Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
Data File : BE090997.D
Acq On : 8 Oct 2015 11:21
Operator : UM/IZ
Sample : G3965-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : TW-4

Quant Time: Oct 09 01:36:26 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	68116	5.00	ng		0.00
7) Naphthalene-d8	9.63	136	339052	5.00	ng		0.00
13) Acenaphthene-d10	13.45	164	189530	5.00	ng		0.00
19) Phenanthrene-d10	16.17	188	428225	5.00	ng		-0.01
26) Chrysene-d12	20.33	240	545908	5.00	ng		0.00
35) Perylene-d12	22.25	264	534441	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.97	112	50155	3.67	ng		-0.03
5) Phenol-d6	6.60	99	49251	2.82	ng		-0.03
8) Nitrobenzene-d5	8.21	82	96207	4.33	ng		-0.02
14) 2,4,6-Tribromophenol	14.99	330	62236	9.45	ng		0.00
15) 2-Fluorobiphenyl	12.08	172	195084	3.80	ng		-0.01
29) Terphenyl-d14	18.73	244	332245	4.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	7131	0.60	ng	#	83
3) n-Nitrosodimethylamine	3.76	42	256	Below Cal		#	24
6) bis(2-Chloroethyl)ether	6.62	93	2848	0.20	ng	#	1
9) Nitrobenzene	8.27	77	1462	0.34	ng	#	20
10) Naphthalene	9.67	128	201383	3.06	ng		100
11) Hexachlorobutadiene	9.89	225	6	Below Cal		#	1
12) 2-Methylnaphthalene	11.20	142	13857	0.32	ng	#	94
17) Acenaphthene	13.51	154	24188	0.48	ng		91
18) Fluorene	14.50	166	17542	0.28	ng		98
21) Hexachlorobenzene	15.47	284	53	Below Cal		#	38
22) Pentachlorophenol	15.93	266	857	0.19	ng	#	89
23) Phenanthrene	16.21	178	77974	0.74	ng		96
24) Anthracene	16.21	178	77974	0.85	ng		95
25) Fluoranthene	18.20	202	33900	0.27	ng		98
27) Benzidine	18.62	184	673	Below Cal		#	1
28) Pyrene	18.58	202	34404	0.26	ng		97
30) Benzo(a)anthracene	20.30	228	8515	0.07	ng	#	69
31) 3,3'-Dichlorobenzidine	20.78	252	306	0.04	ng	#	1
32) Chrysene	20.36	228	8502	Below Cal		#	76
33) Bis(2-ethylhexyl)phthalate	20.02	149	7293	0.23	ng	#	91
34) Indeno(1,2,3-cd)pyrene	23.91	276	3613	0.14	ng		97
36) Benzo(b)fluoranthene	21.67	252	5457	0.05	ng	#	1
37) Benzo(k)fluoranthene	21.70	252	4941	Below Cal		#	1
38) Benzo(a)pyrene	22.15	252	4850	0.04	ng	#	1
40) Benzo(g,h,i)perylene	24.49	276	3910	0.03	ng	#	22

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100815\
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Acq On : 8 Oct 2015 11:21
Operator : UM/IZ
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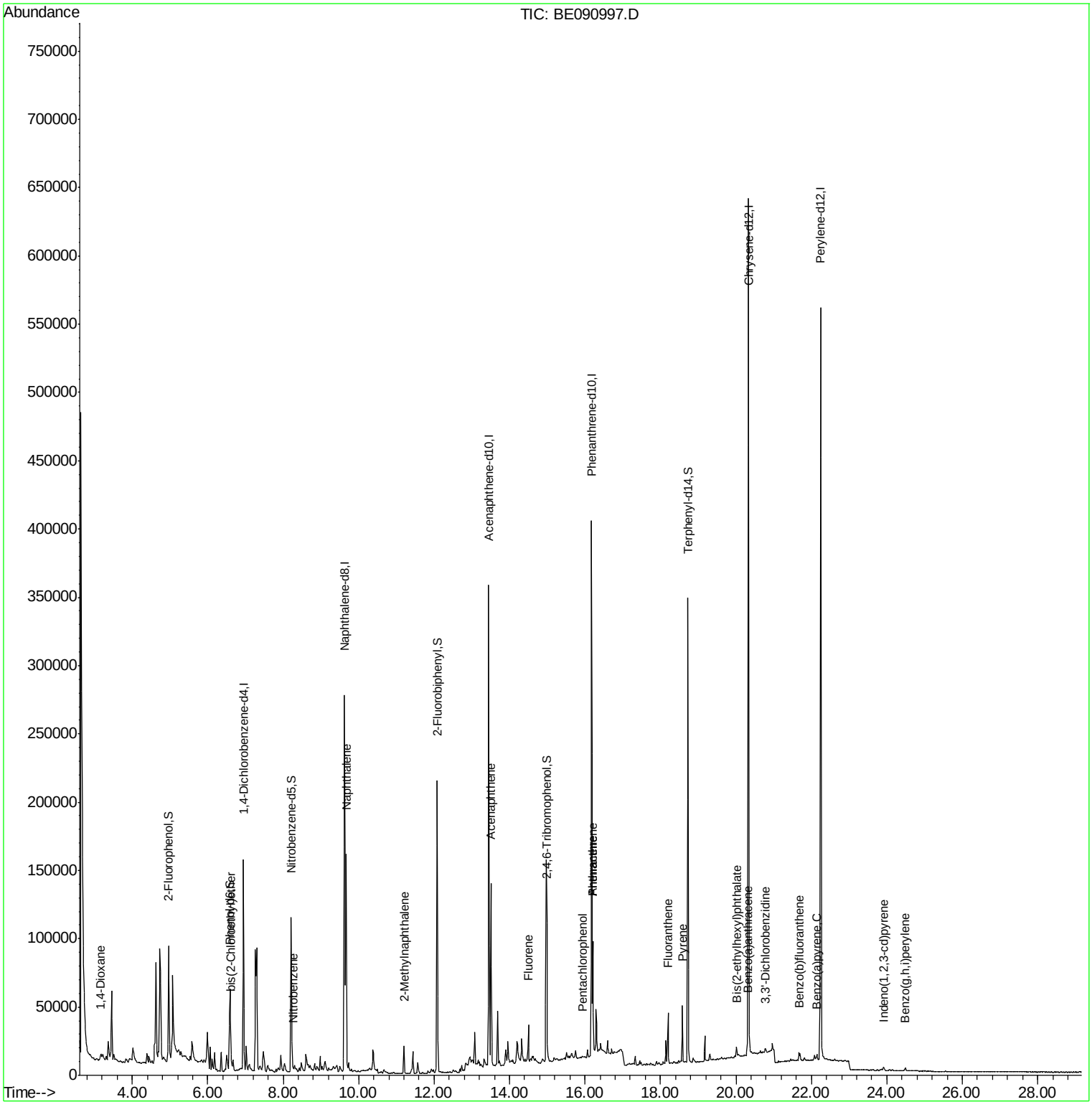
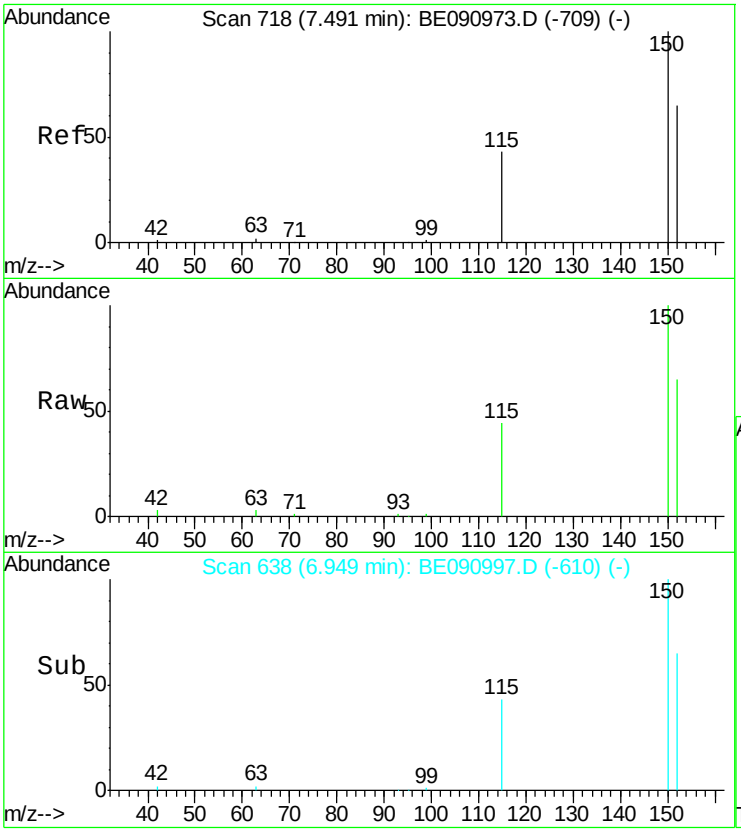
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TW-4

Quant Time: Oct 09 01:36:26 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



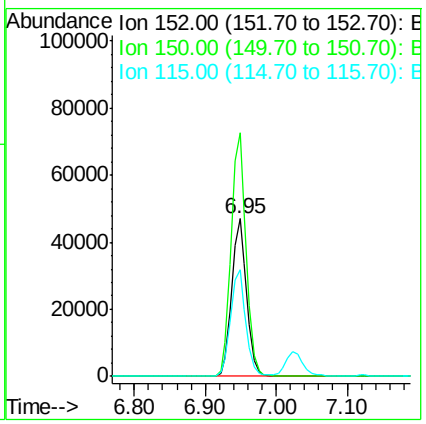


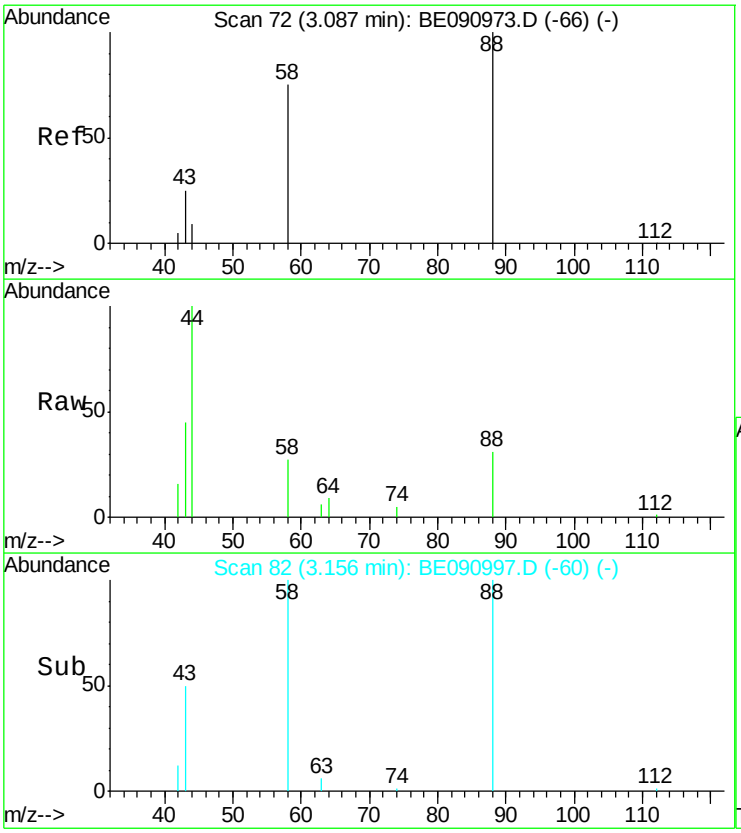
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.95 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:152 Resp: 68116

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.6	183.8
115	67.5	52.8	79.2

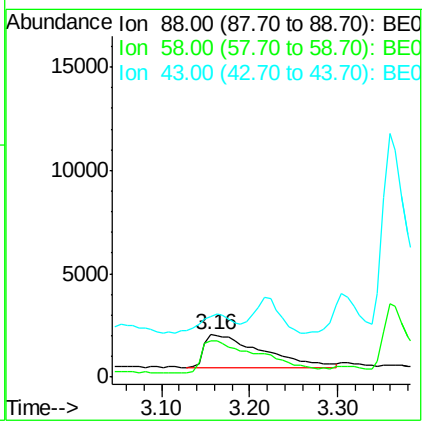


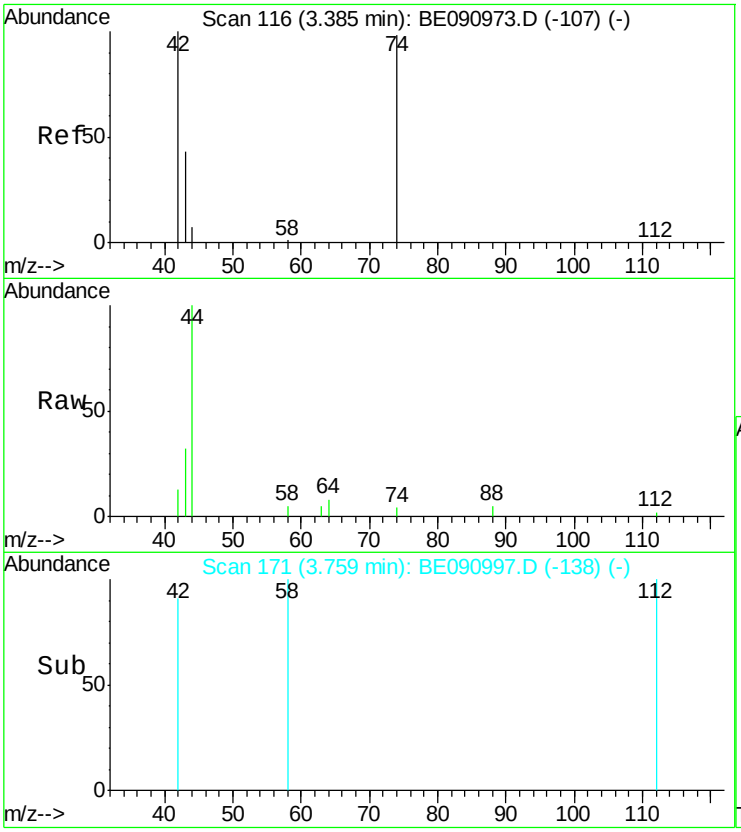


#2
1,4-Dioxane
Concen: 0.60 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.05 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion: 88 Resp: 7131

Ion	Ratio	Lower	Upper
88	100		
58	102.7	65.8	98.6#
43	32.6	25.3	37.9



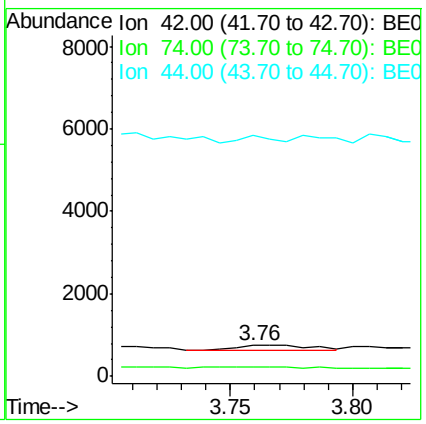


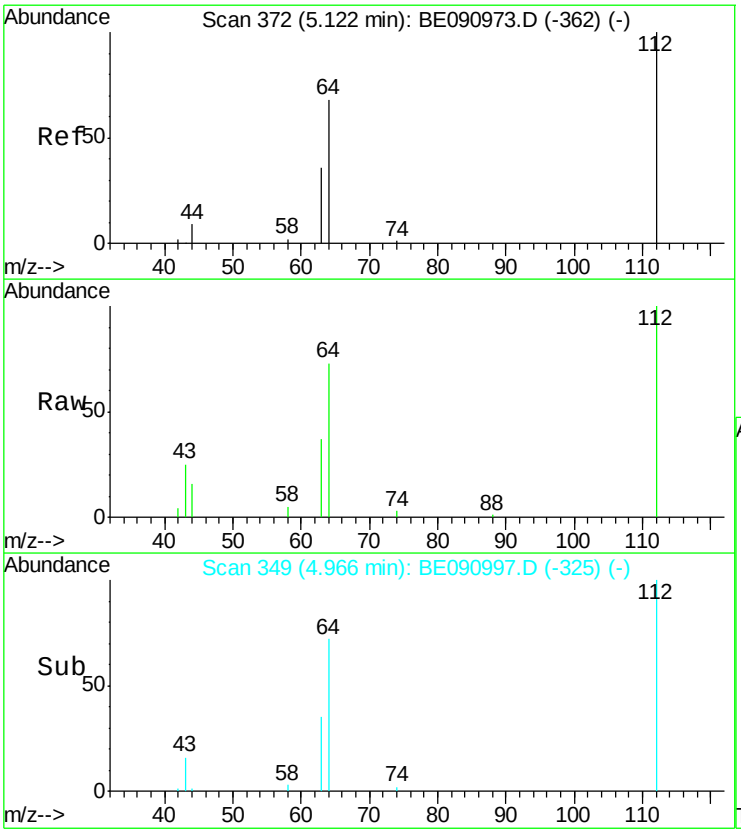
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.76 min Scan# 171
Delta R.T. 0.03 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion: 42 Resp: 256

Ion	Ratio	Lower	Upper
42	100		
74	34.0	87.9	131.9#
44	57.0	6.6	9.8#

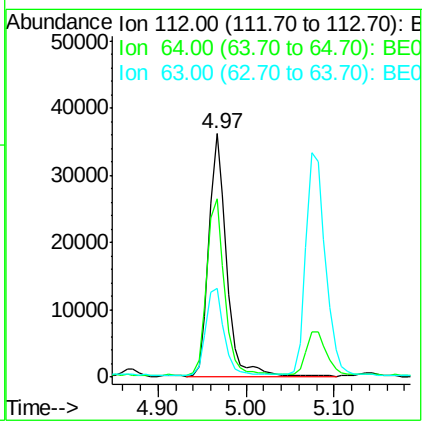


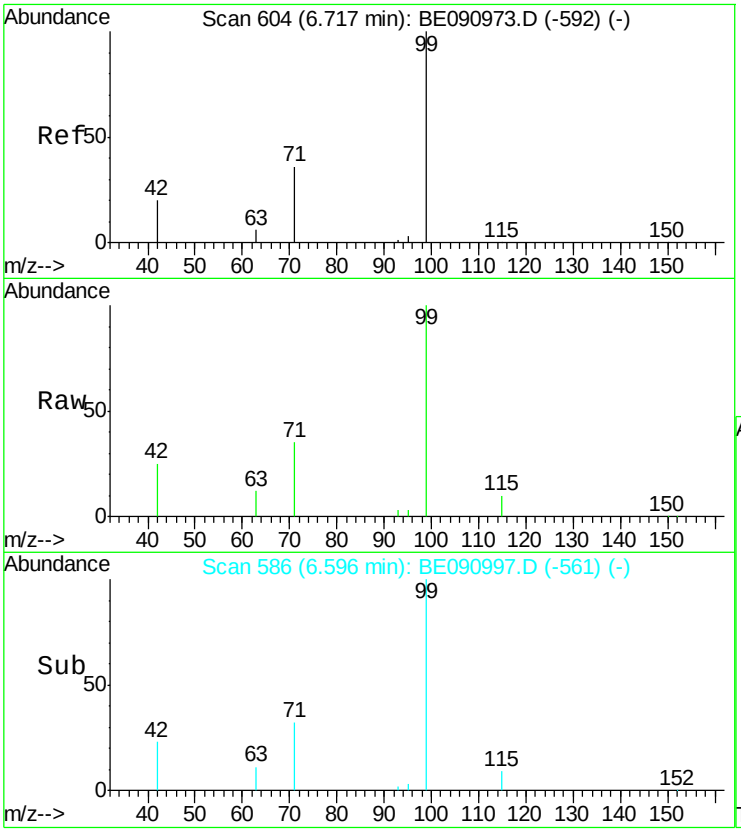


#4
2-Fluorophenol
Concen: 3.67 ng
RT: 4.97 min Scan# 349
Delta R.T. -0.03 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:112 Resp: 50155

Ion	Ratio	Lower	Upper
112	100		
64	73.5	30.9	46.3#
63	37.1	16.7	25.1#



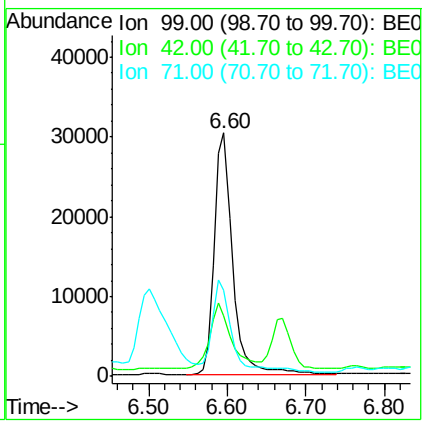


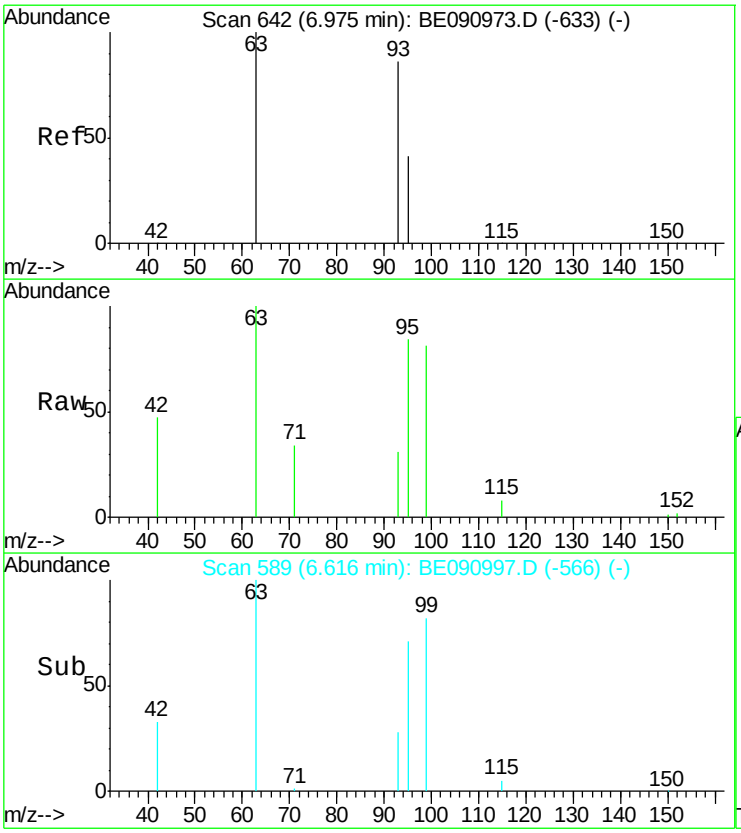
#5
Phenol-d6
Concen: 2.82 ng
RT: 6.60 min Scan# 586
Delta R.T. -0.03 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion: 99 Resp: 49251

Ion	Ratio	Lower	Upper
99	100		
42	33.1	16.2	24.2#
71	40.7	29.0	43.4

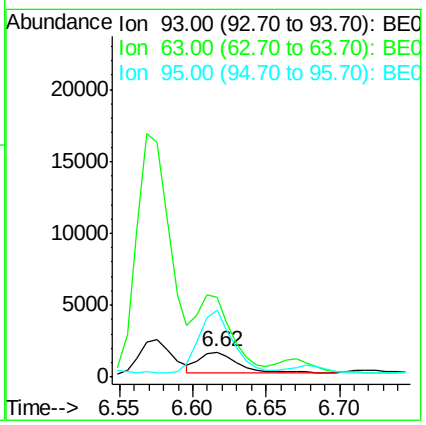


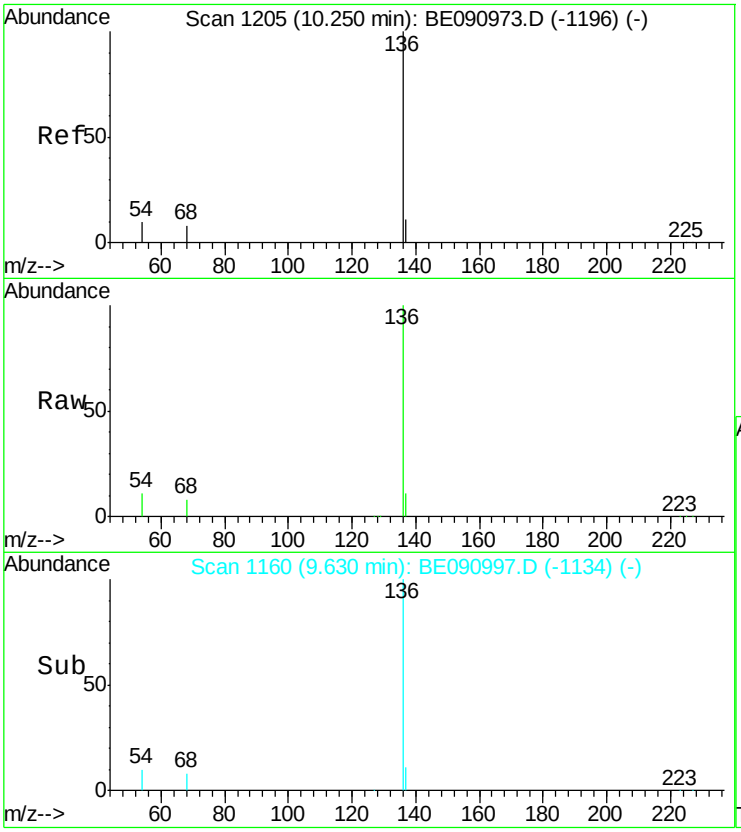


#6
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.62 min Scan# 589
Delta R.T. -0.04 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion: 93 Resp: 2848

Ion	Ratio	Lower	Upper
93	100		
63	264.4	49.5	74.3#
95	244.9	22.2	33.4#



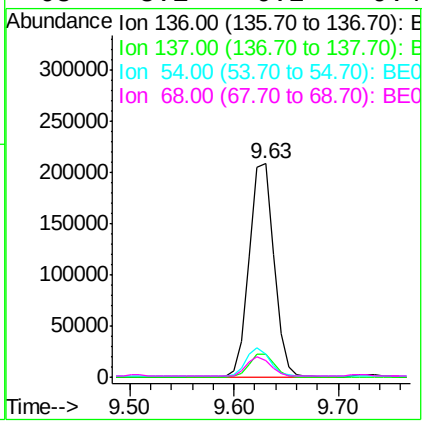


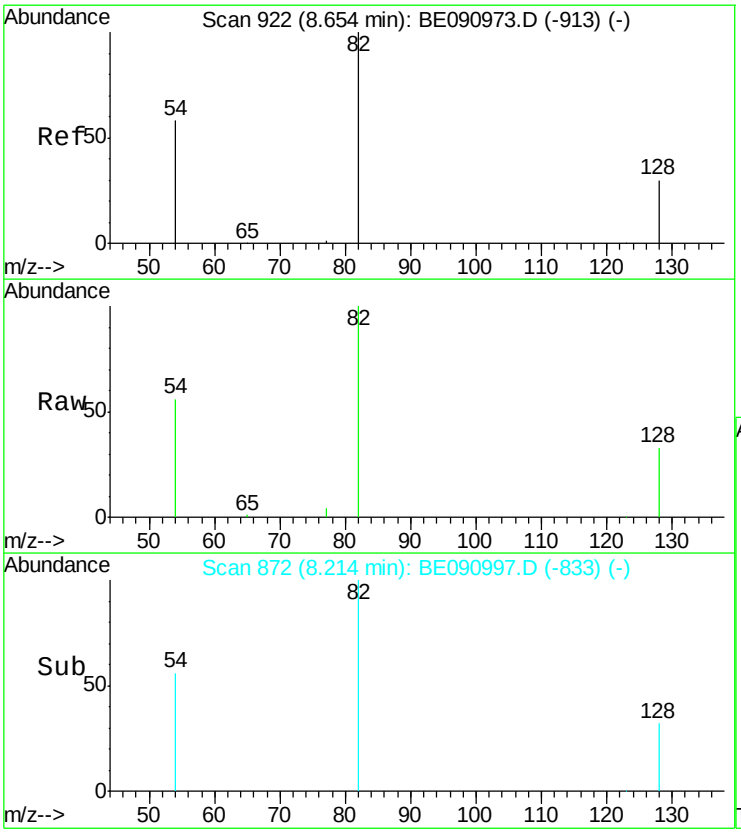
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 9.63 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:136 Resp: 339052

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.9	8.2	12.4
68	8.1	6.2	9.4

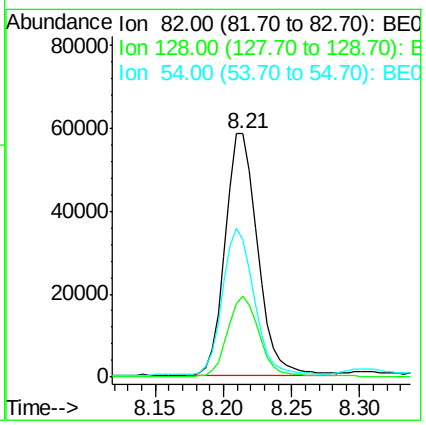


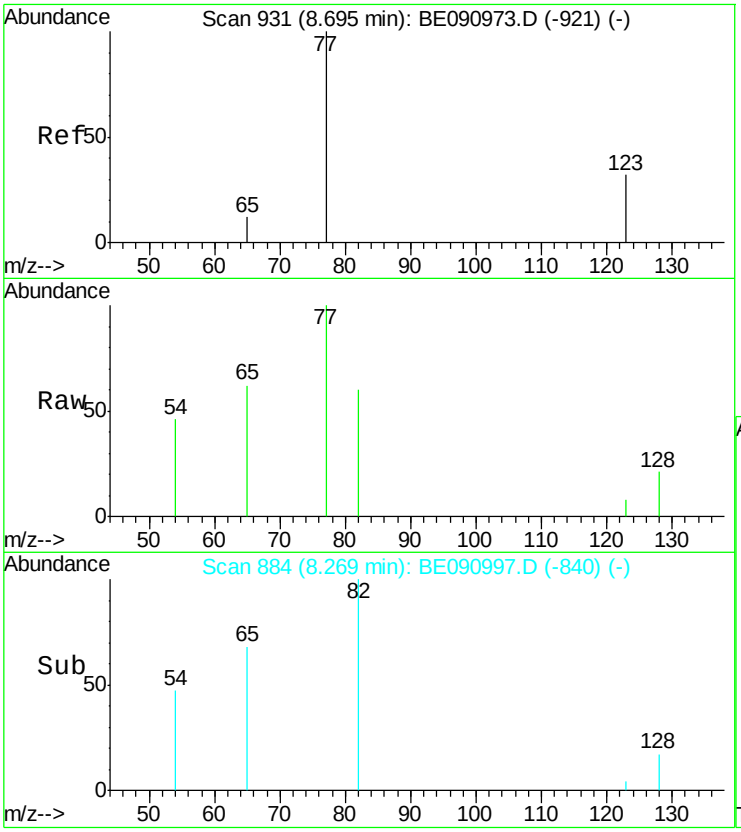


#8
Nitrobenzene-d5
Concen: 4.33 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.02 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion: 82 Resp: 96207

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.4	38.0
54	56.5	48.4	72.6



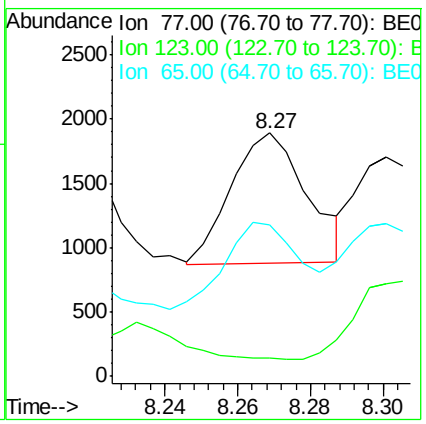


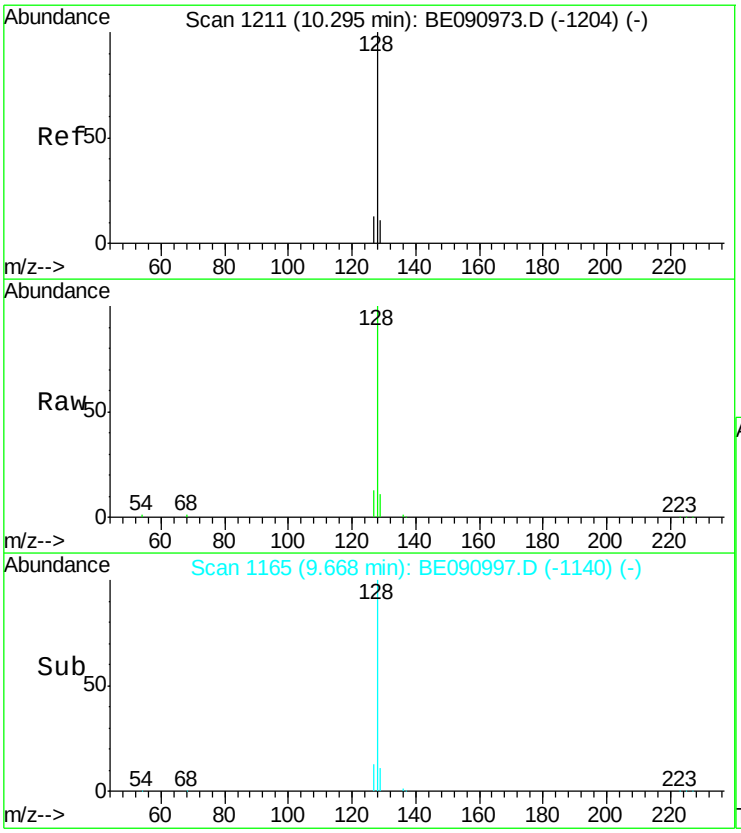
#9
Nitrobenzene
Concen: 0.34 ng
RT: 8.27 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion: 77 Resp: 1462

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.9	40.3#
65	66.1	9.4	14.2#

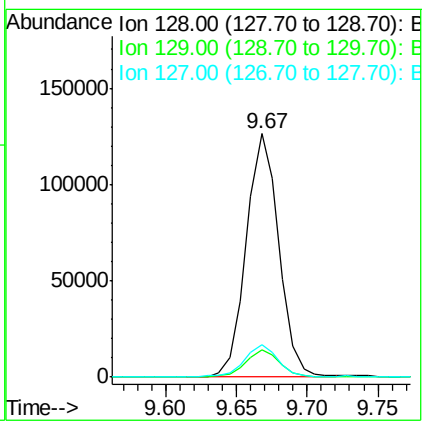


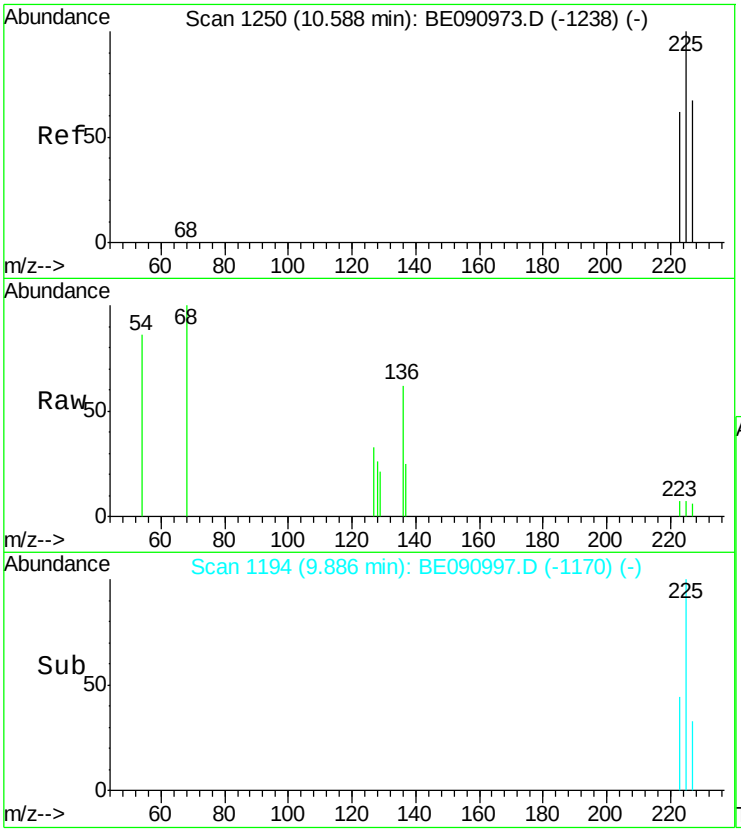


#10
Naphthalene
Concen: 3.06 ng
RT: 9.67 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:128 Resp: 201383

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	10.7	16.1



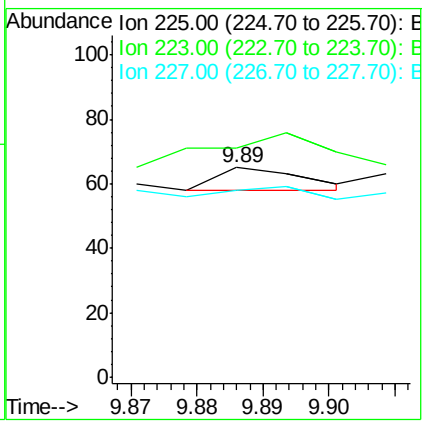


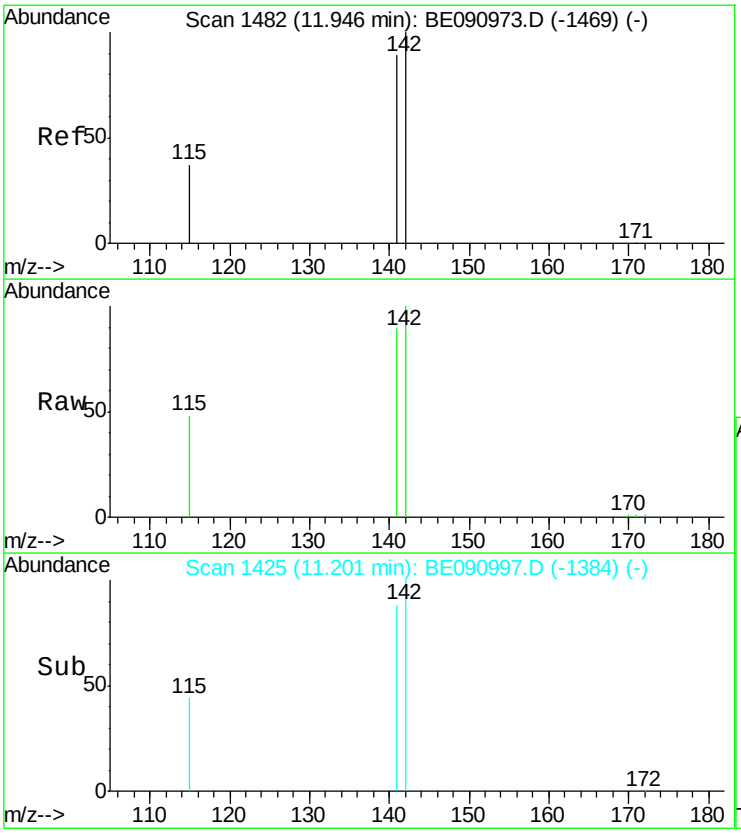
#11
Hexachlorobutadiene
Concen: Below Cal
RT: 9.89 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:225 Resp: 6

Ion	Ratio	Lower	Upper
225	100		
223	250.0	49.0	73.6#
227	0.0	50.3	75.5#

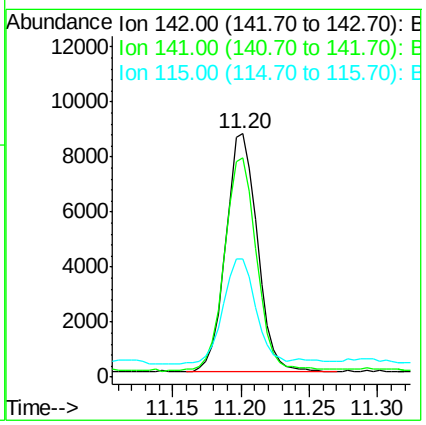


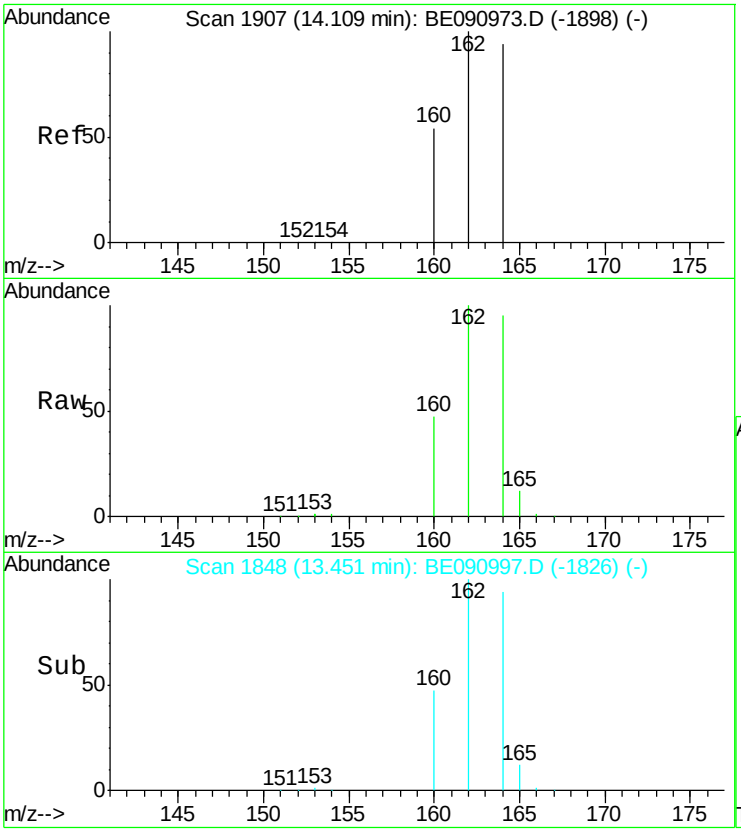


#12
2-Methylnaphthalene
Concen: 0.32 ng
RT: 11.20 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:142 Resp: 13857

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.0
115	48.4	30.3	45.5#



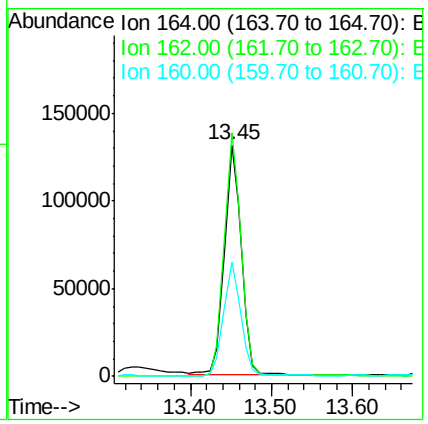


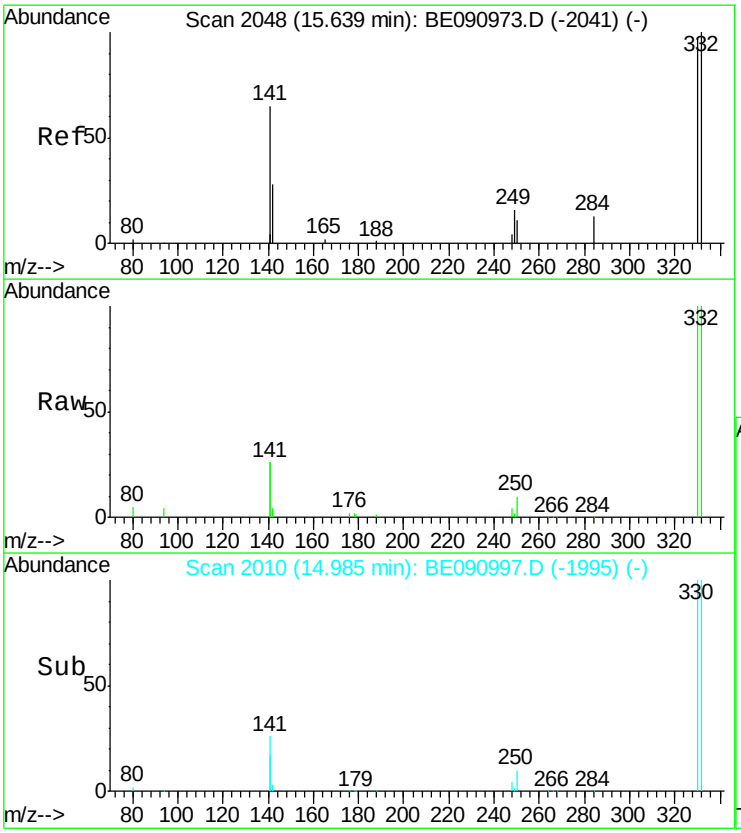
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 13.45 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:164 Resp: 189530

Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.3	127.9
160	49.5	46.2	69.2

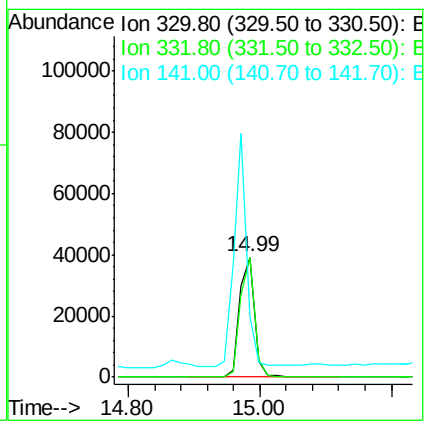


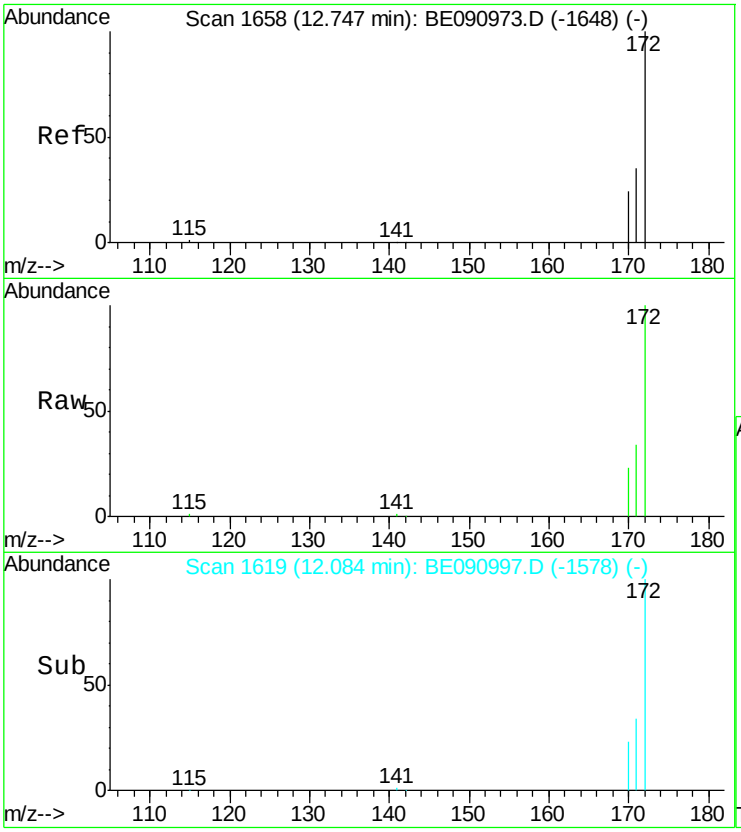


#14
2,4,6-Tribromophenol
Concen: 9.45 ng
RT: 14.99 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:330 Resp: 62236

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	168.8	125.4	188.0



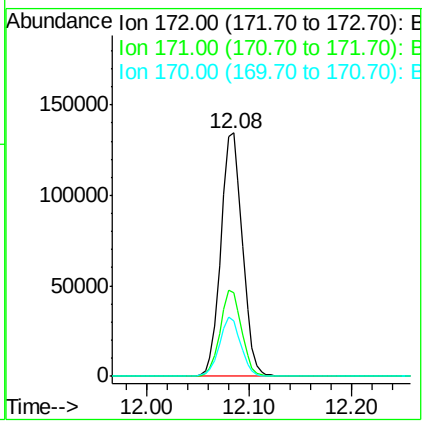


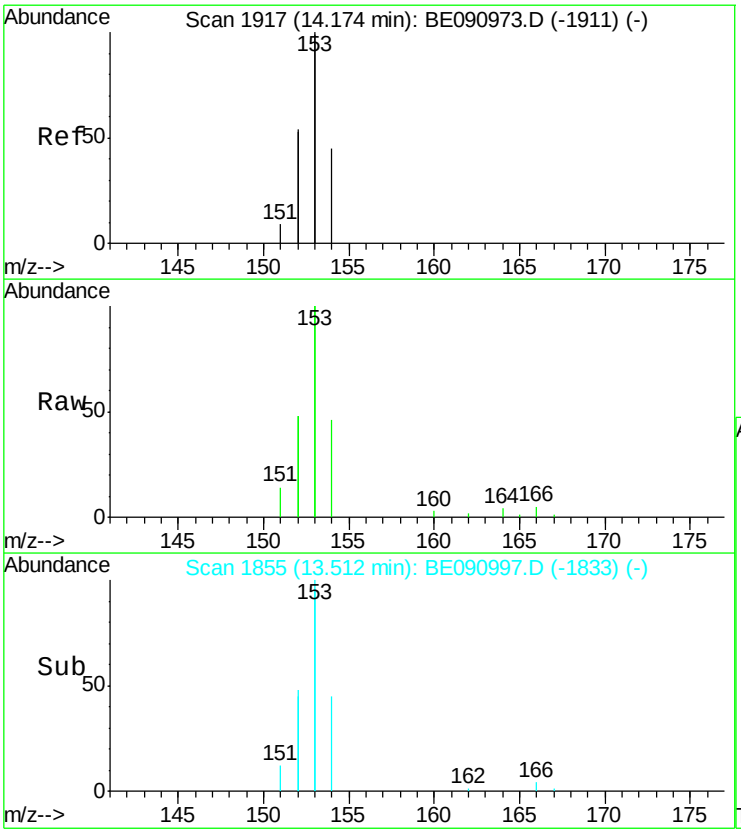
#15
2-Fluorobiphenyl
Concen: 3.80 ng
RT: 12.08 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:172 Resp: 195084

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.8	43.2
170	22.7	19.3	28.9

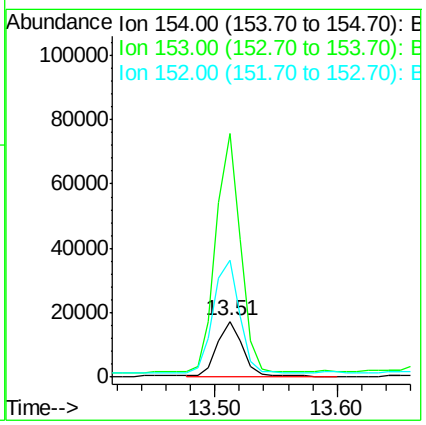


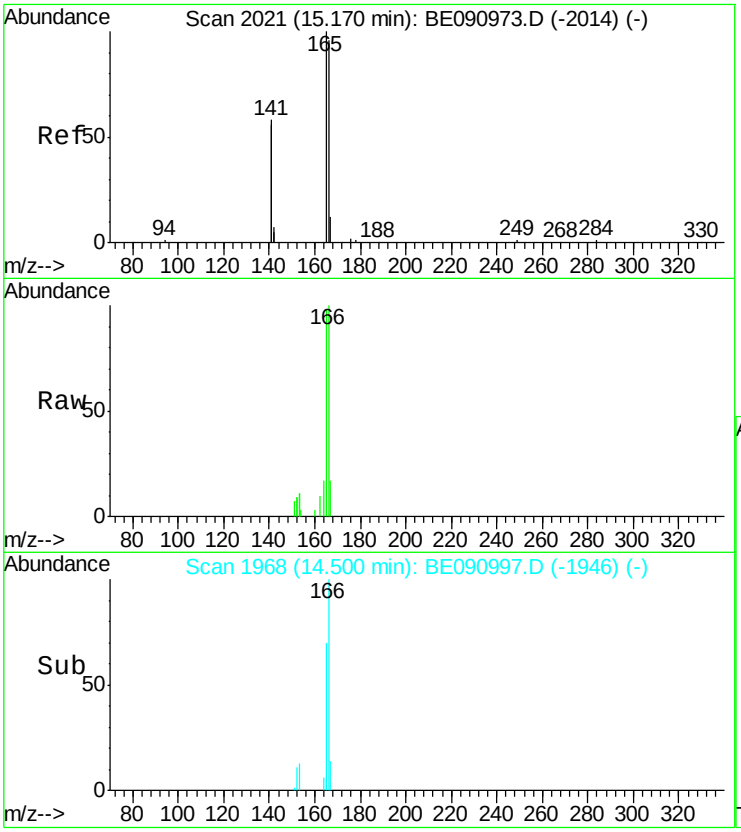


#17
Acenaphthene
Concen: 0.48 ng
RT: 13.51 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:154 Resp: 24188

Ion	Ratio	Lower	Upper
154	100		
153	431.1	352.0	528.0
152	215.7	200.0	300.0



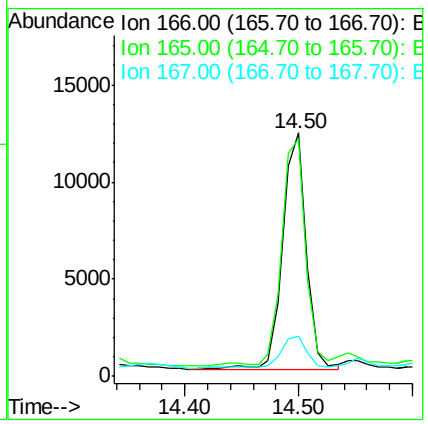


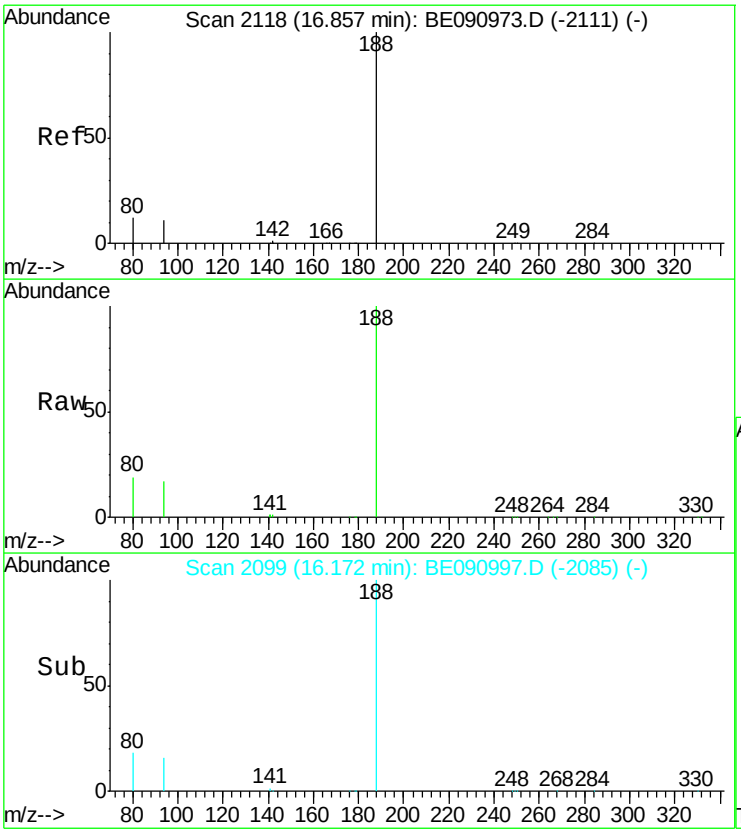
#18
Fluorene
Concen: 0.28 ng
RT: 14.50 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:166 Resp: 17542

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	13.0	10.9	16.3

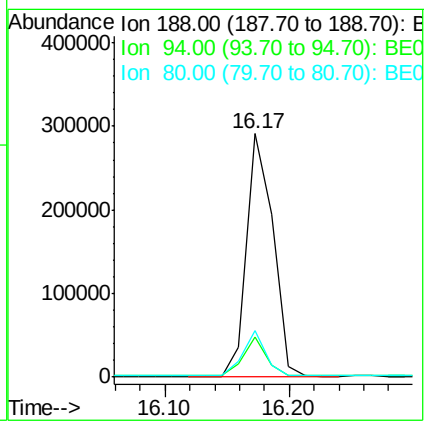


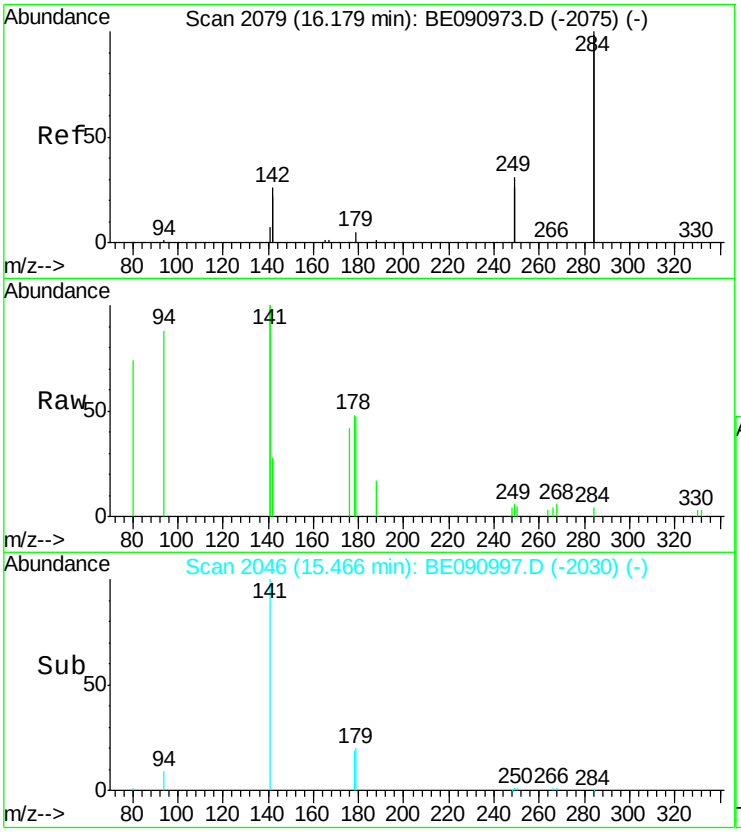


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:188 Resp: 428225

Ion	Ratio	Lower	Upper
188	100		
94	16.6	8.7	13.1#
80	18.9	9.4	14.0#



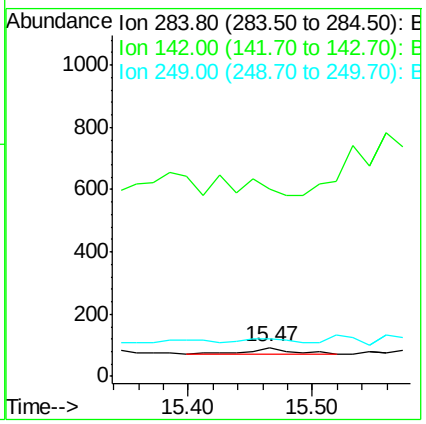


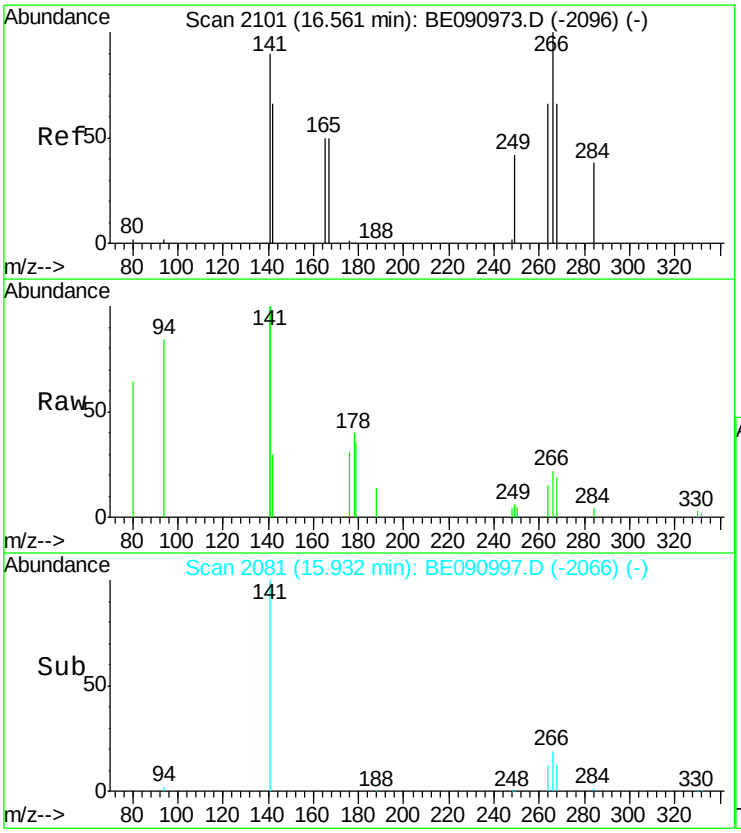
#21
Hexachlorobenzene
Concen: Below Cal
RT: 15.47 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:284 Resp: 53

Ion	Ratio	Lower	Upper
284	100		
142	0.0	32.2	48.2#
249	64.2	25.4	38.2#

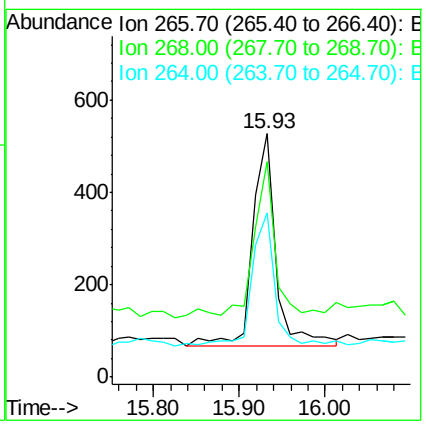


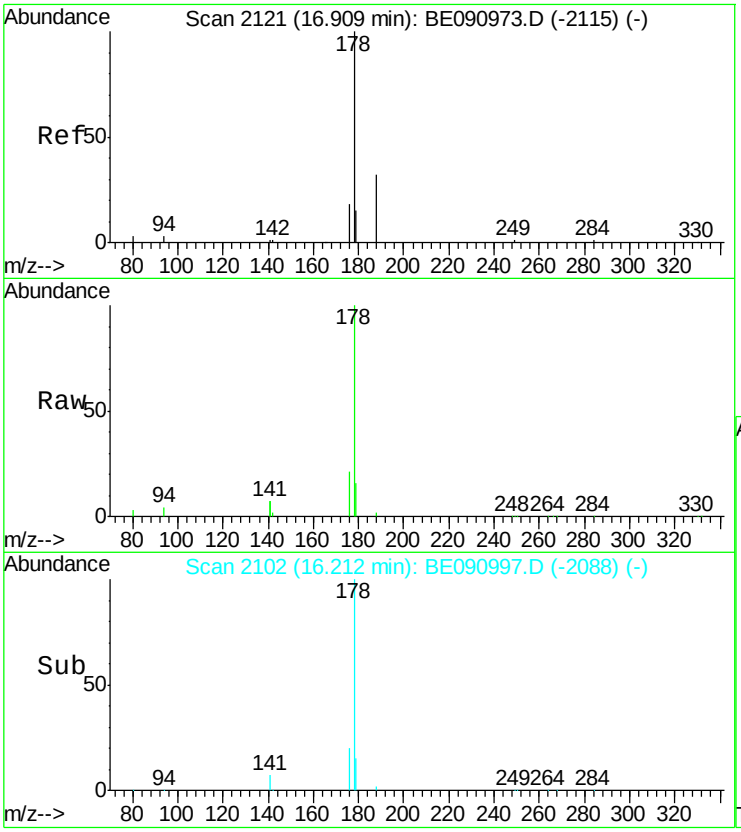


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 15.93 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:266 Resp: 857

Ion	Ratio	Lower	Upper
266	100		
268	88.6	58.2	87.2#
264	67.4	56.2	84.4



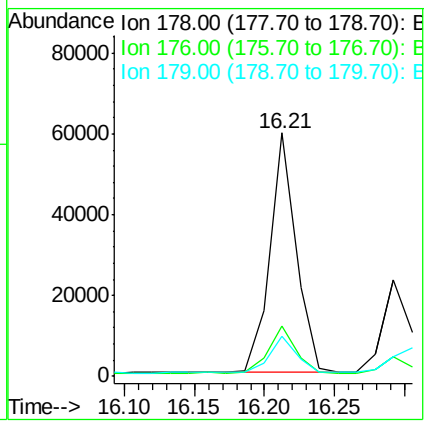


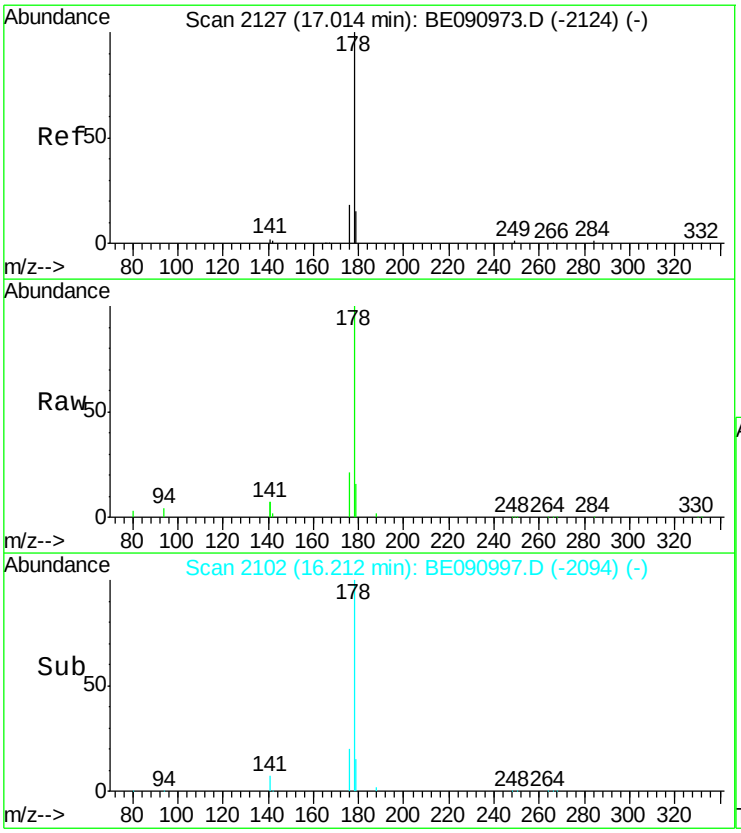
#23
Phenanthrene
Concen: 0.74 ng
RT: 16.21 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:178 Resp: 77974

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.3	22.9
179	16.4	12.6	18.8

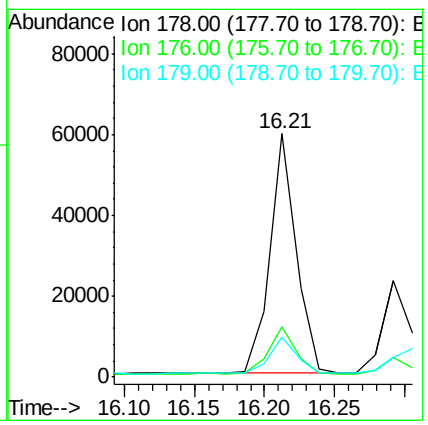


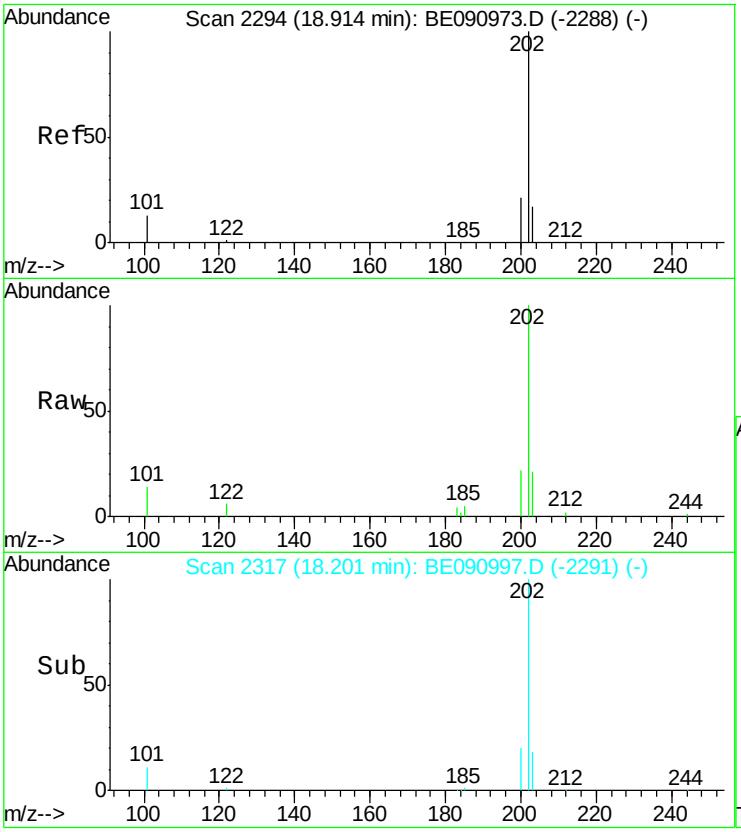


#24
Anthracene
Concen: 0.85 ng
RT: 16.21 min Scan# 2102
Delta R.T. -0.09 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:178 Resp: 77974

Ion	Ratio	Lower	Upper
178	100		
176	21.1	14.6	21.8
179	16.2	11.8	17.6



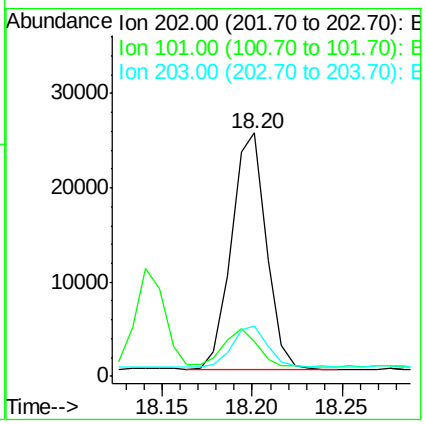


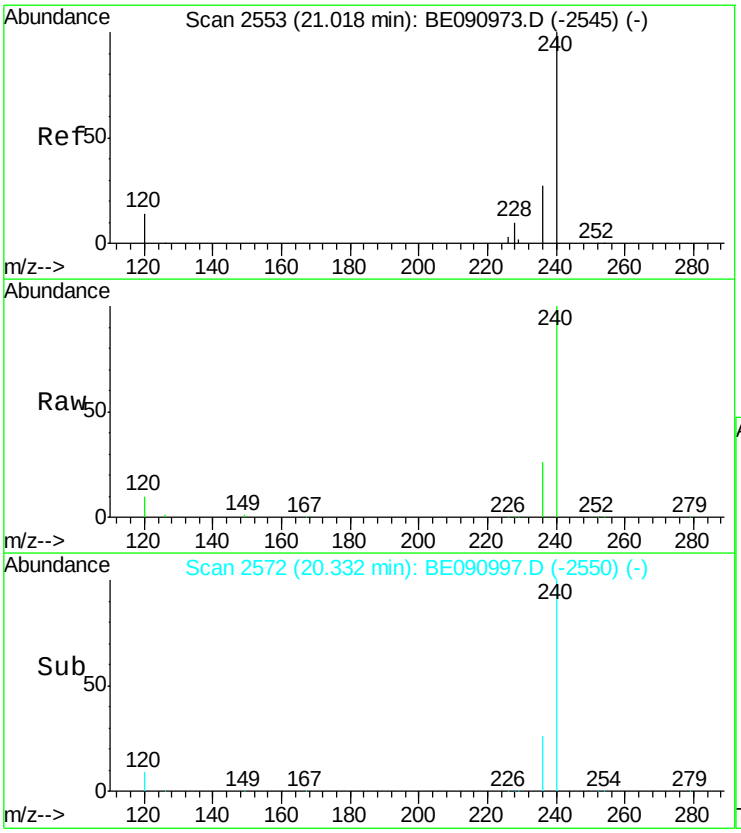
#25
Fluoranthene
Concen: 0.27 ng
RT: 18.20 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:202 Resp: 33900

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.0	16.6
203	17.5	13.9	20.9

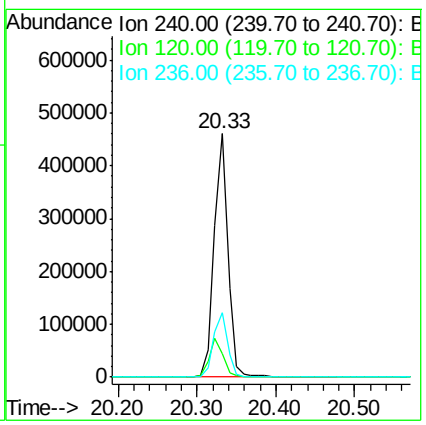


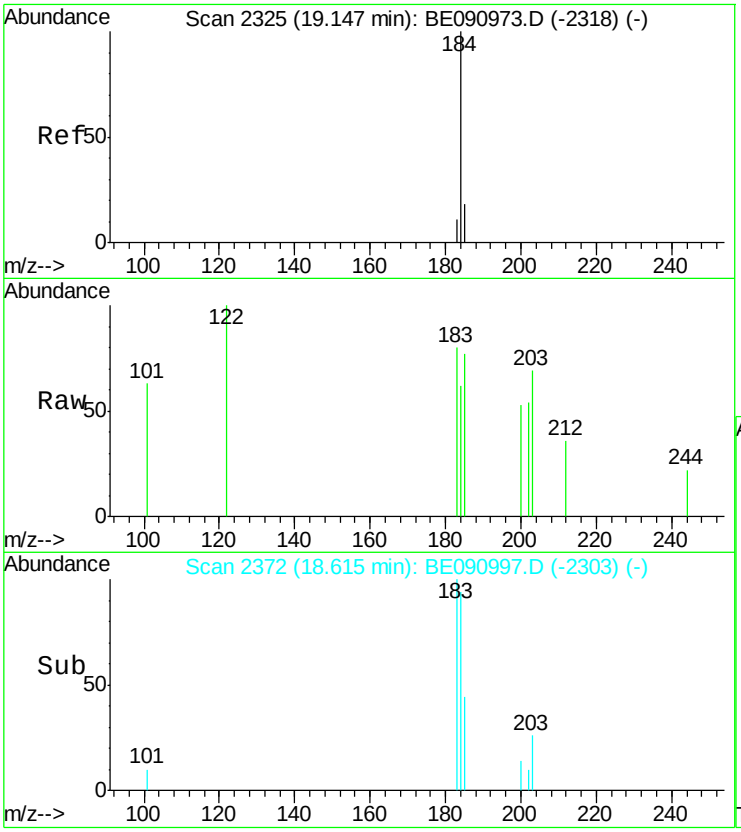


#26
Chrysene-d12
Concen: 5.00 ng
RT: 20.33 min Scan# 2572
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:240 Resp: 545908

Ion	Ratio	Lower	Upper
240	100		
120	9.6	11.0	16.4#
236	26.5	21.7	32.5



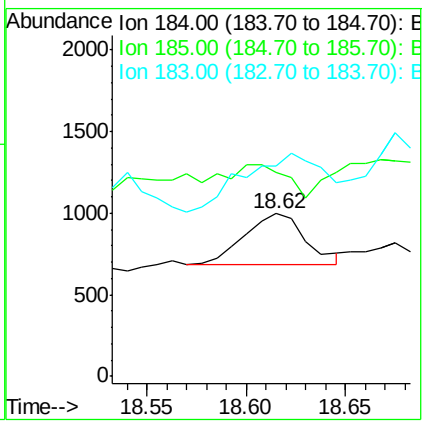


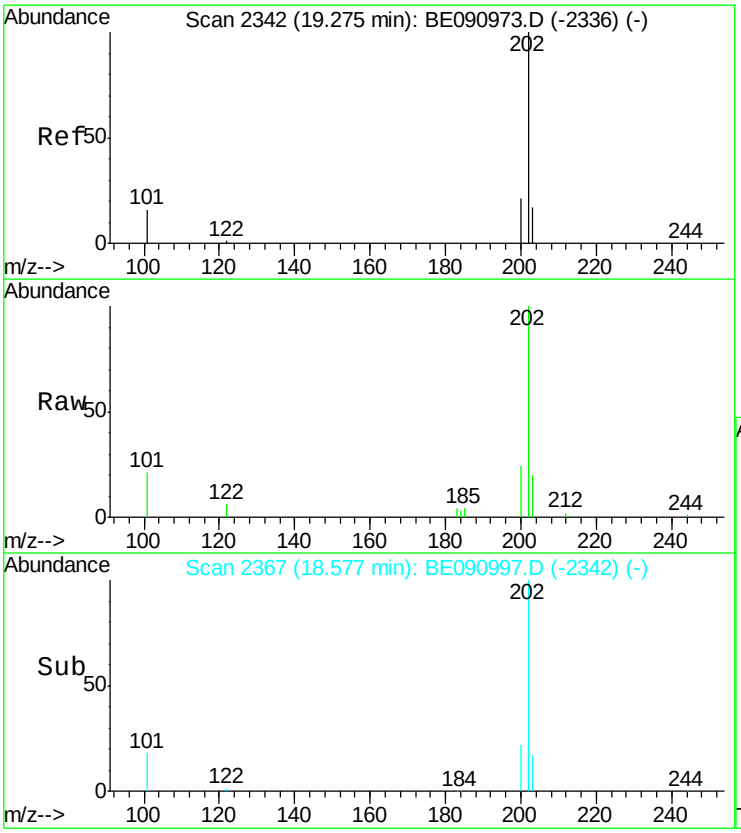
#27
Benzidine
Concen: Below Cal
RT: 18.62 min Scan# 2372
Delta R.T. 0.02 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:184 Resp: 673

Ion	Ratio	Lower	Upper
184	100		
185	125.1	22.3	33.5#
183	129.6	16.4	24.6#

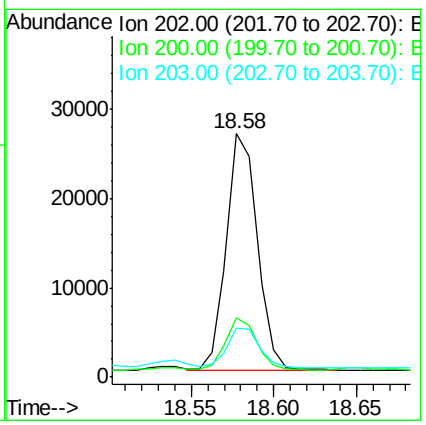


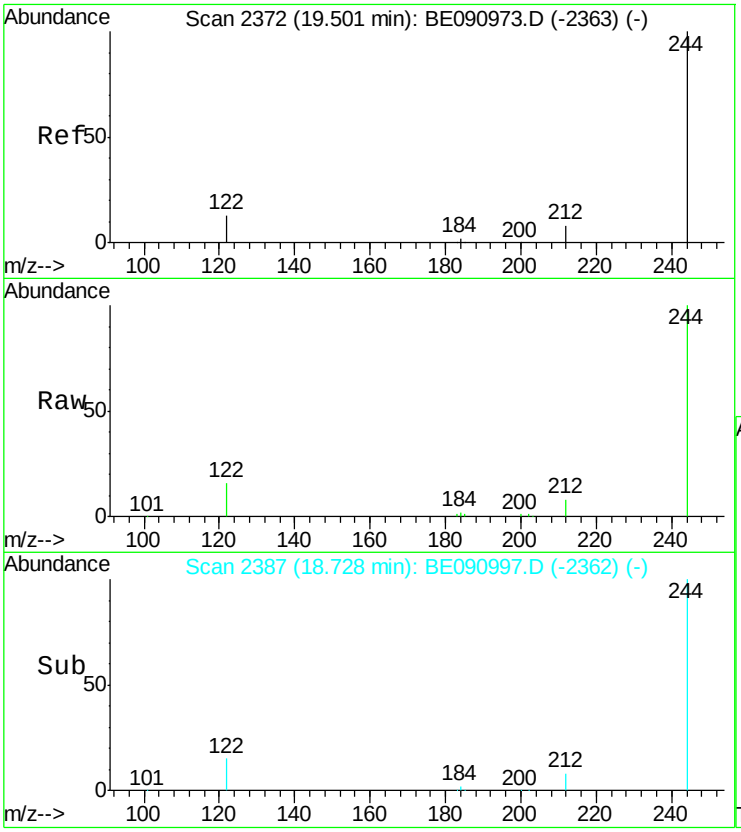


#28
Pyrene
Concen: 0.26 ng
RT: 18.58 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:202 Resp: 34404

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.8	25.2
203	17.9	14.0	21.0



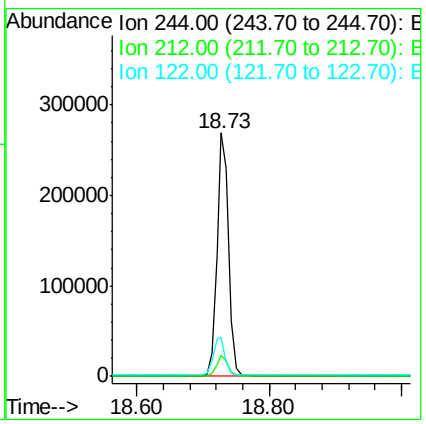


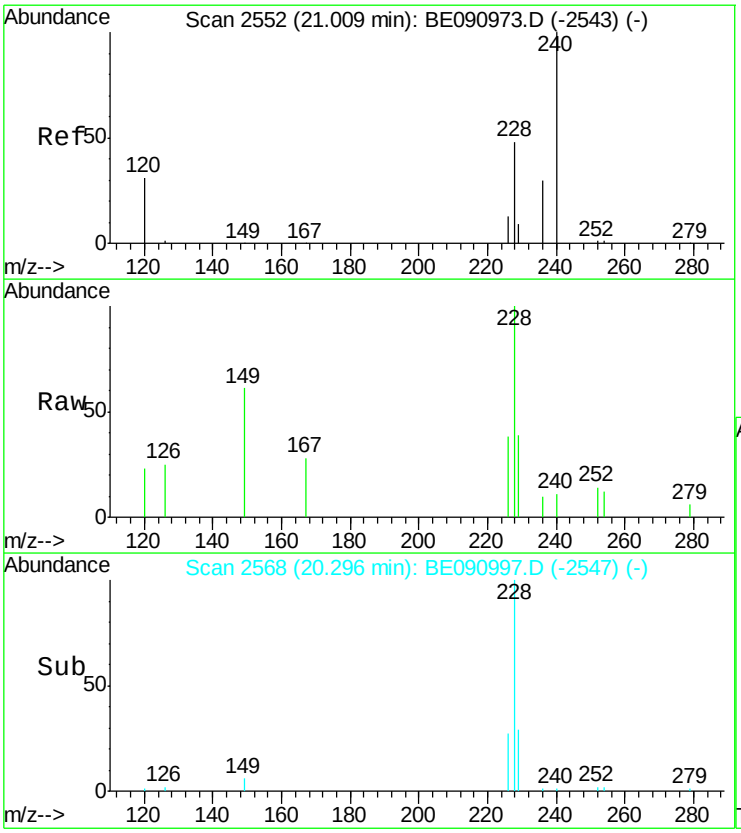
#29
Terphenyl-d14
Concen: 4.93 ng
RT: 18.73 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:244 Resp: 332245

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	15.7	11.0	16.4

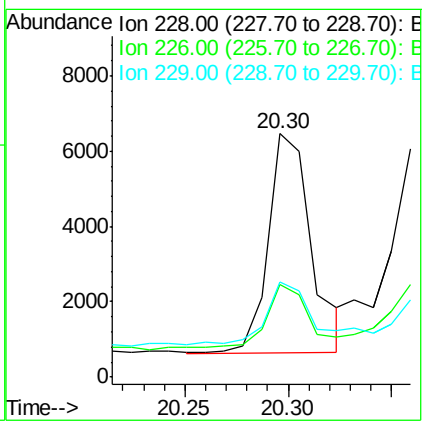


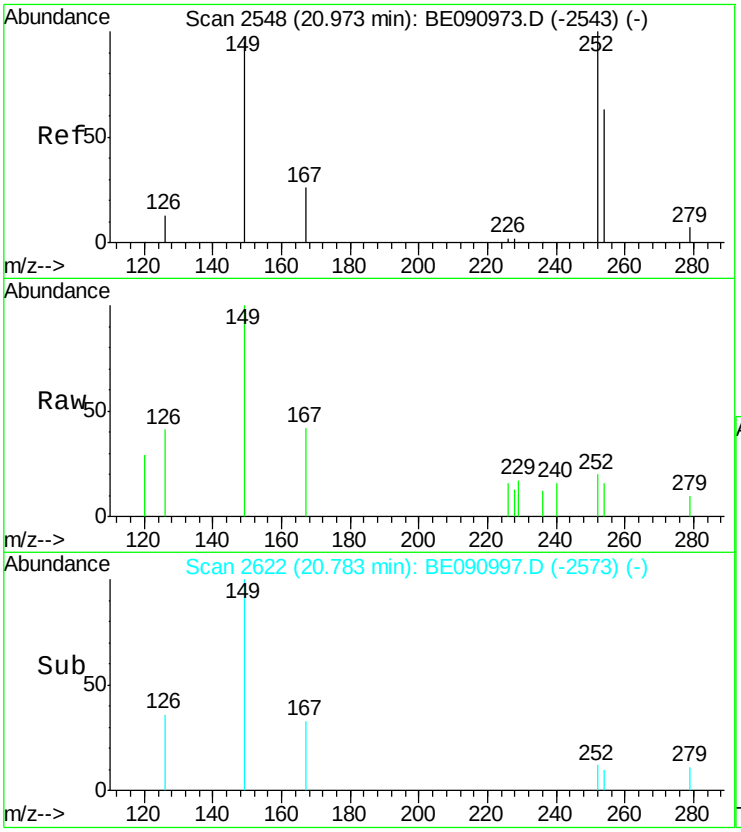


#30
Benzo(a)anthracene
Concen: 0.07 ng
RT: 20.30 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:228 Resp: 8515

Ion	Ratio	Lower	Upper
228	100		
226	38.1	21.0	31.4#
229	39.0	15.7	23.5#



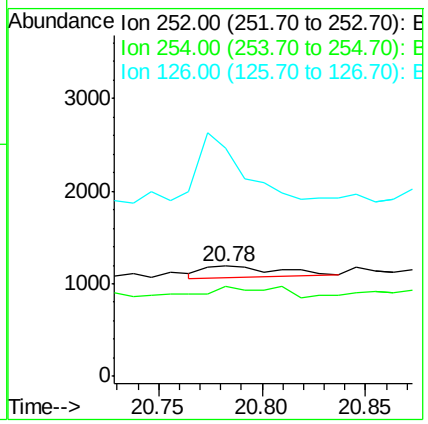


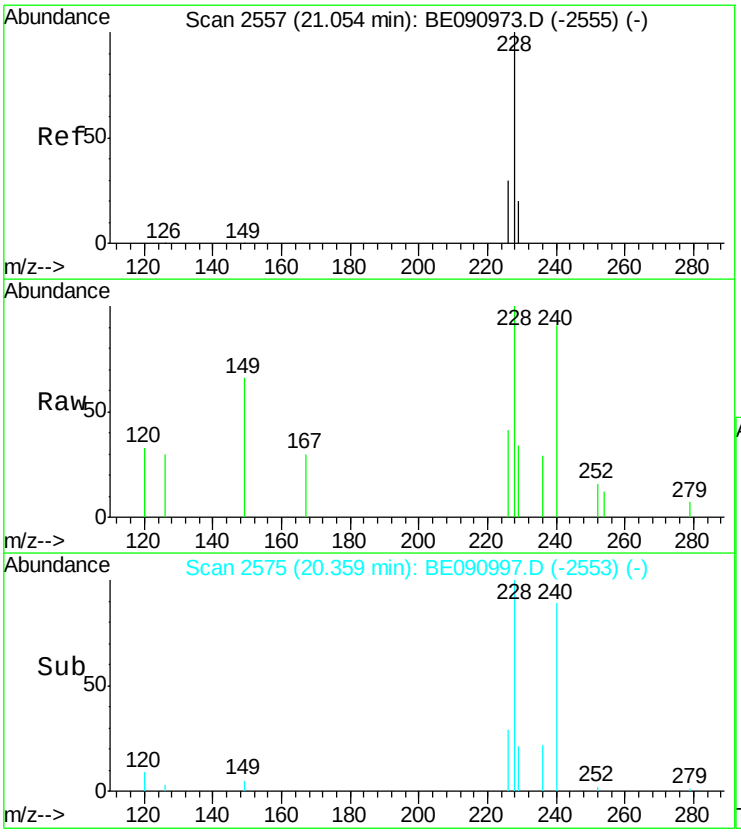
#31
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 20.78 min Scan# 2622
Delta R.T. -0.05 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:252 Resp: 306

Ion	Ratio	Lower	Upper
252	100		
254	81.4	51.1	76.7#
126	206.6	12.6	18.8#

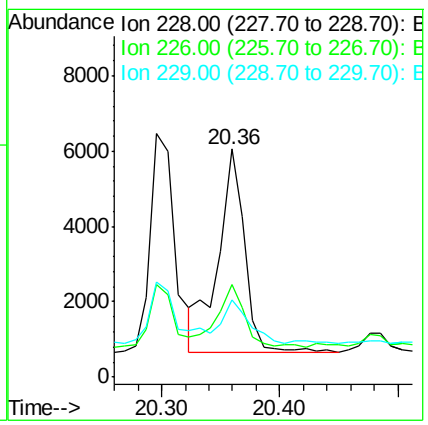


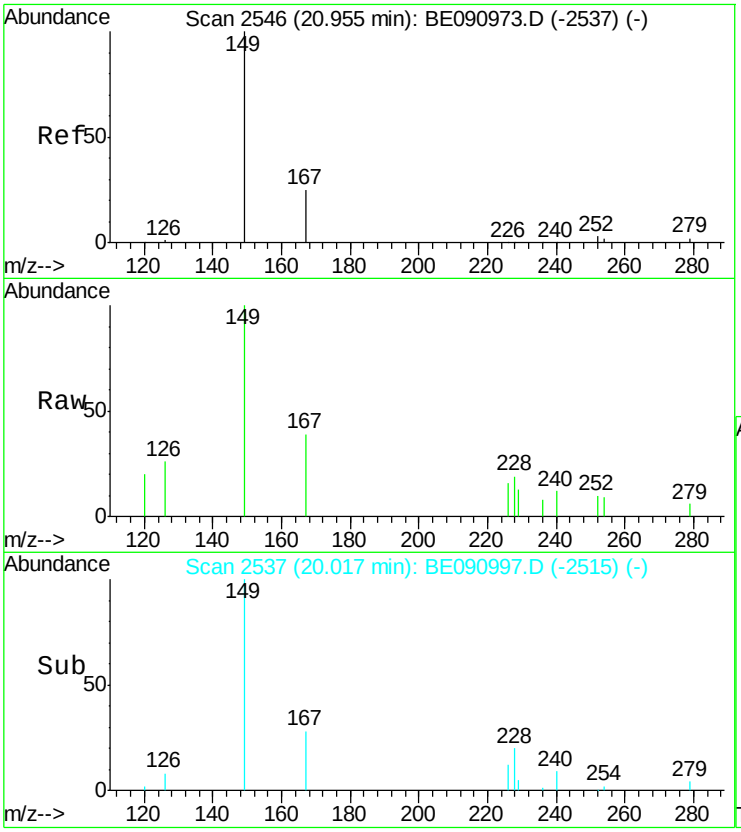


#32
Chrysene
Concen: Below Cal
RT: 20.36 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:228 Resp: 8502

Ion	Ratio	Lower	Upper
228	100		
226	40.7	24.0	36.0#
229	34.0	15.9	23.9#



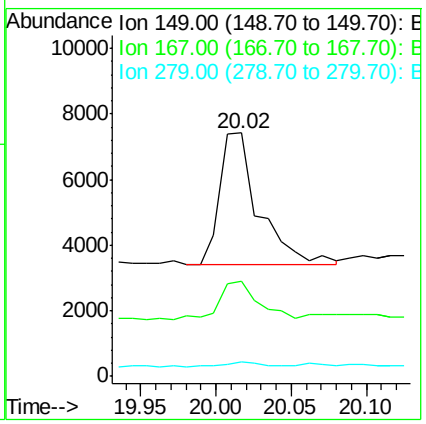


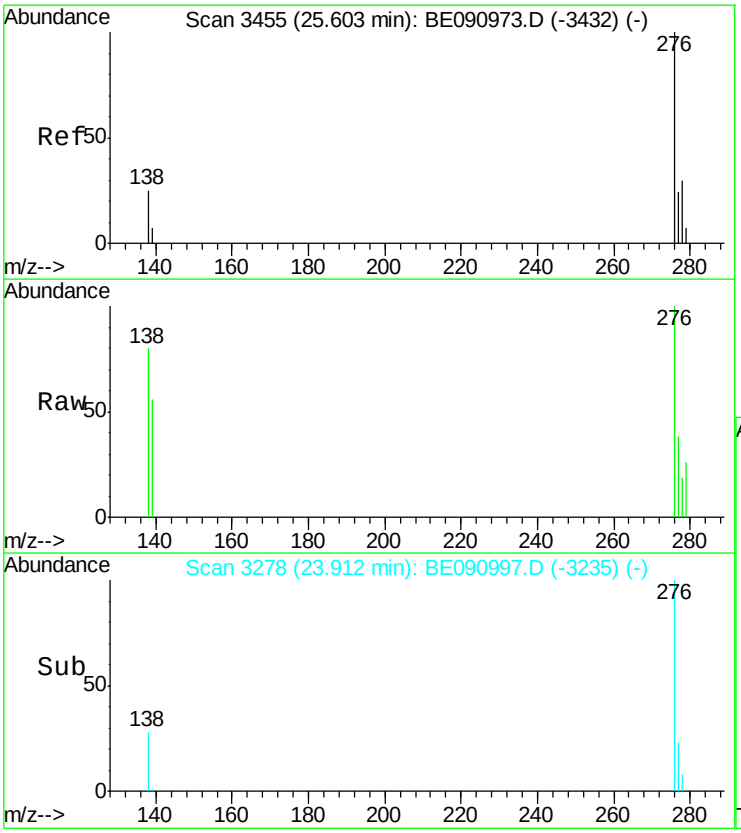
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 20.02 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:149 Resp: 7293

Ion	Ratio	Lower	Upper
149	100		
167	29.4	19.5	29.3#
279	3.9	2.3	3.5#

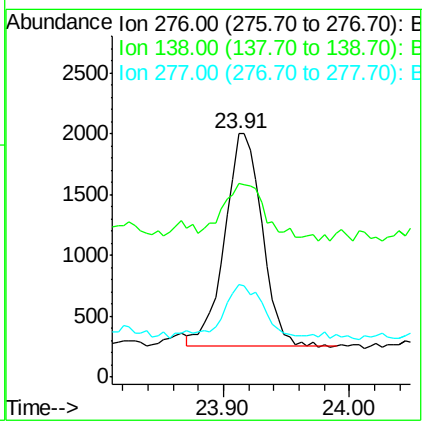


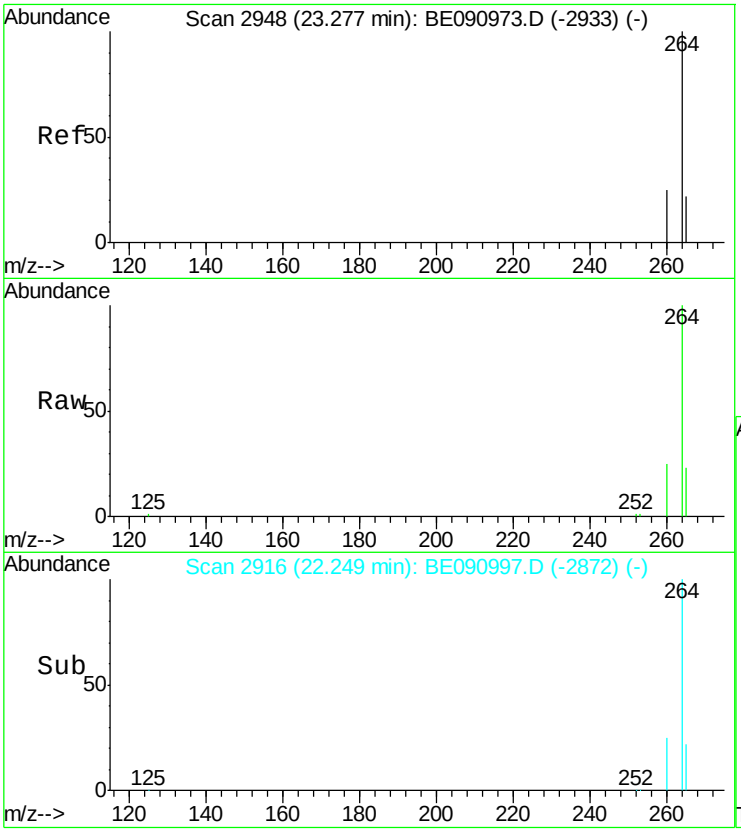


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng
RT: 23.91 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:276 Resp: 3613

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.4	35.2
277	24.1	19.8	29.8



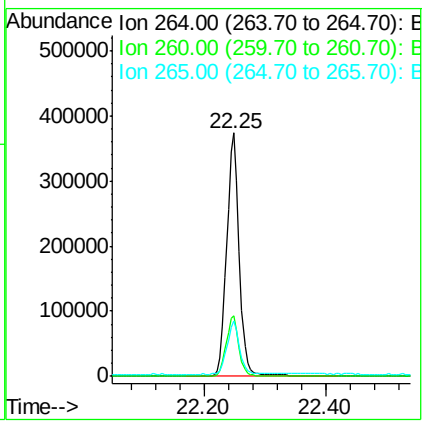


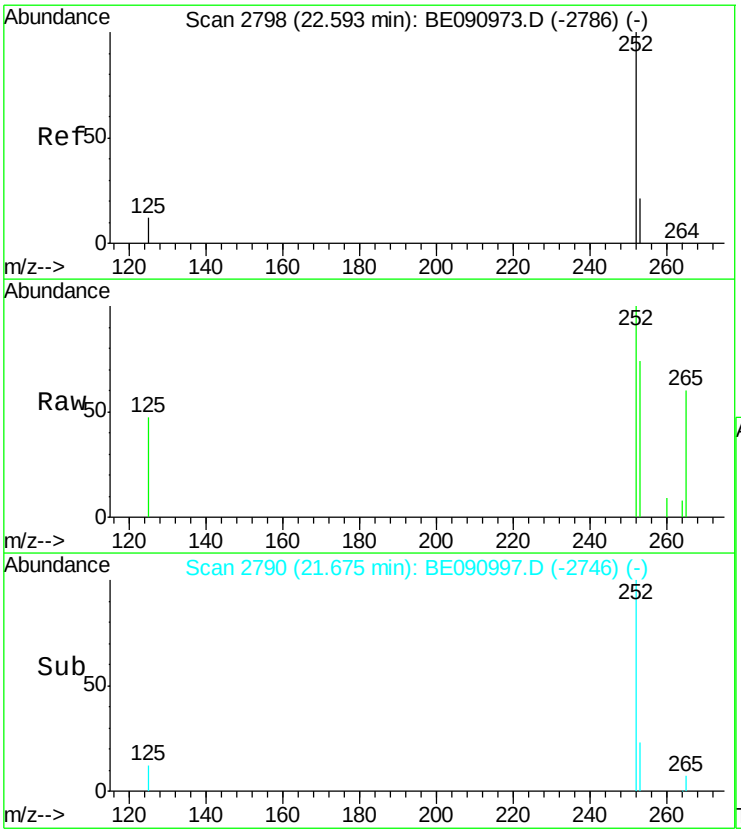
#35
Perylene-d12
Concen: 5.00 ng
RT: 22.25 min Scan# 2916
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:264 Resp: 534441

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	23.0	17.5	26.3

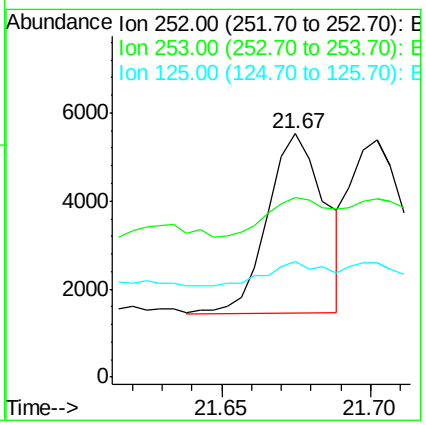


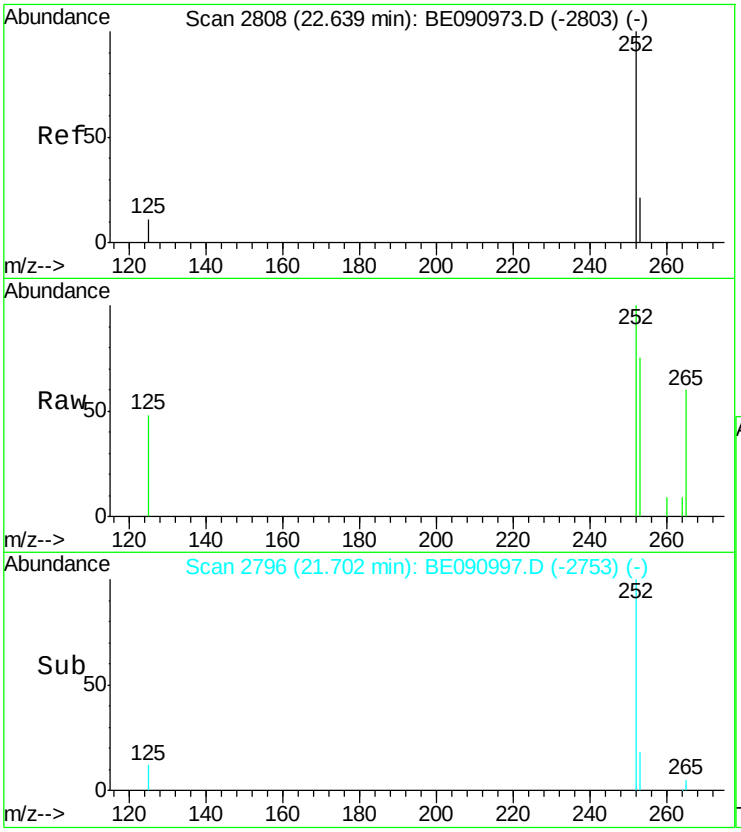


#36
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 21.67 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:252 Resp: 5457

Ion	Ratio	Lower	Upper
252	100		
253	74.0	17.4	26.0#
125	47.5	10.2	15.2#



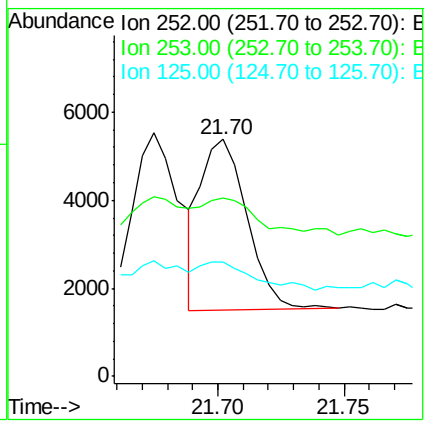


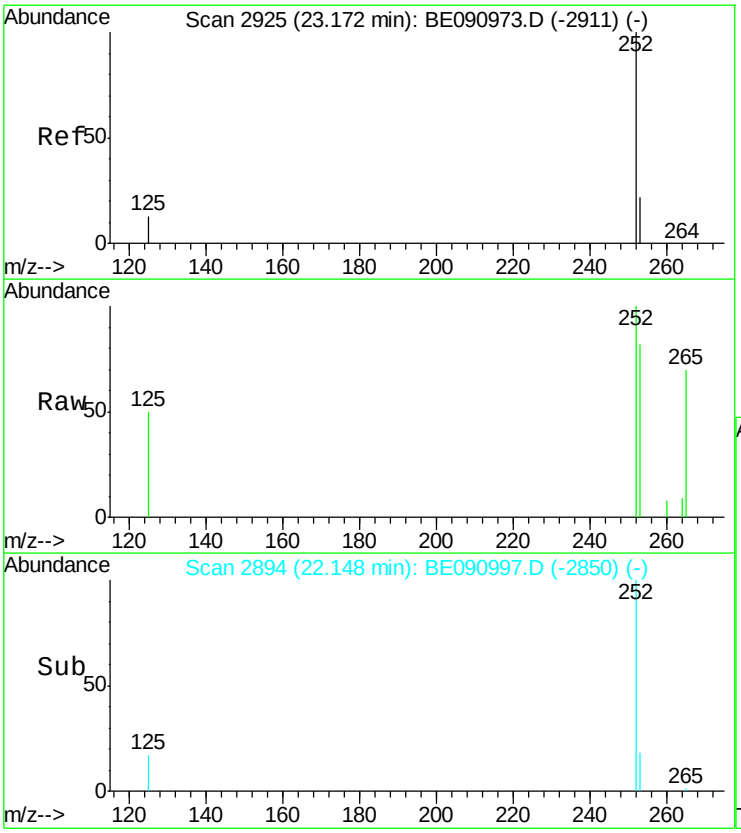
#37
Benzo(k)fluoranthene
Concen: Below Cal
RT: 21.70 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:252 Resp: 4941

Ion	Ratio	Lower	Upper
252	100		
253	75.3	17.6	26.4#
125	48.1	9.9	14.9#

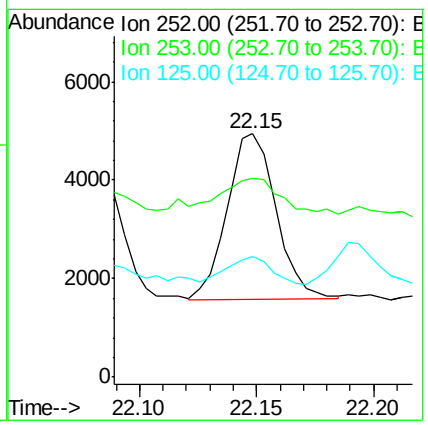


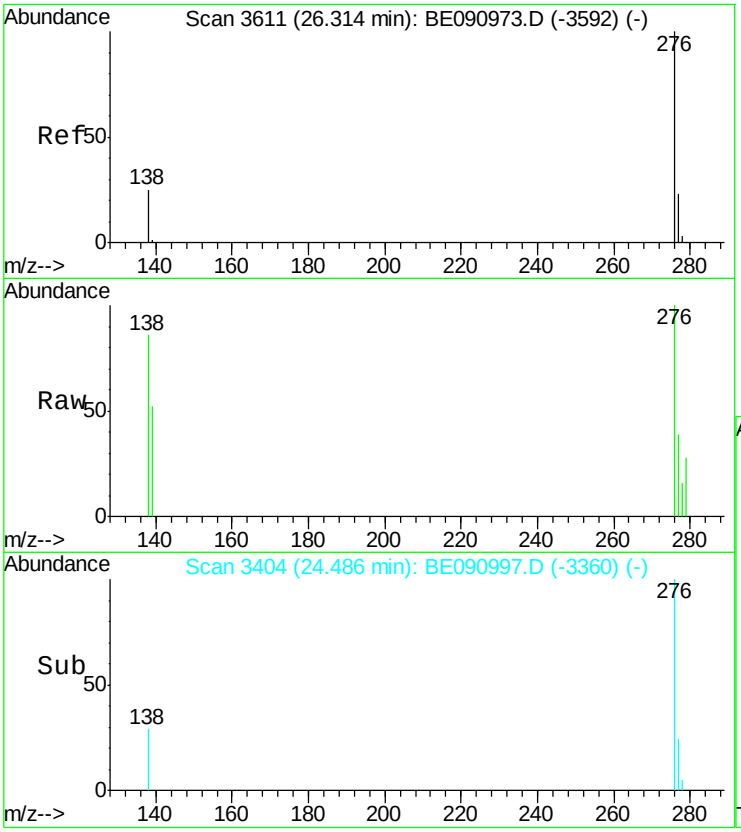


#38
Benzo(a)pyrene
Concen: 0.04 ng
RT: 22.15 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Tgt Ion:252 Resp: 4850

Ion	Ratio	Lower	Upper
252	100		
253	81.6	18.1	27.1#
125	49.8	11.0	16.4#





#40
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 24.49 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BE090997.D
Acq: 8 Oct 2015 11:21

Instrument :
BNA_E
ClientSampleId :
TW-4

Tgt Ion:276 Resp: 3910

Ion	Ratio	Lower	Upper
276	100		
277	38.6	18.6	28.0#
138	86.3	20.4	30.6#