Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032515\
Data File : BE089842.D
Acq On : 25 Mar 2015 18:06
Operator : TP/JJ
Sample : G1575-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RW-10V

Quant Time: Mar 26 11:34:08 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 16:20:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	221700	5.00	ng		0.00
4) Naphthalene-d8	10.26	136	879438	5.00	ng		0.00
8) Acenaphthene-d10	14.40	164	383853	5.00	ng		0.01
13) Phenanthrene-d10	17.92	188	649601	5.00	ng		0.00
19) Chrysene-d12	24.26	240	590912	5.00	ng		0.00
25) Perylene-d12	27.42	264	544034	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.68	82	537039	8.37	ng		0.00
9) 2-Fluorobiphenyl	12.85	172	814508	9.07	ng		0.00
21) Terphenyl-d14	21.87	244	836545	9.60	ng		0.00
Target Compounds							Qvalue
7) 2-Methylnaphthalene	11.94	142	6868	0.07	ng	#	90
14) Hexachlorobenzene	16.98	284	7195	0.33	ng		98
16) Phenanthrene	17.97	178	11516	0.08	ng		99
18) Fluoranthene	20.82	202	31371	0.24	ng		99
20) Pyrene	21.35	202	26547	0.18	ng	#	95
22) Benzo(a)anthracene	24.25	228	11909	0.11	ng	#	93
23) Chrysene	24.32	228	21502	0.18	ng		95
24) Indeno(1,2,3-cd)pyrene	29.38	276	10017	0.50	ng	#	80
26) Benzo(b)fluoranthene	26.65	252	21532	0.49	ng	#	89
27) Benzo(k)fluoranthene	26.70	252	12578m	0.11	ng		
28) Benzo(a)pyrene	27.30	252	10529	0.39	ng	#	84
30) Benzo(g,h,i)perylene	29.83	276	13021	0.36	ng		97

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

Quantitation Report (QT Reviewed)

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Acq On : 25 Mar 2015 18:06
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Misc :
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RW-10V

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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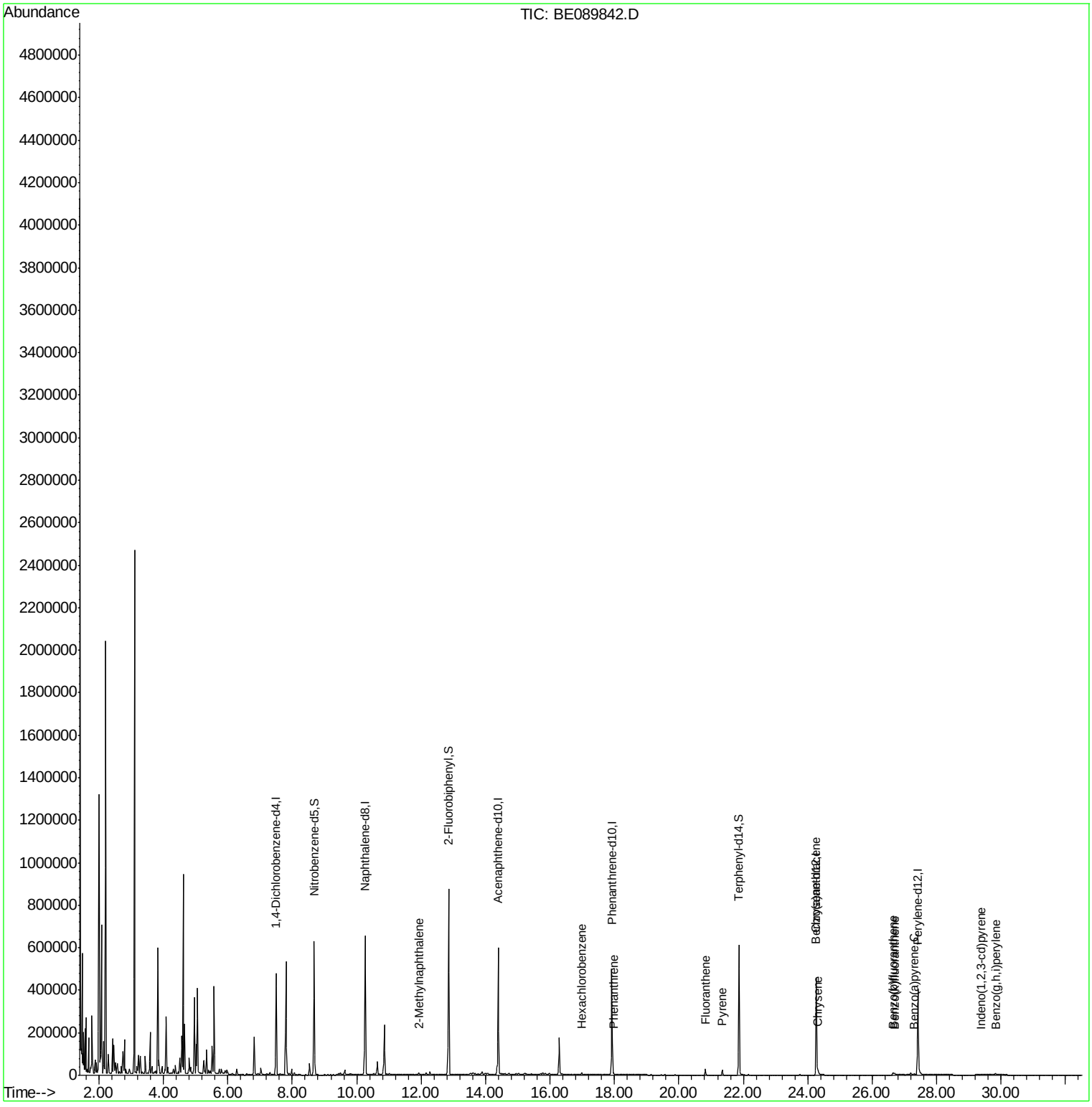
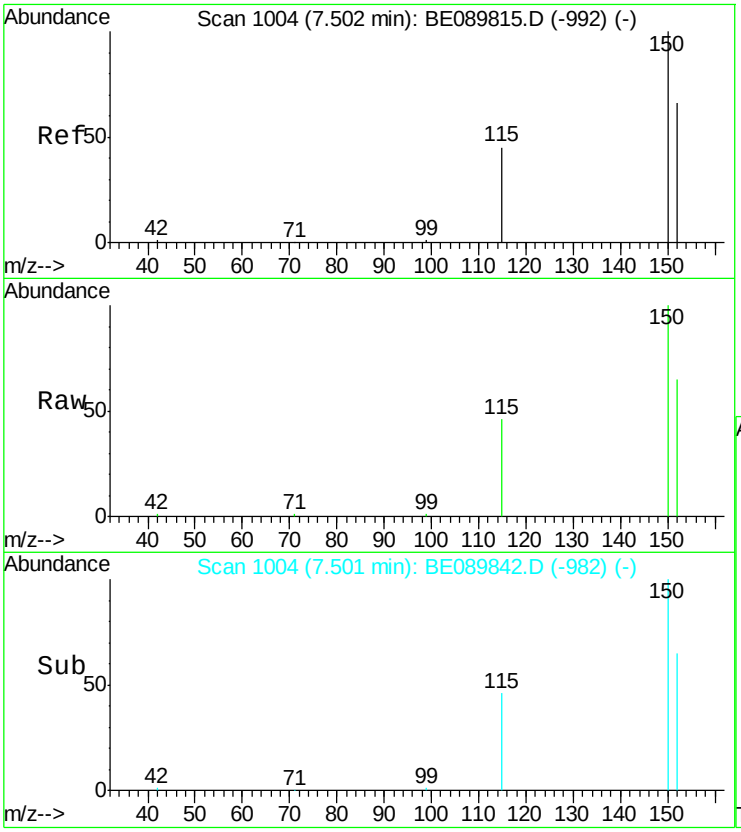


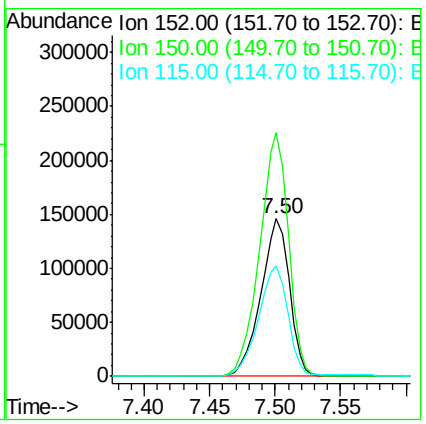


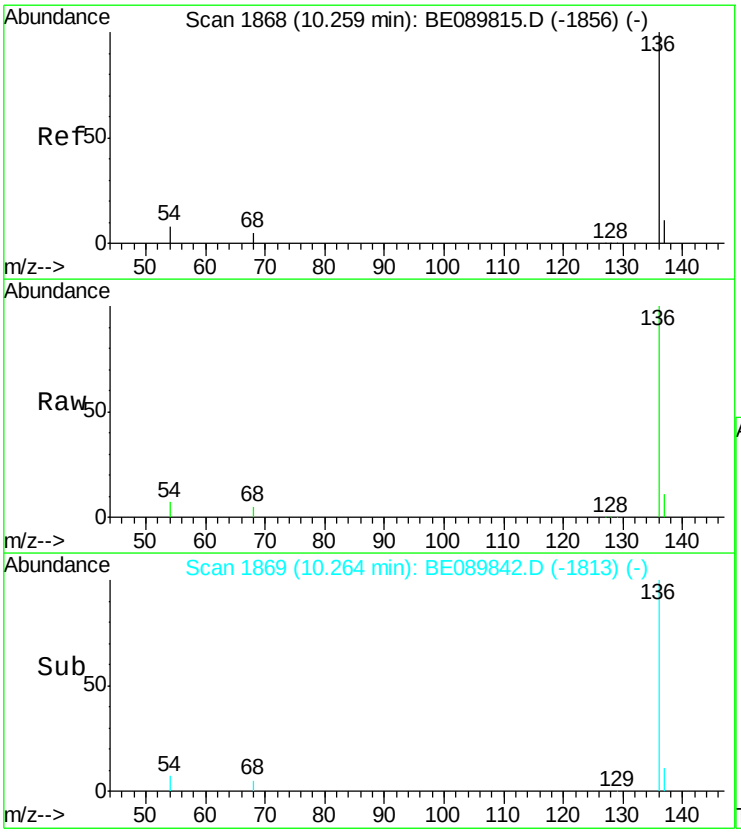
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.50 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:152 Resp: 221700

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.5	188.3
115	70.5	58.0	87.0

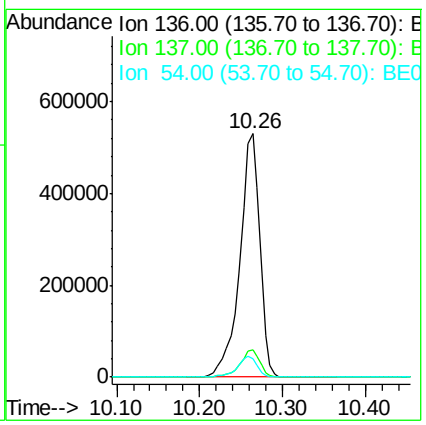


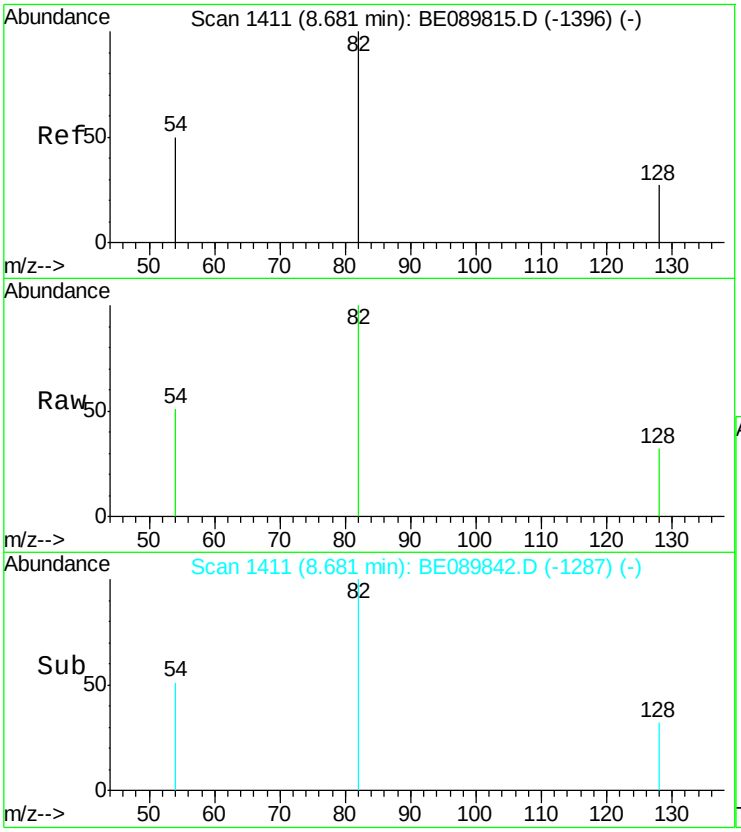


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.26 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:136 Resp: 879438

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	7.0	10.4



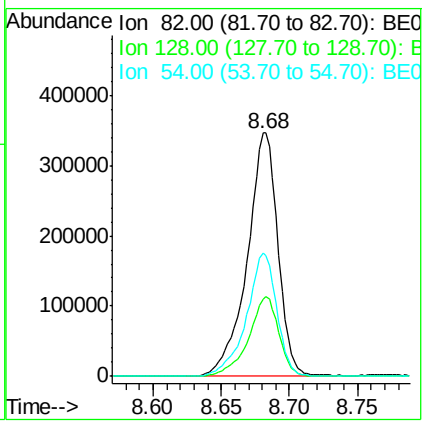


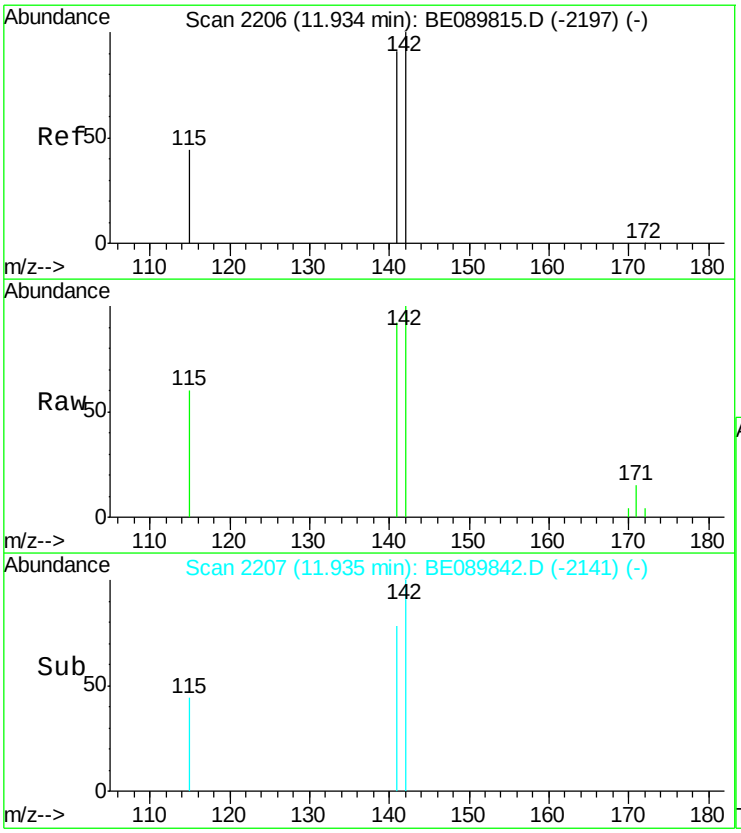
#5
Nitrobenzene-d5
Concen: 8.37 ng
RT: 8.68 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion: 82 Resp: 537039

Ion	Ratio	Lower	Upper
82	100		
128	31.7	24.6	37.0
54	50.6	43.0	64.6

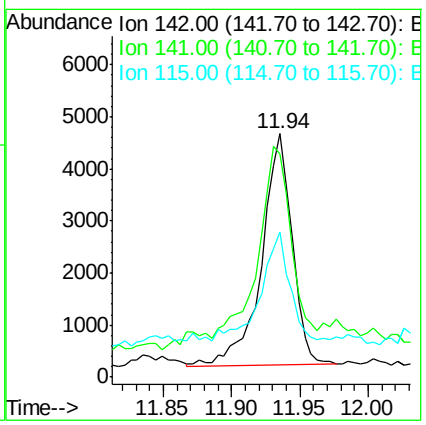


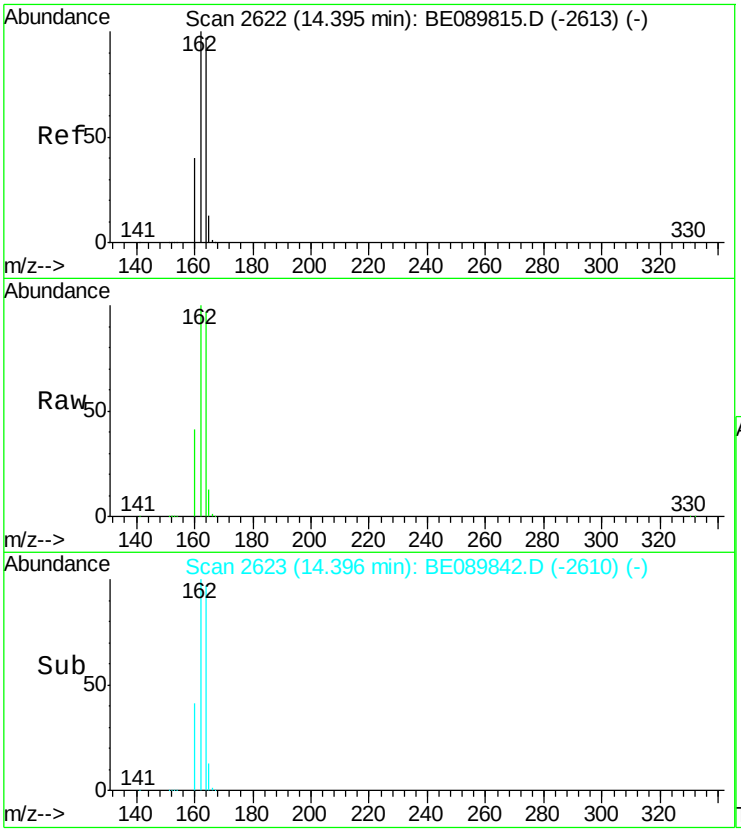


#7
2-Methylnaphthalene
Concen: 0.07 ng
RT: 11.94 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:142 Resp: 6868

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2
115	59.6	32.9	49.3#



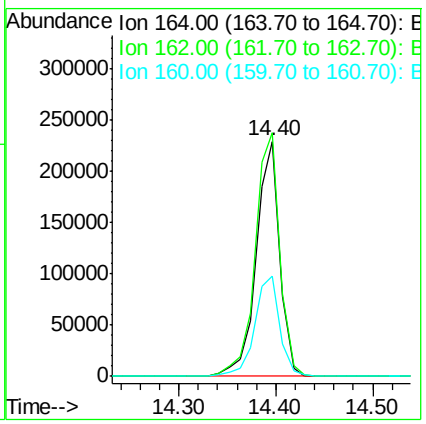


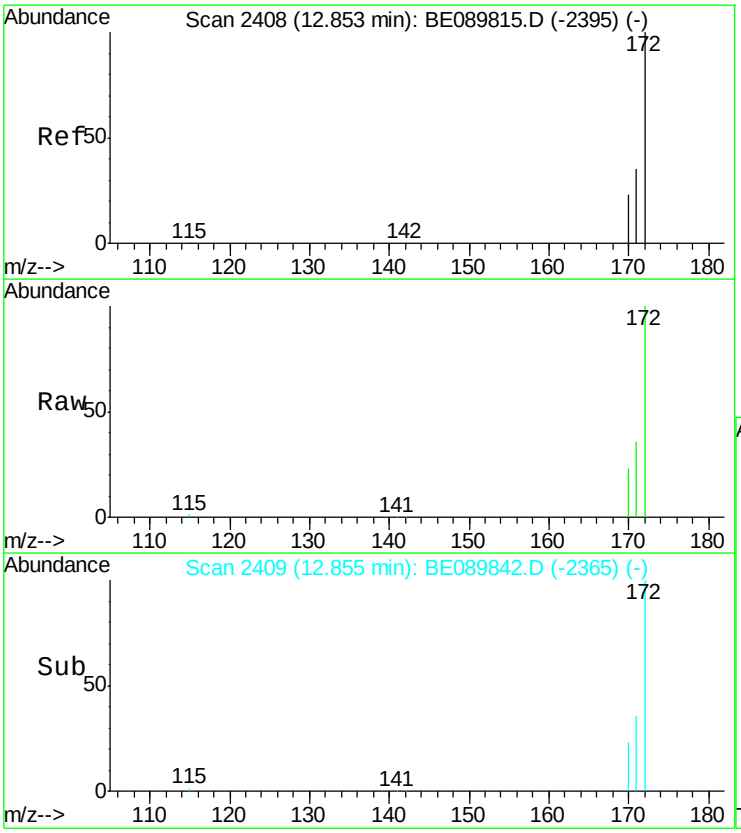
#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:164 Resp: 383853

Ion	Ratio	Lower	Upper
164	100		
162	103.5	87.6	131.4
160	42.5	36.7	55.1

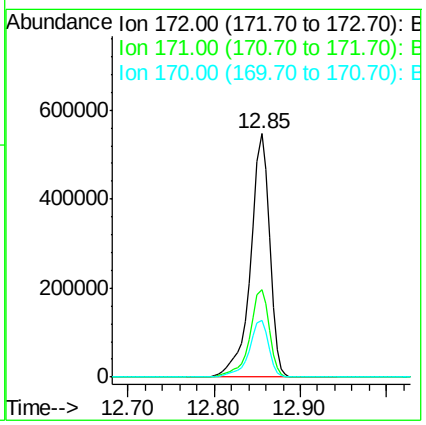


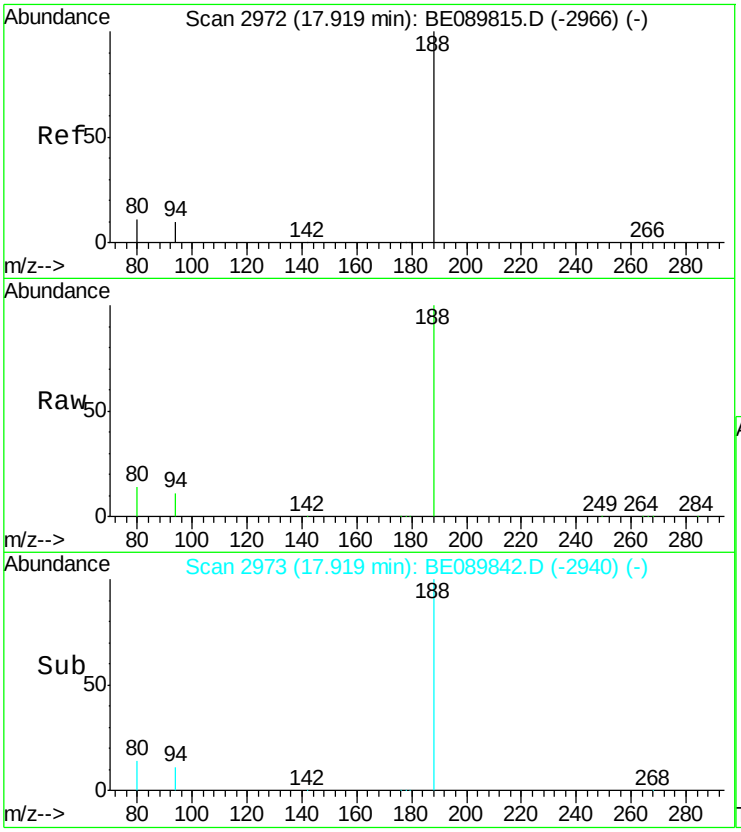


#9
2-Fluorobiphenyl
Concen: 9.07 ng
RT: 12.85 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:172 Resp: 814508

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.8	46.2
170	23.3	21.0	31.4



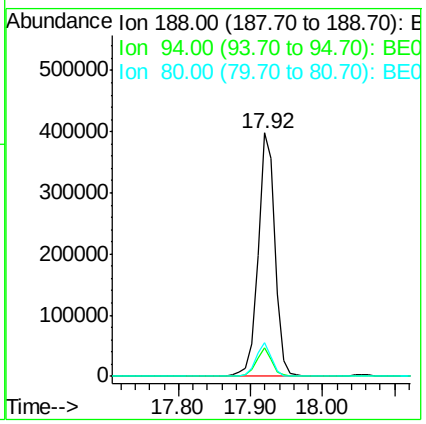


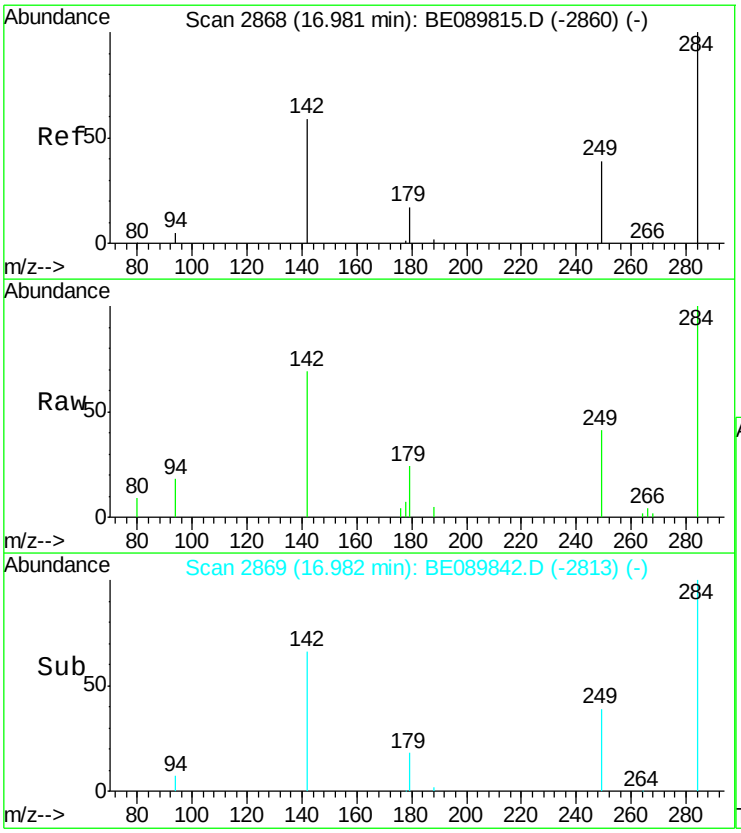
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.92 min Scan# 2973
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:188 Resp: 649601

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	13.7	10.0	15.0

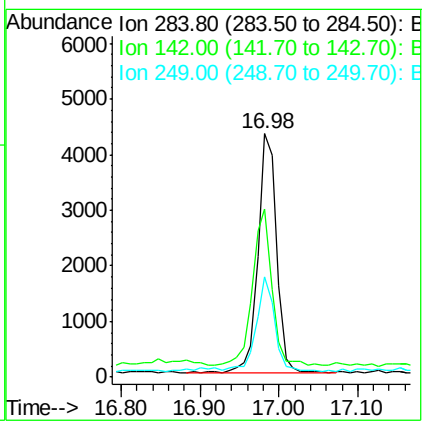


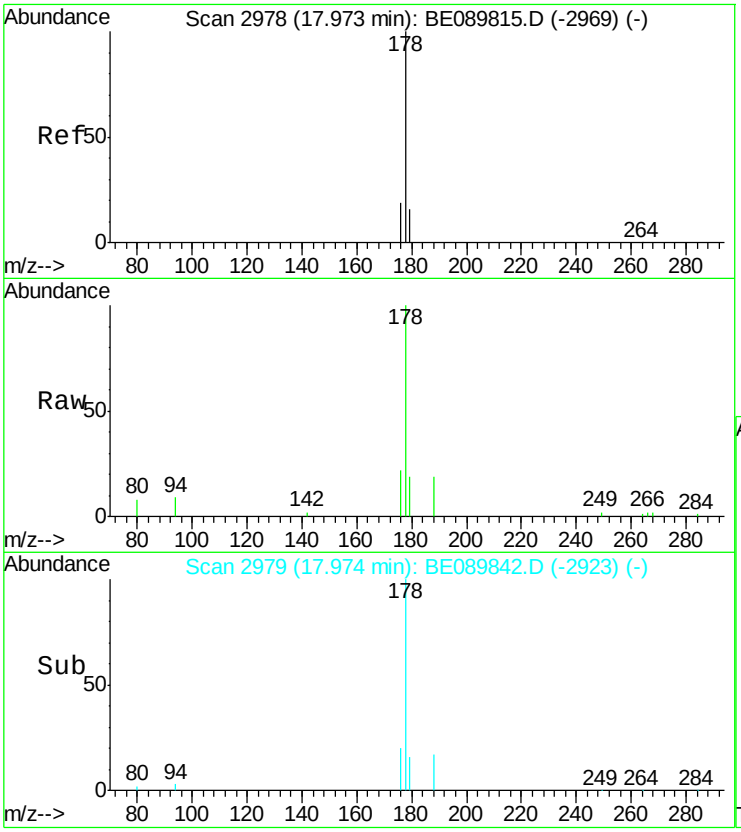


#14
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.98 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:284 Resp: 7195

Ion	Ratio	Lower	Upper
284	100		
142	68.2	53.3	79.9
249	38.1	31.1	46.7



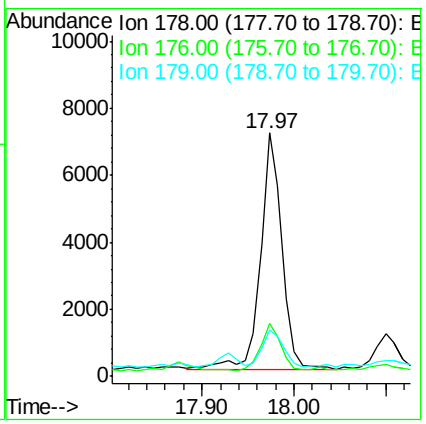


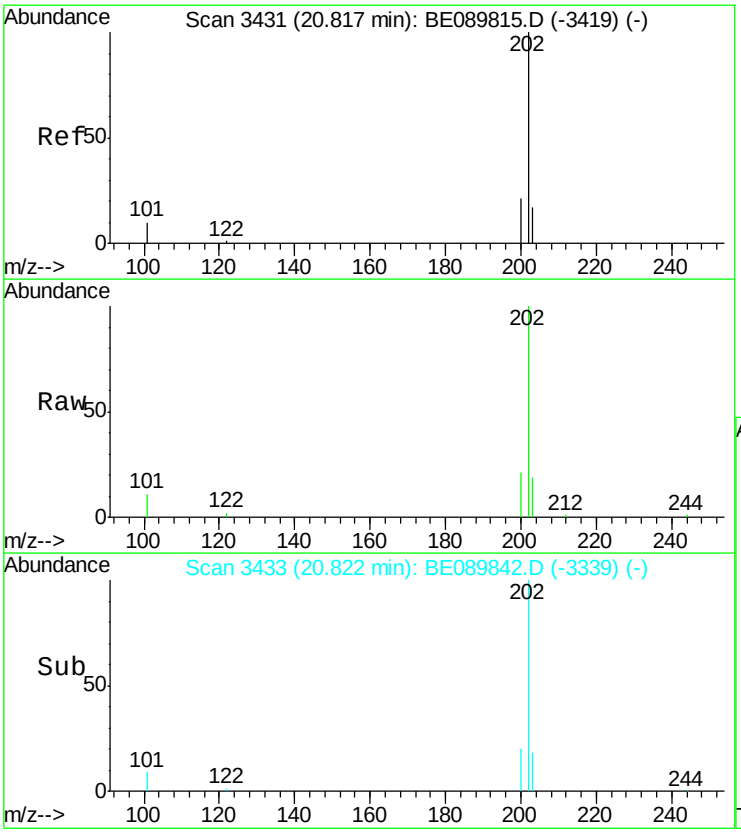
#16
Phenanthrene
Concen: 0.08 ng
RT: 17.97 min Scan# 2979
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:178 Resp: 11516

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	14.5	12.2	18.4

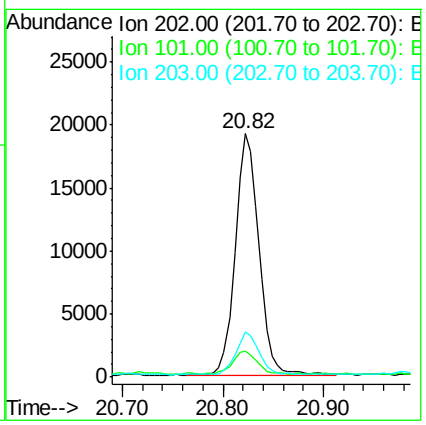


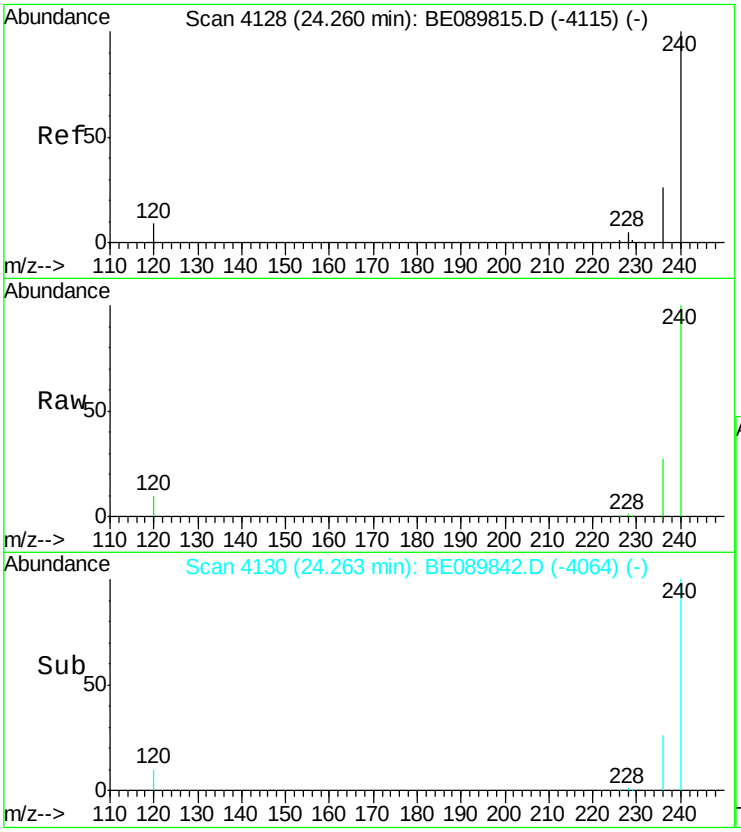


#18
Fluoranthene
Concen: 0.24 ng
RT: 20.82 min Scan# 3433
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:202 Resp: 31371

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.2
203	17.4	14.2	21.4



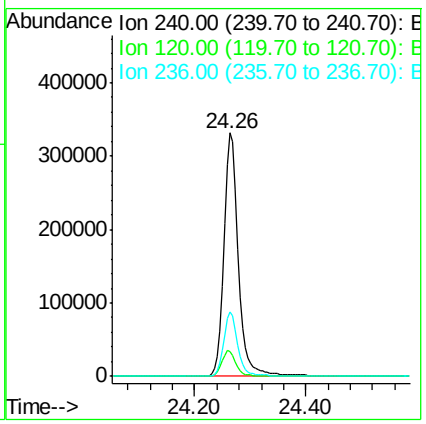


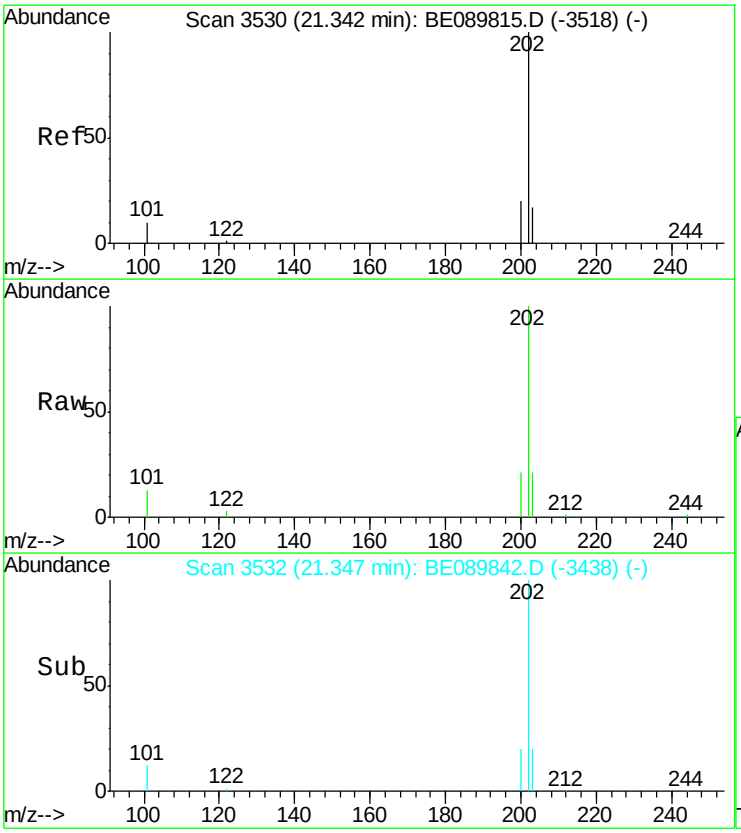
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.26 min Scan# 4130
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:240 Resp: 590912

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.5	11.3
236	26.5	20.5	30.7

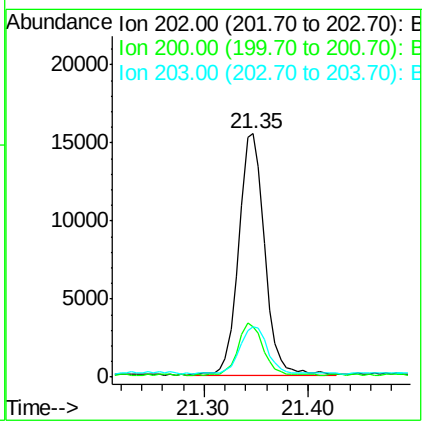


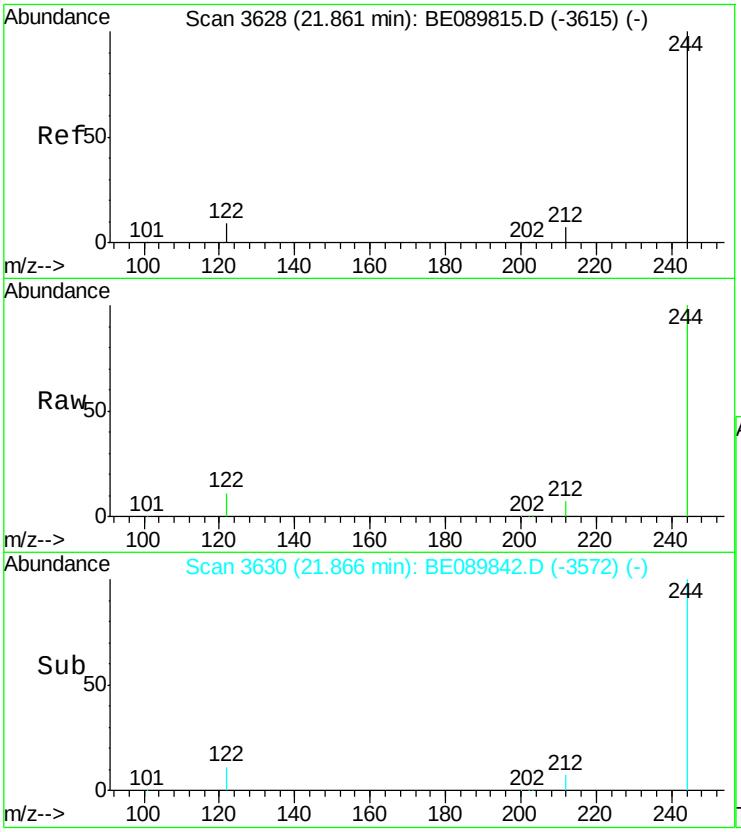


#20
Pyrene
Concen: 0.18 ng
RT: 21.35 min Scan# 3532
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:202 Resp: 26547

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.9	23.9
203	21.0	13.6	20.4#



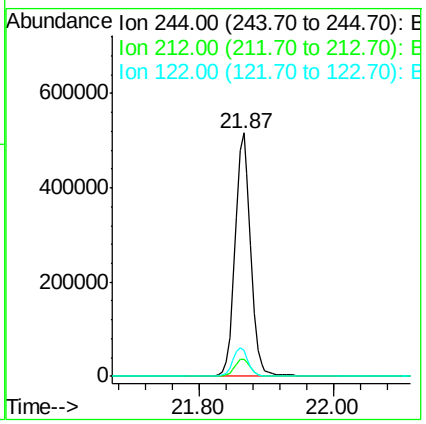


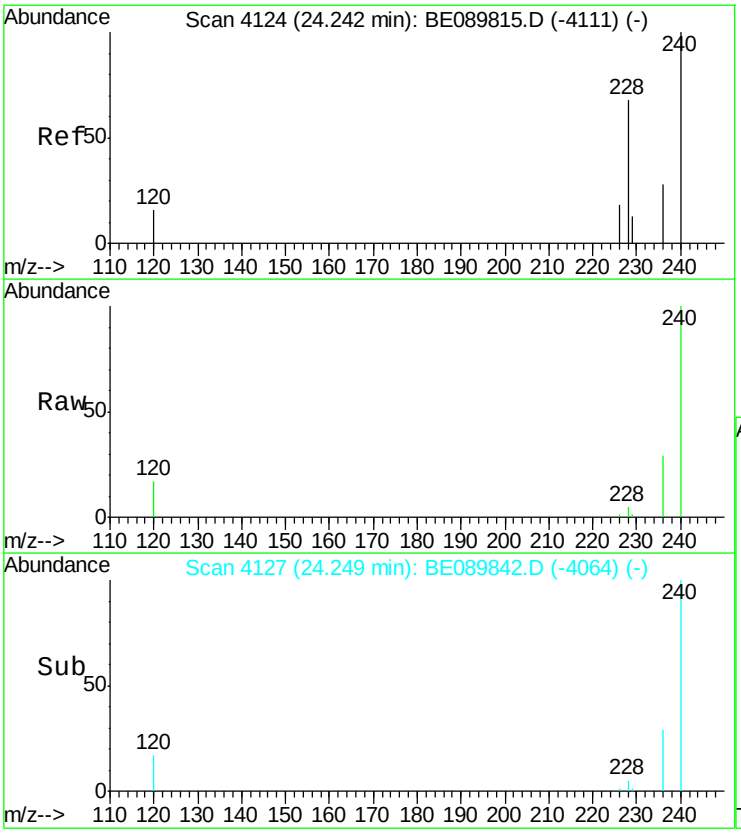
#21
Terphenyl-d14
Concen: 9.60 ng
RT: 21.87 min Scan# 3630
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:244 Resp: 836545

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.3	10.9#
122	10.7	10.5	15.7

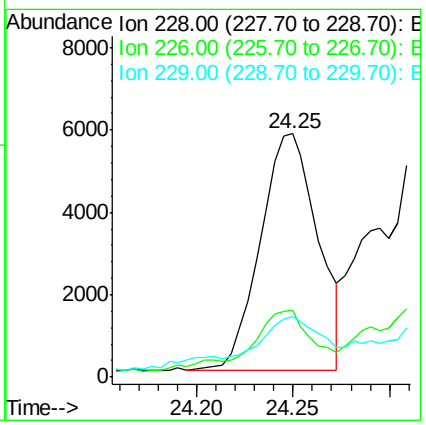


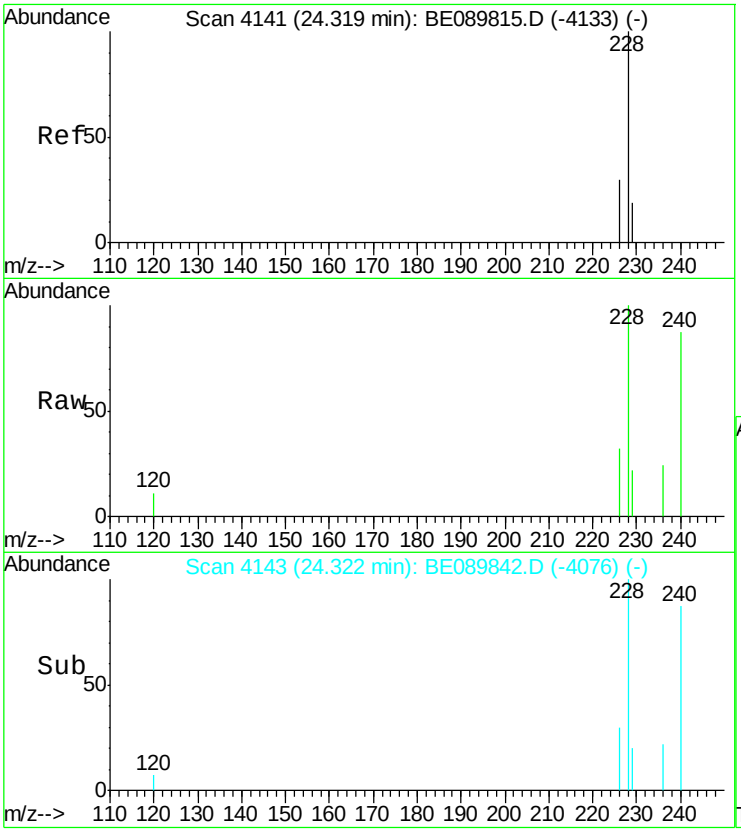


#22
Benzo(a)anthracene
Concen: 0.11 ng
RT: 24.25 min Scan# 4127
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:228 Resp: 11909

Ion	Ratio	Lower	Upper
228	100		
226	27.6	19.8	29.8
229	24.9	16.3	24.5#



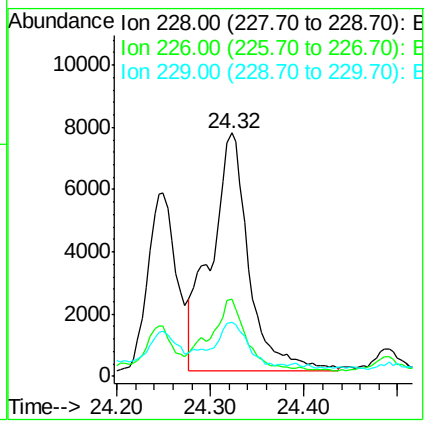


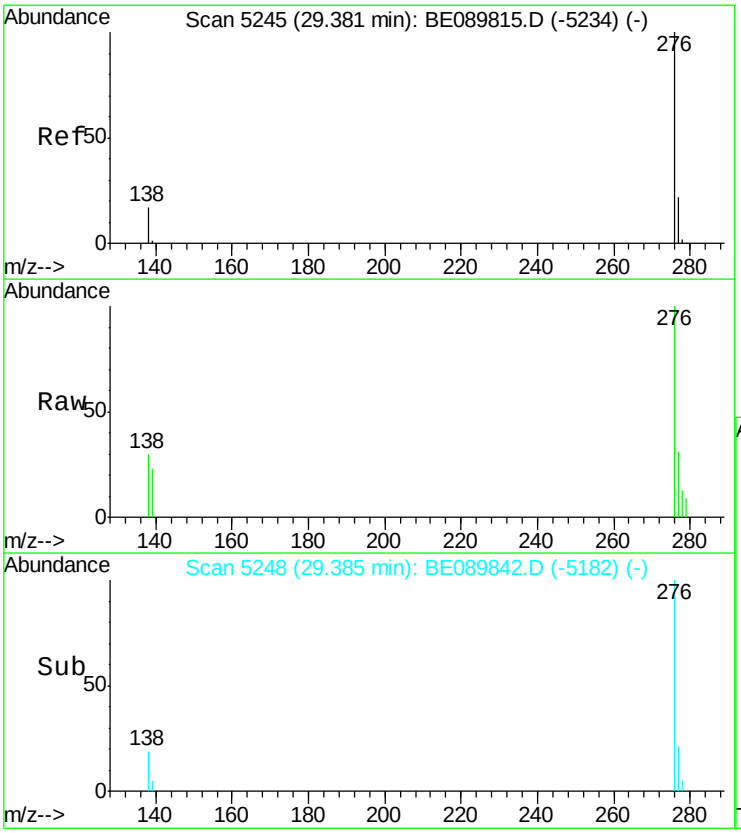
#23
Chrysene
Concen: 0.18 ng
RT: 24.32 min Scan# 4143
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:228 Resp: 21502

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.4
229	22.0	15.8	23.6

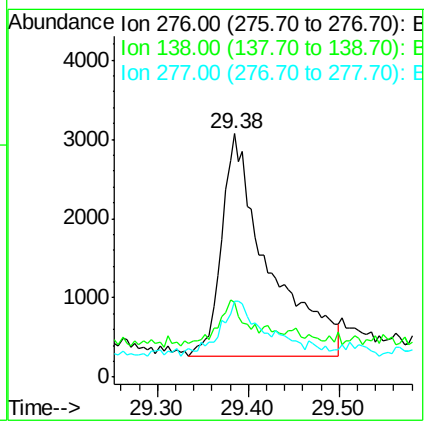


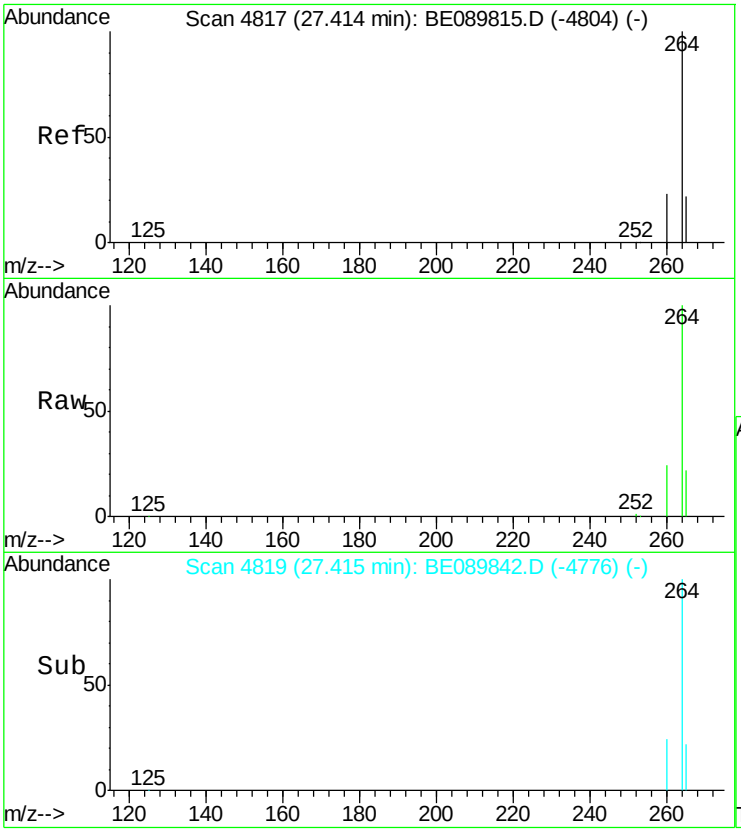


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng
RT: 29.38 min Scan# 5248
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:276 Resp: 10017

Ion	Ratio	Lower	Upper
276	100		
138	10.7	4.3	6.5#
277	19.8	9.0	13.4#



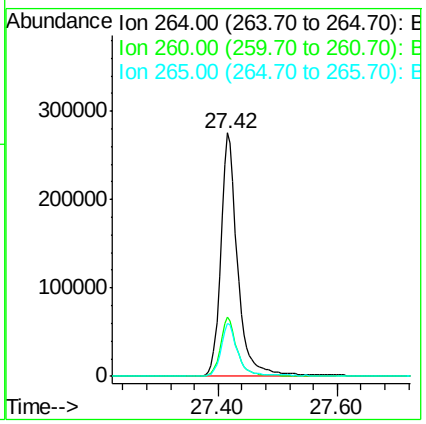


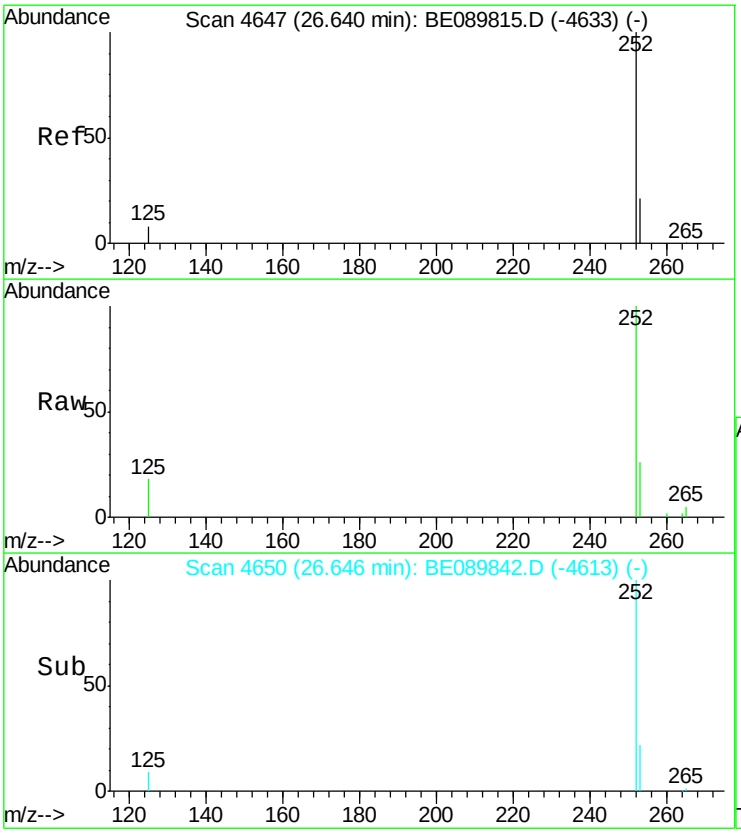
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.42 min Scan# 4819
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:264 Resp: 544034

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	21.7	17.3	25.9

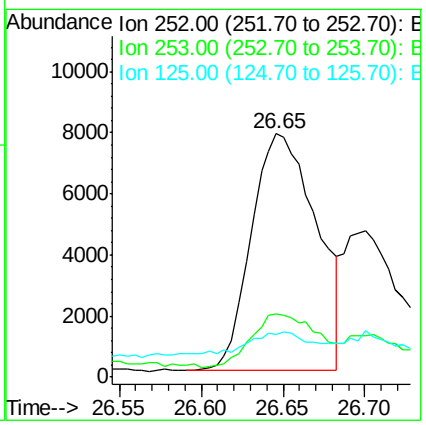


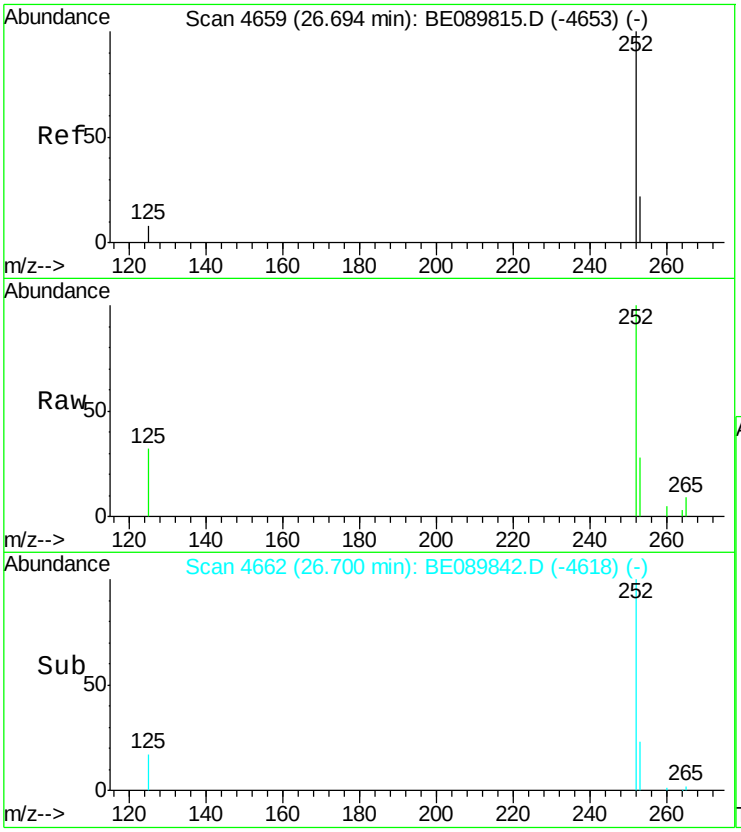


#26
Benzo(b)fluoranthene
Concen: 0.49 ng
RT: 26.65 min Scan# 4650
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:252 Resp: 21532

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	17.6	8.7	13.1#



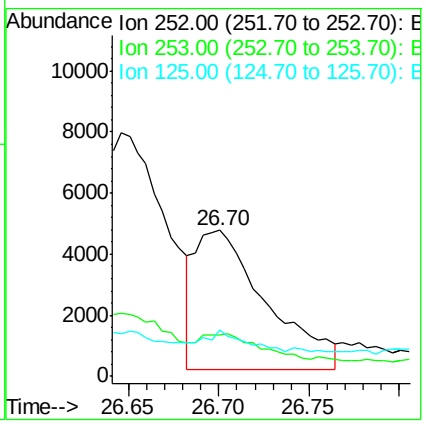


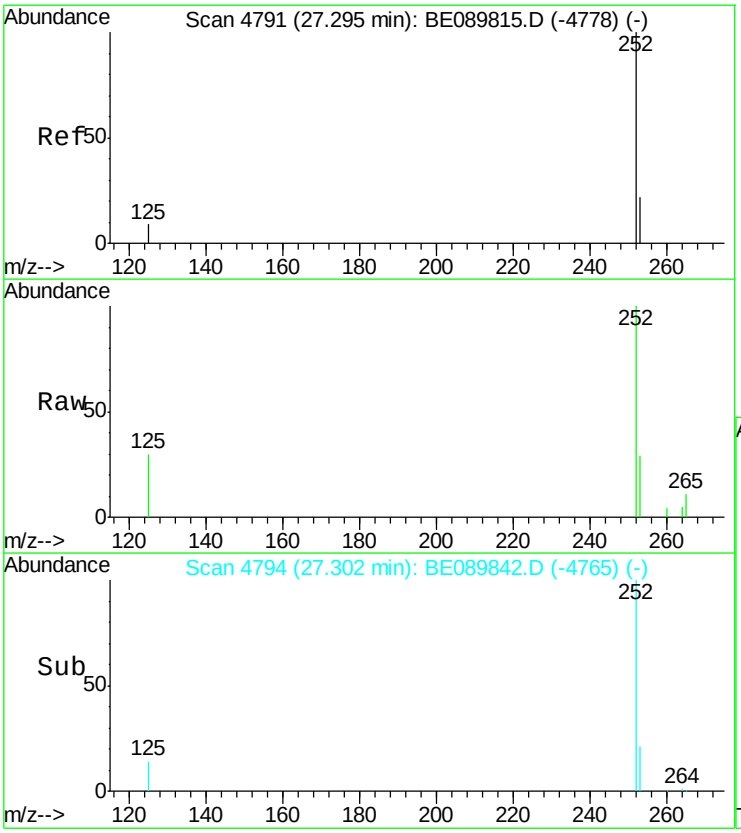
#27
Benzo(k)fluoranthene
Concen: 0.11 ng m
RT: 26.70 min Scan# 4662
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:252 Resp: 12578

Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.6	28.0
125	31.6	10.8	16.2#

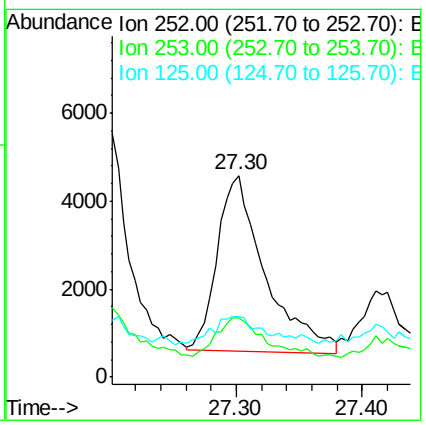


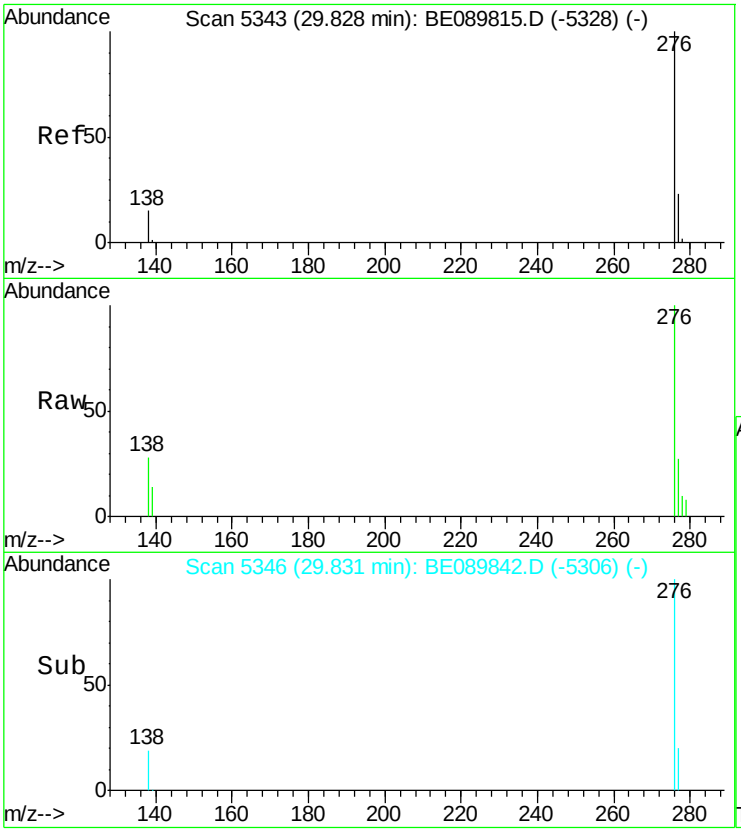


#28
Benzo(a)pyrene
Concen: 0.39 ng
RT: 27.30 min Scan# 4794
Delta R.T. 0.00 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Tgt Ion:252 Resp: 10529

Ion	Ratio	Lower	Upper
252	100		
253	29.3	21.0	31.4
125	30.2	13.3	19.9#





#30
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 29.83 min Scan# 5346
Delta R.T. 0.01 min
Lab File: BE089842.D
Acq: 25 Mar 2015 18:06

Instrument :
BNA_E
ClientSampleId :
RW-10V

Tgt Ion:276 Resp: 13021

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	27.7	22.9	34.3