Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089924.D
Acq On : 23 Jun 2015 21:24
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Jun 24 09:16:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	34894	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	161788	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	99715	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	234207	5.00	ng		0.00
25) Chrysene-d12	21.14	240	263274	5.00	ng		0.00
32) Perylene-d12	23.47	264	229585	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	33133	4.21	ng		0.00
5) Phenol-d6	6.81	99	50317	4.87	ng		0.00
7) Nitrobenzene-d5	8.78	82	60048	4.83	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	7761	2.74	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	134915	3.92	ng		0.00
27) Terphenyl-d14	19.60	244	218340	5.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	20513	5.18	ng		99
3) n-Nitrosodimethylamine	3.54	42	30564	5.03	ng	#	99
8) Nitrobenzene	8.82	77	64165	4.81	ng		97
9) Naphthalene	10.44	128	162916	4.20	ng		100
10) Hexachlorobutadiene	10.74	225	25339	3.89	ng		99
11) 2-Methylnaphthalene	12.05	142	115172	4.63	ng		99
15) Acenaphthylene	13.96	152	829940	13.40	ng		100
16) Acenaphthene	14.30	154	119354	4.11	ng		97
17) Fluorene	15.29	166	156846	6.03	ng		97
19) 4-Bromophenyl-phenylether	16.20	248	44506	4.66	ng		97
20) Hexachlorobenzene	16.30	284	189800	17.07	ng		99
21) Pentachlorophenol	16.65	266	9868	3.63	ng		99
22) Phenanthrene	17.03	178	264282	3.42	ng		100
23) Anthracene	17.12	178	261715	7.30	ng		99
24) Fluoranthene	19.02	202	305736	5.89	ng		99
26) Pyrene	19.38	202	318194	3.59	ng		99
28) Benzo(a)anthracene	21.13	228	300690	3.91	ng		97
29) Chrysene	21.17	228	319129	3.95	ng		99
30) Bis(2-ethylhexyl)phthalate	21.08	149	33465	0.83	ng		100
31) Indeno(1,2,3-cd)pyrene	25.89	276	277701	3.63	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	250505	3.48	ng		99
34) Benzo(k)fluoranthene	22.81	252	285761	4.33	ng		99
35) Benzo(a)pyrene	23.37	252	233719	3.84	ng		100
36) Dibenzo(a,h)anthracene	25.91	278	224849	3.75	ng		100
37) Benzo(g,h,i)perylene	26.63	276	230007	3.64	ng		99

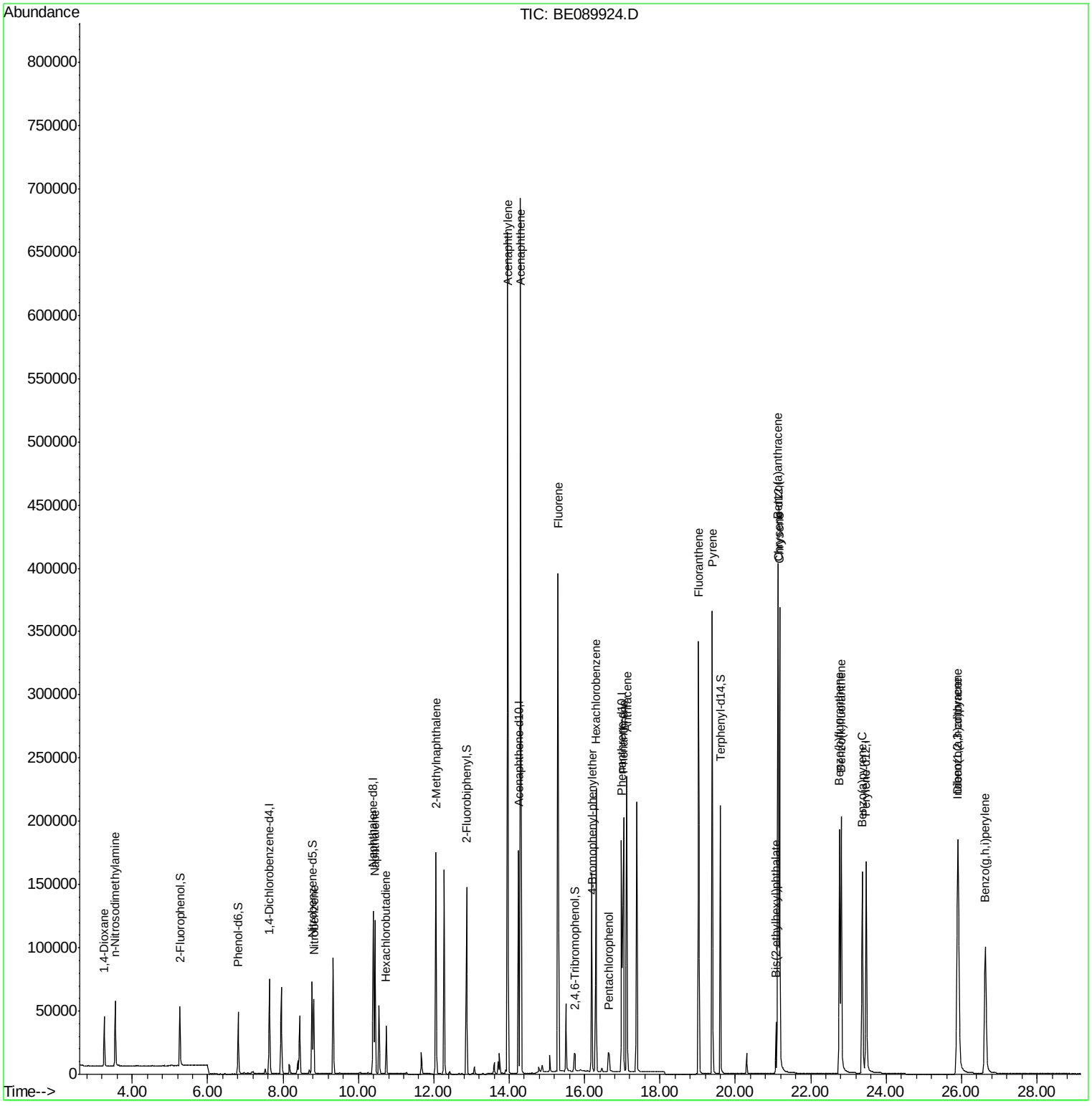
(#) = qualifier out of range (m) = manual integration (+) = signals summed

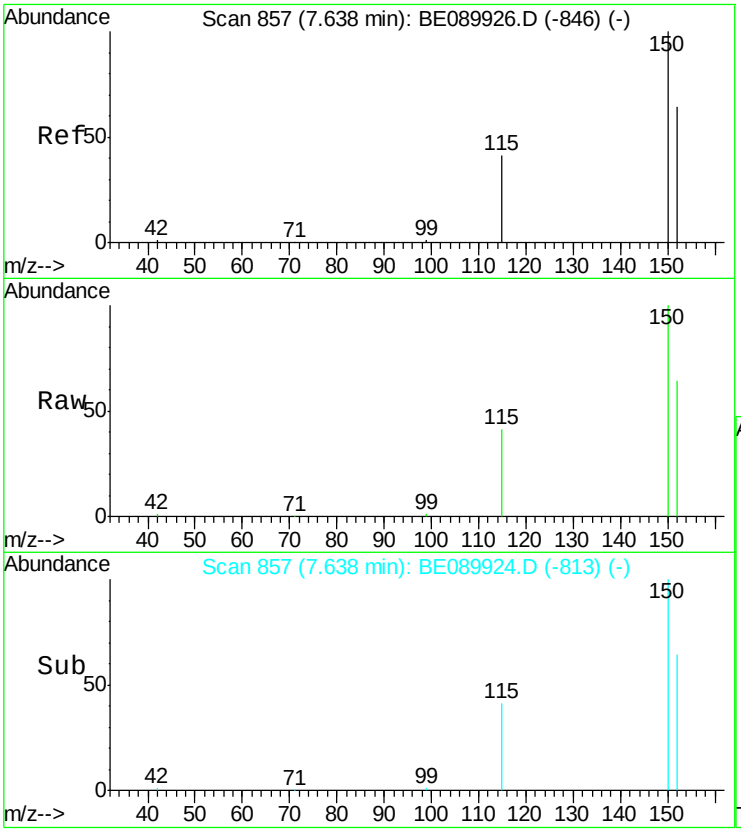
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089924.D
Acq On : 23 Jun 2015 21:24
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Jun 24 09:16:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration



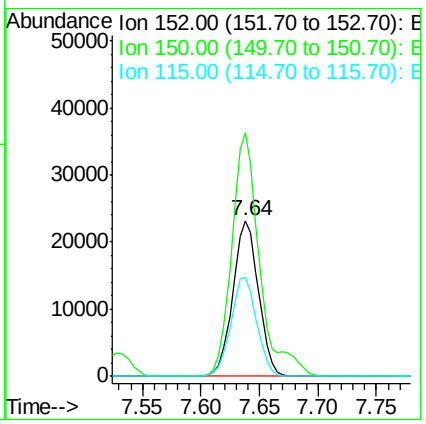


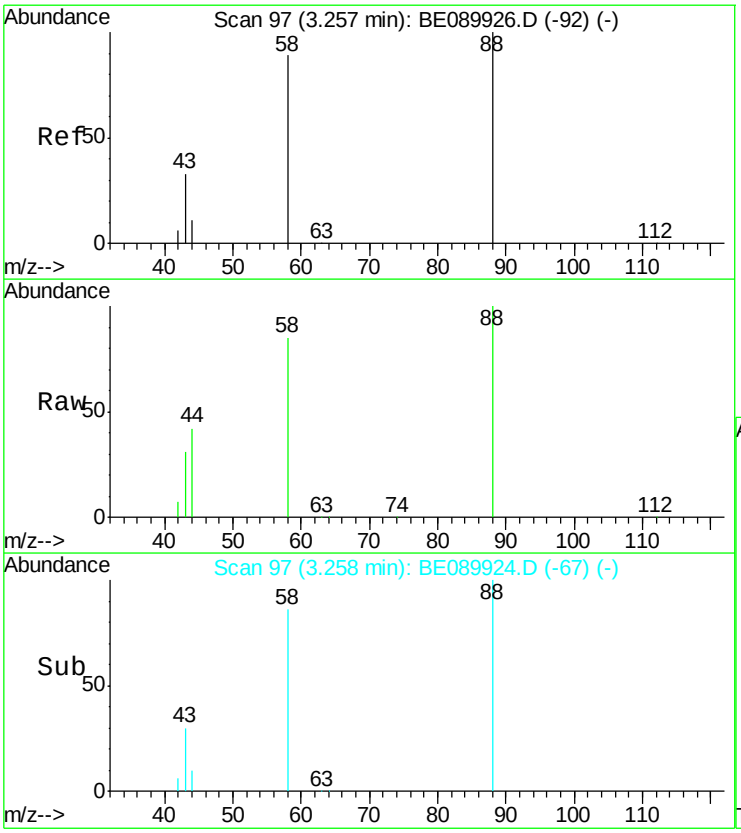
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 34894

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	63.8	51.6	77.4

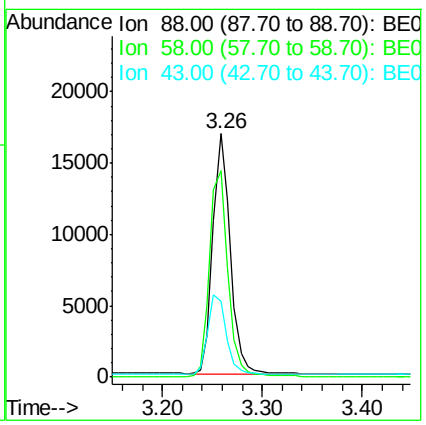


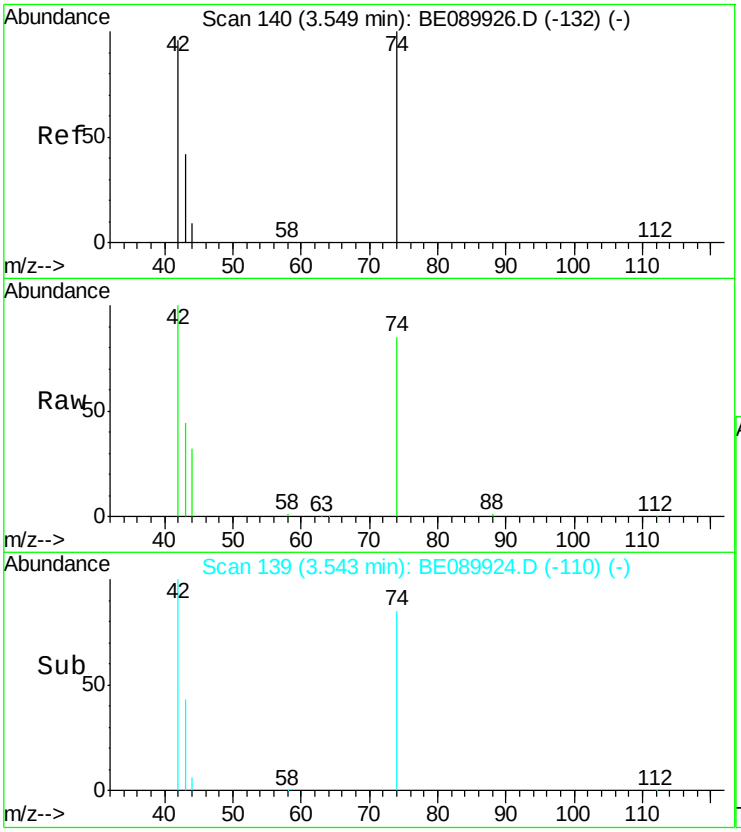


#2
1,4-Dioxane
Concen: 5.18 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion: 88 Resp: 20513

Ion	Ratio	Lower	Upper
88	100		
58	89.7	70.8	106.2
43	34.6	26.8	40.2



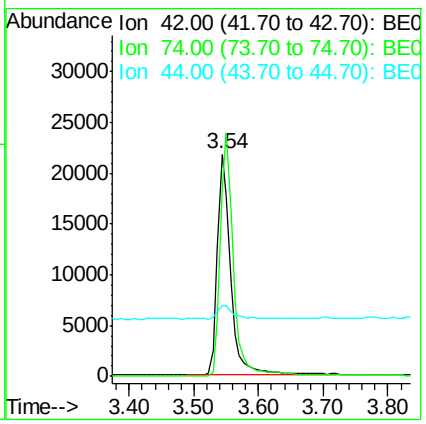


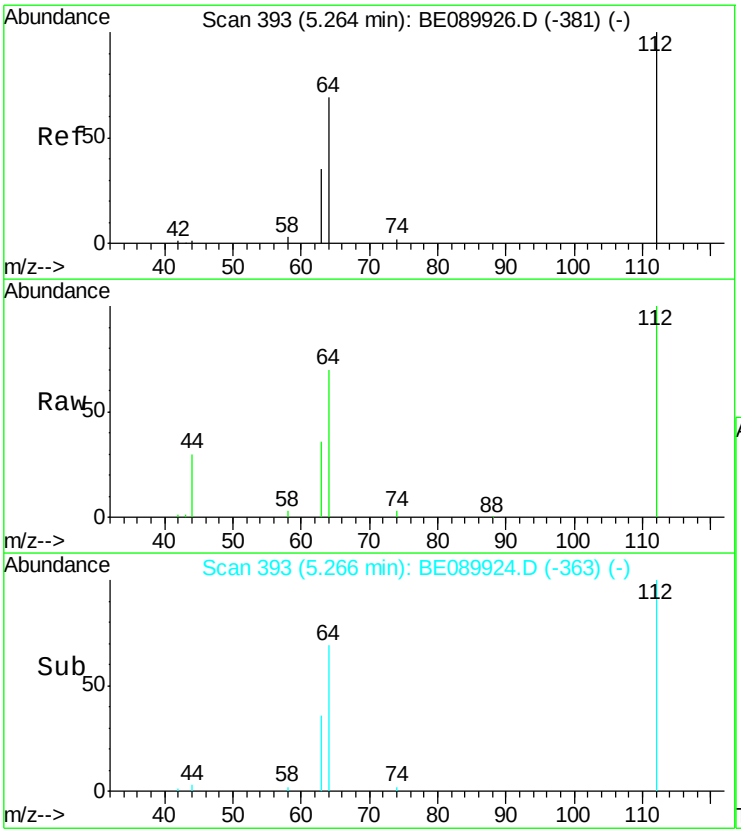
#3
n-Nitrosodimethylamine
Concen: 5.03 ng
RT: 3.54 min Scan# 139
Delta R.T. -0.01 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 30564

Ion	Ratio	Lower	Upper
42	100		
74	106.4	85.4	128.2
44	7.2	8.4	12.6#

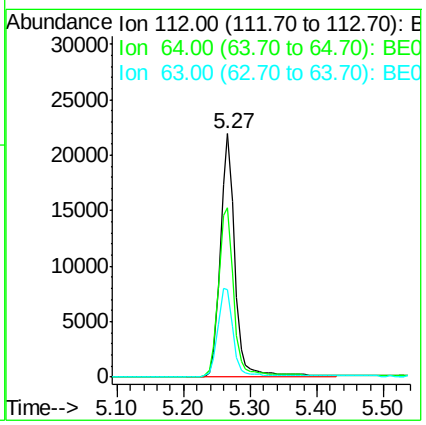


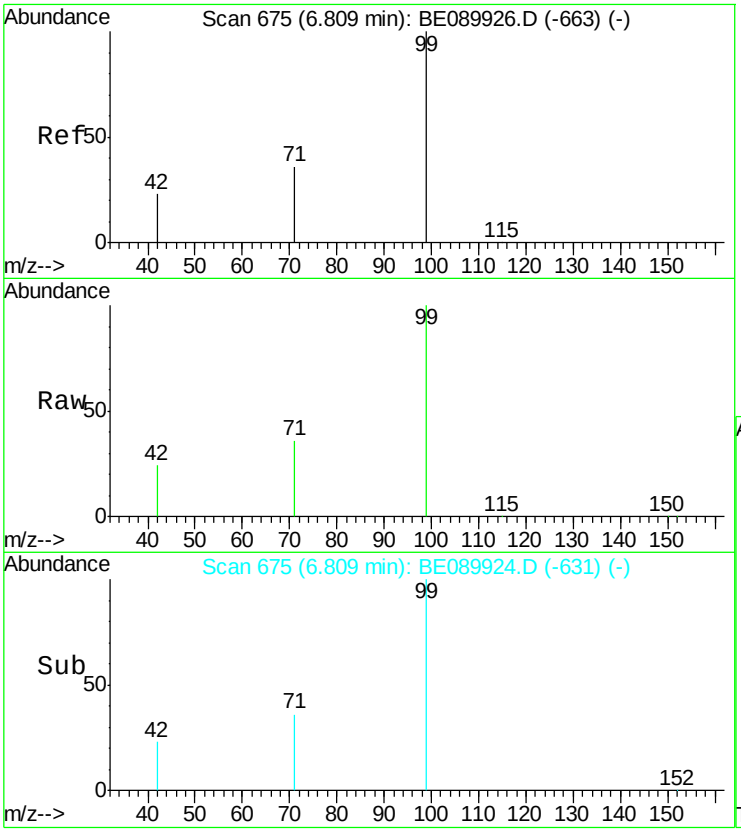


#4
2-Fluorophenol
Concen: 4.21 ng
RT: 5.27 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:112 Resp: 33133

Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.4	86.2
63	38.7	31.2	46.8



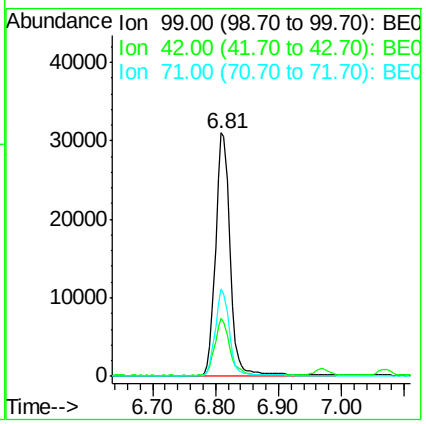


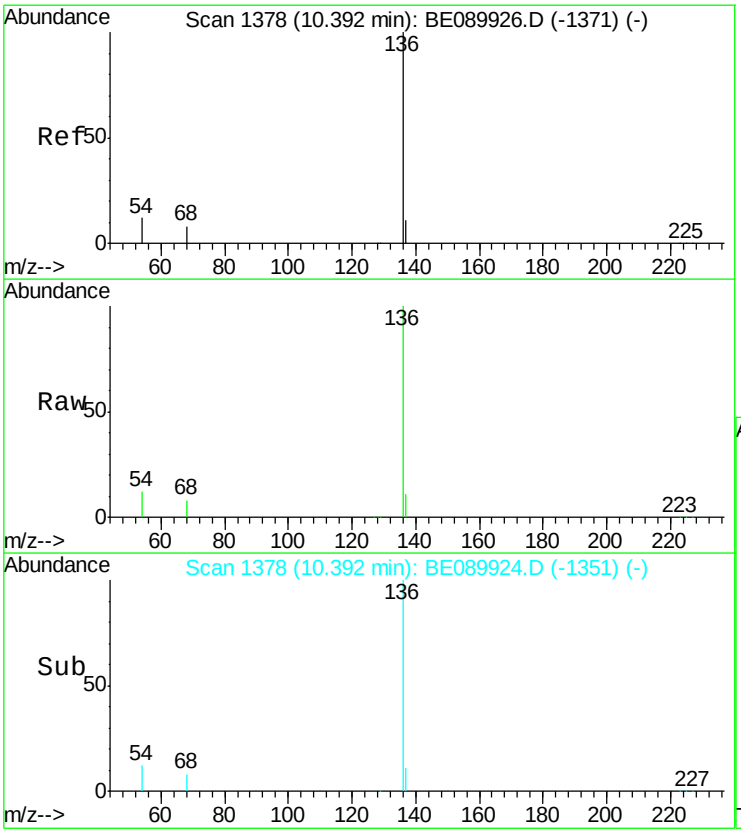
#5
Phenol-d6
Concen: 4.87 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 50317

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.5	29.3
71	34.5	27.8	41.6

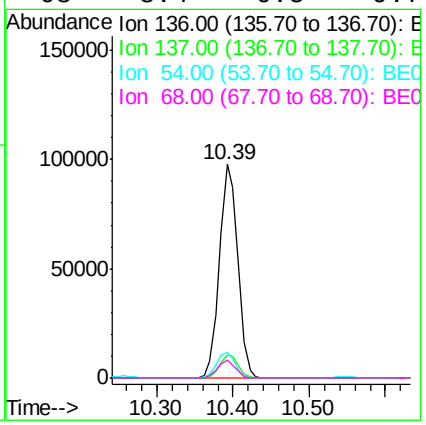


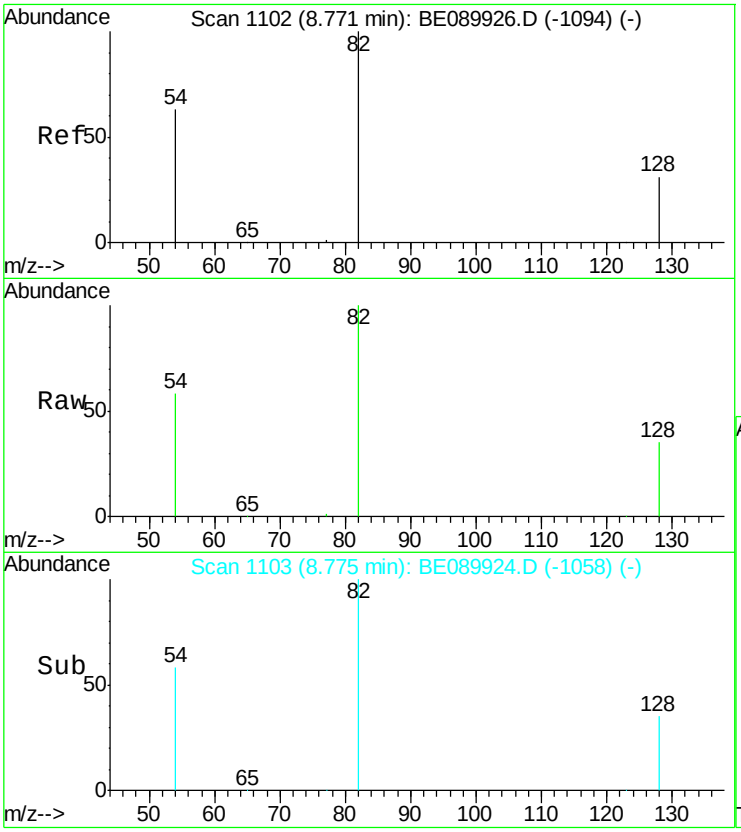


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:136 Resp: 161788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.2	9.7	14.5
68	8.4	6.5	9.7



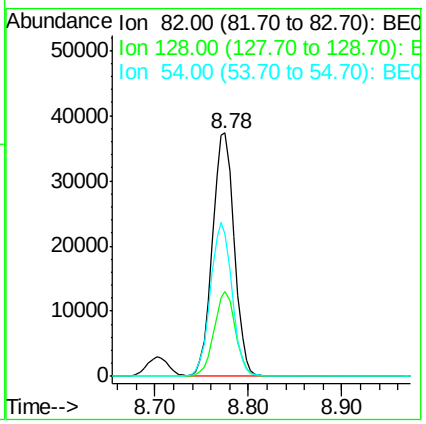


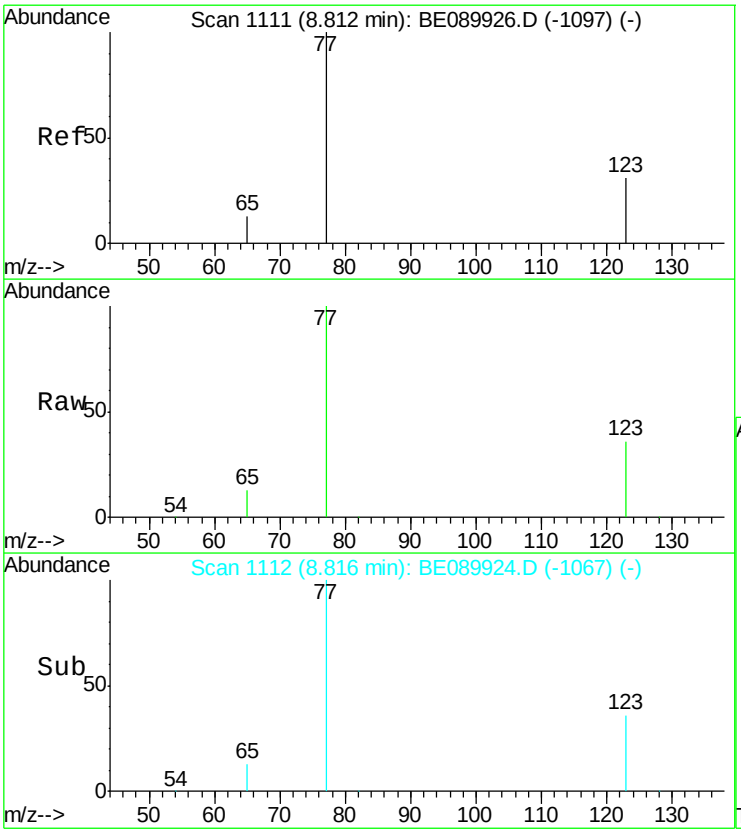
#7
Nitrobenzene-d5
Concen: 4.83 ng
RT: 8.78 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 60048

Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.6	38.4
54	58.5	51.2	76.8

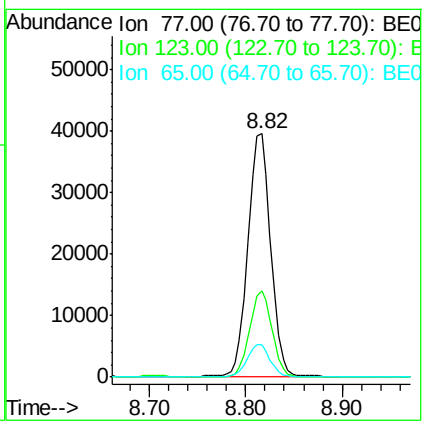


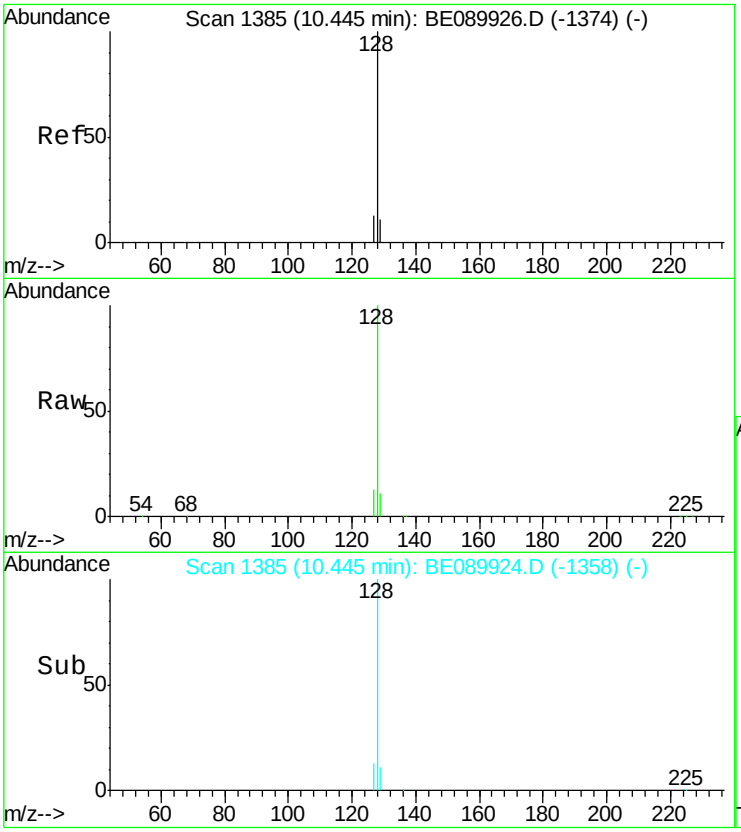


#8
Nitrobenzene
Concen: 4.81 ng
RT: 8.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion: 77 Resp: 64165

Ion	Ratio	Lower	Upper
77	100		
123	34.9	26.6	39.8
65	13.3	10.2	15.4



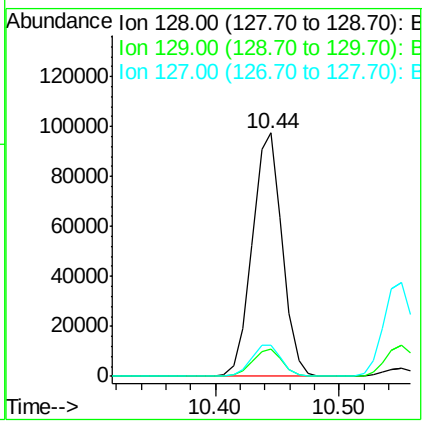


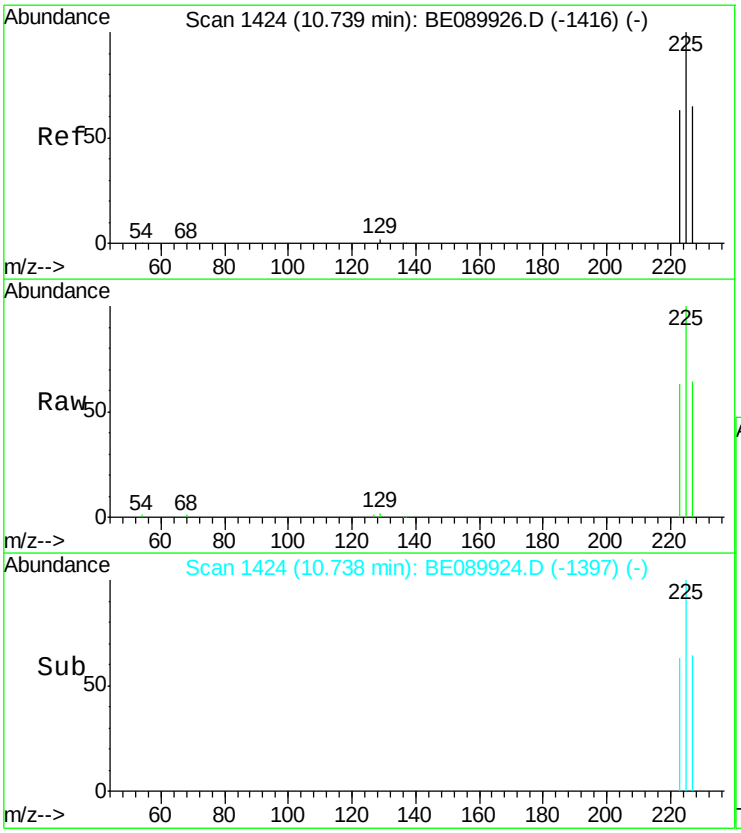
#9
Naphthalene
Concen: 4.20 ng
RT: 10.44 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 162916

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.2	15.4

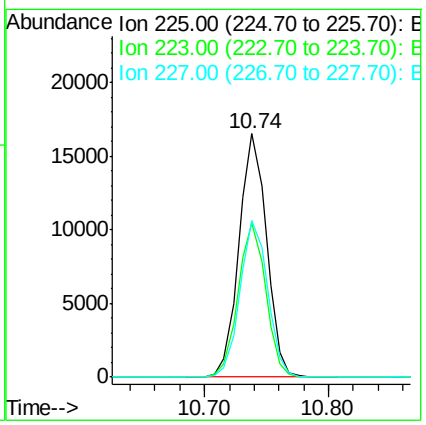


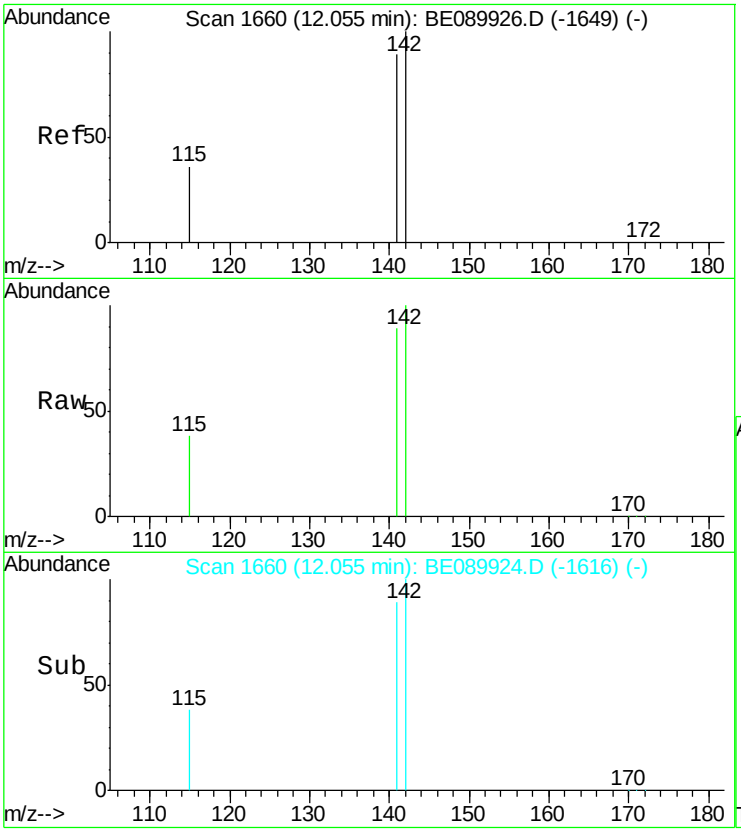


#10
Hexachlorobutadiene
Concen: 3.89 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:225 Resp: 25339

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.1	50.7	76.1



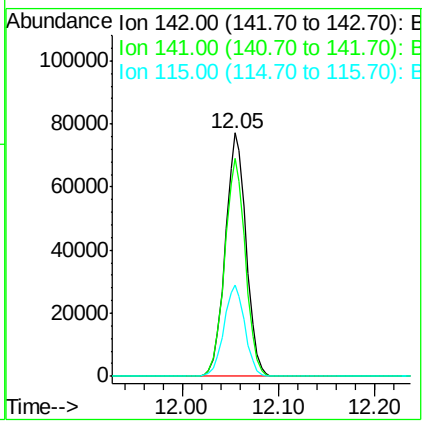


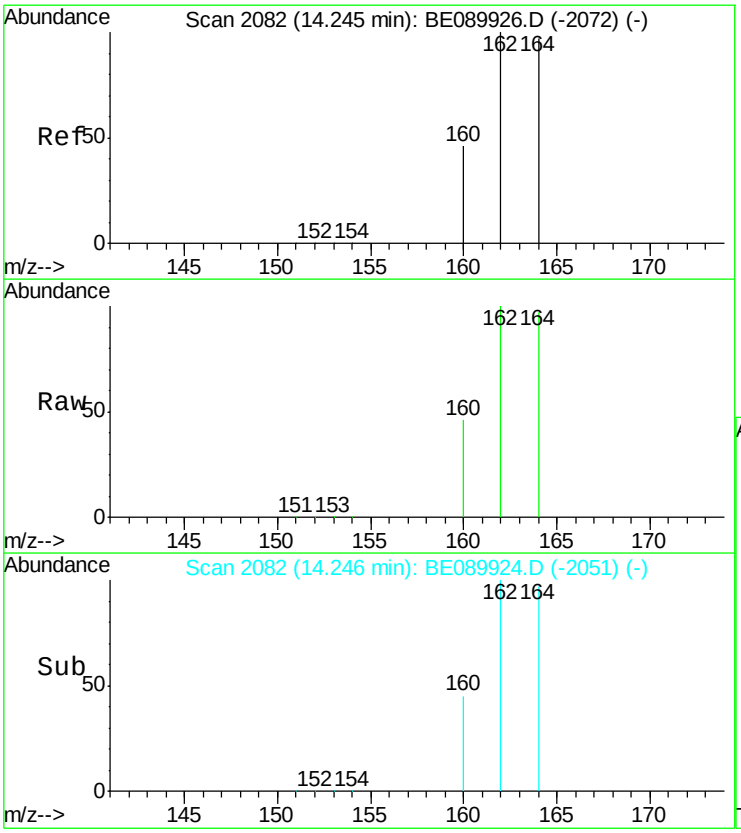
#11
2-Methylnaphthalene
Concen: 4.63 ng
RT: 12.05 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 115172

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.1	106.7
115	37.6	29.1	43.7

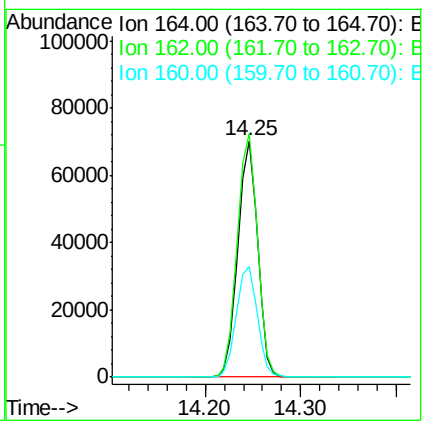


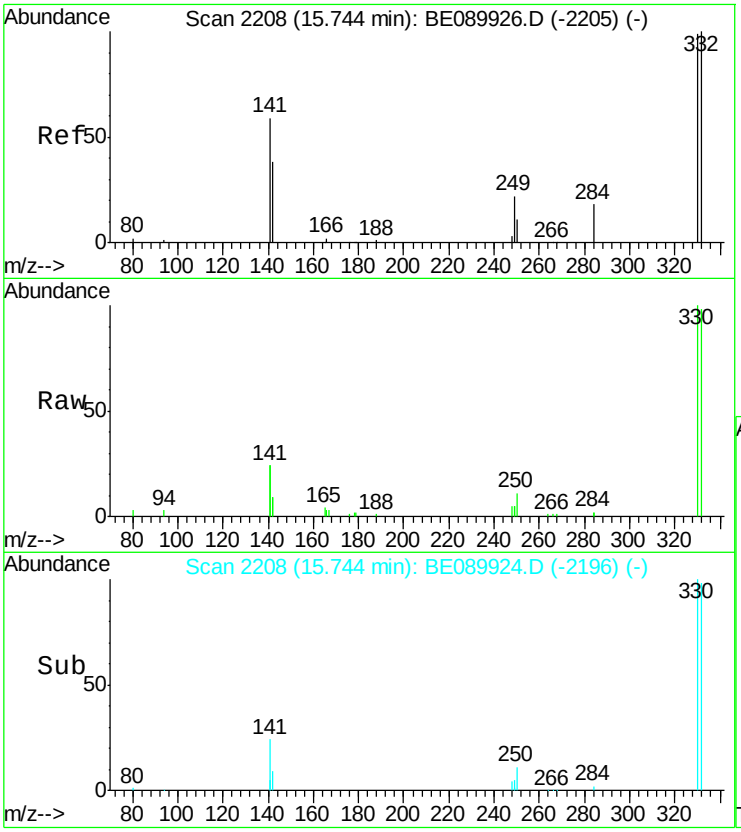


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:164 Resp: 99715

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.7	124.1
160	46.9	38.3	57.5



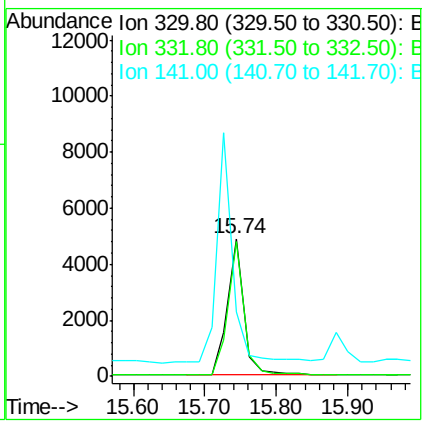


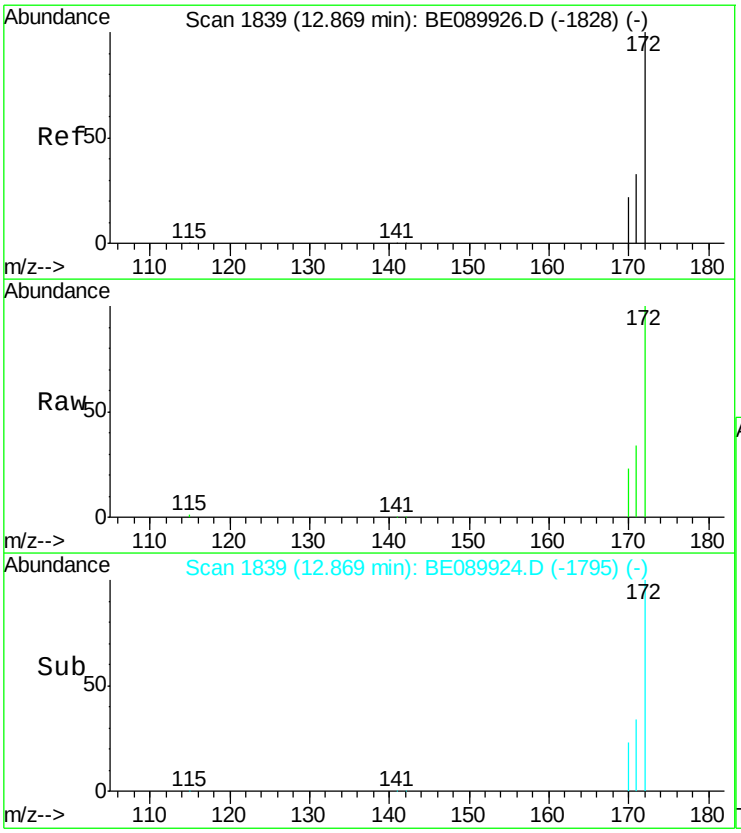
#13
2,4,6-Tribromophenol
Concen: 2.74 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 7761

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.9	116.9
141	166.8	142.8	214.2

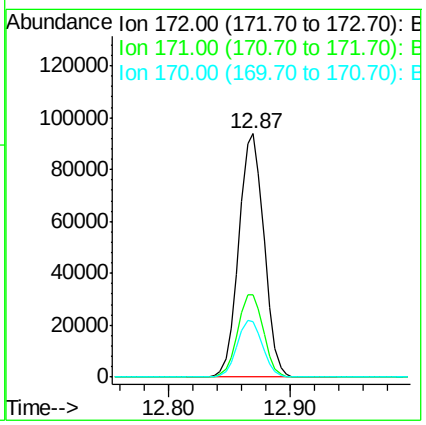


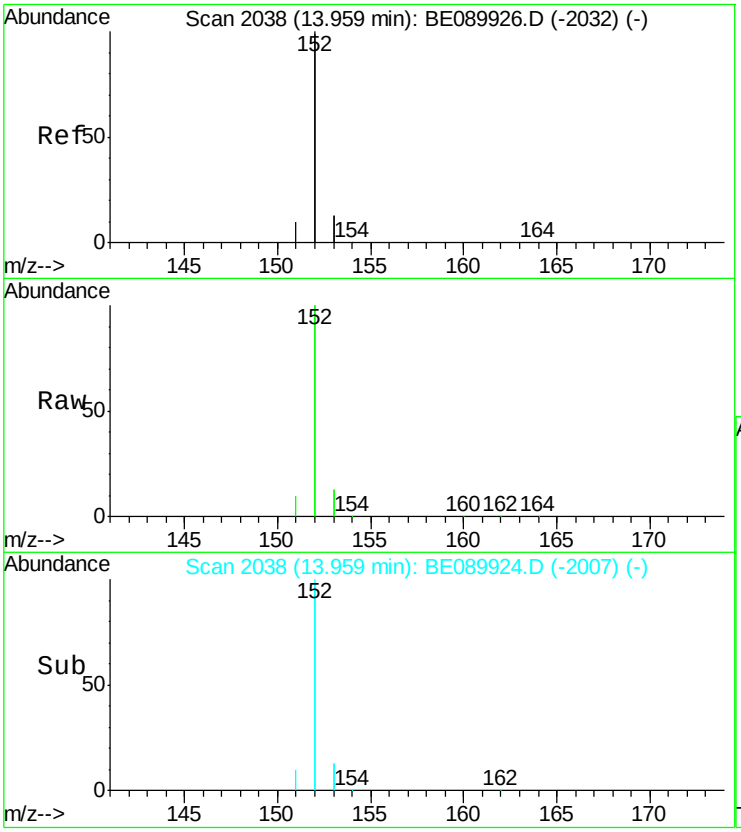


#14
2-Fluorobiphenyl
Concen: 3.92 ng
RT: 12.87 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:172 Resp: 134915

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.7	40.1
170	22.8	17.5	26.3



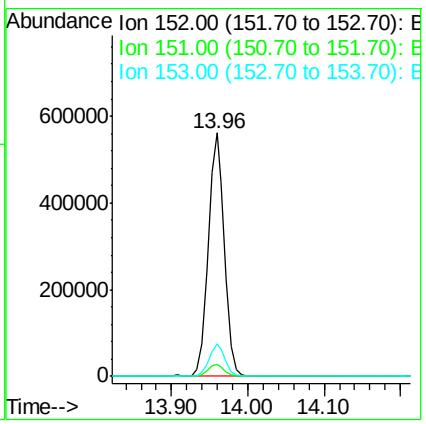


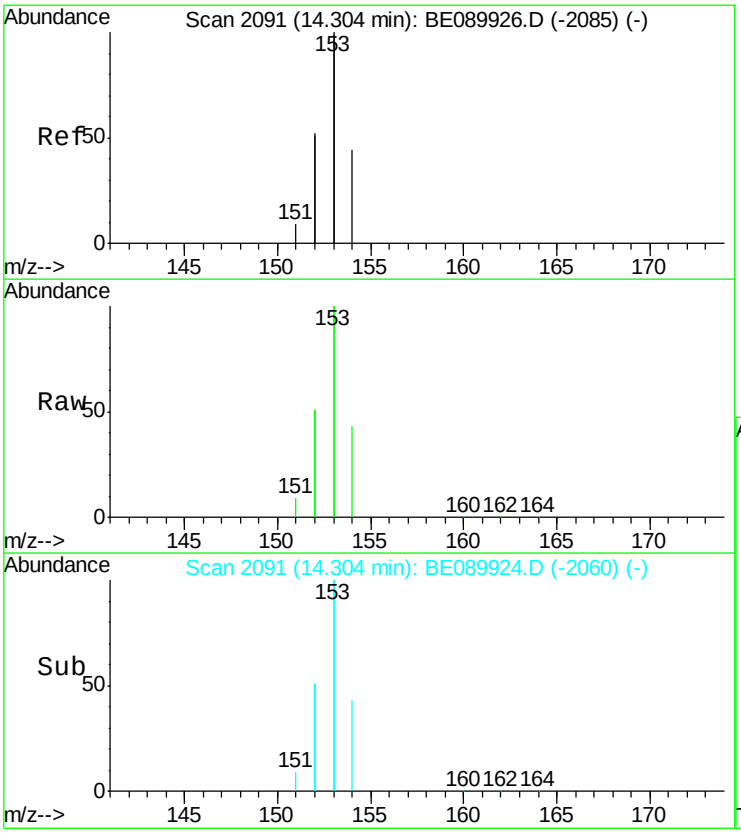
#15
Acenaphthylene
Concen: 13.40 ng
RT: 13.96 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 829940

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

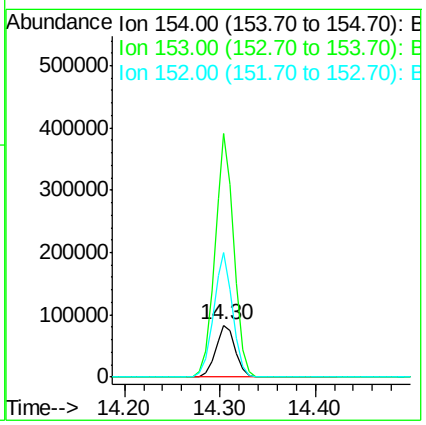


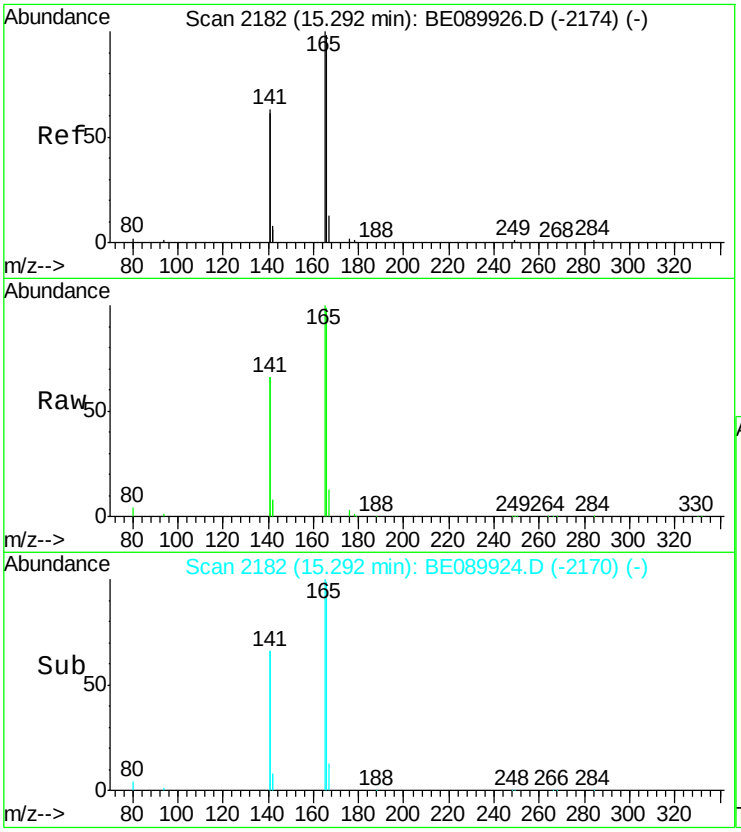


#16
Acenaphthene
Concen: 4.11 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:154 Resp: 119354

Ion	Ratio	Lower	Upper
154	100		
153	451.3	362.8	544.2
152	232.5	194.6	291.8



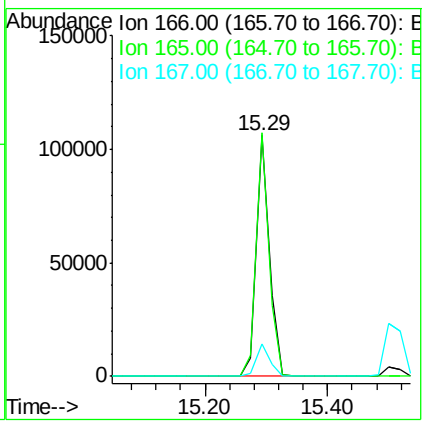


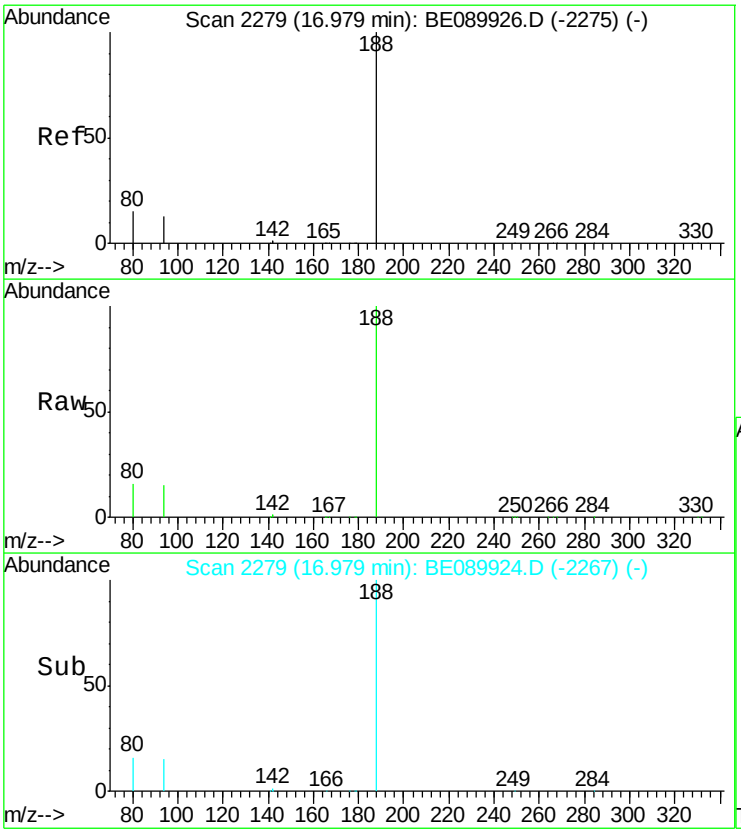
#17
Fluorene
Concen: 6.03 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 156846

Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.1	121.7
167	13.7	11.8	17.8

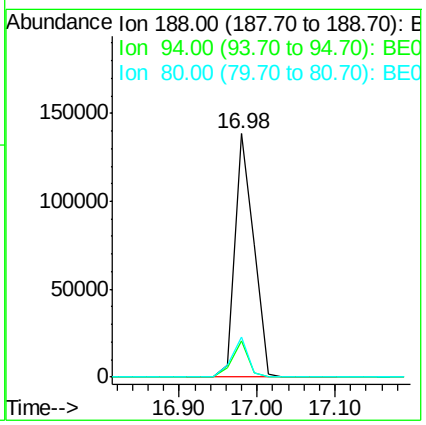


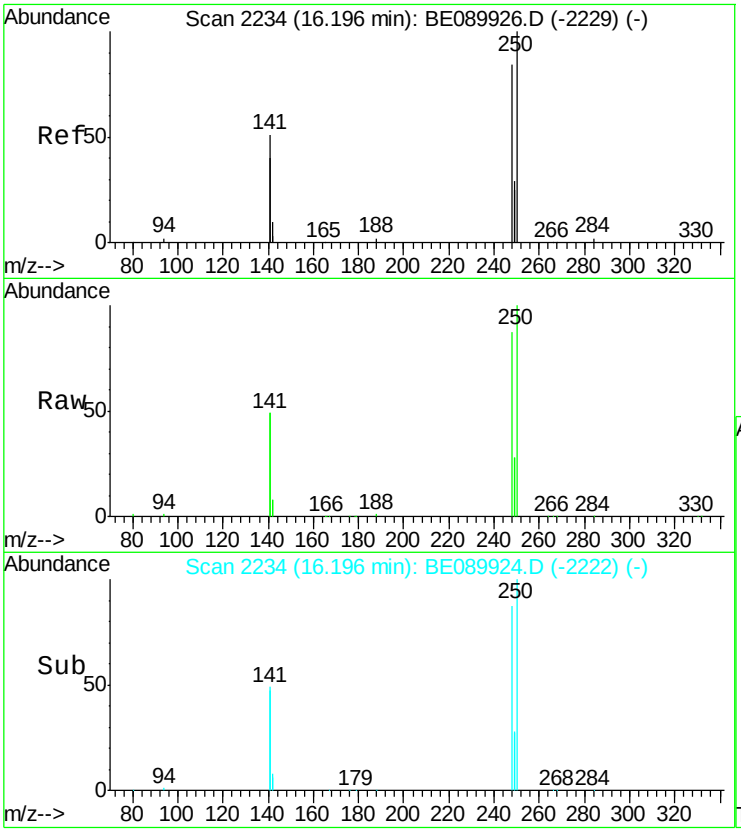


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:188 Resp: 234207

Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.6	16.0
80	16.3	11.8	17.6



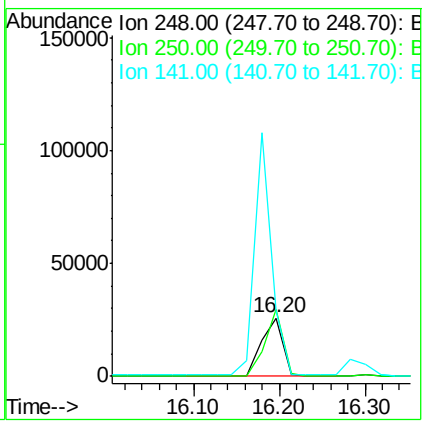


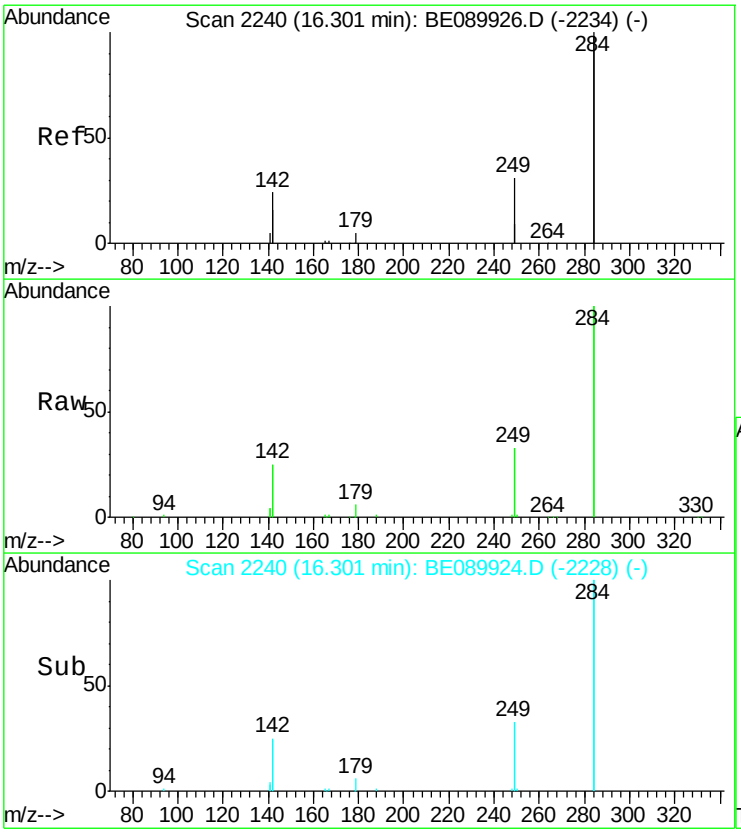
#19
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 16.20 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 44506

Ion	Ratio	Lower	Upper
248	100		
250	98.1	79.3	118.9
141	334.8	274.1	411.1

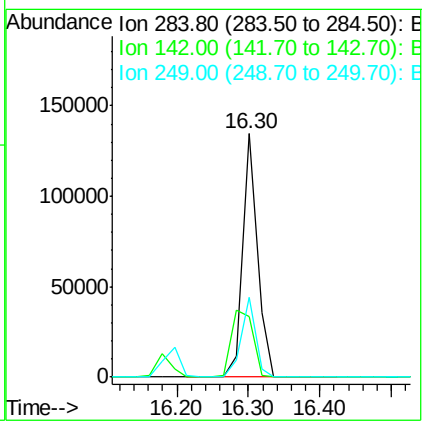


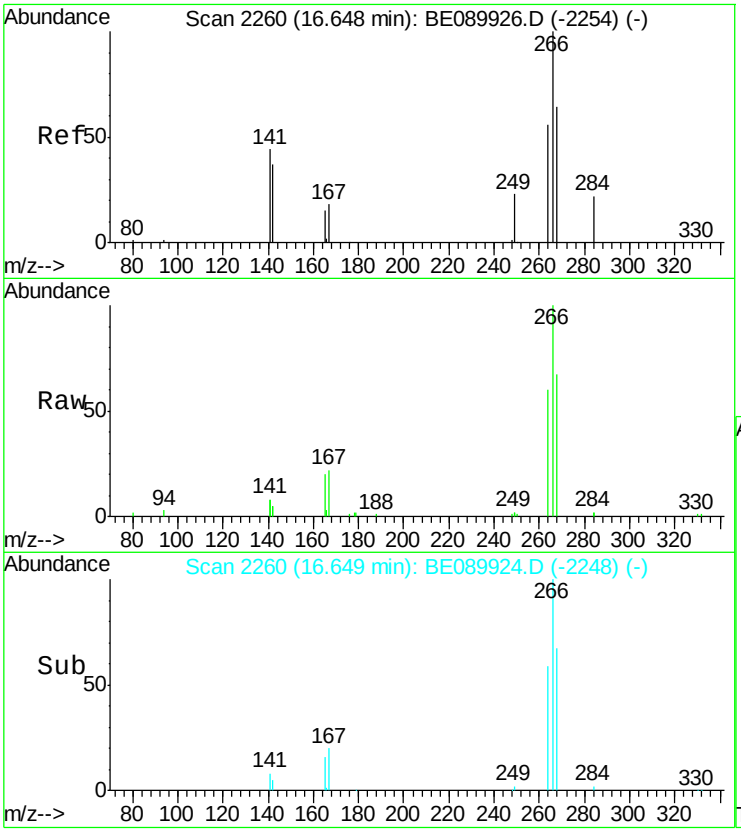


#20
Hexachlorobenzene
Concen: 17.07 ng
RT: 16.30 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:284 Resp: 189800

Ion	Ratio	Lower	Upper
284	100		
142	39.3	32.0	48.0
249	31.9	25.0	37.6



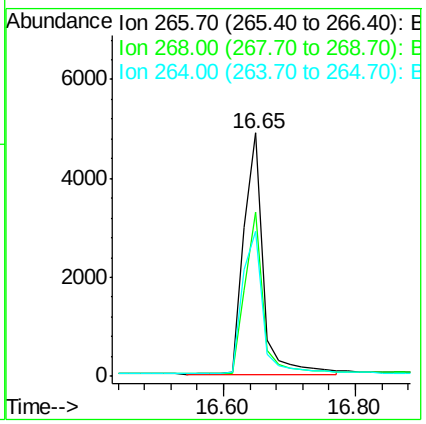


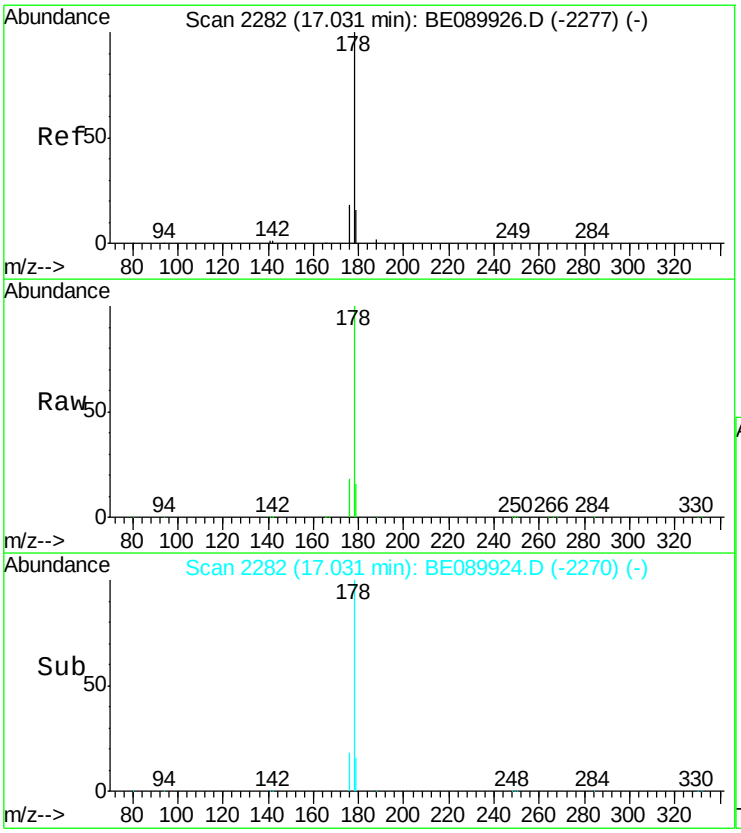
#21
Pentachlorophenol
Concen: 3.63 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 9868

Ion	Ratio	Lower	Upper
266	100		
268	67.5	54.4	81.6
264	59.8	48.2	72.2

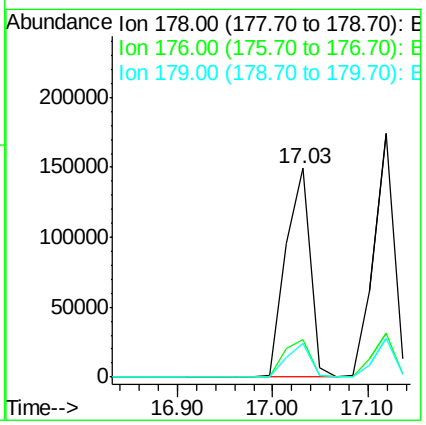


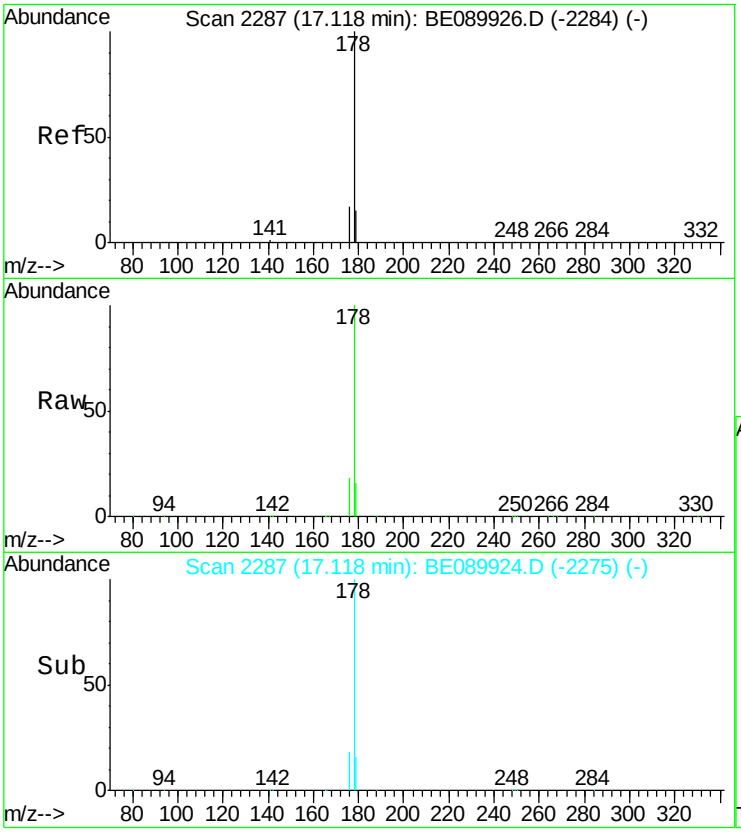


#22
Phenanthrene
Concen: 3.42 ng
RT: 17.03 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:178 Resp: 264282

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



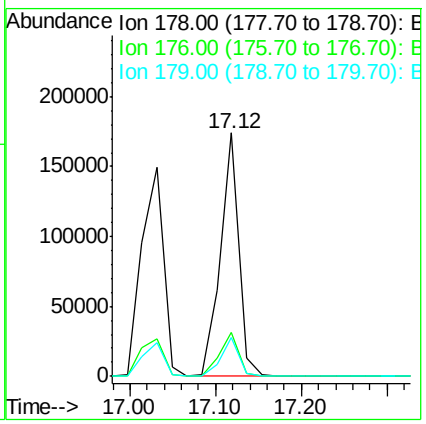


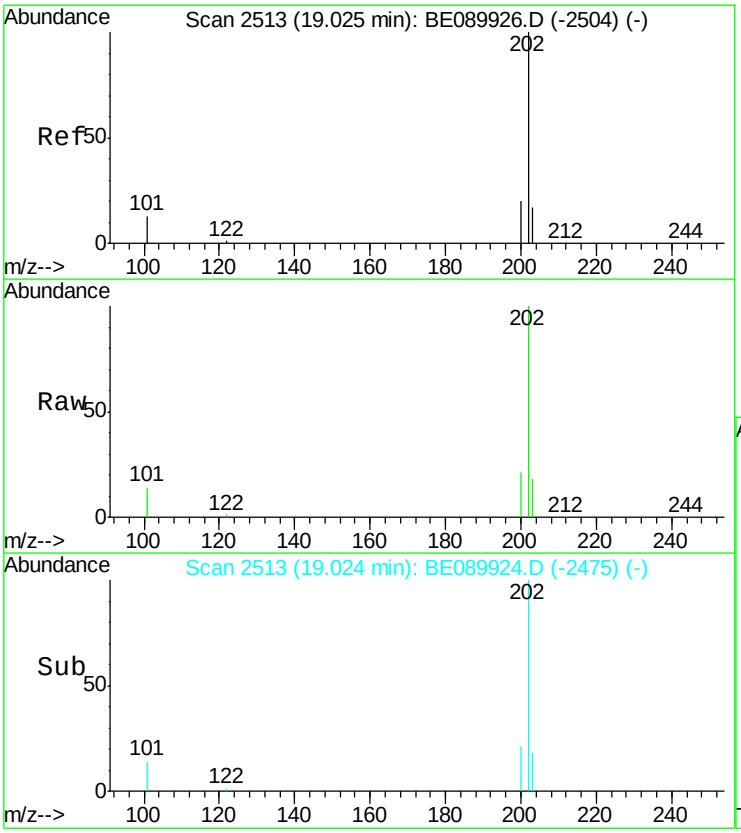
#23
Anthracene
Concen: 7.30 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 261715

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.7	12.3	18.5

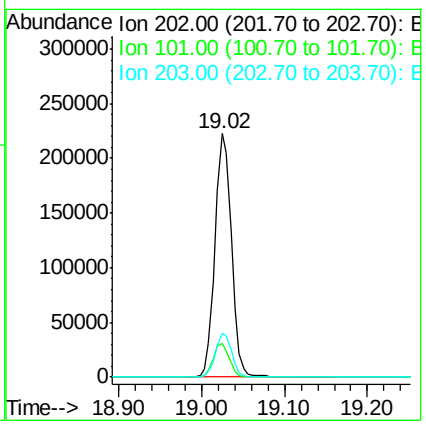


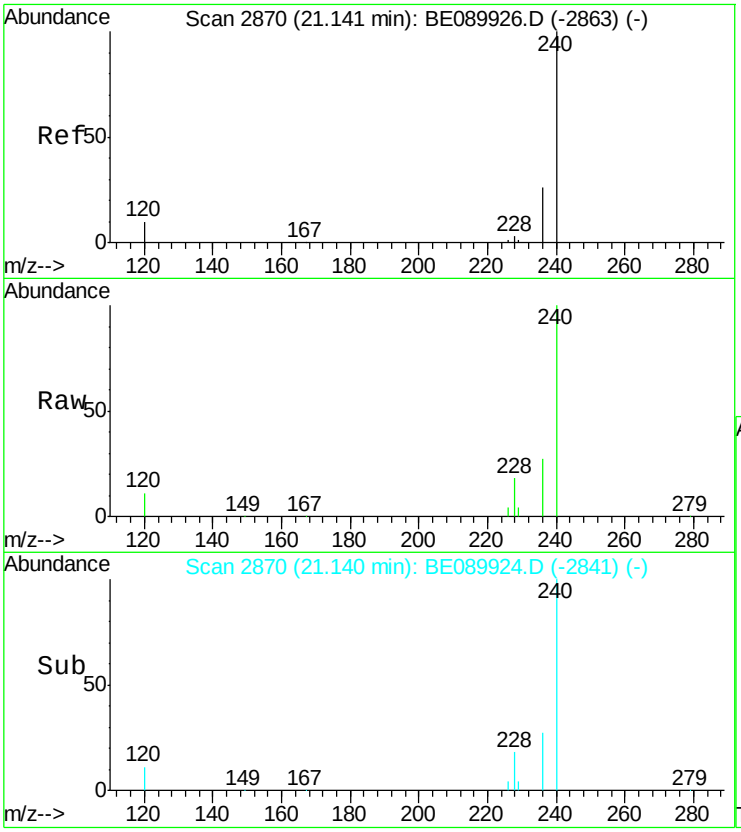


#24
Fluoranthene
Concen: 5.89 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:202 Resp: 305736

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	16.0
203	17.6	13.8	20.8



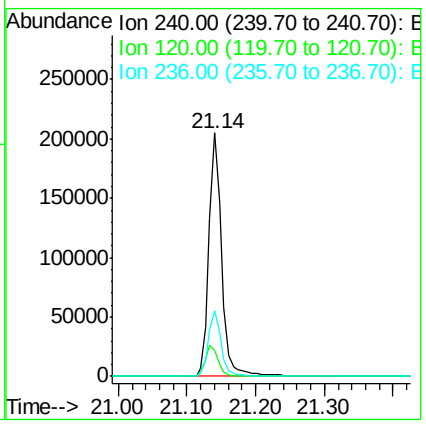


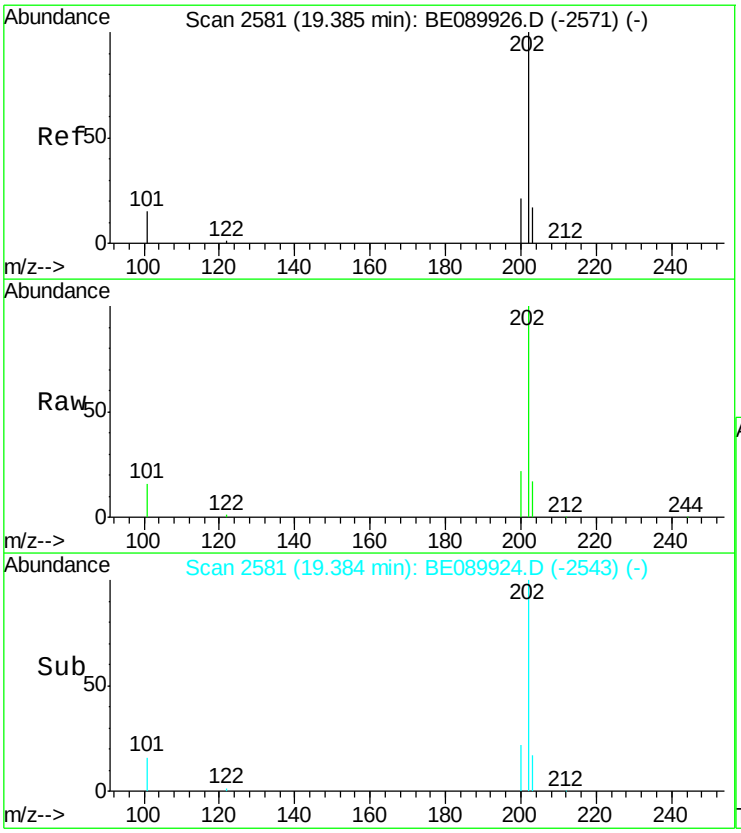
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 263274

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.9	11.9
236	27.0	21.2	31.8

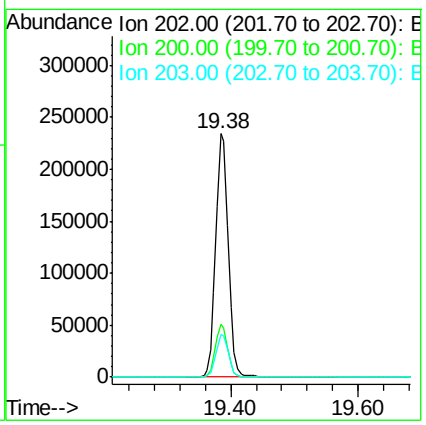


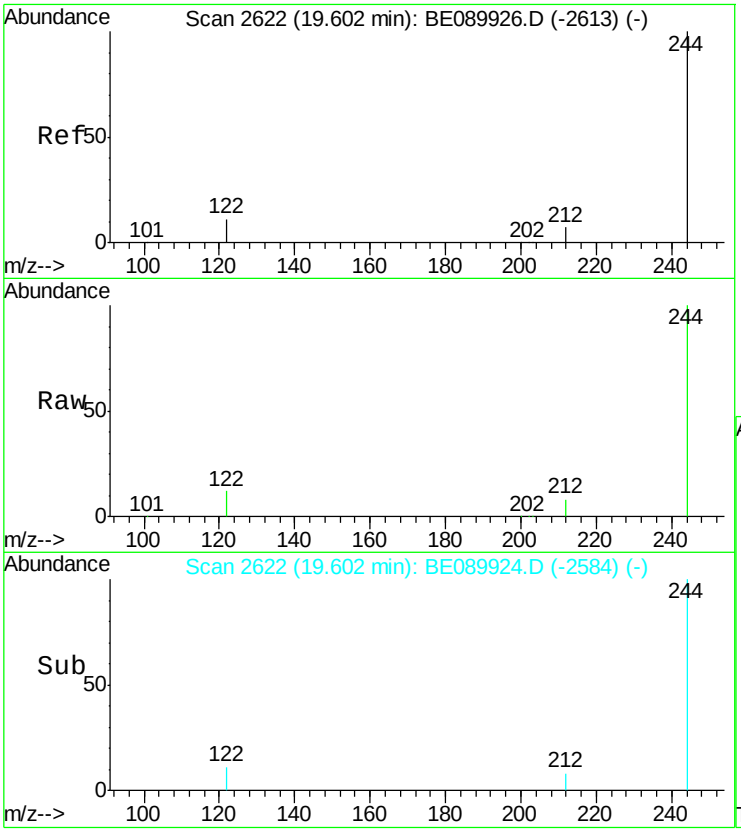


#26
Pyrene
Concen: 3.59 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:202 Resp: 318194

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	17.6	13.9	20.9



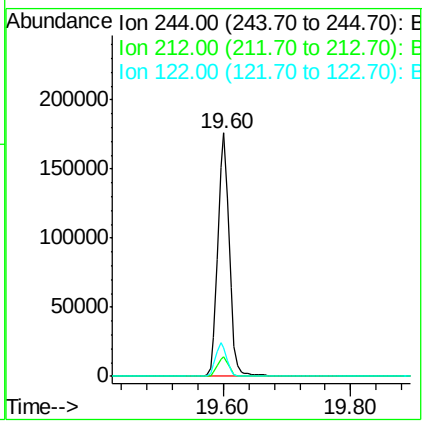


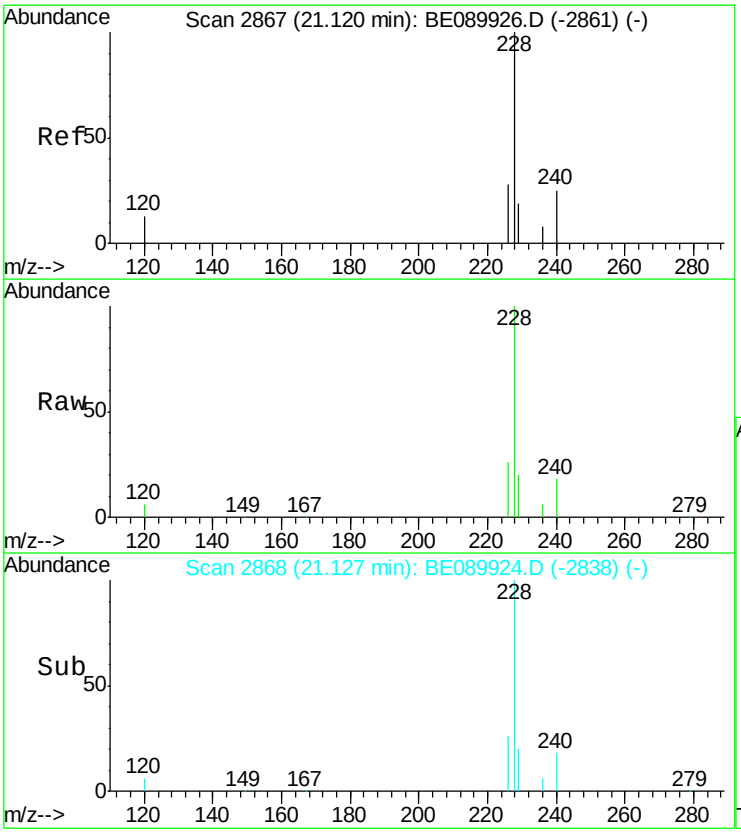
#27
Terphenyl-d14
Concen: 5.56 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 218340

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	11.7	8.7	13.1

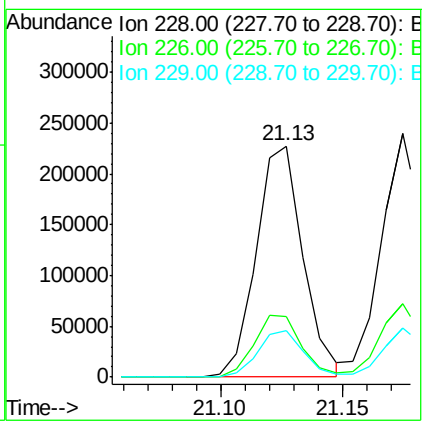


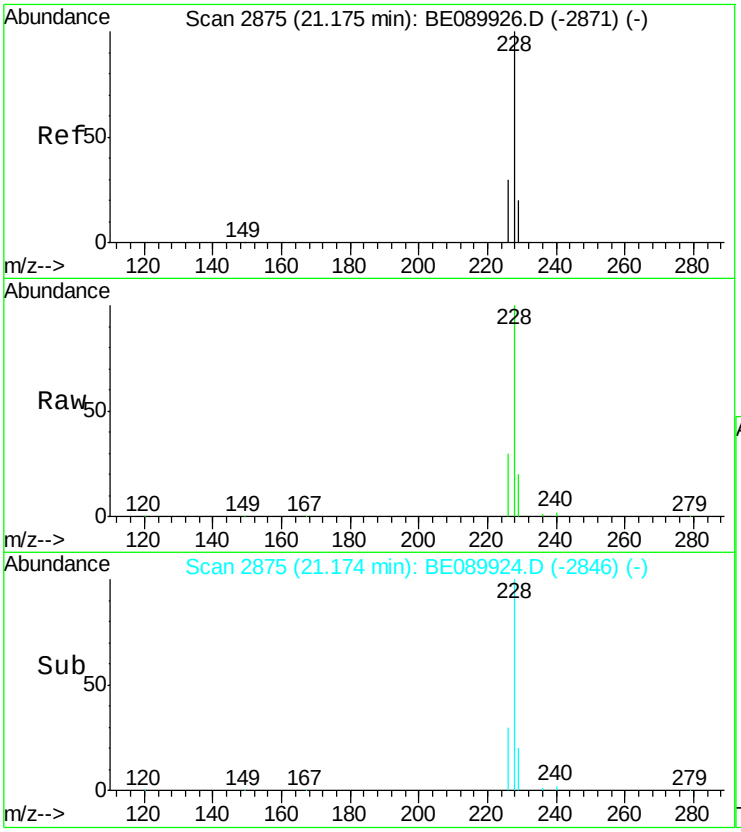


#28
Benzo(a)anthracene
Concen: 3.91 ng
RT: 21.13 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:228 Resp: 300690

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.2	33.4
229	20.2	15.3	22.9



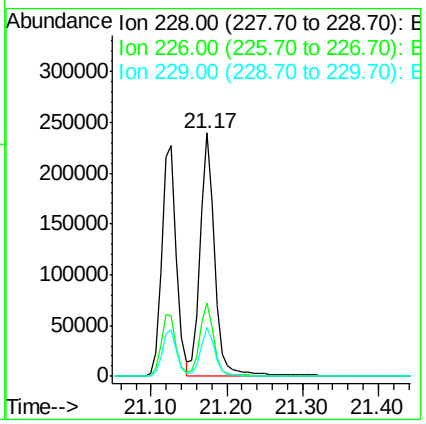


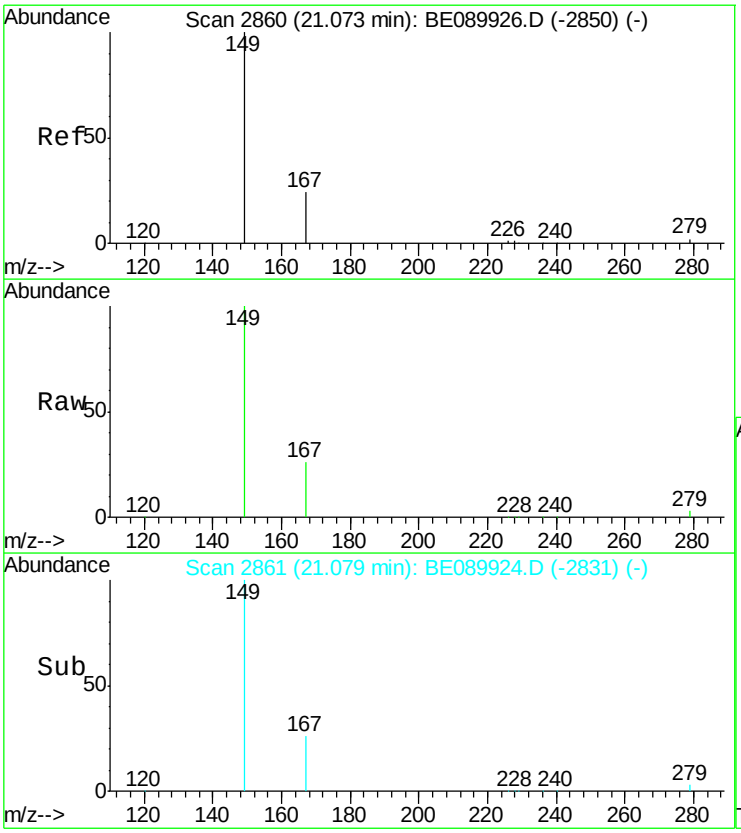
#29
Chrysene
Concen: 3.95 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 319129

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	20.1	15.8	23.8

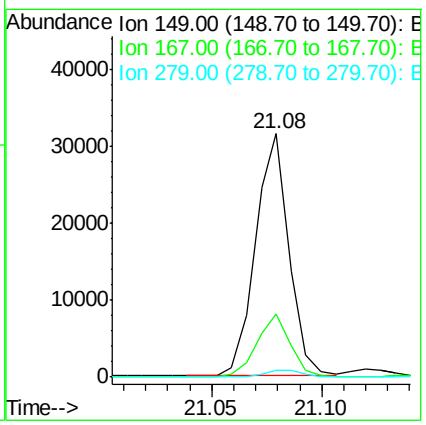


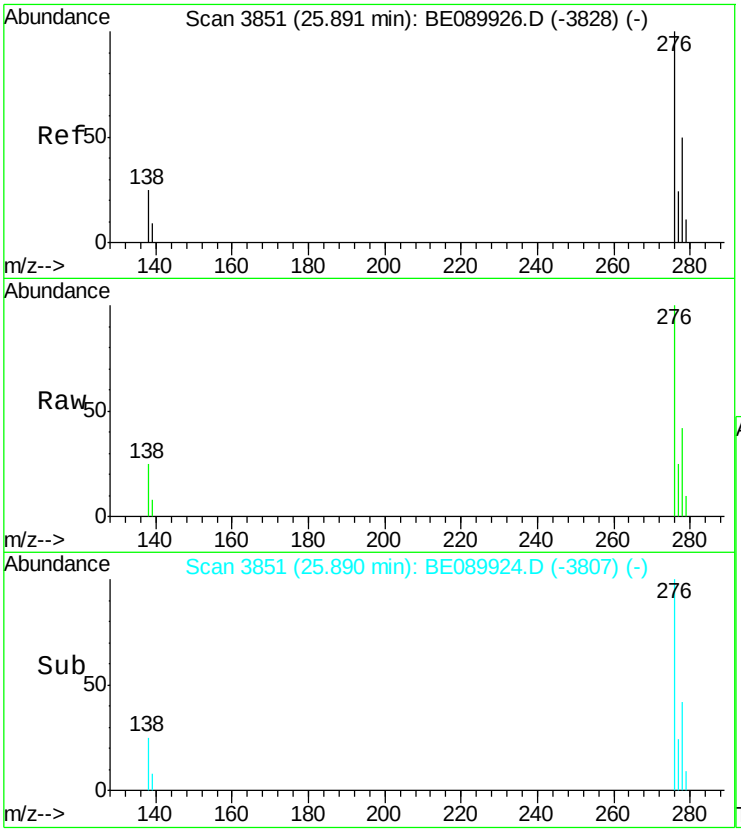


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.83 ng
RT: 21.08 min Scan# 2861
Delta R.T. 0.01 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:149 Resp: 33465

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	3.0	2.7	4.1



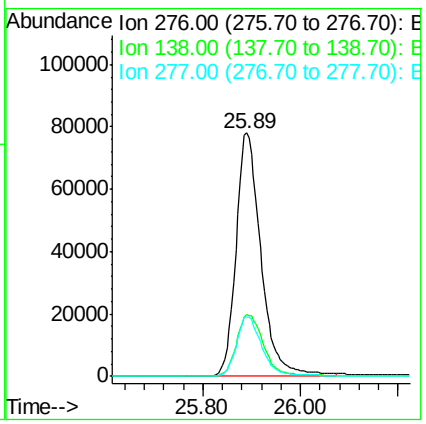


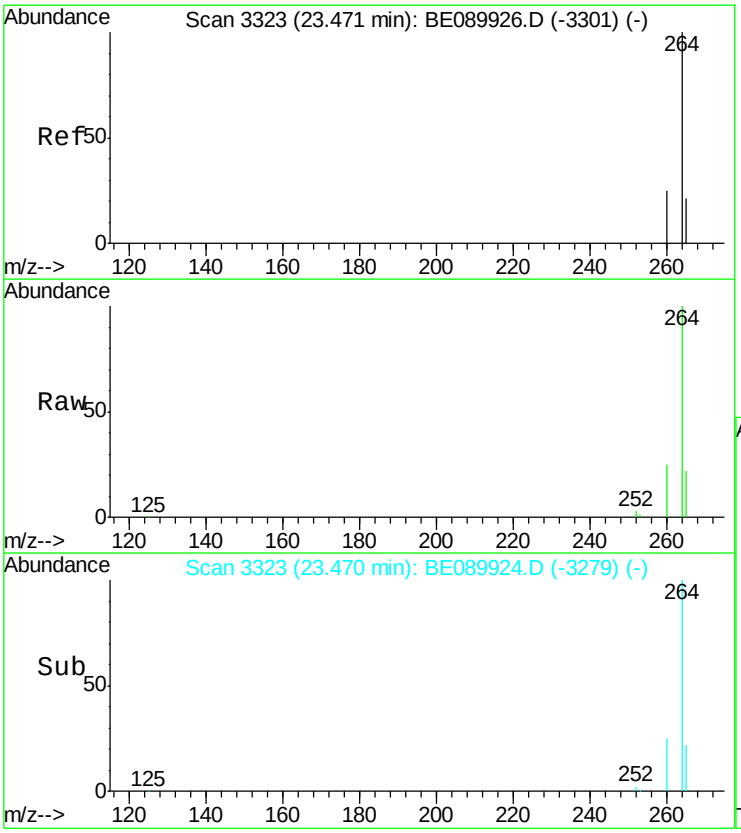
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.63 ng
RT: 25.89 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 277701

Ion	Ratio	Lower	Upper
276	100		
138	27.5	0.0	0.0#
277	25.0	0.0	0.0#

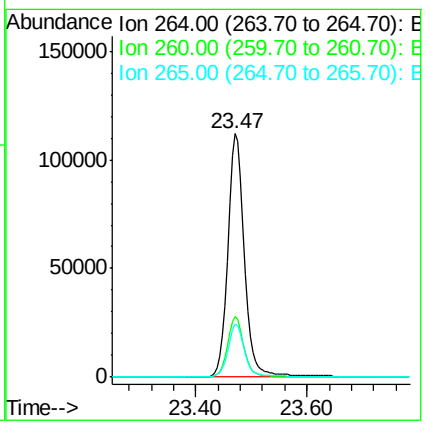


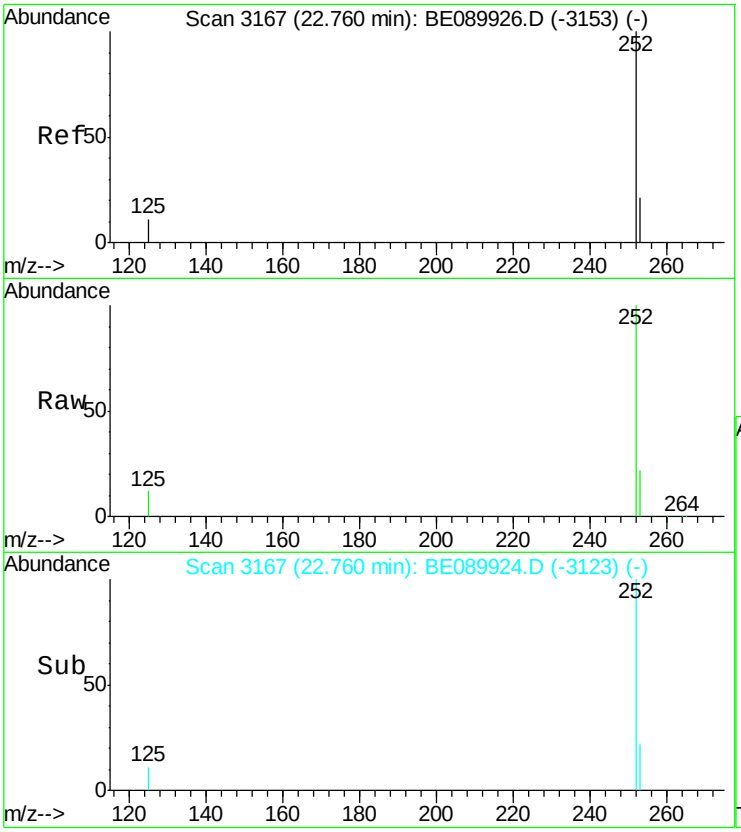


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:264 Resp: 229585

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.6
265	21.7	17.3	25.9



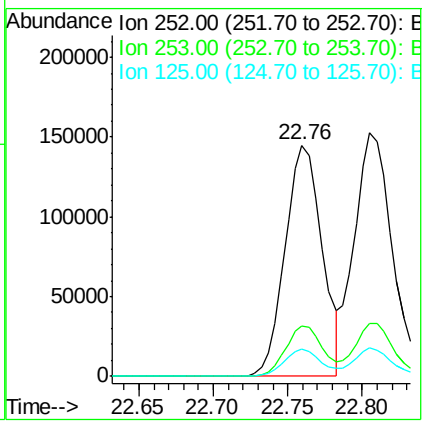


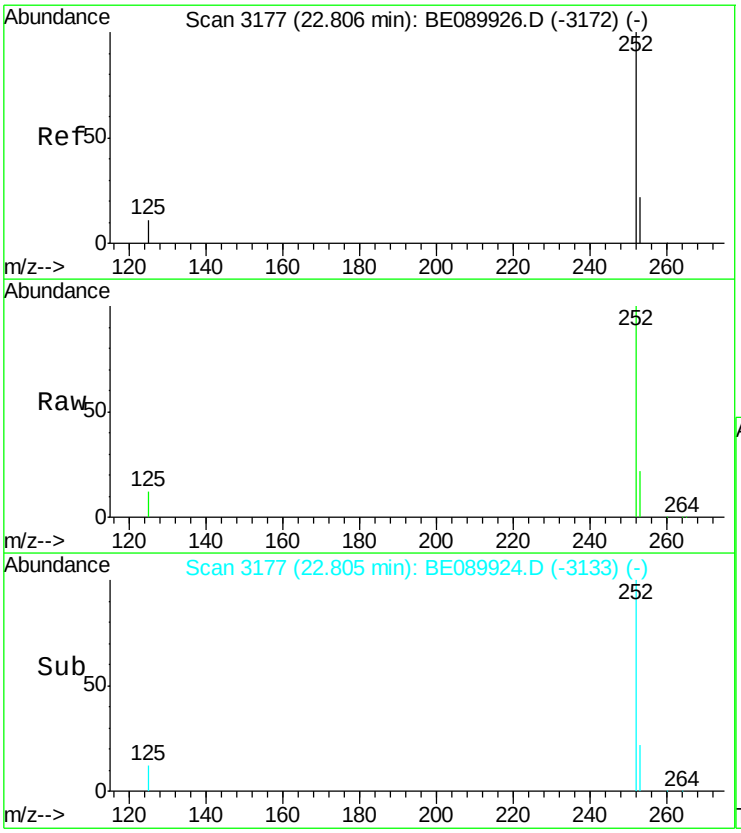
#33
Benzo(b)fluoranthene
Concen: 3.48 ng
RT: 22.76 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 250505

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.6	9.3	13.9

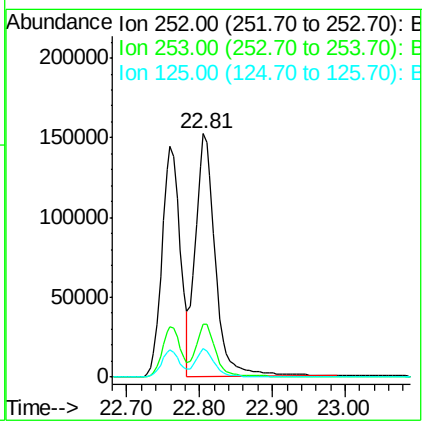


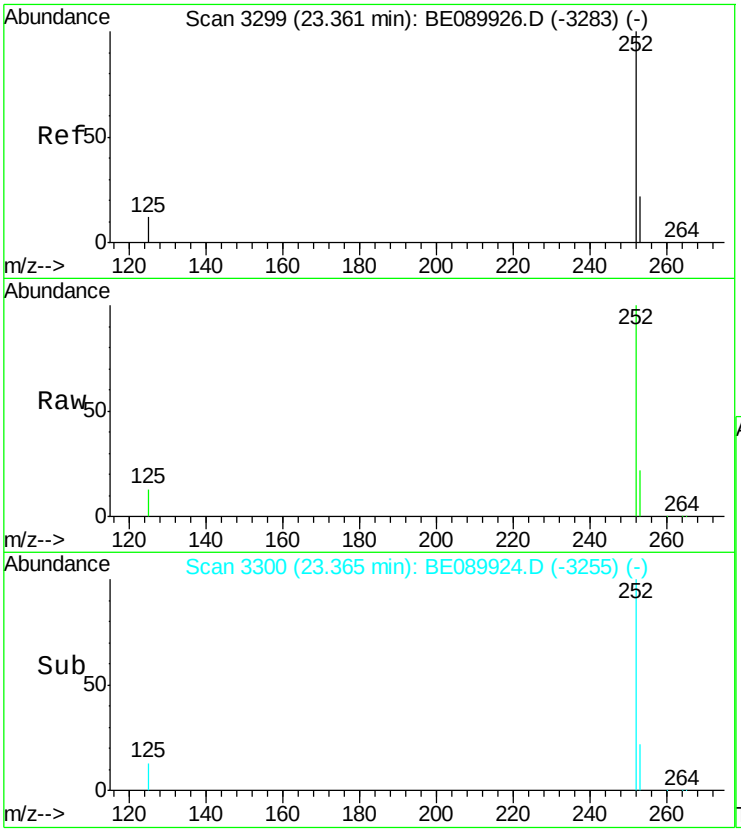


#34
Benzo(k)fluoranthene
Concen: 4.33 ng
RT: 22.81 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:252 Resp: 285761

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.7	9.2	13.8



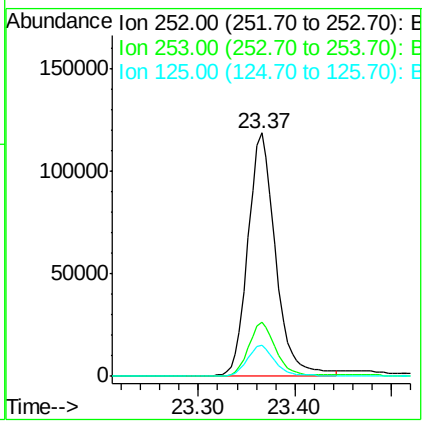


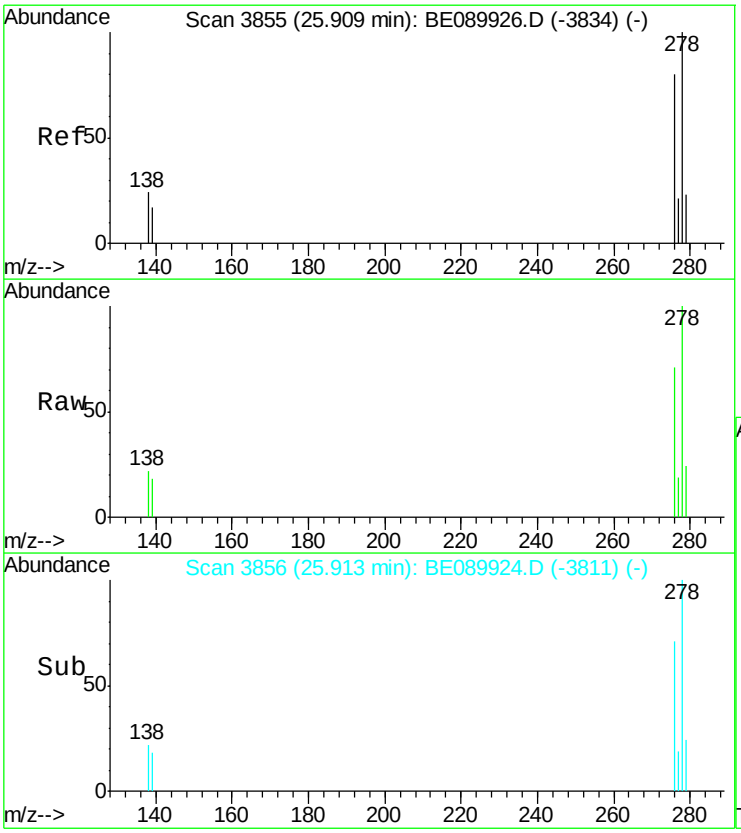
#35
Benzo(a)pyrene
Concen: 3.84 ng
RT: 23.37 min Scan# 3300
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 233719

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.8	10.3	15.5

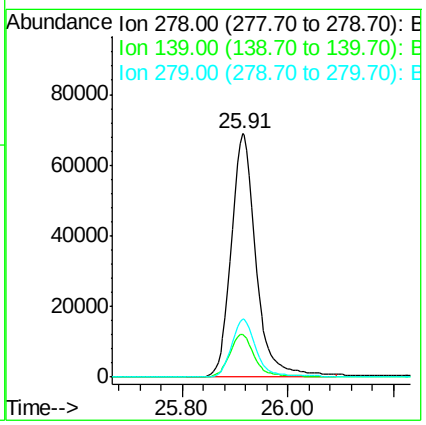


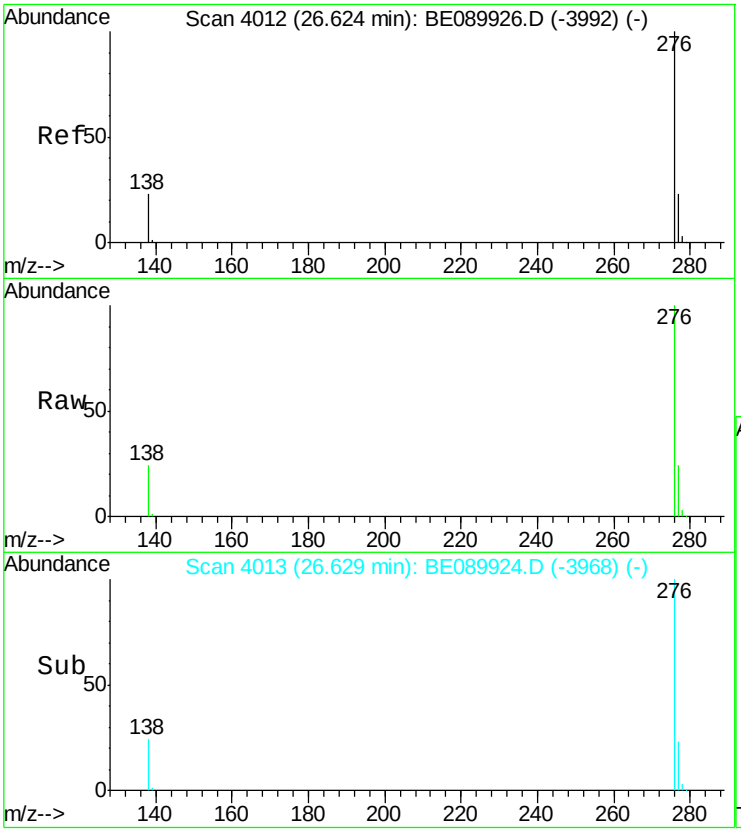


#36
Dibenzo(a,h)anthracene
Concen: 3.75 ng
RT: 25.91 min Scan# 3856
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Tgt Ion:278 Resp: 224849

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.1	21.1
279	23.7	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 3.64 ng
RT: 26.63 min Scan# 4013
Delta R.T. 0.00 min
Lab File: BE089924.D
Acq: 23 Jun 2015 21:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 230007

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	23.8	18.8	28.2