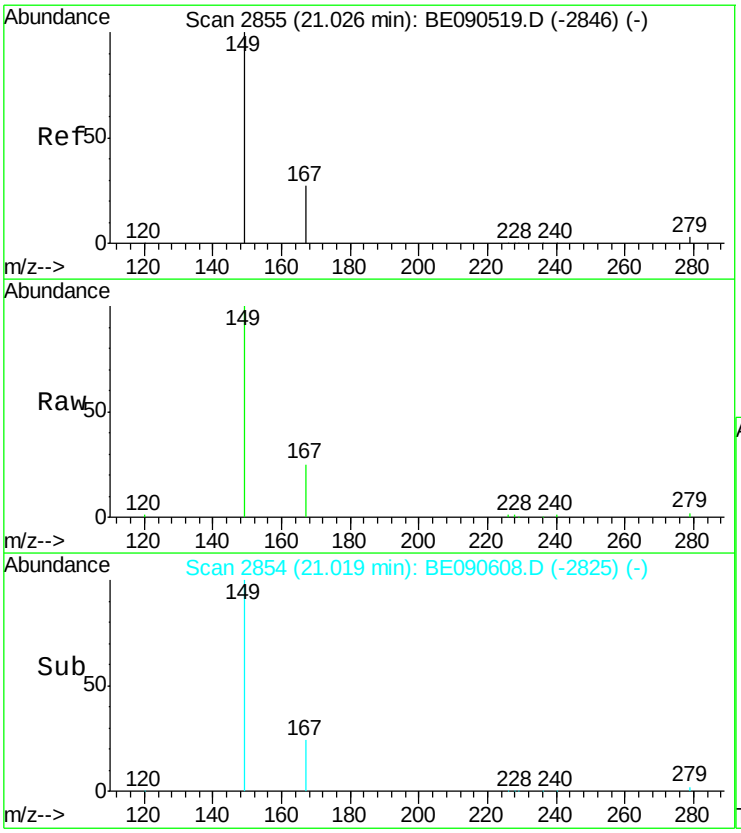
#29
Chrysene
Concen: 1.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 42558

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	19.5	15.8	23.8

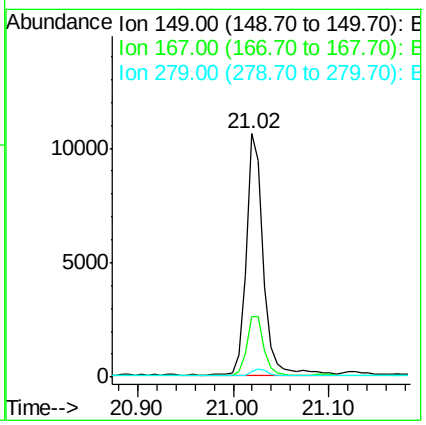


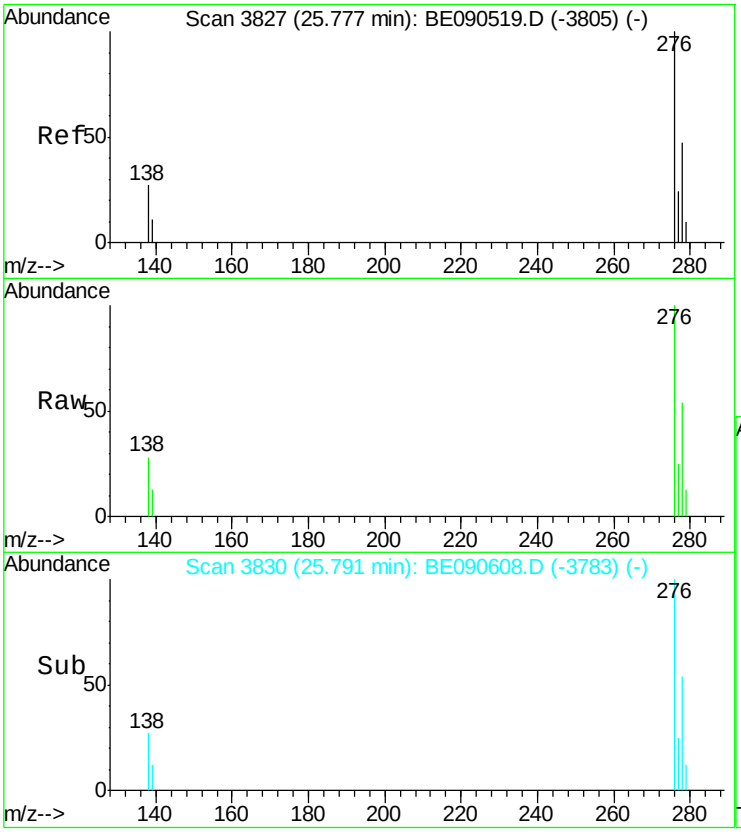


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.02 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:149 Resp: 13057

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.8	29.8
279	2.9	2.4	3.6



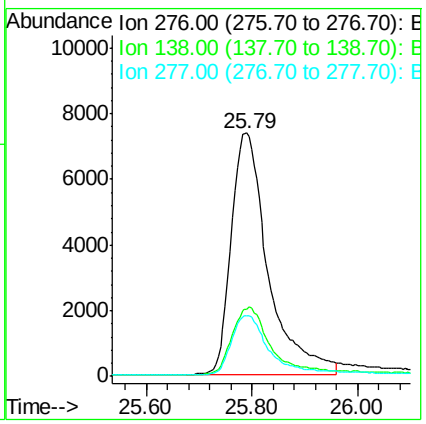


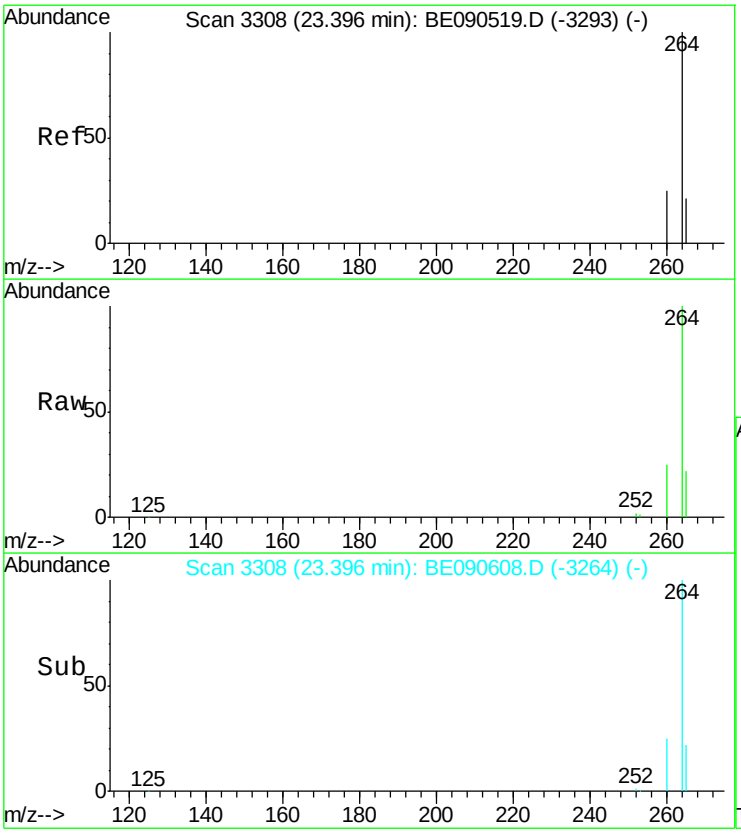
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.89 ng
RT: 25.79 min Scan# 3830
Delta R.T. 0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 35637

Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.8	28.2#
277	24.8	18.2	27.4

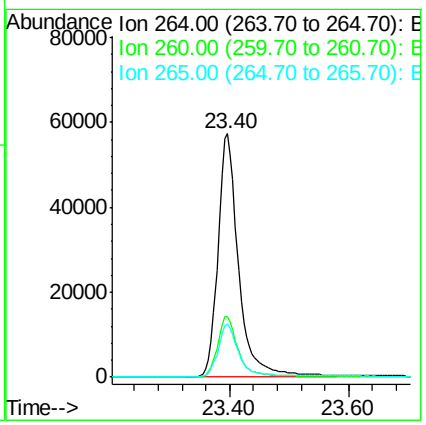


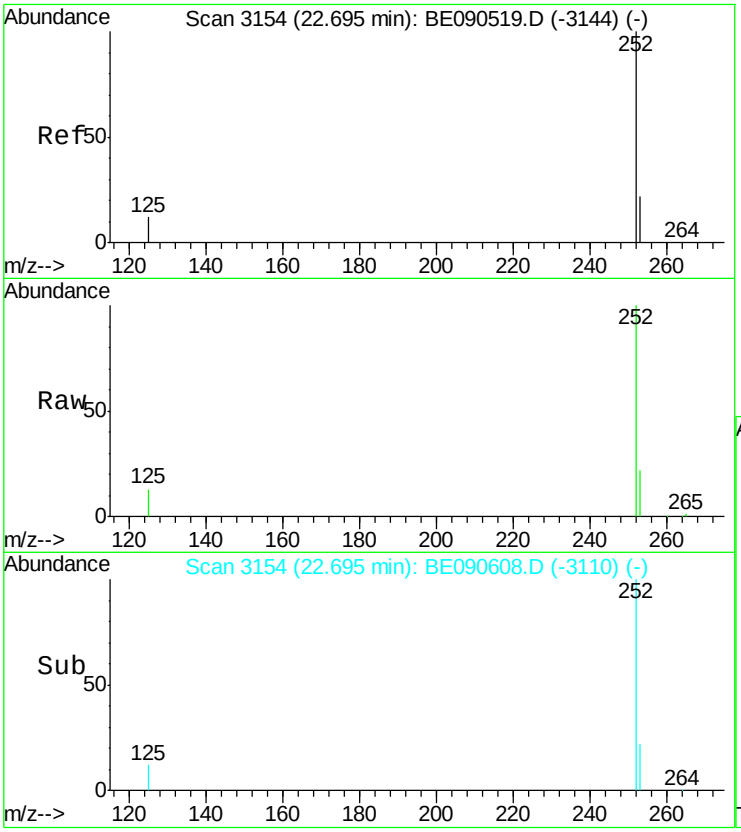


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:264 Resp: 138325

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.8	17.2	25.8



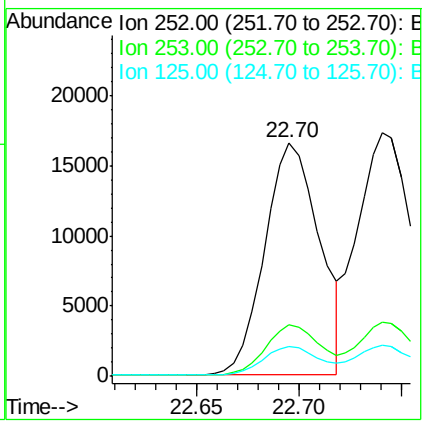


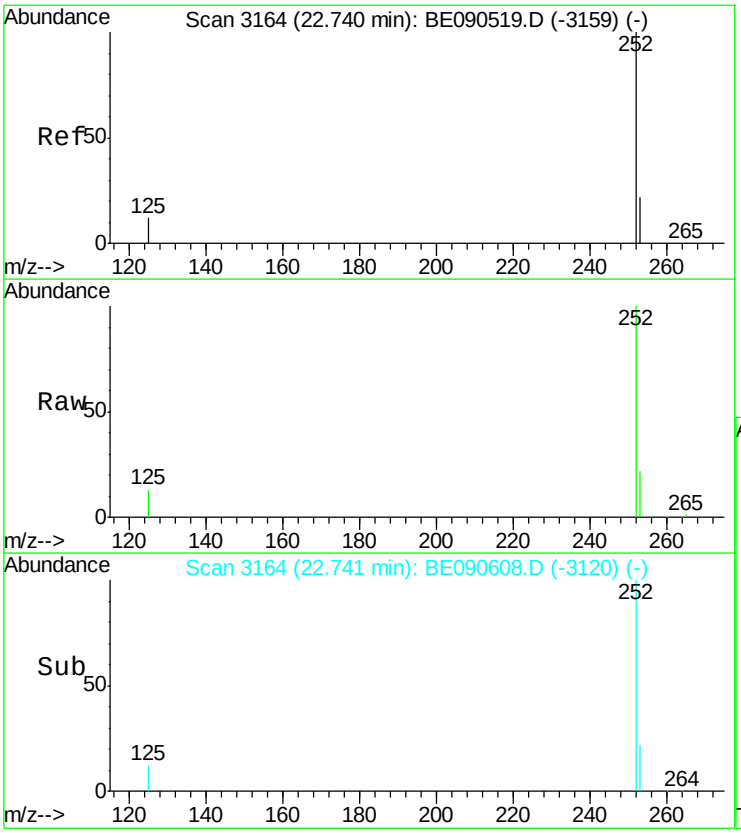
#33
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 22.70 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 30750

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.9	9.4	14.2

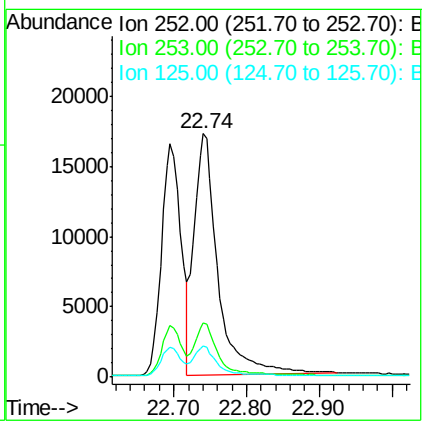


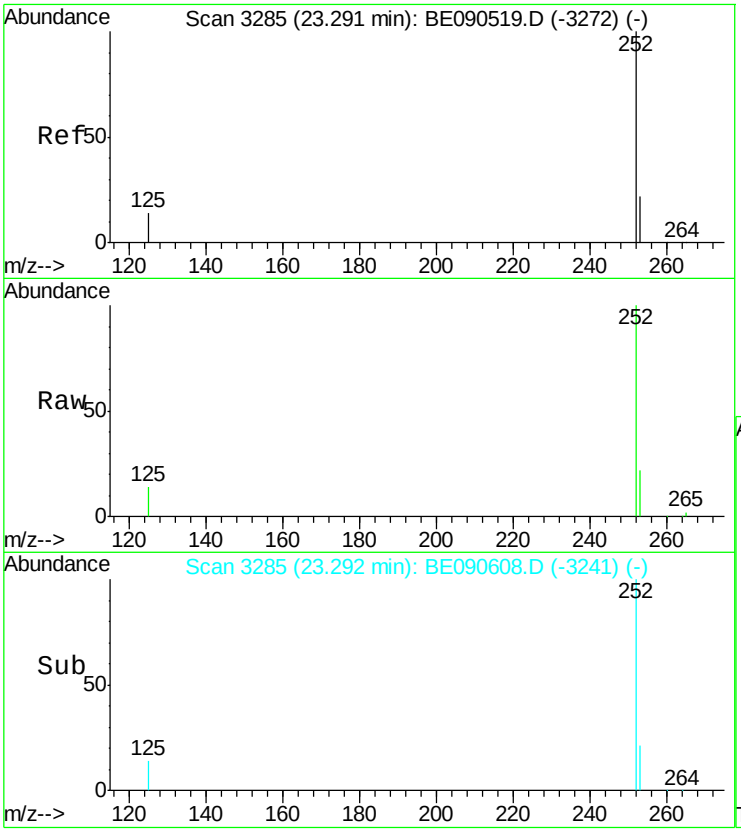


#34
Benzo(k)fluoranthene
Concen: 1.03 ng
RT: 22.74 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:252 Resp: 38414

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.8	9.1	13.7



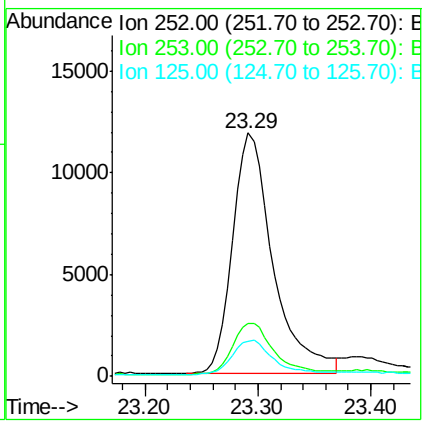


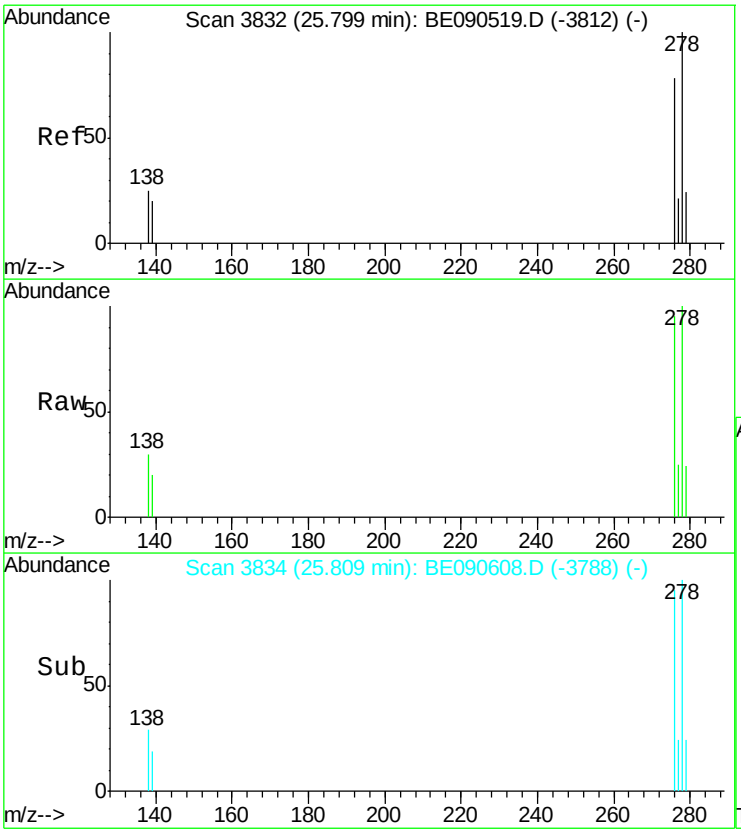
#35
Benzo(a)pyrene
Concen: 0.94 ng
RT: 23.29 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 28895

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	14.4	9.8	14.6

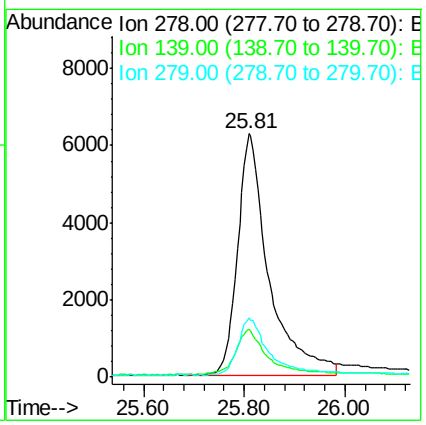


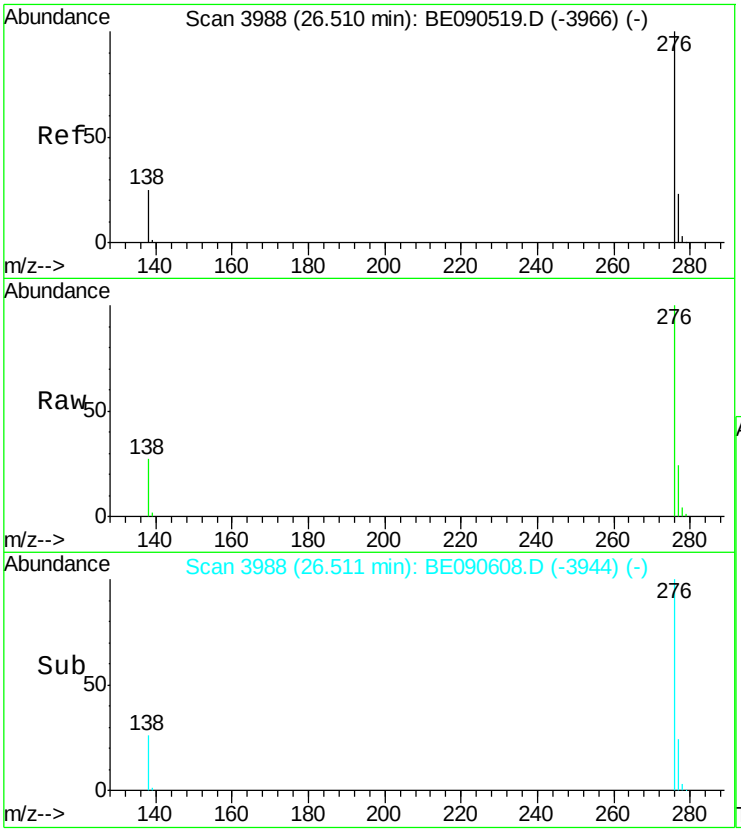


#36
Dibenzo(a,h)anthracene
Concen: 0.91 ng
RT: 25.81 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Tgt Ion:278 Resp: 26961

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.2	21.4
279	24.3	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 0.93 ng
RT: 26.51 min Scan# 3988
Delta R.T. 0.00 min
Lab File: BE090608.D
Acq: 24 Aug 2015 19:23

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 29978

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.1	30.1
138	26.5	18.1	27.1