Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
Data File : BE090996.D
Acq On : 8 Oct 2015 10:36
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Oct 09 01:36:07 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59250	5.00	ng		0.00
7) Naphthalene-d8	9.63	136	270411	5.00	ng		0.00
13) Acenaphthene-d10	13.45	164	150359	5.00	ng		0.00
19) Phenanthrene-d10	16.17	188	360306	5.00	ng		-0.01
26) Chrysene-d12	20.33	240	459854	5.00	ng		0.00
35) Perylene-d12	22.24	264	494945	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.98	112	13035	1.15	ng		-0.02
5) Phenol-d6	6.60	99	16102	1.06	ng		-0.02
8) Nitrobenzene-d5	8.22	82	20053	1.26	ng		-0.01
14) 2,4,6-Tribromophenol	14.99	330	4485	1.01	ng		0.00
15) 2-Fluorobiphenyl	12.09	172	40216	0.99	ng		0.00
29) Terphenyl-d14	18.73	244	57273	1.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	20865	2.62	ng		87
3) n-Nitrosodimethylamine	3.64	42	6739	0.69	ng	#	64
6) bis(2-Chloroethyl)ether	6.62	93	30802	1.93	ng	#	28
9) Nitrobenzene	8.26	77	22432	1.32	ng		98
10) Naphthalene	9.68	128	55269	1.00	ng		99
11) Hexachlorobutadiene	9.90	225	7930	0.83	ng		98
12) 2-Methylnaphthalene	11.20	142	36992	1.08	ng		99
16) Acenaphthylene	13.20	152	246967	0.98	ng		100
17) Acenaphthene	13.51	154	37915	0.94	ng		92
18) Fluorene	14.50	166	48667	0.98	ng		98
20) 4-Bromophenyl-phenylether	15.35	248	13406	0.98	ng		90
21) Hexachlorobenzene	15.45	284	14713	0.13	ng		99
22) Pentachlorophenol	15.93	266	4713	1.18	ng		87
23) Phenanthrene	16.21	178	85091	0.98	ng		100
24) Anthracene	16.29	178	79536	1.02	ng		99
25) Fluoranthene	18.20	202	98475	1.02	ng		99
27) Benzidine	18.73	184	1359	0.07	ng		99
28) Pyrene	18.59	202	102457	0.96	ng		100
30) Benzo(a)anthracene	20.30	228	108911	1.07	ng		97
31) 3,3'-Dichlorobenzidine	20.80	252	203	0.04	ng	#	27
32) Chrysene	20.36	228	112251	0.91	ng		99
33) Bis(2-ethylhexyl)phthalate	20.01	149	49486	1.41	ng		97
34) Indeno(1,2,3-cd)pyrene	23.91	276	123652	1.16	ng	#	93
36) Benzo(b)fluoranthene	21.67	252	121980	1.12	ng		98
37) Benzo(k)fluoranthene	21.70	252	113493	0.78	ng		97
38) Benzo(a)pyrene	22.15	252	109627	1.08	ng		97
39) Dibenzo(a,h)anthracene	23.87	278	124046	1.24	ng		99
40) Benzo(g,h,i)perylene	24.49	276	127410	1.17	ng		98

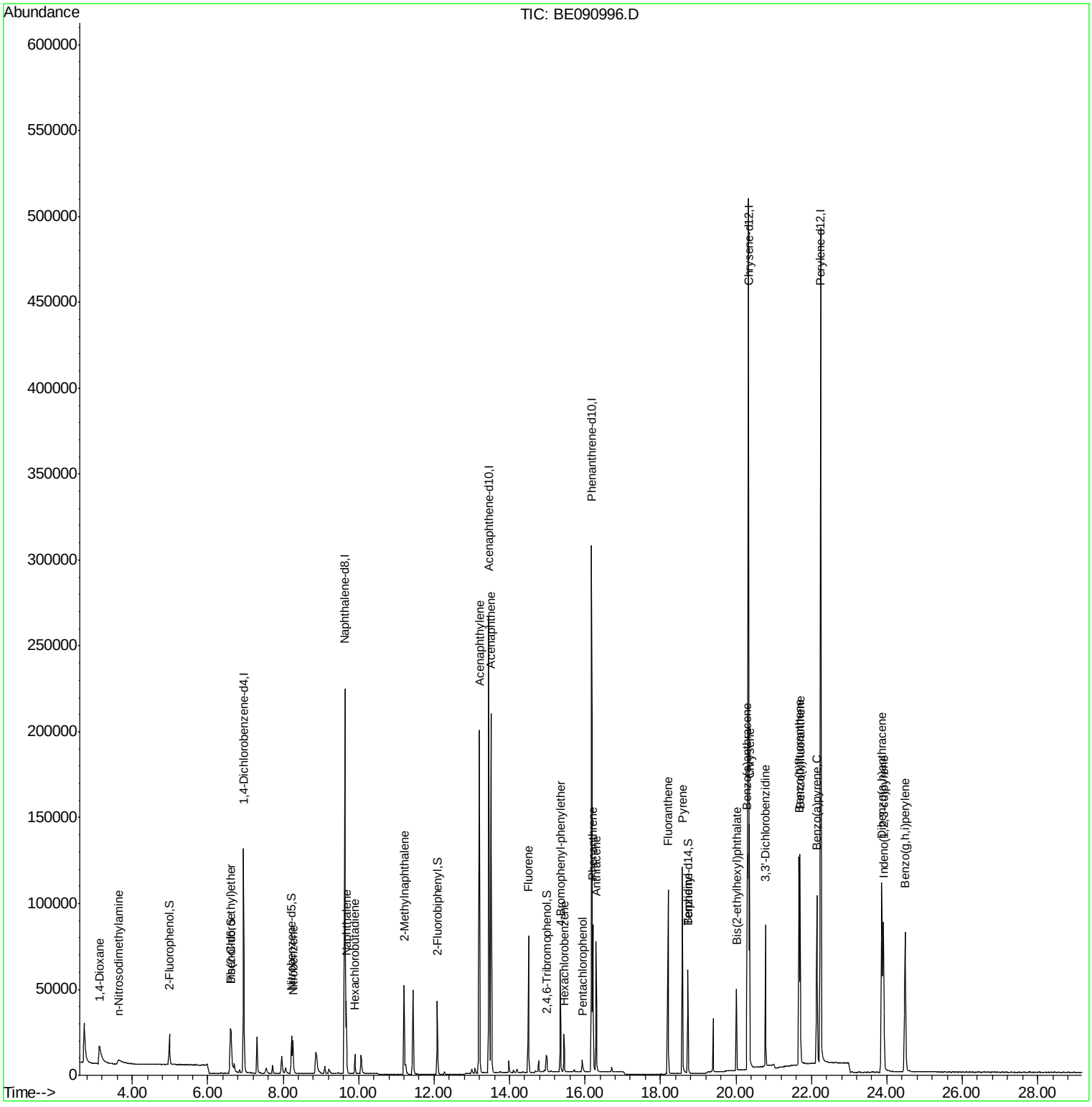
(#) = qualifier out of range (m) = manual integration (+) = signals summed

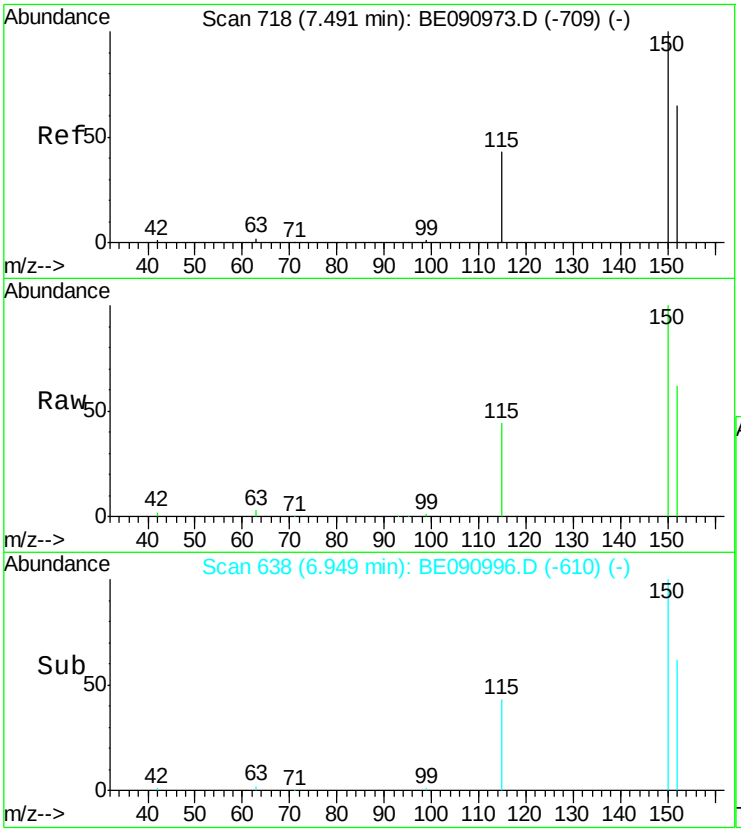
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
Data File : BE090996.D
Acq On : 8 Oct 2015 10:36
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Oct 09 01:36:07 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 17:11:43 2015
Response via : Initial Calibration



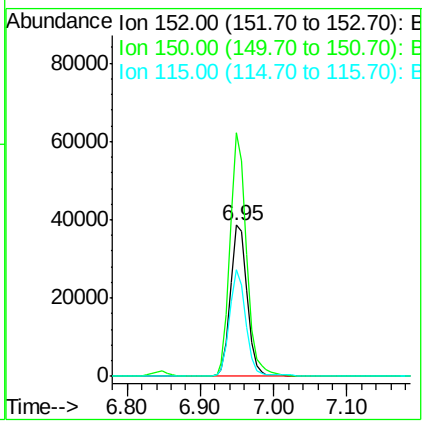


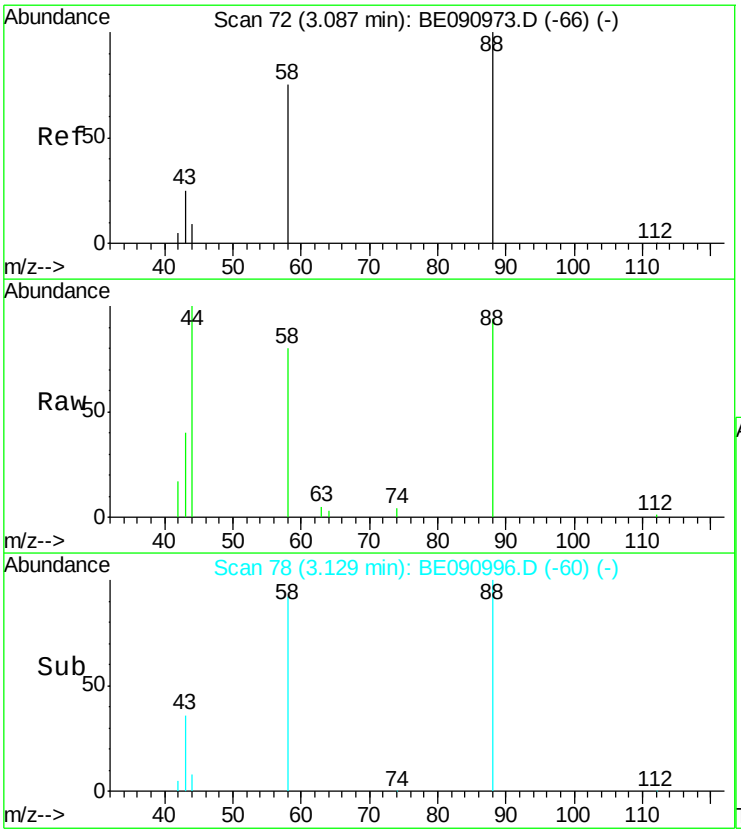
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 59250

Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.6	183.8
115	70.5	52.8	79.2

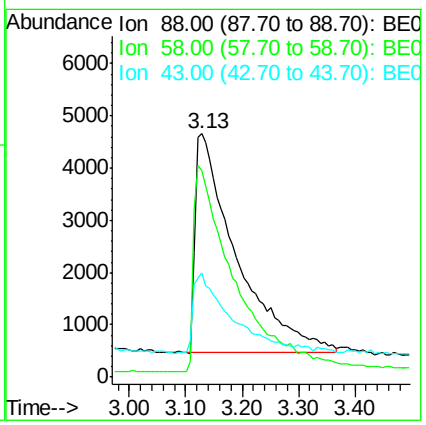


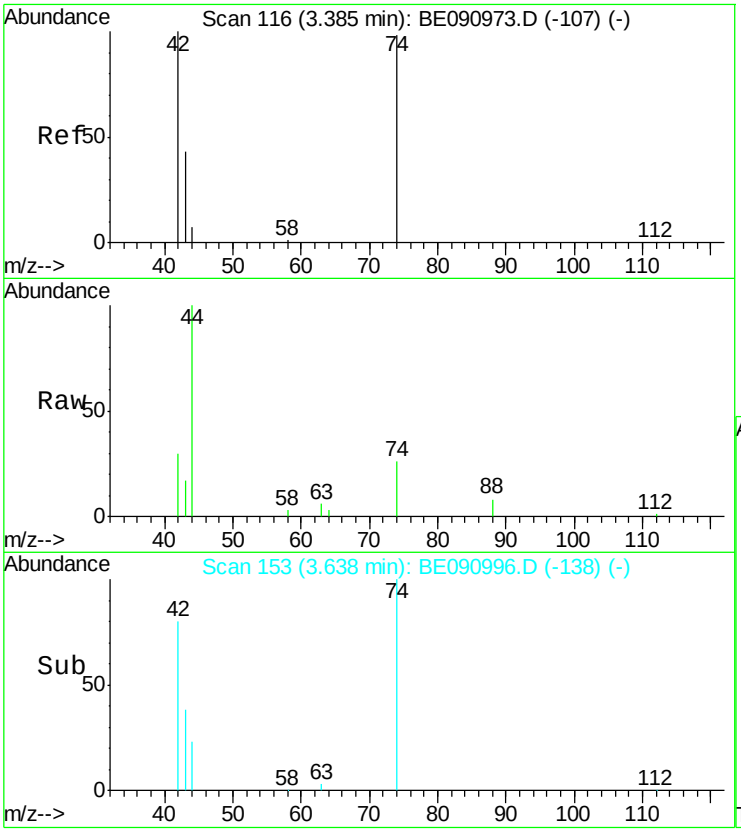


#2
1,4-Dioxane
Concen: 2.62 ng
RT: 3.13 min Scan# 78
Delta R.T. -0.07 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion: 88 Resp: 20865

Ion	Ratio	Lower	Upper
88	100		
58	97.0	65.8	98.6
43	34.6	25.3	37.9



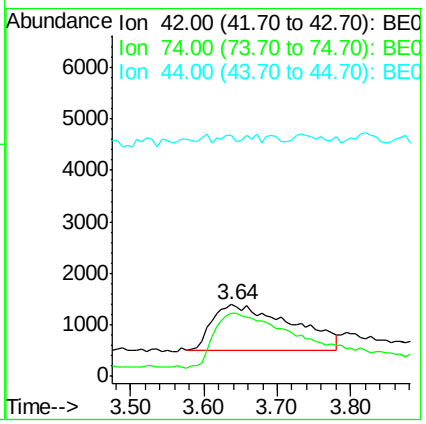


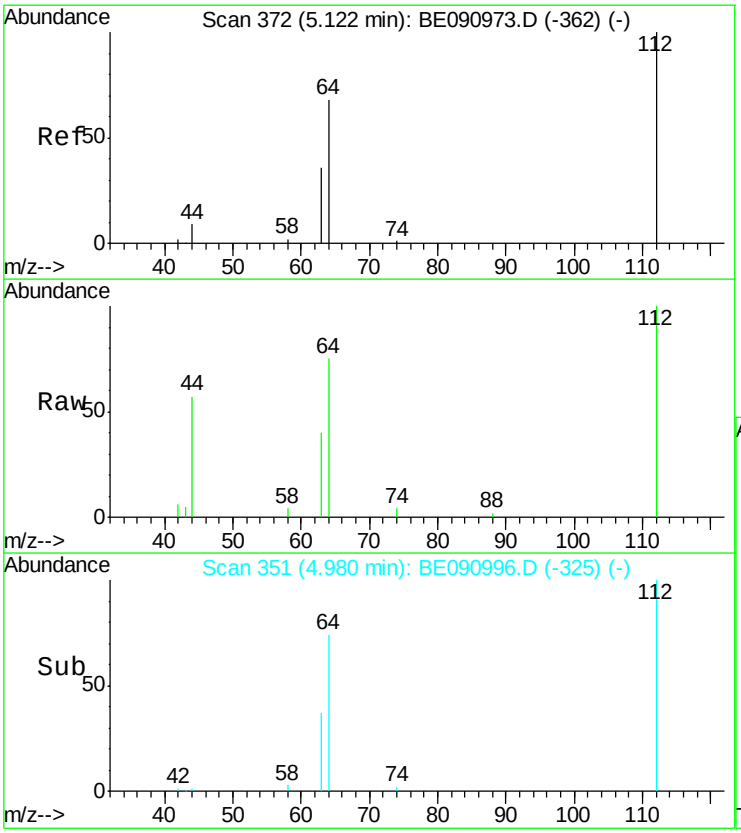
#3
n-Nitrosodimethylamine
Concen: 0.69 ng
RT: 3.64 min Scan# 153
Delta R.T. -0.10 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 6739

Ion	Ratio	Lower	Upper
42	100		
74	149.1	87.9	131.9#
44	1.7	6.6	9.8#

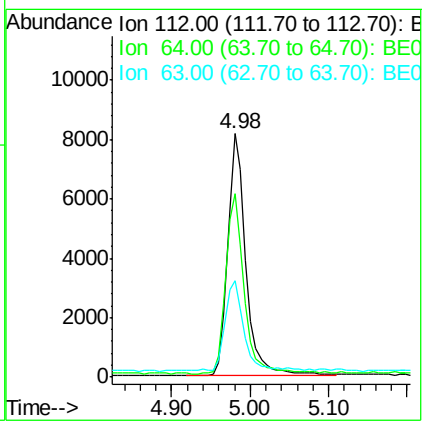


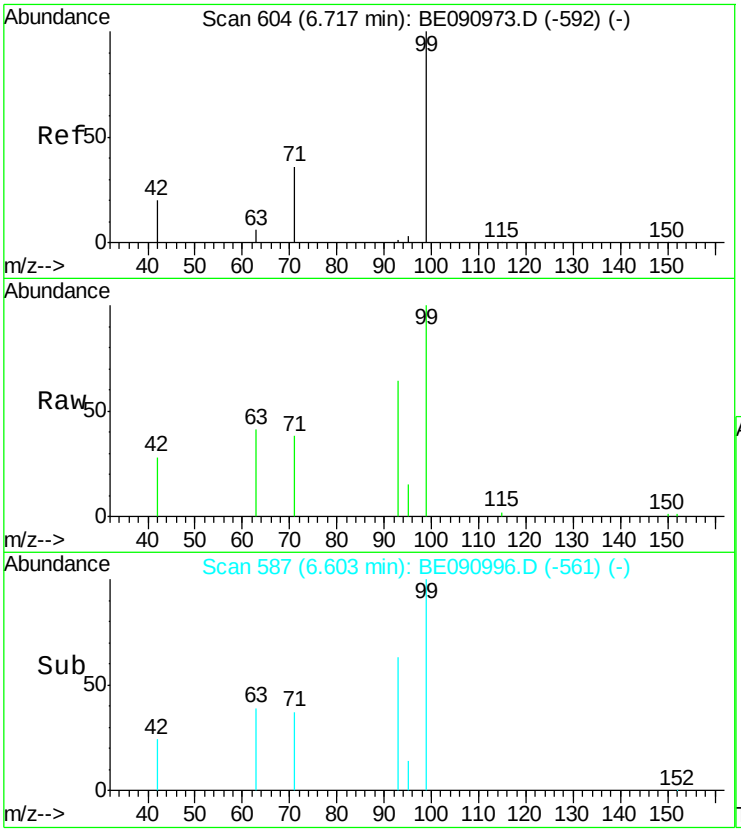


#4
2-Fluorophenol
Concen: 1.15 ng
RT: 4.98 min Scan# 351
Delta R.T. -0.02 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:112 Resp: 13035

Ion	Ratio	Lower	Upper
112	100		
64	75.8	30.9	46.3#
63	38.2	16.7	25.1#



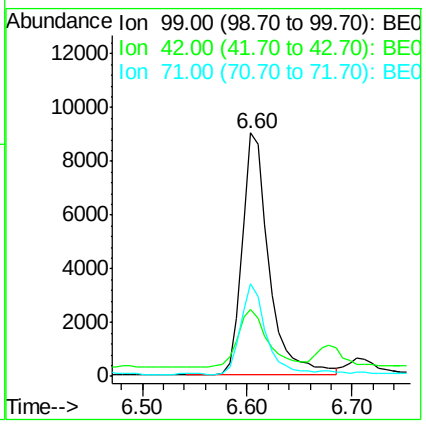


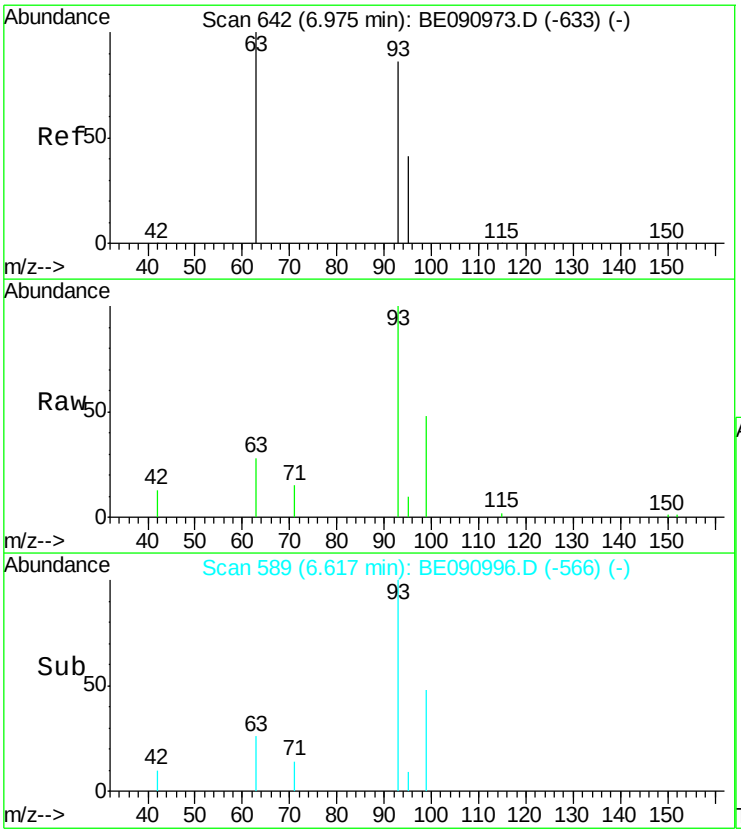
#5
Phenol-d6
Concen: 1.06 ng
RT: 6.60 min Scan# 587
Delta R.T. -0.02 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 16102

Ion	Ratio	Lower	Upper
99	100		
42	26.8	16.2	24.2#
71	36.4	29.0	43.4

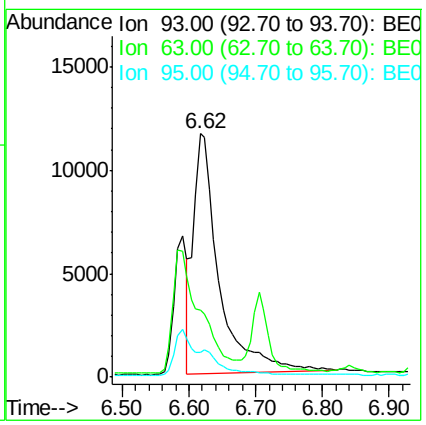


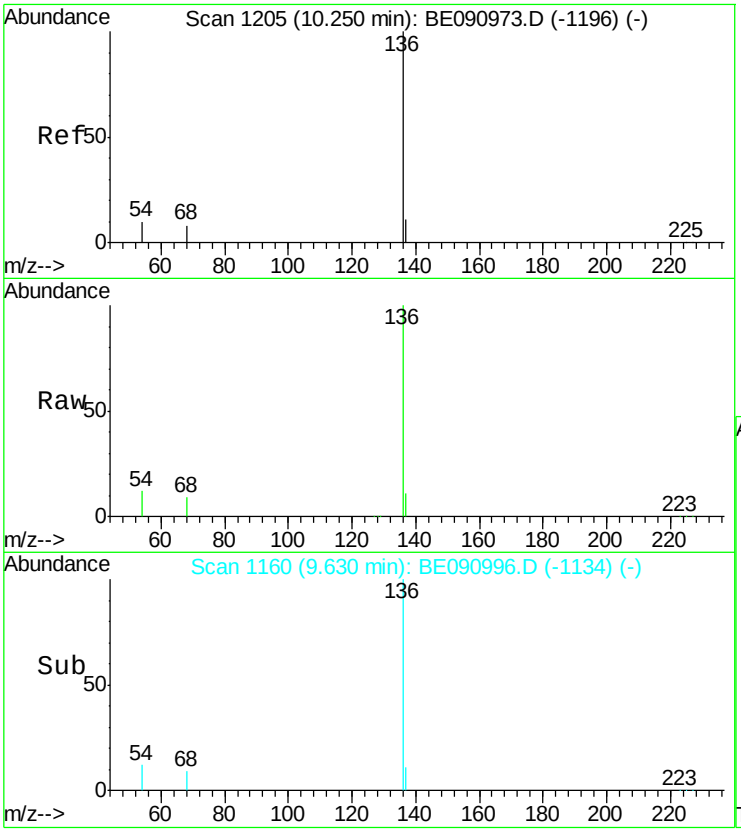


#6
bis(2-Chloroethyl)ether
Concen: 1.93 ng
RT: 6.62 min Scan# 589
Delta R.T. -0.04 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion: 93 Resp: 30802

Ion	Ratio	Lower	Upper
93	100		
63	0.0	49.5	74.3#
95	0.0	22.2	33.4#



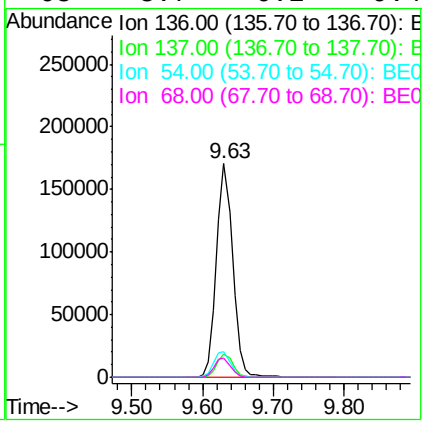


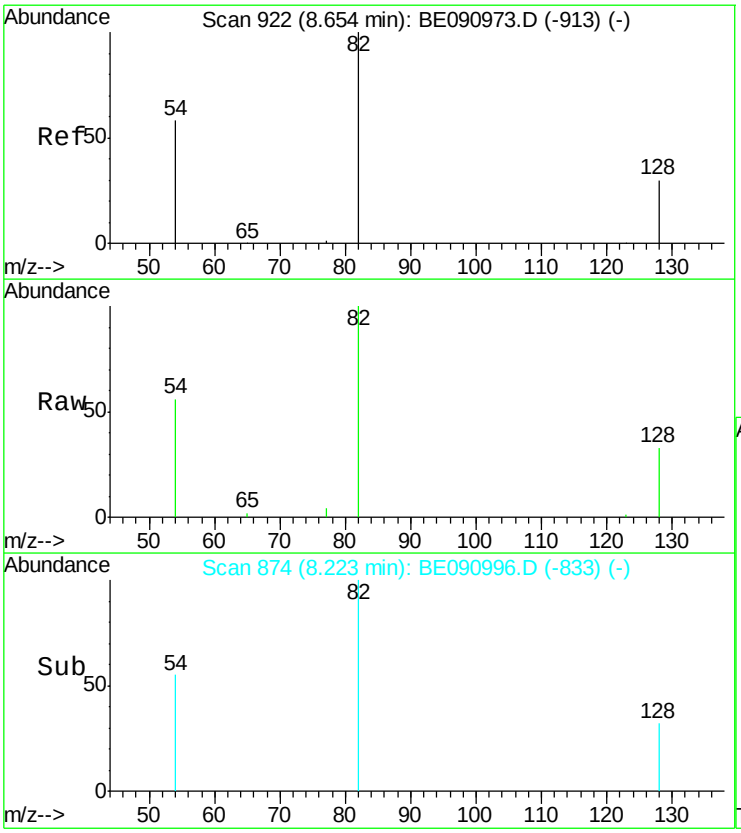
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.63 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 270411

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	12.0	8.2	12.4
68	8.7	6.2	9.4

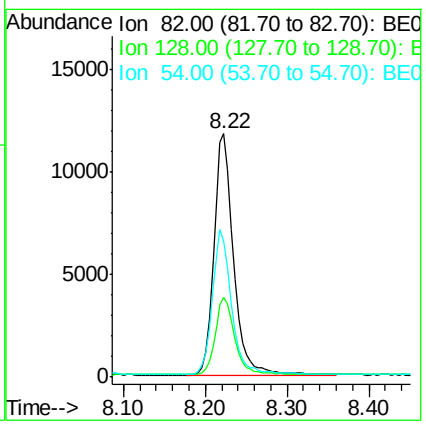


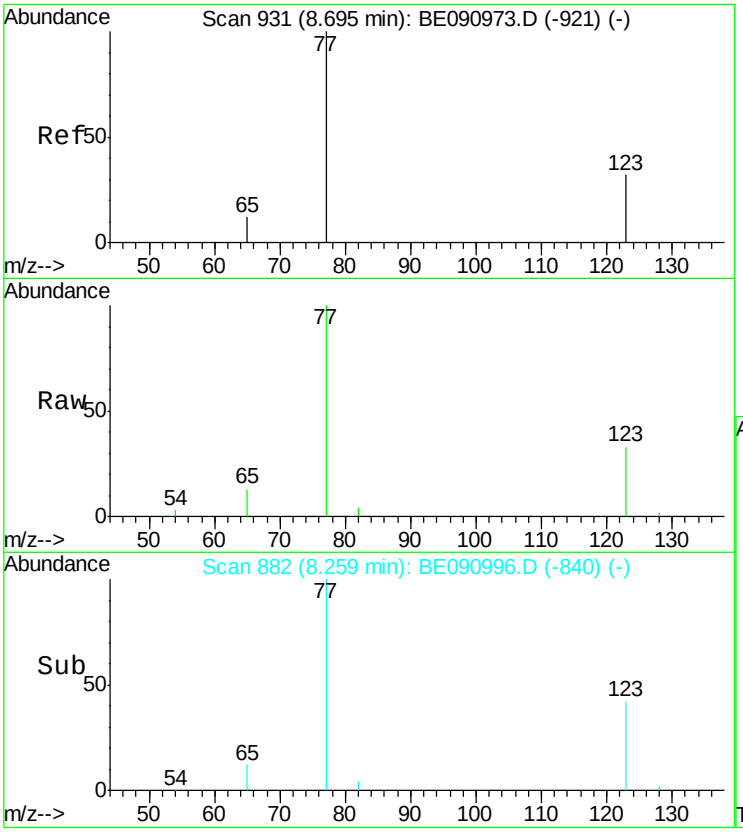


#8
Nitrobenzene-d5
Concen: 1.26 ng
RT: 8.22 min Scan# 874
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion: 82 Resp: 20053

Ion	Ratio	Lower	Upper
82	100		
128	32.5	25.4	38.0
54	56.2	48.4	72.6



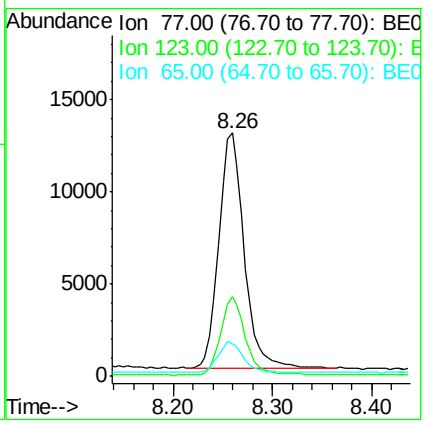


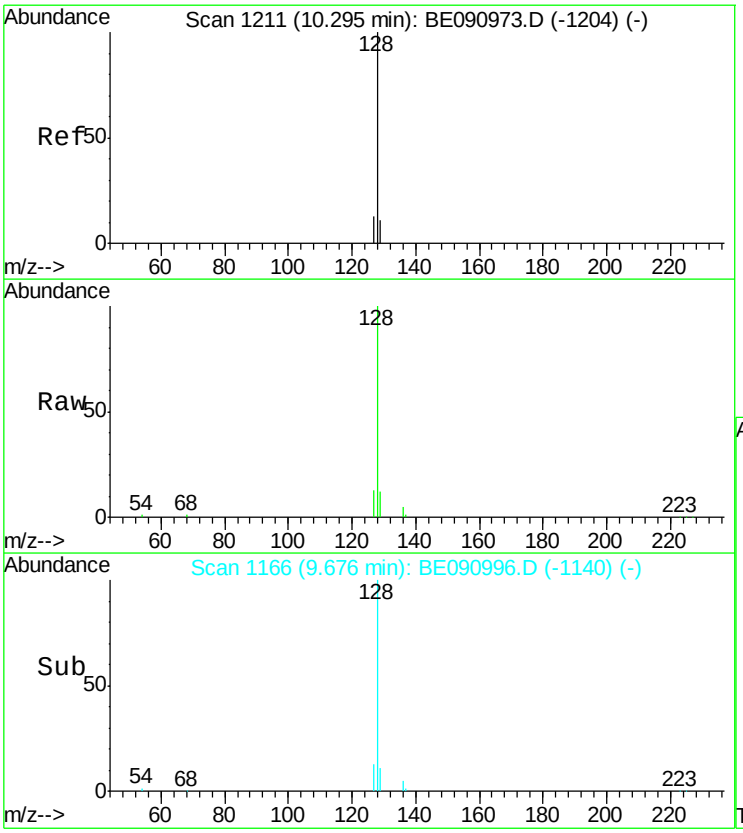
#9
Nitrobenzene
Concen: 1.32 ng
RT: 8.26 min Scan# 882
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 22432

Ion	Ratio	Lower	Upper
77	100		
123	33.0	26.9	40.3
65	13.3	9.4	14.2

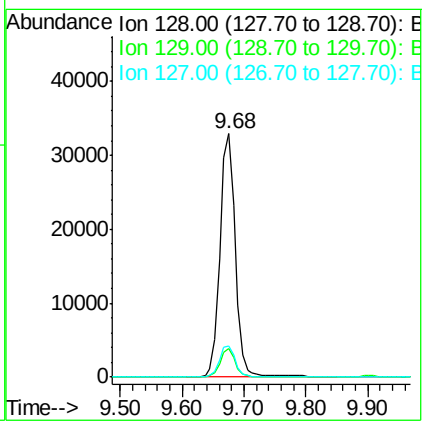


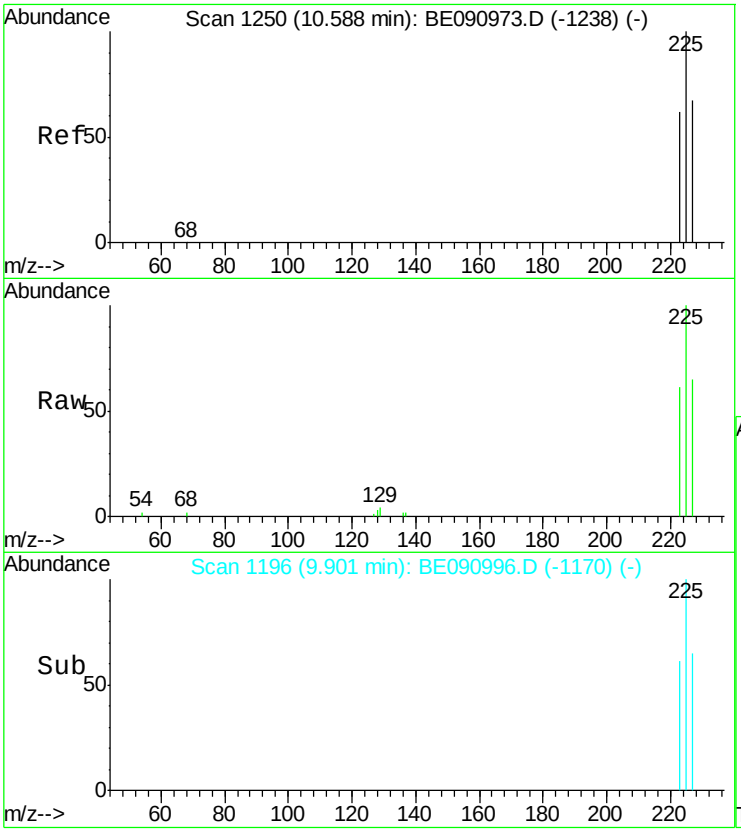


#10
Naphthalene
Concen: 1.00 ng
RT: 9.68 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:128 Resp: 55269

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	12.9	10.7	16.1



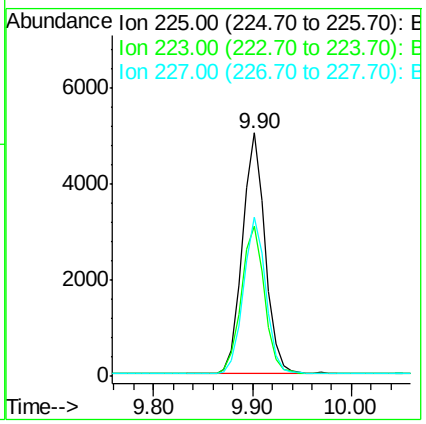


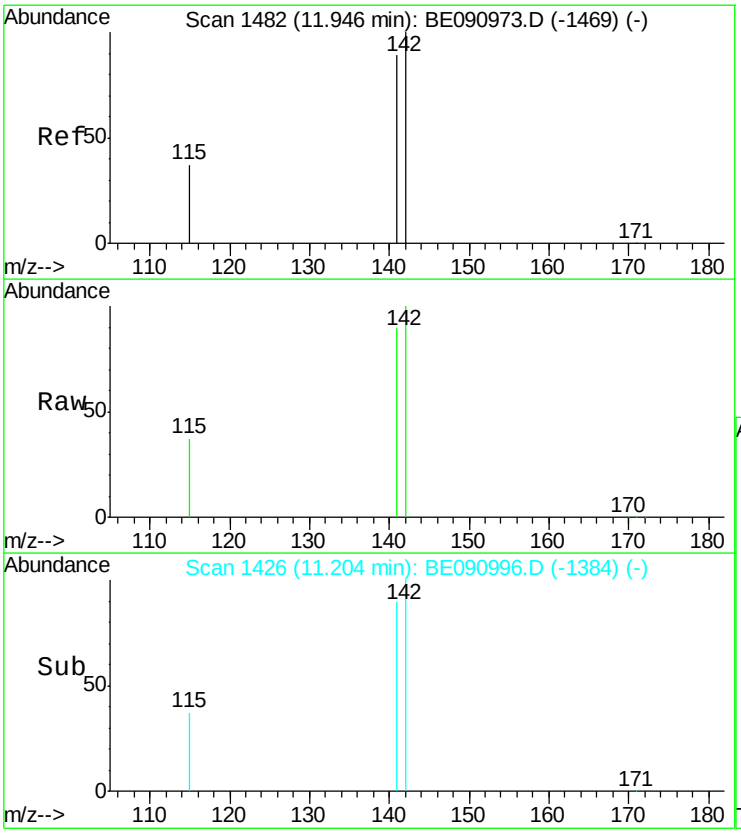
#11
Hexachlorobutadiene
Concen: 0.83 ng
RT: 9.90 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:225 Resp: 7930

Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	64.5	50.3	75.5

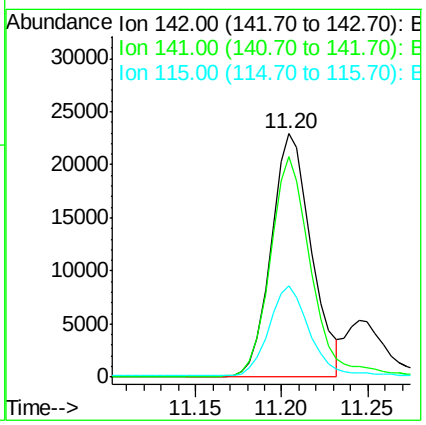


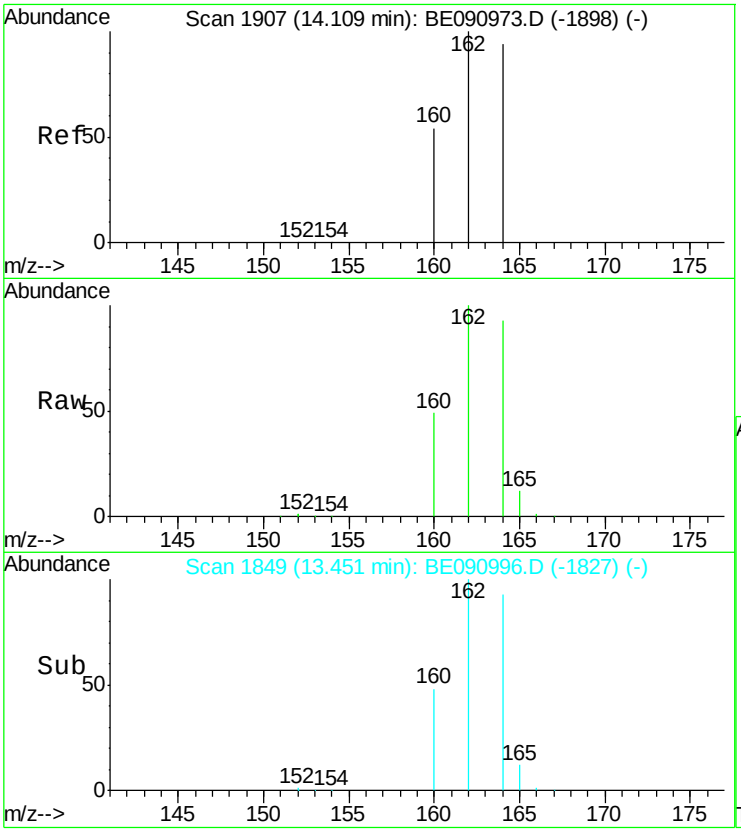


#12
2-Methylnaphthalene
Concen: 1.08 ng
RT: 11.20 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:142 Resp: 36992

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.0
115	37.3	30.3	45.5



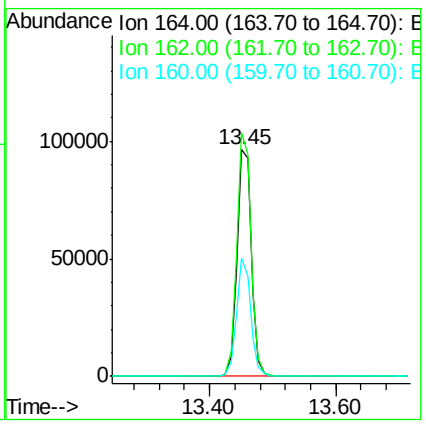


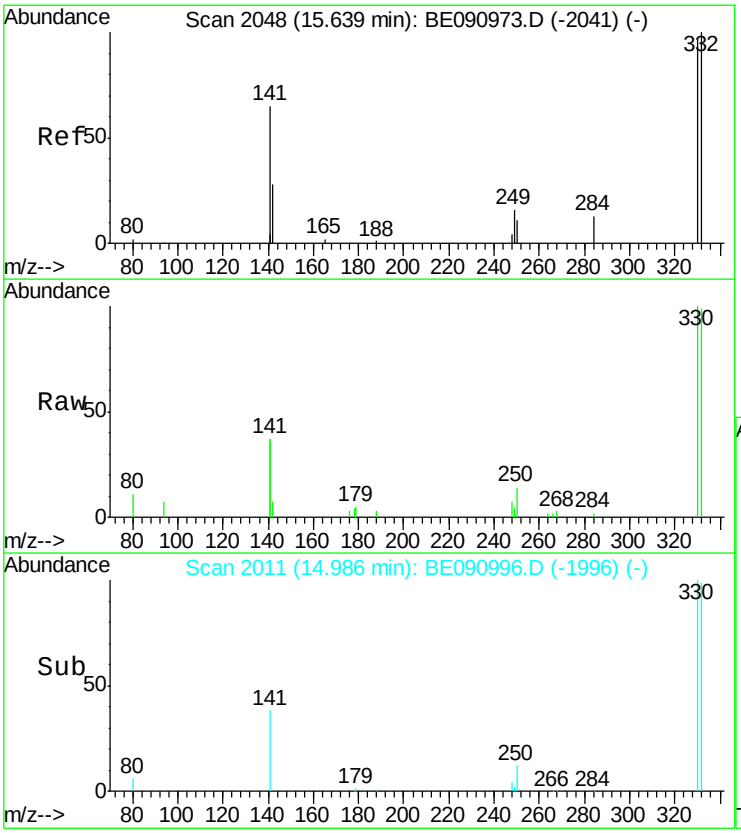
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.45 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 150359

Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.3	127.9
160	52.2	46.2	69.2

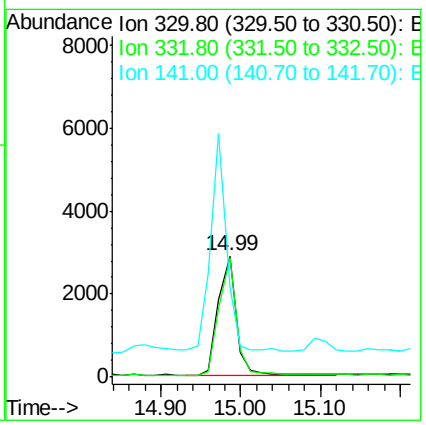


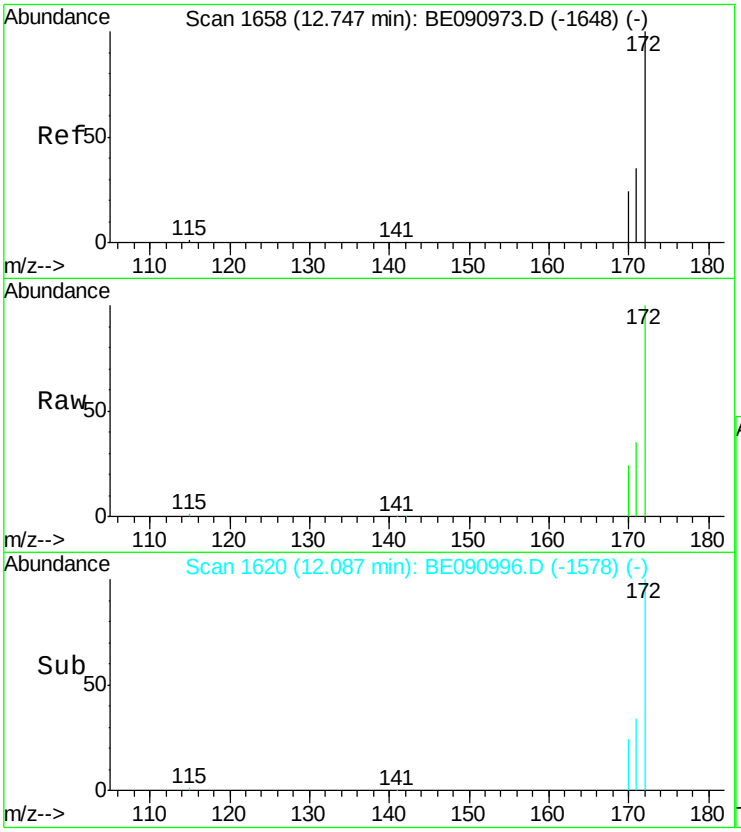


#14
2,4,6-Tribromophenol
Concen: 1.01 ng
RT: 14.99 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:330 Resp: 4485

Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.1	118.7
141	160.8	125.4	188.0



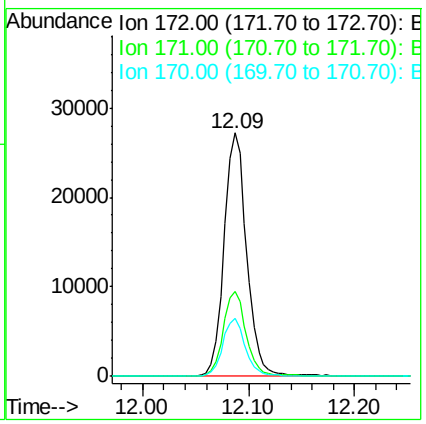


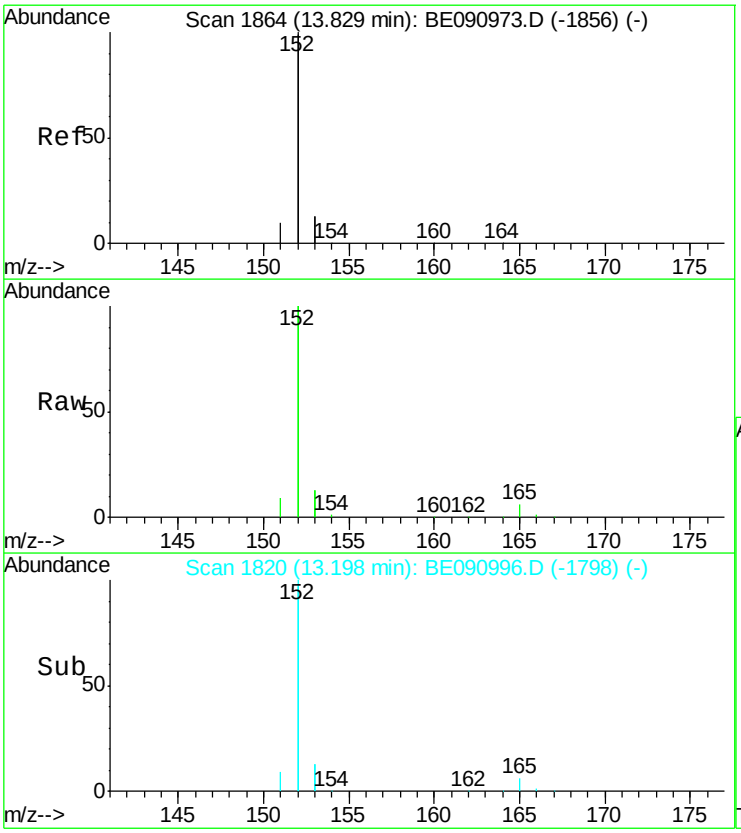
#15
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.09 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 40216

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	23.7	19.3	28.9

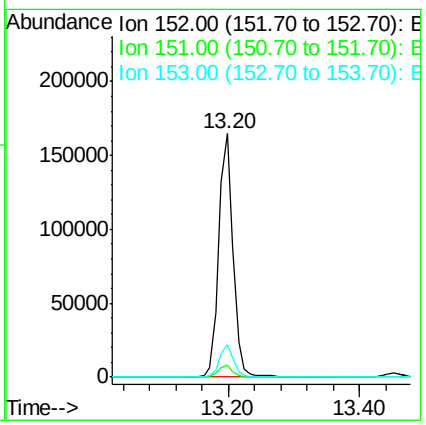


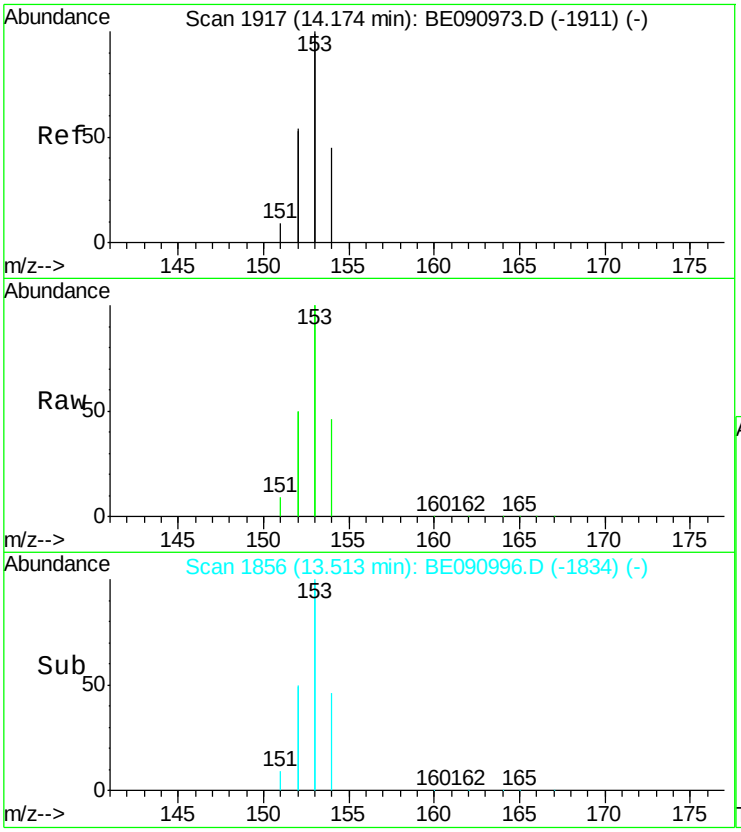


#16
Acenaphthylene
Concen: 0.98 ng
RT: 13.20 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:152 Resp: 246967

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.3	15.5



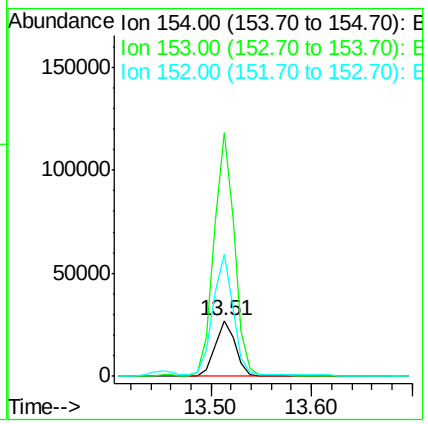


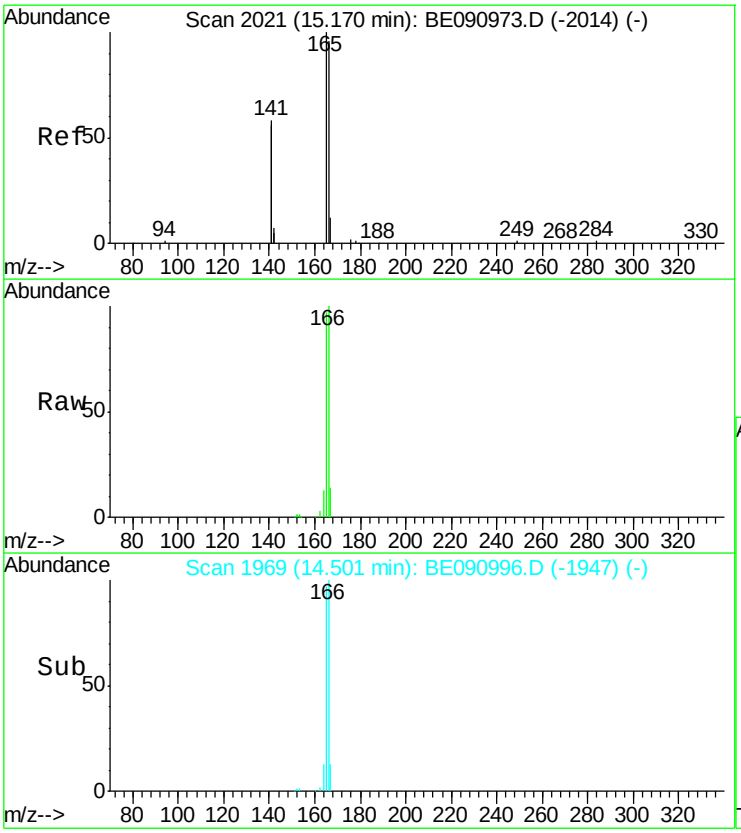
#17
Acenaphthene
Concen: 0.94 ng
RT: 13.51 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:154 Resp: 37915

Ion	Ratio	Lower	Upper
154	100		
153	434.8	352.0	528.0
152	216.9	200.0	300.0

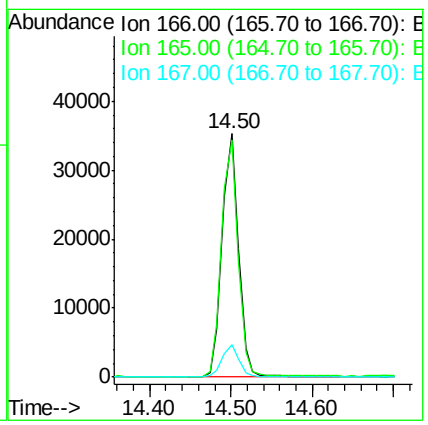


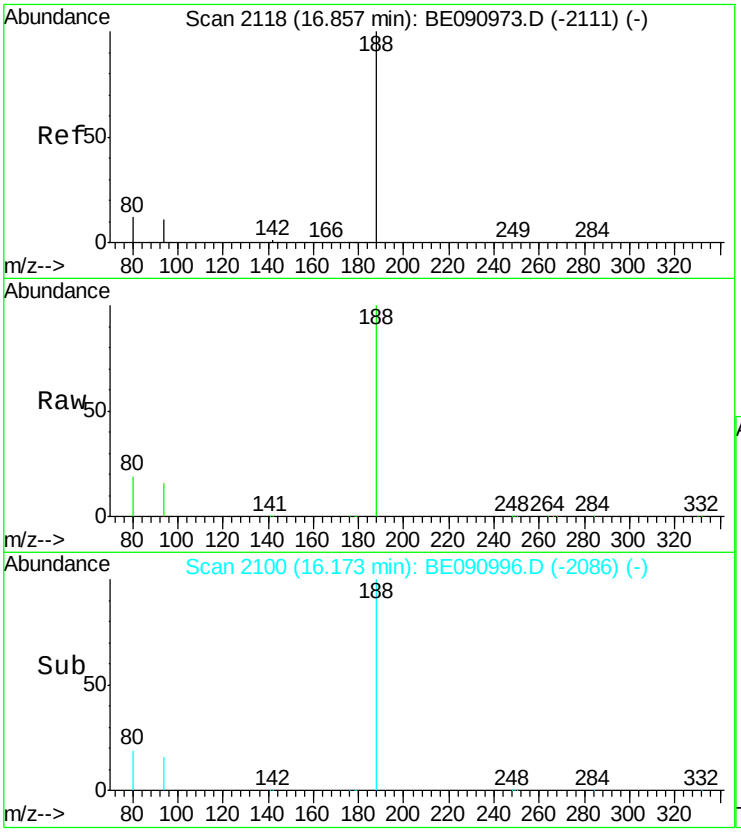


#18
Fluorene
Concen: 0.98 ng
RT: 14.50 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:166 Resp: 48667

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.8	121.2
167	13.7	10.9	16.3



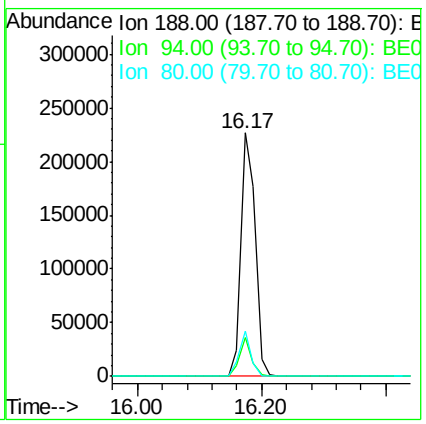


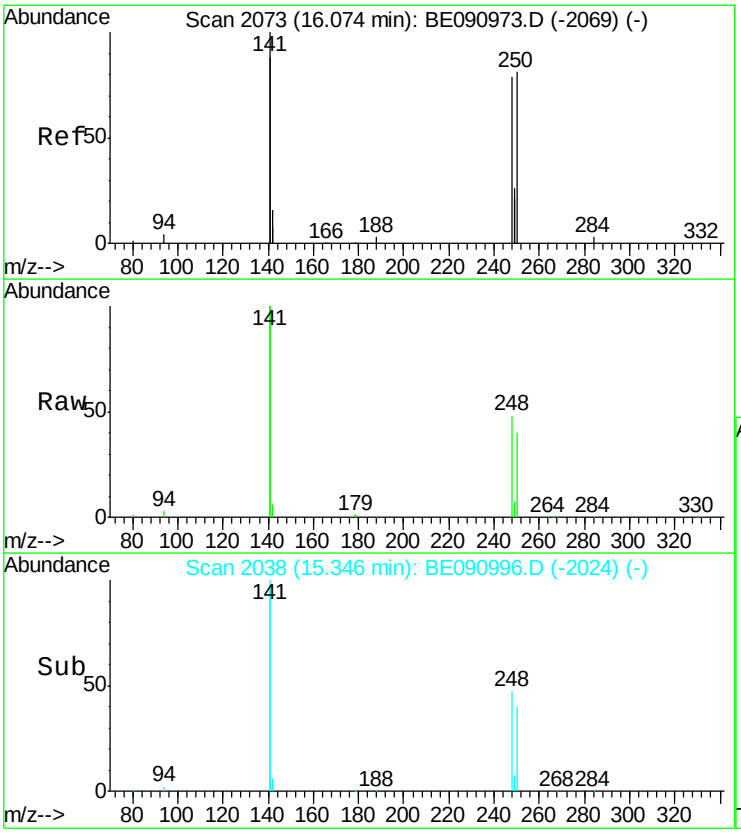
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.17 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 360306

Ion	Ratio	Lower	Upper
188	100		
94	16.2	8.7	13.1#
80	18.7	9.4	14.0#

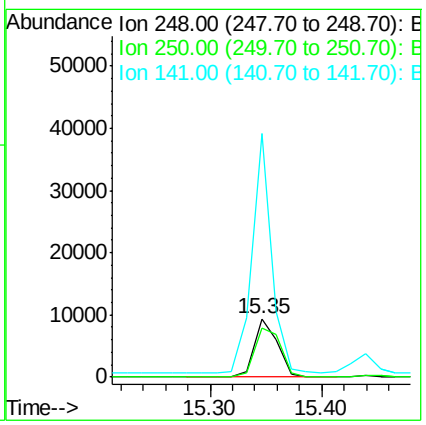


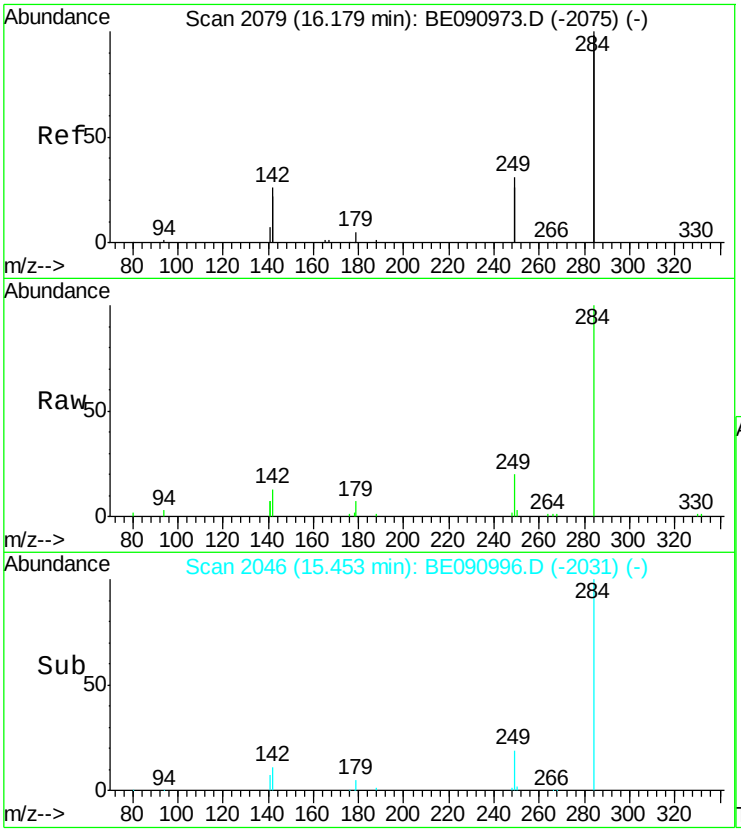


#20
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 15.35 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:248 Resp: 13406

Ion	Ratio	Lower	Upper
248	100		
250	95.0	80.5	120.7
141	351.8	261.9	392.9



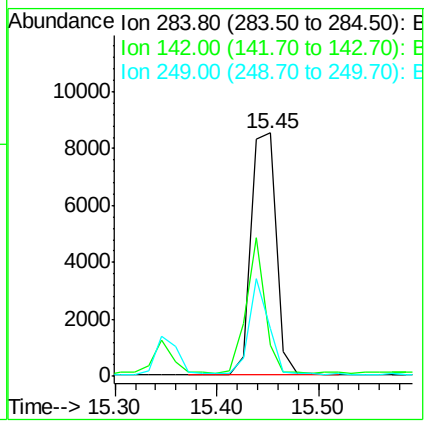


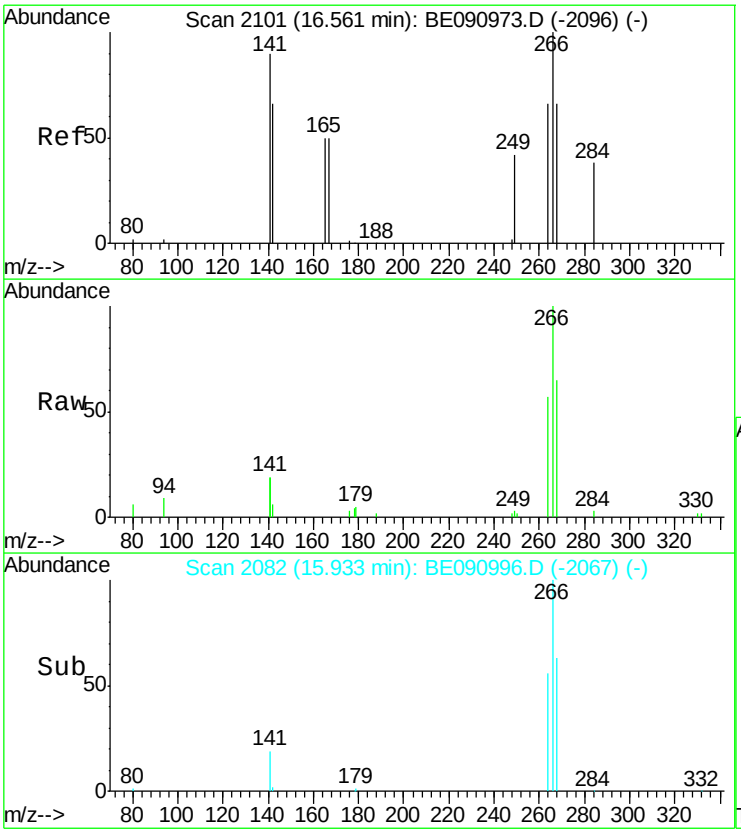
#21
Hexachlorobenzene
Concen: 0.13 ng
RT: 15.45 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:284 Resp: 14713

Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.2	48.2
249	31.3	25.4	38.2

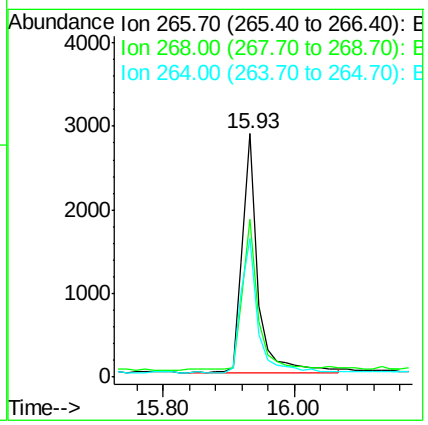


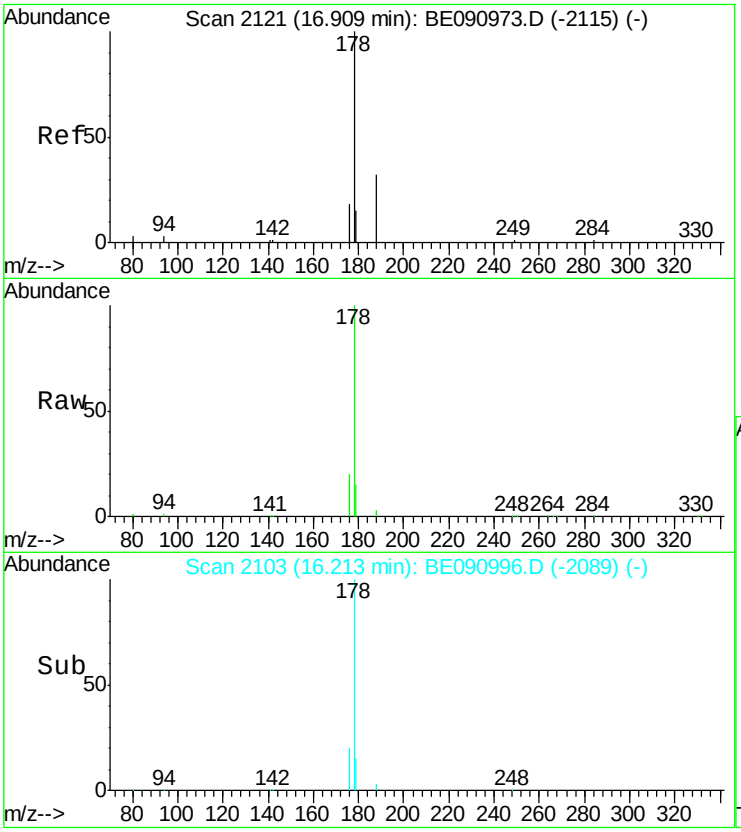


#22
Pentachlorophenol
Concen: 1.18 ng
RT: 15.93 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:266 Resp: 4713

Ion	Ratio	Lower	Upper
266	100		
268	64.8	58.2	87.2
264	56.8	56.2	84.4



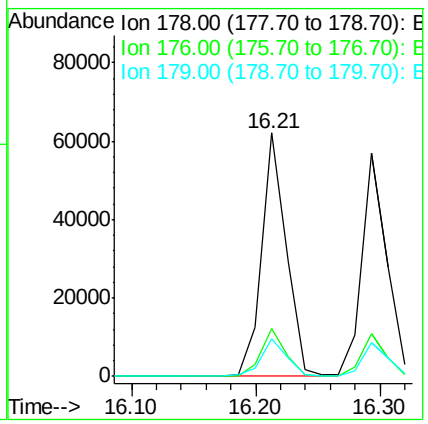


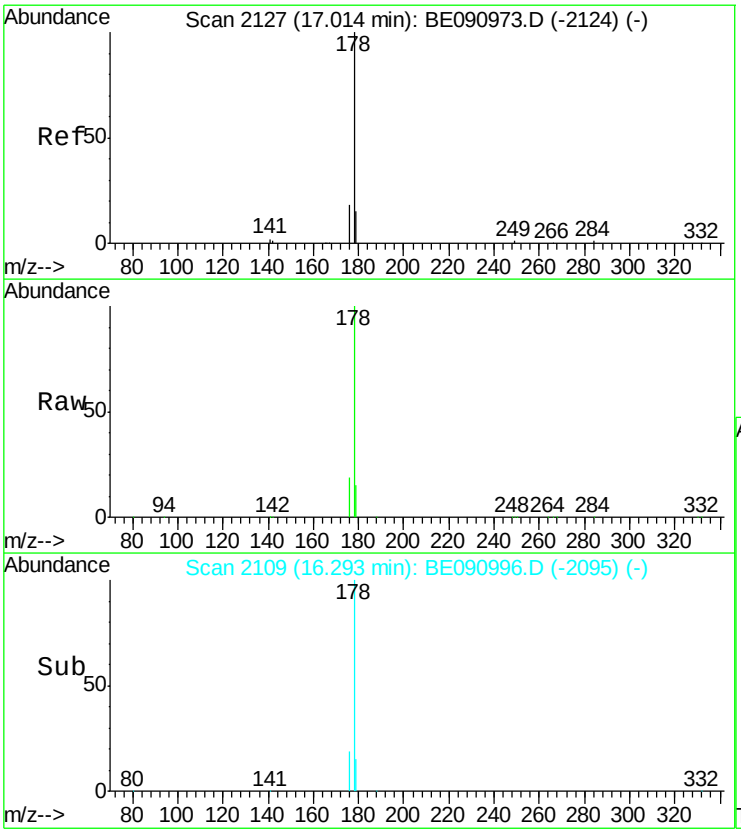
#23
Phenanthrene
Concen: 0.98 ng
RT: 16.21 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 85091

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.6	18.8

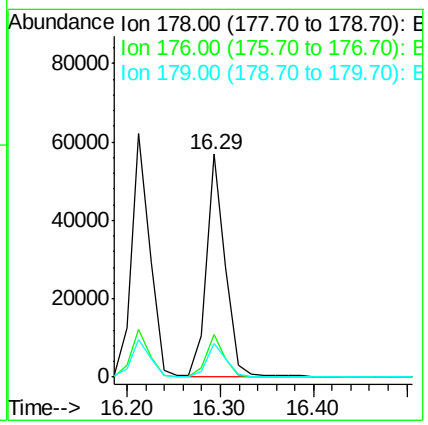


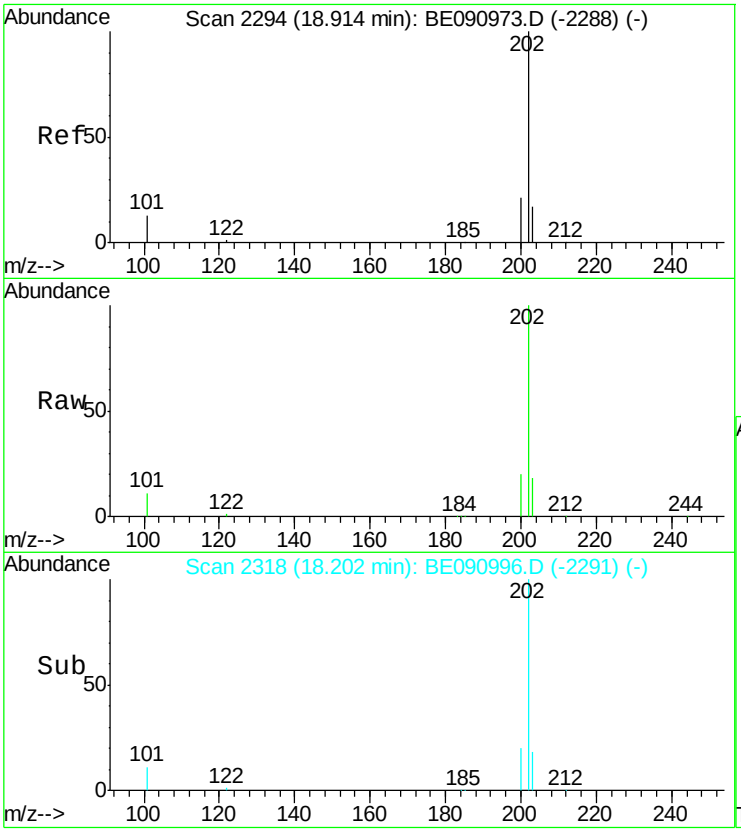


#24
Anthracene
Concen: 1.02 ng
RT: 16.29 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:178 Resp: 79536

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.1	11.8	17.6



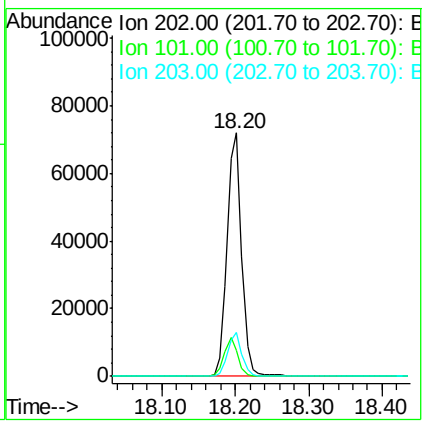


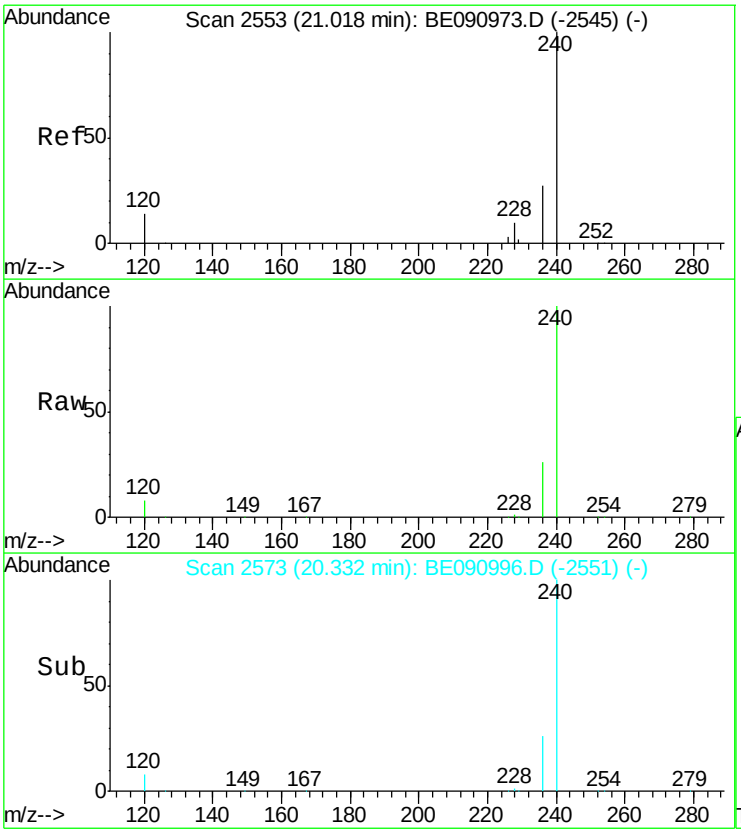
#25
Fluoranthene
Concen: 1.02 ng
RT: 18.20 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:202 Resp: 98475

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.6
203	17.4	13.9	20.9

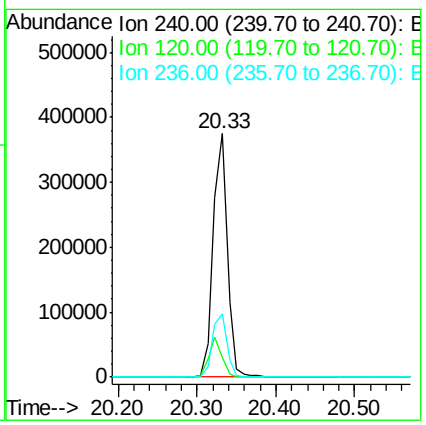


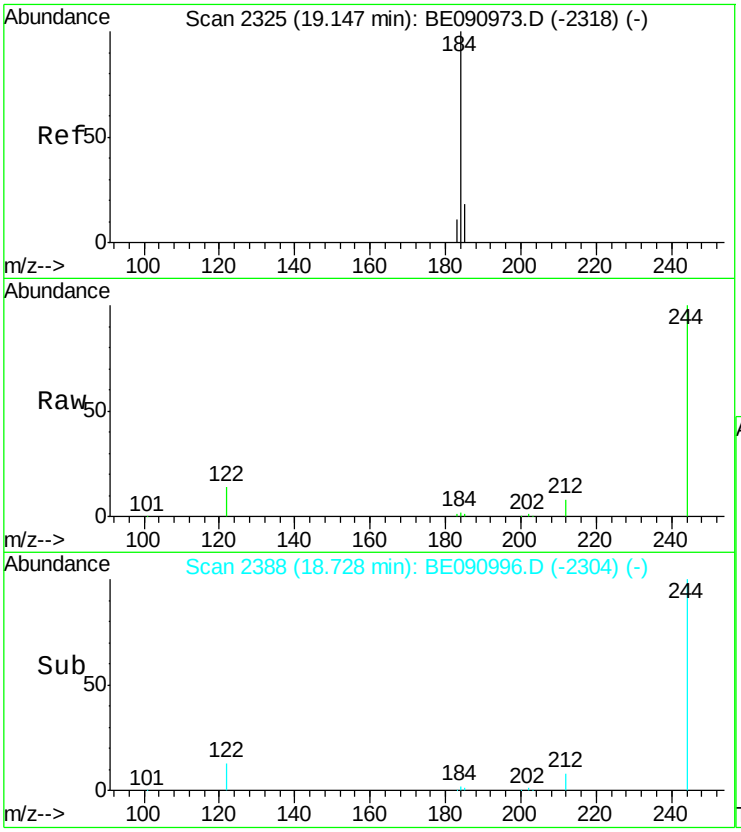


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.33 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:240 Resp: 459854

Ion	Ratio	Lower	Upper
240	100		
120	8.3	11.0	16.4#
236	25.9	21.7	32.5



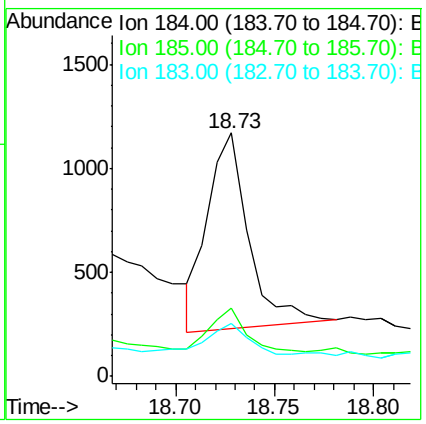


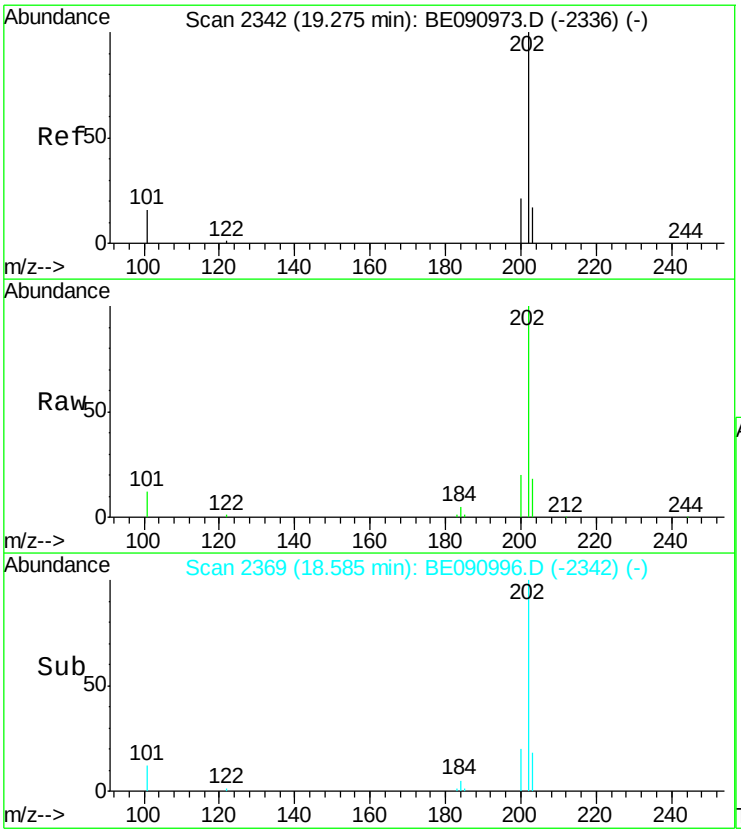
#27
Benzidine
Concen: 0.07 ng
RT: 18.73 min Scan# 2388
Delta R.T. 0.14 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 1359

Ion	Ratio	Lower	Upper
184	100		
185	27.8	22.3	33.5
183	21.6	16.4	24.6

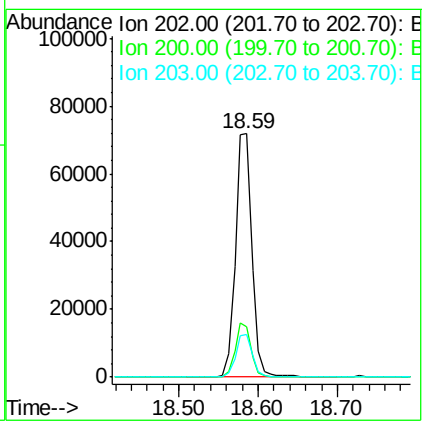


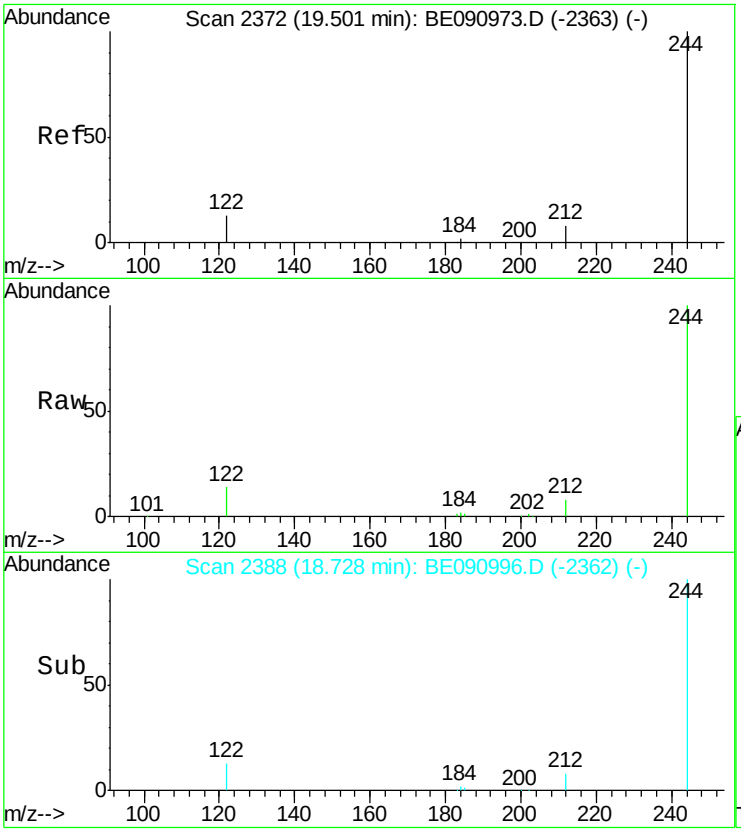


#28
Pyrene
Concen: 0.96 ng
RT: 18.59 min Scan# 2369
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:202 Resp: 102457

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.6	14.0	21.0



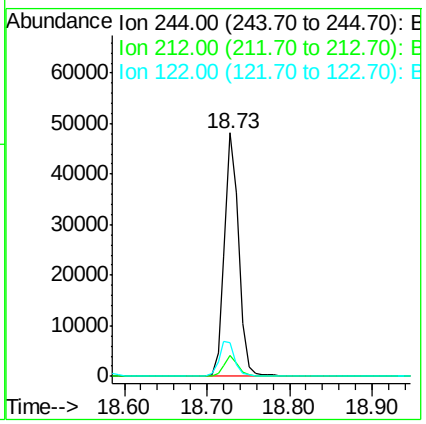


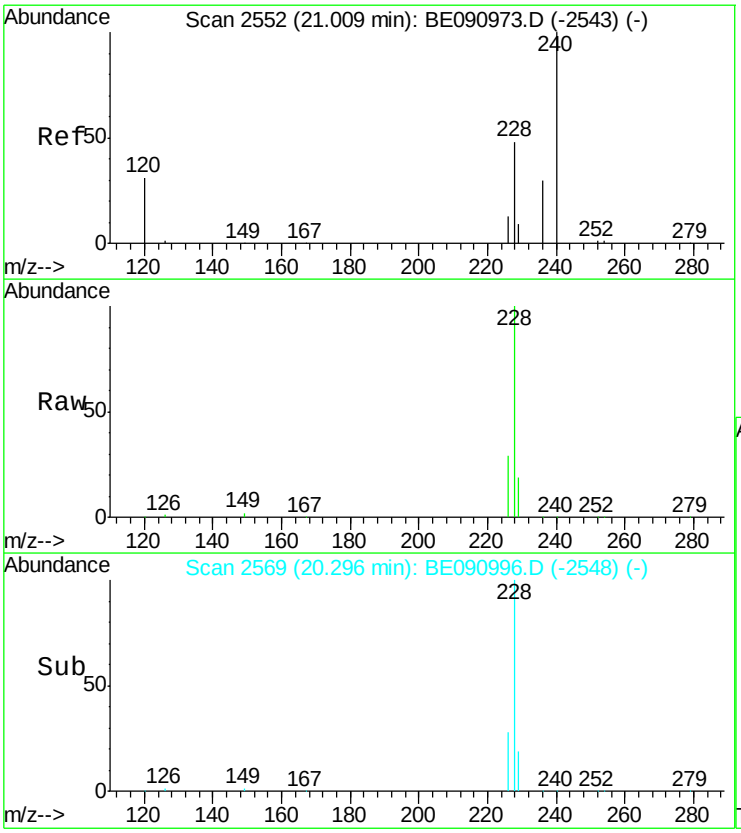
#29
Terphenyl-d14
Concen: 1.03 ng
RT: 18.73 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 57273

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	13.6	11.0	16.4

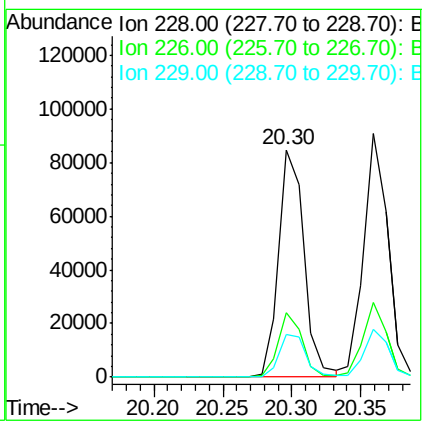


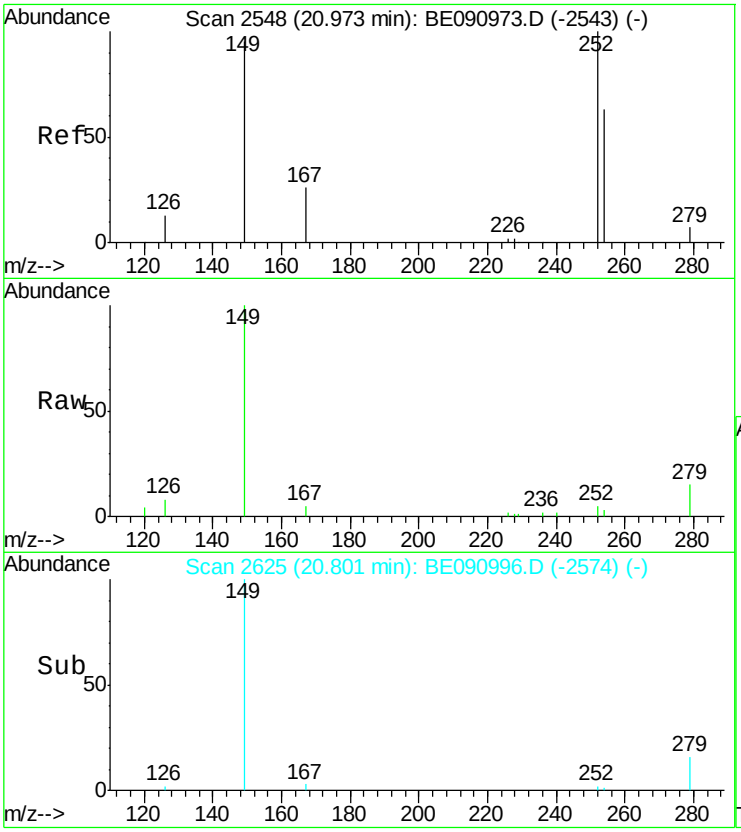


#30
Benzo(a)anthracene
Concen: 1.07 ng
RT: 20.30 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:228 Resp: 108911

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.4
229	18.7	15.7	23.5



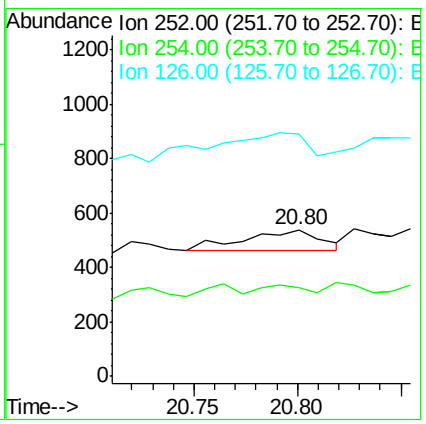


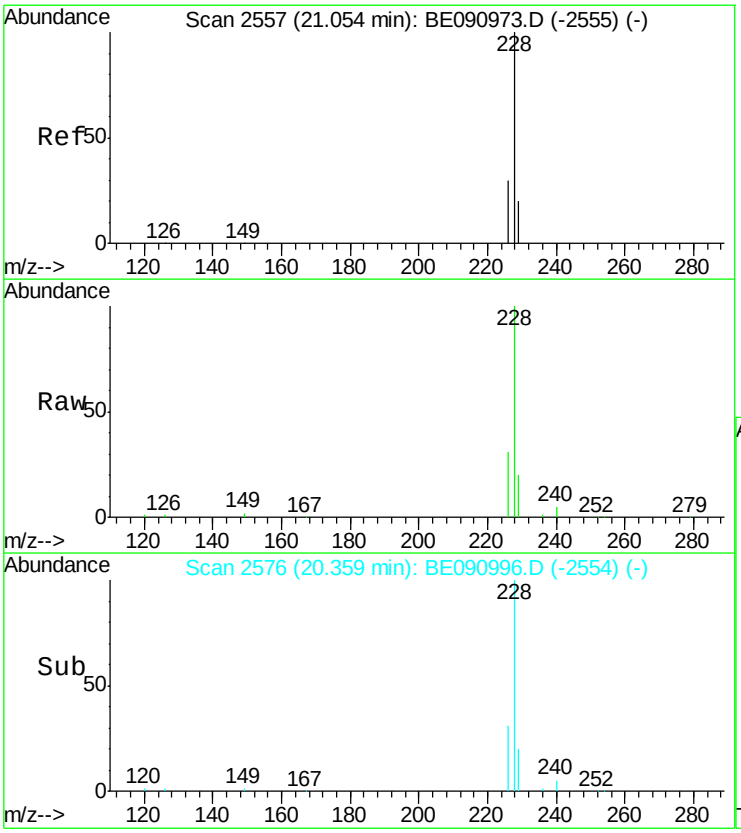
#31
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 20.80 min Scan# 2625
Delta R.T. -0.04 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 203

Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.1	76.7
126	165.1	12.6	18.8#

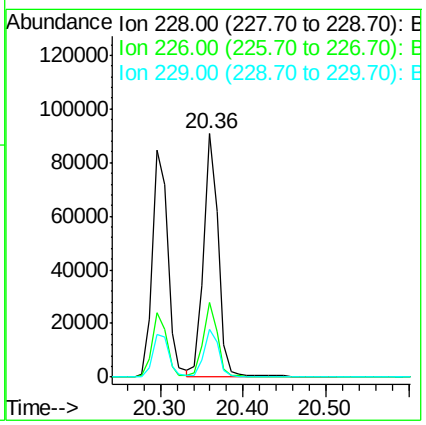


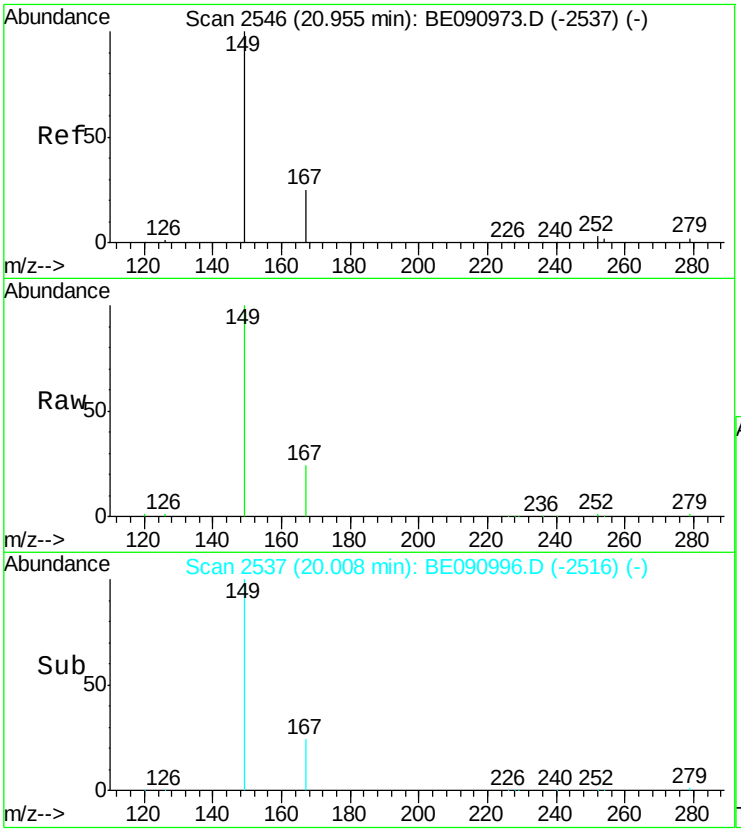


#32
Chrysene
Concen: 0.91 ng
RT: 20.36 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:228 Resp: 112251

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.8	15.9	23.9



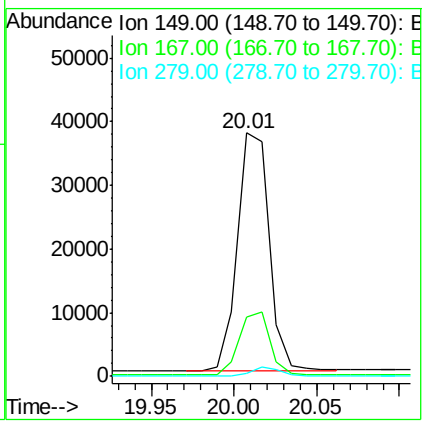


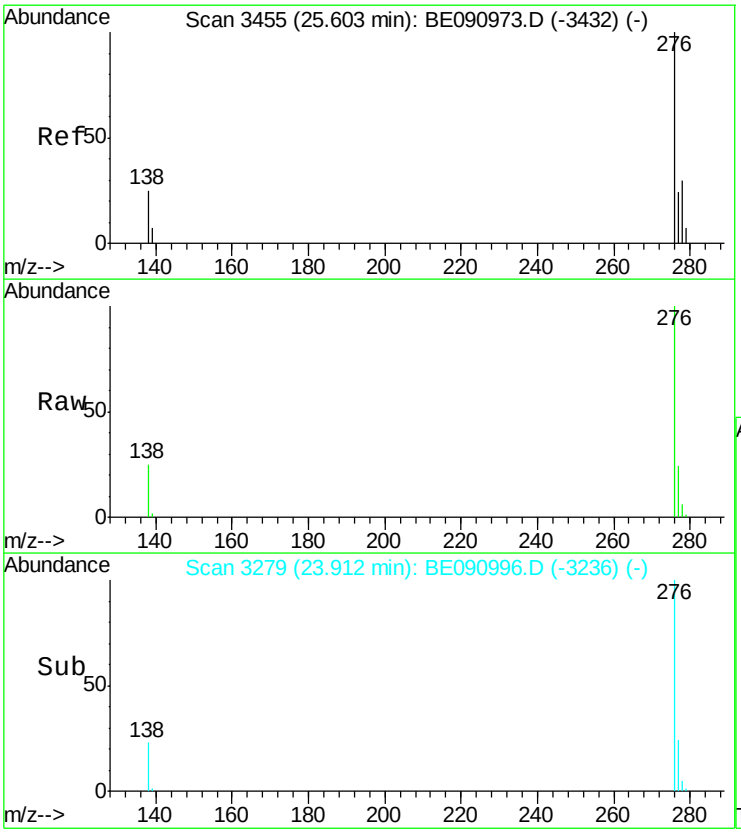
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.41 ng
RT: 20.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:149 Resp: 49486

Ion	Ratio	Lower	Upper
149	100		
167	25.9	19.5	29.3
279	3.2	2.3	3.5

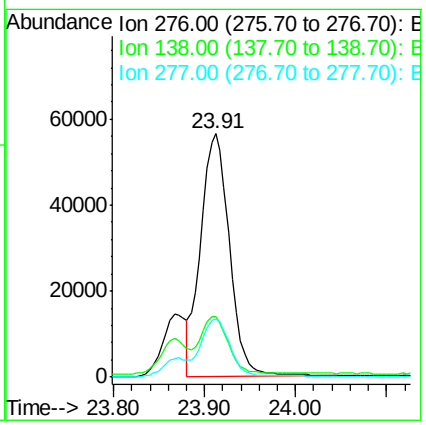


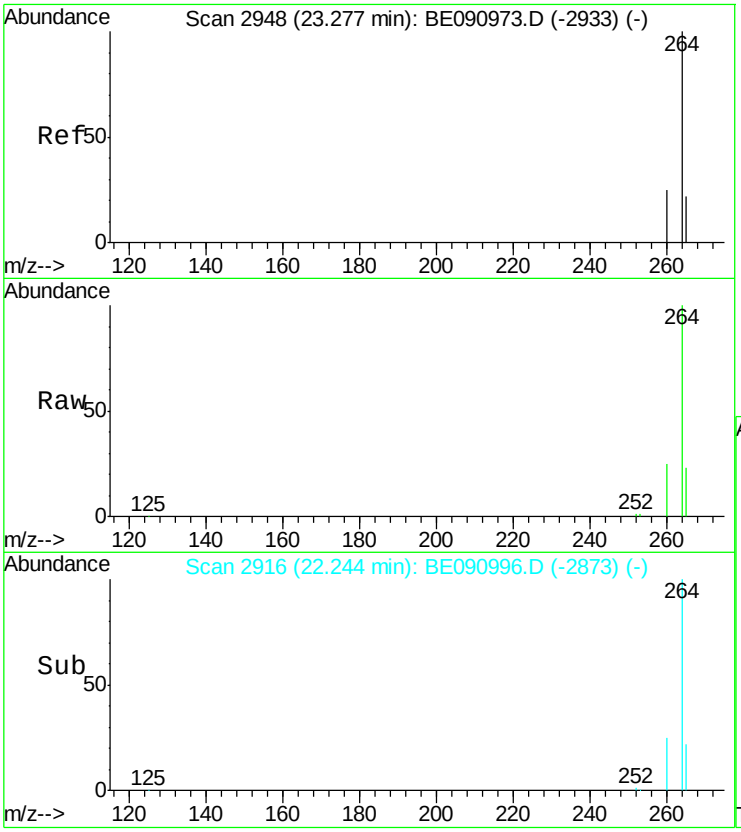


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.16 ng
RT: 23.91 min Scan# 3279
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:276 Resp: 123652

Ion	Ratio	Lower	Upper
276	100		
138	22.9	23.4	35.2#
277	24.0	19.8	29.8



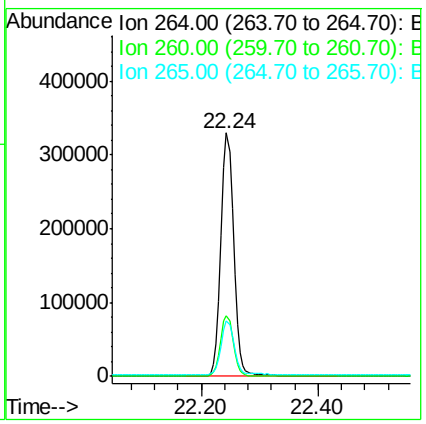


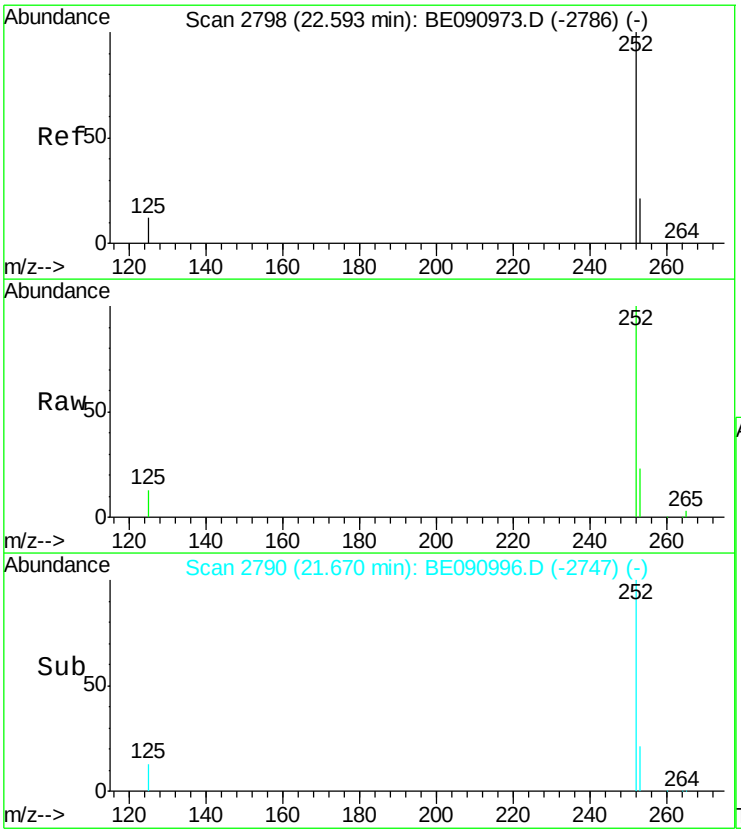
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.24 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 494945

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.5	17.5	26.3

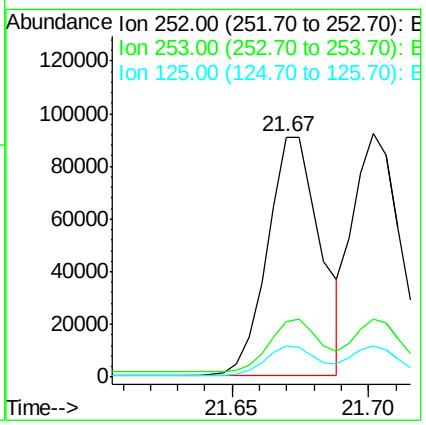


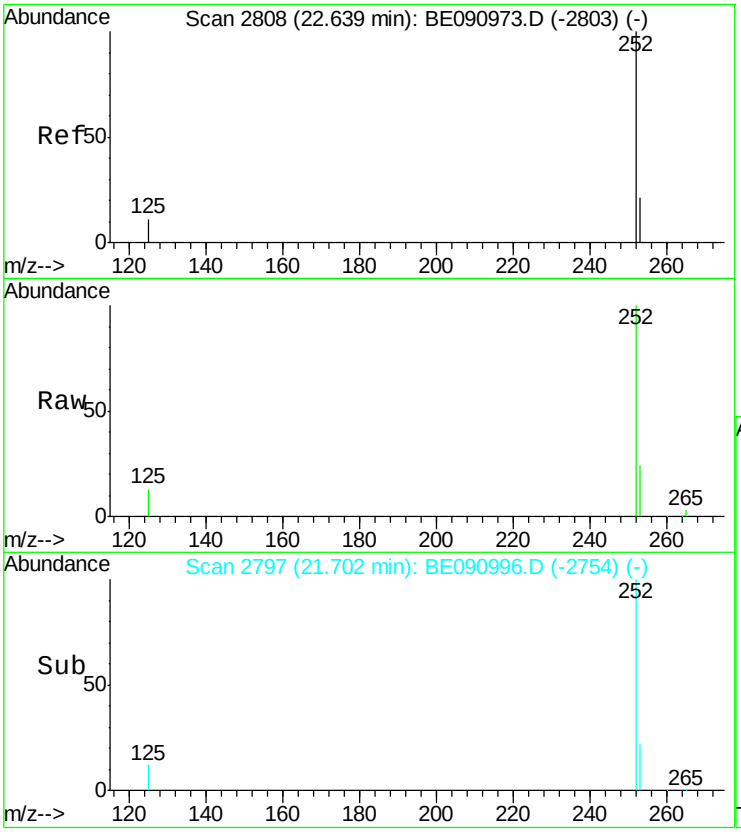


#36
Benzo(b)fluoranthene
Concen: 1.12 ng
RT: 21.67 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:252 Resp: 121980

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	13.2	10.2	15.2



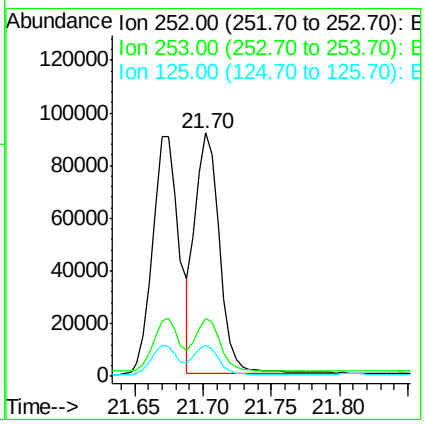


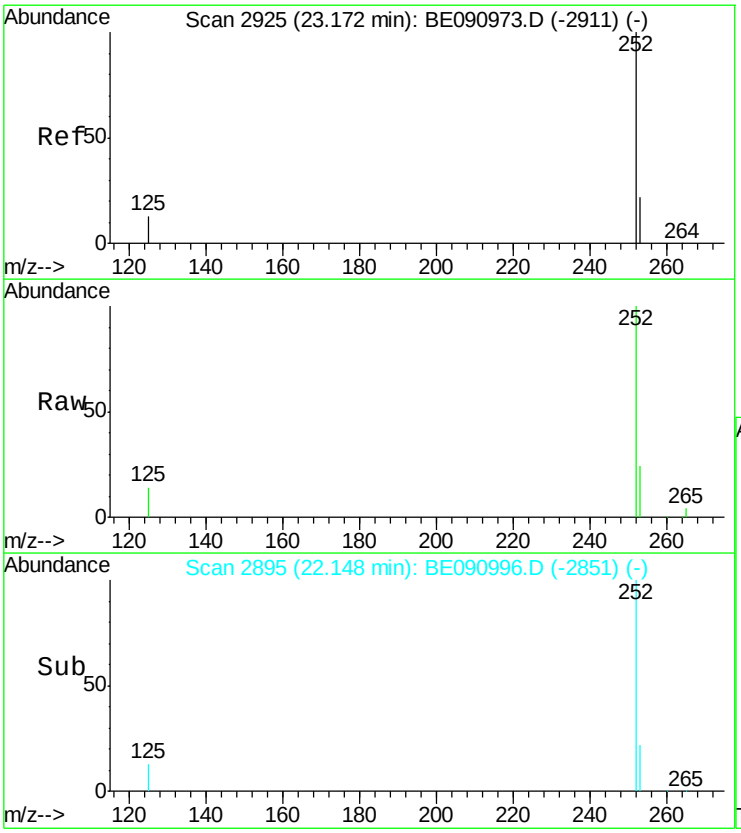
#37
Benzo(k)fluoranthene
Concen: 0.78 ng
RT: 21.70 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 113493

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	12.9	9.9	14.9

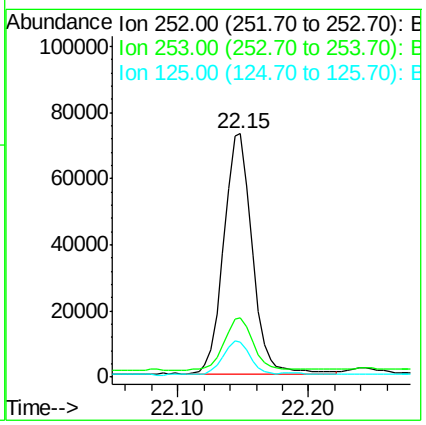


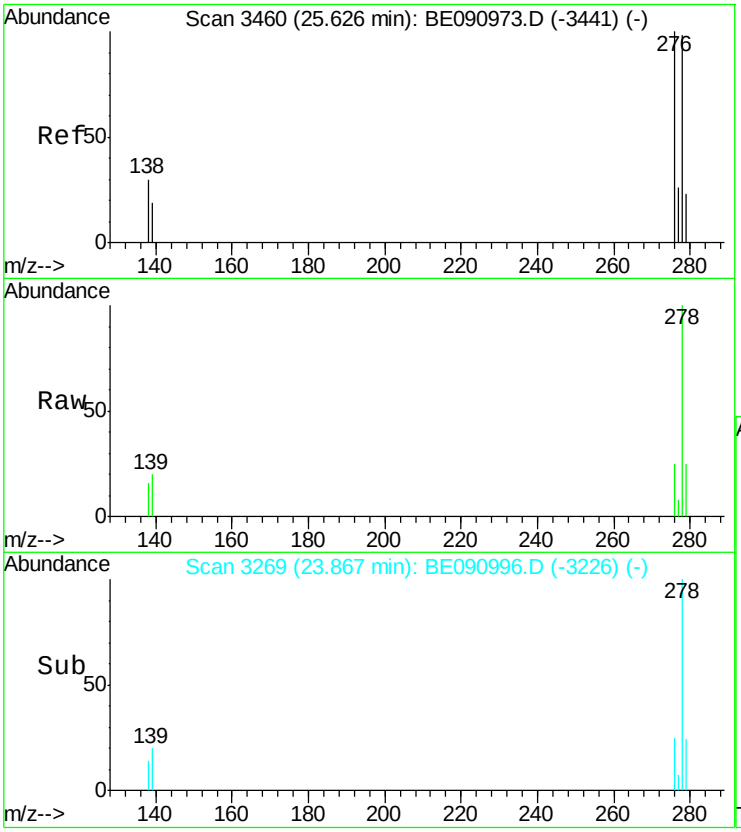


#38
Benzo(a)pyrene
Concen: 1.08 ng
RT: 22.15 min Scan# 2895
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:252 Resp: 109627

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	14.1	11.0	16.4



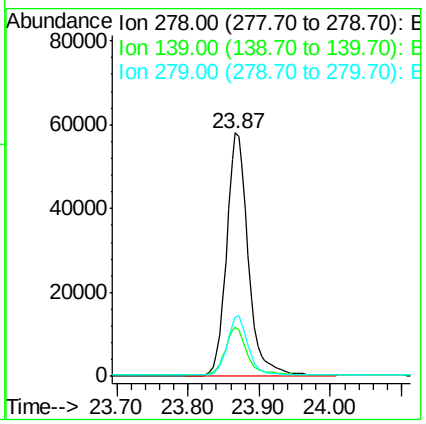


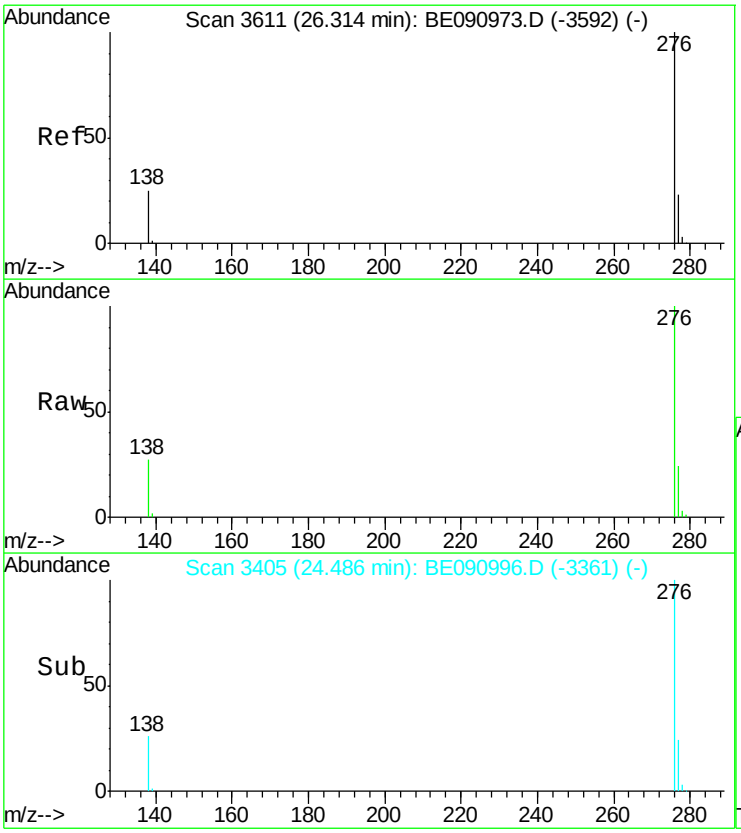
#39
Dibenzo(a,h)anthracene
Concen: 1.24 ng
RT: 23.87 min Scan# 3269
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 124046

Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.0	24.0
279	24.5	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 1.17 ng
RT: 24.49 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BE090996.D
Acq: 8 Oct 2015 10:36

Tgt Ion:276 Resp: 127410

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.1	20.4	30.6