Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089866.D
Acq On : 26 Mar 2015 20:53
Operator : TP/JJ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Mar 27 02:17:26 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 01:45:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	86522	5.00	ng		0.00
4) Naphthalene-d8	10.23	136	364164	5.00	ng		0.00
8) Acenaphthene-d10	14.36	164	217664	5.00	ng		0.00
13) Phenanthrene-d10	17.89	188	404435	5.00	ng		0.00
19) Chrysene-d12	24.23	240	421154	5.00	ng		0.00
25) Perylene-d12	27.38	264	377578	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.66	82	110326	5.23	ng		0.00
9) 2-Fluorobiphenyl	12.83	172	232544	4.51	ng		0.00
21) Terphenyl-d14	21.83	244	269803	4.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	53982	4.53	ng		92
3) n-Nitrosodimethylamine	2.88	42	71847	4.46	ng		83
6) Naphthalene	10.28	128	350092	4.79	ng		96
7) 2-Methylnaphthalene	11.91	142	230067	5.58	ng		99
10) Acenaphthylene	14.01	152	1487378	4.71	ng		99
11) Acenaphthene	14.44	154	210520	4.37	ng		86
12) Fluorene	15.68	166	269711	4.57	ng		95
14) Hexachlorobenzene	16.95	284	55996	4.15	ng		98
15) Pentachlorophenol	17.48	266	23460	4.77	ng		98
16) Phenanthrene	17.95	178	387644	4.31	ng		100
17) Anthracene	18.06	178	374759	4.66	ng		99
18) Fluoranthene	20.79	202	413594	5.01	ng		99
20) Pyrene	21.31	202	432647	4.06	ng		98
22) Benzo(a)anthracene	24.21	228	374419	4.66	ng		97
23) Chrysene	24.29	228	383430	4.42	ng		99
24) Indeno(1,2,3-cd)pyrene	29.35	276	359434m	6.88	ng		
26) Benzo(b)fluoranthene	26.60	252	346026	5.69	ng		98
27) Benzo(k)fluoranthene	26.66	252	408175	5.00	ng	#	94
28) Benzo(a)pyrene	27.26	252	320525	5.61	ng	#	89
29) Dibenzo(a,h)anthracene	29.41	278	280352	6.81	ng	#	78
30) Benzo(g,h,i)perylene	29.79	276	315496	5.39	ng	#	87

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

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Instrument :
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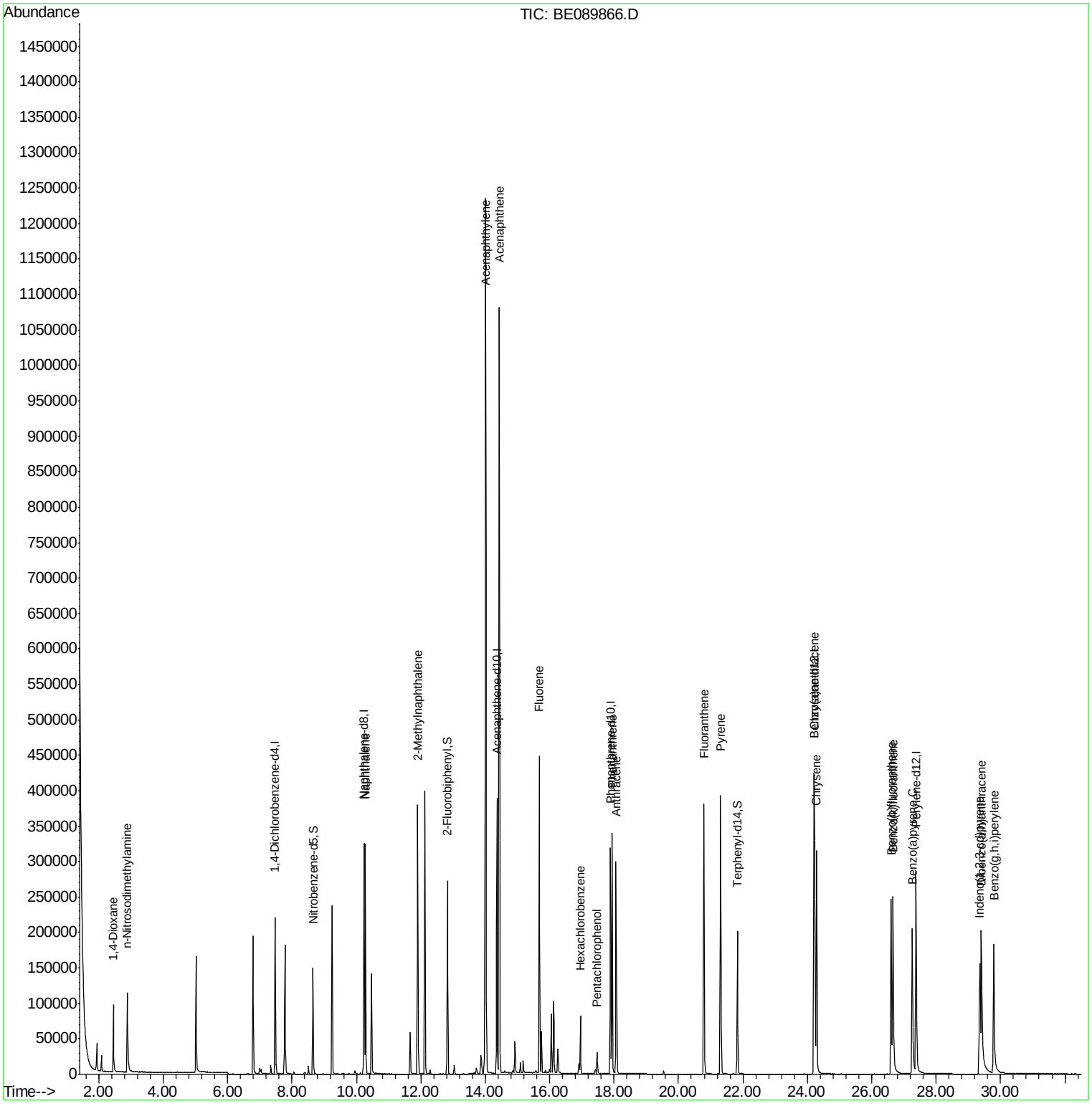
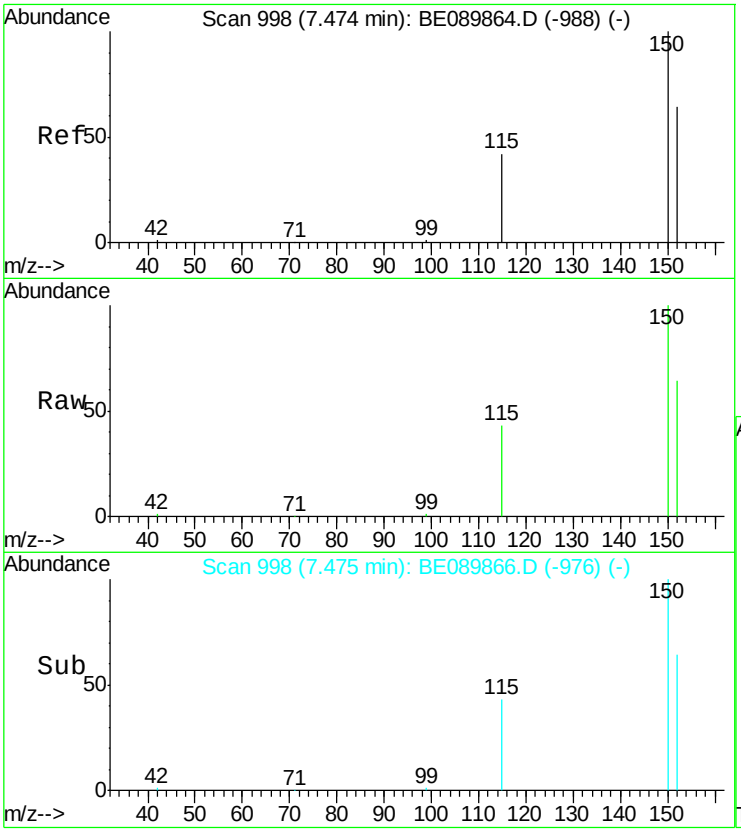


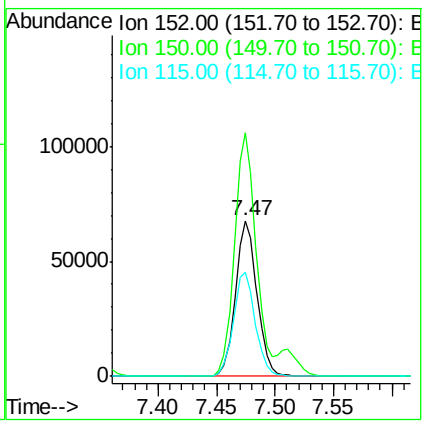


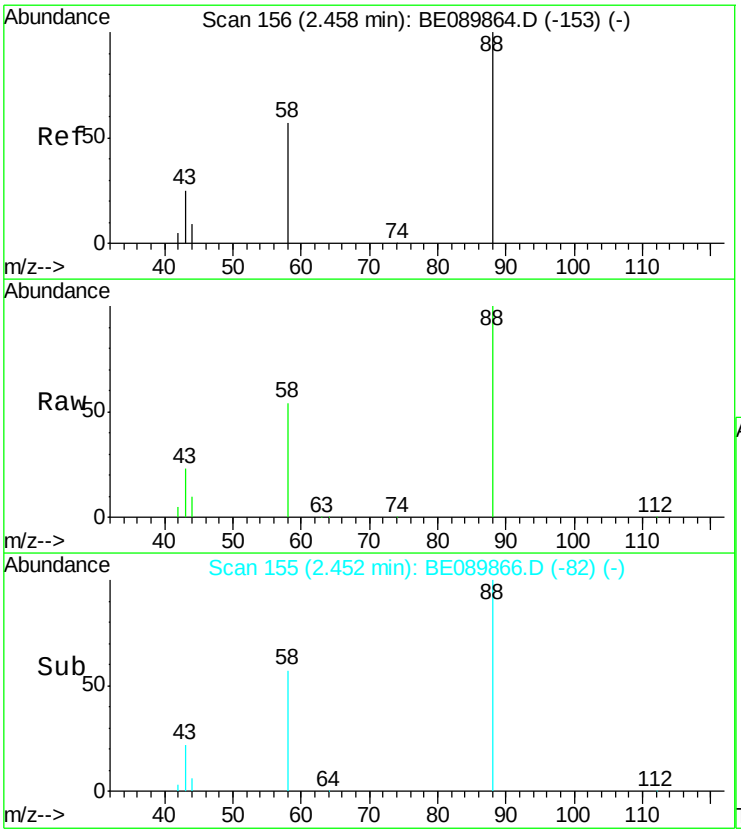
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.47 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 86522

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.5	188.3
115	67.0	58.0	87.0

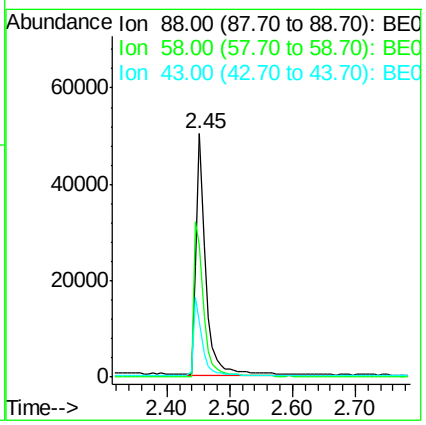


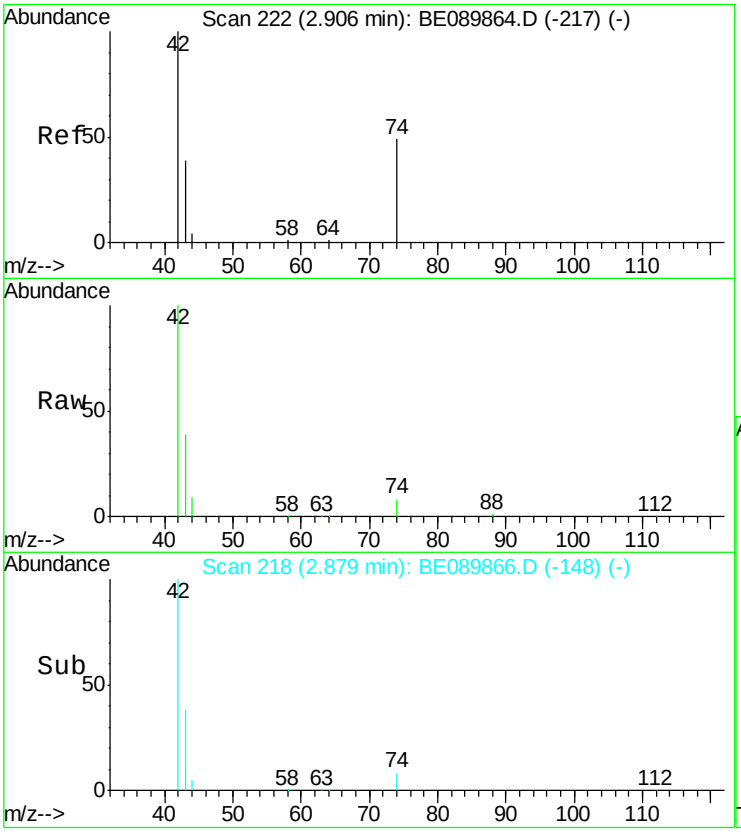


#2
1,4-Dioxane
Concen: 4.53 ng
RT: 2.45 min Scan# 155
Delta R.T. -0.01 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion: 88 Resp: 53982

Ion	Ratio	Lower	Upper
88	100		
58	65.8	48.6	72.8
43	29.1	28.6	43.0



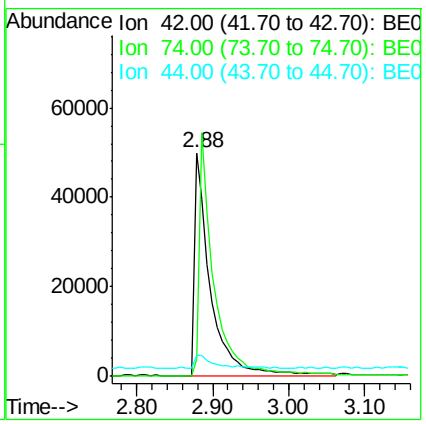


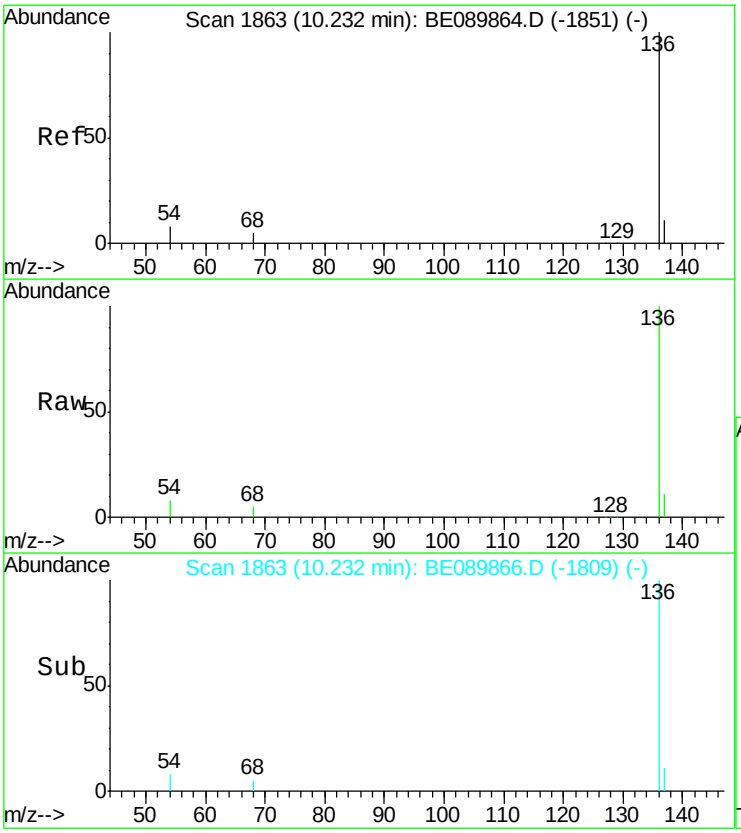
#3
n-Nitrosodimethylamine
Concen: 4.46 ng
RT: 2.88 min Scan# 218
Delta R.T. -0.03 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 71847

Ion	Ratio	Lower	Upper
42	100		
74	102.7	68.7	103.1
44	7.2	6.2	9.4

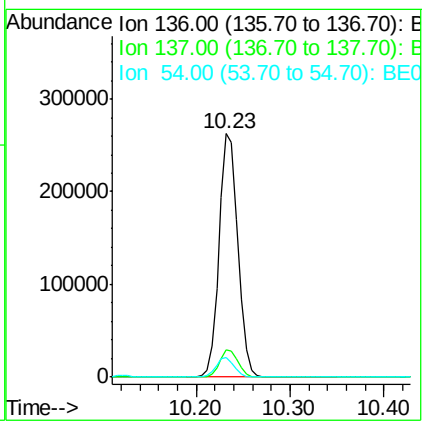


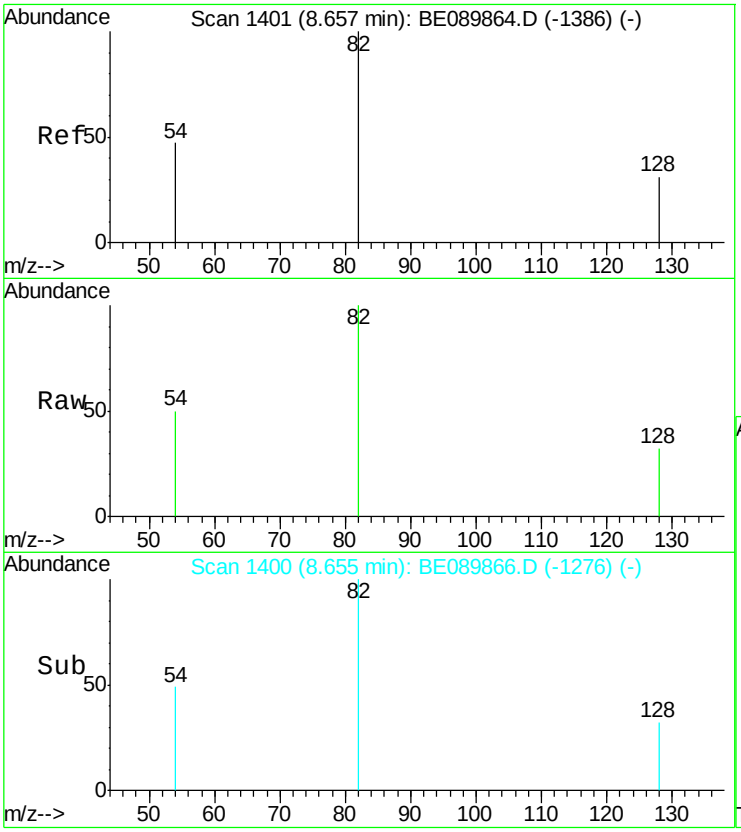


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.23 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:136 Resp: 364164

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.0	10.4



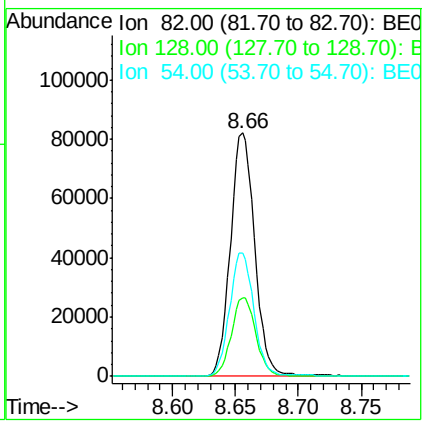


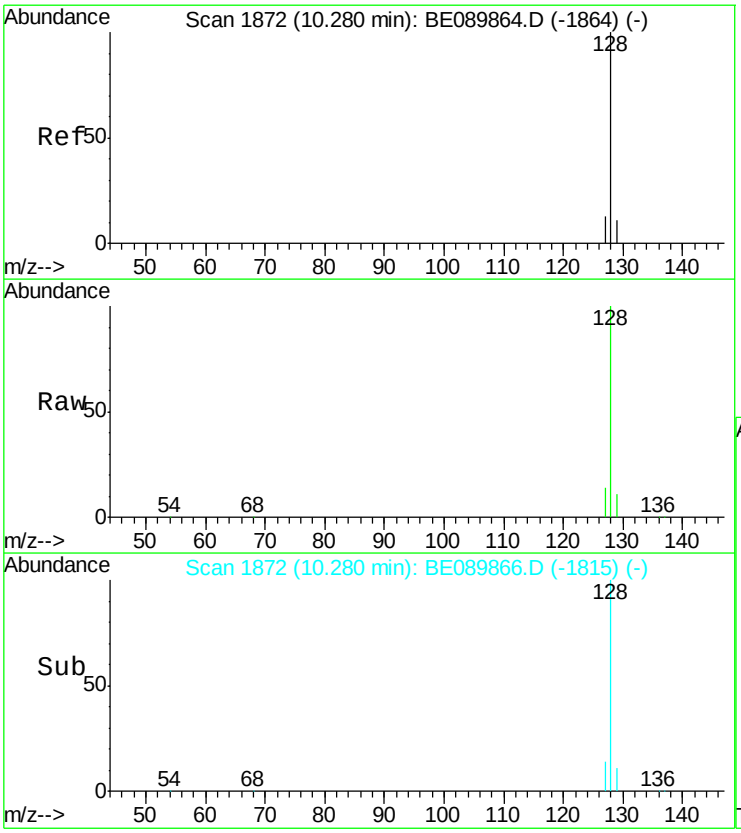
#5
Nitrobenzene-d5
Concen: 5.23 ng
RT: 8.66 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 110326

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.6	37.0
54	50.5	43.0	64.6

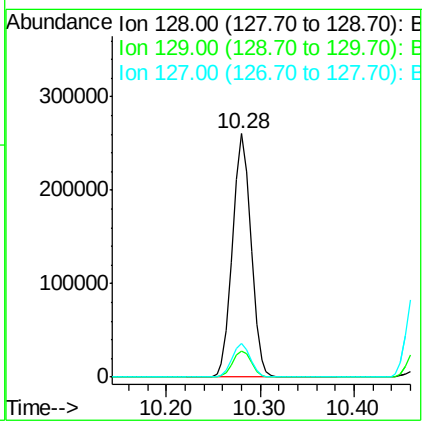


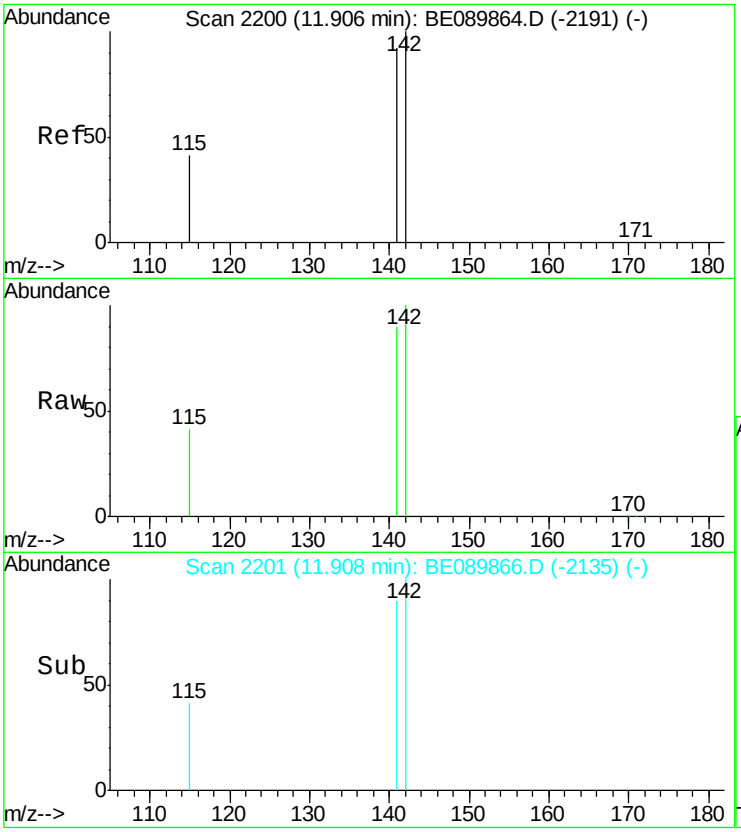


#6
Naphthalene
Concen: 4.79 ng
RT: 10.28 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:128 Resp: 350092

Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.0	15.0
127	13.8	12.5	18.7



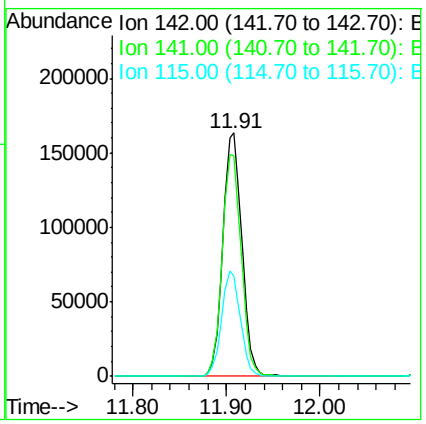


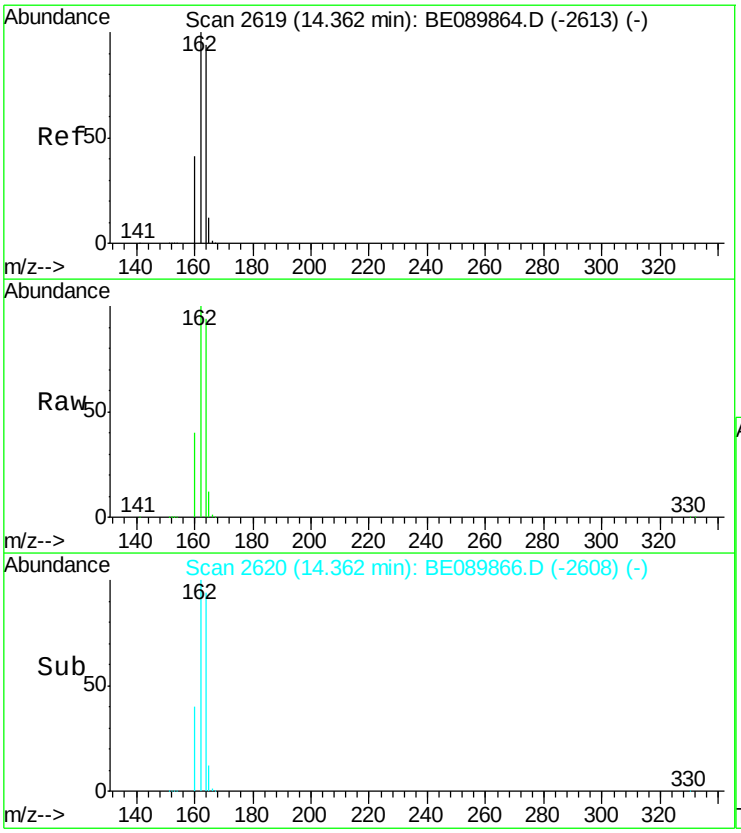
#7
2-Methylnaphthalene
Concen: 5.58 ng
RT: 11.91 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 230067

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.8	109.2
115	41.4	32.9	49.3

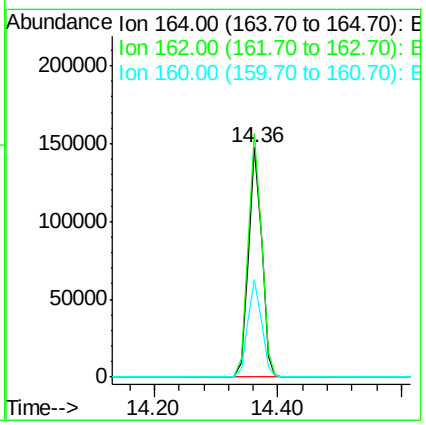


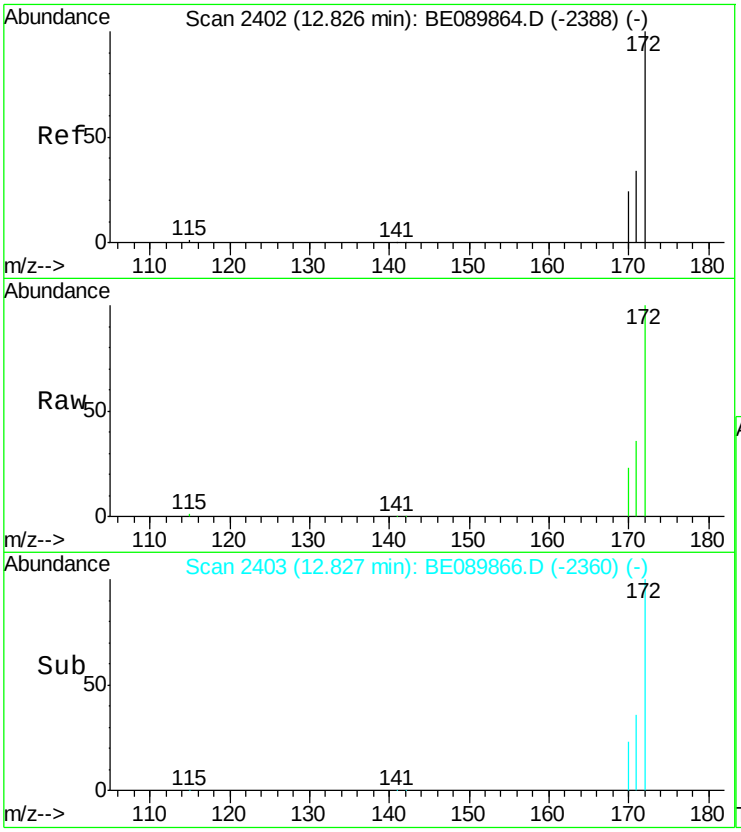


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:164 Resp: 217664

Ion	Ratio	Lower	Upper
164	100		
162	106.3	87.6	131.4
160	42.9	36.7	55.1



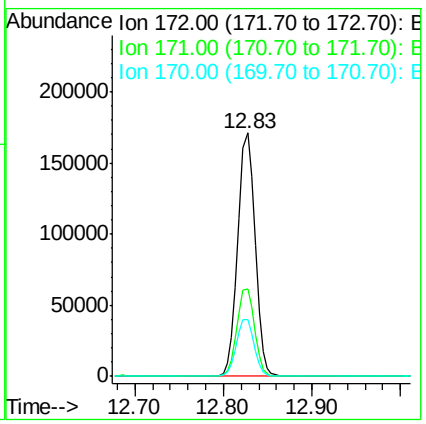


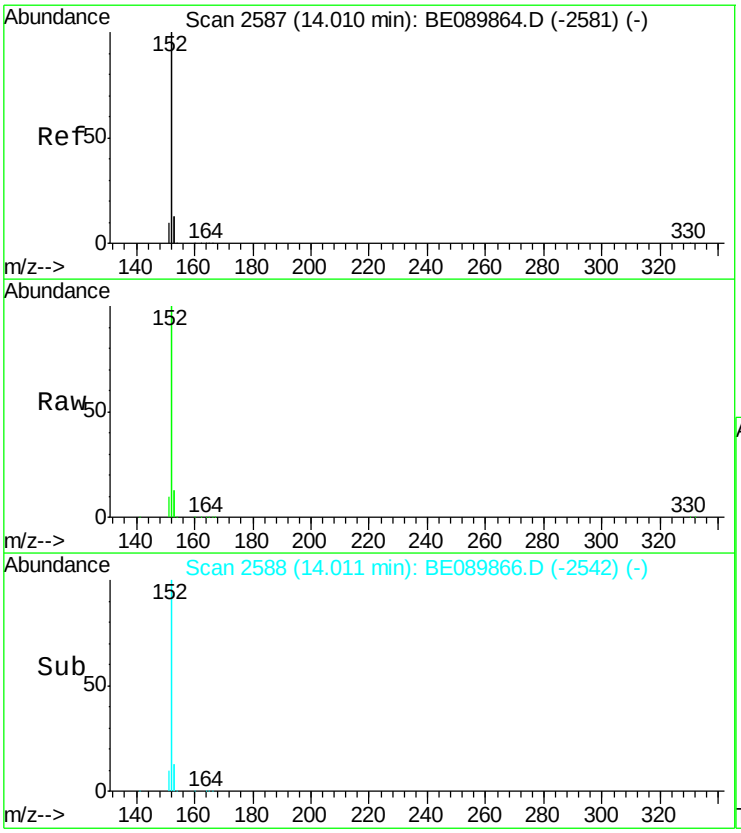
#9
2-Fluorobiphenyl
Concen: 4.51 ng
RT: 12.83 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 232544

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.8	46.2
170	23.2	21.0	31.4

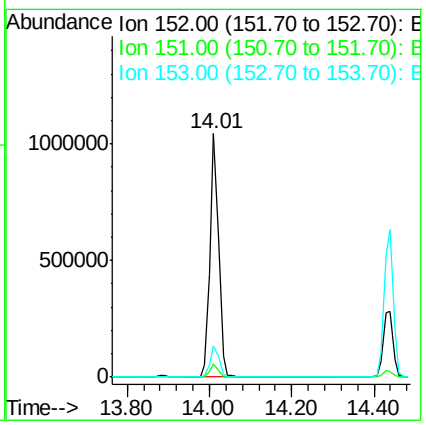


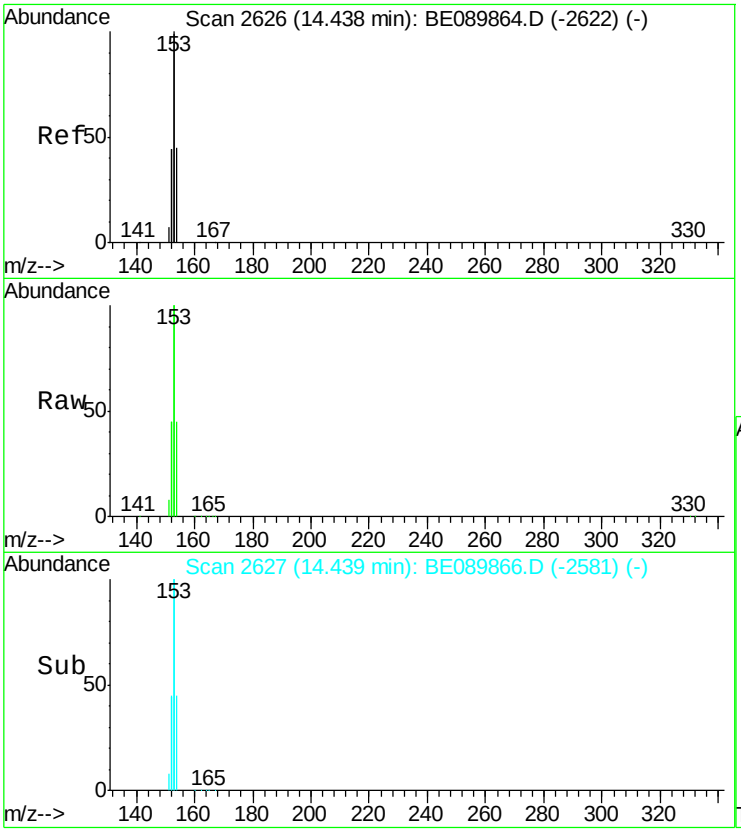


#10
Acenaphthylene
Concen: 4.71 ng
RT: 14.01 min Scan# 2588
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:152 Resp: 1487378

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.0	11.0	16.4



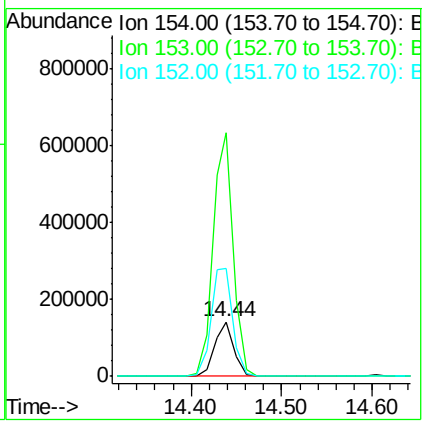


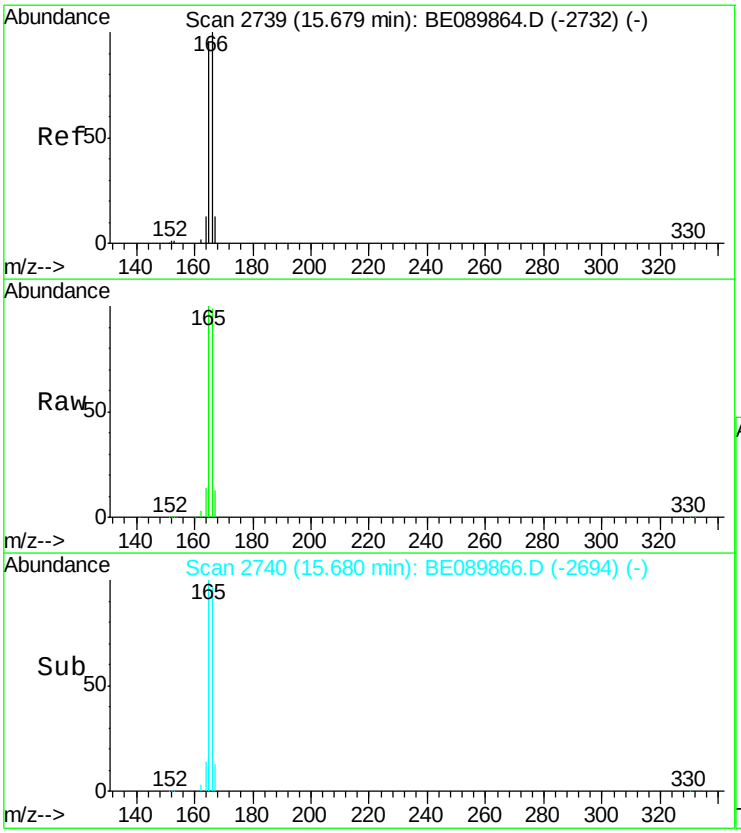
#11
Acenaphthene
Concen: 4.37 ng
RT: 14.44 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 210520

Ion	Ratio	Lower	Upper
154	100		
153	465.6	401.5	602.3
152	222.4	198.6	298.0

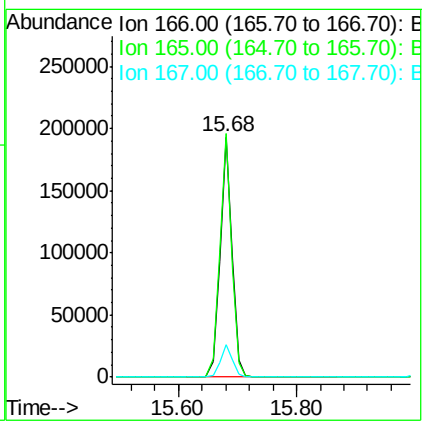


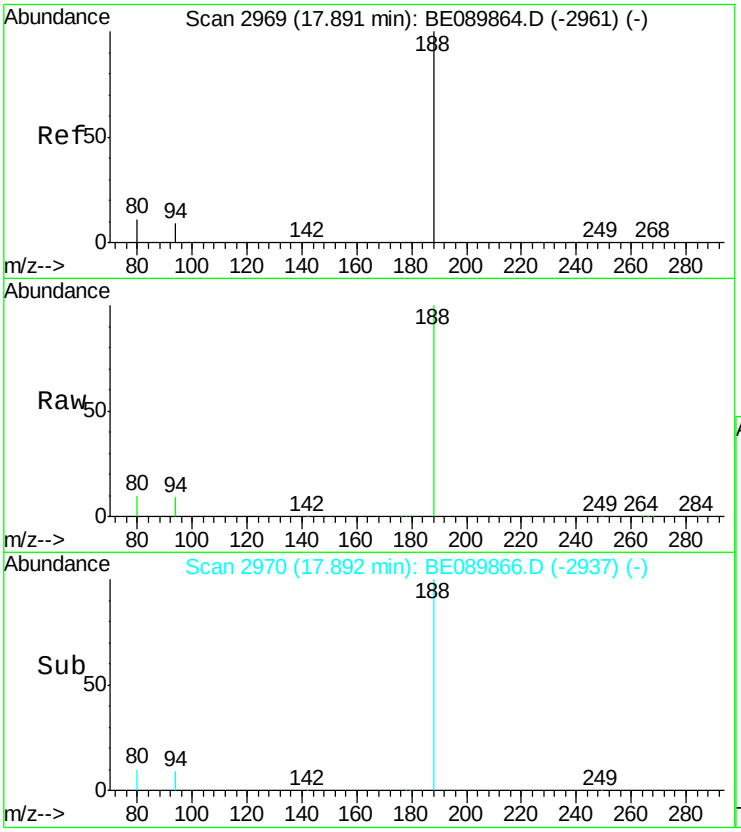


#12
Fluorene
Concen: 4.57 ng
RT: 15.68 min Scan# 2740
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:166 Resp: 269711

Ion	Ratio	Lower	Upper
166	100		
165	100.7	85.1	127.7
167	13.2	12.2	18.4



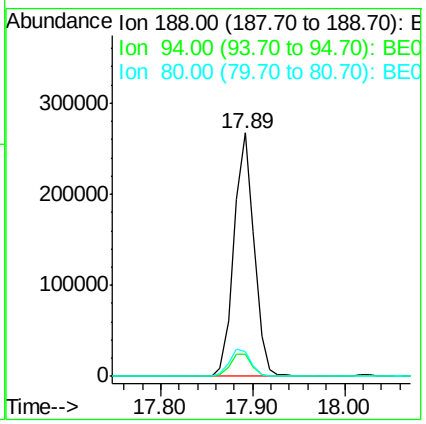


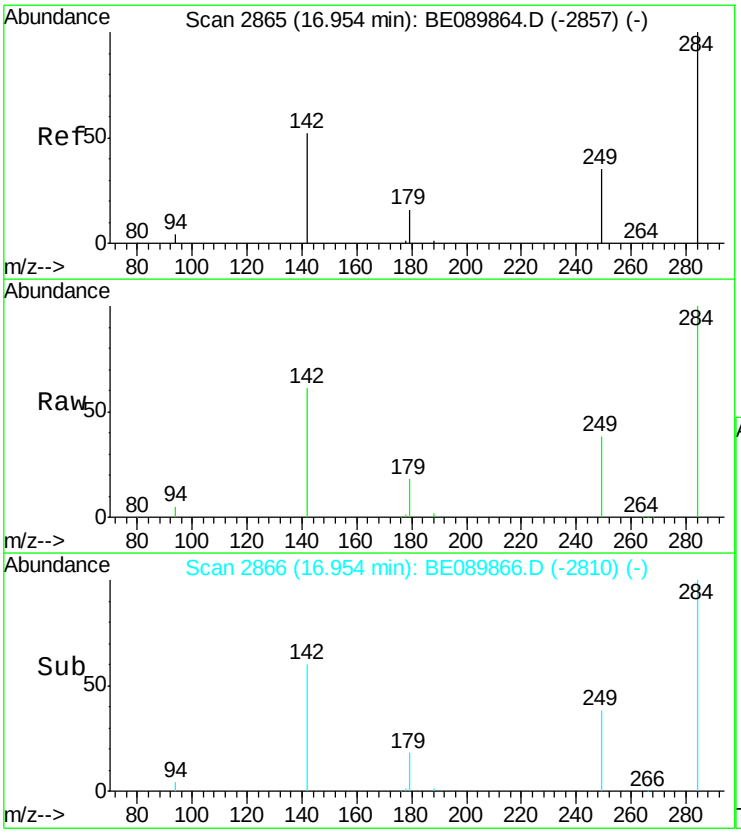
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.89 min Scan# 2970
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 404435

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.1	10.0	15.0

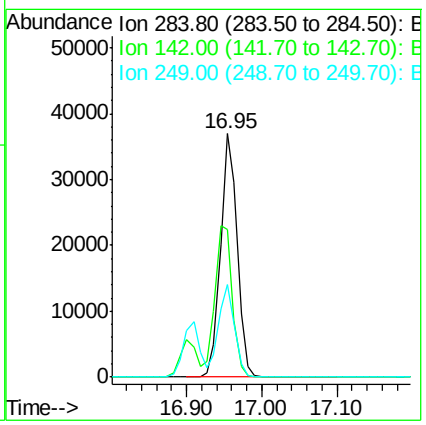


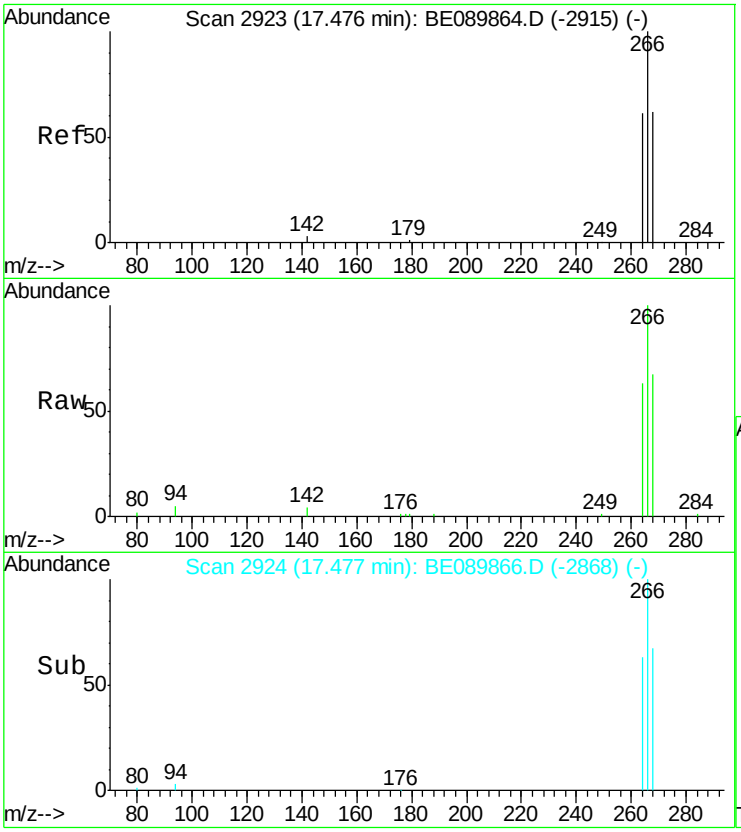


#14
Hexachlorobenzene
Concen: 4.15 ng
RT: 16.95 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:284 Resp: 55996

Ion	Ratio	Lower	Upper
284	100		
142	65.9	53.3	79.9
249	37.0	31.1	46.7



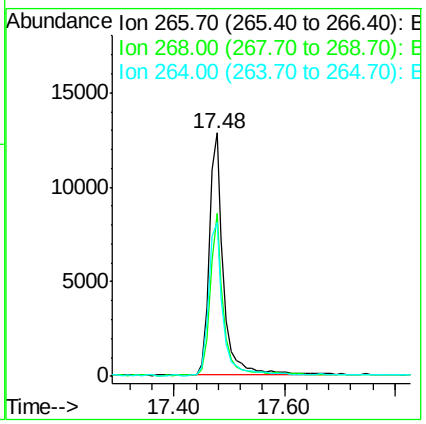


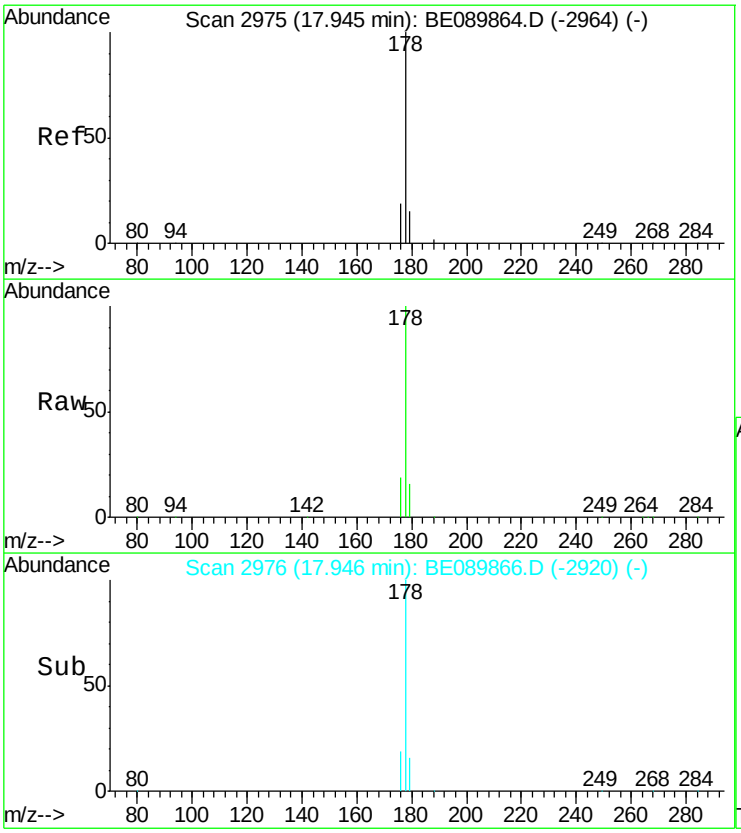
#15
Pentachlorophenol
Concen: 4.77 ng
RT: 17.48 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 23460

Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.6	77.4
264	63.2	50.2	75.2

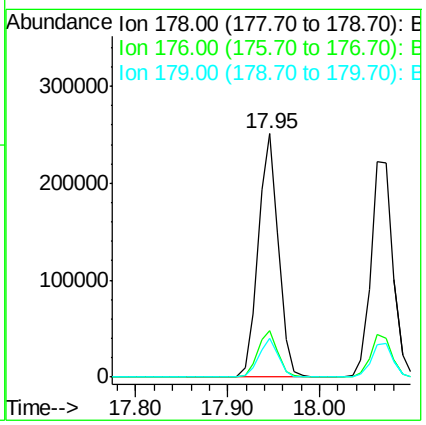


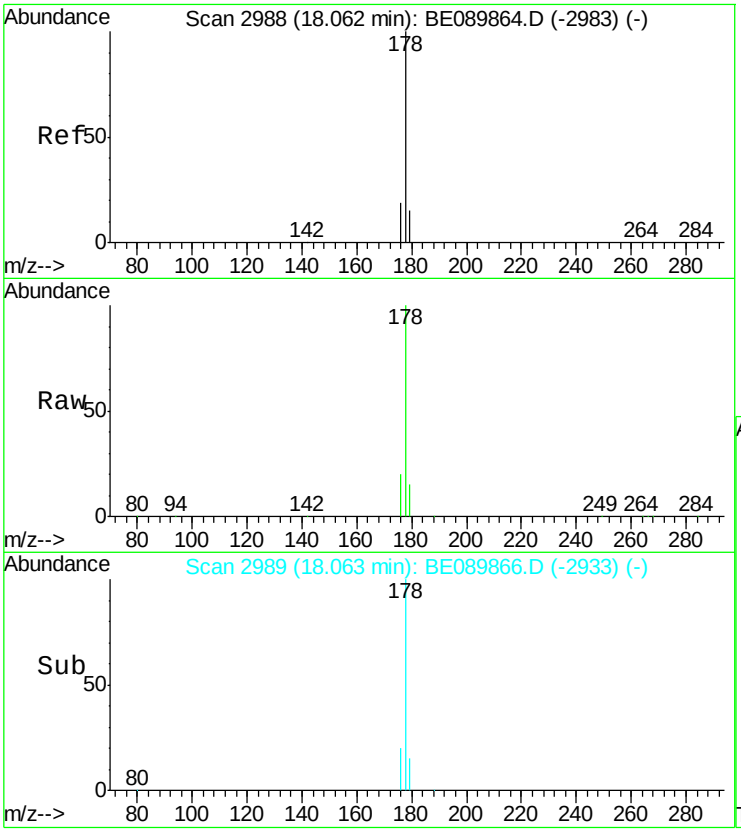


#16
Phenanthrene
Concen: 4.31 ng
RT: 17.95 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:178 Resp: 387644

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.5	12.2	18.4



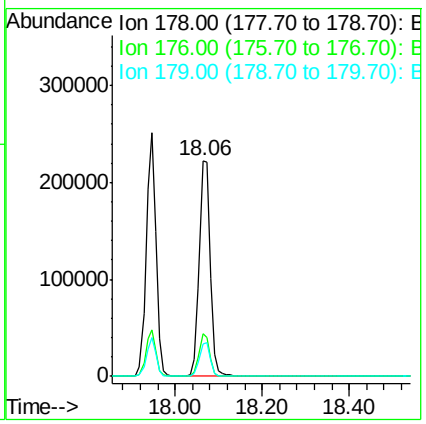


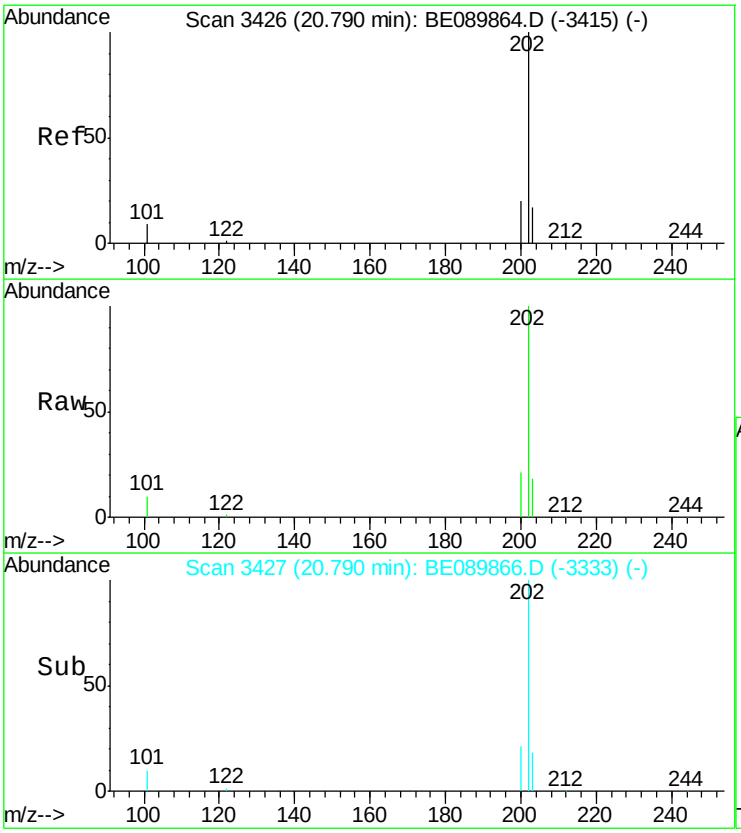
#17
Anthracene
Concen: 4.66 ng
RT: 18.06 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 374759

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.4	12.1	18.1

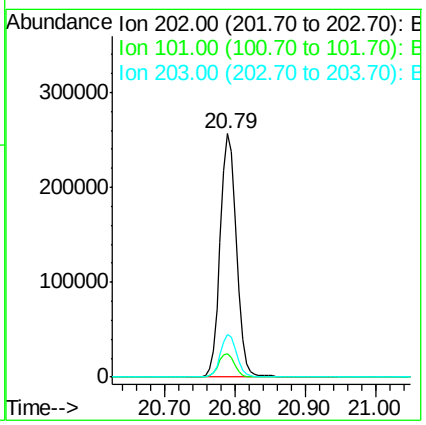


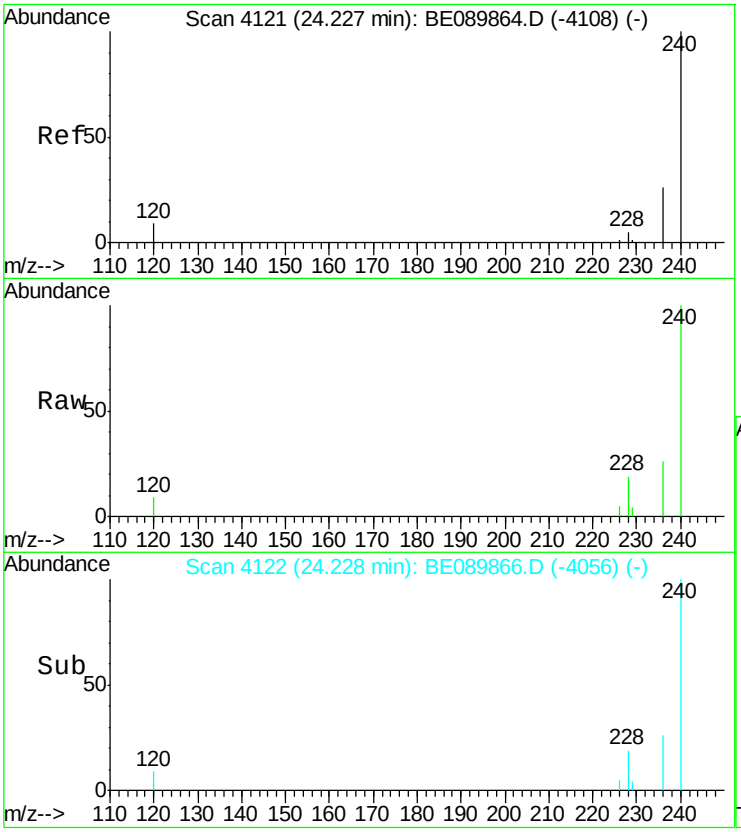


#18
Fluoranthene
Concen: 5.01 ng
RT: 20.79 min Scan# 3427
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:202 Resp: 413594

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.2
203	17.5	14.2	21.4



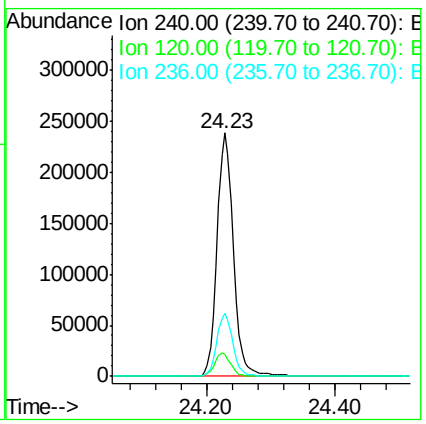


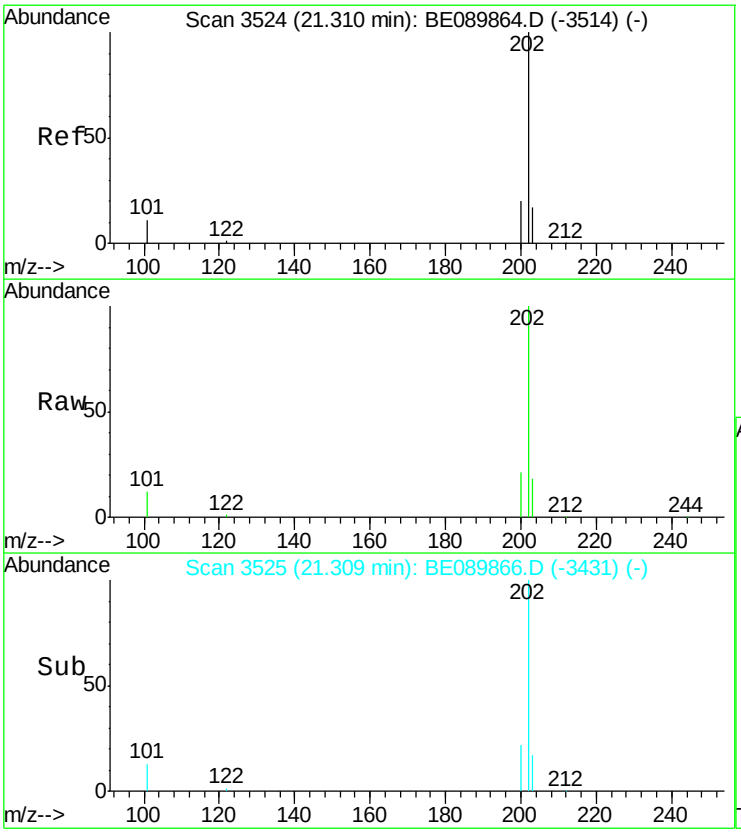
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.23 min Scan# 4122
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 421154

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.5	11.3
236	25.7	20.5	30.7

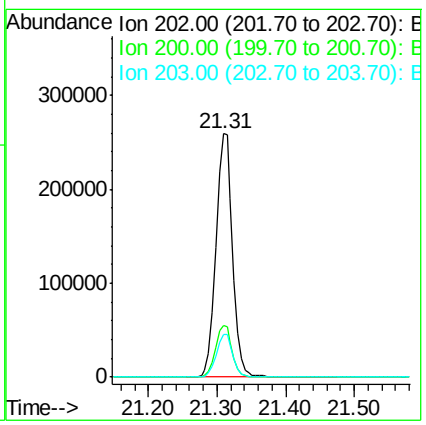


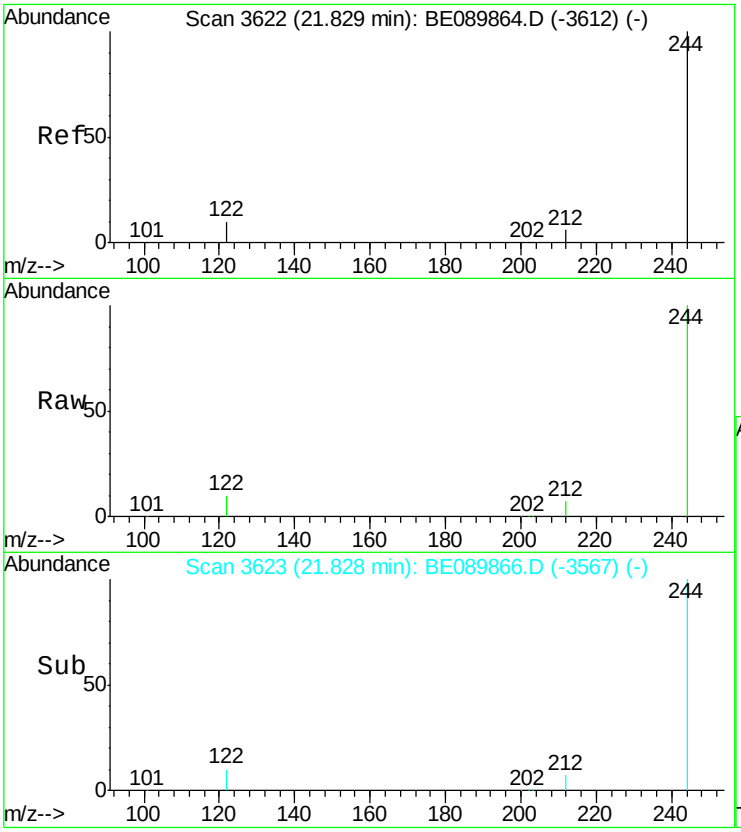


#20
Pyrene
Concen: 4.06 ng
RT: 21.31 min Scan# 3525
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:202 Resp: 432647

Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.9	23.9
203	17.5	13.6	20.4



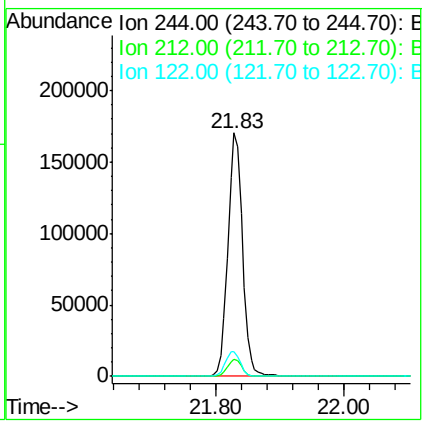


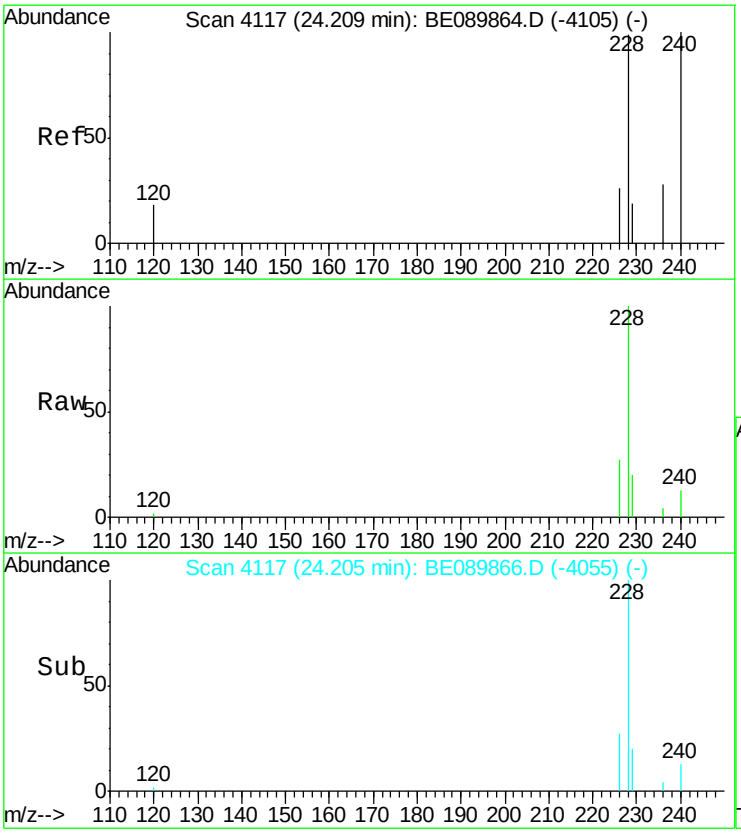
#21
Terphenyl-d14
Concen: 4.32 ng
RT: 21.83 min Scan# 3623
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 269803

Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.3	10.9#
122	10.2	10.5	15.7#

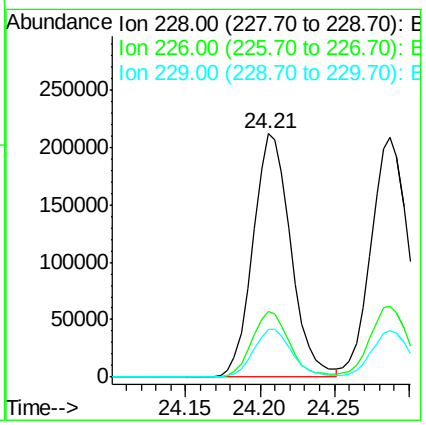


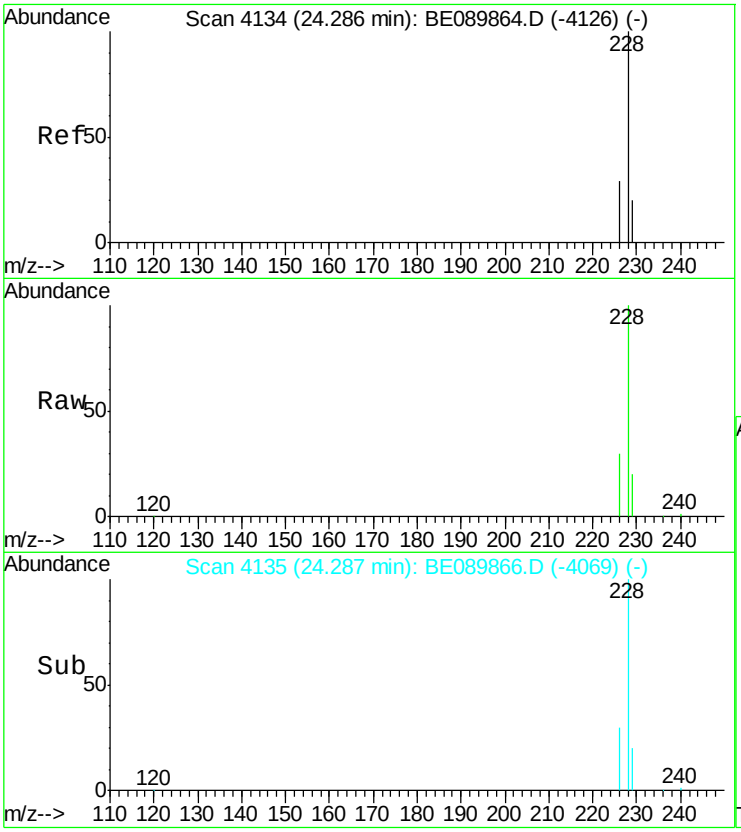


#22
Benzo(a)anthracene
Concen: 4.66 ng
RT: 24.21 min Scan# 4117
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:228 Resp: 374419

Ion	Ratio	Lower	Upper
228	100		
226	27.2	19.8	29.8
229	19.9	16.3	24.5



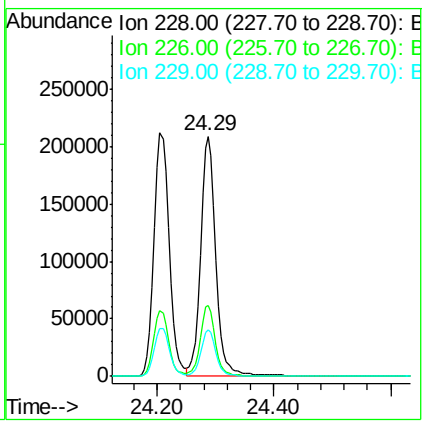


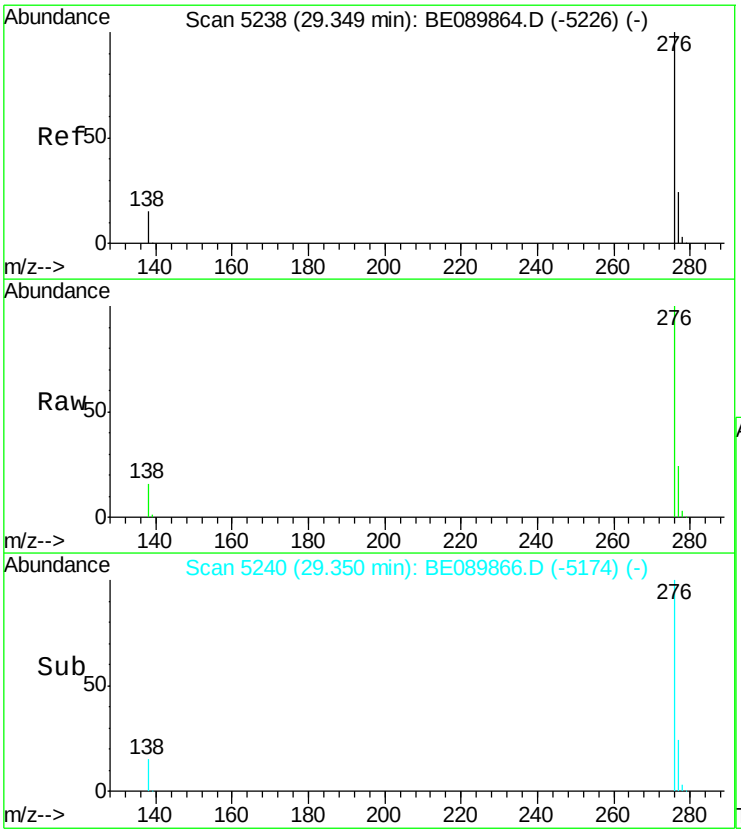
#23
Chrysene
Concen: 4.42 ng
RT: 24.29 min Scan# 4135
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 383430

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.4
229	19.6	15.8	23.6

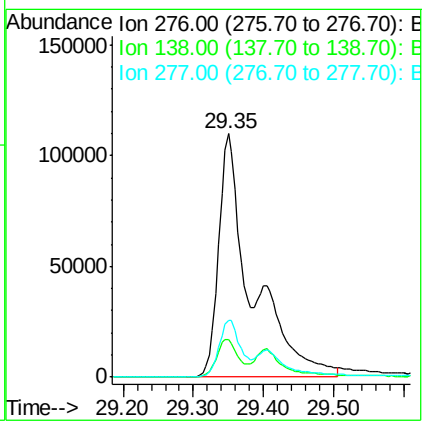


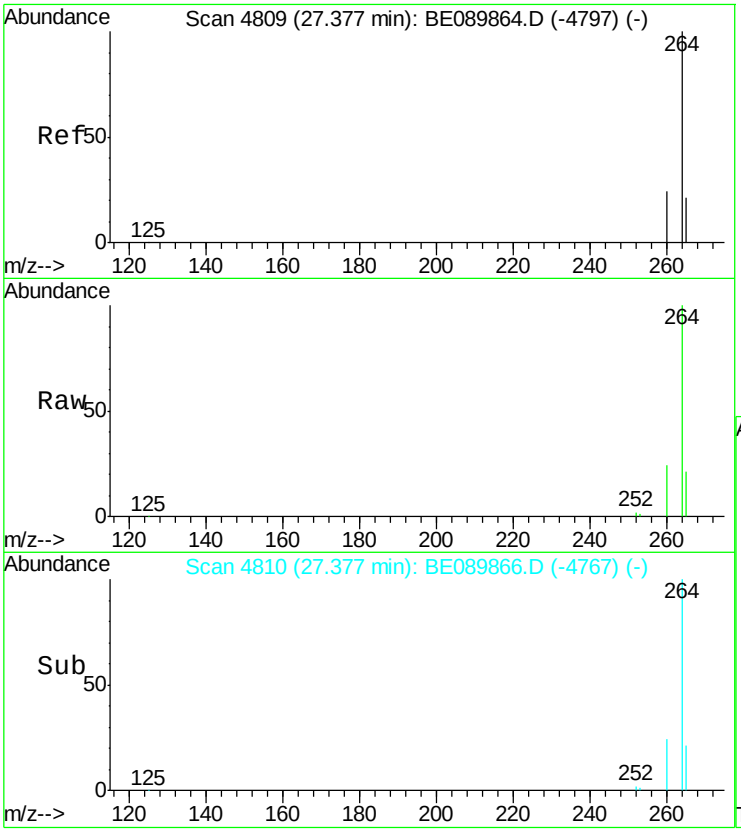


#24
Indeno(1,2,3-cd)pyrene
Concen: 6.88 ng m
RT: 29.35 min Scan# 5240
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:276 Resp: 359434

Ion	Ratio	Lower	Upper
276	100		
138	10.1	4.3	6.5#
277	15.2	9.0	13.4#



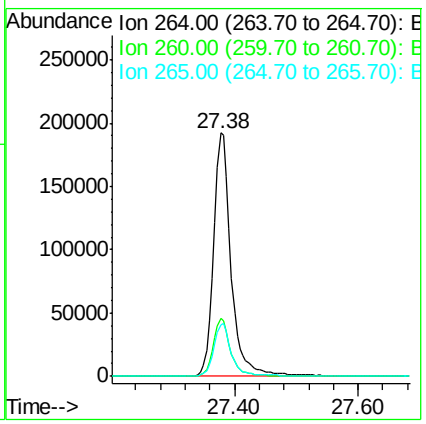


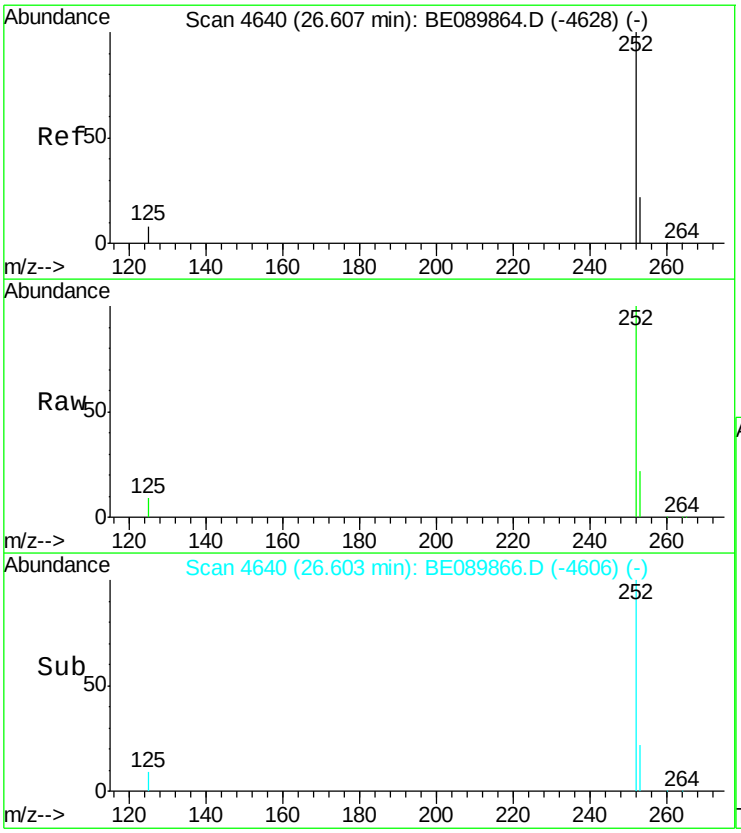
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.38 min Scan# 4810
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 377578

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.3	17.3	25.9

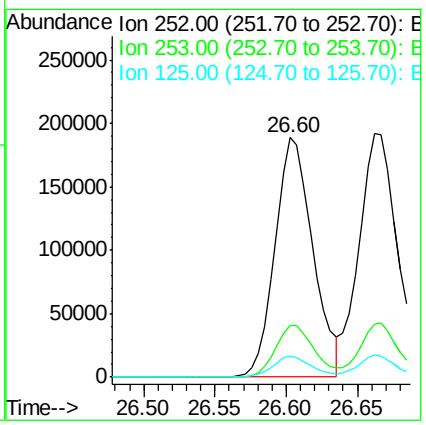


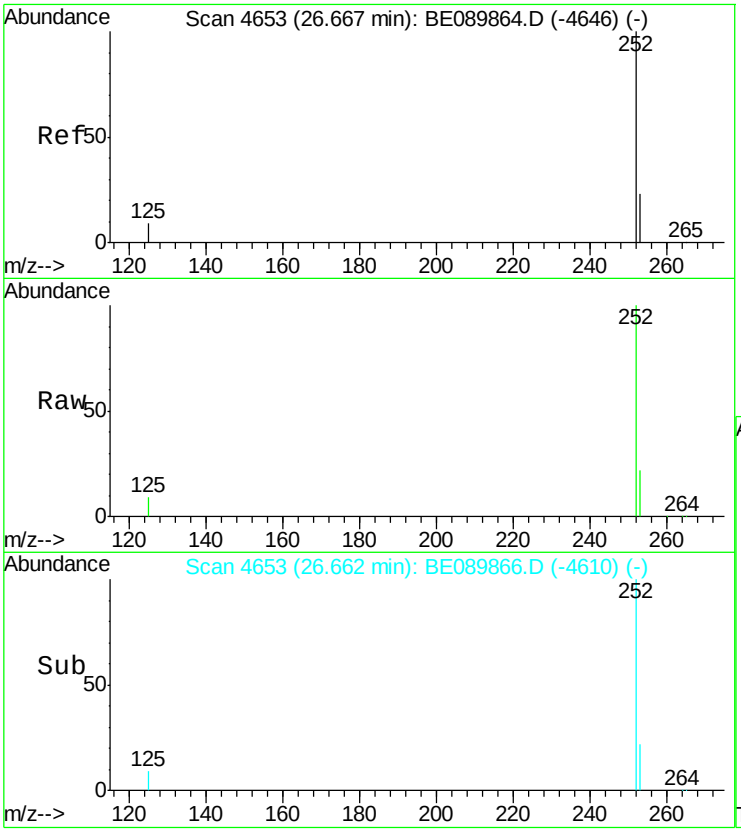


#26
Benzo(b)fluoranthene
Concen: 5.69 ng
RT: 26.60 min Scan# 4640
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:252 Resp: 346026

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	9.0	8.7	13.1



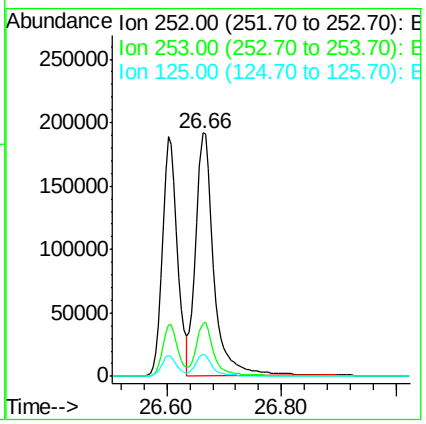


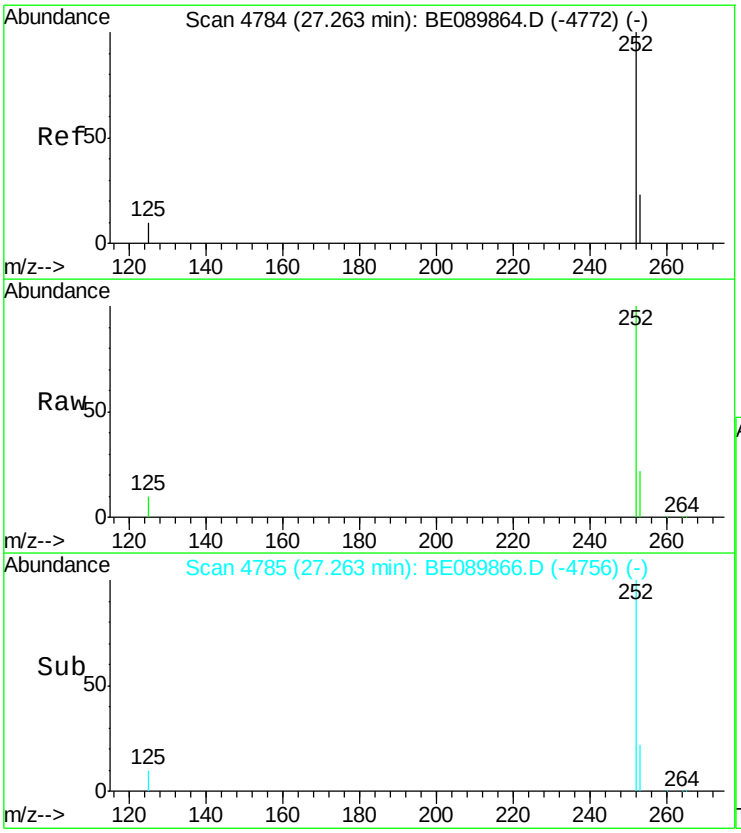
#27
Benzo(k)fluoranthene
Concen: 5.00 ng
RT: 26.66 min Scan# 4653
Delta R.T. -0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 408175

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	28.0
125	9.0	10.8	16.2#

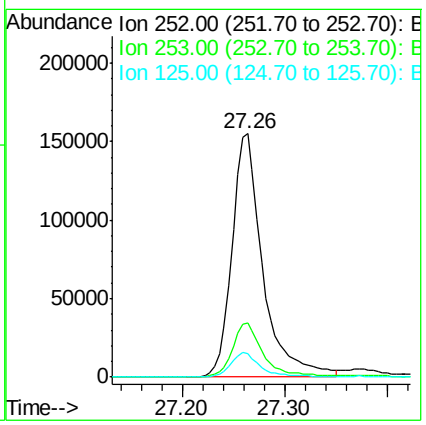


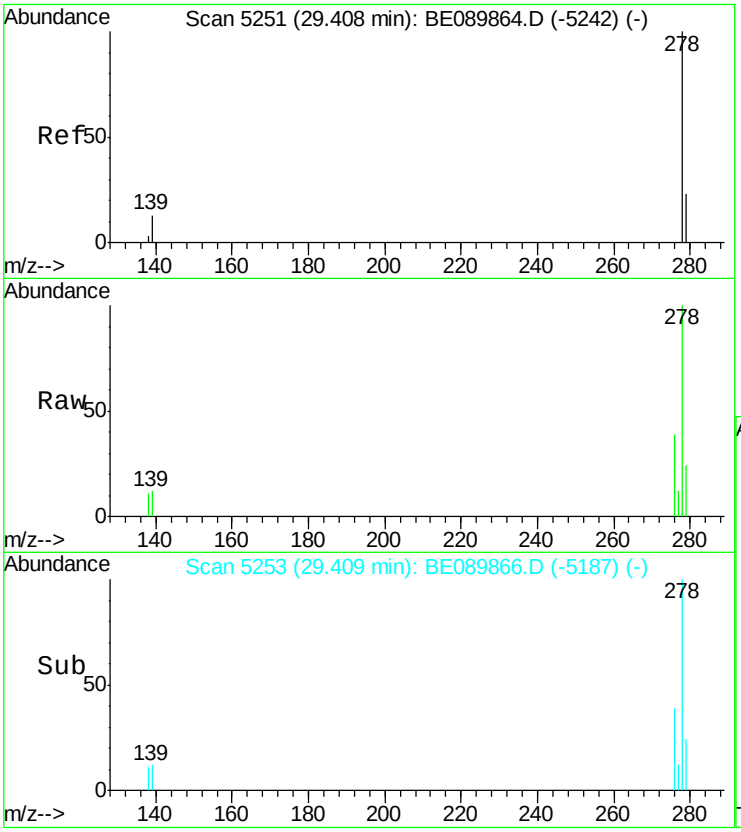


#28
Benzo(a)pyrene
Concen: 5.61 ng
RT: 27.26 min Scan# 4785
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:252 Resp: 320525

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.0	31.4
125	9.9	13.3	19.9#



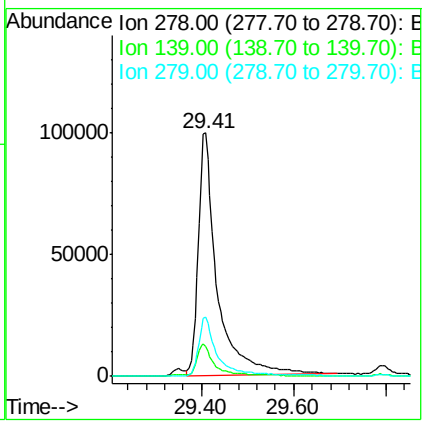


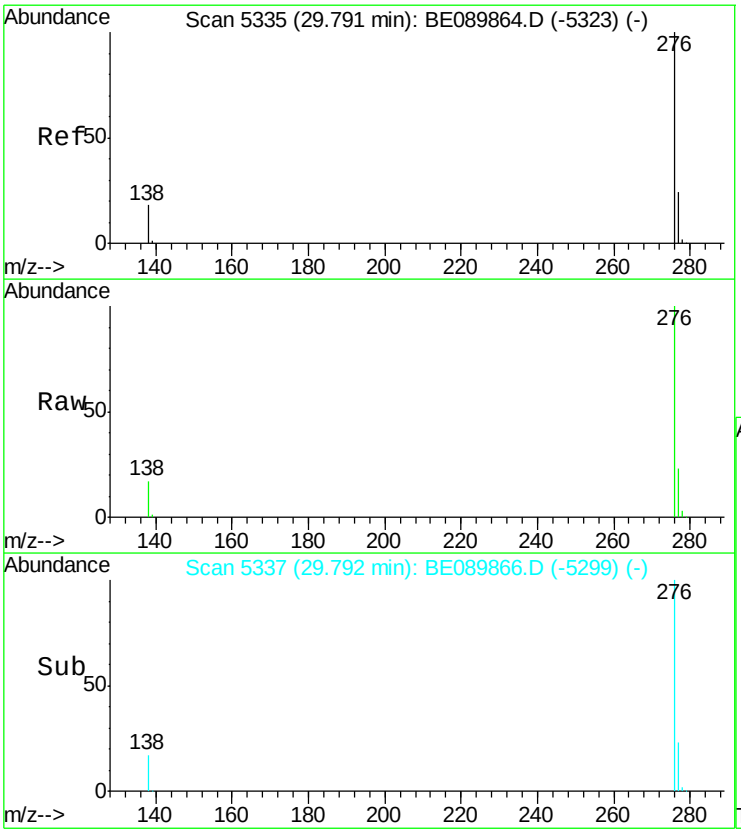
#29
Dibenzo(a,h)anthracene
Concen: 6.81 ng
RT: 29.41 min Scan# 5253
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 280352

Ion	Ratio	Lower	Upper
278	100		
139	12.2	20.0	30.0#
279	24.1	28.9	43.3#





#30
Benzo(g,h,i)perylene
Concen: 5.39 ng
RT: 29.79 min Scan# 5337
Delta R.T. 0.00 min
Lab File: BE089866.D
Acq: 26 Mar 2015 20:53

Tgt Ion:276 Resp: 315496

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	16.6	22.9	34.3#