Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089822.D
Acq On : 24 Mar 2015 20:14
Operator : TP/JJ
Sample : PB82216BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB82216BL

Quant Time: Mar 25 02:31:44 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 18:03:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	161900	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	662741	5.00	ng		0.00
8) Acenaphthene-d10	14.38	164	298519	5.00	ng		0.00
13) Phenanthrene-d10	17.92	188	511829	5.00	ng		0.00
19) Chrysene-d12	24.26	240	425172	5.00	ng		0.00
25) Perylene-d12	27.42	264	329178	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	464019	9.56	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	598373	8.57	ng		0.00
21) Terphenyl-d14	21.86	244	657437	10.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	84	Below Cal		#	70
3) n-Nitrosodimethylamine	3.01	42	90	0.00	ng	#	1
6) Naphthalene	10.34	128	40	0.00	ng	#	57
7) 2-Methylnaphthalene	11.94	142	17	0.00	ng	#	5
10) Acenaphthylene	14.04	152	214	0.00	ng	#	11
11) Acenaphthene	14.44	154	73	0.00	ng	#	1
12) Fluorene	15.70	166	244	0.00	ng	#	84
14) Hexachlorobenzene	16.97	284	32	0.00	ng	#	24
15) Pentachlorophenol	17.52	266	37	Below Cal			89
16) Phenanthrene	17.97	178	143	0.00	ng	#	60
17) Anthracene	18.08	178	80	0.00	ng	#	38
18) Fluoranthene	20.83	202	144	0.00	ng	#	77
20) Pyrene	21.34	202	38	0.00	ng	#	65
22) Benzo(a)anthracene	24.26	228	991	0.01	ng	#	77
23) Chrysene	24.26	228	991	0.01	ng	#	73
24) Indeno(1,2,3-cd)pyrene	29.39	276	17	0.42	ng	#	1
26) Benzo(b)fluoranthene	26.64	252	31	0.31	ng	#	1
27) Benzo(k)fluoranthene	26.71	252	10	0.00	ng	#	1
28) Benzo(a)pyrene	27.41	252	1189	0.31	ng	#	57
29) Dibenzo(a,h)anthracene	29.43	278	21	0.42	ng	#	3
30) Benzo(g,h,i)perylene	29.84	276	24	0.25	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032415\
Data File : BE089822.D
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Sample : PB82216BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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PB82216BL

Quant Time: Mar 25 02:31:44 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 24 18:03:12 2015
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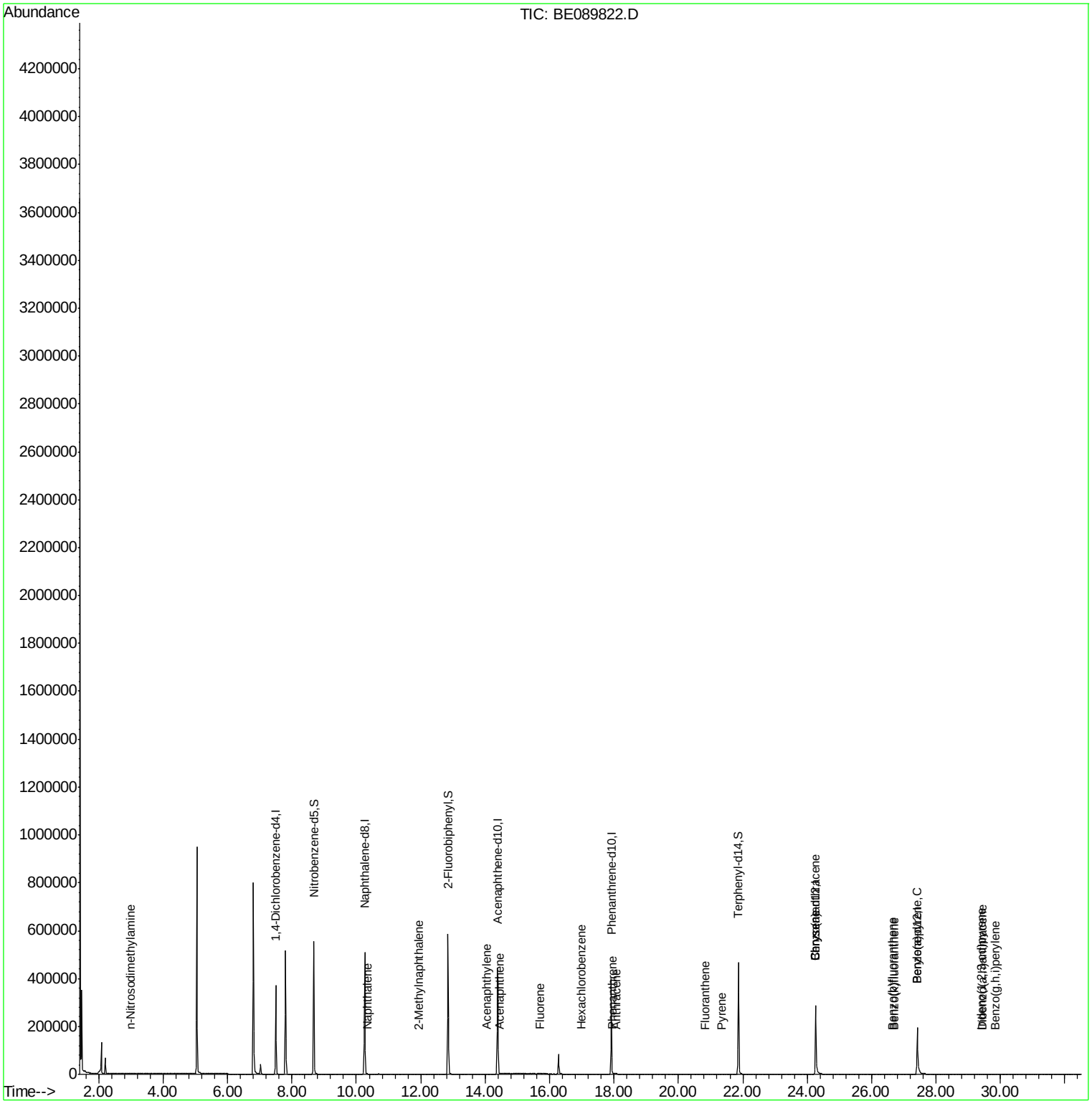
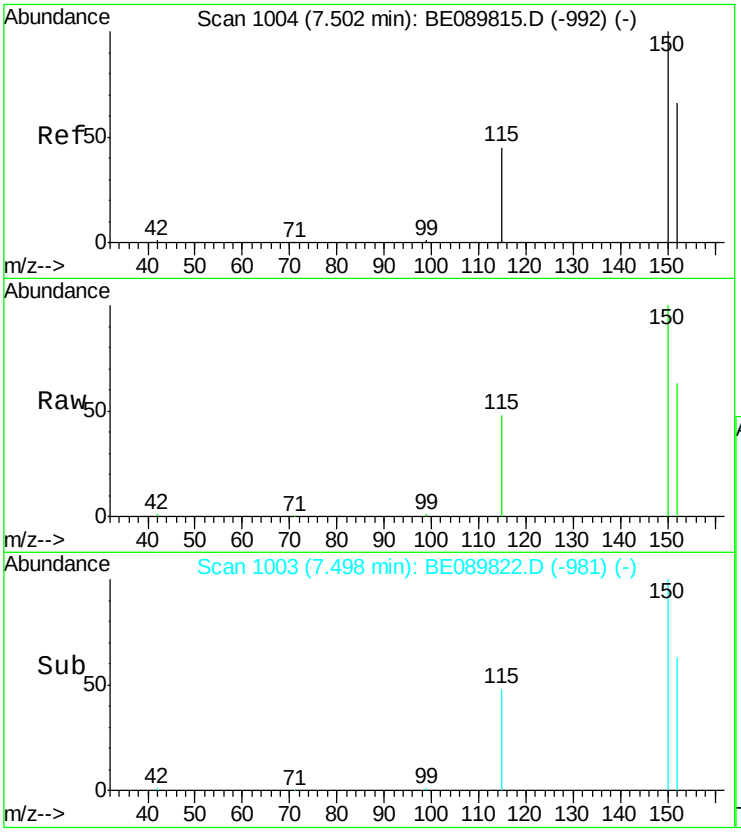


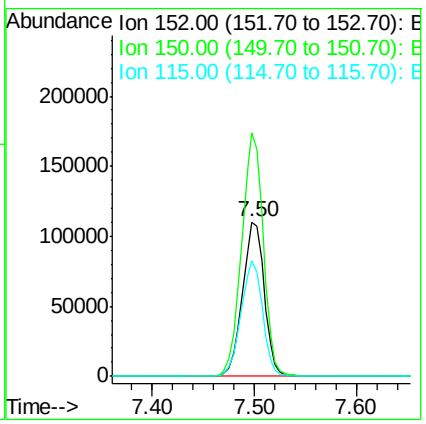


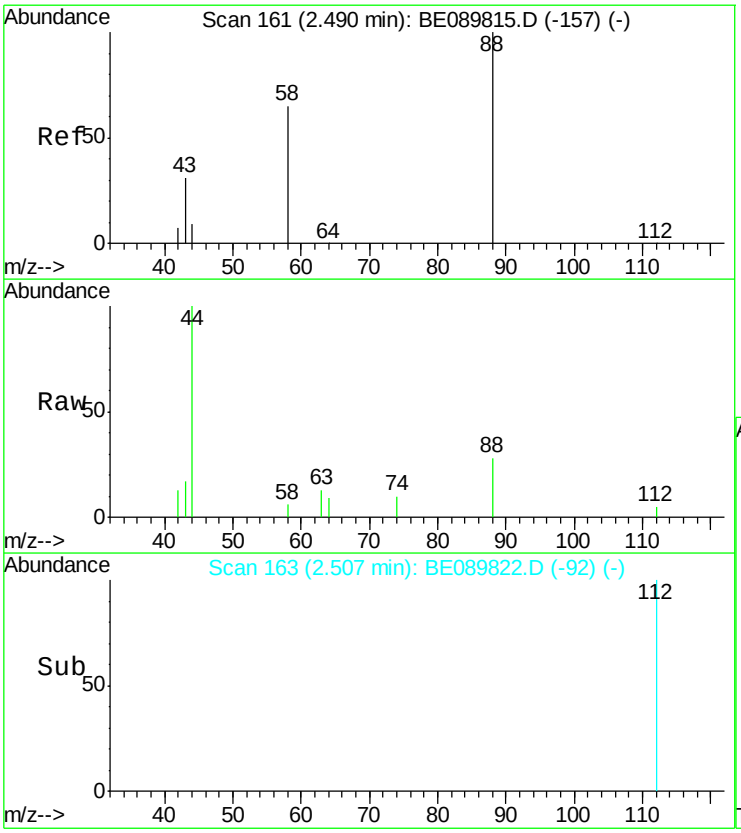
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:152 Resp: 161900

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.5	188.3
115	75.0	58.0	87.0

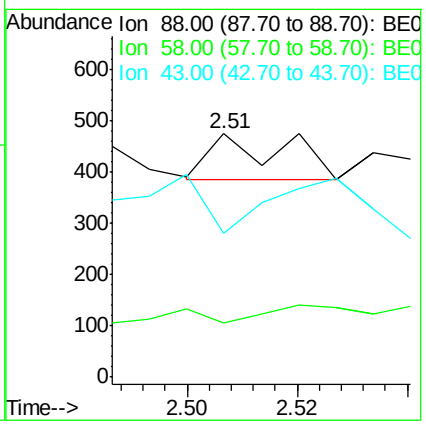


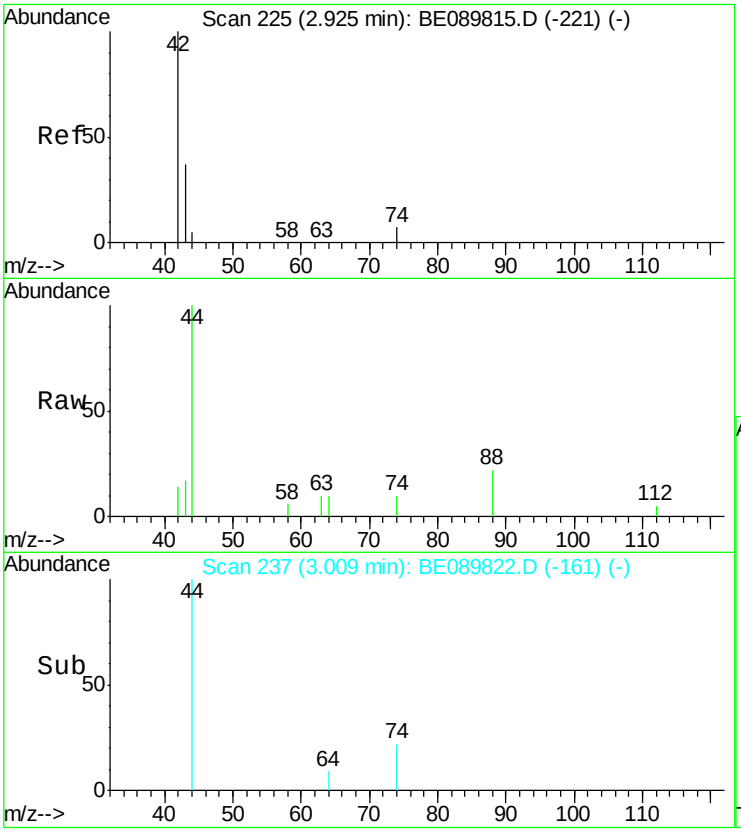


#2
1,4-Dioxane
Concen: Below Cal
RT: 2.51 min Scan# 163
Delta R.T. -0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion: 88 Resp: 84

Ion	Ratio	Lower	Upper
88	100		
58	69.0	48.6	72.8
43	0.0	28.6	43.0#



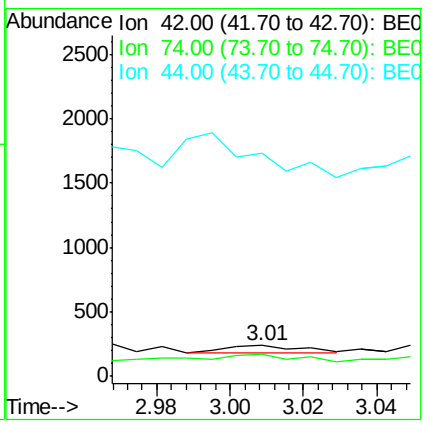


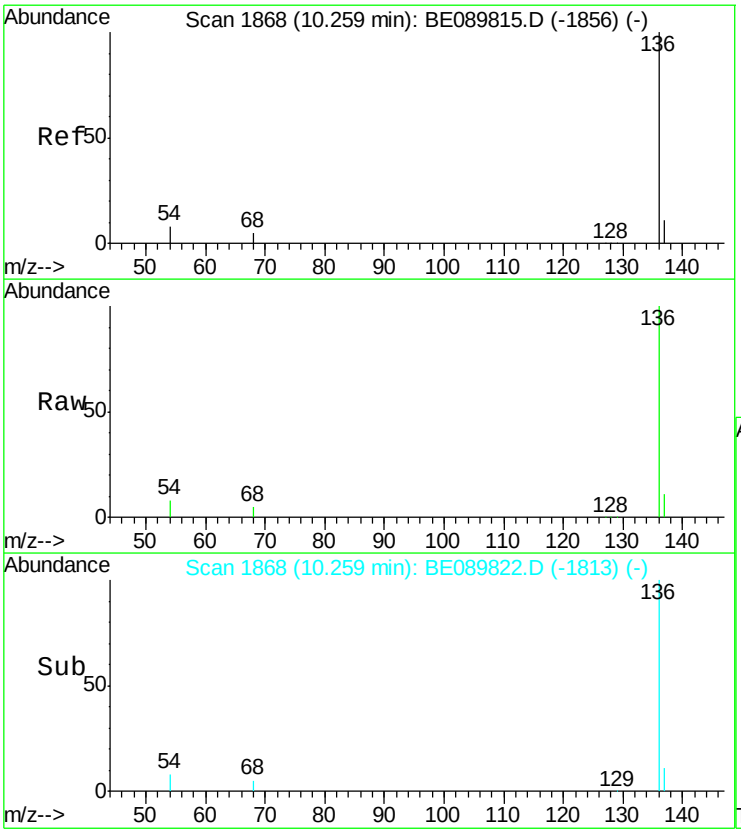
#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.01 min Scan# 237
Delta R.T. 0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion: 42 Resp: 90

Ion	Ratio	Lower	Upper
42	100		
74	128.9	68.7	103.1#
44	518.9	6.2	9.4#

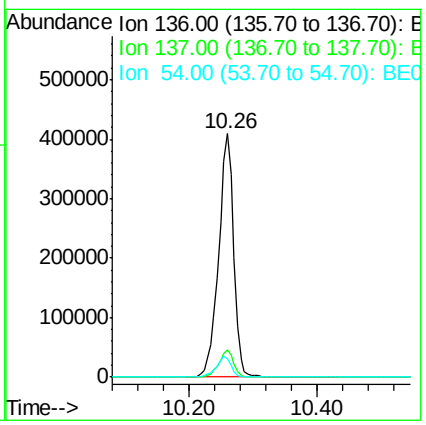


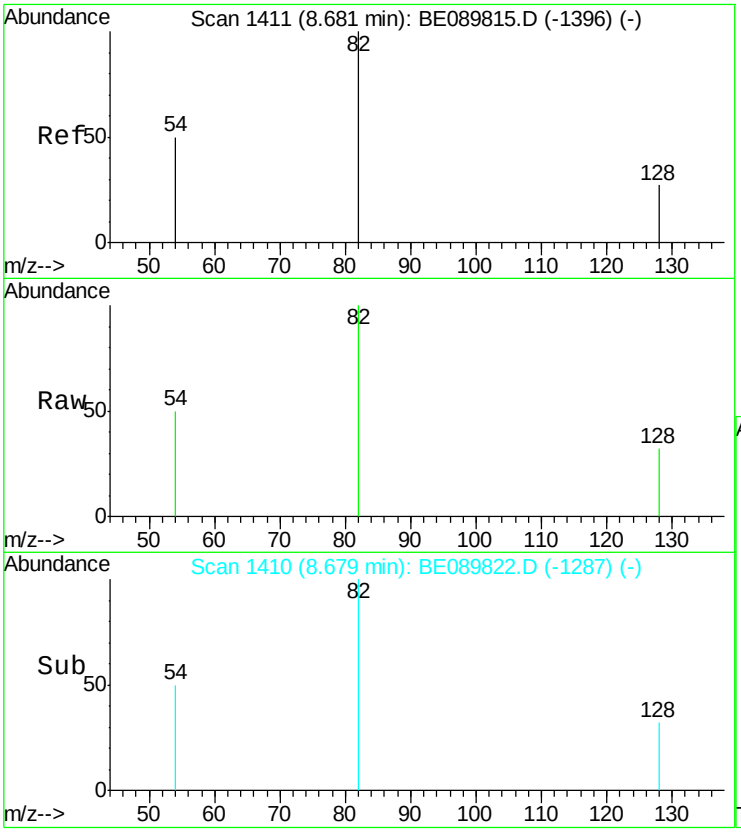


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:136 Resp: 662741

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.8	7.0	10.4



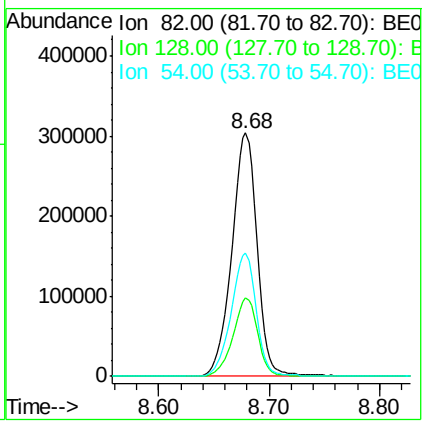


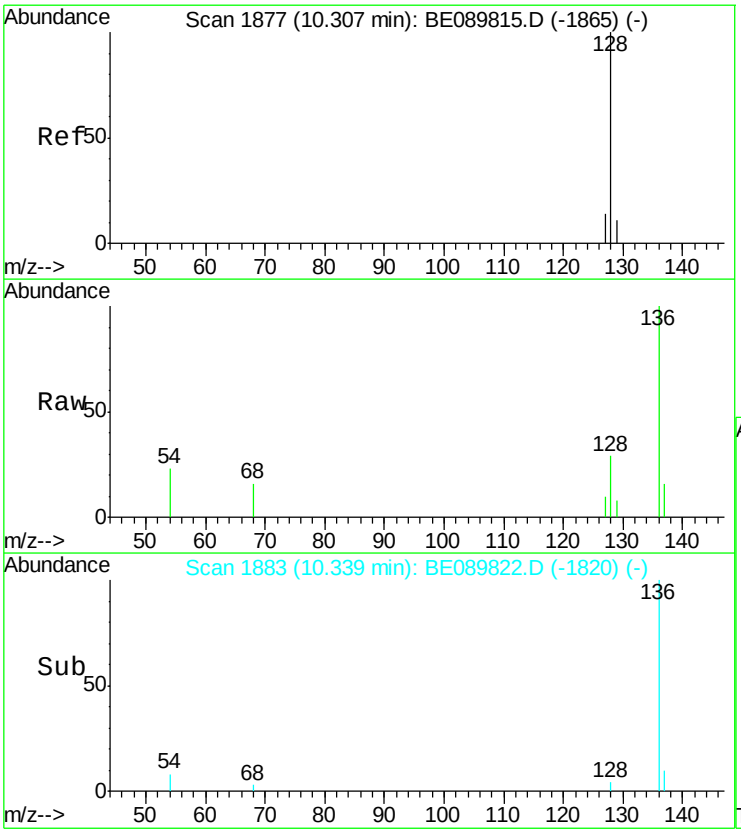
#5
Nitrobenzene-d5
Concen: 9.56 ng
RT: 8.68 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion: 82 Resp: 464019

Ion	Ratio	Lower	Upper
82	100		
128	32.3	24.6	37.0
54	50.4	43.0	64.6

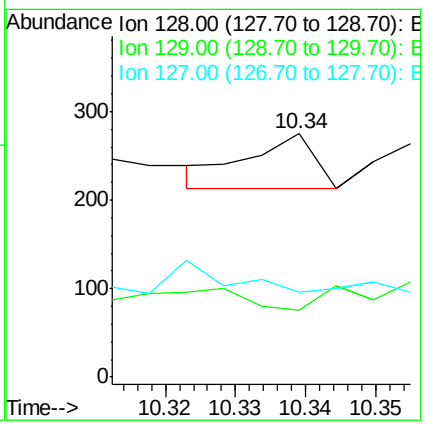


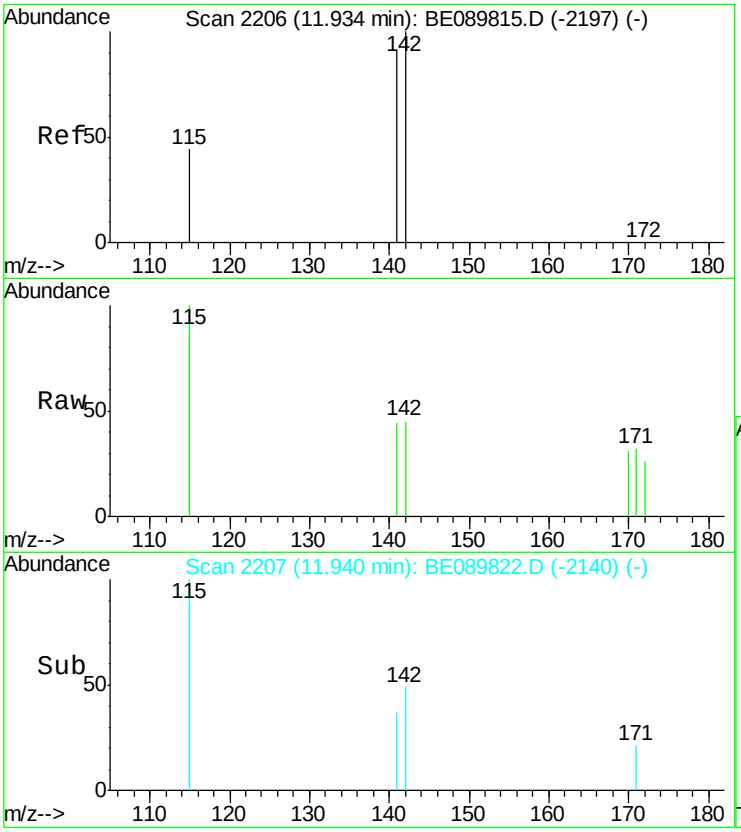


#6
Naphthalene
Concen: 0.00 ng
RT: 10.34 min Scan# 1883
Delta R.T. 0.03 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:128 Resp: 40

Ion	Ratio	Lower	Upper
128	100		
129	27.6	10.0	15.0#
127	34.9	12.5	18.7#



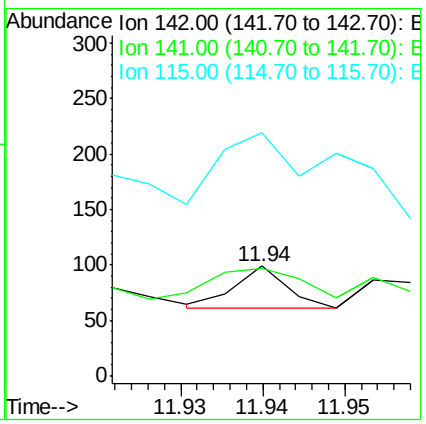


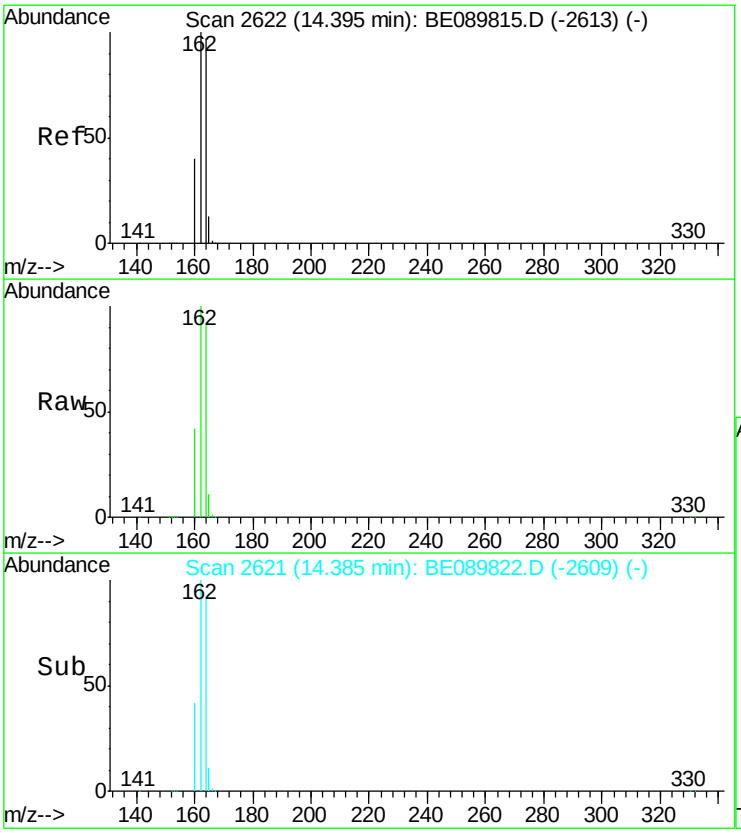
#7
2-Methylnaphthalene
Concen: 0.00 ng
RT: 11.94 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:142 Resp: 17

Ion	Ratio	Lower	Upper
142	100		
141	98.0	72.8	109.2
115	221.2	32.9	49.3#

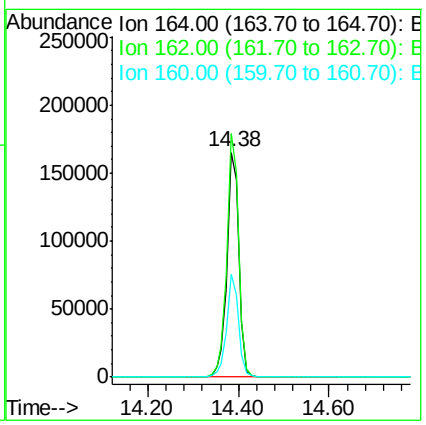


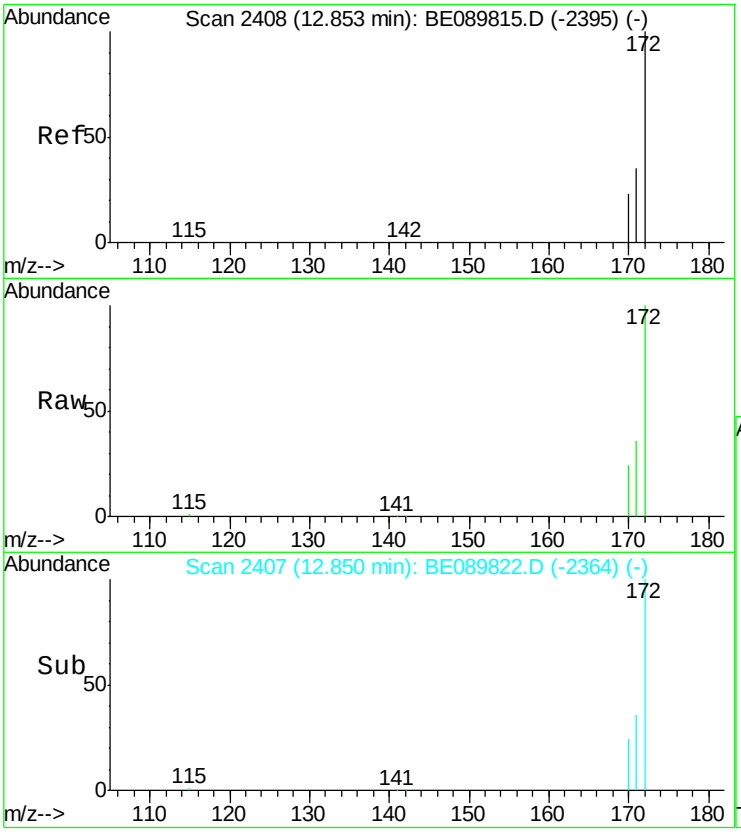


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:164 Resp: 298519

Ion	Ratio	Lower	Upper
164	100		
162	108.2	87.6	131.4
160	45.8	36.7	55.1



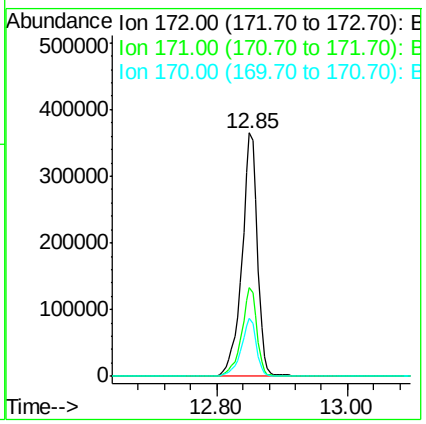


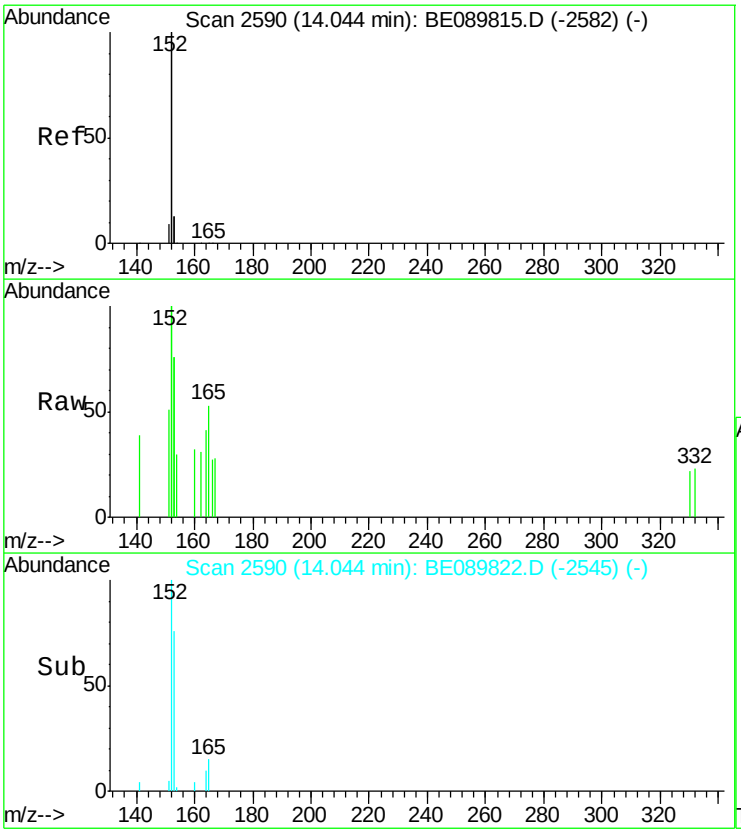
#9
2-Fluorobiphenyl
Concen: 8.57 ng
RT: 12.85 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:172 Resp: 598373

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	23.8	21.0	31.4

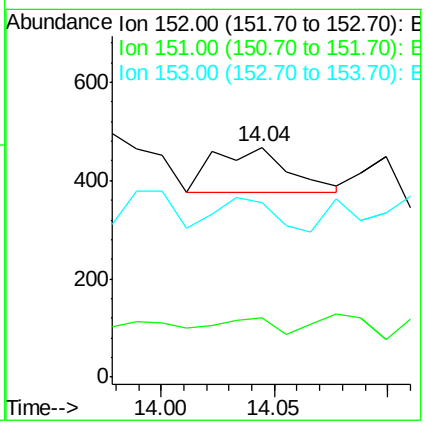


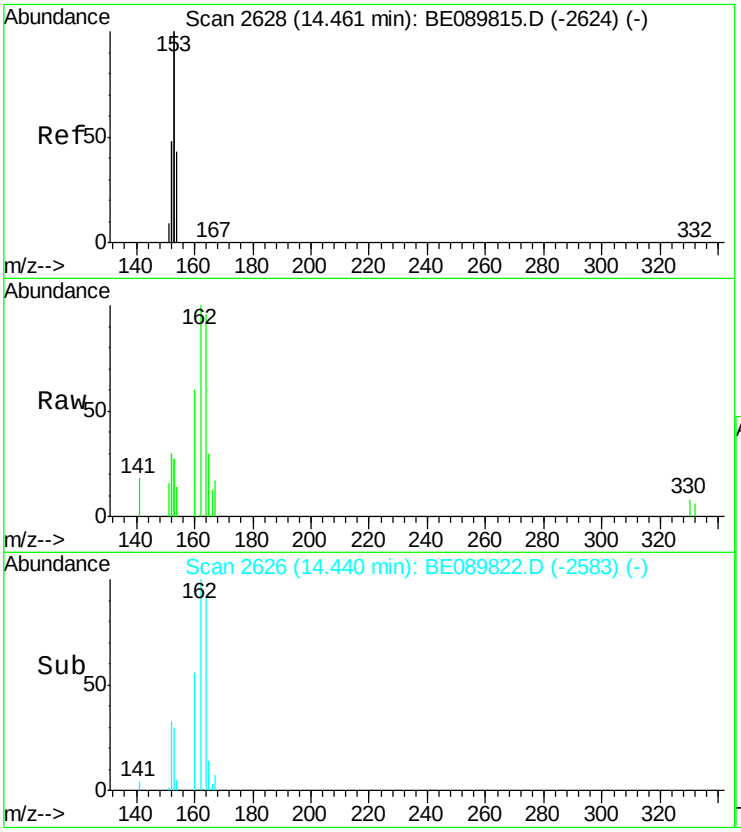


#10
Acenaphthylene
Concen: 0.00 ng
RT: 14.04 min Scan# 2590
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:152 Resp: 214

Ion	Ratio	Lower	Upper
152	100		
151	22.9	3.9	5.9#
153	54.7	11.0	16.4#



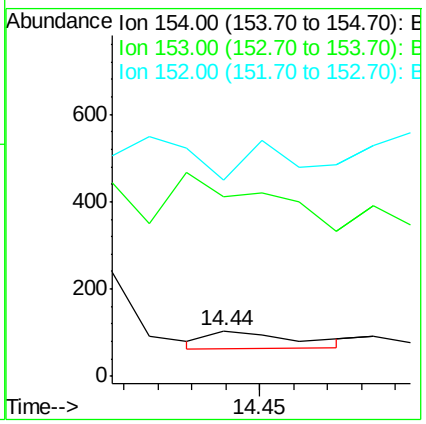


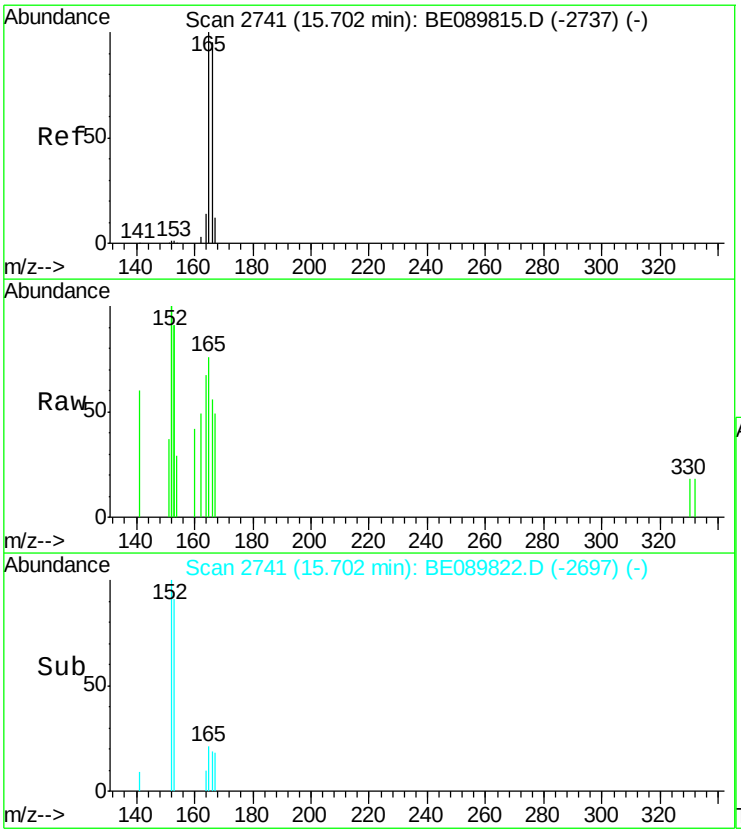
#11
Acenaphthene
Concen: 0.00 ng
RT: 14.44 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:154 Resp: 73

Ion	Ratio	Lower	Upper
154	100		
153	0.0	401.5	602.3#
152	0.0	198.6	298.0#

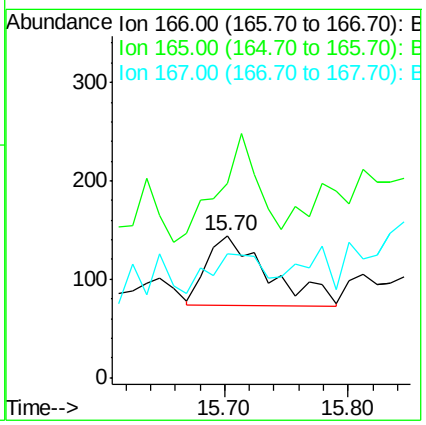


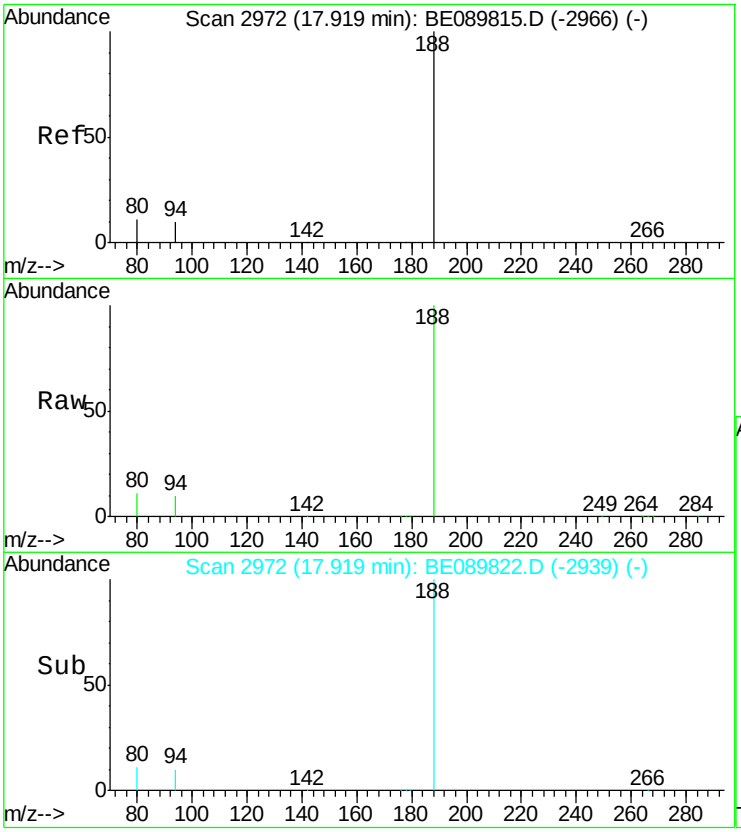


#12
Fluorene
Concen: 0.00 ng
RT: 15.70 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:166 Resp: 244

Ion	Ratio	Lower	Upper
166	100		
165	104.5	85.1	127.7
167	64.8	12.2	18.4#



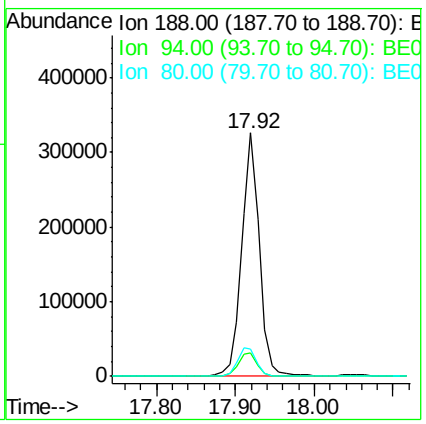


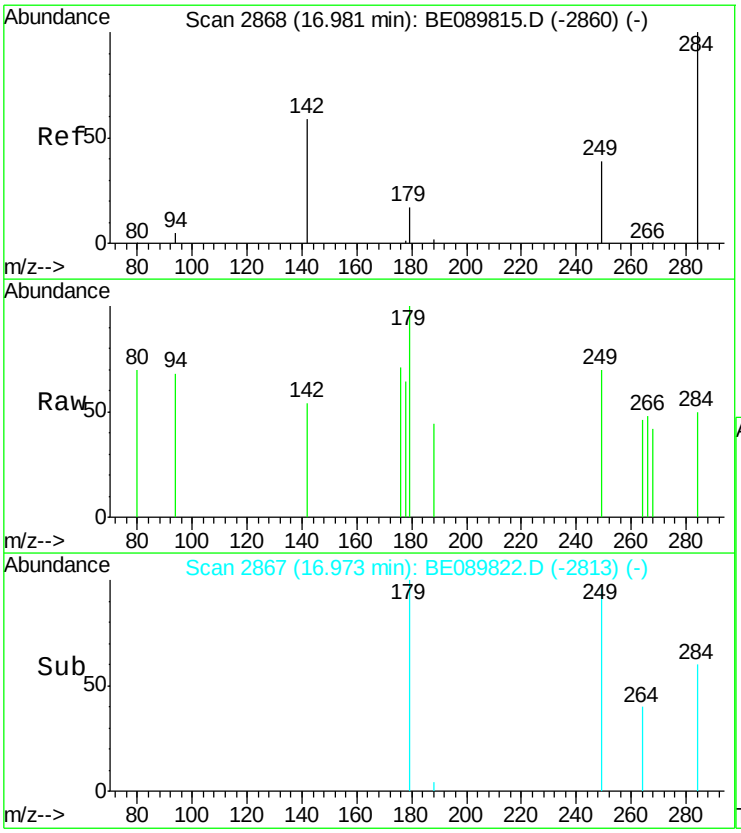
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.92 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:188 Resp: 511829

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	11.3	10.0	15.0

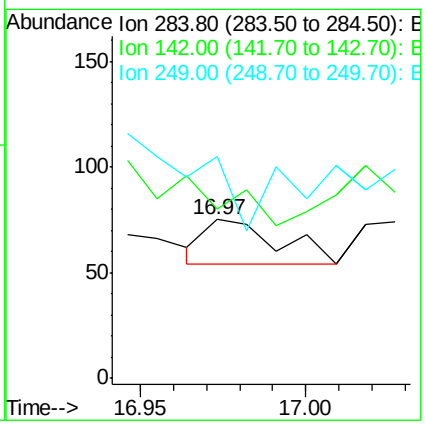


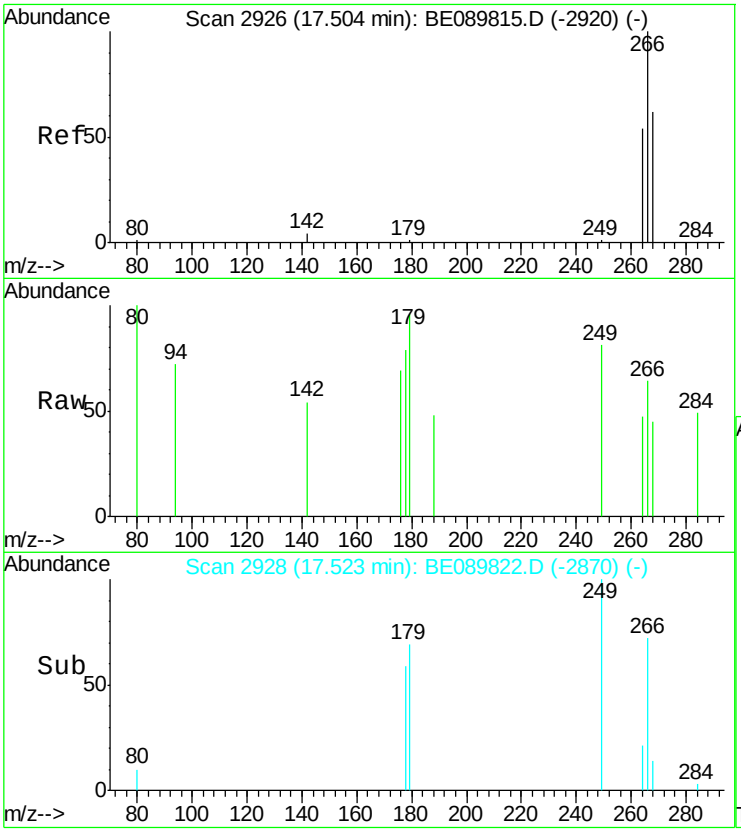


#14
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.97 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:284 Resp: 32

Ion	Ratio	Lower	Upper
284	100		
142	0.0	53.3	79.9#
249	0.0	31.1	46.7#



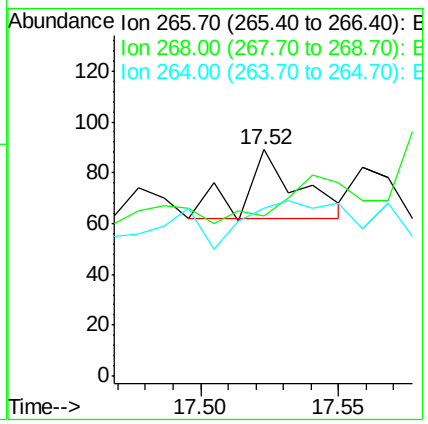


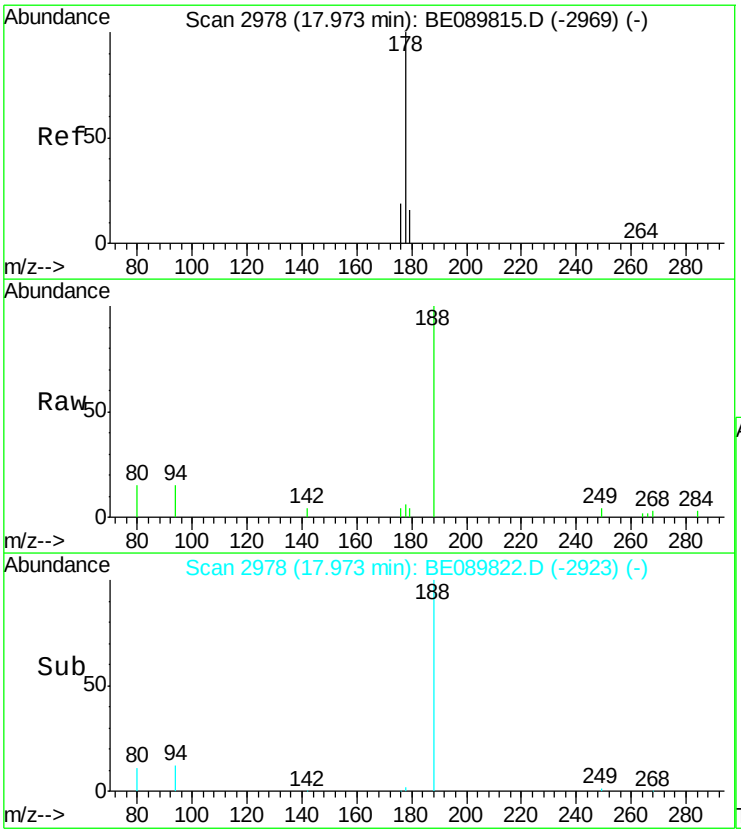
#15
Pentachlorophenol
Concen: Below Cal
RT: 17.52 min Scan# 2928
Delta R.T. 0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
268	70.8	51.6	77.4
264	74.2	50.2	75.2

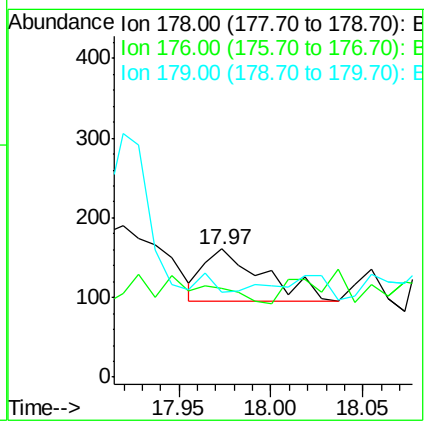


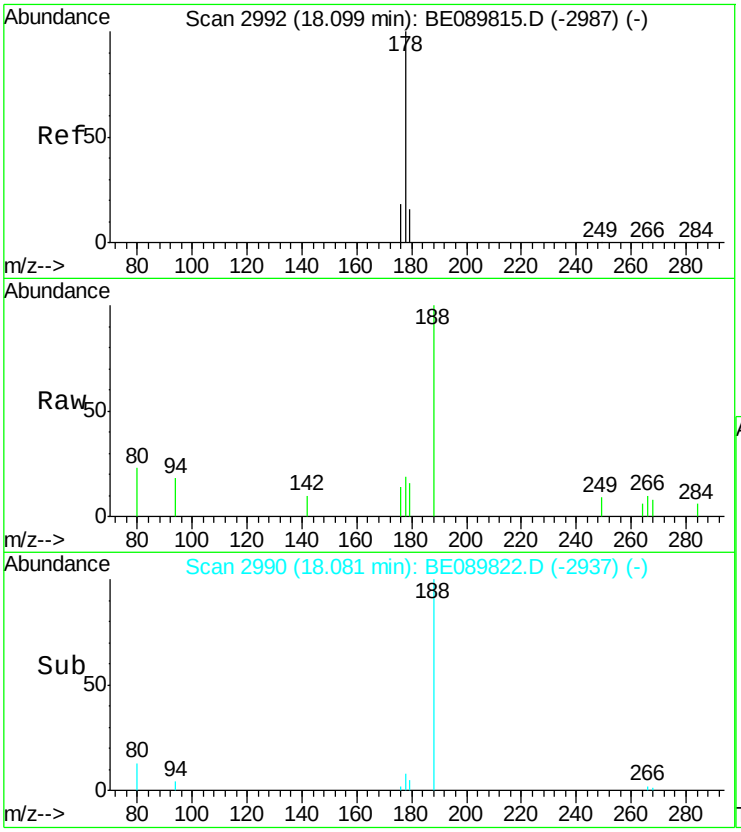


#16
Phenanthrene
Concen: 0.00 ng
RT: 17.97 min Scan# 2978
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:178 Resp: 143

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.0#
179	0.0	12.2	18.4#



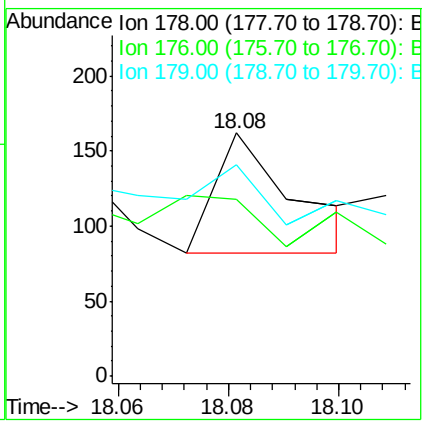


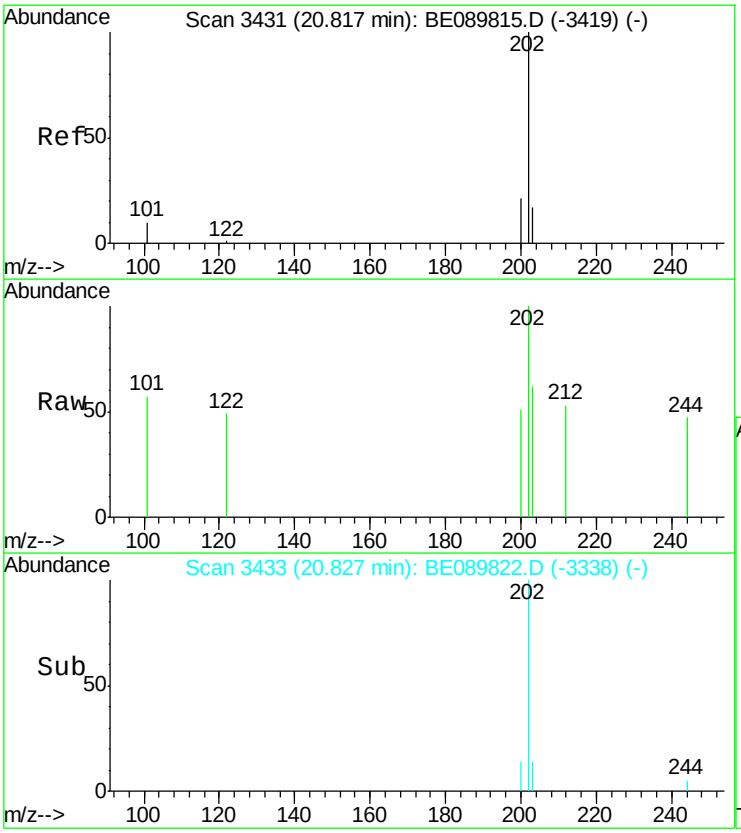
#17
Anthracene
Concen: 0.00 ng
RT: 18.08 min Scan# 2990
Delta R.T. -0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:178 Resp: 80

Ion	Ratio	Lower	Upper
178	100		
176	55.0	14.6	21.8#
179	0.0	12.1	18.1#

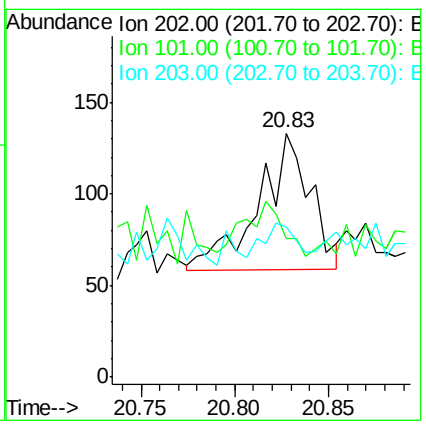


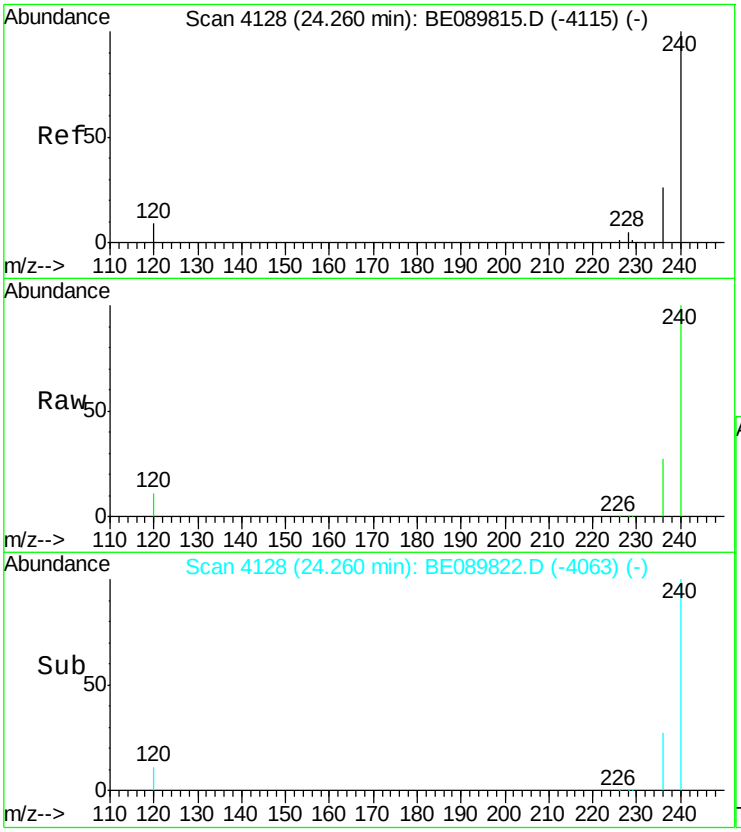


#18
Fluoranthene
Concen: 0.00 ng
RT: 20.83 min Scan# 3433
Delta R.T. 0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:202 Resp: 144

Ion	Ratio	Lower	Upper
202	100		
101	29.2	8.2	12.2#
203	14.6	14.2	21.4



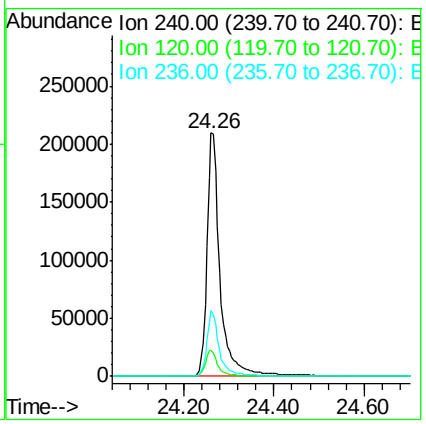


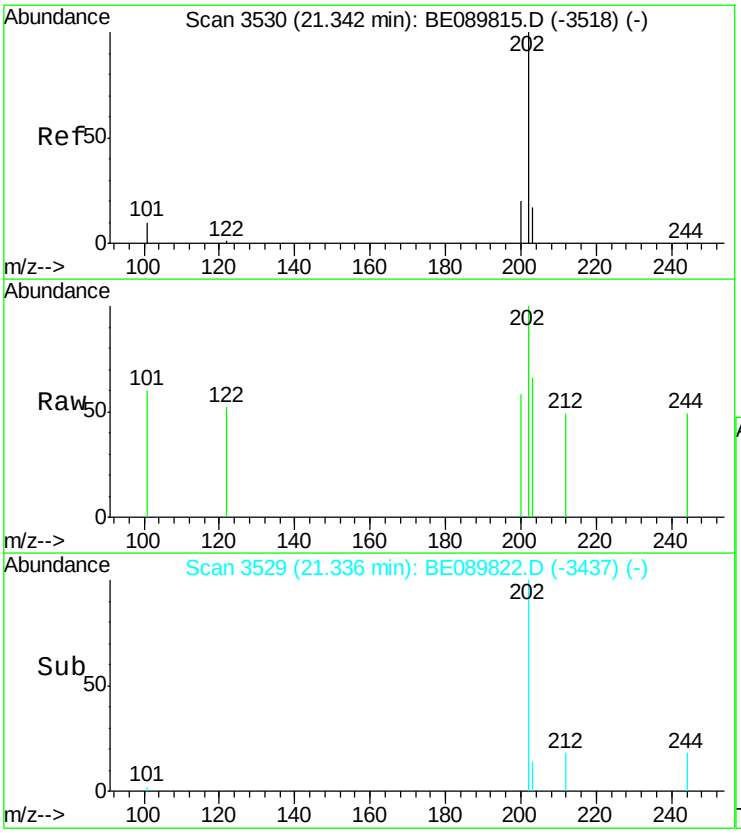
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:240 Resp: 425172

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	26.7	20.5	30.7

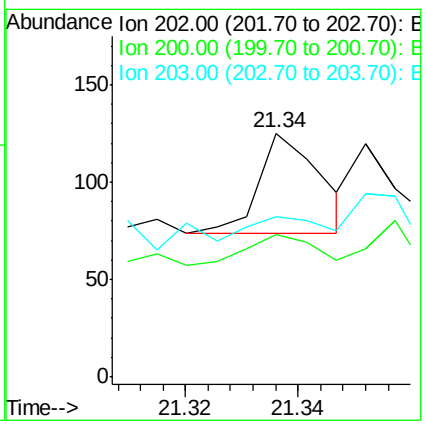


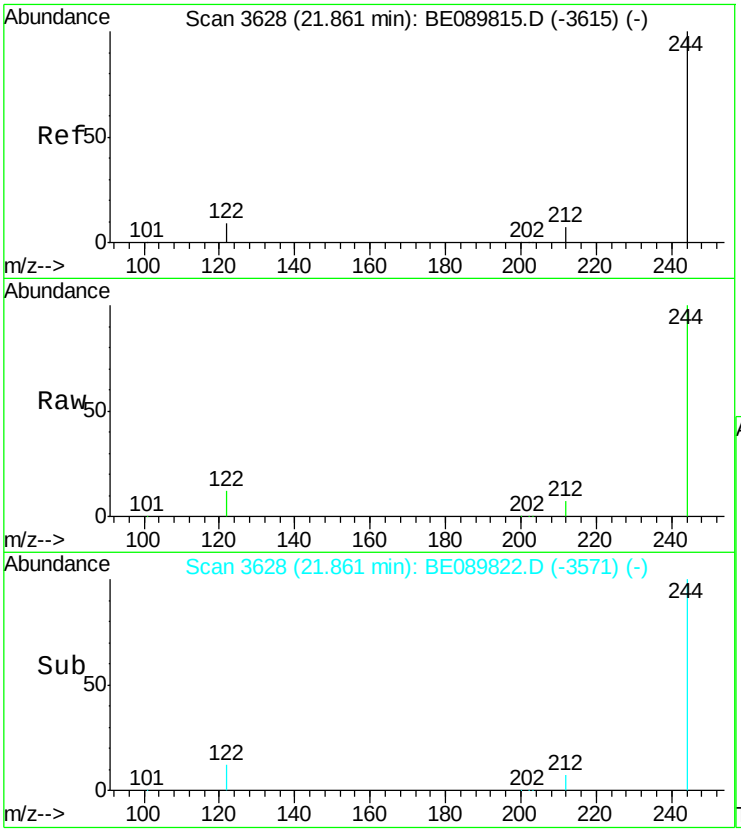


#20
Pyrene
Concen: 0.00 ng
RT: 21.34 min Scan# 3529
Delta R.T. -0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:202 Resp: 38

Ion	Ratio	Lower	Upper
202	100		
200	34.2	15.9	23.9#
203	0.0	13.6	20.4#



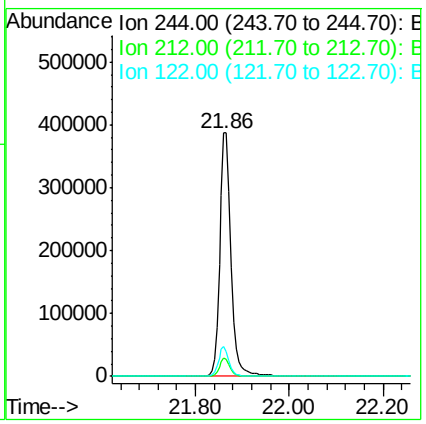


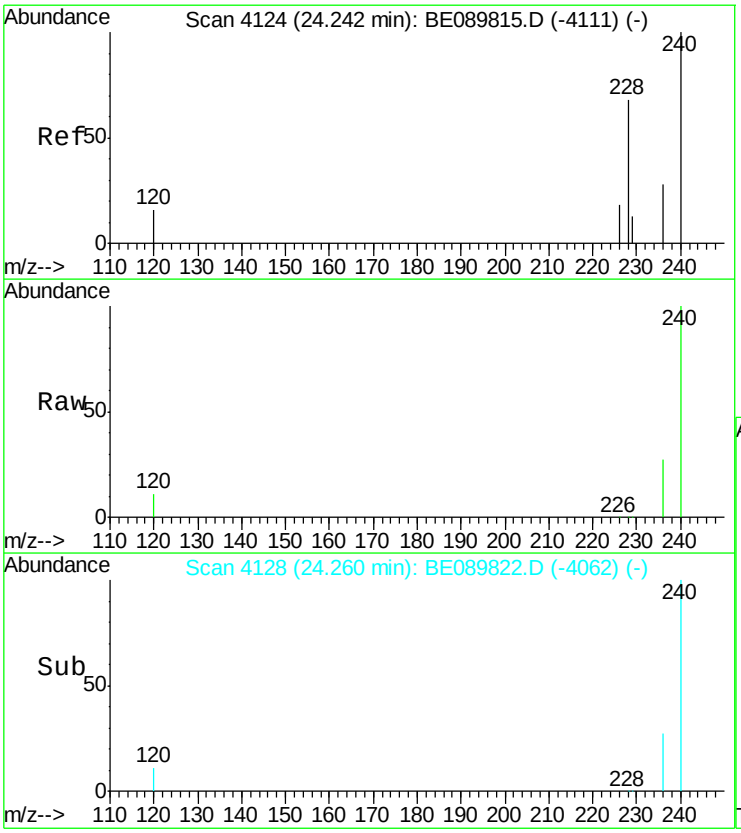
#21
Terphenyl-d14
Concen: 10.48 ng
RT: 21.86 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:244 Resp: 657437

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.3	10.9
122	12.3	10.5	15.7

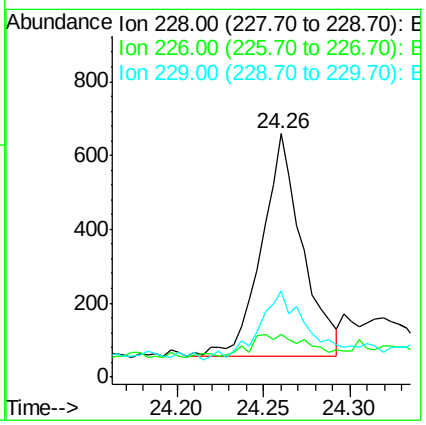


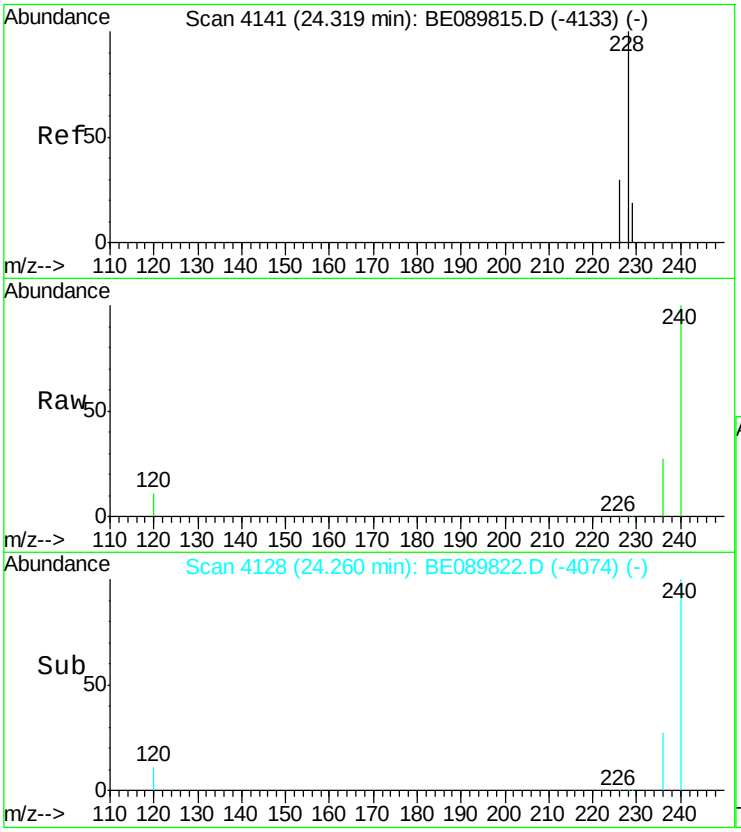


#22
Benzo(a)anthracene
Concen: 0.01 ng
RT: 24.26 min Scan# 4128
Delta R.T. 0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:228 Resp: 991

Ion	Ratio	Lower	Upper
228	100		
226	17.3	19.8	29.8#
229	35.5	16.3	24.5#



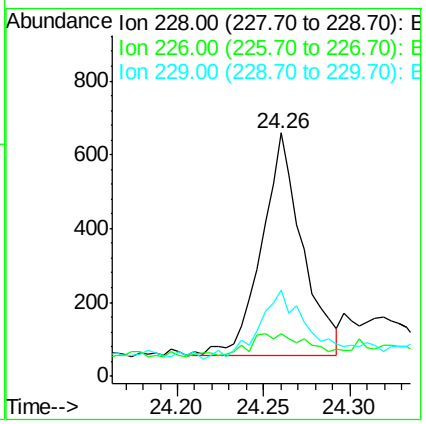


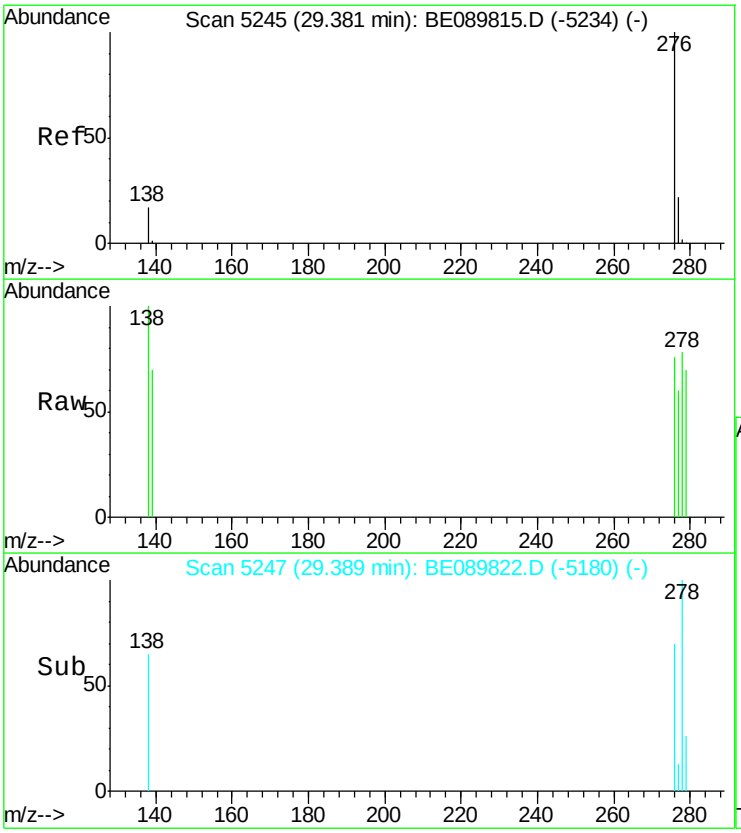
#23
Chrysene
Concen: 0.01 ng
RT: 24.26 min Scan# 4128
Delta R.T. -0.06 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:228 Resp: 991

Ion	Ratio	Lower	Upper
228	100		
226	17.3	23.0	34.4#
229	35.5	15.8	23.6#

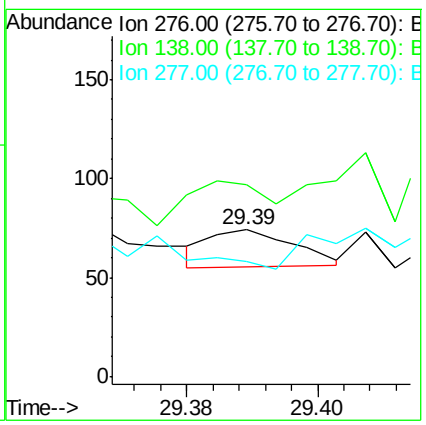


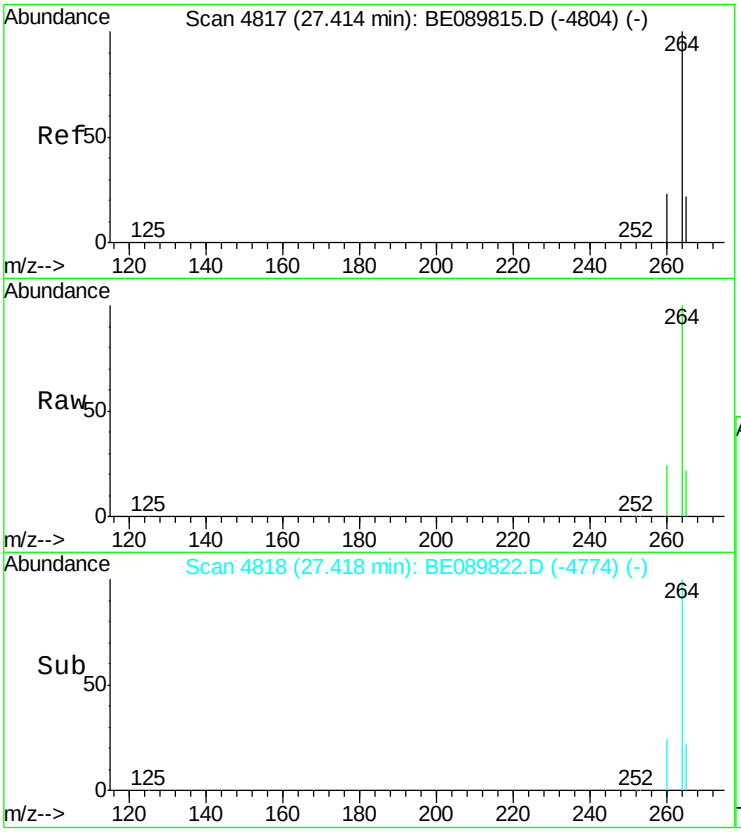


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 29.39 min Scan# 5247
Delta R.T. 0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:276 Resp: 17

Ion	Ratio	Lower	Upper
276	100		
138	111.8	4.3	6.5#
277	0.0	9.0	13.4#



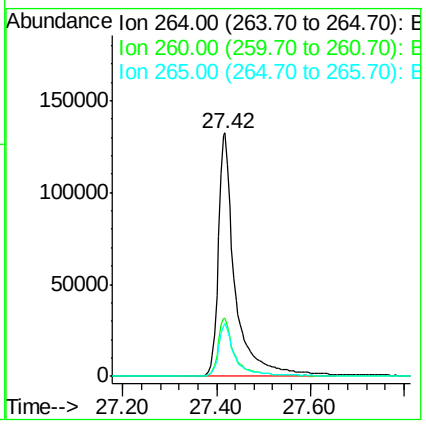


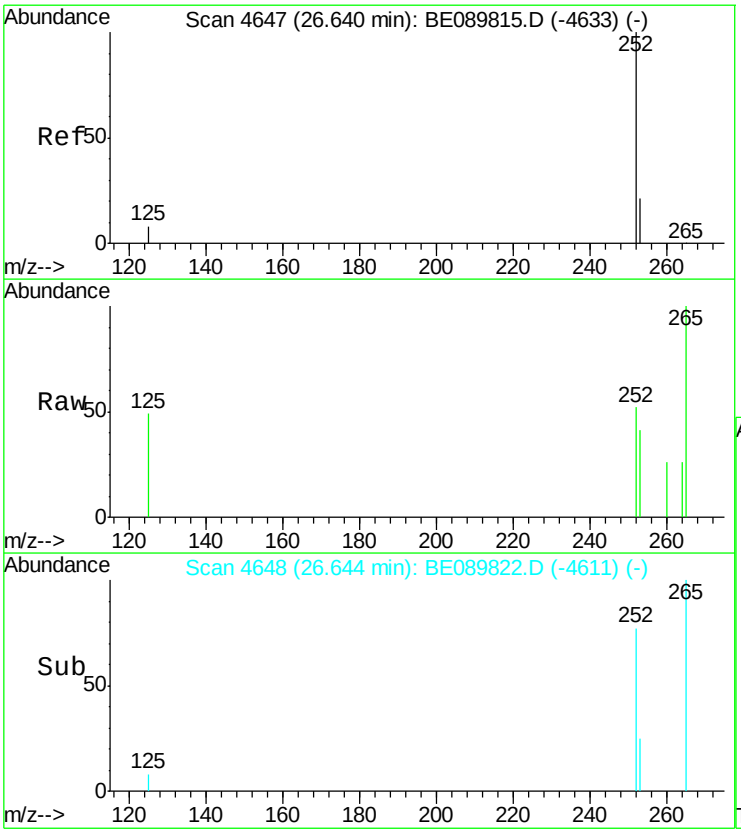
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4818
Delta R.T. 0.00 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:264 Resp: 329178

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	21.7	17.3	25.9

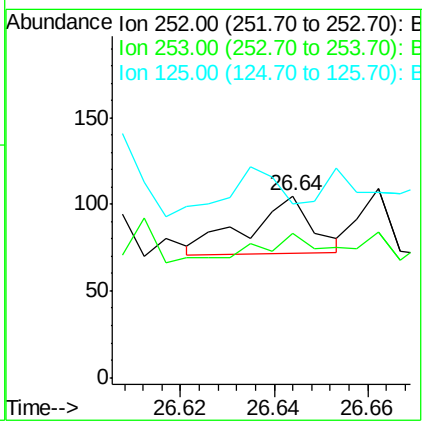


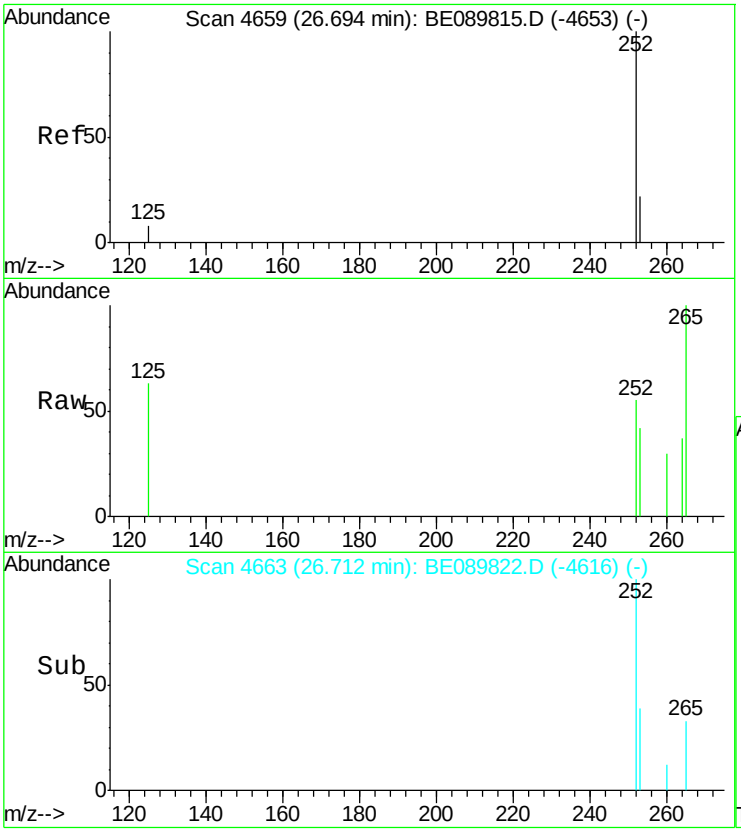


#26
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 26.64 min Scan# 4648
Delta R.T. 0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:252 Resp: 31

Ion	Ratio	Lower	Upper
252	100		
253	79.0	17.8	26.6#
125	95.2	8.7	13.1#



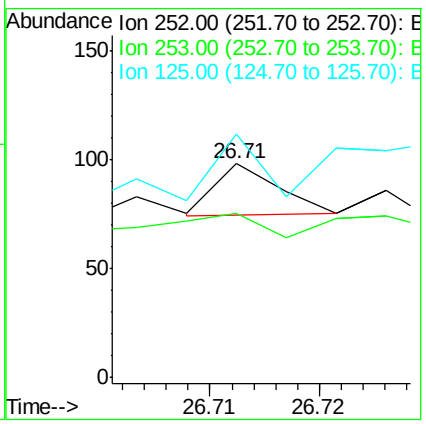


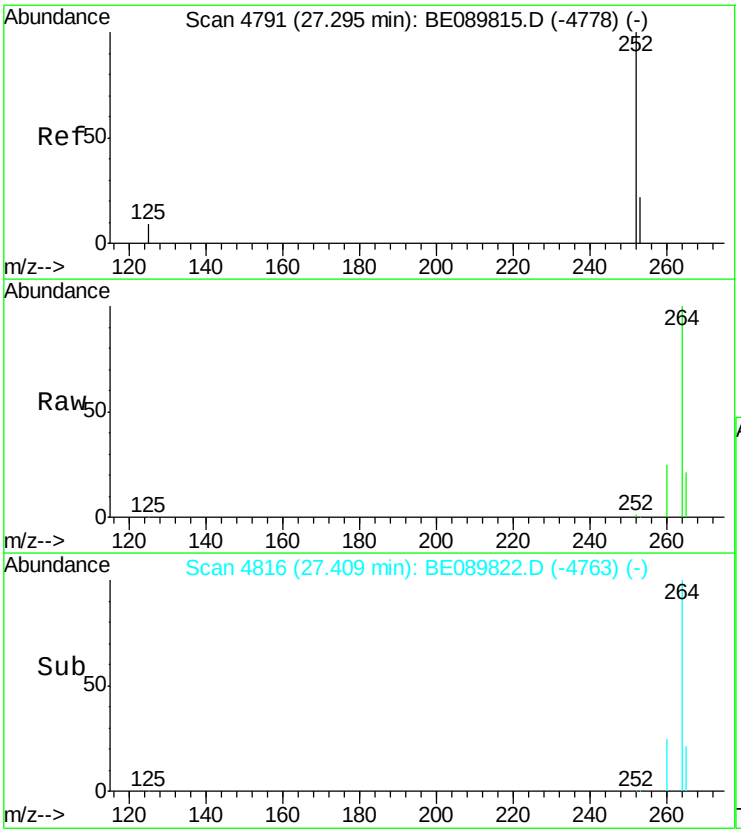
#27
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 26.71 min Scan# 4663
Delta R.T. 0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:252 Resp: 10

Ion	Ratio	Lower	Upper
252	100		
253	76.5	18.6	28.0#
125	114.3	10.8	16.2#

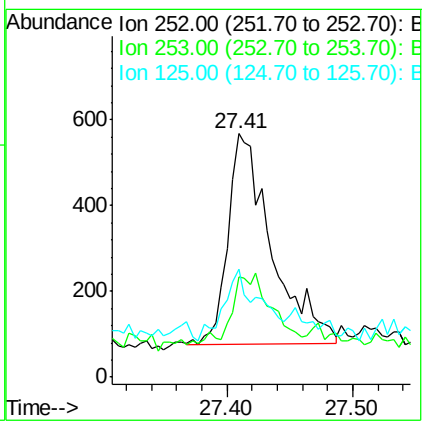


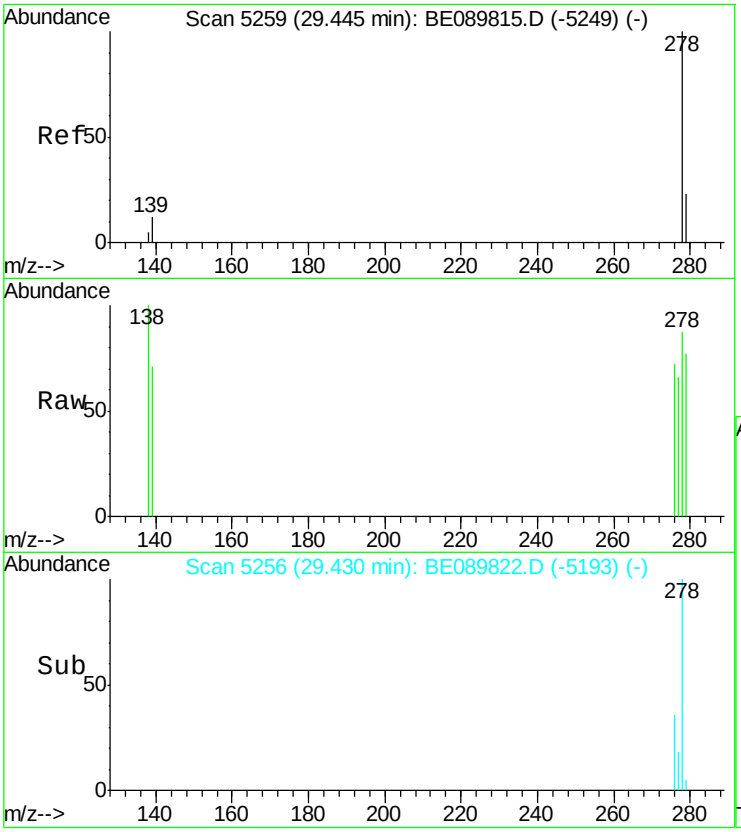


#28
Benzo(a)pyrene
Concen: 0.31 ng
RT: 27.41 min Scan# 4816
Delta R.T. 0.11 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:252 Resp: 1189

Ion	Ratio	Lower	Upper
252	100		
253	41.0	21.0	31.4#
125	44.2	13.3	19.9#



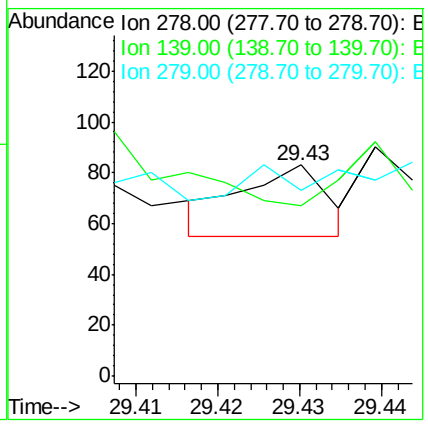


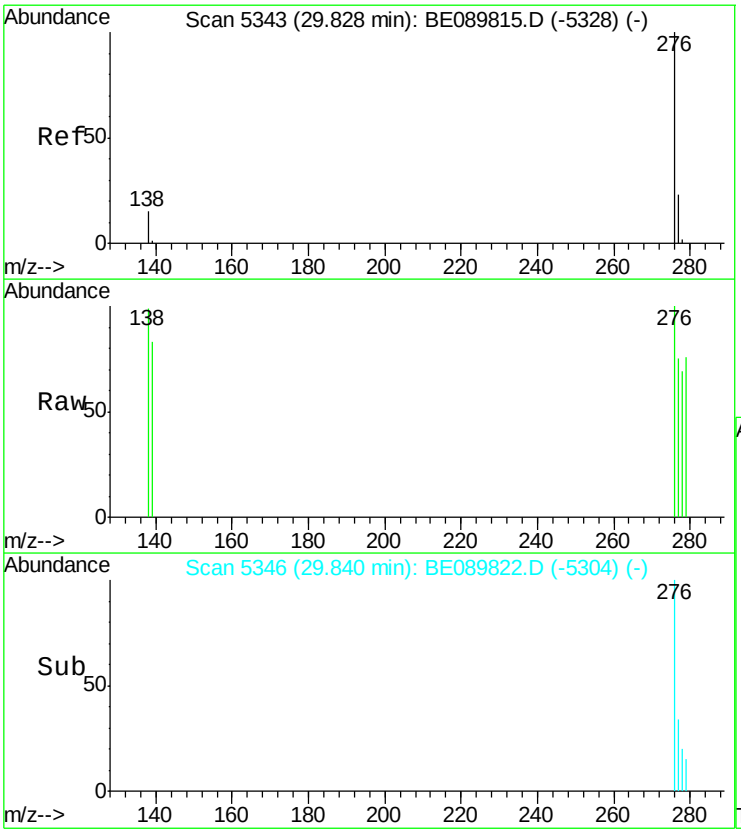
#29
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 29.43 min Scan# 5256
Delta R.T. -0.01 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Instrument :
BNA_E
ClientSampleId :
PB82216BL

Tgt Ion:278 Resp: 21

Ion	Ratio	Lower	Upper
278	100		
139	80.7	20.0	30.0#
279	88.0	28.9	43.3#





#30
Benzo(g,h,i)perylene
Concen: 0.25 ng
RT: 29.84 min Scan# 5346
Delta R.T. 0.02 min
Lab File: BE089822.D
Acq: 24 Mar 2015 20:14

Tgt Ion:276 Resp: 24

Ion	Ratio	Lower	Upper
276	100		
277	74.7	19.2	28.8#
138	99.0	22.9	34.3#