Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089942.D
Acq On : 26 Jun 2015 13:09
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Jun 29 04:05:41 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	29980	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	138136	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	84689	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	204217	5.00	ng		0.00
25) Chrysene-d12	21.13	240	220632	5.00	ng		0.00
32) Perylene-d12	23.47	264	195355	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	4696	0.87	ng		0.00
5) Phenol-d6	6.81	99	7148	0.86	ng		0.00
7) Nitrobenzene-d5	8.77	82	9189	0.89	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	848	0.86	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	22285	0.90	ng		0.00
27) Terphenyl-d14	19.60	244	33751	0.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	3583	0.99	ng		95
3) n-Nitrosodimethylamine	3.55	42	4681	0.87	ng		98
8) Nitrobenzene	8.81	77	9608	0.88	ng		99
9) Naphthalene	10.44	128	28447	0.93	ng		99
10) Hexachlorobutadiene	10.74	225	4581	0.94	ng		99
11) 2-Methylnaphthalene	12.05	142	18931	0.90	ng		99
15) Acenaphthylene	13.95	152	137425	0.93	ng		100
16) Acenaphthene	14.30	154	20473	0.94	ng		99
17) Fluorene	15.29	166	27233	0.99	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	7212	0.87	ng		97
20) Hexachlorobenzene	16.30	284	33485	0.92	ng		99
21) Pentachlorophenol	16.63	266	1151	0.98	ng		92
22) Phenanthrene	17.01	178	46262	0.90	ng		100
23) Anthracene	17.12	178	42399	0.89	ng		99
24) Fluoranthene	19.02	202	50303	0.90	ng		99
26) Pyrene	19.38	202	51941	0.93	ng		100
28) Benzo(a)anthracene	21.12	228	48582	0.92	ng		99
29) Chrysene	21.17	228	51378	0.89	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	3804	0.85	ng		99
31) Indeno(1,2,3-cd)pyrene	25.88	276	41131	0.97	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	39921	0.97	ng		99
34) Benzo(k)fluoranthene	22.80	252	44854	0.96	ng		99
35) Benzo(a)pyrene	23.36	252	34186	0.93	ng		100
36) Dibenzo(a,h)anthracene	25.90	278	32492	0.95	ng		100
37) Benzo(g,h,i)perylene	26.62	276	34689	0.94	ng		99

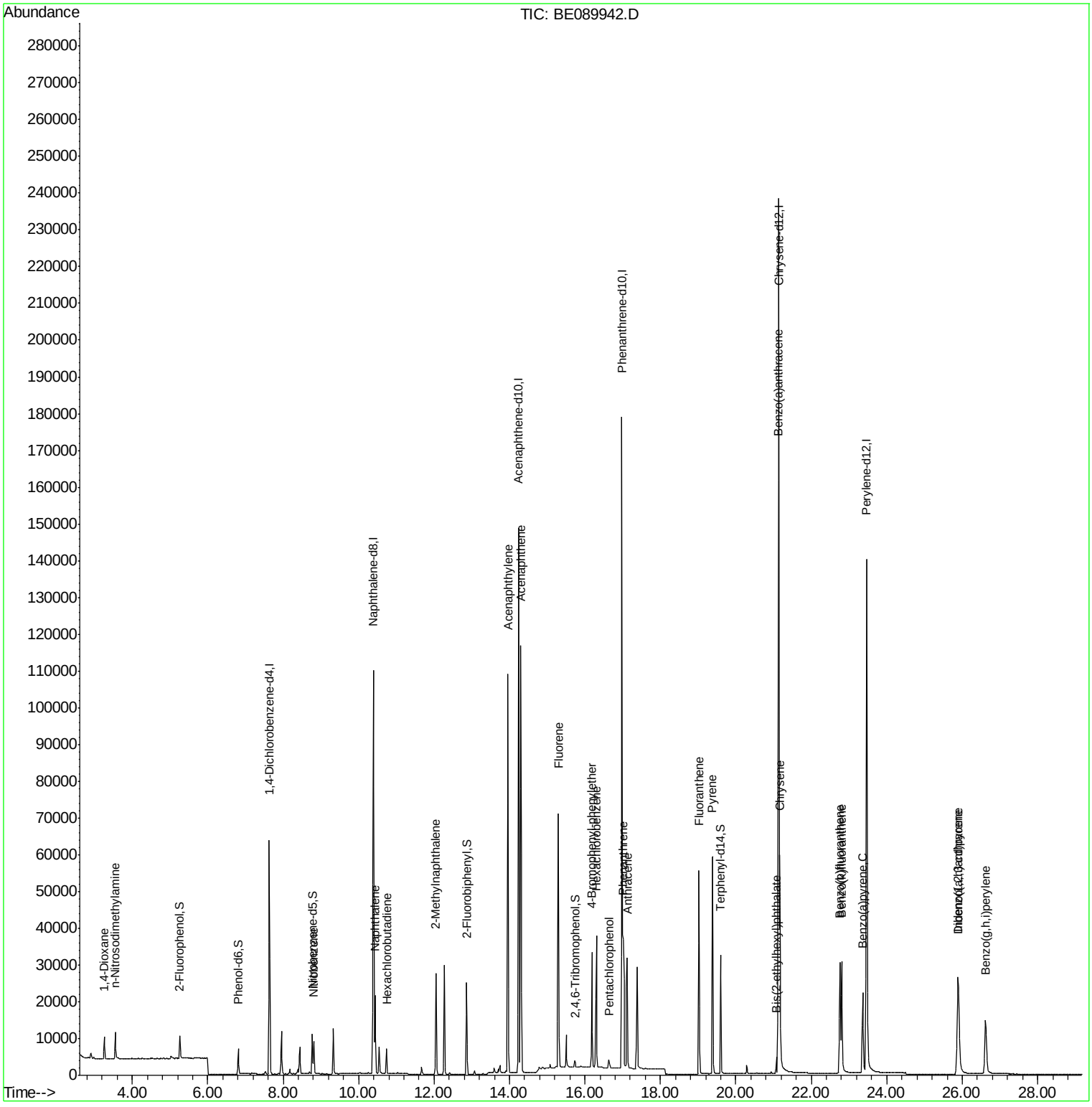
(#) = qualifier out of range (m) = manual integration (+) = signals summed

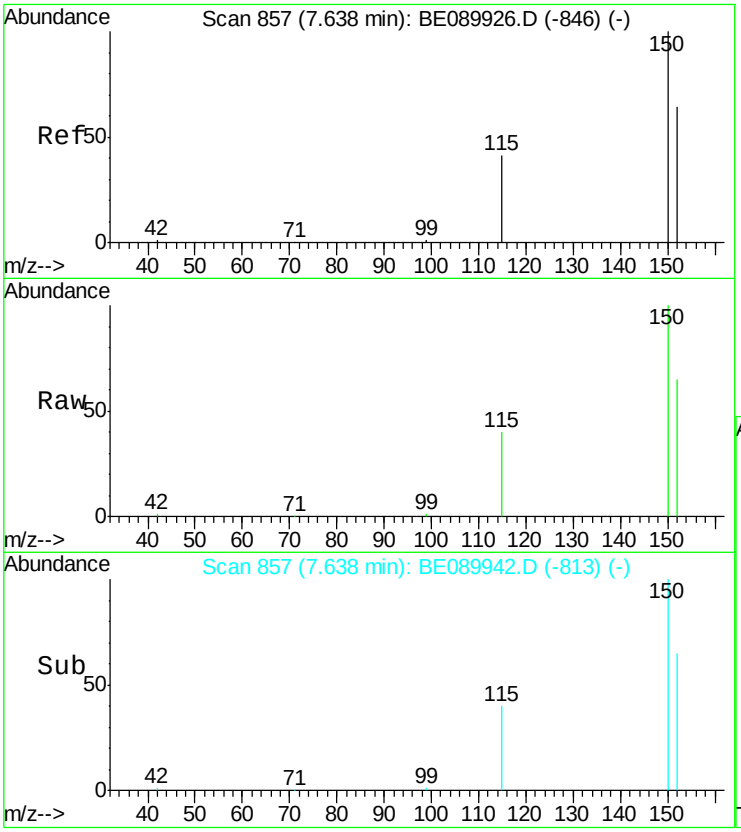
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089942.D
Acq On : 26 Jun 2015 13:09
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Jun 29 04:05:41 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



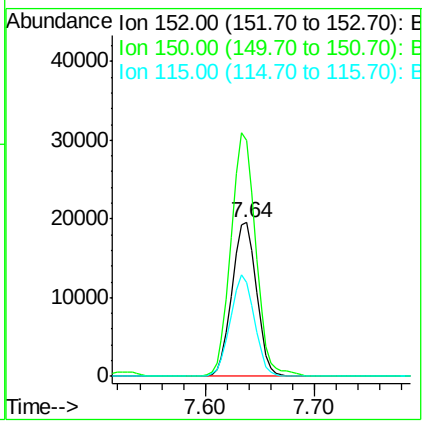


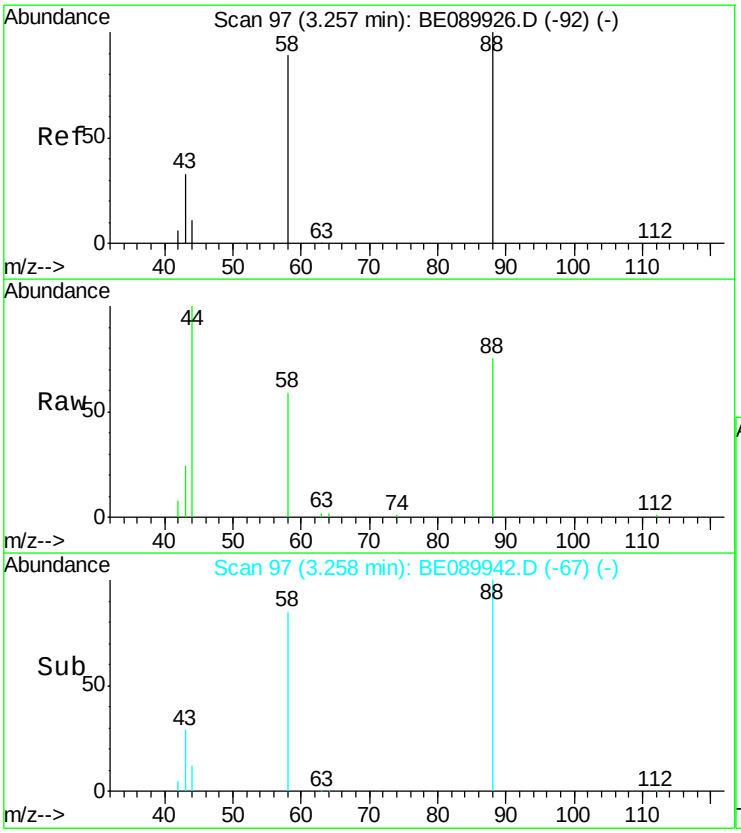
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 29980

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	61.2	51.6	77.4

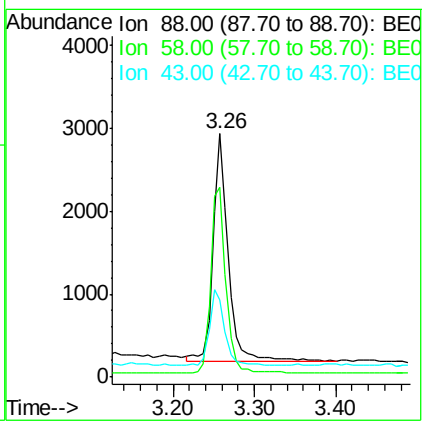


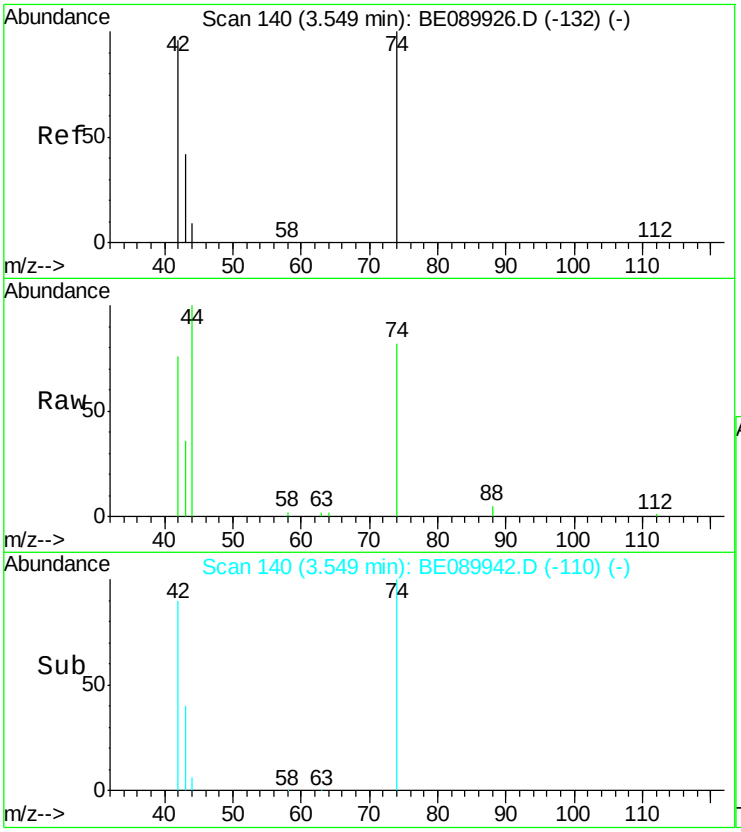


#2
1,4-Dioxane
Concen: 0.99 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion: 88 Resp: 3583

Ion	Ratio	Lower	Upper
88	100		
58	82.0	70.8	106.2
43	32.8	26.8	40.2



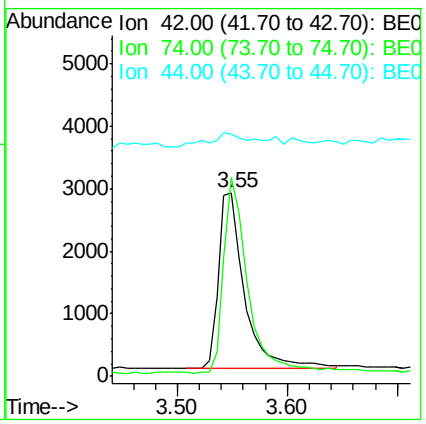


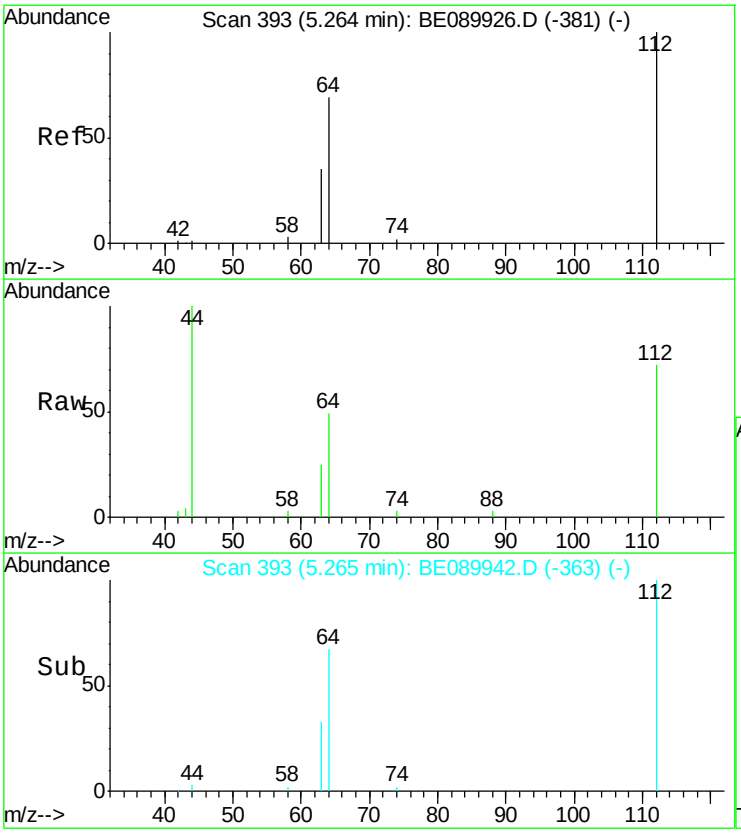
#3
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.55 min Scan# 140
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 4681

Ion	Ratio	Lower	Upper
42	100		
74	104.6	85.4	128.2
44	11.0	8.4	12.6

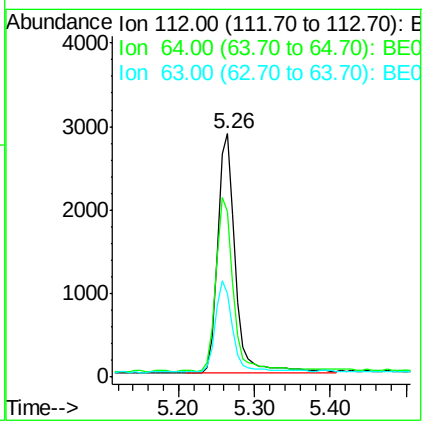


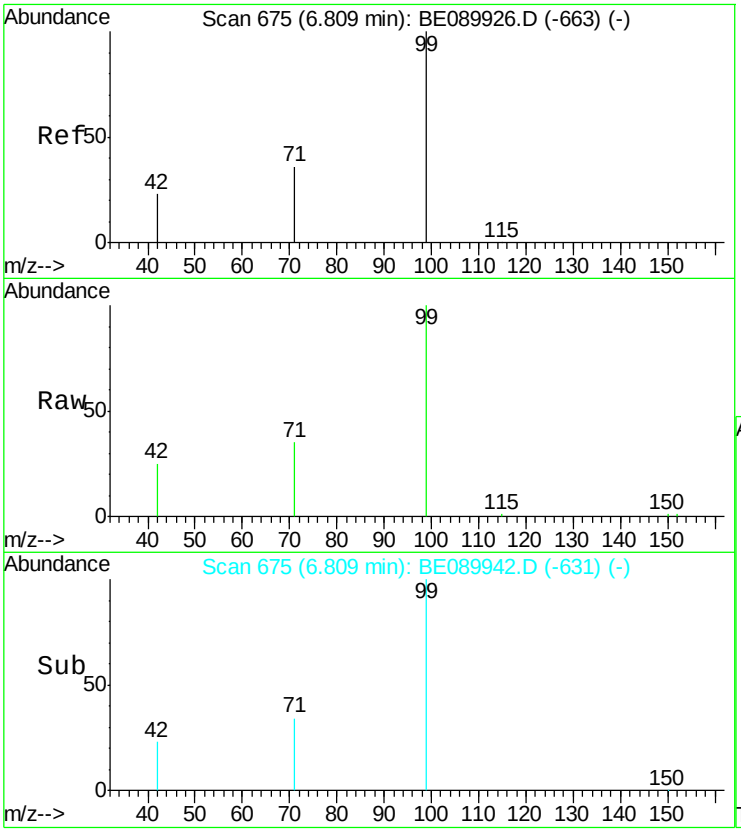


#4
2-Fluorophenol
Concen: 0.87 ng
RT: 5.26 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:112 Resp: 4696

Ion	Ratio	Lower	Upper
112	100		
64	70.9	57.4	86.2
63	36.7	31.2	46.8



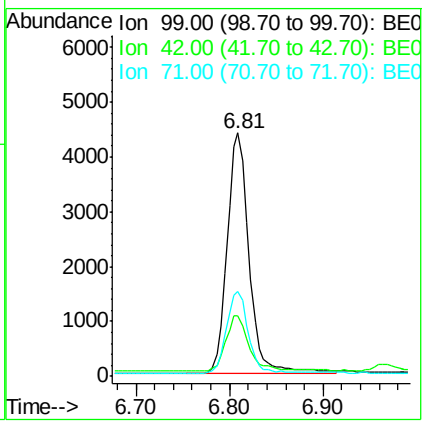


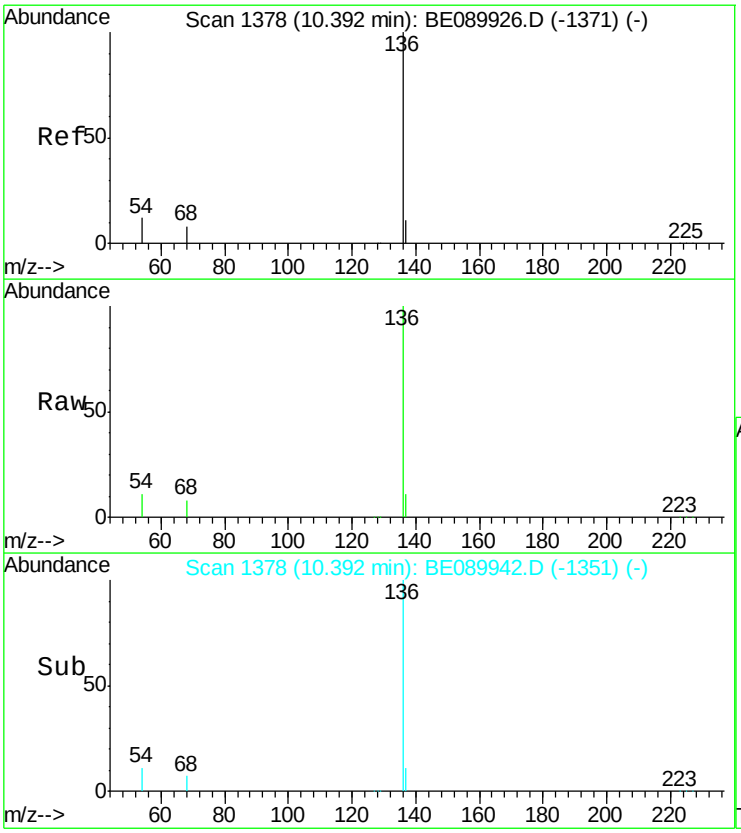
#5
Phenol-d6
Concen: 0.86 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 7148

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.5	29.3
71	34.6	27.8	41.6

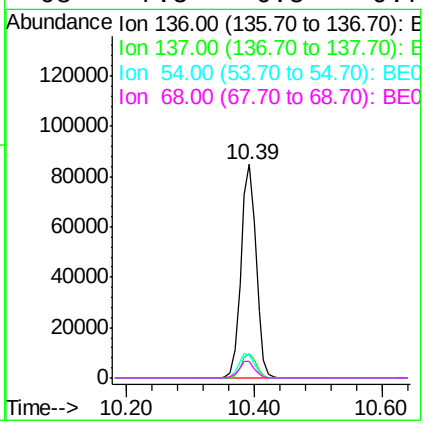


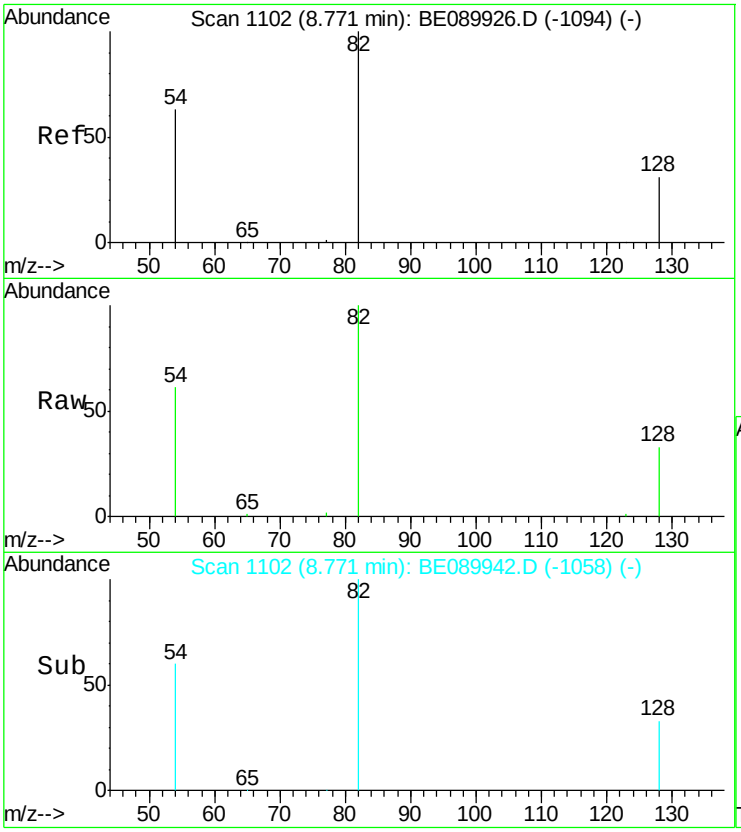


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:136 Resp: 138136

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.8	9.7	14.5
68	7.5	6.5	9.7



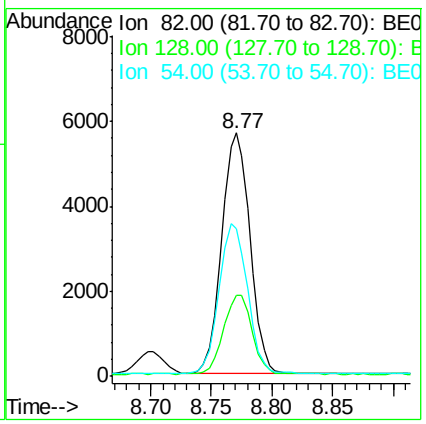


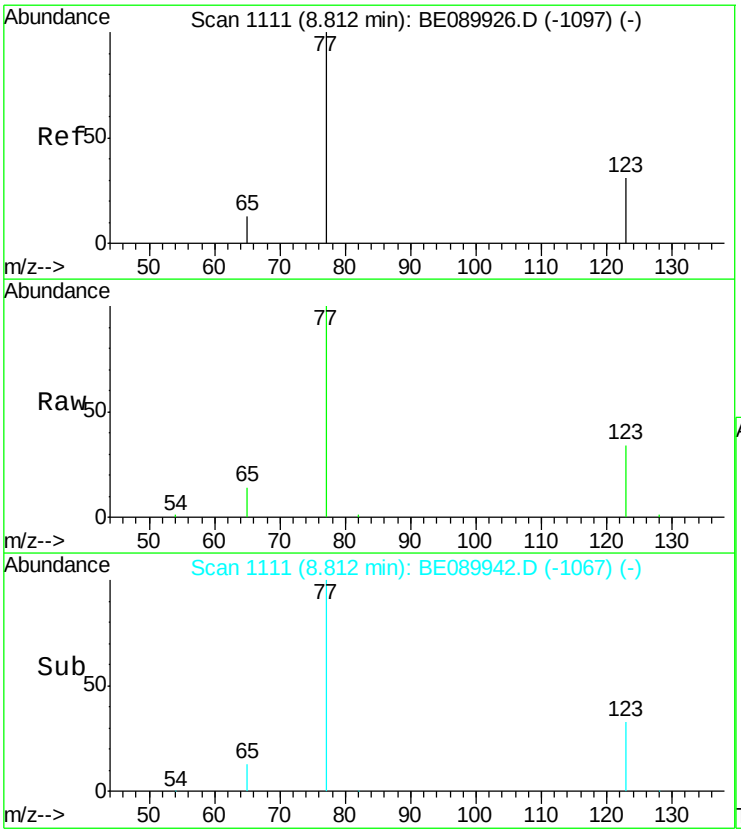
#7
Nitrobenzene-d5
Concen: 0.89 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 9189

Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.6	38.4
54	60.7	51.2	76.8

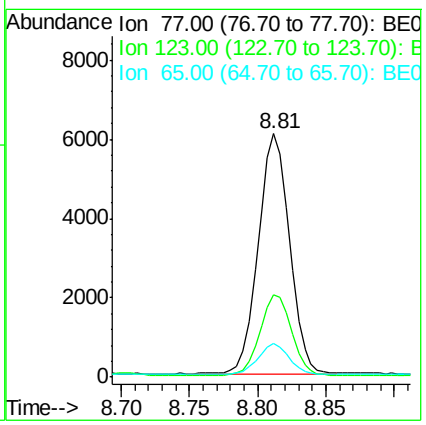


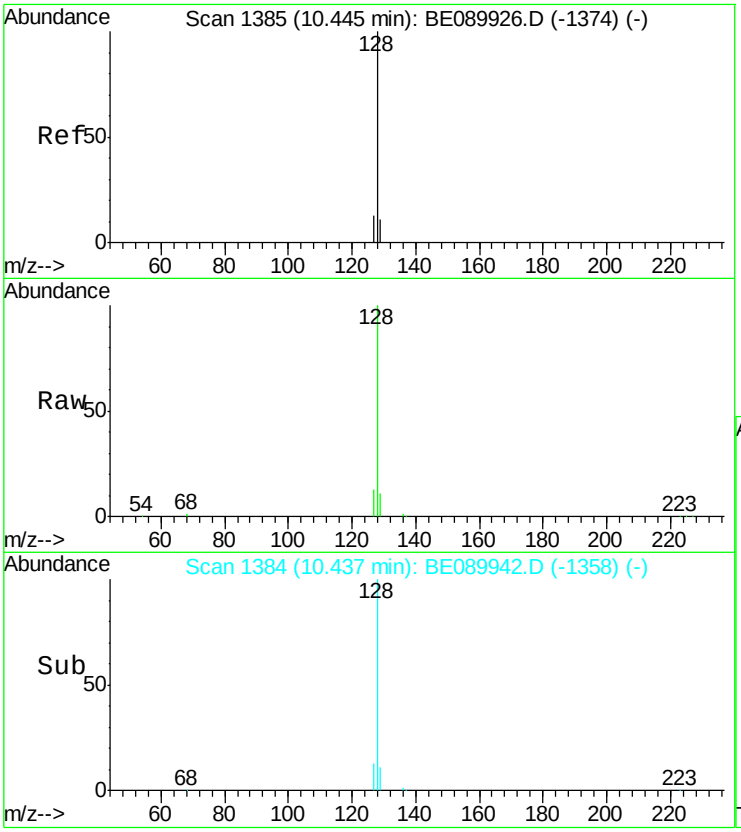


#8
Nitrobenzene
Concen: 0.88 ng
RT: 8.81 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion: 77 Resp: 9608

Ion	Ratio	Lower	Upper
77	100		
123	33.8	26.6	39.8
65	13.0	10.2	15.4



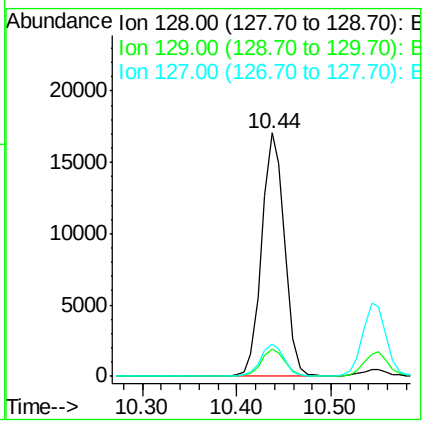


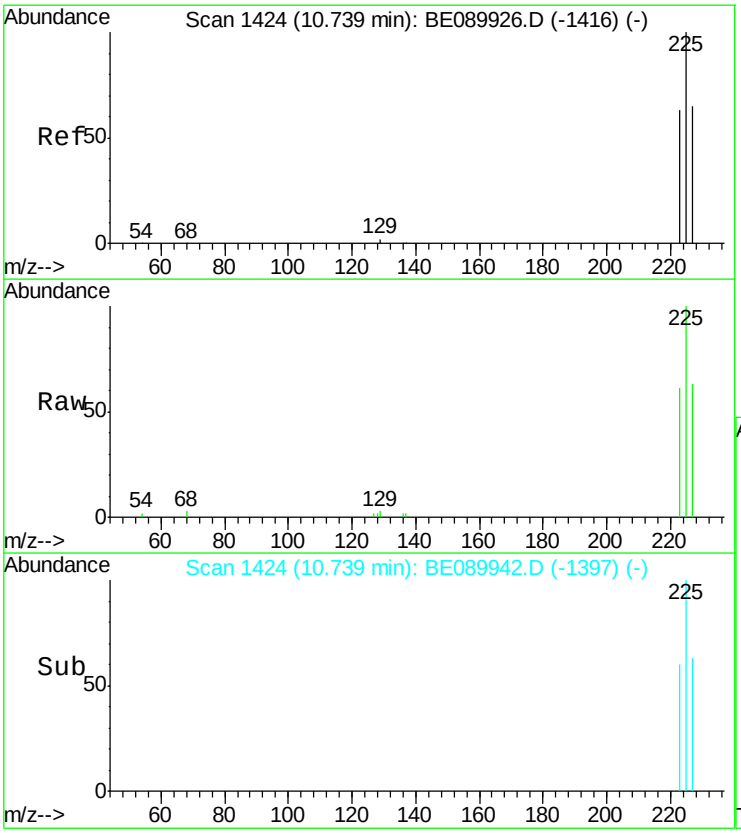
#9
Naphthalene
Concen: 0.93 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 28447

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

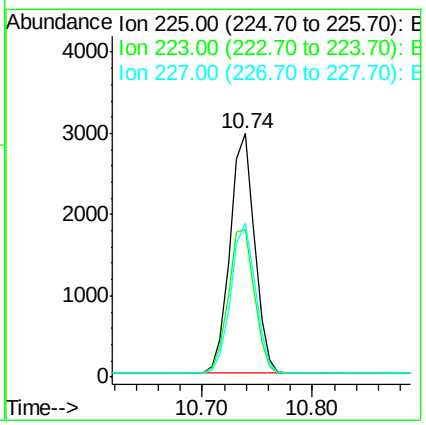


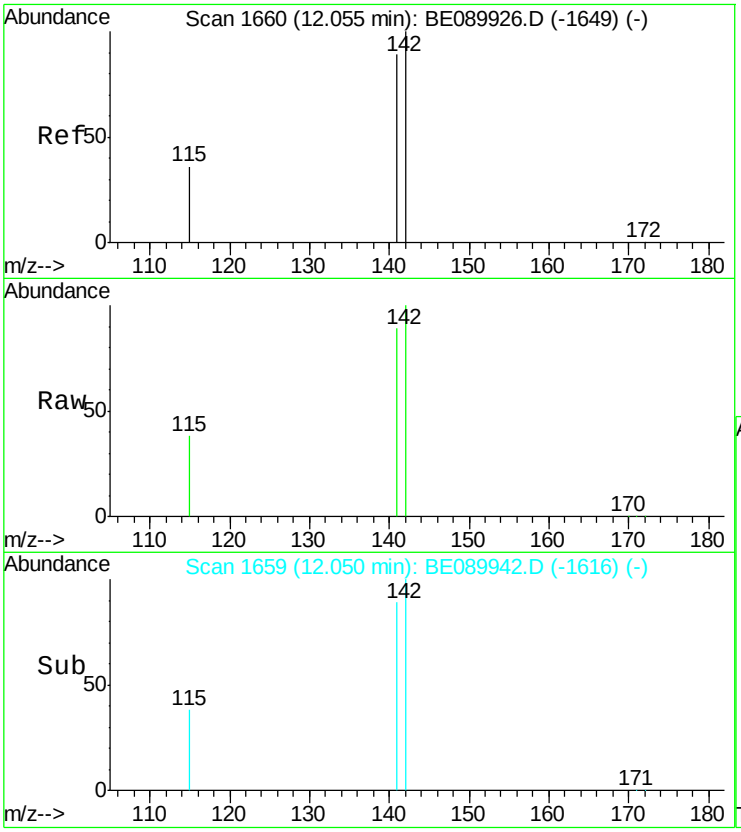


#10
Hexachlorobutadiene
Concen: 0.94 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:225 Resp: 4581

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.0	75.0
227	63.1	50.7	76.1



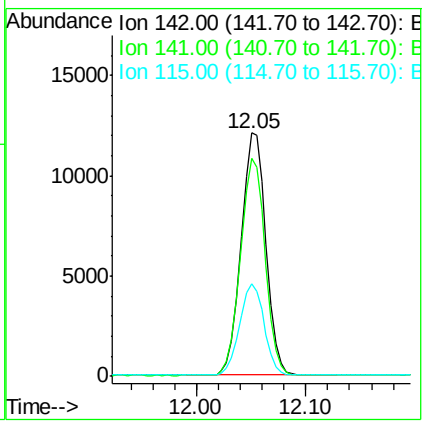


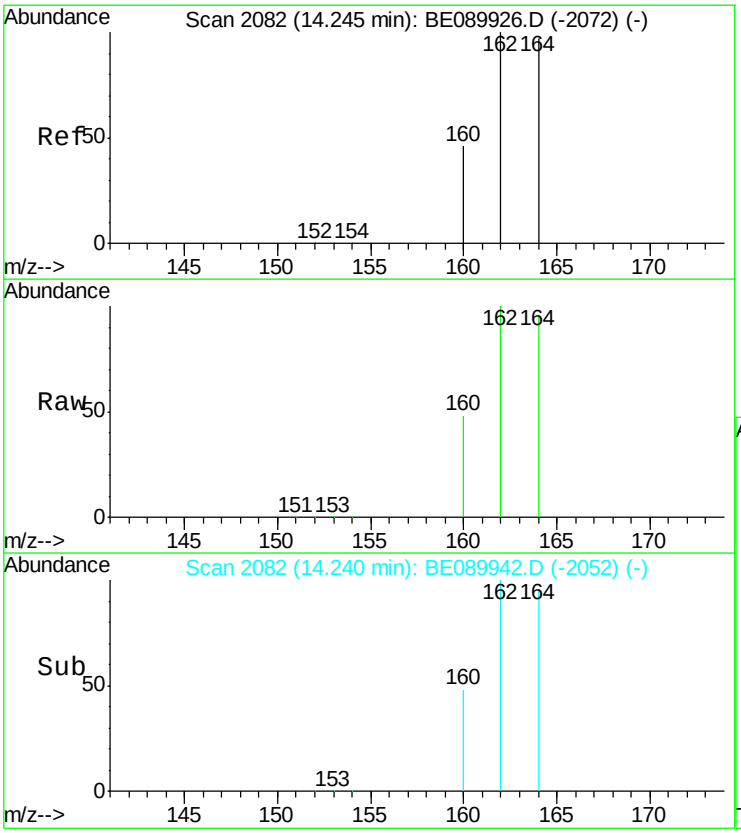
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 18931

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7
115	38.1	29.1	43.7

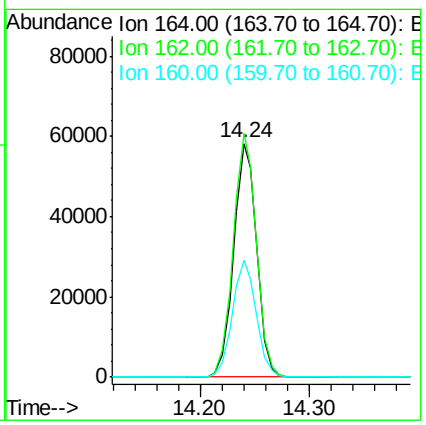


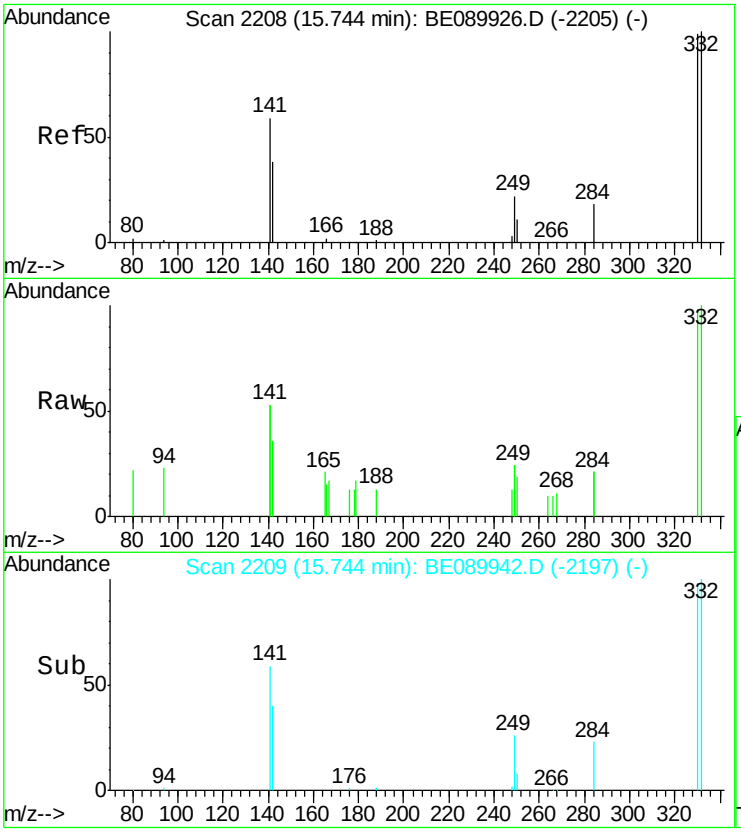


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:164 Resp: 84689

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.7	124.1
160	50.1	38.3	57.5



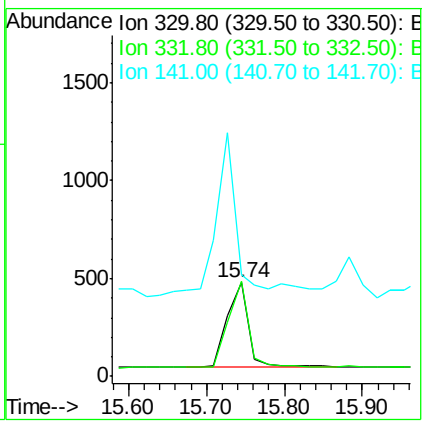


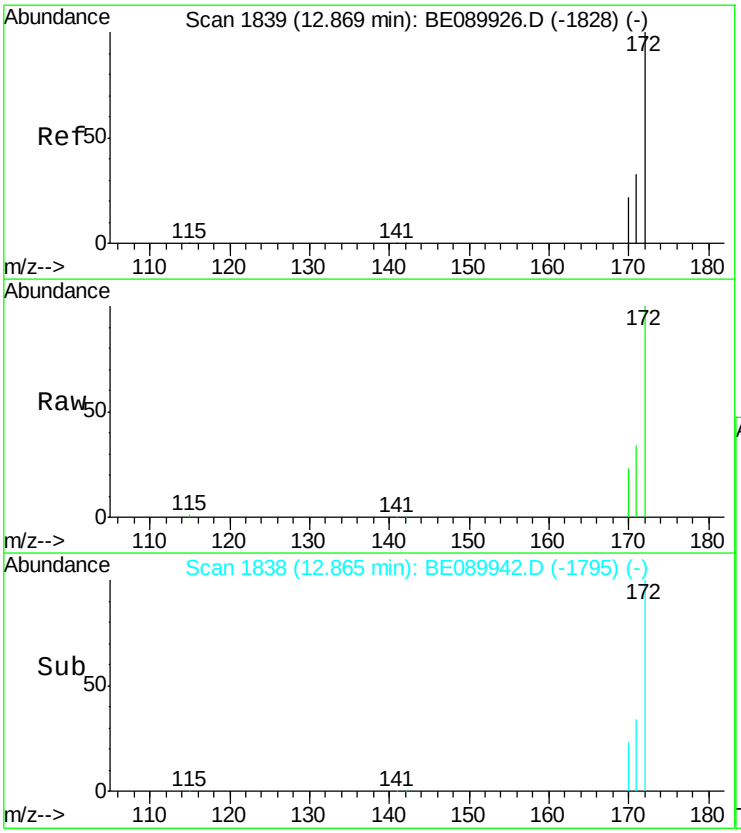
#13
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 848

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	177.2	142.8	214.2

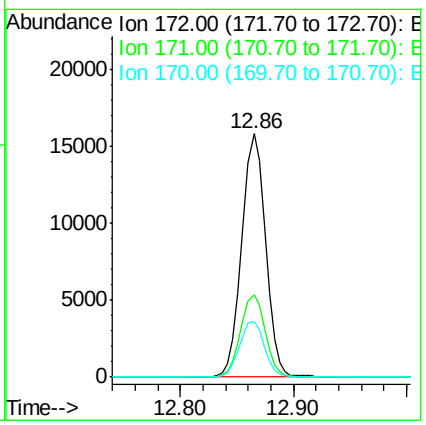


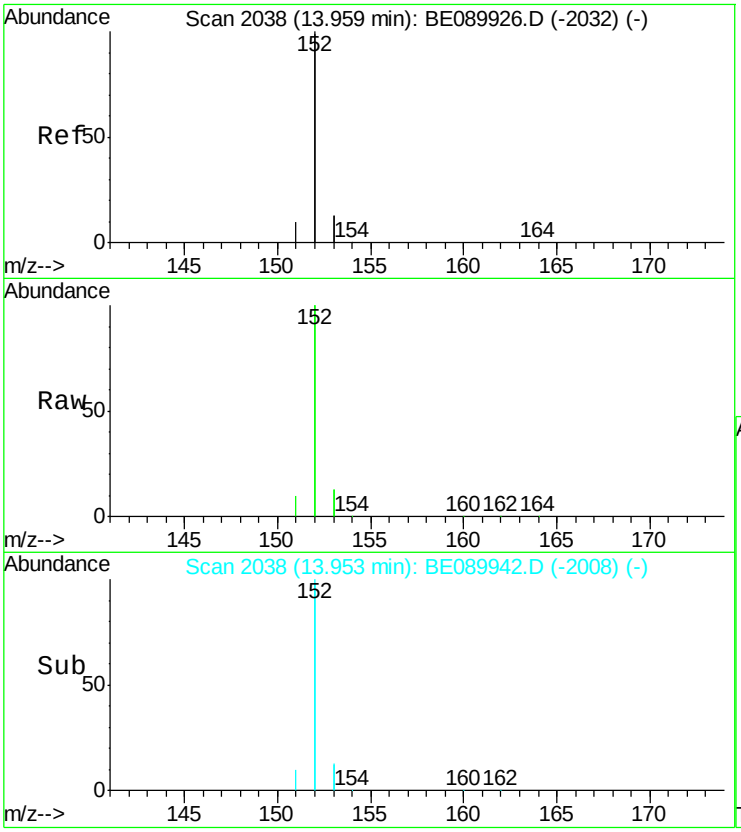


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:172 Resp: 22285

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.7	40.1
170	22.8	17.5	26.3



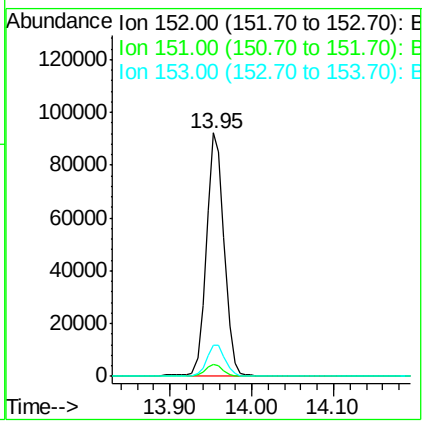


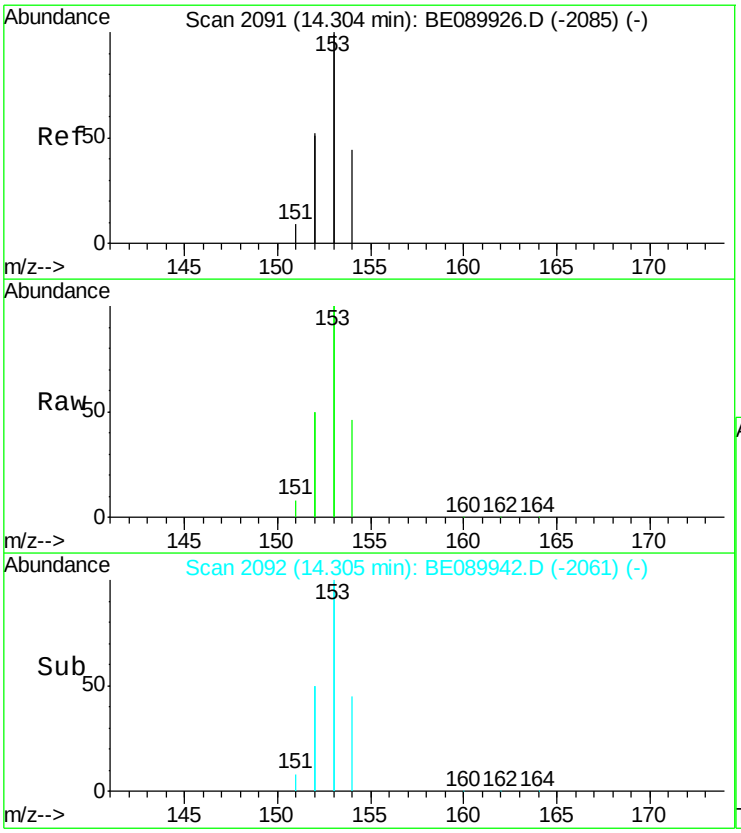
#15
Acenaphthylene
Concen: 0.93 ng
RT: 13.95 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 137425

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

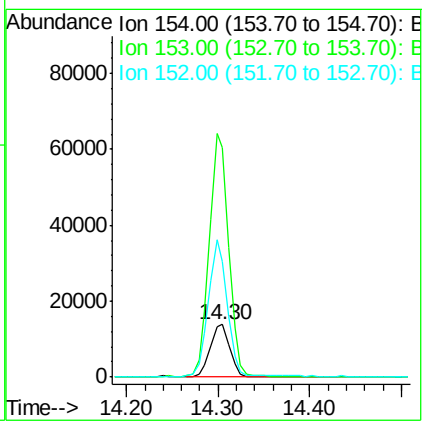


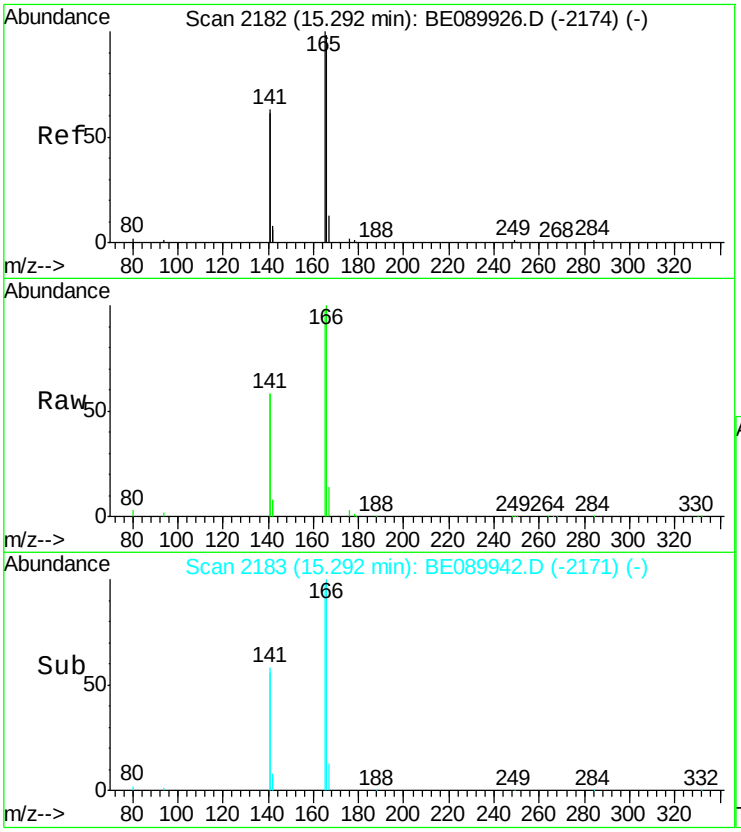


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.30 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:154 Resp: 20473

Ion	Ratio	Lower	Upper
154	100		
153	454.4	362.8	544.2
152	247.8	194.6	291.8



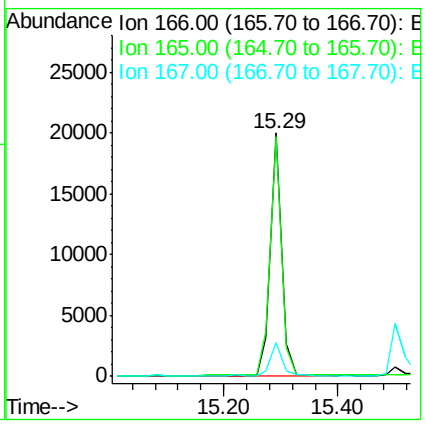


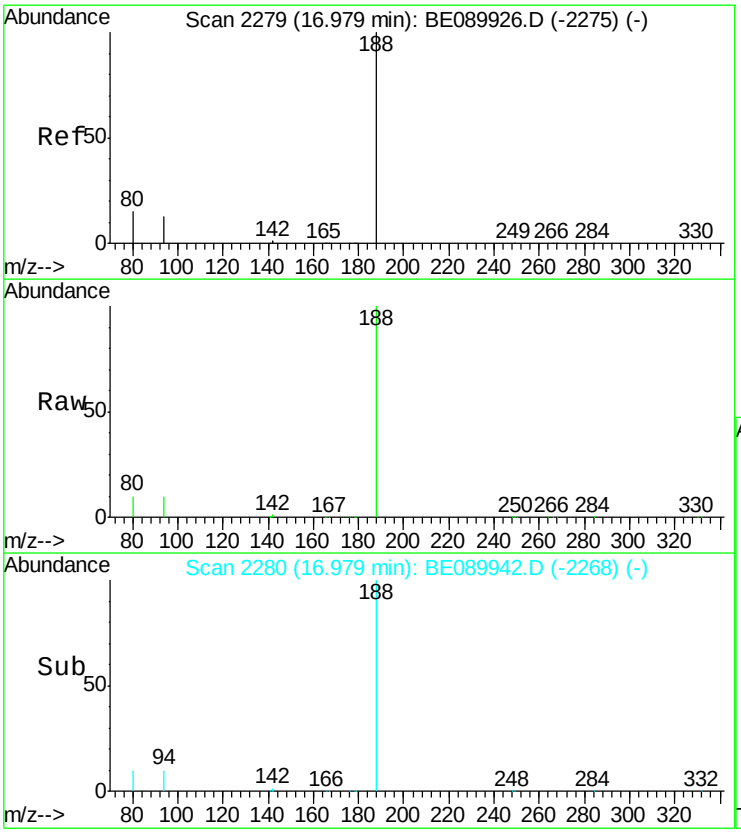
#17
Fluorene
Concen: 0.99 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 27233

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	14.2	11.8	17.8

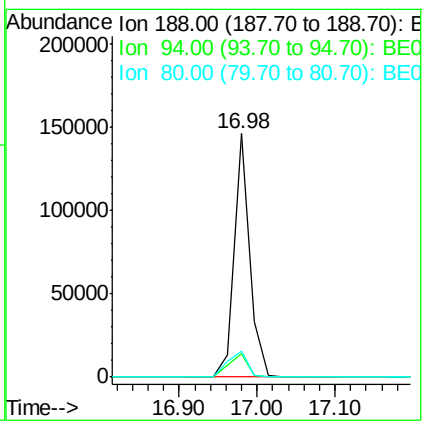


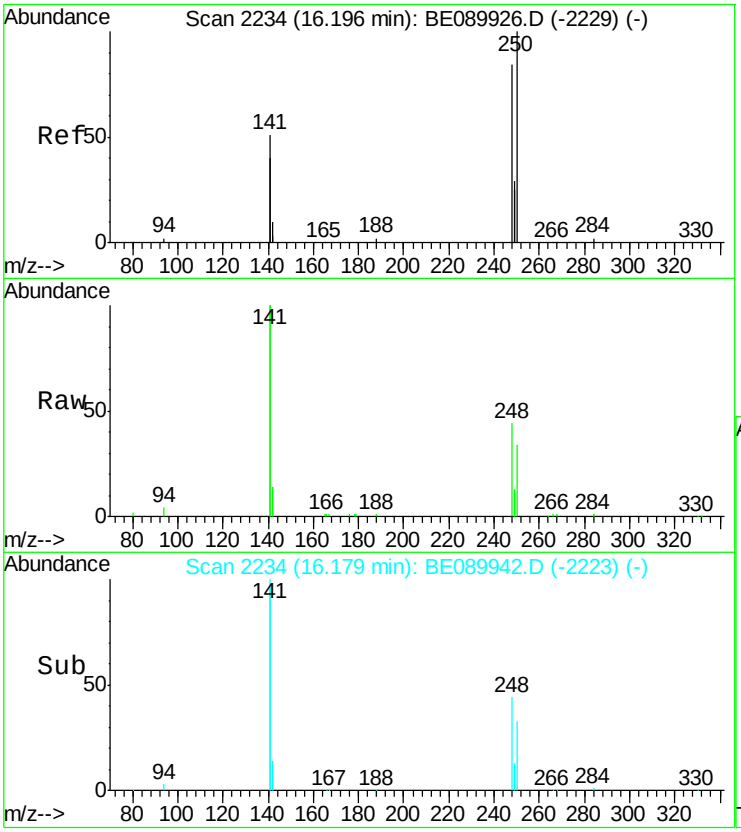


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:188 Resp: 204217

Ion	Ratio	Lower	Upper
188	100		
94	9.7	10.6	16.0#
80	10.5	11.8	17.6#



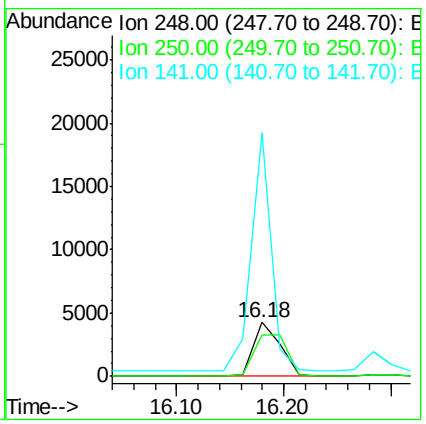


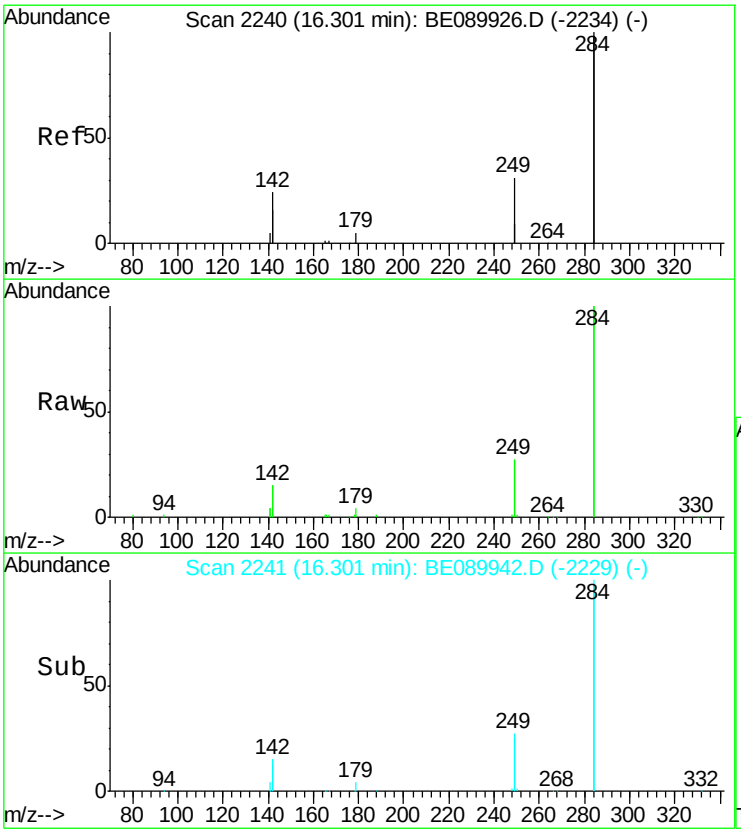
#19
4-Bromophenyl-phenylether
Concen: 0.87 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 7212

Ion	Ratio	Lower	Upper
248	100		
250	95.2	79.3	118.9
141	336.7	274.1	411.1

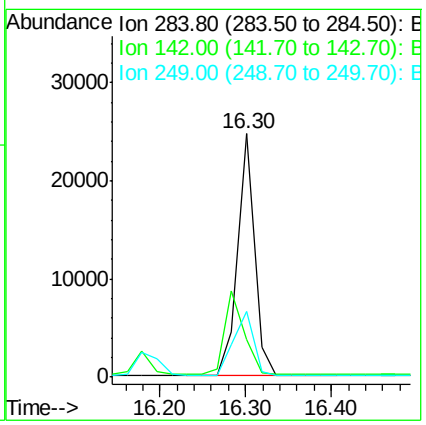


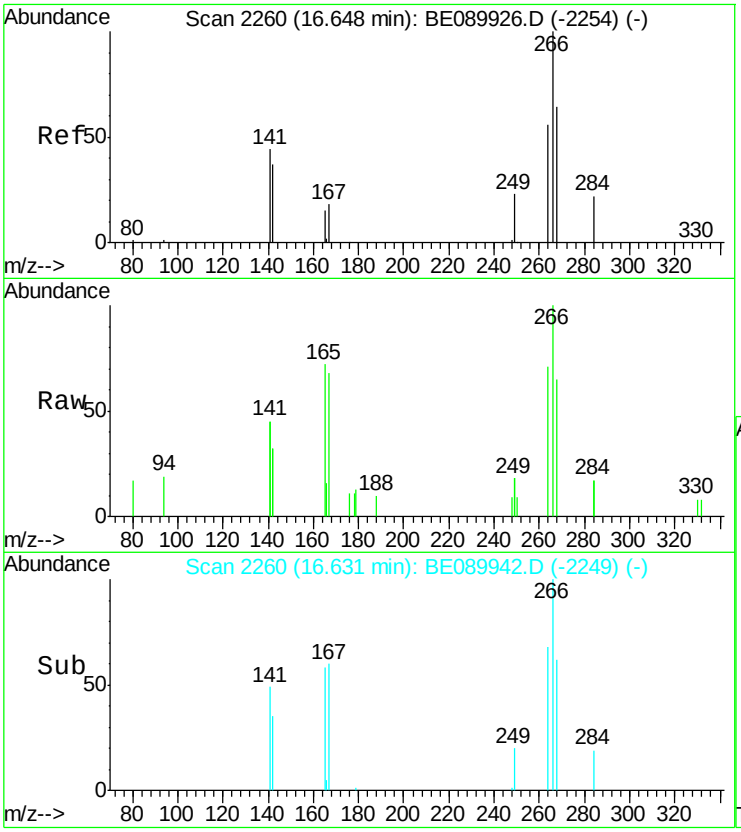


#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:284 Resp: 33485

Ion	Ratio	Lower	Upper
284	100		
142	39.3	32.0	48.0
249	30.7	25.0	37.6



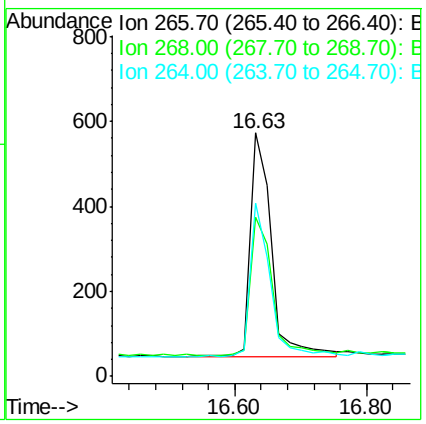


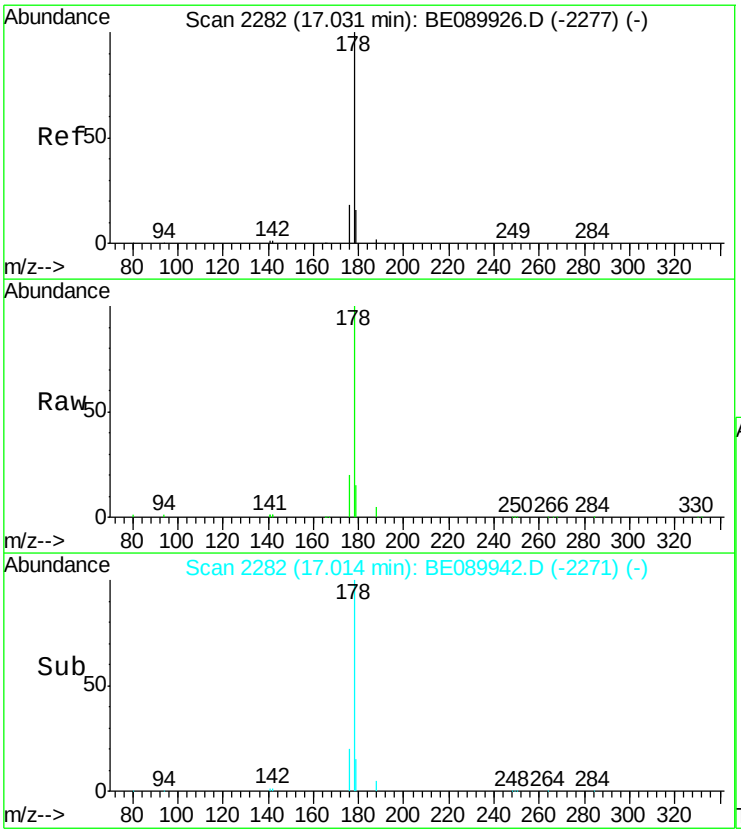
#21
Pentachlorophenol
Concen: 0.98 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1151

Ion	Ratio	Lower	Upper
266	100		
268	65.4	54.4	81.6
264	71.0	48.2	72.2

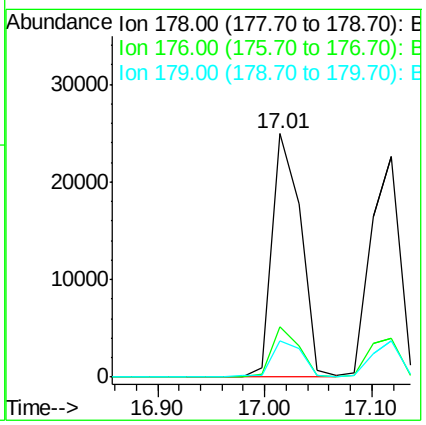


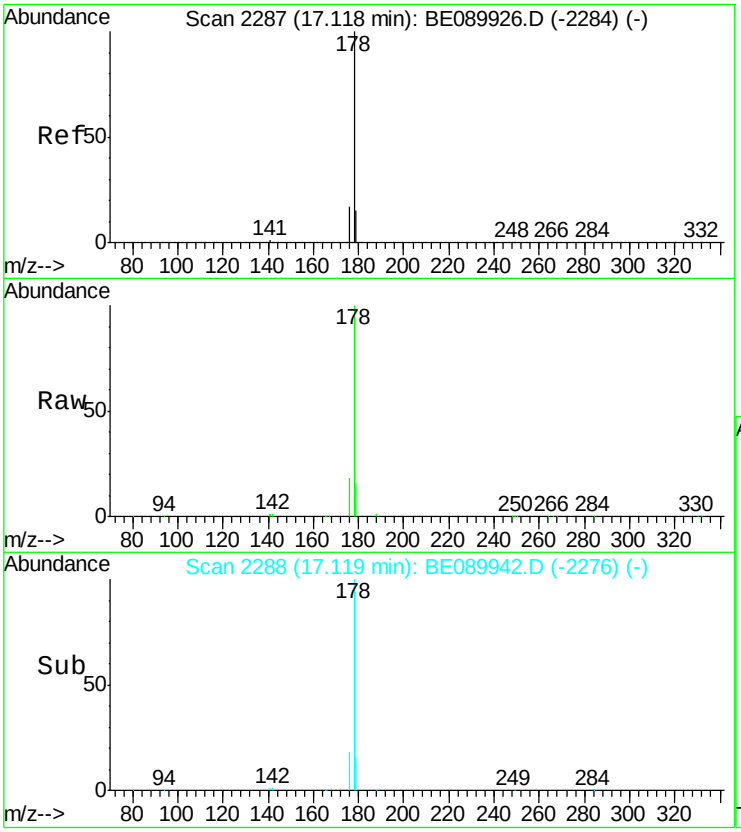


#22
Phenanthrene
Concen: 0.90 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:178 Resp: 46262

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.6	19.0



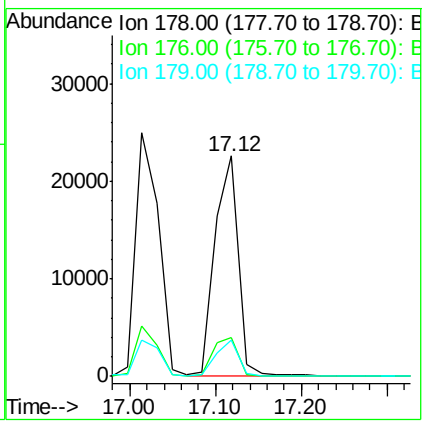


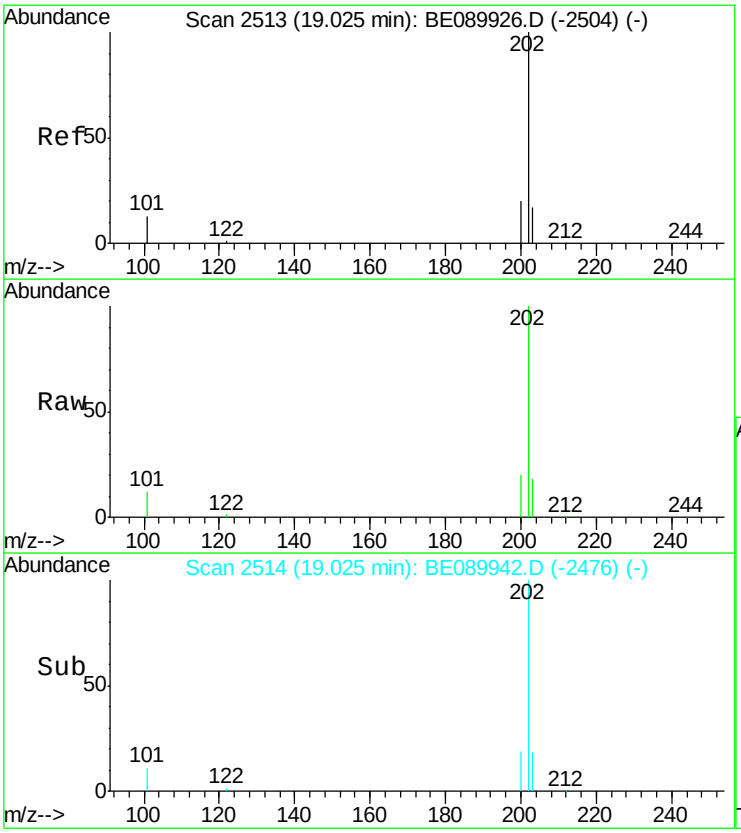
#23
Anthracene
Concen: 0.89 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 42399

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.3	12.3	18.5

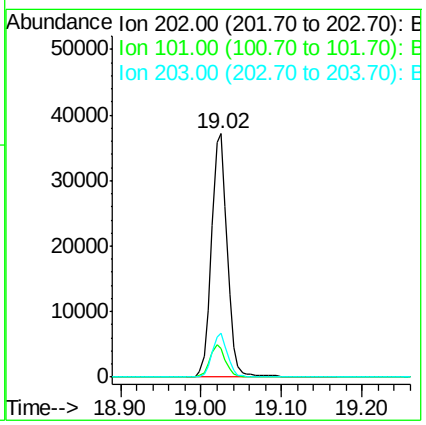


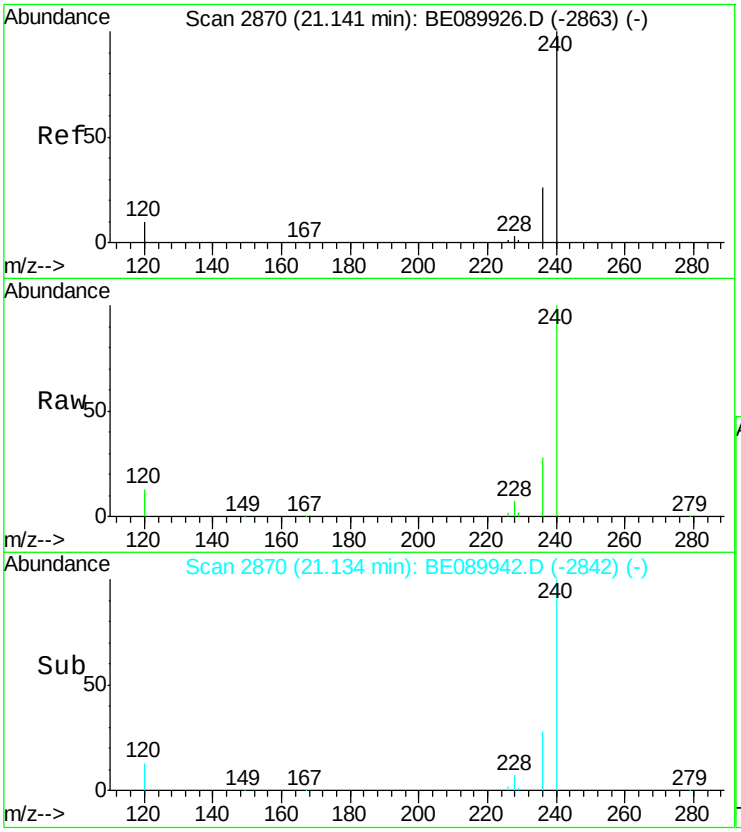


#24
Fluoranthene
Concen: 0.90 ng
RT: 19.02 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:202 Resp: 50303

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	16.0
203	17.3	13.8	20.8



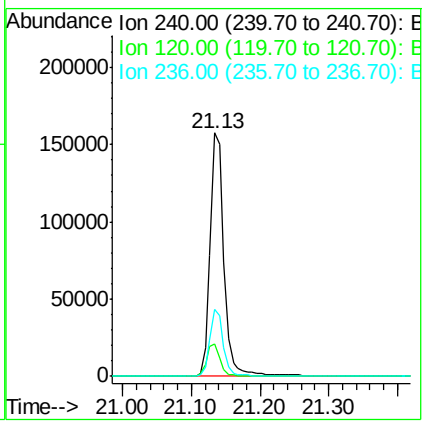


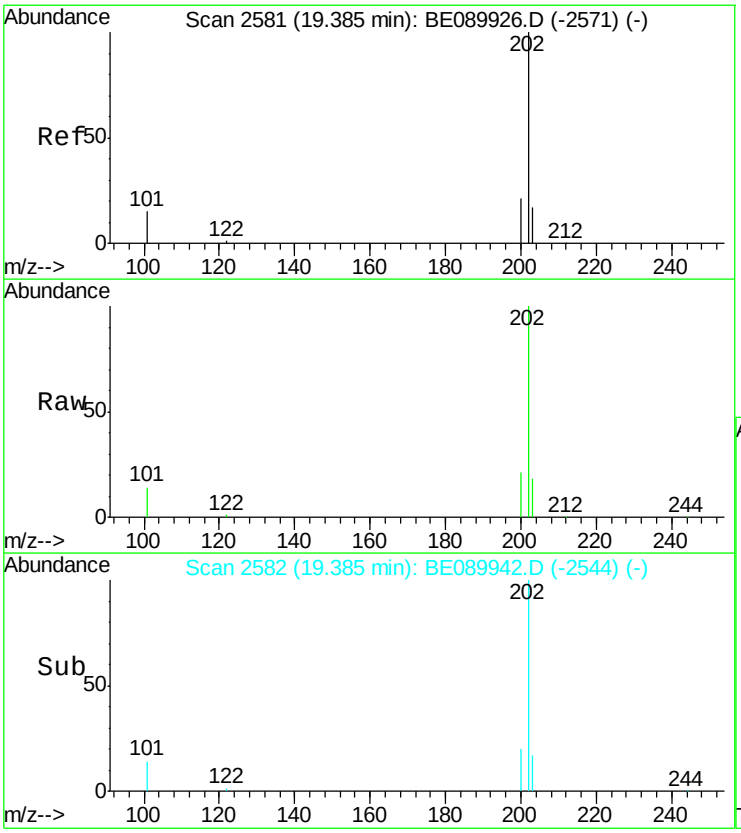
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 220632

Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	27.6	21.2	31.8

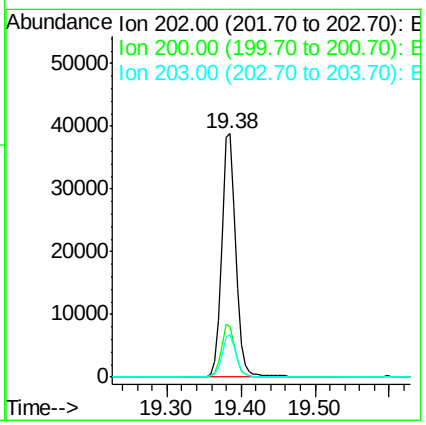


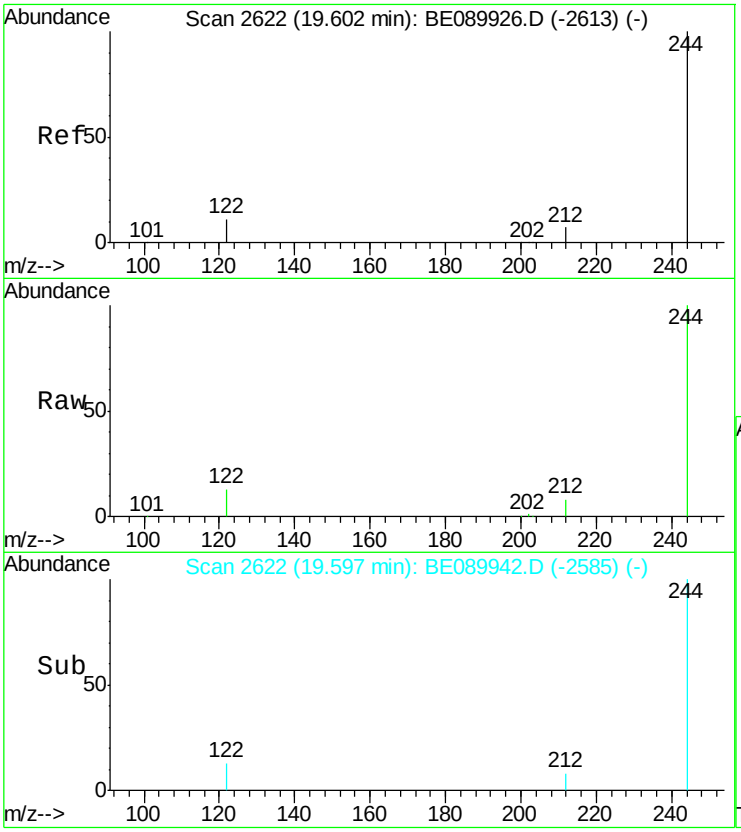


#26
Pyrene
Concen: 0.93 ng
RT: 19.38 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:202 Resp: 51941

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.4	13.9	20.9



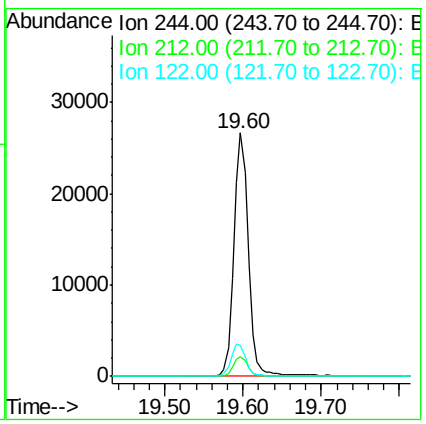


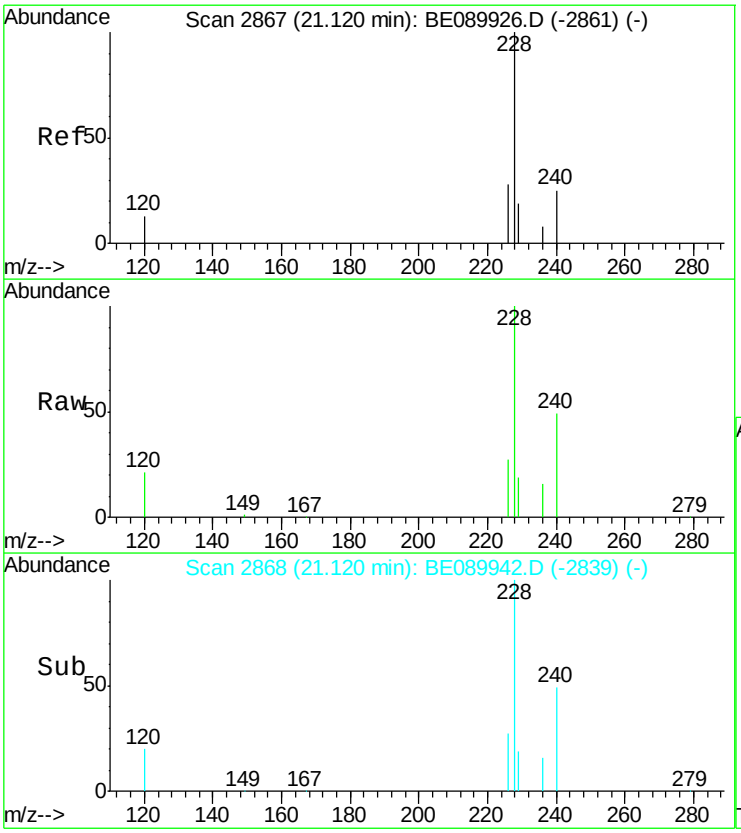
#27
Terphenyl-d14
Concen: 0.89 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 33751

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.8	8.7	13.1

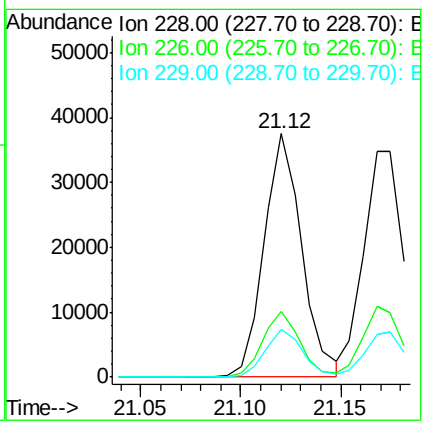


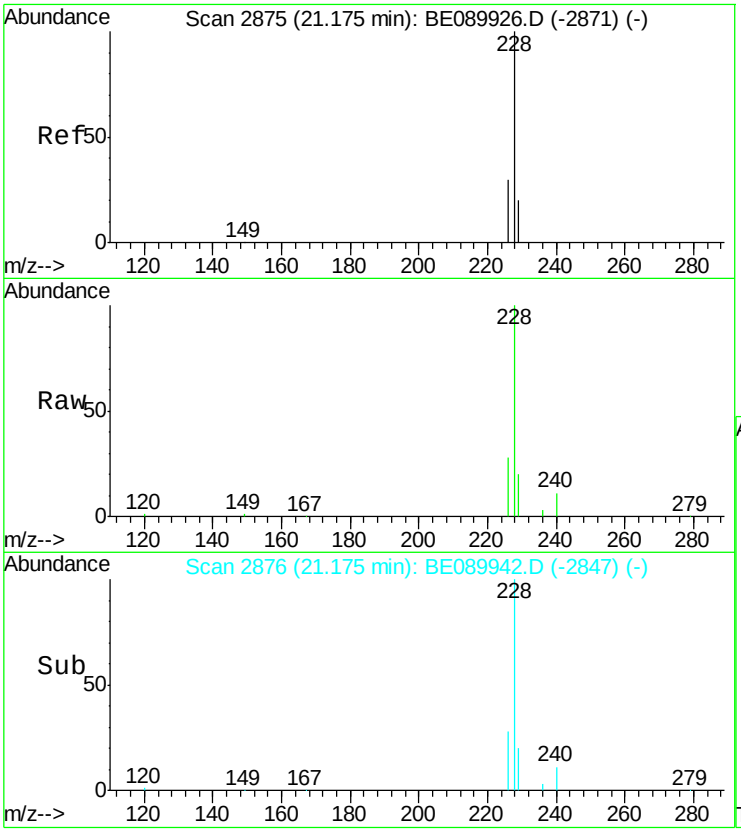


#28
Benzo(a)anthracene
Concen: 0.92 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:228 Resp: 48582

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.4
229	19.5	15.3	22.9



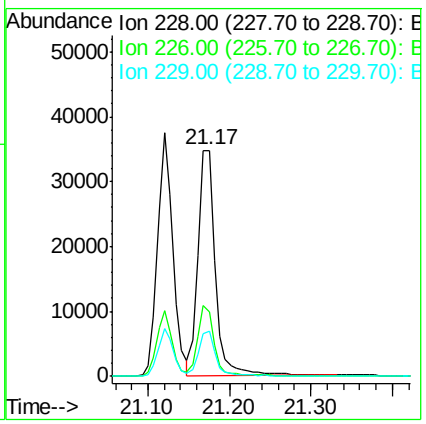


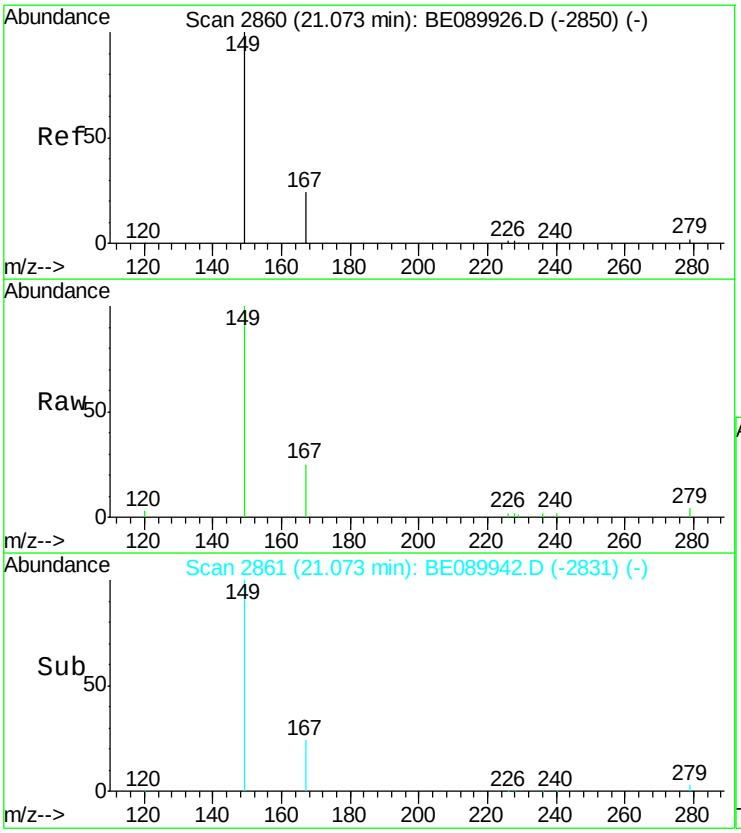
#29
Chrysene
Concen: 0.89 ng
RT: 21.17 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 51378

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.7	35.5
229	20.0	15.8	23.8

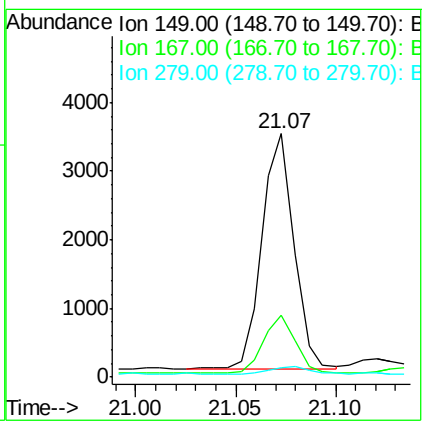


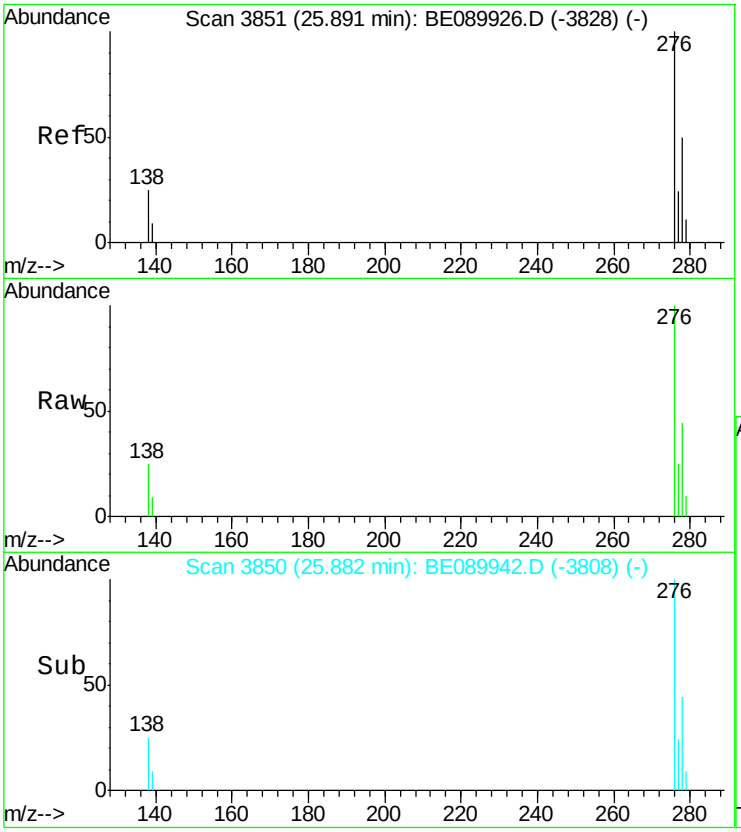


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.85 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:149 Resp: 3804

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.3	30.5
279	3.2	2.7	4.1



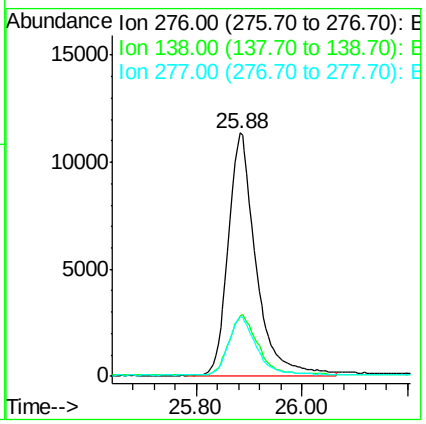


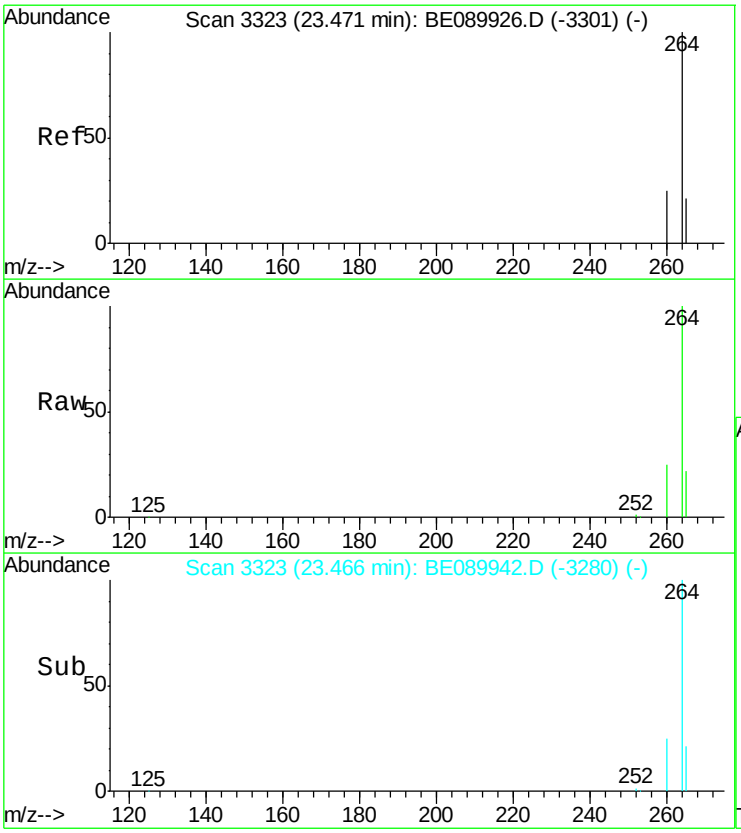
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng
RT: 25.88 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 41131

Ion	Ratio	Lower	Upper
276	100		
138	26.5	0.0	0.0#
277	24.5	0.0	0.0#

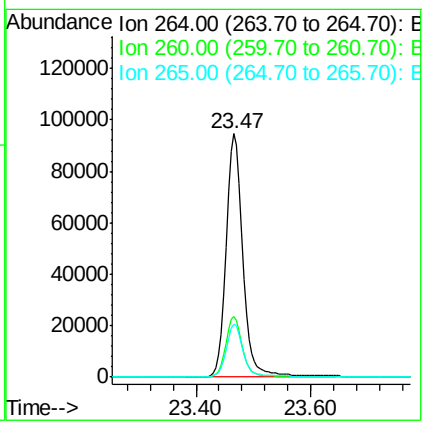


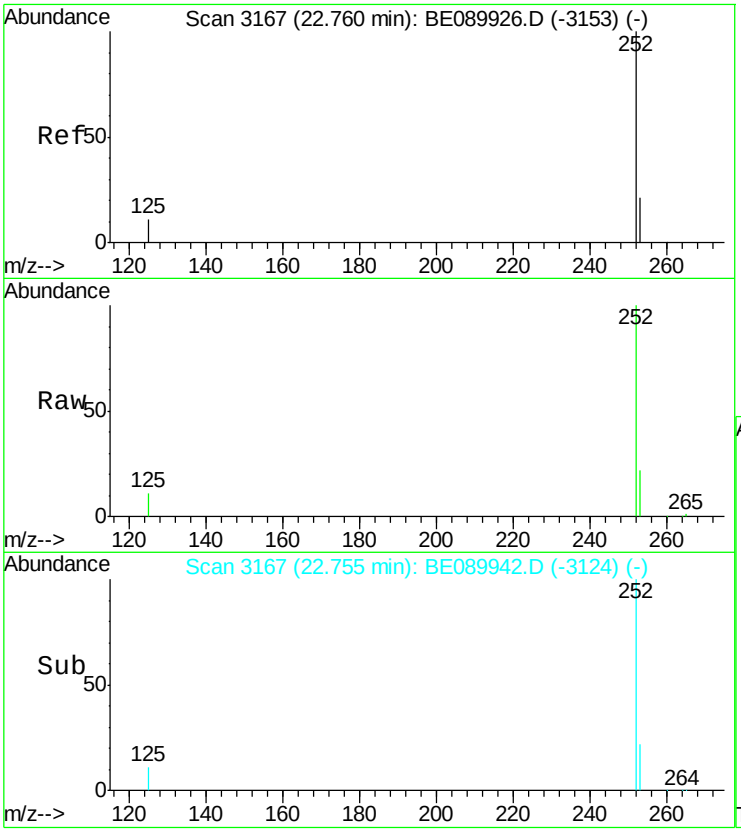


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:264 Resp: 195355

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.6	17.3	25.9



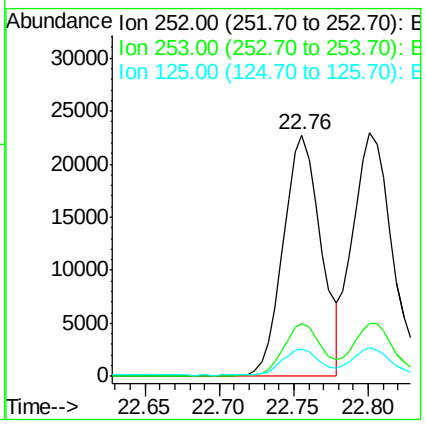


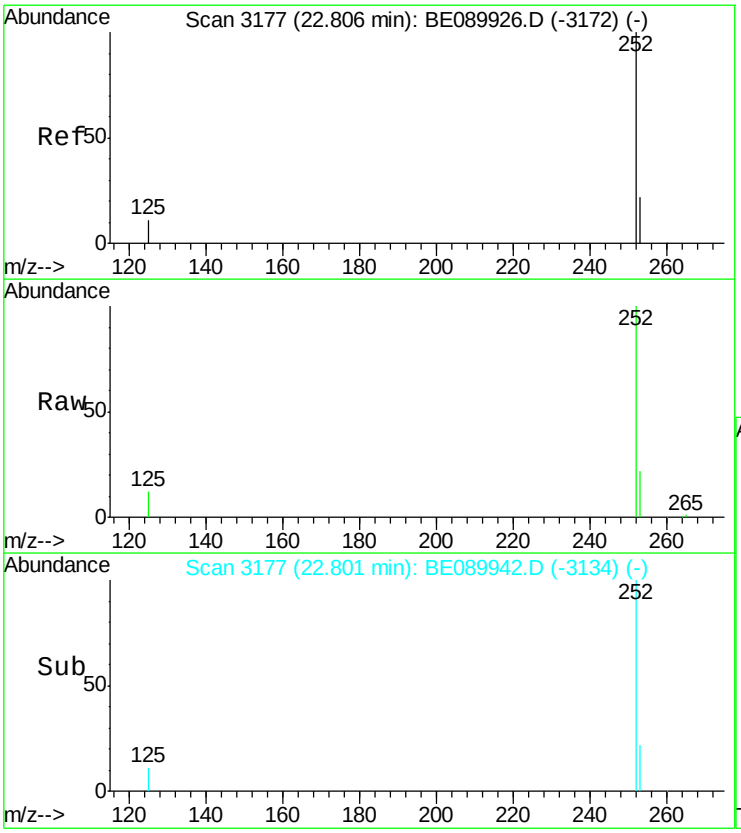
#33
Benzo(b)fluoranthene
Concen: 0.97 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 39921

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	11.1	9.3	13.9

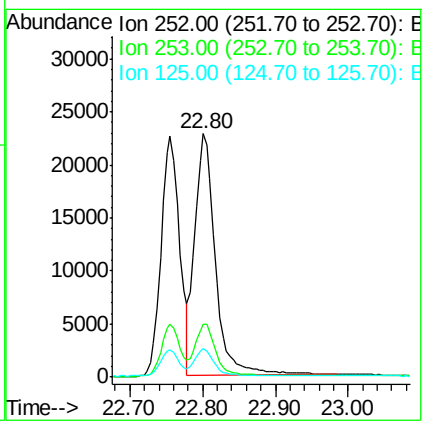


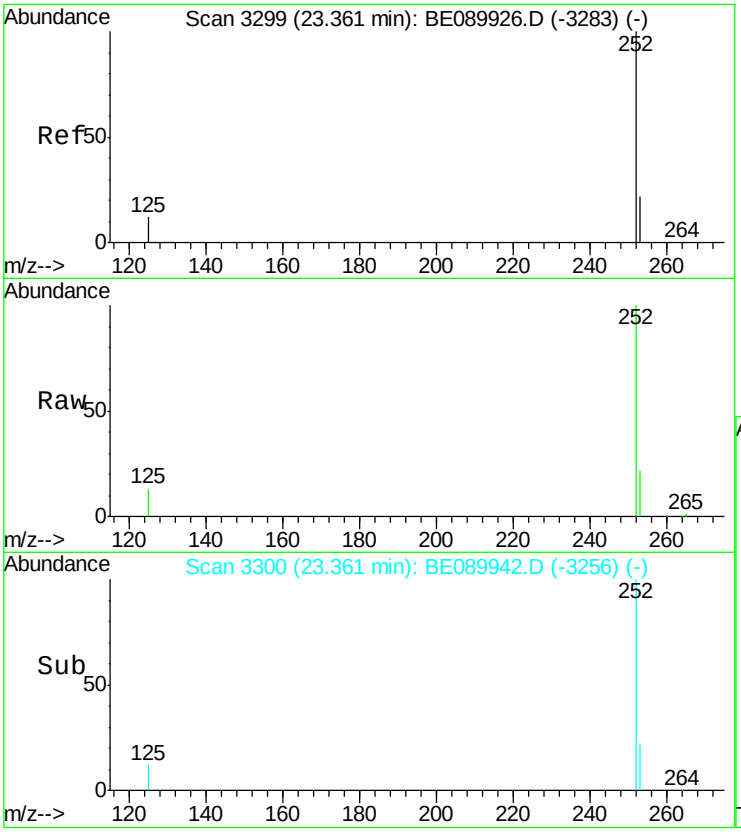


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:252 Resp: 44854

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.6	9.2	13.8



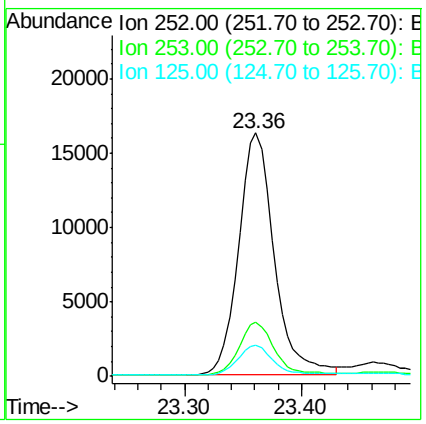


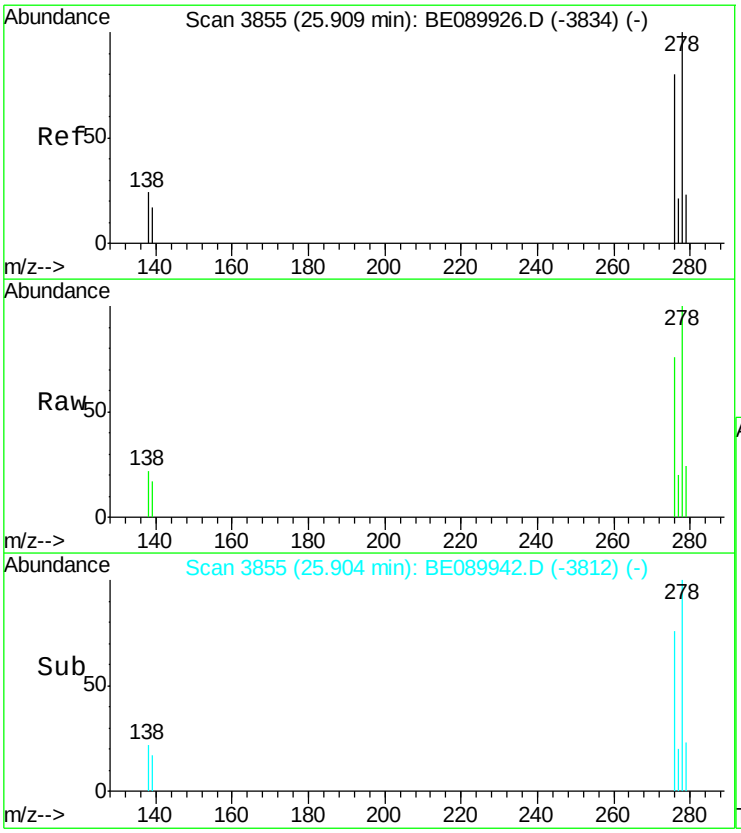
#35
Benzo(a)pyrene
Concen: 0.93 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 34186

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.8	10.3	15.5

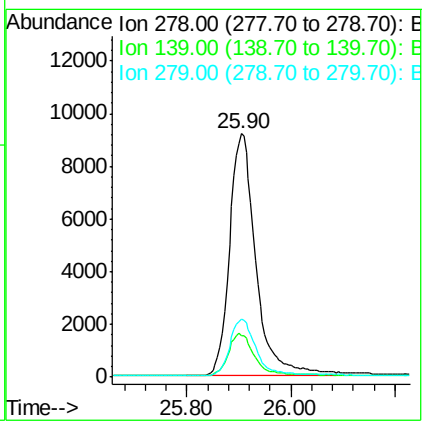


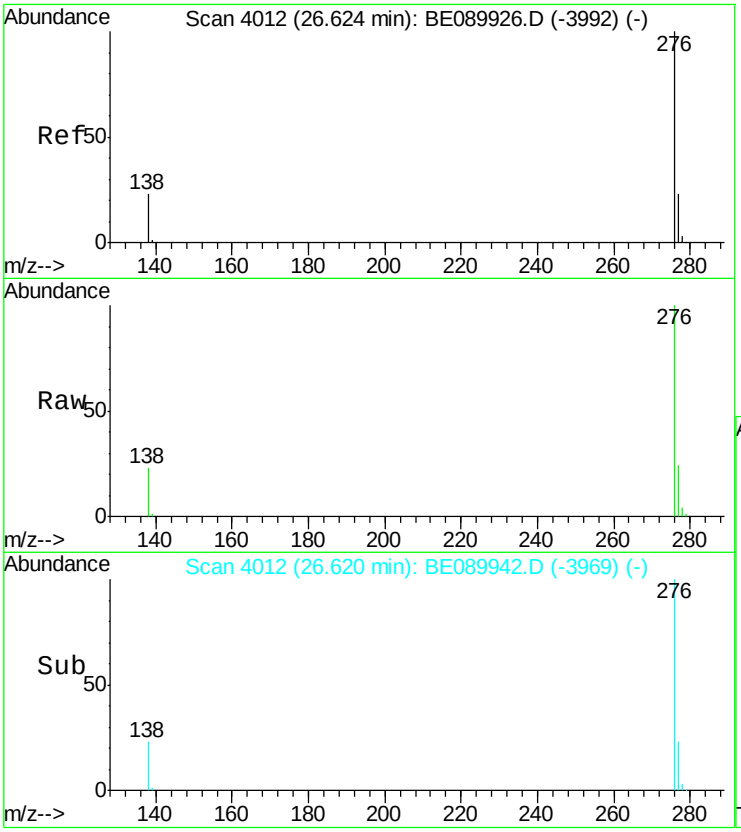


#36
Dibenzo(a,h)anthracene
Concen: 0.95 ng
RT: 25.90 min Scan# 3855
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Tgt Ion:278 Resp: 32492

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1
279	23.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.94 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089942.D
Acq: 26 Jun 2015 13:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 34689

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	23.1	18.8	28.2