Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE022615\
Data File : BE089694.D
Acq On : 26 Feb 2015 16:16
Operator : TP/JJ
Sample : PB81860BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81860BSD

Quant Time: Feb 27 15:32:59 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE022415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 25 14:06:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	63033	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	272755	5.00	ng		0.00
8) Acenaphthene-d10	16.42	164	123754	5.00	ng		0.01
13) Phenanthrene-d10	19.77	188	214275	5.00	ng		0.00
19) Chrysene-d12	23.65	240	182766	5.00	ng		0.00
25) Perylene-d12	25.34	264	137146	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.60	82	139387	8.61	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	238119	8.65	ng		0.00
21) Terphenyl-d14	22.30	244	210728	9.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	59006	7.47	ng		98
3) n-Nitrosodimethylamine	3.31	42	82525	7.83	ng		96
6) Naphthalene	12.29	128	394878	7.48	ng		99
7) 2-Methylnaphthalene	13.94	142	240843	8.03	ng		96
10) Acenaphthylene	16.07	152	1442534	8.12	ng		100
11) Acenaphthene	16.49	154	211856	7.53	ng		97
12) Fluorene	17.74	166	246989	7.91	ng		100
14) Hexachlorobenzene	18.99	284	44837	8.08	ng		97
15) Pentachlorophenol	19.43	266	34798	13.53	ng		92
16) Phenanthrene	19.81	178	348260	7.62	ng		100
17) Anthracene	19.91	178	352721	9.07	ng		100
18) Fluoranthene	21.72	202	343188	8.99	ng		99
20) Pyrene	22.03	202	374252	8.47	ng		99
22) Benzo(a)anthracene	23.64	228	1161666	9.66	ng		96
23) Chrysene	23.68	228	1237390	7.47	ng		98
24) Indeno(1,2,3-cd)pyrene	26.74	276	871903	7.22	ng	#	46
26) Benzo(b)fluoranthene	24.91	252	192341	7.92	ng		96
27) Benzo(k)fluoranthene	24.94	252	301975	8.77	ng		98
28) Benzo(a)pyrene	25.27	252	202641	7.32	ng		95
29) Dibenzo(a,h)anthracene	26.77	278	178703	7.34	ng	#	88
30) Benzo(g,h,i)perylene	27.16	276	774540	11.81	ng		93

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

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Acq On : 26 Feb 2015 16:16
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Misc :
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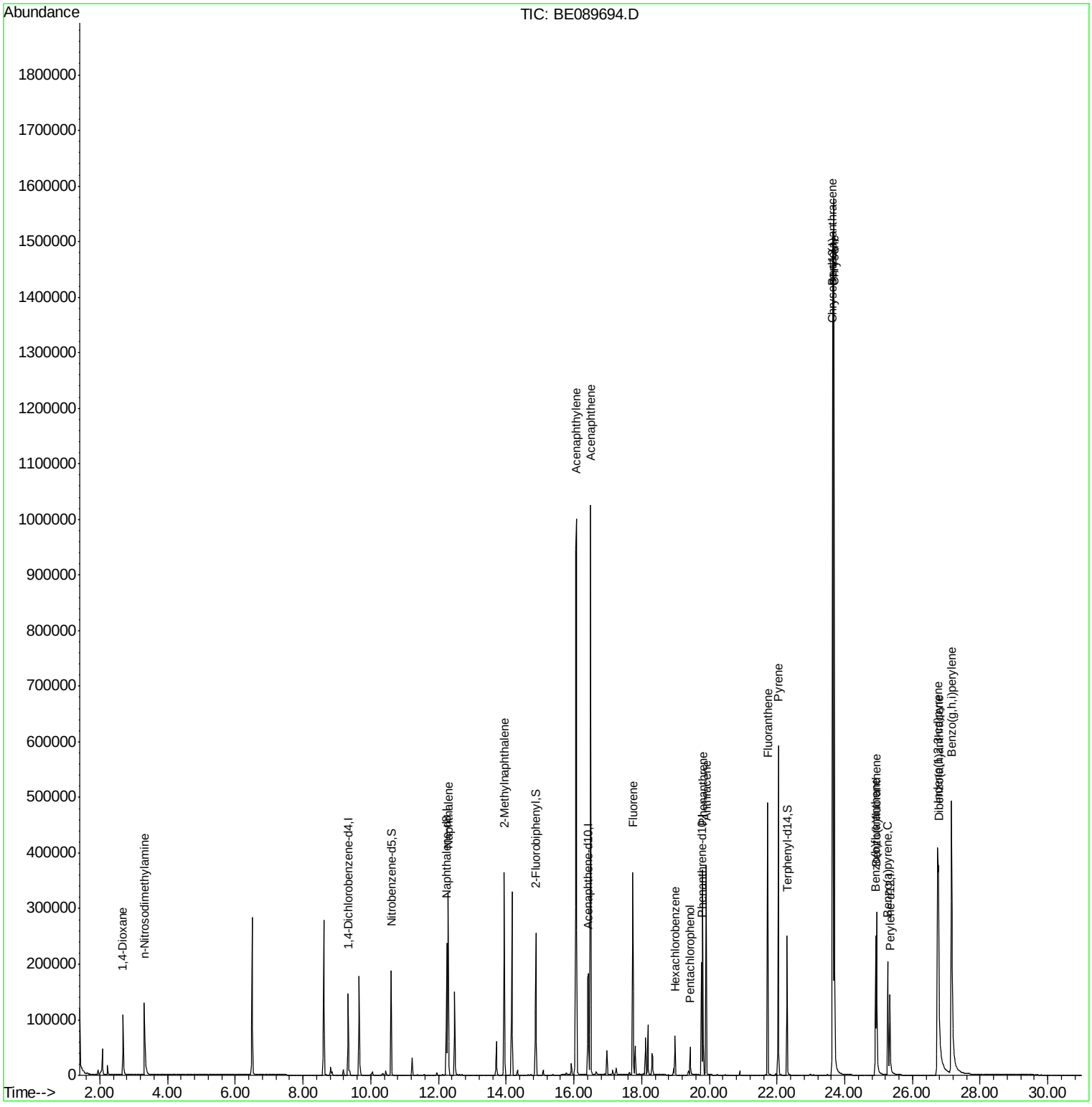
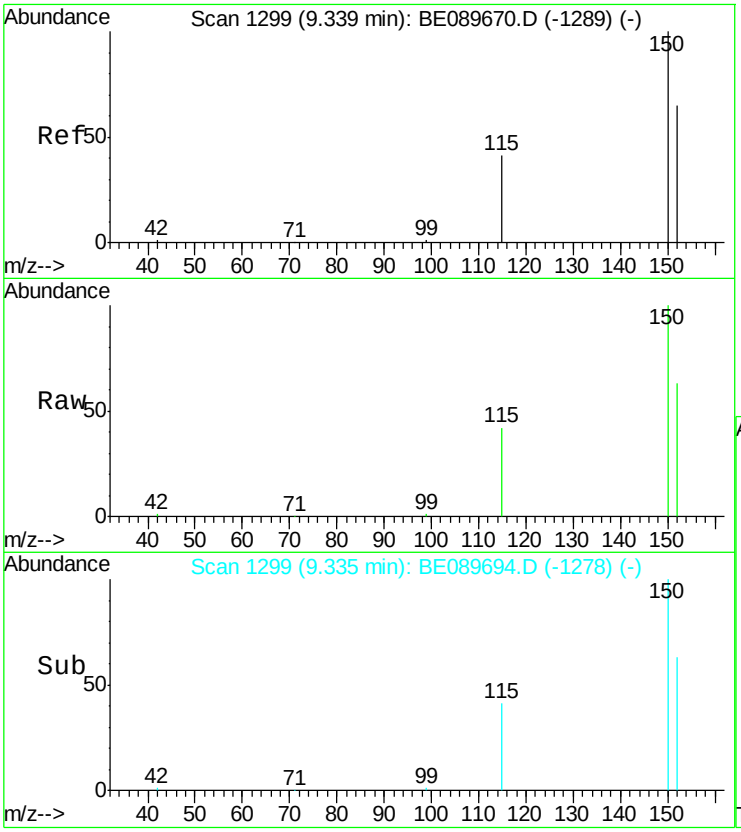


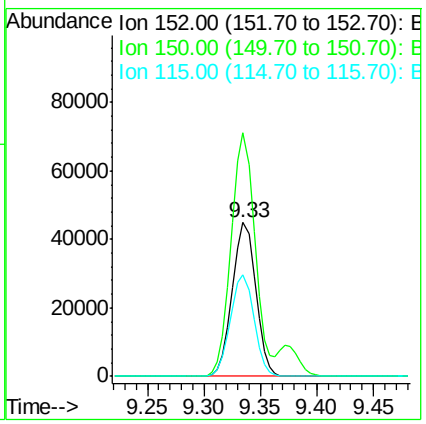


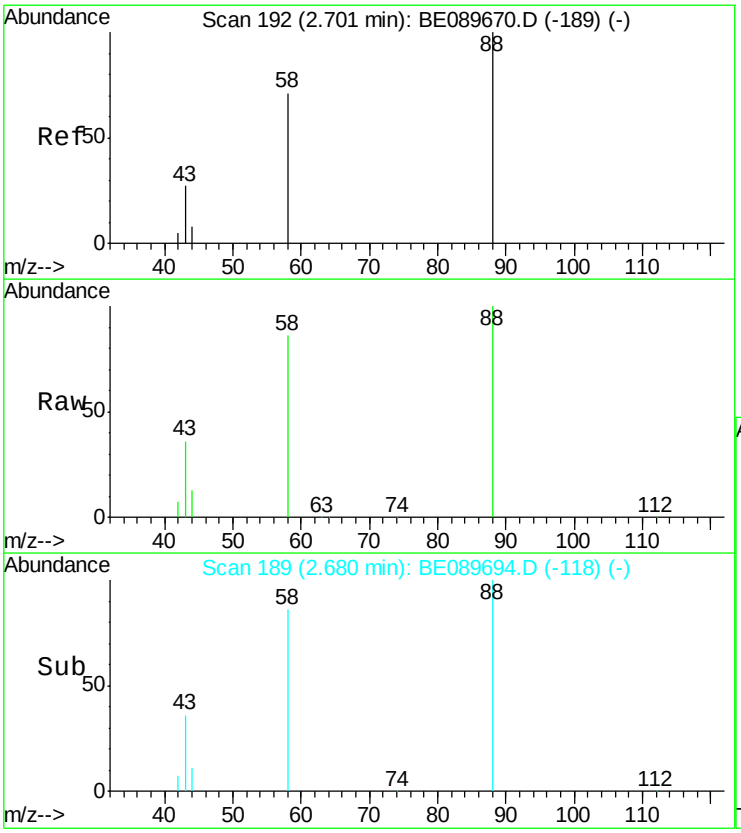
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.33 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:152 Resp: 63033

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.4	185.0
115	65.8	50.8	76.2

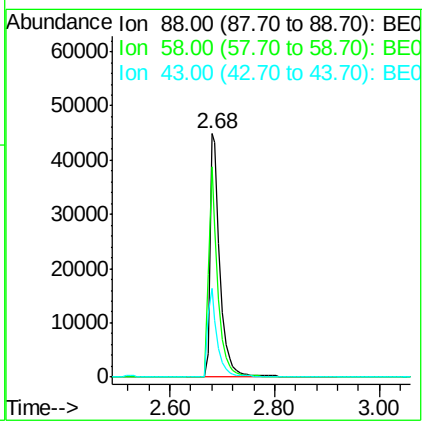


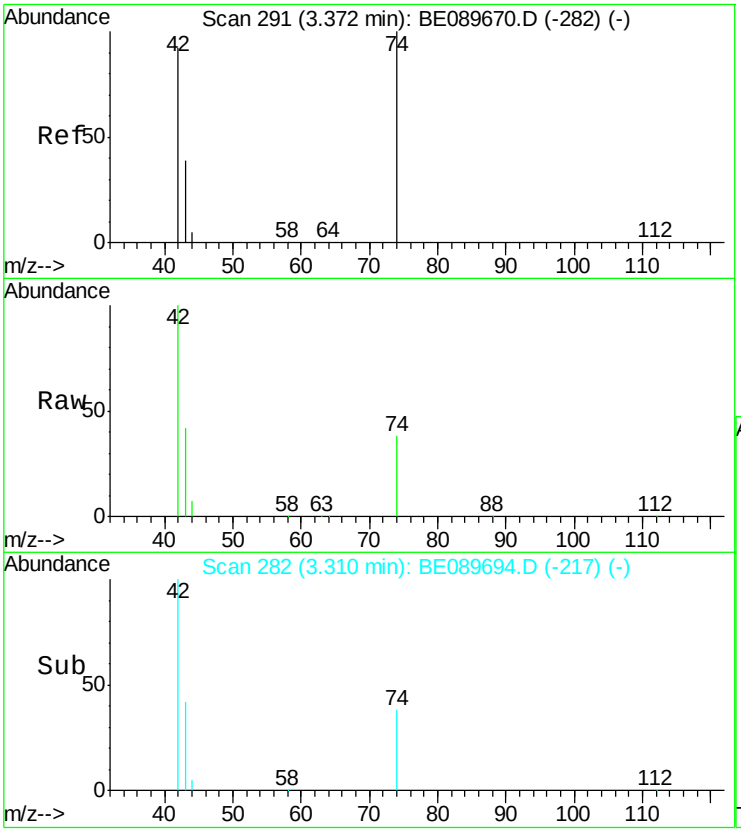


#2
1,4-Dioxane
Concen: 7.47 ng
RT: 2.68 min Scan# 189
Delta R.T. -0.02 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion: 88 Resp: 59006

Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.4	93.6
43	34.1	26.6	40.0



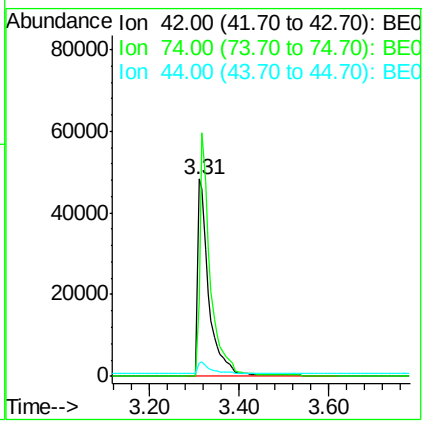


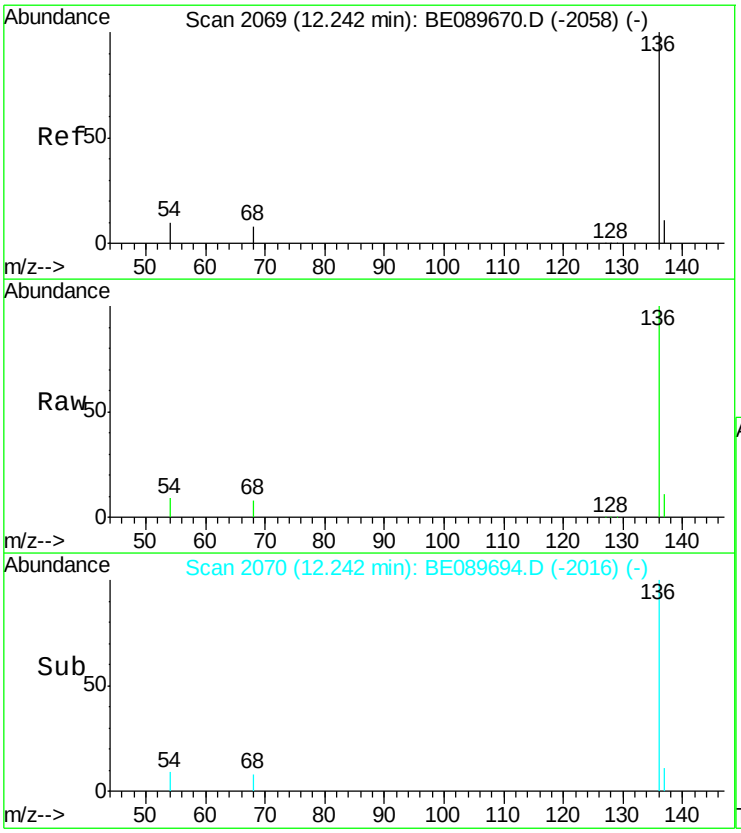
#3
n-Nitrosodimethylamine
Concen: 7.83 ng
RT: 3.31 min Scan# 282
Delta R.T. -0.06 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion: 42 Resp: 82525

Ion	Ratio	Lower	Upper
42	100		
74	117.9	91.1	136.7
44	6.3	4.7	7.1

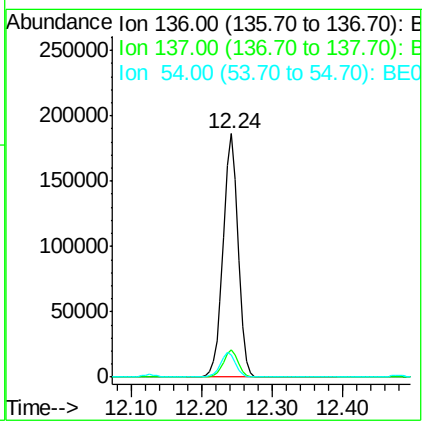


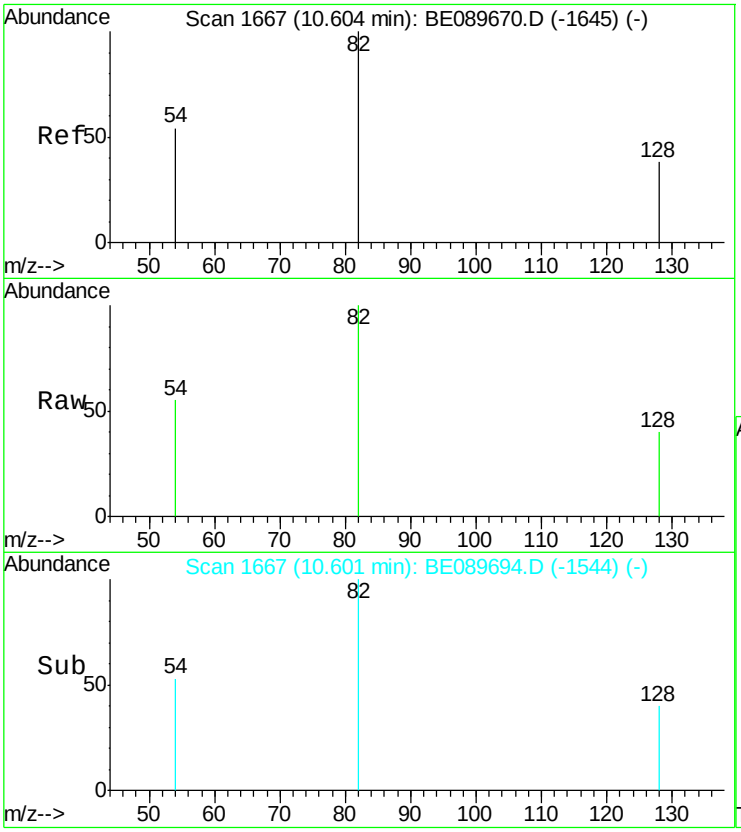


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:136 Resp: 272755

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.3	7.8	11.8



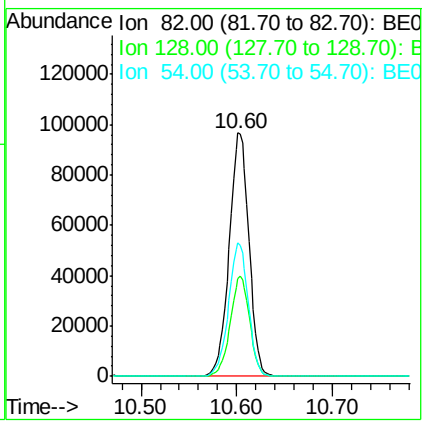


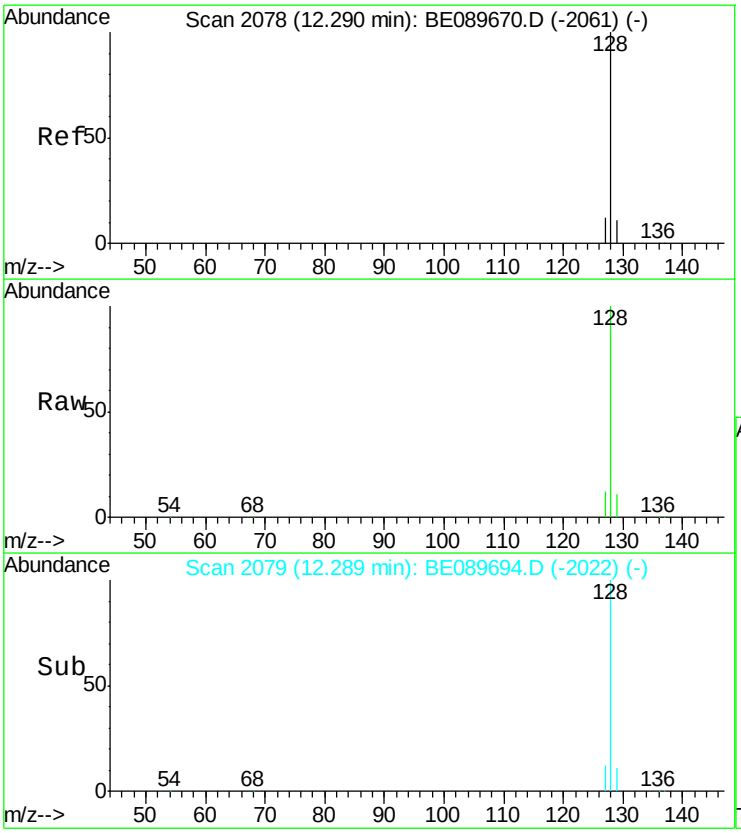
#5
Nitrobenzene-d5
Concen: 8.61 ng
RT: 10.60 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion: 82 Resp: 139387

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.6	46.0
54	54.7	43.6	65.4

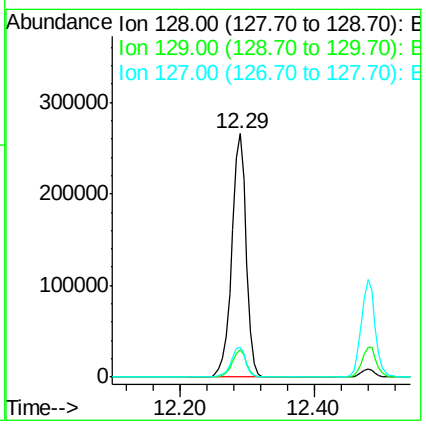


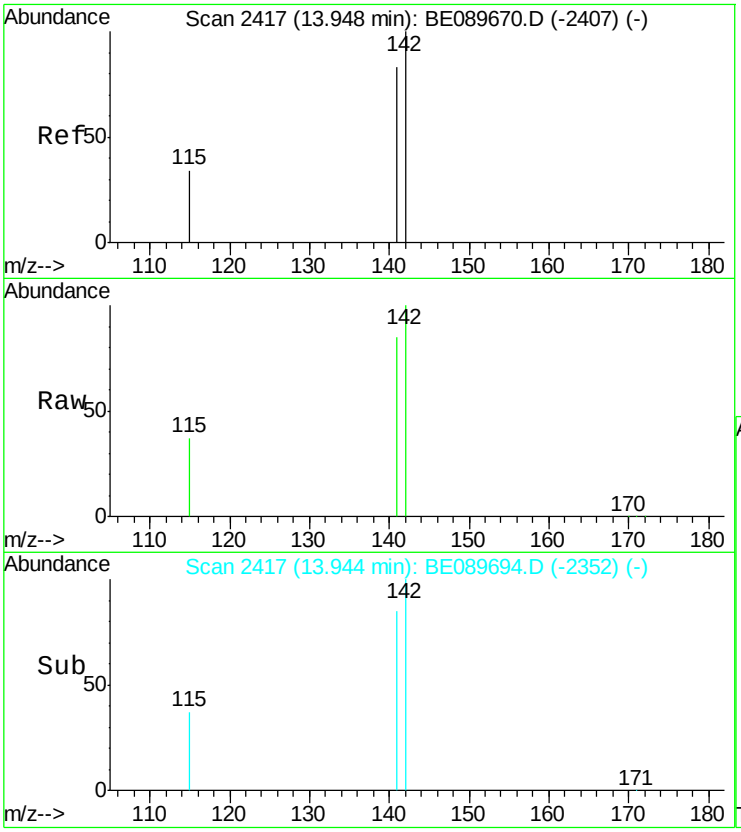


#6
Naphthalene
Concen: 7.48 ng
RT: 12.29 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:128 Resp: 394878

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.4	9.7	14.5



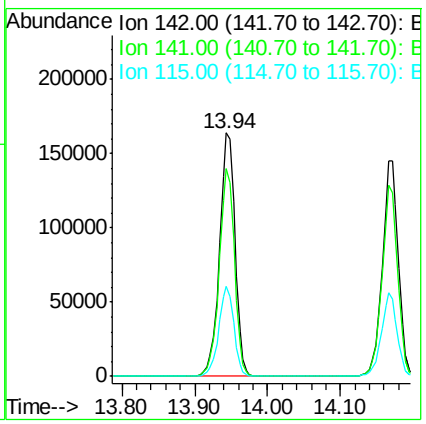


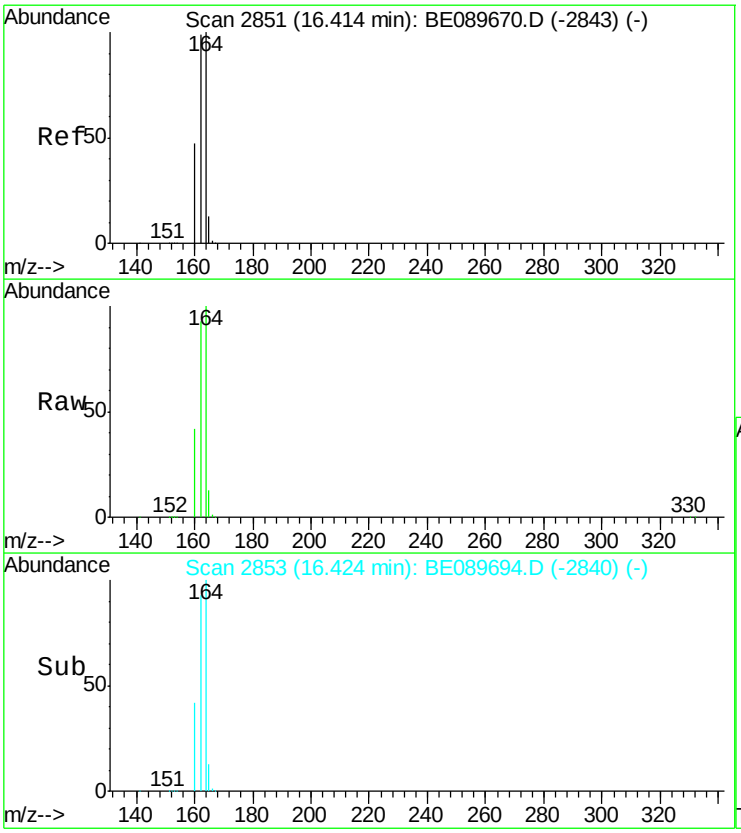
#7
2-Methylnaphthalene
Concen: 8.03 ng
RT: 13.94 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:142 Resp: 240843

Ion	Ratio	Lower	Upper
142	100		
141	85.3	66.0	99.0
115	37.2	27.4	41.0

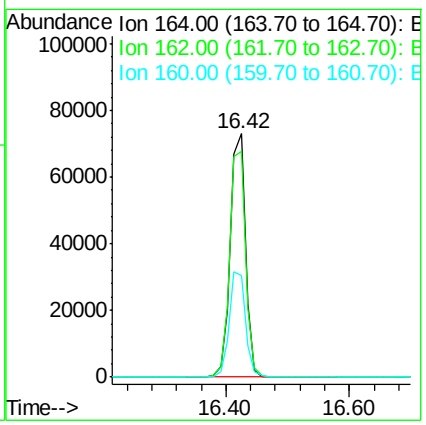


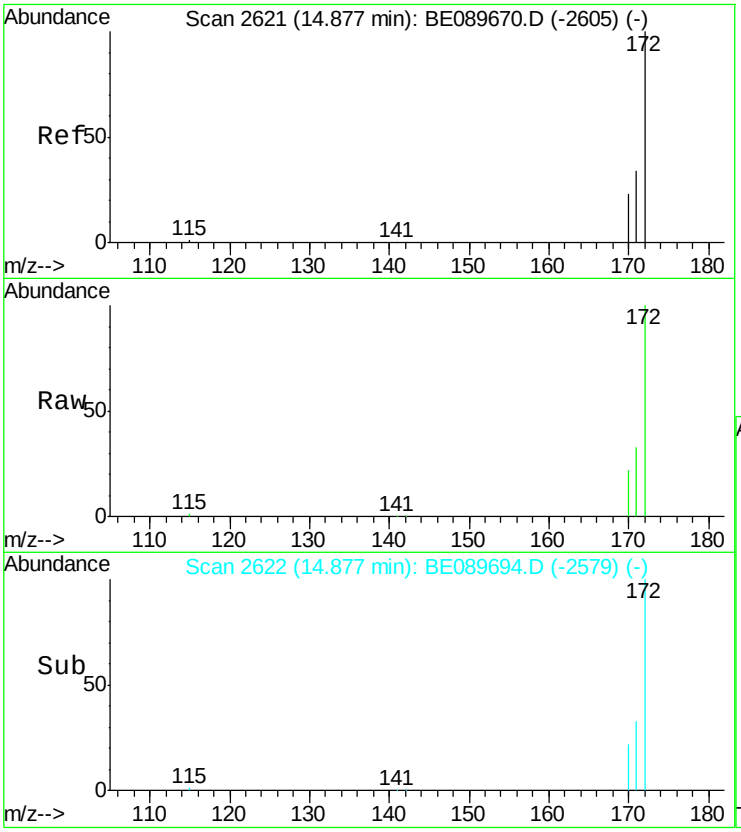


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2853
Delta R.T. 0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:164 Resp: 123754

Ion	Ratio	Lower	Upper
164	100		
162	92.7	79.4	119.2
160	41.9	37.6	56.4



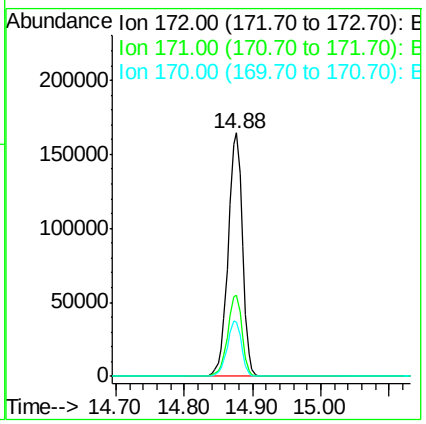


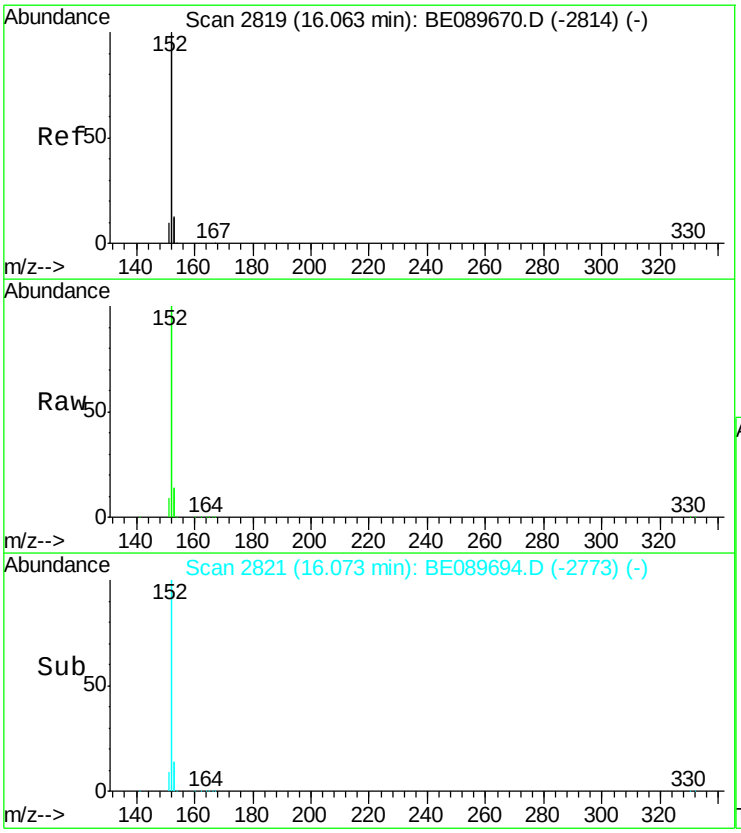
#9
2-Fluorobiphenyl
Concen: 8.65 ng
RT: 14.88 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:172 Resp: 238119

Ion	Ratio	Lower	Upper
172	100		
171	33.1	27.3	40.9
170	22.1	18.5	27.7

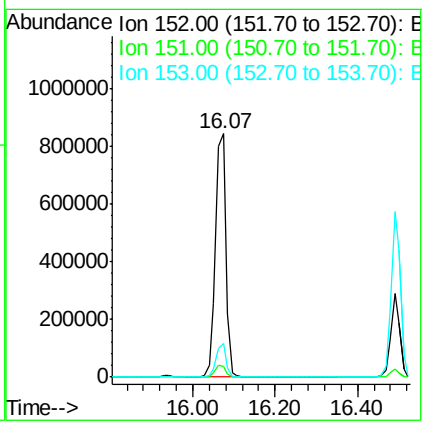


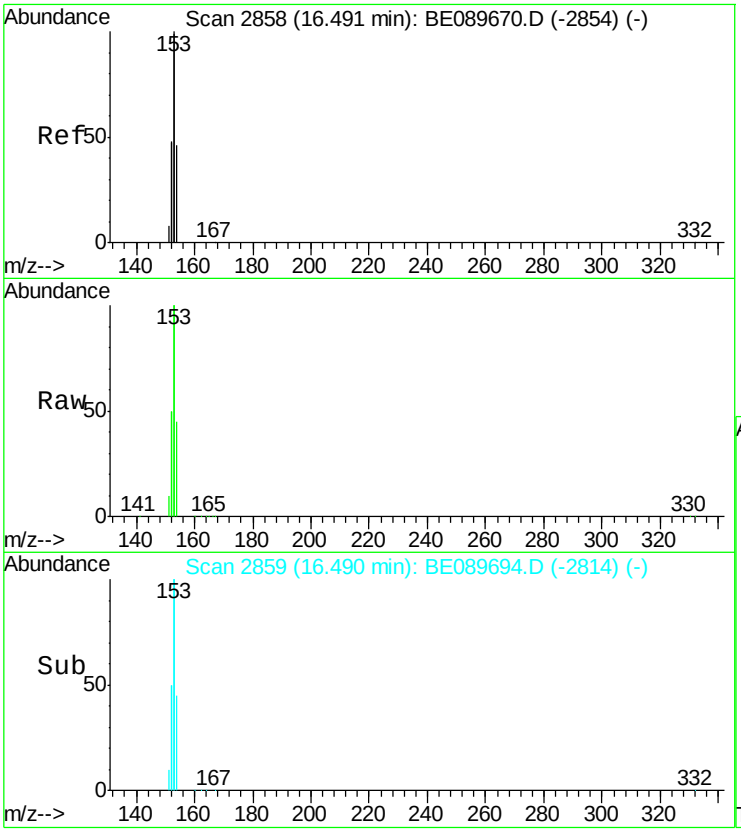


#10
Acenaphthylene
Concen: 8.12 ng
RT: 16.07 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:152 Resp: 1442534

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.8	5.6
153	13.1	10.4	15.6



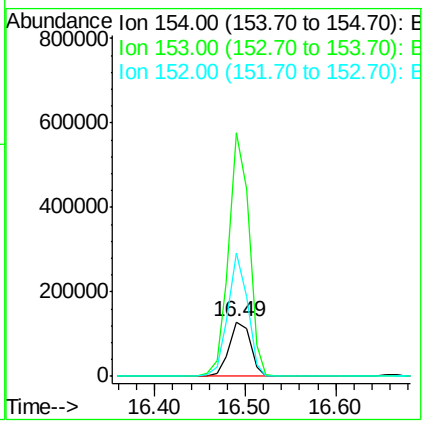


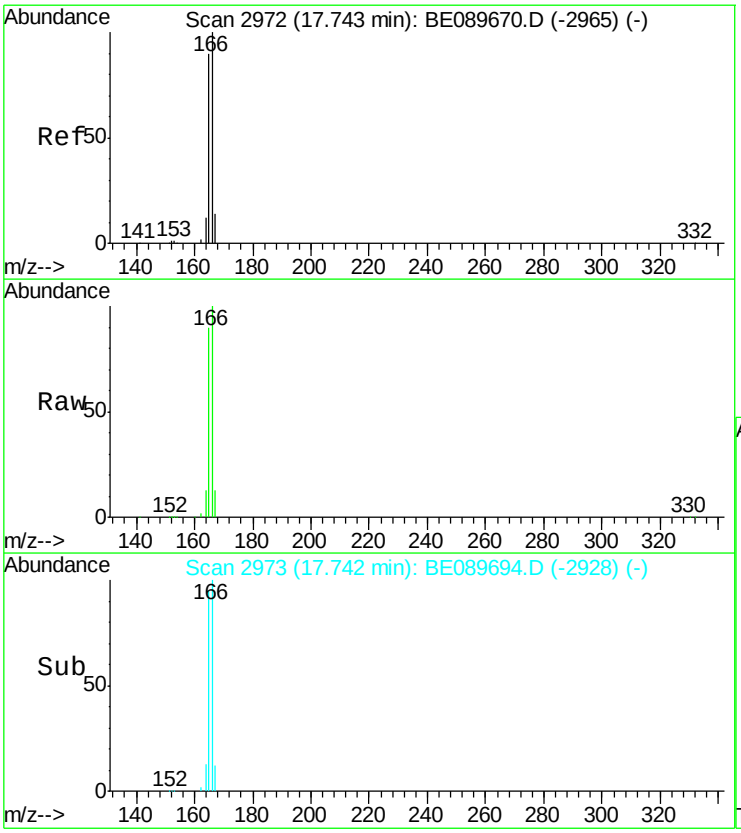
#11
Acenaphthene
Concen: 7.53 ng
RT: 16.49 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:154 Resp: 211856

Ion	Ratio	Lower	Upper
154	100		
153	425.7	345.8	518.8
152	206.6	168.6	252.8

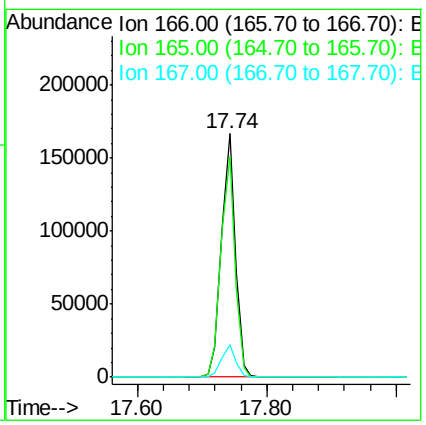


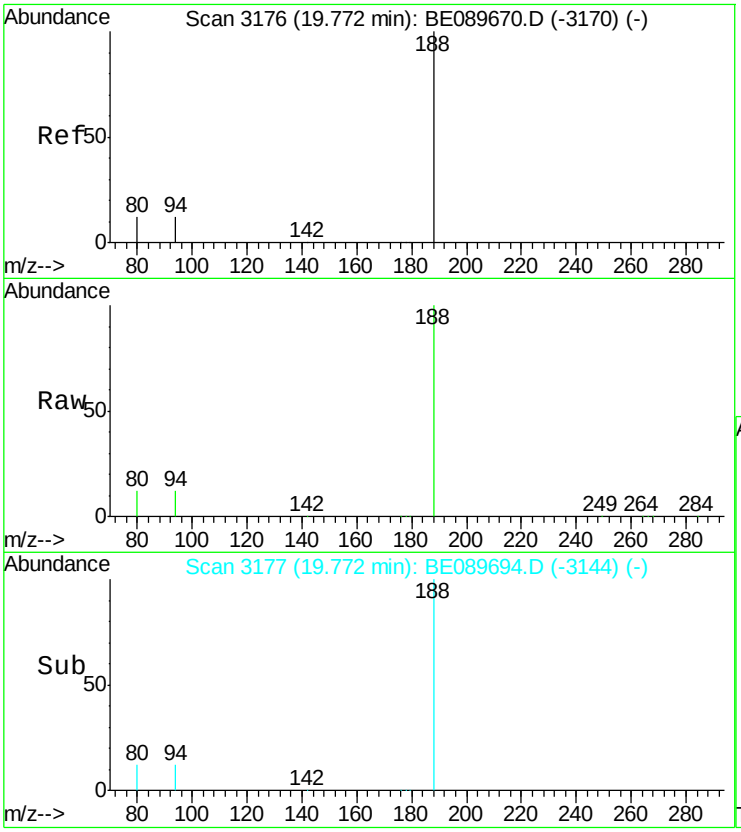


#12
Fluorene
Concen: 7.91 ng
RT: 17.74 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:166 Resp: 246989

Ion	Ratio	Lower	Upper
166	100		
165	91.9	73.6	110.4
167	13.3	10.6	16.0



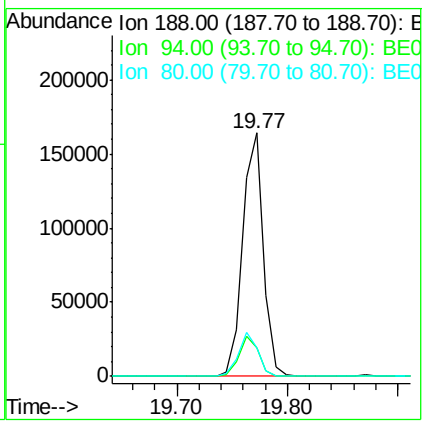


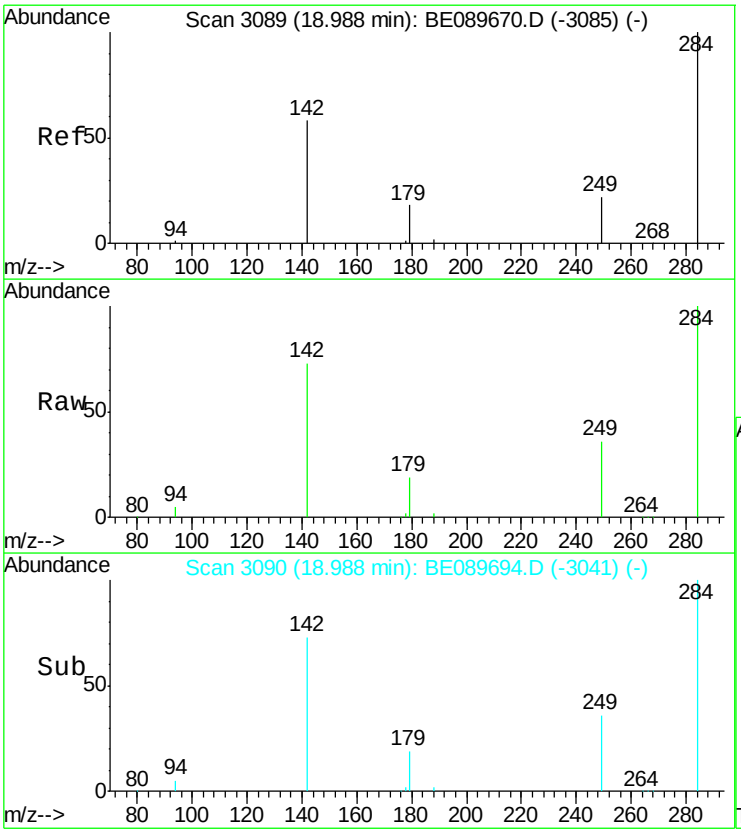
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:188 Resp: 214275

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.6	9.5	14.3

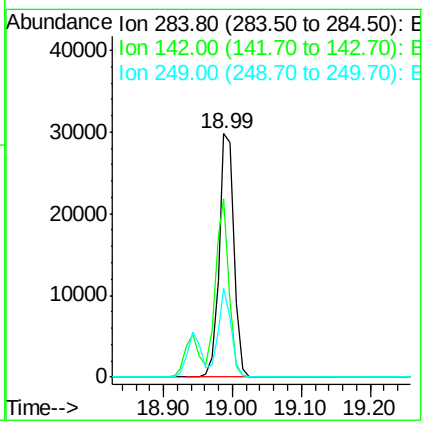


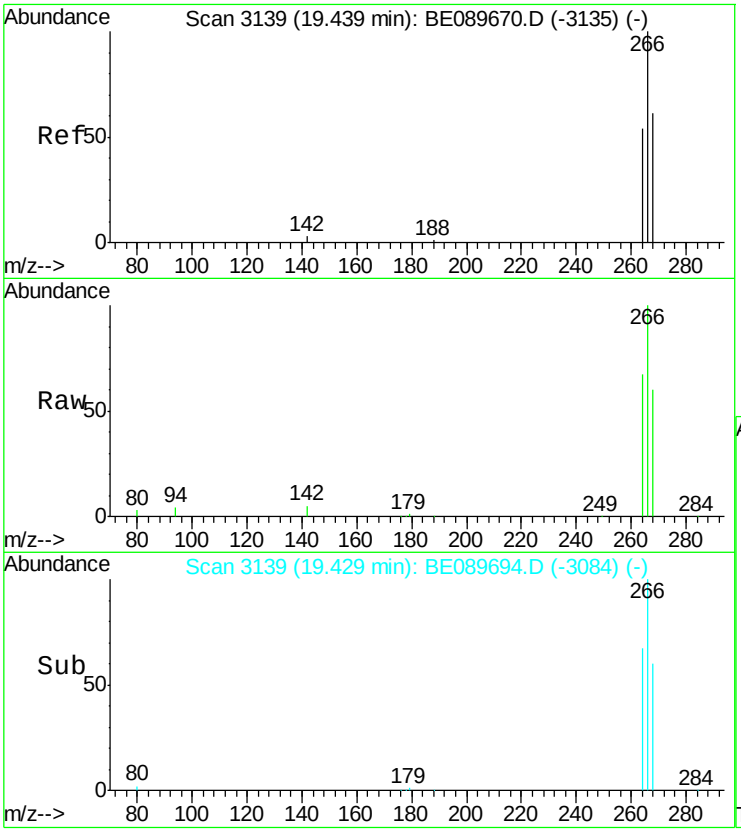


#14
Hexachlorobenzene
Concen: 8.08 ng
RT: 18.99 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:284 Resp: 44837

Ion	Ratio	Lower	Upper
284	100		
142	67.0	55.4	83.2
249	32.2	27.2	40.8



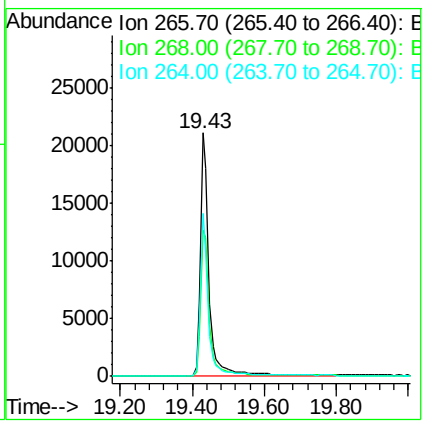


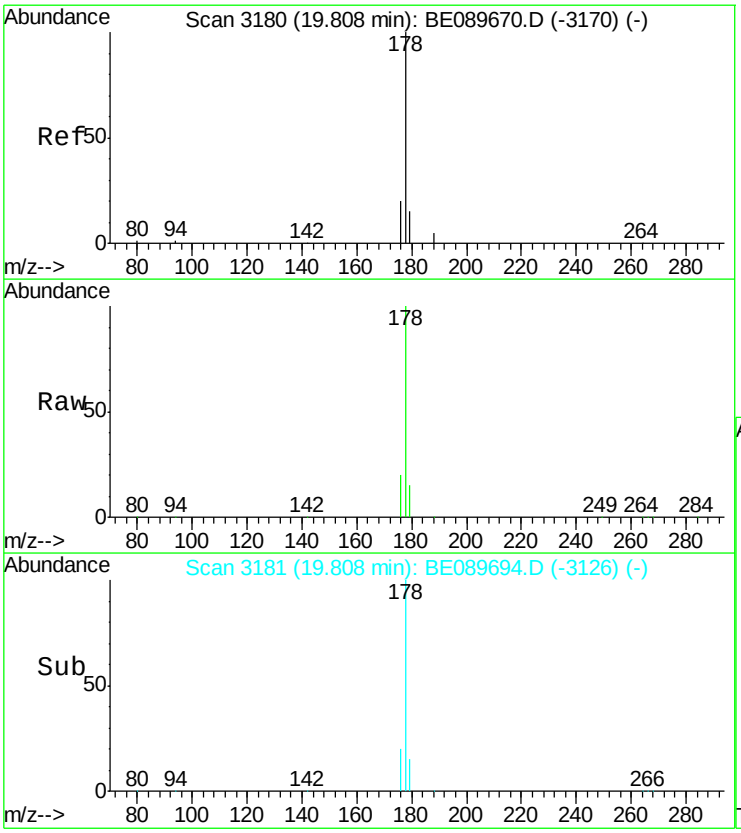
#15
Pentachlorophenol
Concen: 13.53 ng
RT: 19.43 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:266 Resp: 34798

Ion	Ratio	Lower	Upper
266	100		
268	60.3	56.3	84.5
264	66.8	51.8	77.8

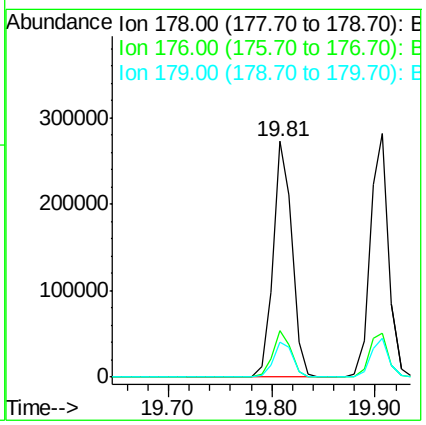


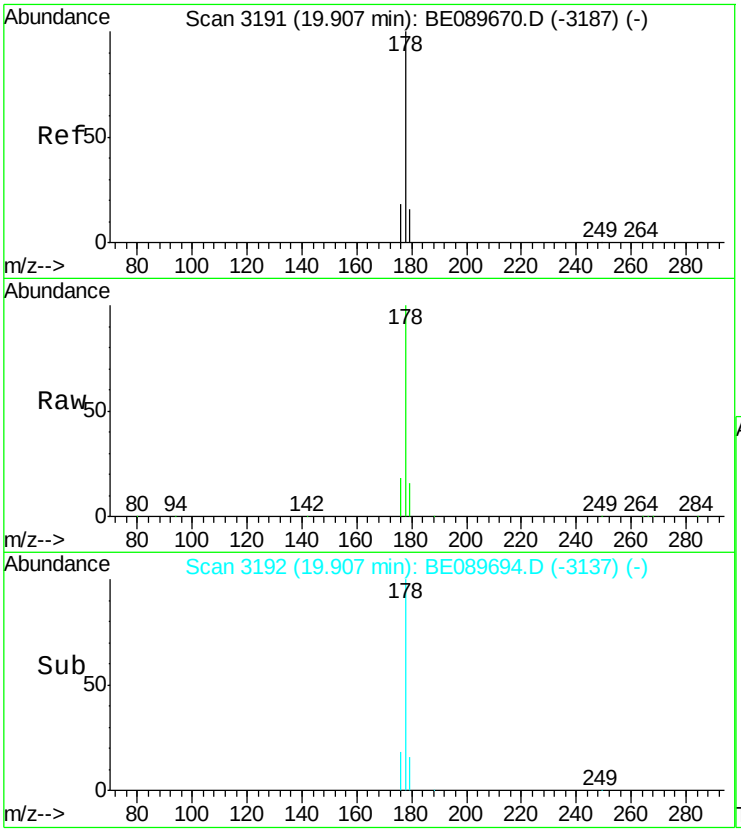


#16
Phenanthrene
Concen: 7.62 ng
RT: 19.81 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:178 Resp: 348260

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7



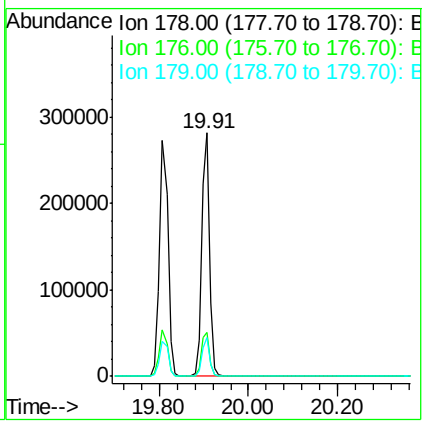


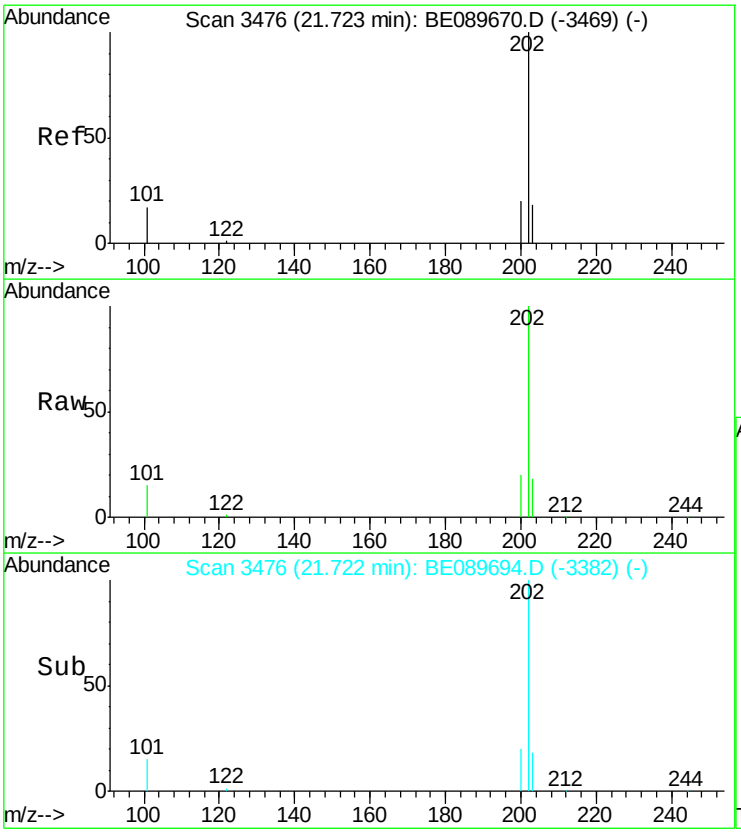
#17
Anthracene
Concen: 9.07 ng
RT: 19.91 min Scan# 3192
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:178 Resp: 352721

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.2	12.2	18.2

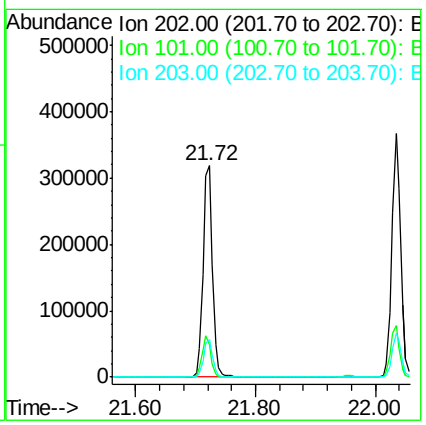


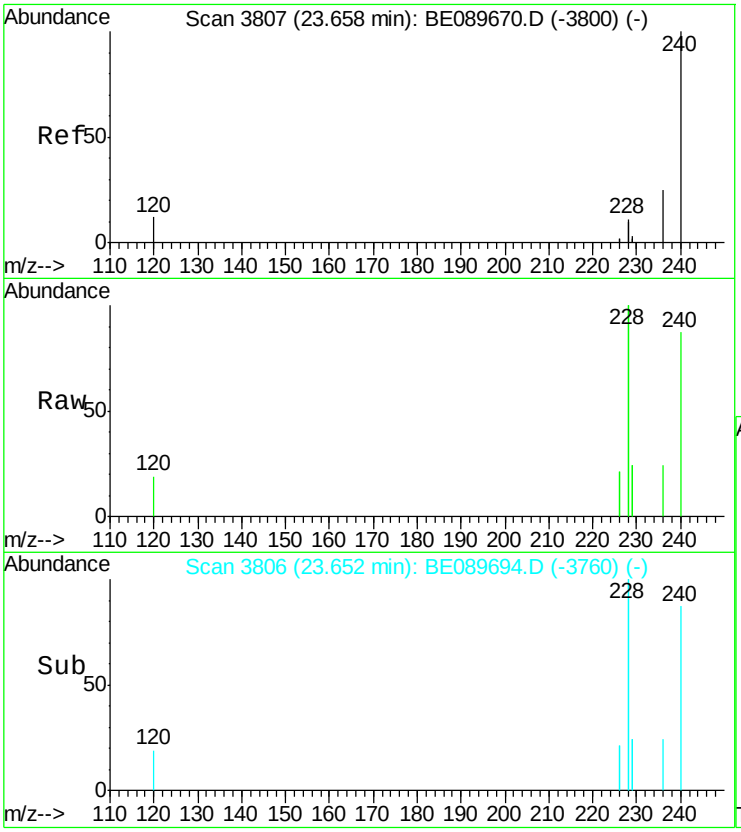


#18
Fluoranthene
Concen: 8.99 ng
RT: 21.72 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:202 Resp: 343188

Ion	Ratio	Lower	Upper
202	100		
101	18.3	14.9	22.3
203	17.5	13.8	20.6



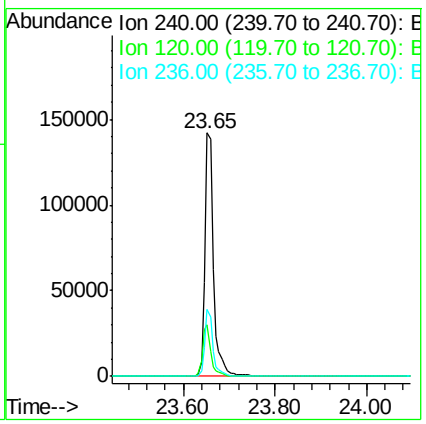


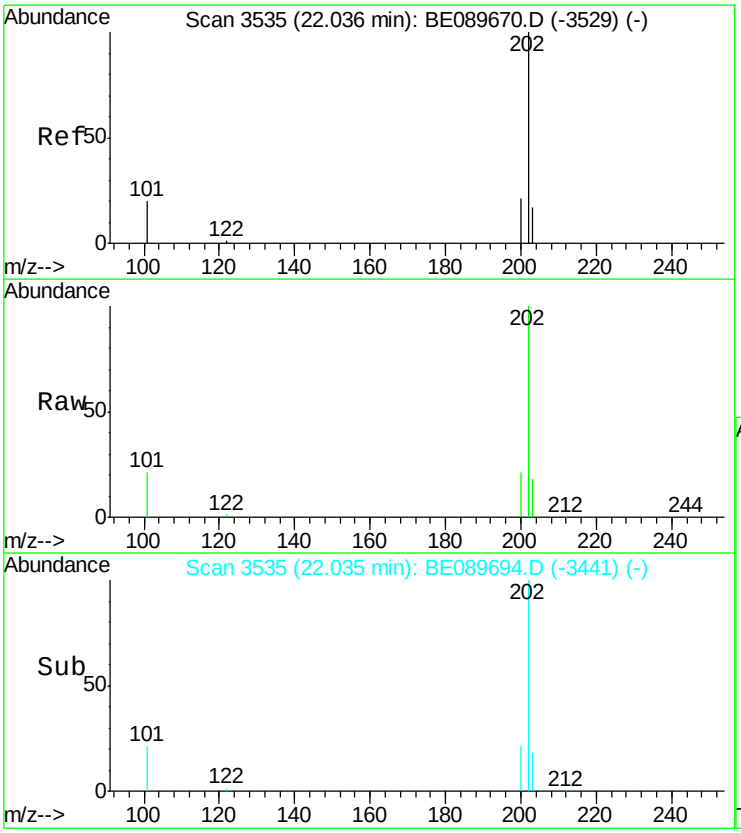
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3806
Delta R.T. -0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:240 Resp: 182766

Ion	Ratio	Lower	Upper
240	100		
120	21.3	9.4	14.0#
236	27.4	19.9	29.9

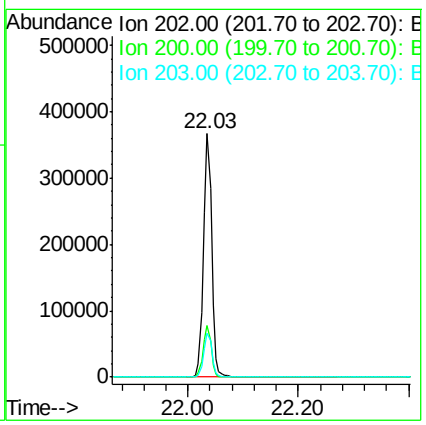


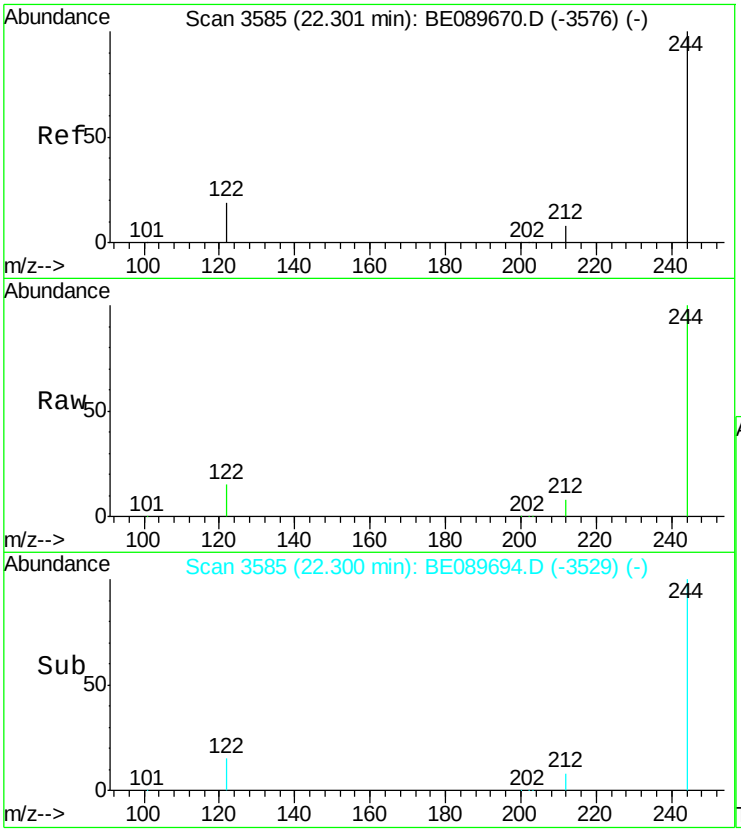


#20
Pyrene
Concen: 8.47 ng
RT: 22.03 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:202 Resp: 374252

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.4	24.6
203	18.1	13.9	20.9



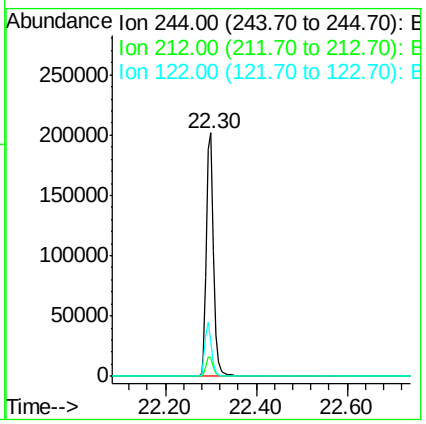


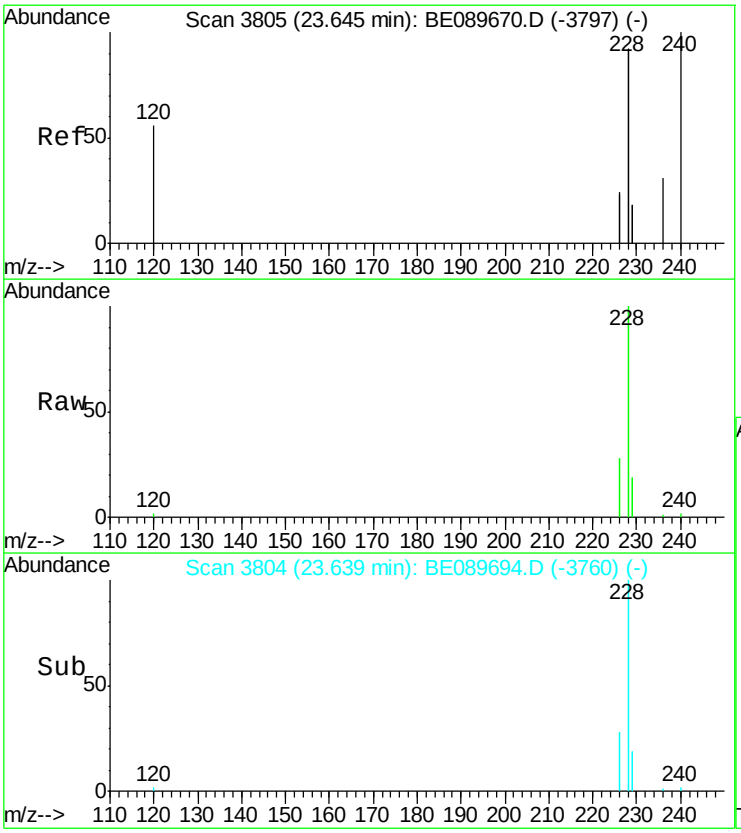
#21
Terphenyl-d14
Concen: 9.83 ng
RT: 22.30 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:244 Resp: 210728

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.6
122	14.5	15.4	23.0#

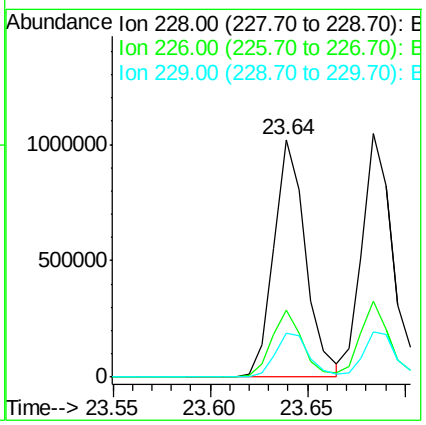


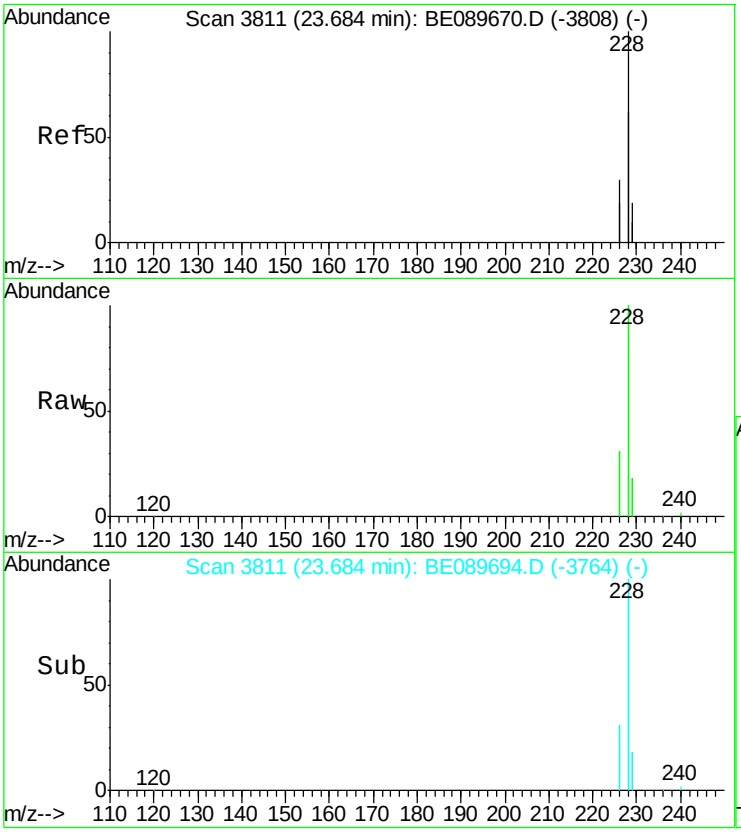


#22
Benzo(a)anthracene
Concen: 9.66 ng
RT: 23.64 min Scan# 3804
Delta R.T. -0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:228 Resp: 1161666

Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.6	31.0
229	18.6	15.8	23.6



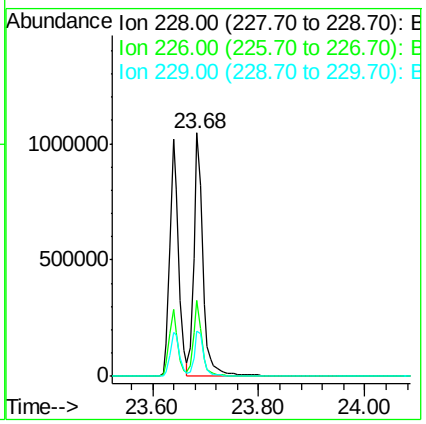


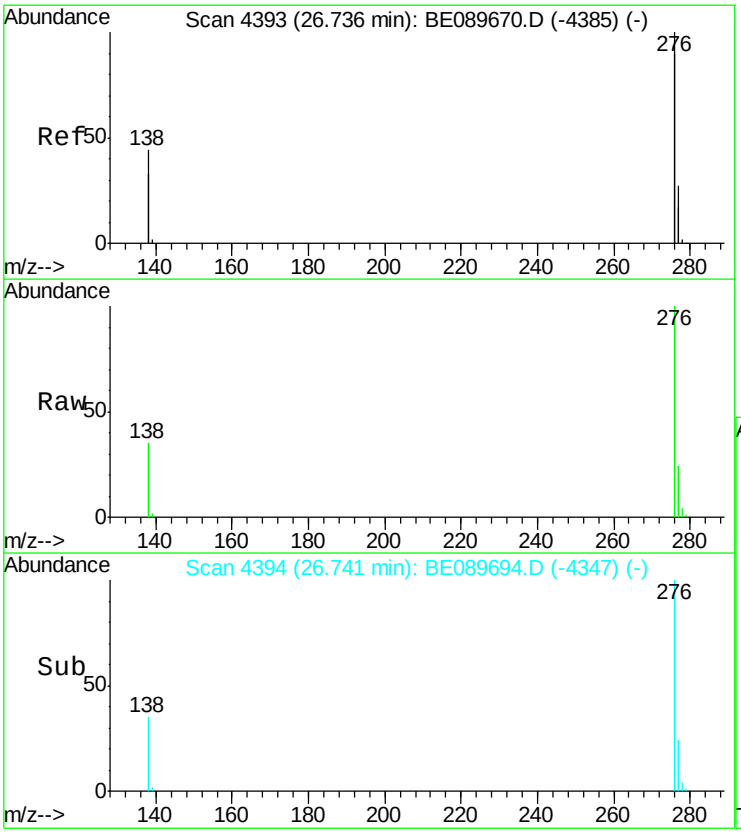
#23
Chrysene
Concen: 7.47 ng
RT: 23.68 min Scan# 3811
Delta R.T. 0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:228 Resp: 1237390

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.6	35.4
229	18.3	15.3	22.9

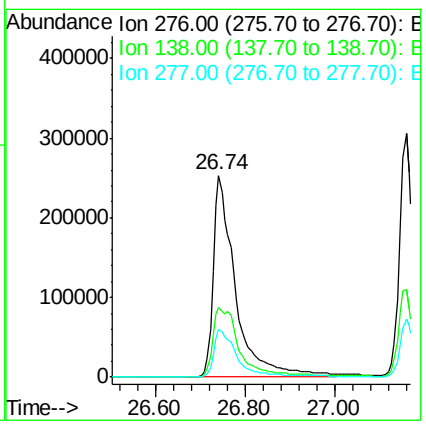


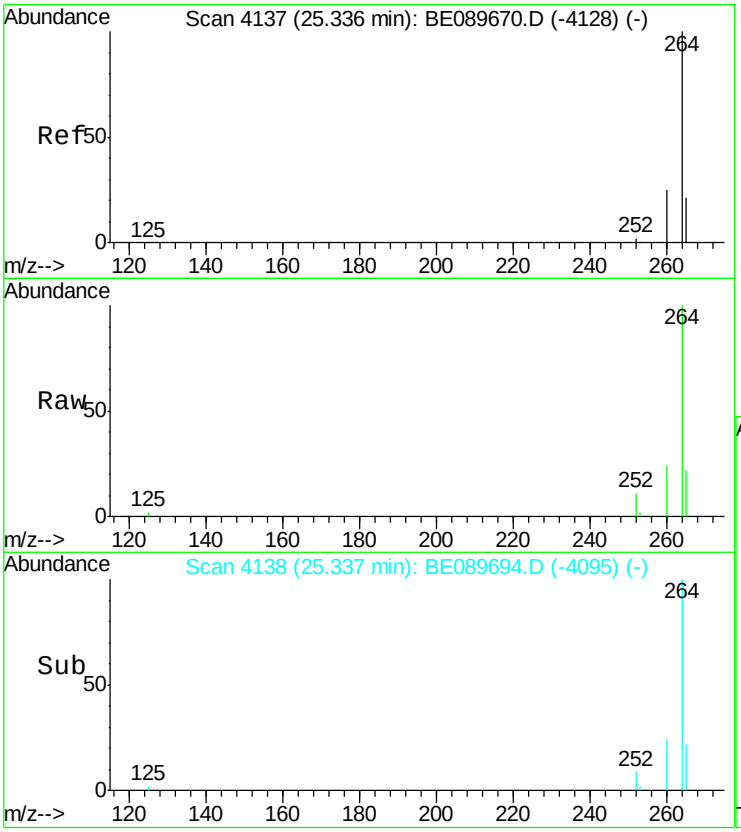


#24
Indeno(1,2,3-cd)pyrene
Concen: 7.22 ng
RT: 26.74 min Scan# 4394
Delta R.T. 0.01 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:276 Resp: 871903

Ion	Ratio	Lower	Upper
276	100		
138	42.0	0.0	0.0#
277	25.0	5.2	7.8#



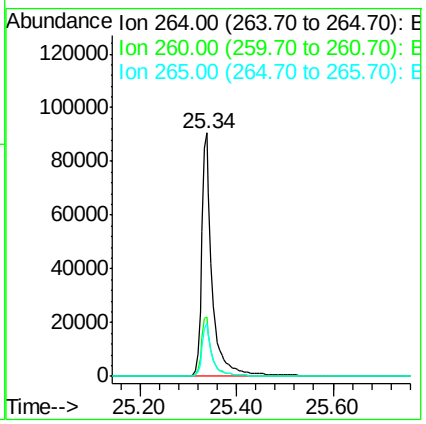


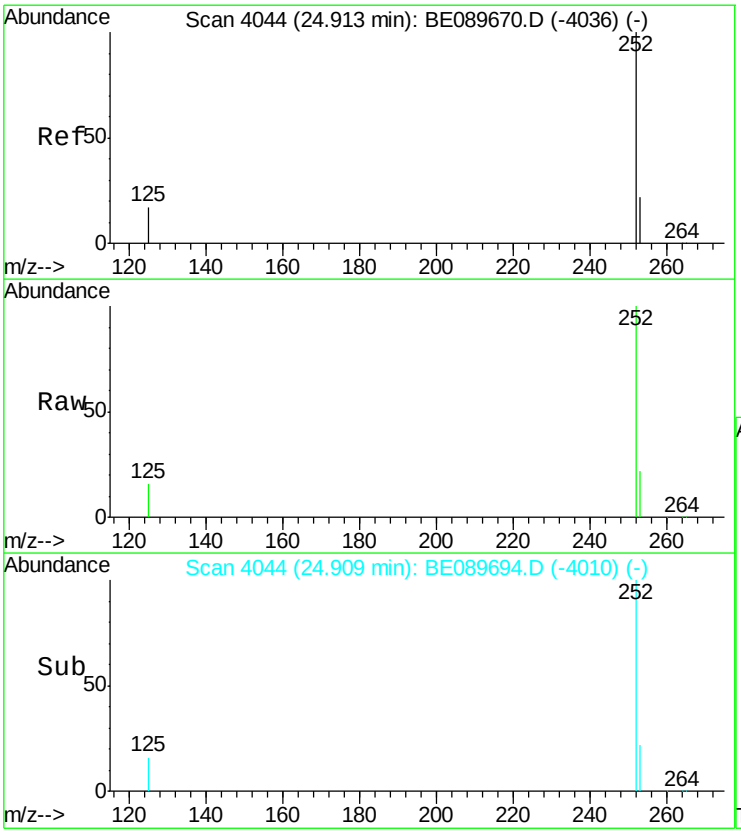
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:264 Resp: 137146

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.4
265	21.9	17.0	25.4

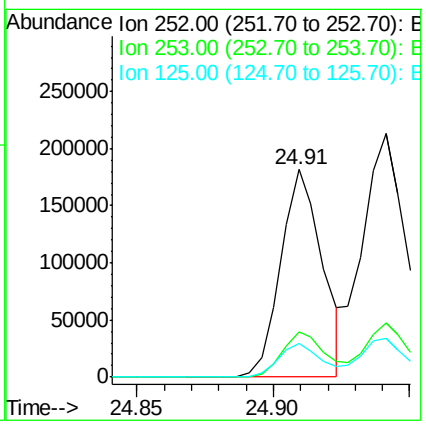


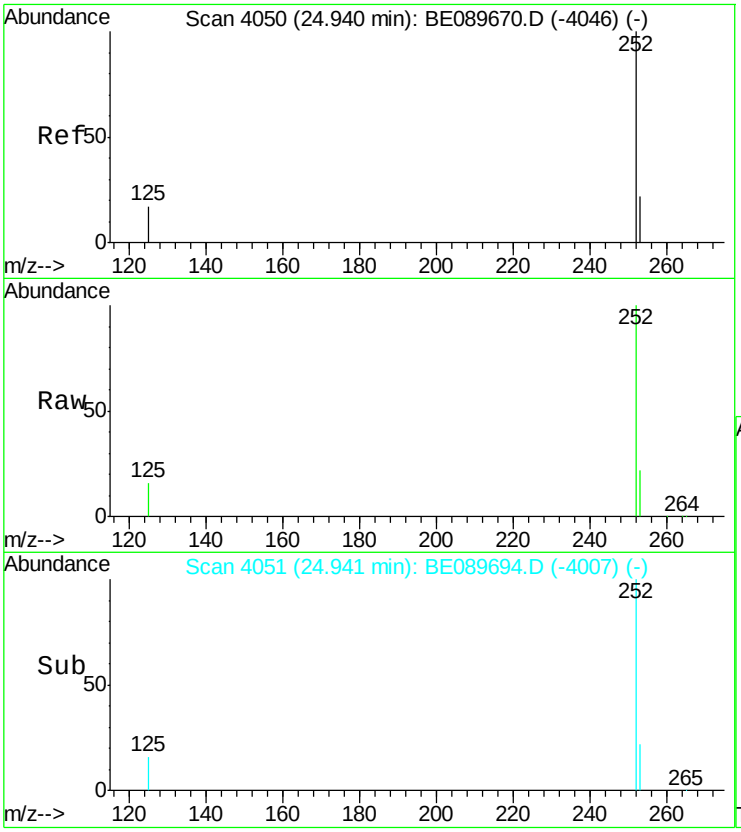


#26
Benzo(b)fluoranthene
Concen: 7.92 ng
RT: 24.91 min Scan# 4044
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:252 Resp: 192341

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	27.8
125	16.4	15.0	22.6



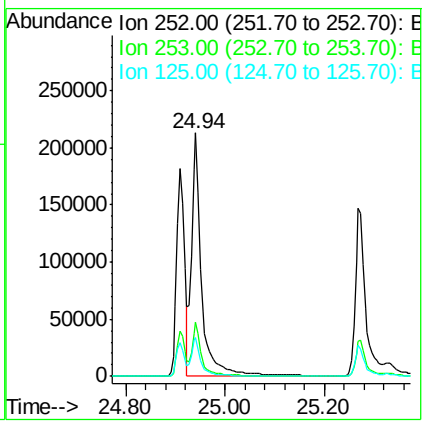


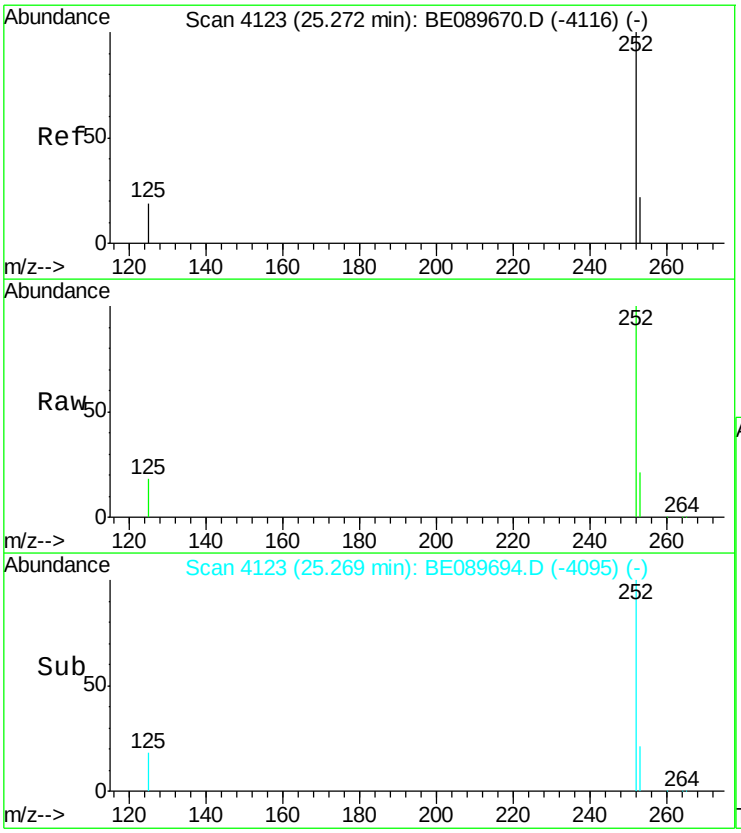
#27
Benzo(k)fluoranthene
Concen: 8.77 ng
RT: 24.94 min Scan# 4051
Delta R.T. 0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:252 Resp: 301975

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	16.0	14.3	21.5

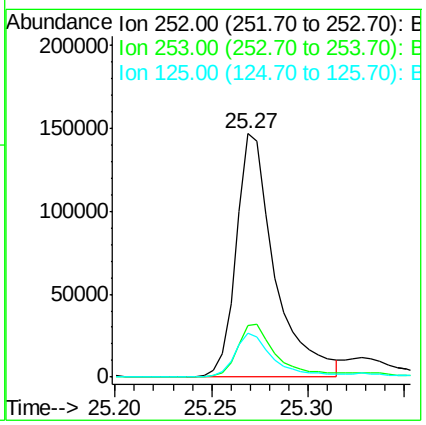


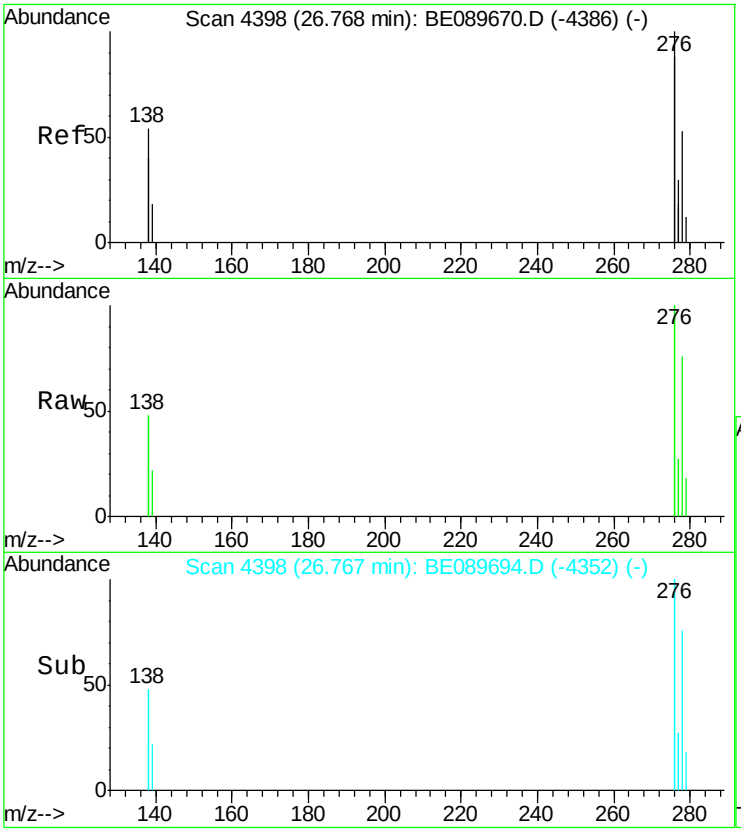


#28
Benzo(a)pyrene
Concen: 7.32 ng
RT: 25.27 min Scan# 4123
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:252 Resp: 202641

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.8	28.2
125	18.2	16.6	24.8



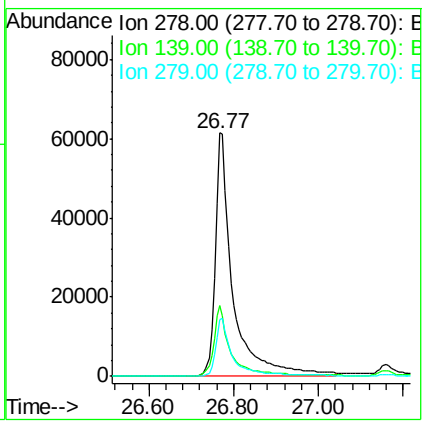


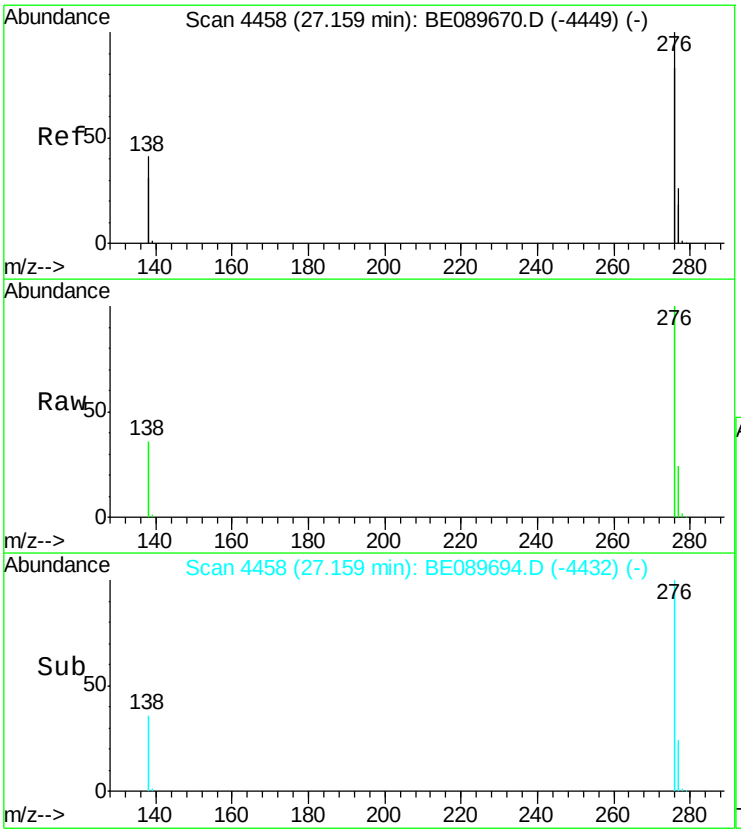
#29
Dibenzo(a,h)anthracene
Concen: 7.34 ng
RT: 26.77 min Scan# 4398
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Instrument :
BNA_E
ClientSampleId :
PB81860BSD

Tgt Ion:278 Resp: 178703

Ion	Ratio	Lower	Upper
278	100		
139	29.1	30.4	45.6#
279	23.4	22.0	33.0





#30
Benzo(g,h,i)perylene
Concen: 11.81 ng
RT: 27.16 min Scan# 4458
Delta R.T. -0.00 min
Lab File: BE089694.D
Acq: 26 Feb 2015 16:16

Tgt Ion:276 Resp: 774540

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.0	31.6
138	36.0	33.0	49.4