Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089944.D
Acq On : 26 Jun 2015 15:59
Operator : TP/IZ
Sample : PB84221BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84221BS

Quant Time: Jun 27 00:59:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26000	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	122868	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	75545	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	178023	5.00	ng		0.00
25) Chrysene-d12	21.14	240	198738	5.00	ng		0.00
32) Perylene-d12	23.47	264	170373	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	50440	10.75	ng		0.00
5) Phenol-d6	6.81	99	81935	11.39	ng		0.00
7) Nitrobenzene-d5	8.77	82	71401	7.80	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	11972	8.95	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	160804	7.30	ng		0.00
27) Terphenyl-d14	19.60	244	246283	7.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	11831	3.80	ng		99
3) n-Nitrosodimethylamine	3.54	42	16992	3.64	ng	#	94
8) Nitrobenzene	8.81	77	38202	3.93	ng		97
9) Naphthalene	10.44	128	98912	3.62	ng		99
10) Hexachlorobutadiene	10.74	225	15557	3.60	ng		100
11) 2-Methylnaphthalene	12.05	142	68557	3.67	ng		99
15) Acenaphthylene	13.96	152	479290	3.62	ng		100
16) Acenaphthene	14.30	154	72212	3.71	ng		98
17) Fluorene	15.29	166	96515	3.96	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	26368	3.63	ng		98
20) Hexachlorobenzene	16.30	284	117407	3.69	ng		100
21) Pentachlorophenol	16.65	266	10294	6.01	ng		97
22) Phenanthrene	17.01	178	161732	3.62	ng		99
23) Anthracene	17.12	178	155468	3.75	ng		99
24) Fluoranthene	19.02	202	182087	3.76	ng		100
26) Pyrene	19.39	202	192092	3.82	ng		99
28) Benzo(a)anthracene	21.12	228	175008	3.69	ng		99
29) Chrysene	21.17	228	187101	3.60	ng		99
30) Bis(2-ethylhexyl)phthalate	21.07	149	14577	3.60	ng		100
31) Indeno(1,2,3-cd)pyrene	25.89	276	155933	4.09	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	146355	4.06	ng		99
34) Benzo(k)fluoranthene	22.80	252	163676	4.01	ng		99
35) Benzo(a)pyrene	23.36	252	136080	4.25	ng		99
36) Dibenzo(a,h)anthracene	25.91	278	126660	4.25	ng		99
37) Benzo(g,h,i)perylene	26.62	276	132620	4.14	ng		100

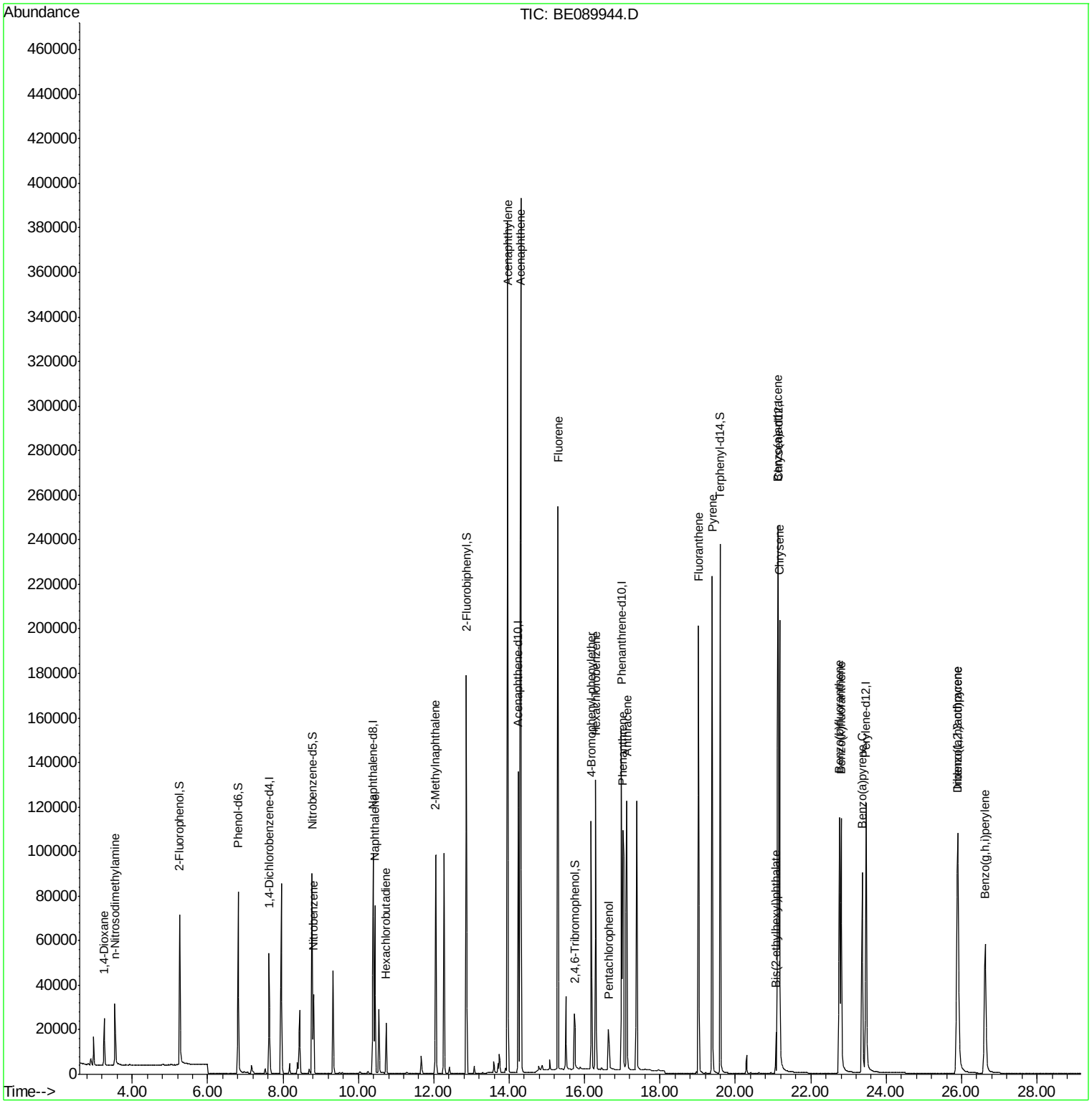
(#) = qualifier out of range (m) = manual integration (+) = signals summed

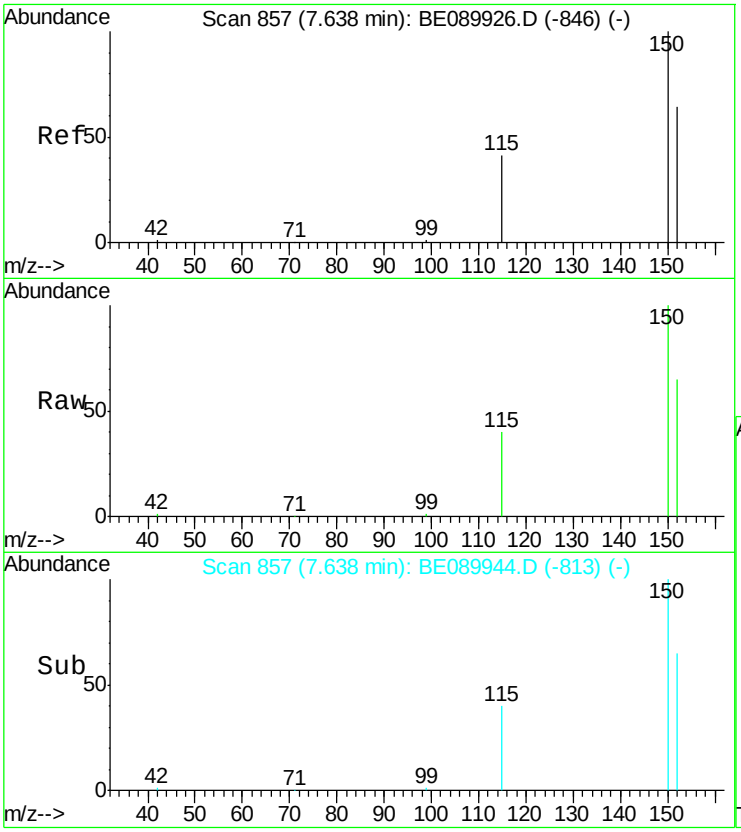
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089944.D
Acq On : 26 Jun 2015 15:59
Operator : TP/IZ
Sample : PB84221BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Quant Time: Jun 27 00:59:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



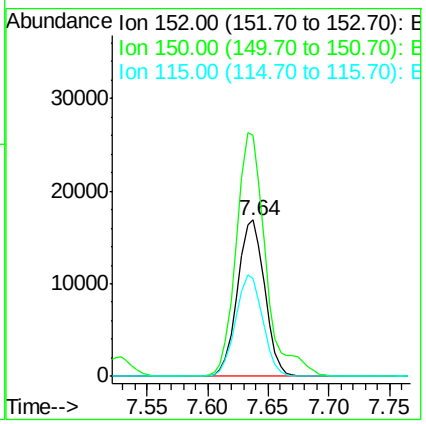


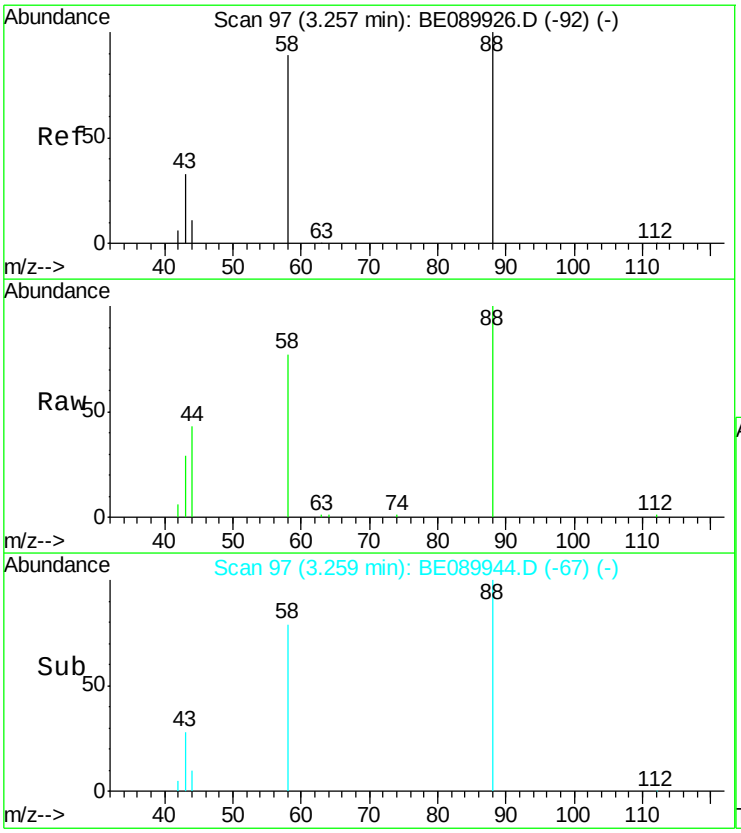
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:152 Resp: 26000

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	62.6	51.6	77.4

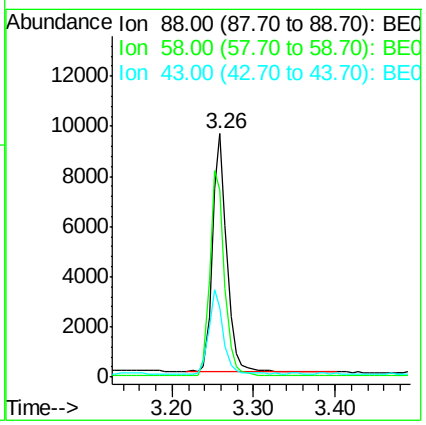


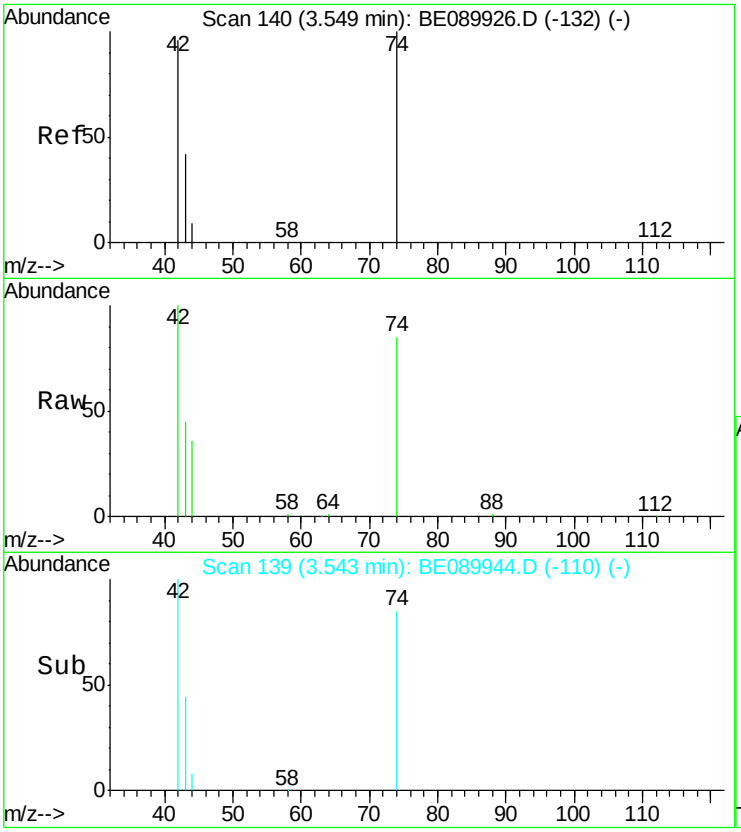


#2
1,4-Dioxane
Concen: 3.80 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion: 88 Resp: 11831

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.8	106.2
43	35.2	26.8	40.2



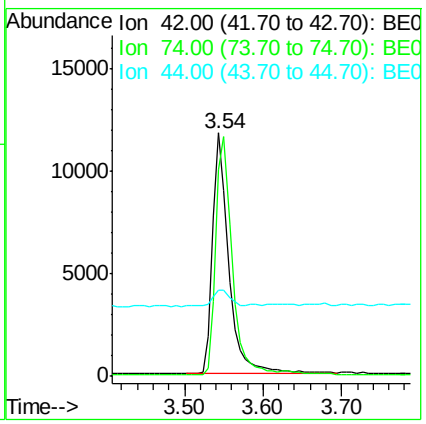


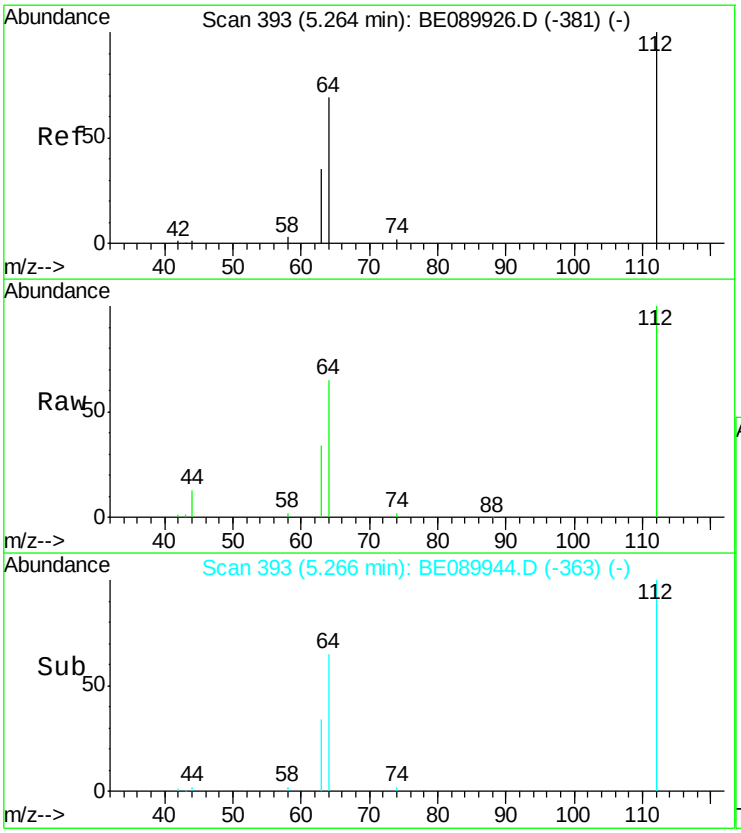
#3
n-Nitrosodimethylamine
Concen: 3.64 ng
RT: 3.54 min Scan# 139
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion: 42 Resp: 16992

Ion	Ratio	Lower	Upper
42	100		
74	100.9	85.4	128.2
44	8.4	8.4	12.6#

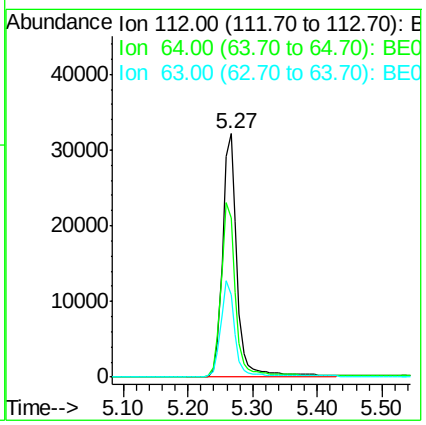


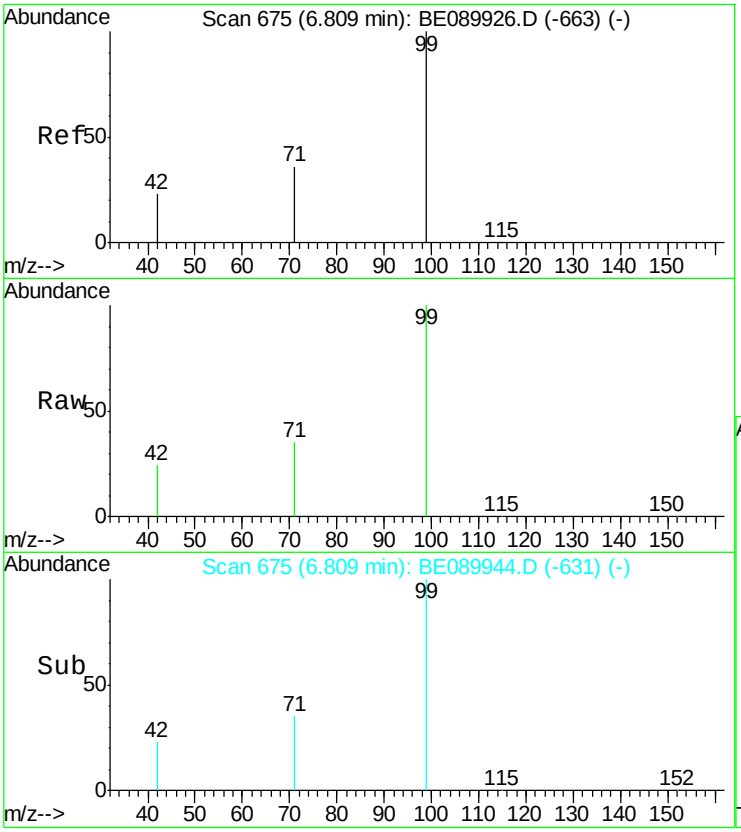


#4
2-Fluorophenol
Concen: 10.75 ng
RT: 5.27 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:112 Resp: 50440

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.4	86.2
63	39.0	31.2	46.8



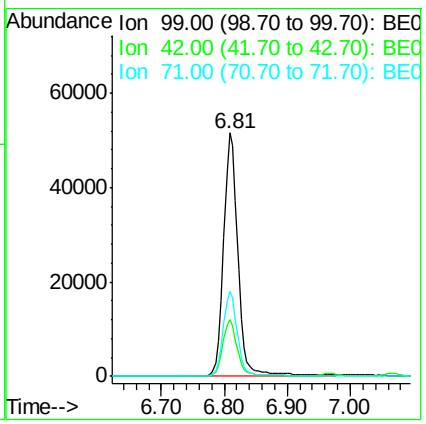


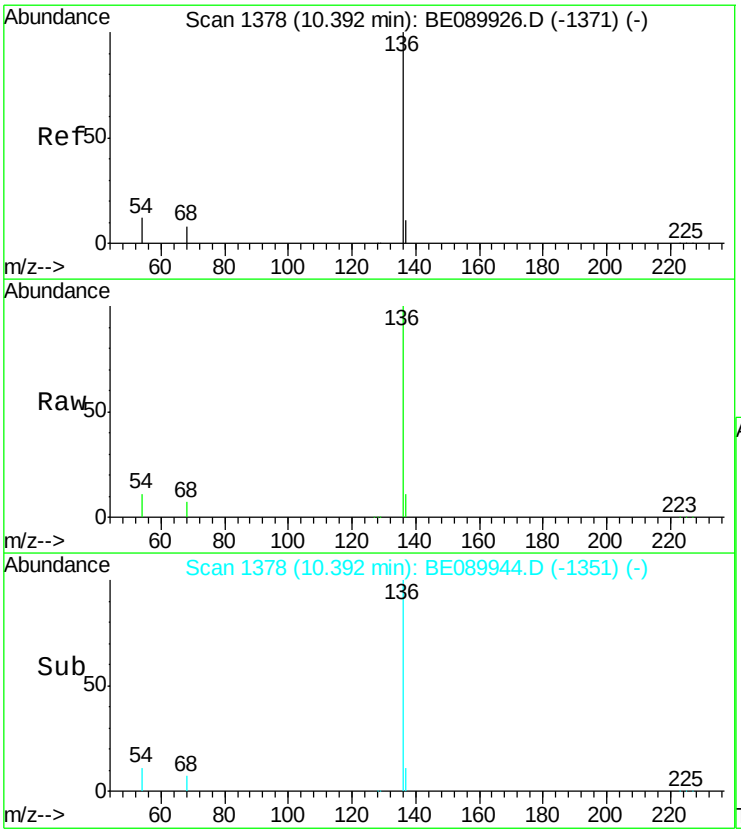
#5
Phenol-d6
Concen: 11.39 ng
RT: 6.81 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion: 99 Resp: 81935

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.5	29.3
71	34.7	27.8	41.6

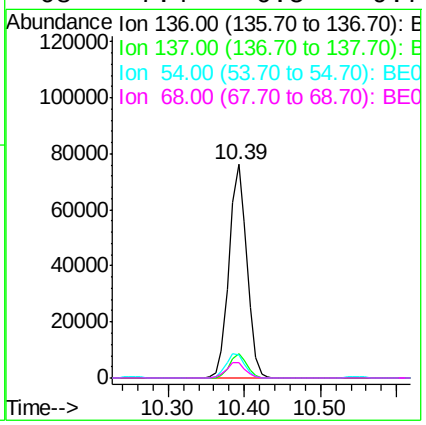


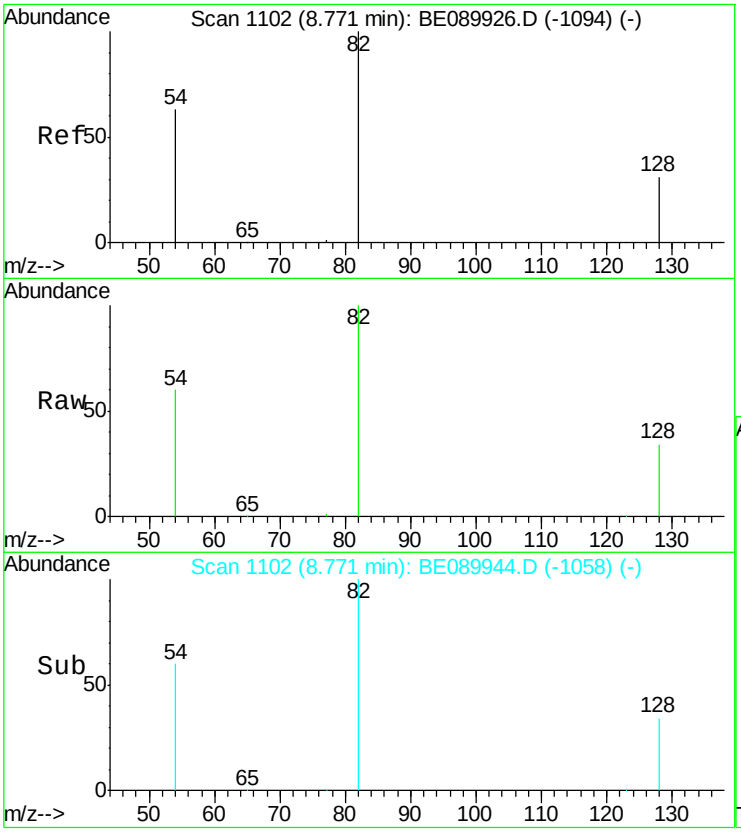


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:136 Resp: 122868

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.0	9.7	14.5
68	7.4	6.5	9.7



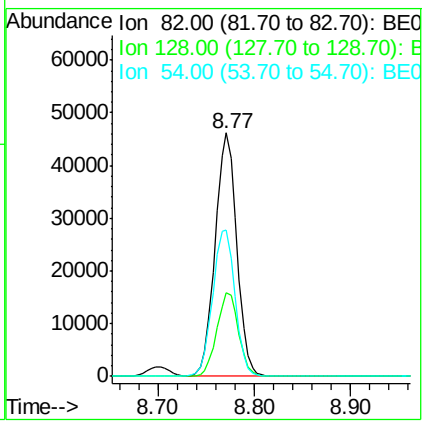


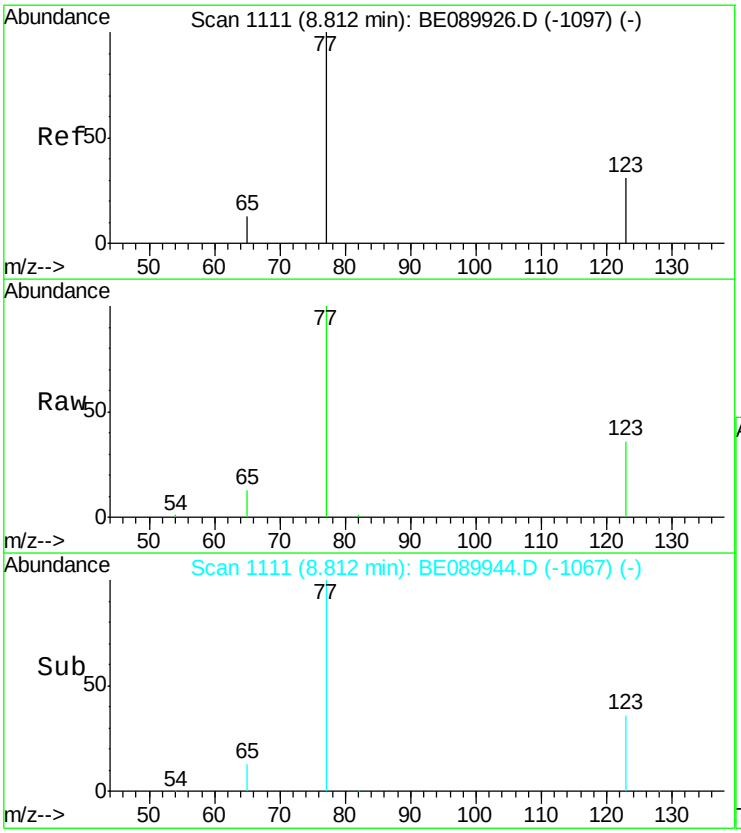
#7
Nitrobenzene-d5
Concen: 7.80 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion: 82 Resp: 71401

Ion	Ratio	Lower	Upper
82	100		
128	34.1	25.6	38.4
54	59.9	51.2	76.8

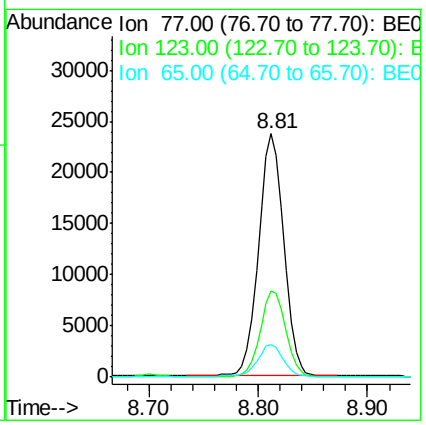


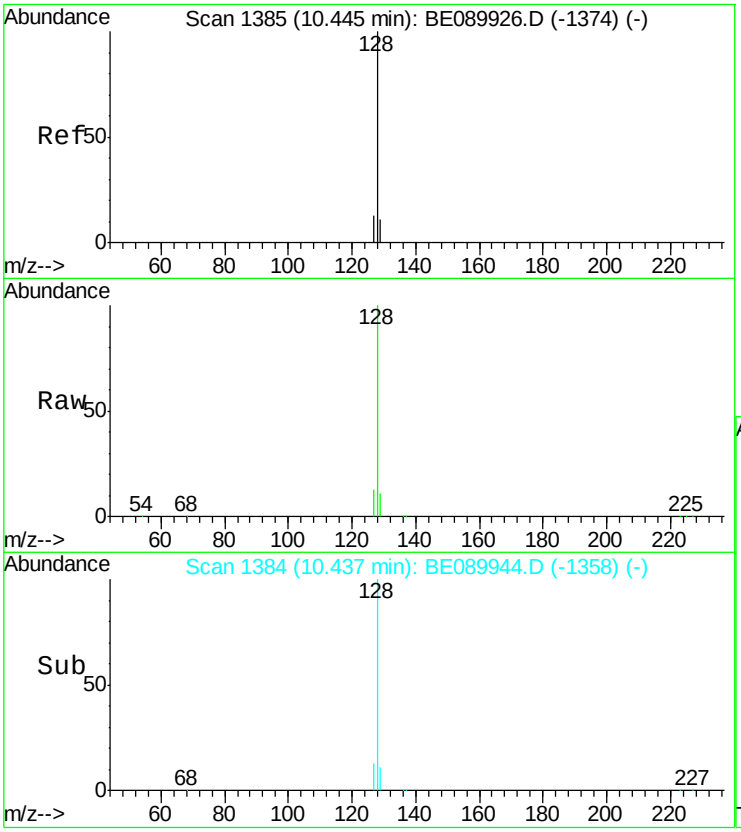


#8
Nitrobenzene
Concen: 3.93 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion: 77 Resp: 38202

Ion	Ratio	Lower	Upper
77	100		
123	35.5	26.6	39.8
65	13.4	10.2	15.4



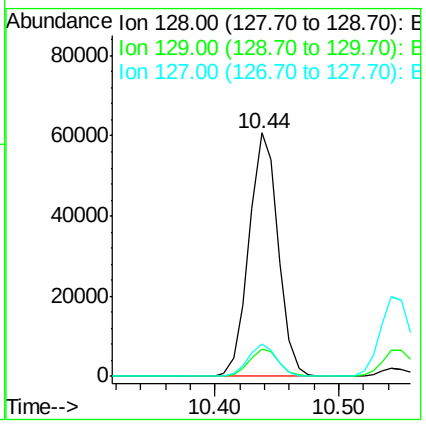


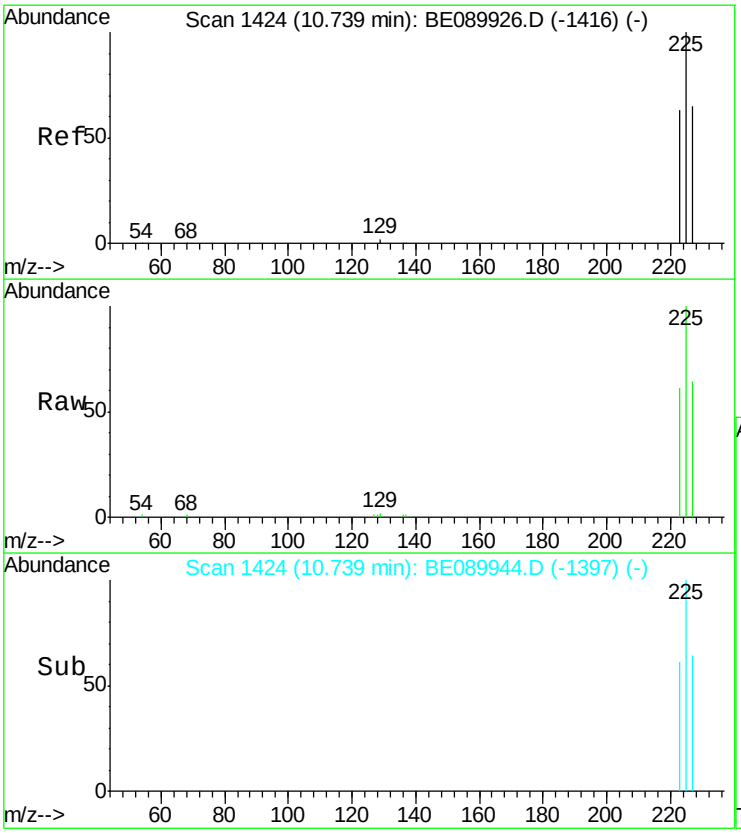
#9
Naphthalene
Concen: 3.62 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:128 Resp: 98912

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.2	10.2	15.4

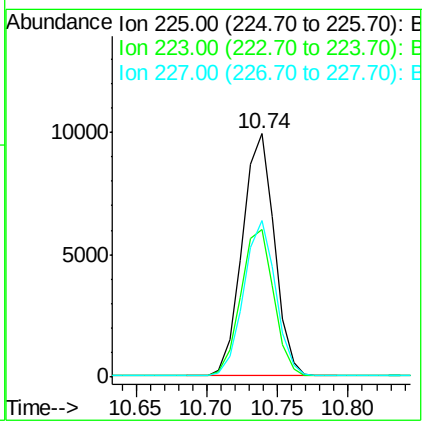


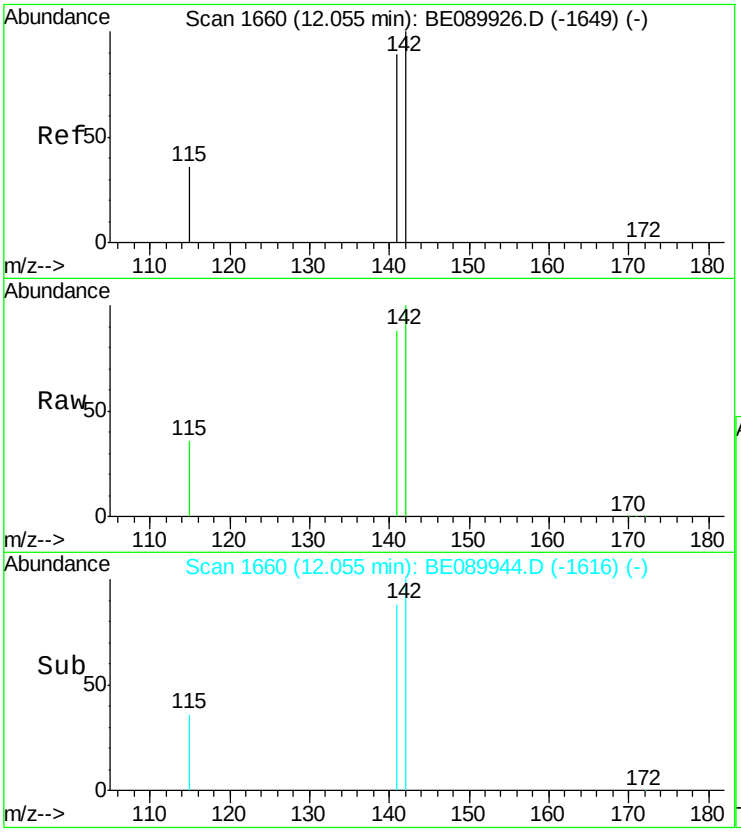


#10
Hexachlorobutadiene
Concen: 3.60 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:225 Resp: 15557

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	63.4	50.7	76.1



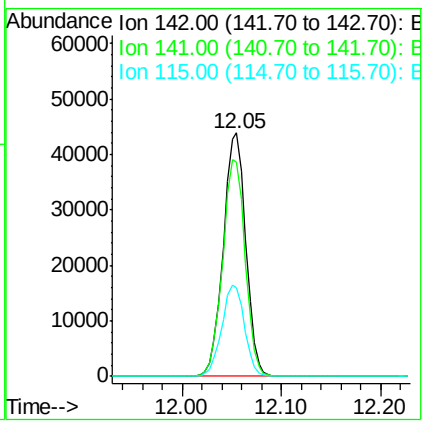


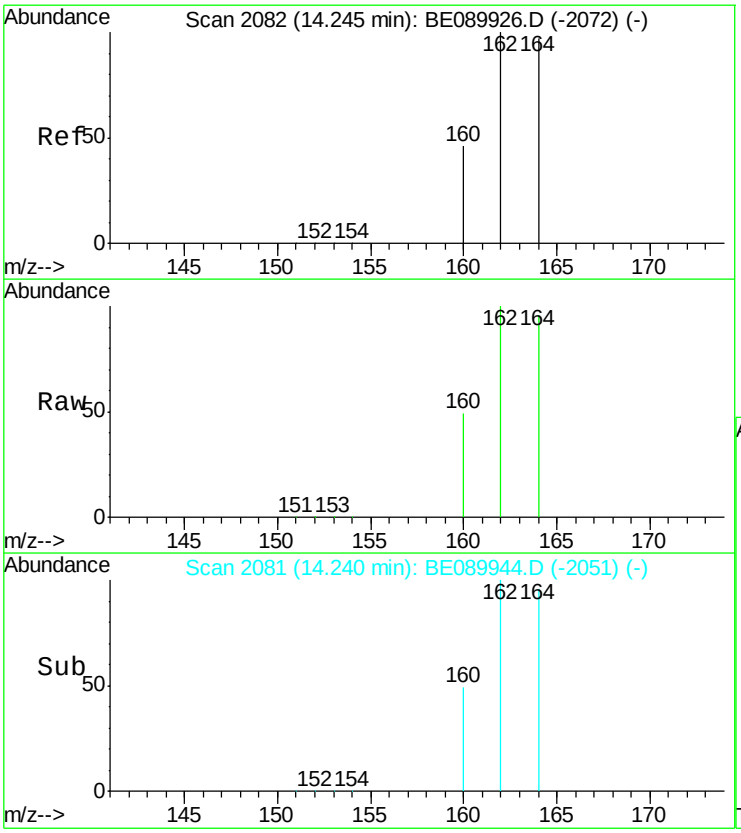
#11
2-Methylnaphthalene
Concen: 3.67 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:142 Resp: 68557

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.1	106.7
115	36.3	29.1	43.7

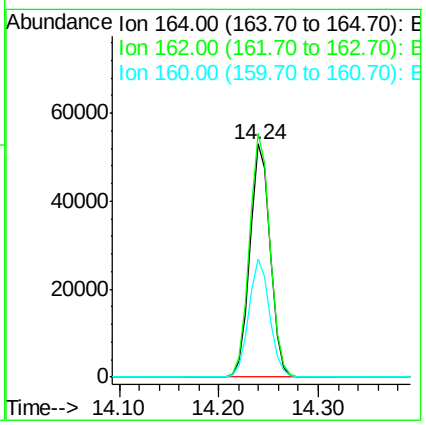


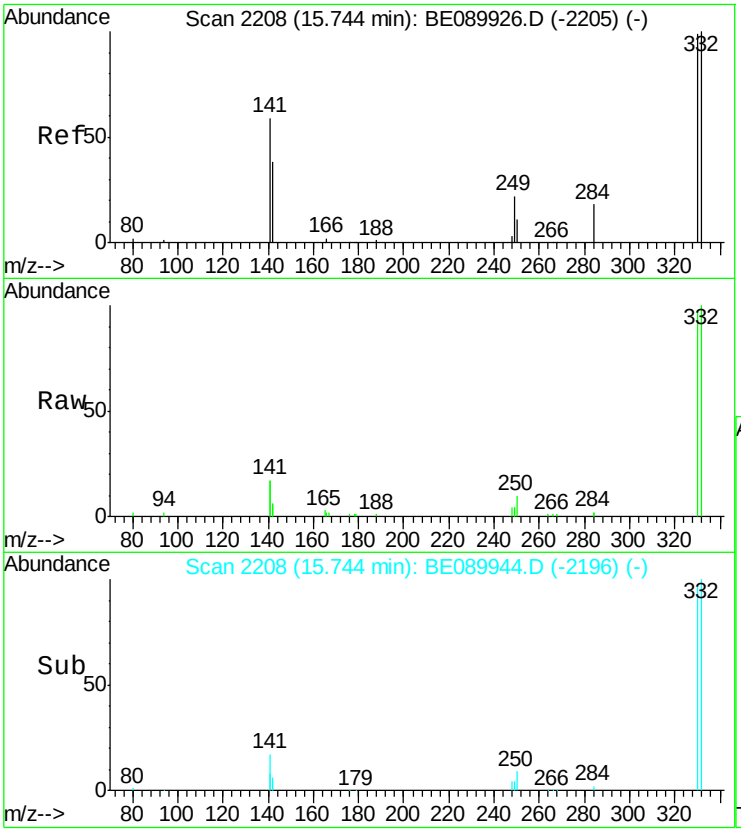


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:164 Resp: 75545

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.7	124.1
160	50.7	38.3	57.5



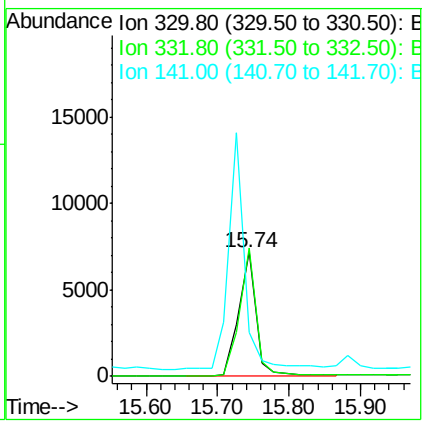


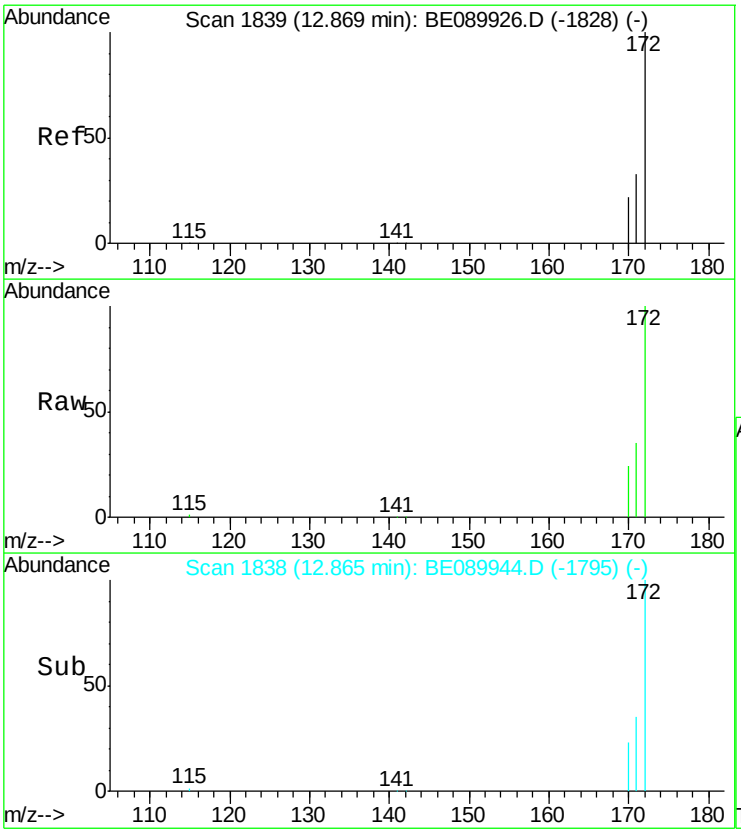
#13
2,4,6-Tribromophenol
Concen: 8.95 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:330 Resp: 11972

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.9	116.9
141	175.3	142.8	214.2

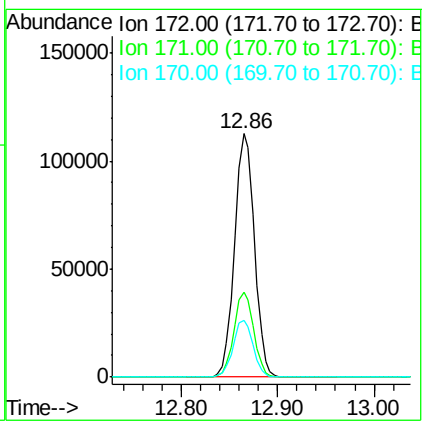


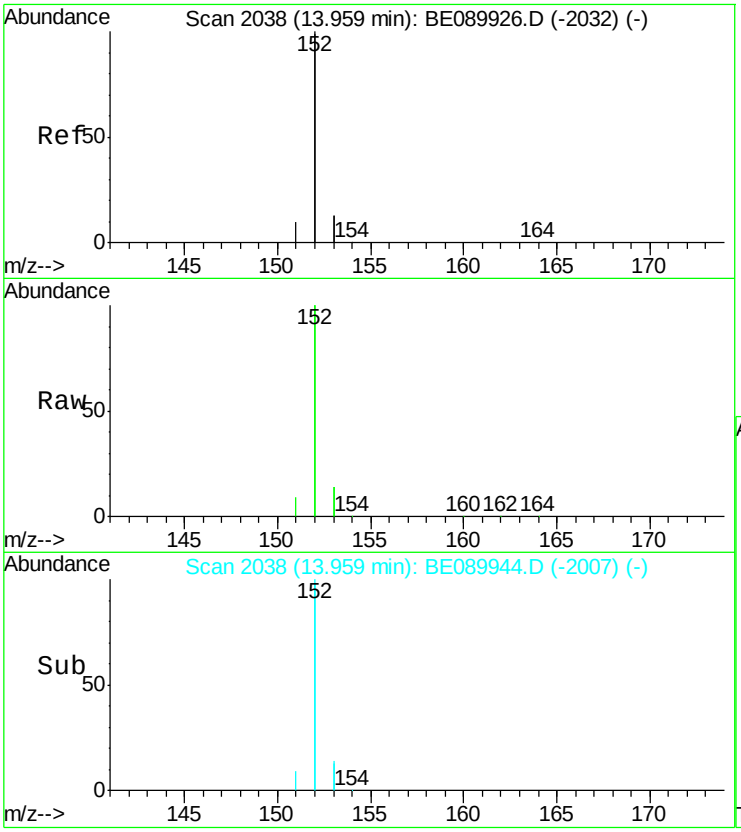


#14
2-Fluorobiphenyl
Concen: 7.30 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:172 Resp: 160804

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.7	40.1
170	23.5	17.5	26.3



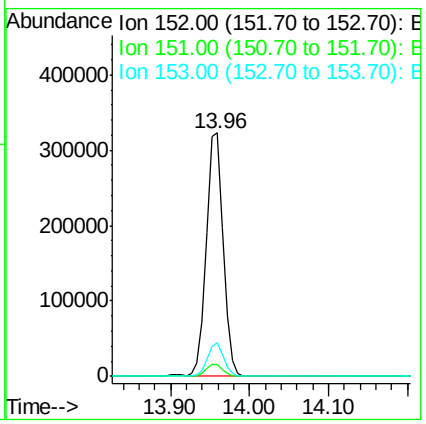


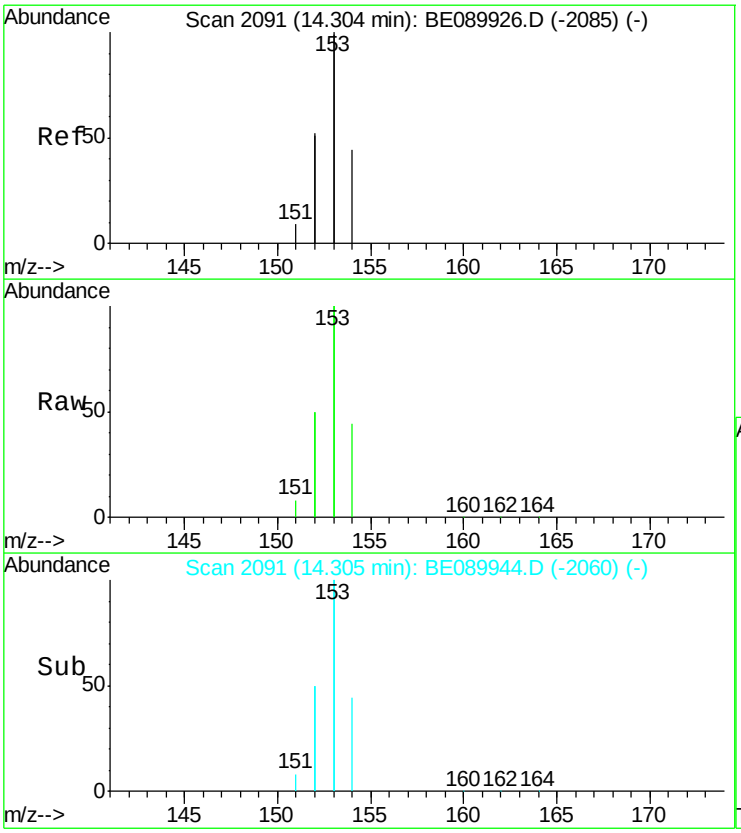
#15
Acenaphthylene
Concen: 3.62 ng
RT: 13.96 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:152 Resp: 479290

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

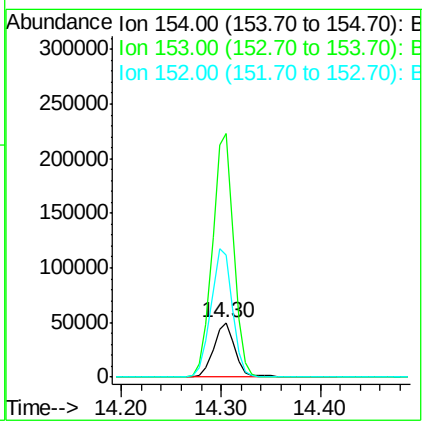


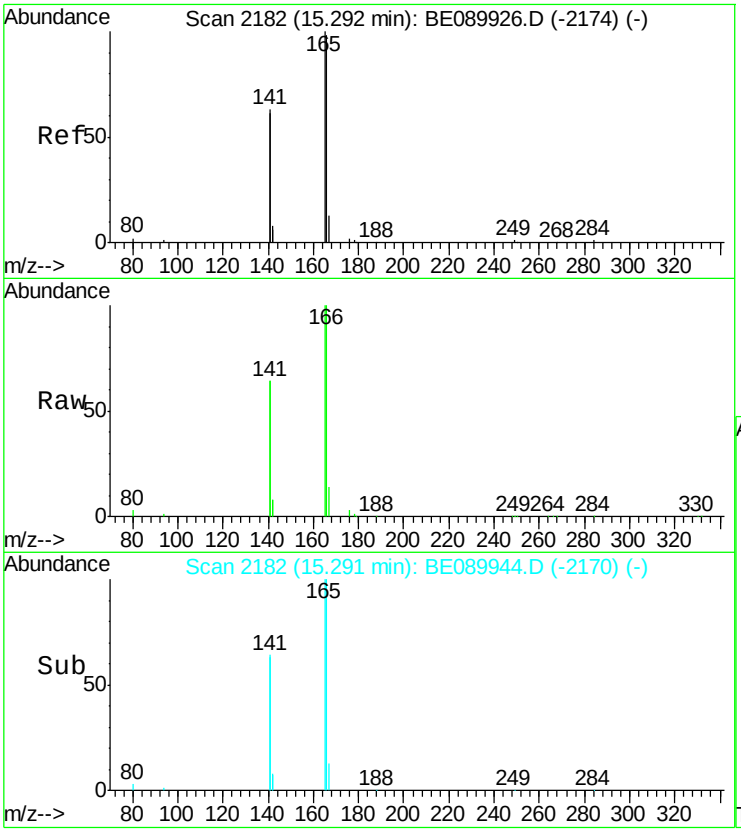


#16
Acenaphthene
Concen: 3.71 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:154 Resp: 72212

Ion	Ratio	Lower	Upper
154	100		
153	450.5	362.8	544.2
152	239.4	194.6	291.8



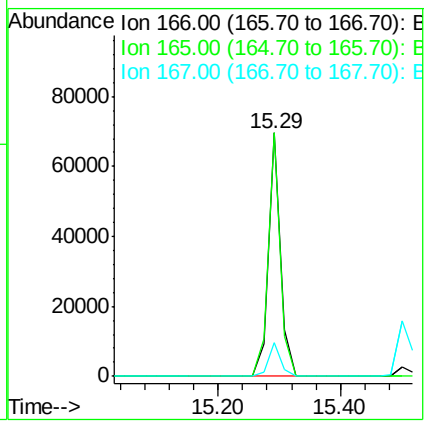


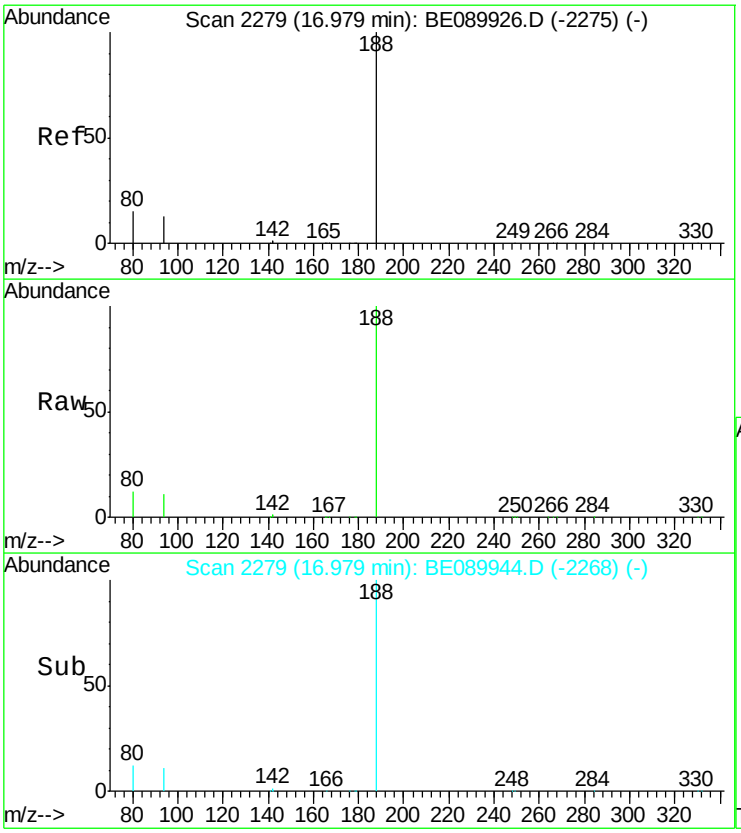
#17
Fluorene
Concen: 3.96 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:166 Resp: 96515

Ion	Ratio	Lower	Upper
166	100		
165	99.6	81.1	121.7
167	13.8	11.8	17.8

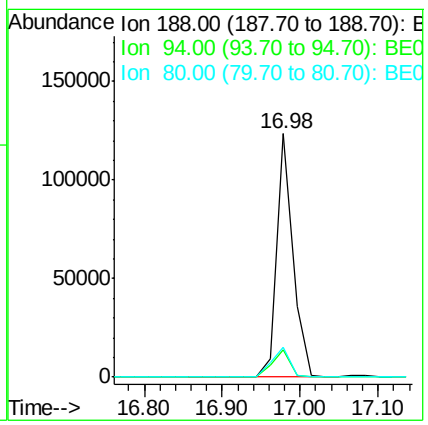


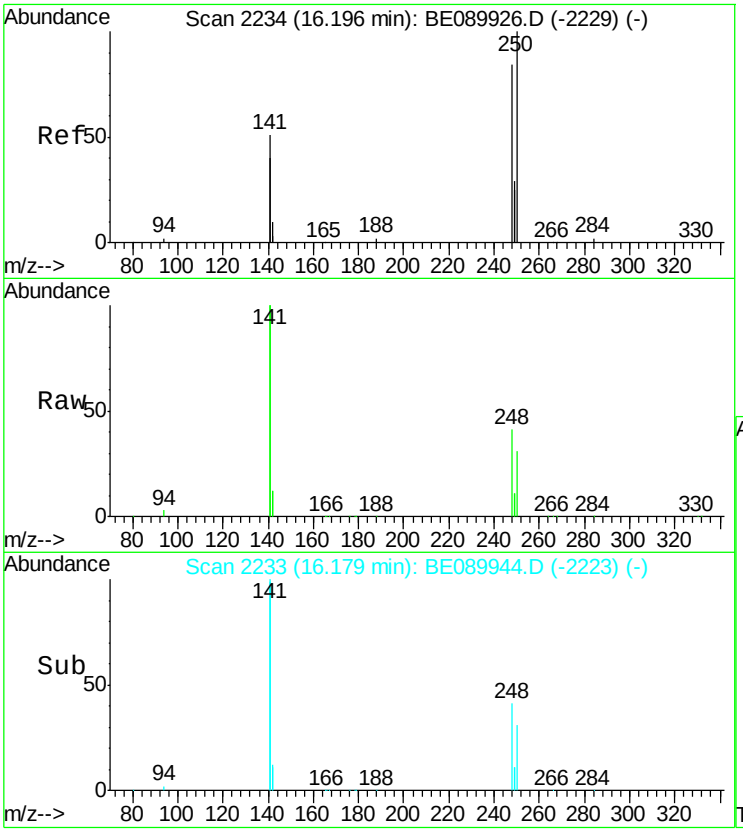


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:188 Resp: 178023

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.6	16.0
80	12.0	11.8	17.6



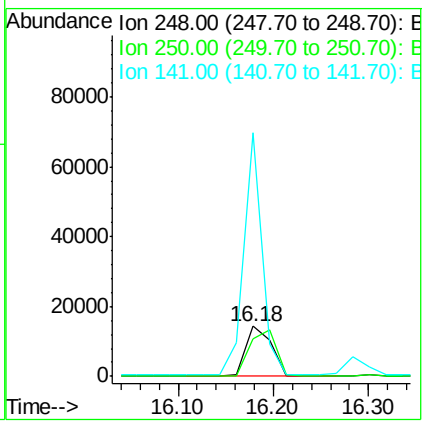


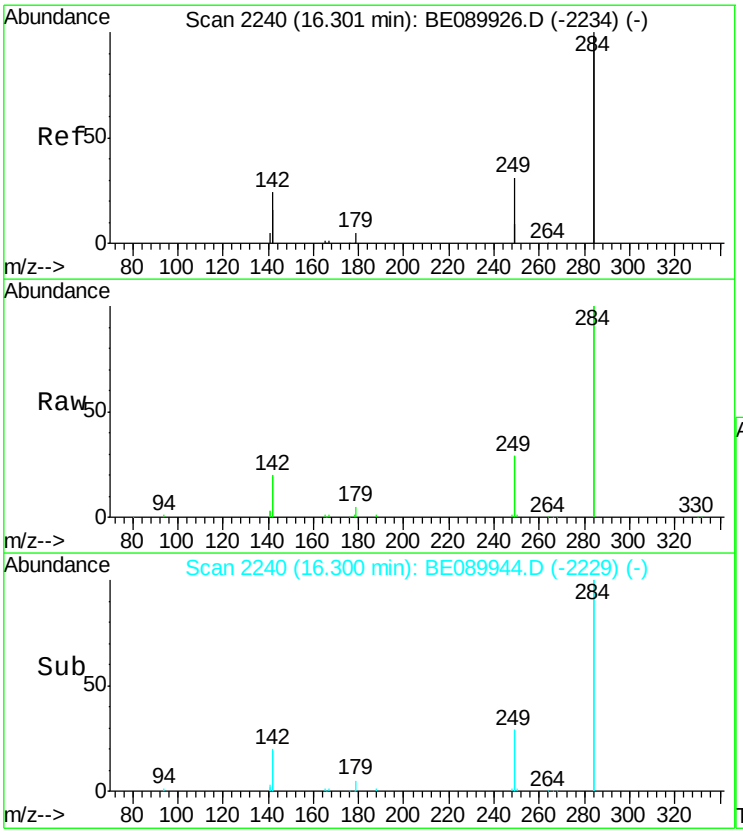
#19
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:248 Resp: 26368

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.3	118.9
141	345.8	274.1	411.1

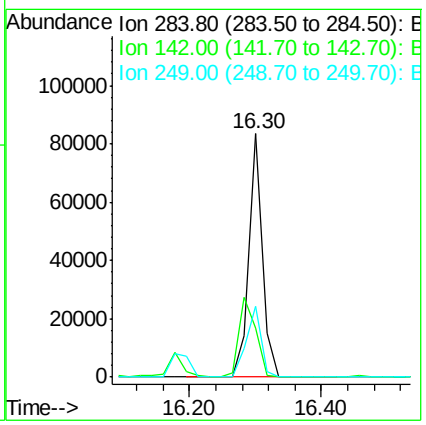


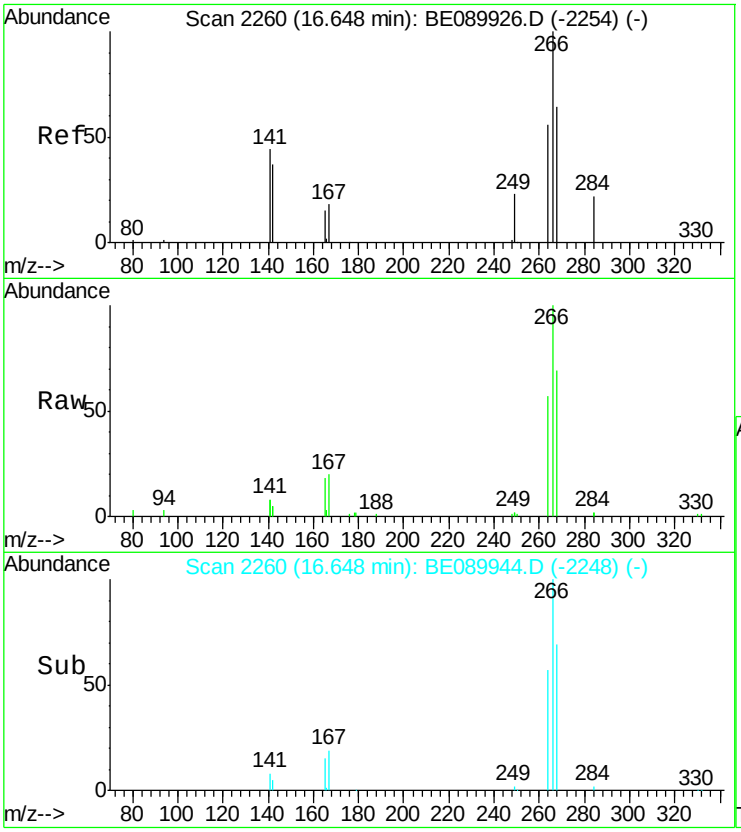


#20
Hexachlorobenzene
Concen: 3.69 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:284 Resp: 117407

Ion	Ratio	Lower	Upper
284	100		
142	40.0	32.0	48.0
249	31.6	25.0	37.6



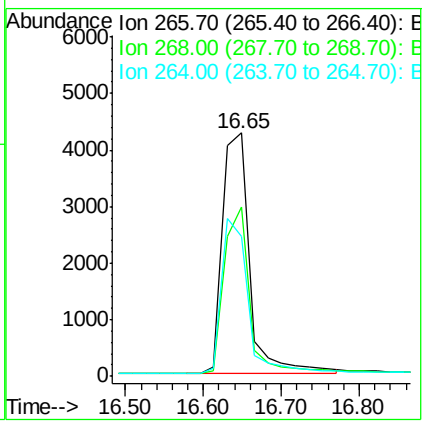


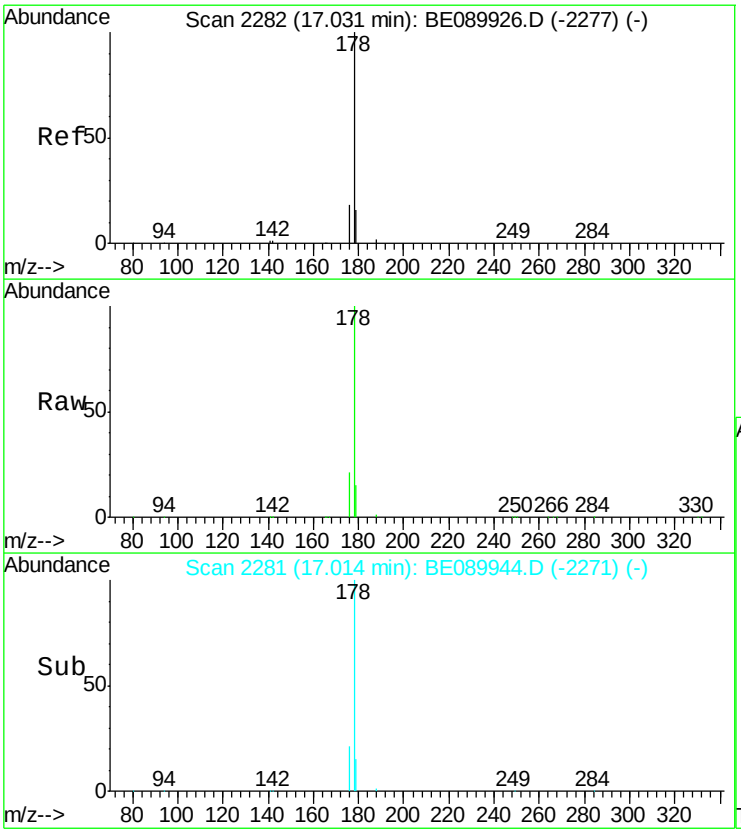
#21
Pentachlorophenol
Concen: 6.01 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:266 Resp: 10294

Ion	Ratio	Lower	Upper
266	100		
268	69.3	54.4	81.6
264	57.4	48.2	72.2

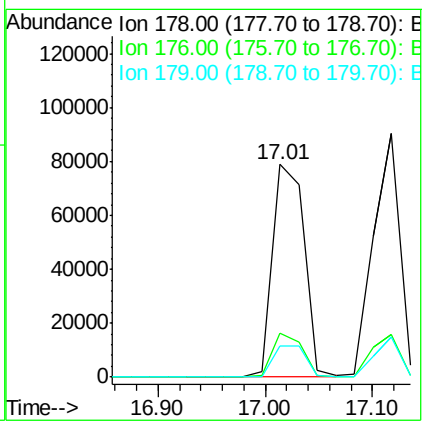


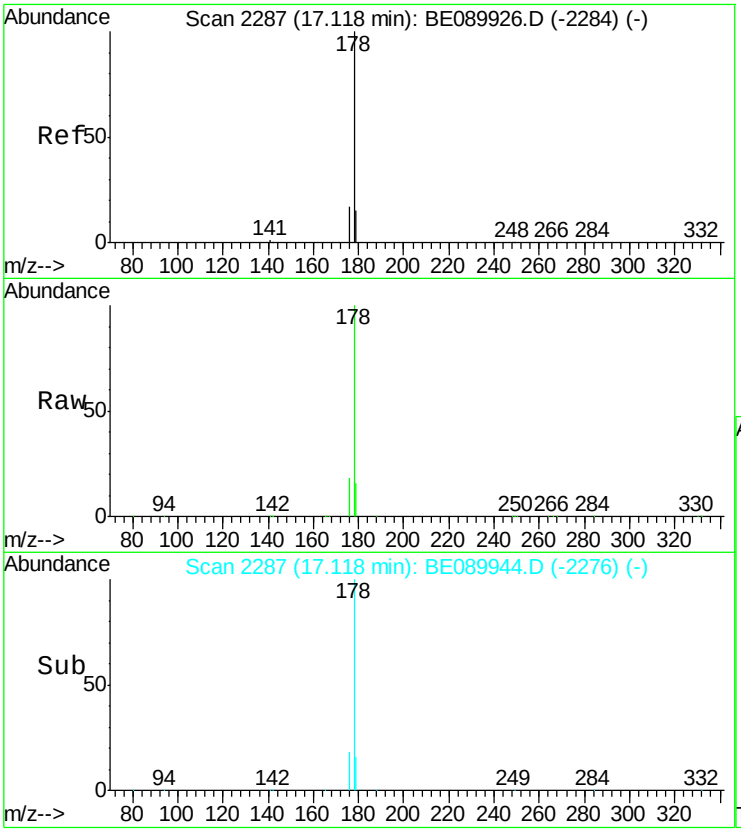


#22
Phenanthrene
Concen: 3.62 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:178 Resp: 161732

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0



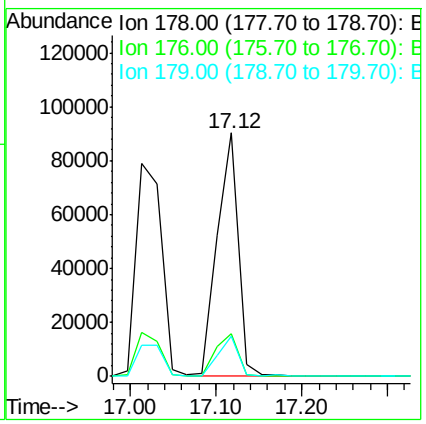


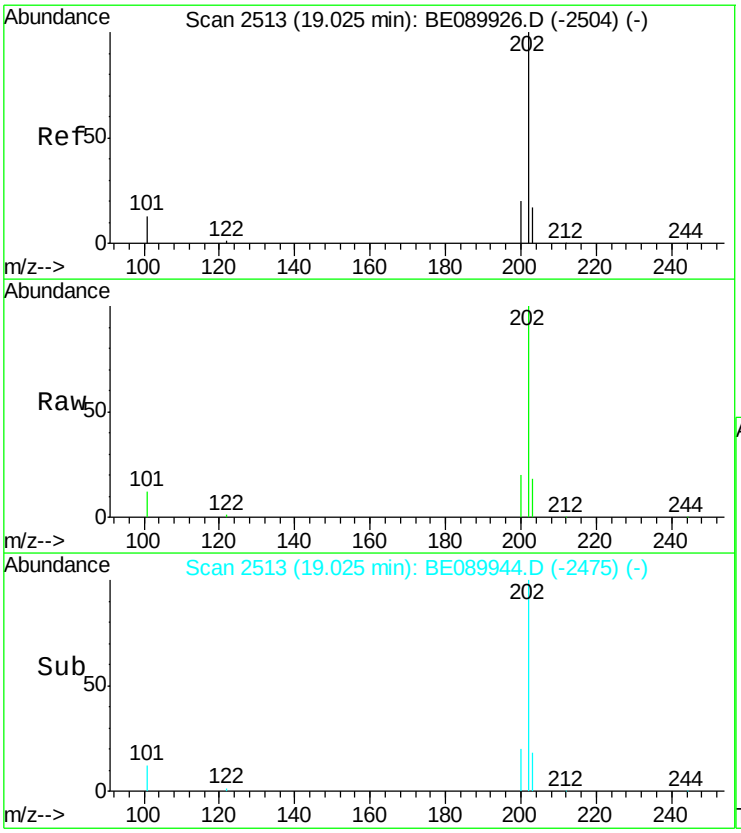
#23
Anthracene
Concen: 3.75 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:178 Resp: 155468

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.9	12.3	18.5

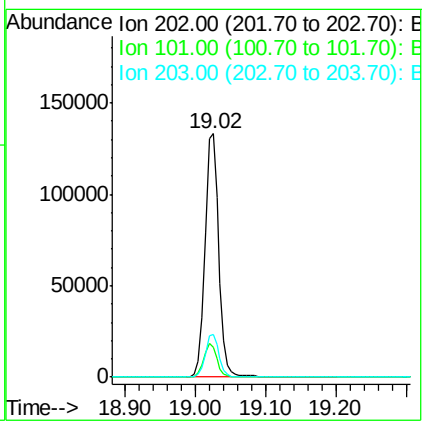


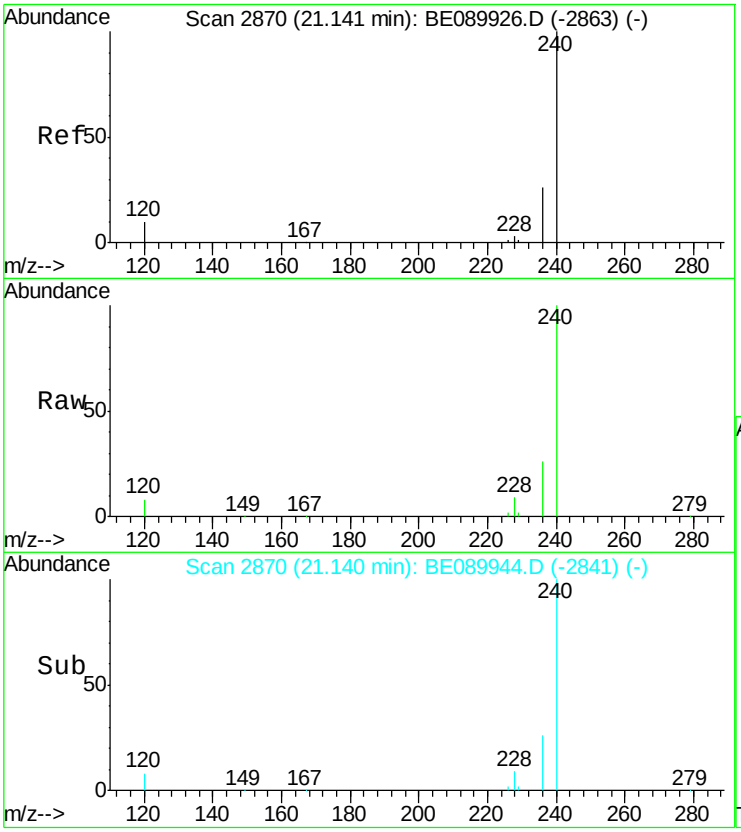


#24
Fluoranthene
Concen: 3.76 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:202 Resp: 182087

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
203	17.4	13.8	20.8



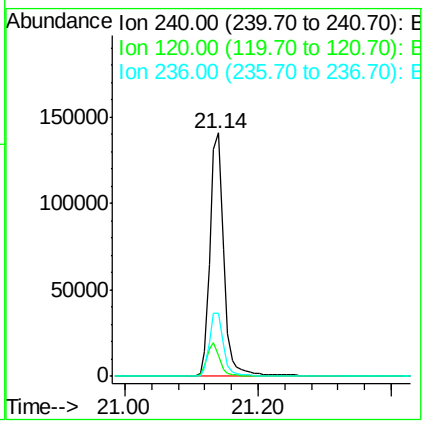


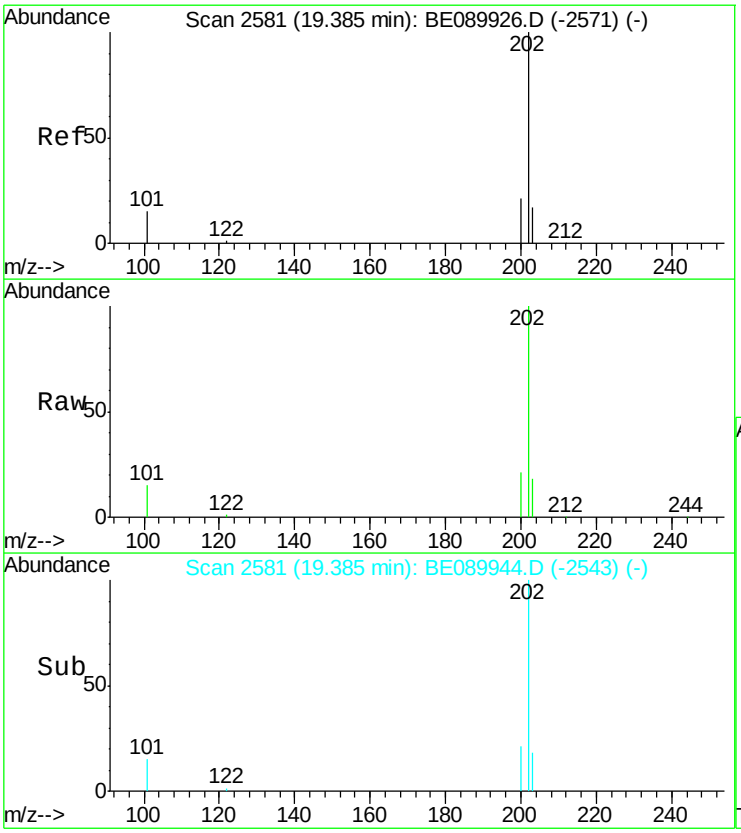
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:240 Resp: 198738

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.9	11.9
236	25.8	21.2	31.8

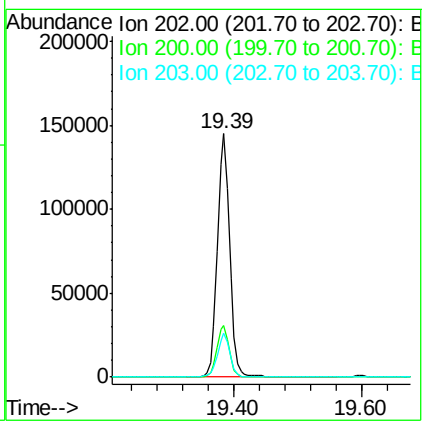


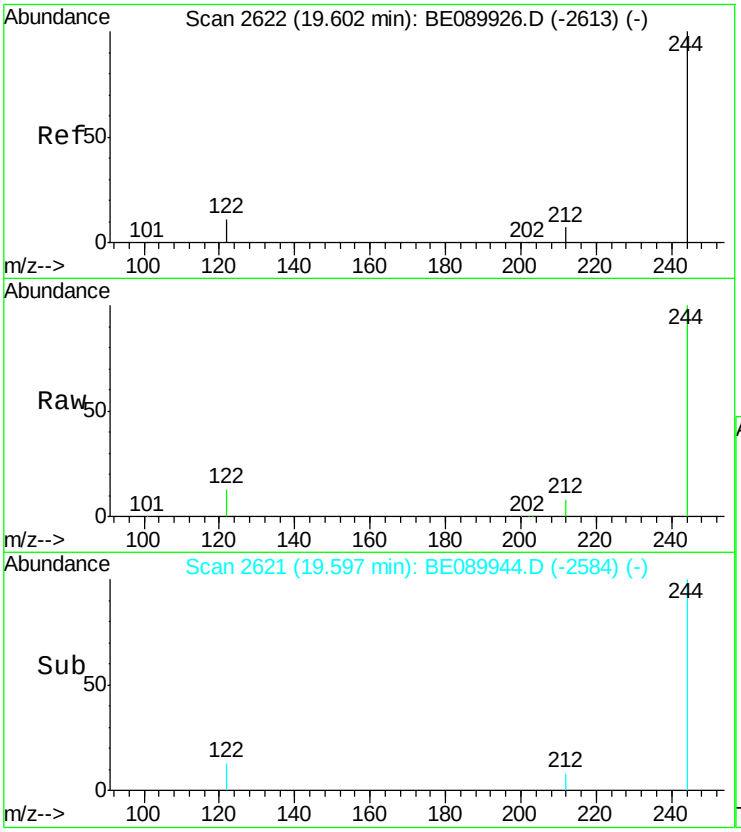


#26
Pyrene
Concen: 3.82 ng
RT: 19.39 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:202 Resp: 192092

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	13.9	20.9



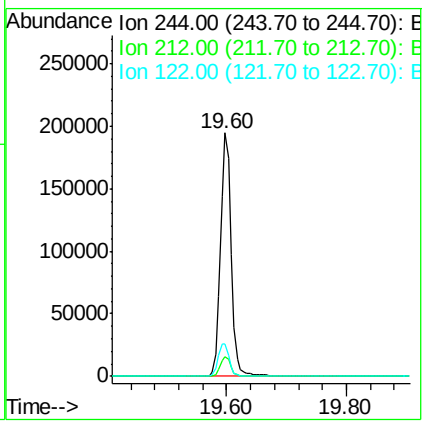


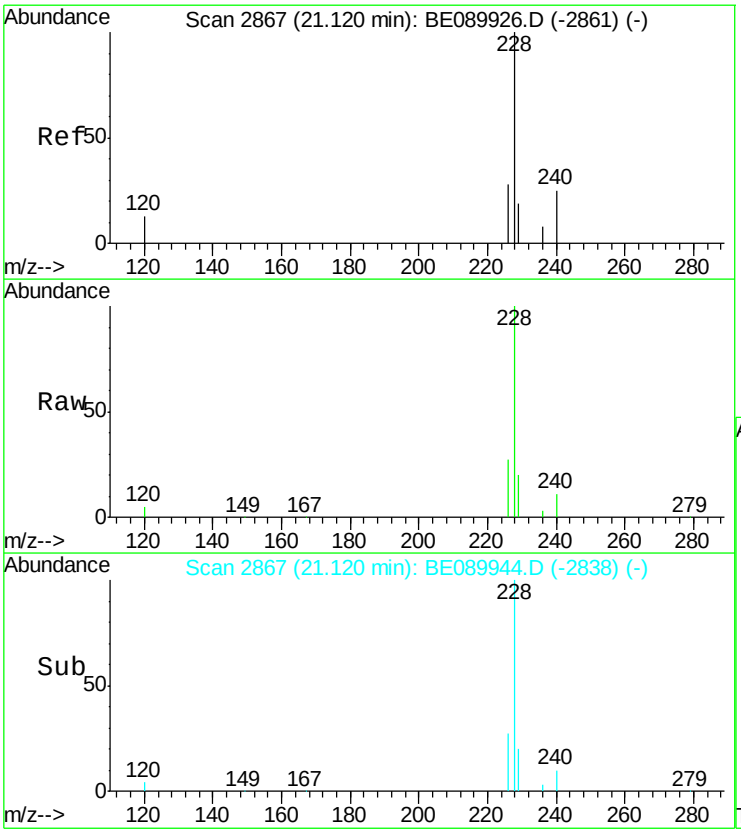
#27
Terphenyl-d14
Concen: 7.18 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:244 Resp: 246283

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.2	8.7	13.1#

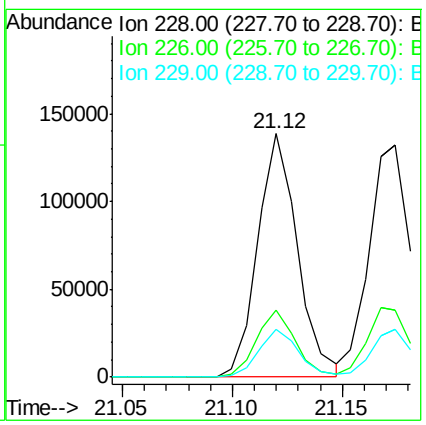


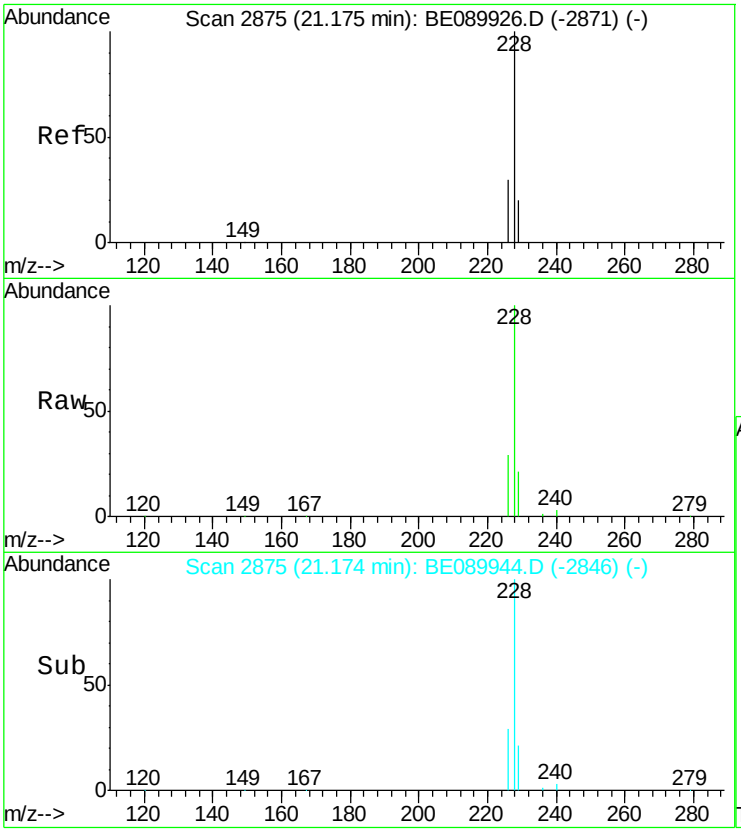


#28
Benzo(a)anthracene
Concen: 3.69 ng
RT: 21.12 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:228 Resp: 175008

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	19.8	15.3	22.9



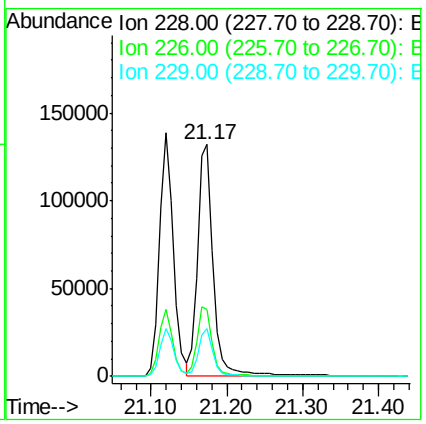


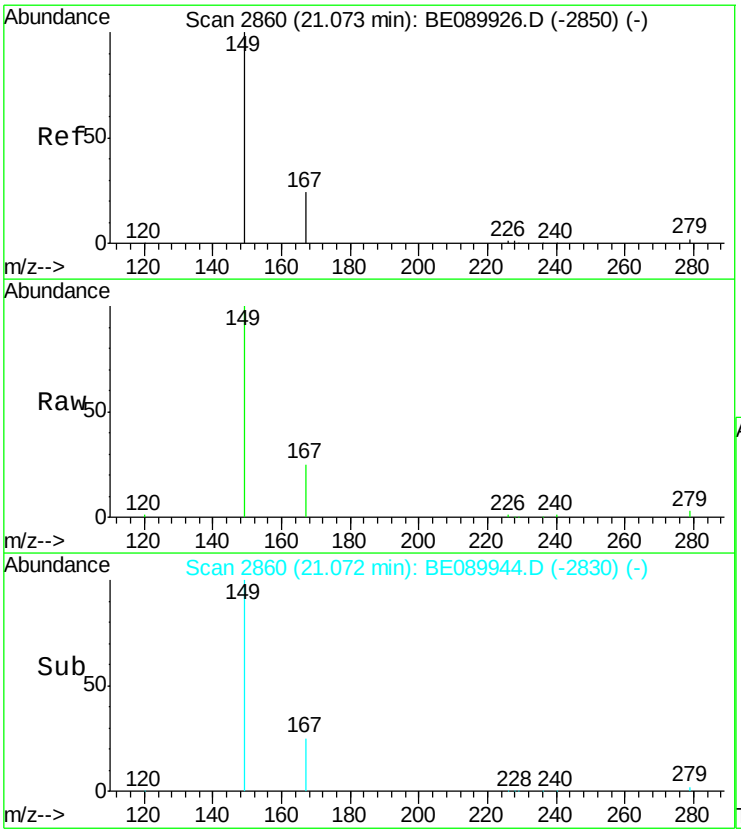
#29
Chrysene
Concen: 3.60 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:228 Resp: 187101

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	20.6	15.8	23.8

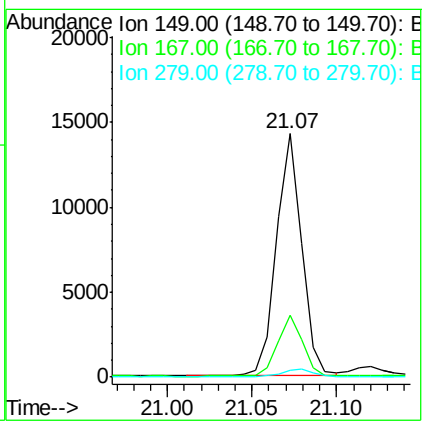


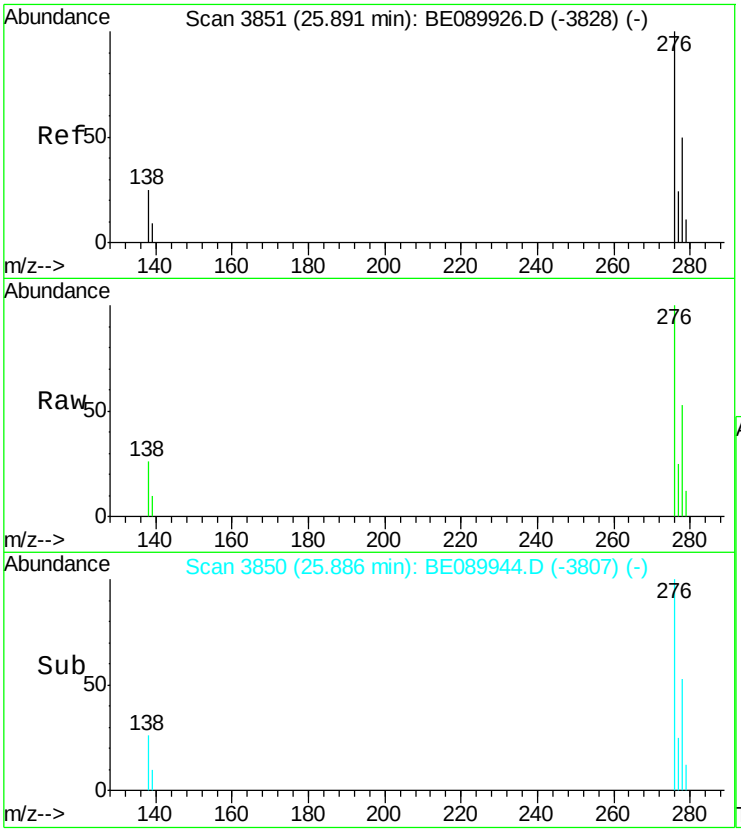


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.60 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:149 Resp: 14577

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	3.1	2.7	4.1



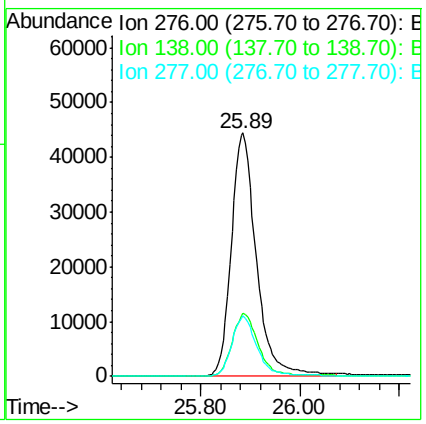


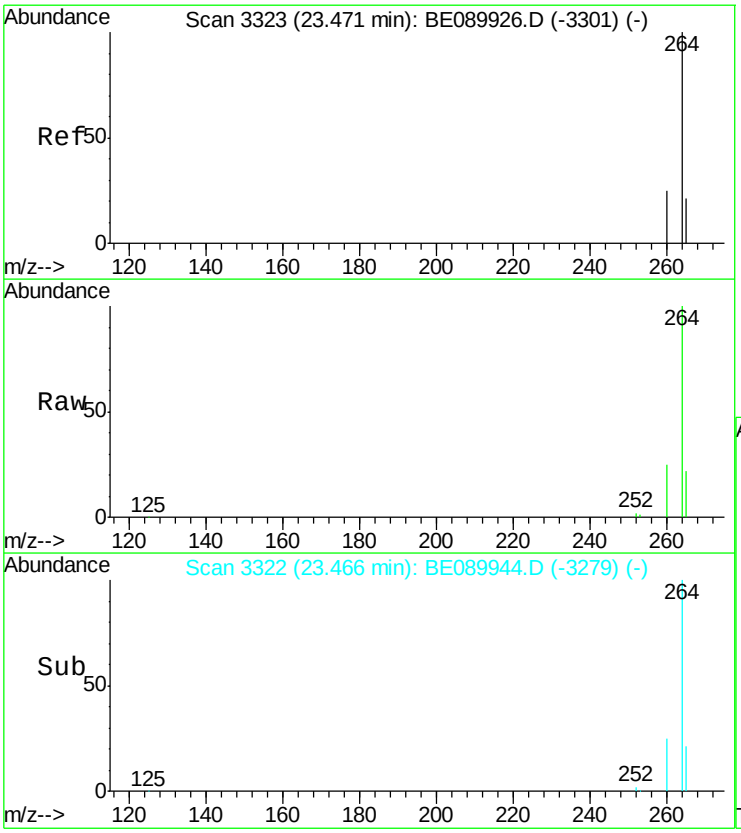
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.09 ng
RT: 25.89 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:276 Resp: 155933

Ion	Ratio	Lower	Upper
276	100		
138	27.1	0.0	0.0#
277	24.9	0.0	0.0#

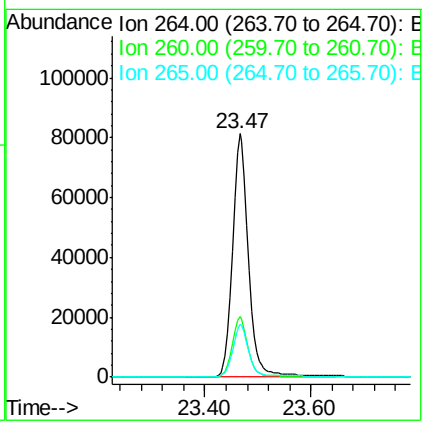


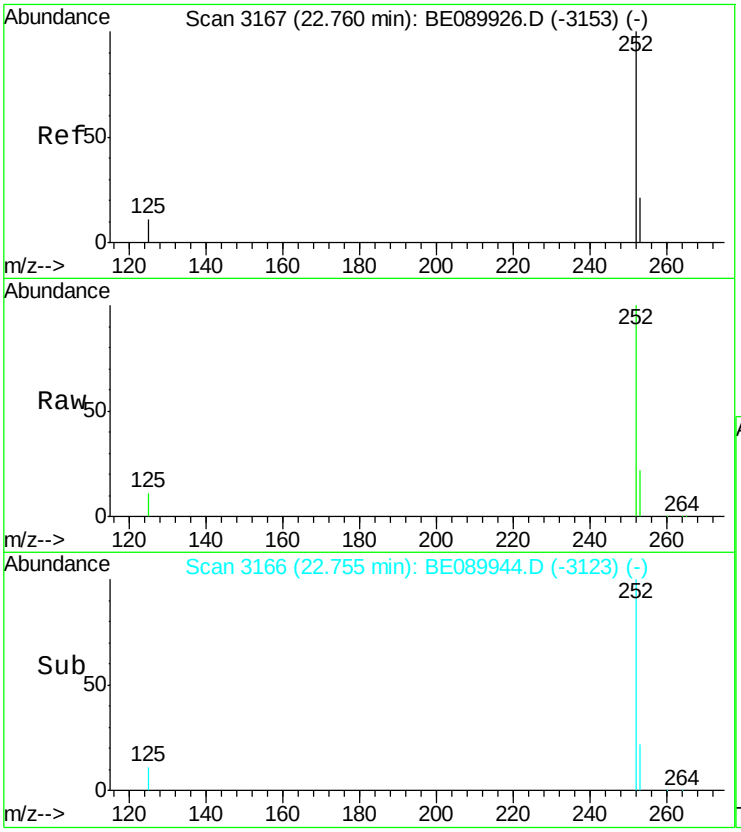


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:264 Resp: 170373

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.6	17.3	25.9



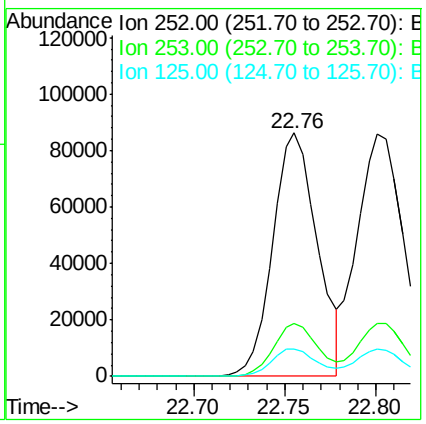


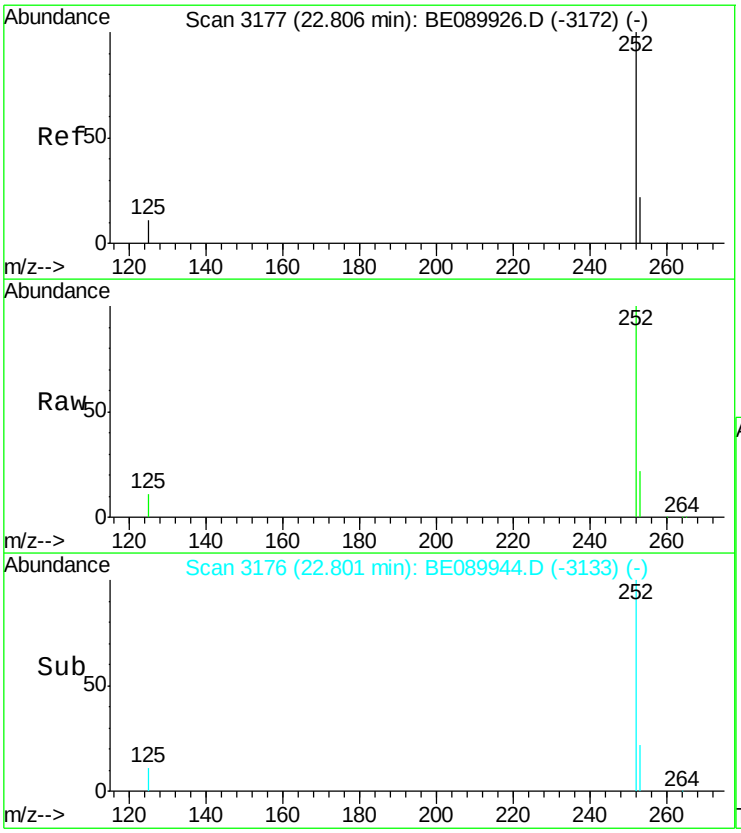
#33
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:252 Resp: 146355

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.4	9.3	13.9

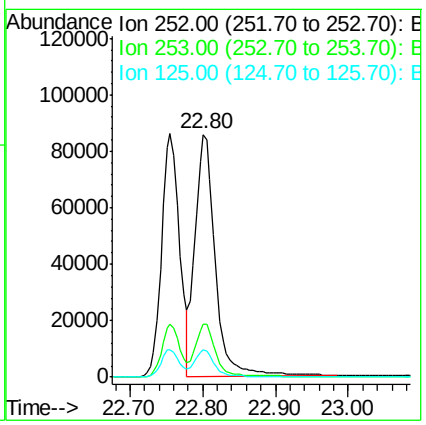


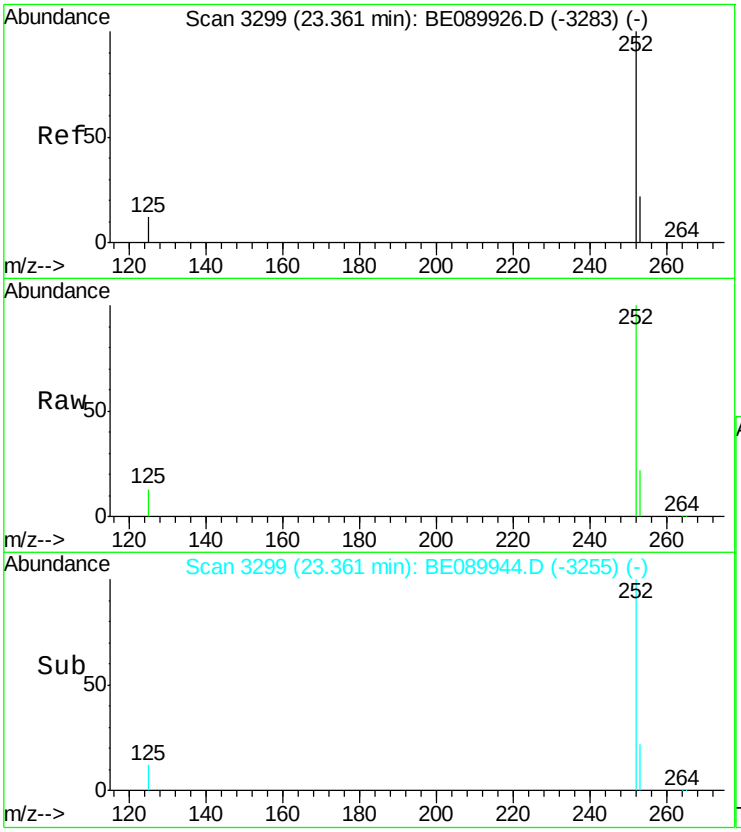


#34
Benzo(k)fluoranthene
Concen: 4.01 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:252 Resp: 163676

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.4	9.2	13.8



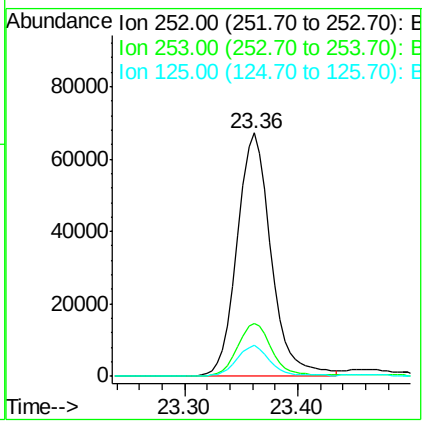


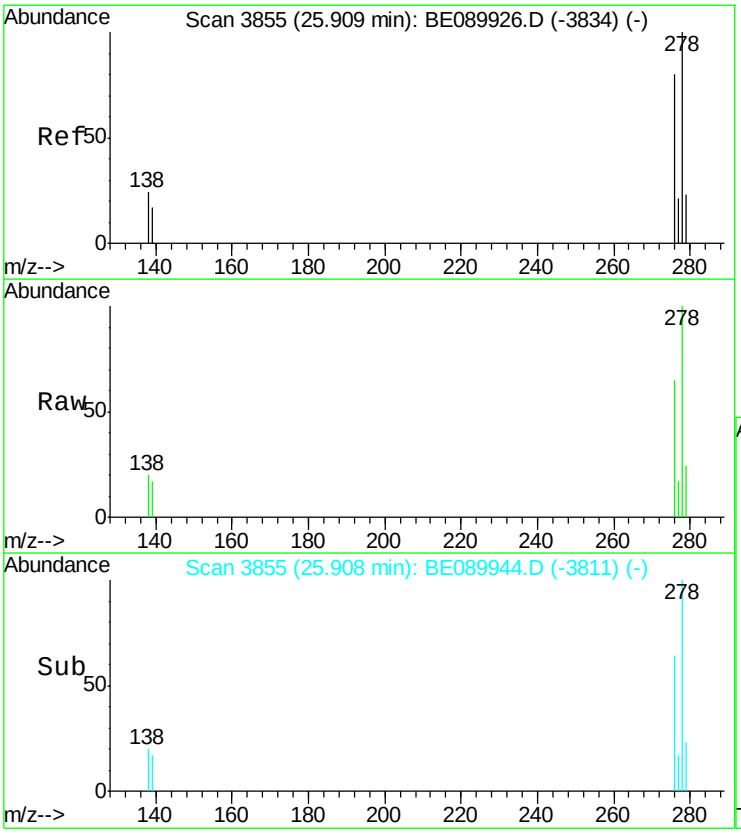
#35
Benzo(a)pyrene
Concen: 4.25 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:252 Resp: 136080

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	12.6	10.3	15.5

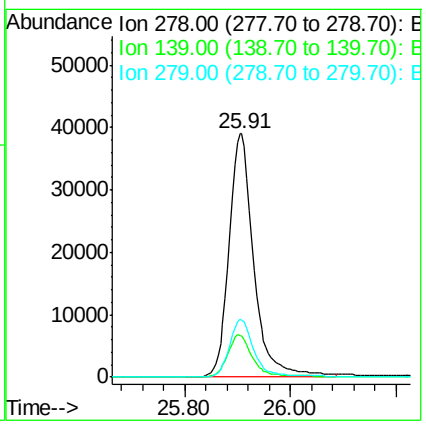


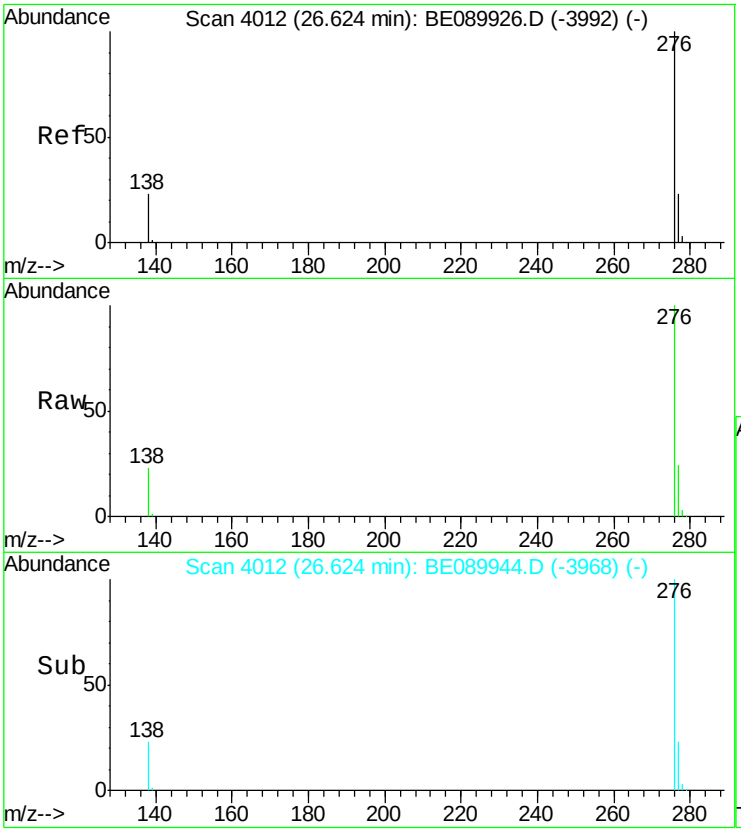


#36
Dibenzo(a,h)anthracene
Concen: 4.25 ng
RT: 25.91 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Tgt Ion:278 Resp: 126660

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1
279	23.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 4.14 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089944.D
Acq: 26 Jun 2015 15:59

Instrument :
BNA_E
ClientSampleId :
PB84221BS

Tgt Ion:276 Resp: 132620

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	23.2	18.8	28.2