Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089984.D
Acq On : 29 Jun 2015 15:33
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC002

Quant Time: Jun 30 06:05:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 06:02:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	27942	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	121318	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	72076	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	177913	5.00	ng	0.00
25) Chrysene-d12	21.13	240	229780	5.00	ng	0.00
32) Perylene-d12	23.46	264	223505	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	11728	2.23	ng	0.00
5) Phenol-d6	6.80	99	16748	2.11	ng	0.00
7) Nitrobenzene-d5	8.76	82	17449	1.90	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	4165	3.82	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	38165	1.79	ng	0.00
27) Terphenyl-d14	19.59	244	69446	1.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	6556	1.71	ng	99
3) n-Nitrosodimethylamine	3.53	42	9161	1.81	ng	98
8) Nitrobenzene	8.80	77	18741	1.92	ng	99
9) Naphthalene	10.43	128	47800	1.75	ng	100
10) Hexachlorobutadiene	10.72	225	7423	1.73	ng	99
11) 2-Methylnaphthalene	12.04	142	32258	1.73	ng	99
15) Acenaphthylene	13.95	152	233589	1.83	ng	100
16) Acenaphthene	14.30	154	33979	1.82	ng	98
17) Fluorene	15.29	166	44259	1.74	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	13395	1.81	ng	100
20) Hexachlorobenzene	16.30	284	54277	1.70	ng	99
21) Pentachlorophenol	16.63	266	6186	4.20	ng	97
22) Phenanthrene	17.01	178	79943	1.77	ng	100
23) Anthracene	17.10	178	76015	1.82	ng	99
24) Fluoranthene	19.02	202	94558	1.92	ng	100
26) Pyrene	19.38	202	98795	1.70	ng	100
28) Benzo(a)anthracene	21.11	228	102360	1.84	ng	99
29) Chrysene	21.17	228	106600	1.76	ng	99
30) Bis(2-ethylhexyl)phthalate	21.07	149	39142	5.74	ng	100
31) Indeno(1,2,3-cd)pyrene	25.87	276	107540	2.34	ng	99
33) Benzo(b)fluoranthene	22.75	252	91224	1.91	ng	99
34) Benzo(k)fluoranthene	22.80	252	101784	1.88	ng	99
35) Benzo(a)pyrene	23.35	252	86310	2.02	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	87783	2.18	ng	99
37) Benzo(g,h,i)perylene	26.60	276	88004	2.05	ng	99

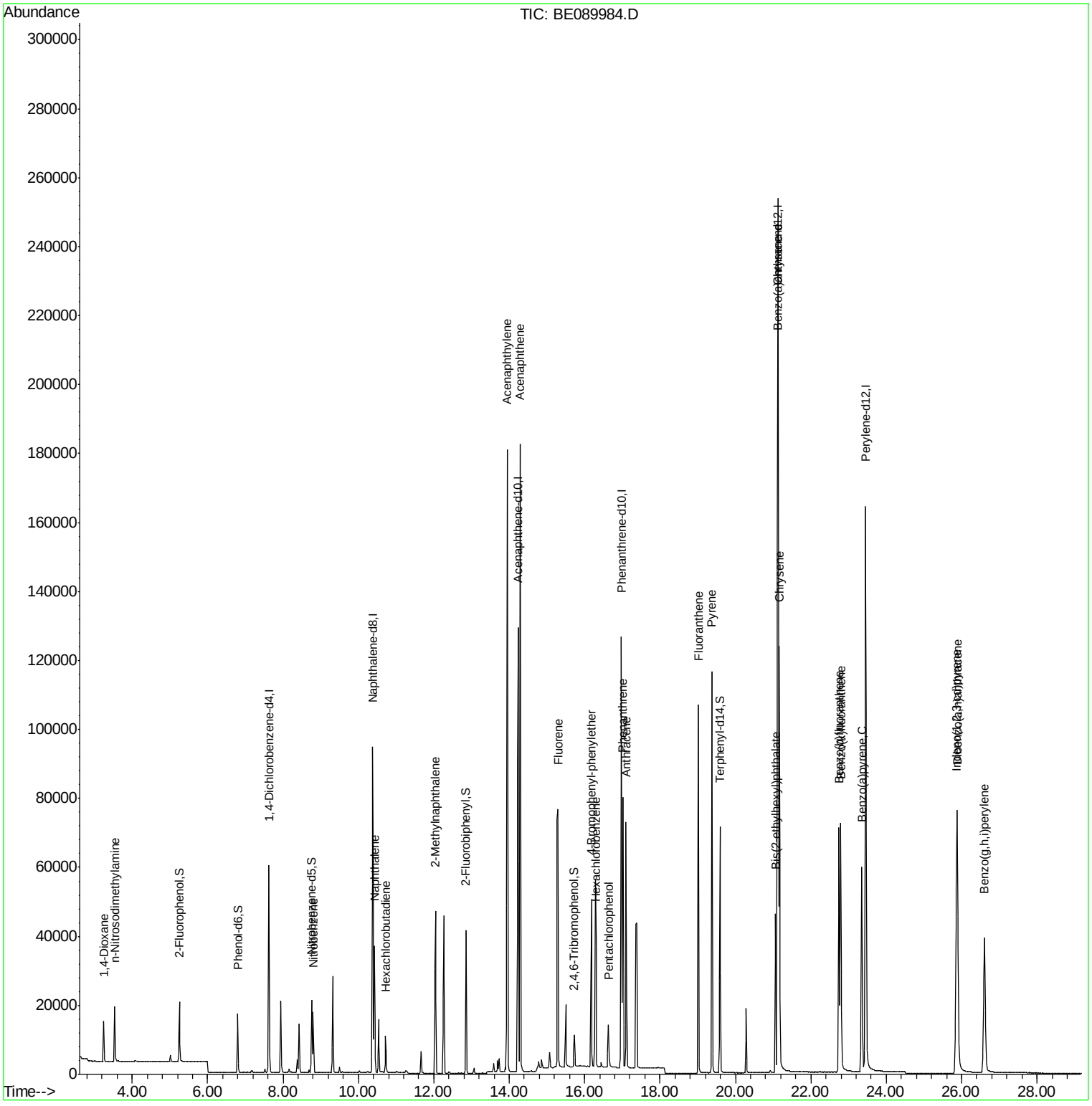
(#) = qualifier out of range (m) = manual integration (+) = signals summed

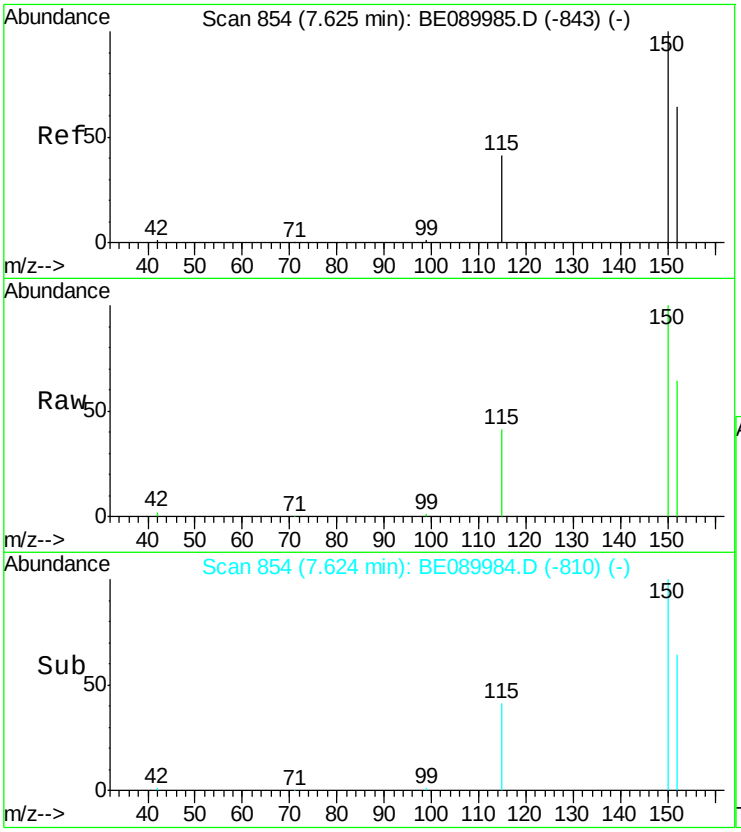
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089984.D
Acq On : 29 Jun 2015 15:33
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Quant Time: Jun 30 06:05:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 06:02:58 2015
Response via : Initial Calibration



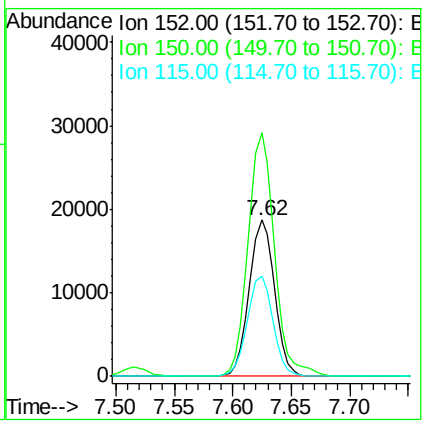


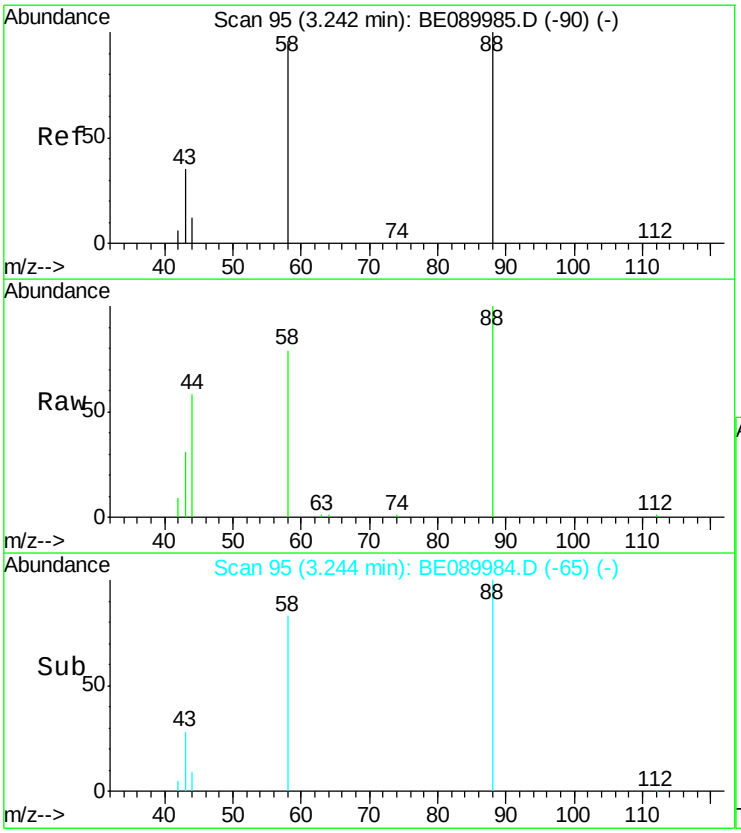
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 27942

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.9	185.9
115	64.0	50.6	76.0

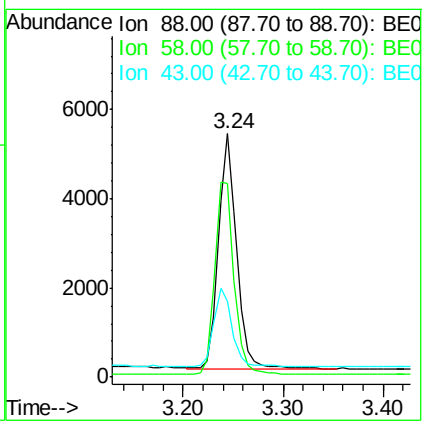


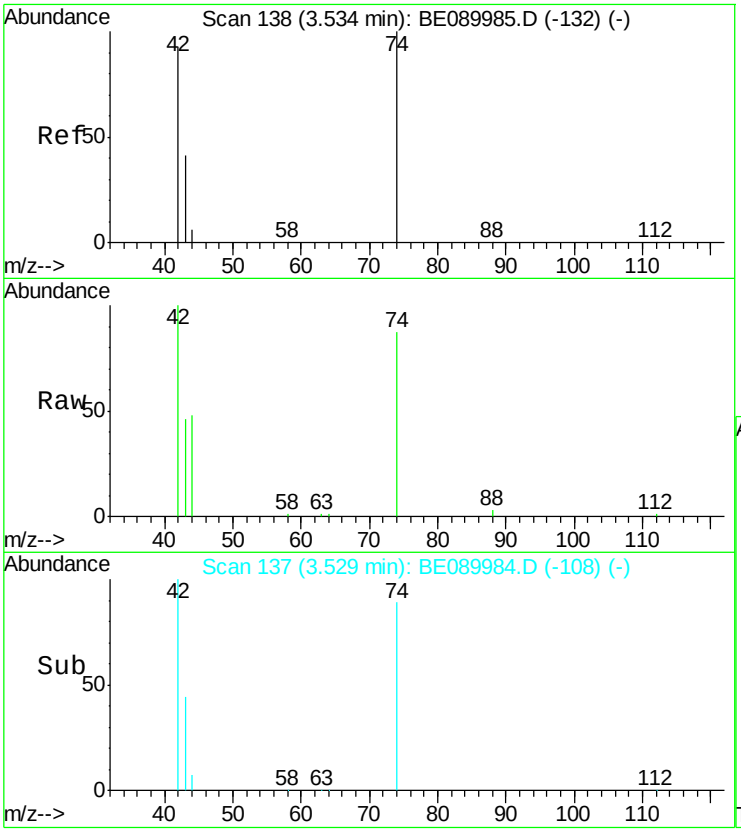


#2
1,4-Dioxane
Concen: 1.71 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion: 88 Resp: 6556

Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.9	106.3
43	33.9	27.6	41.4



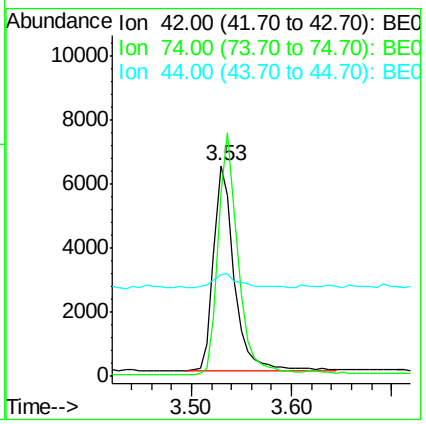


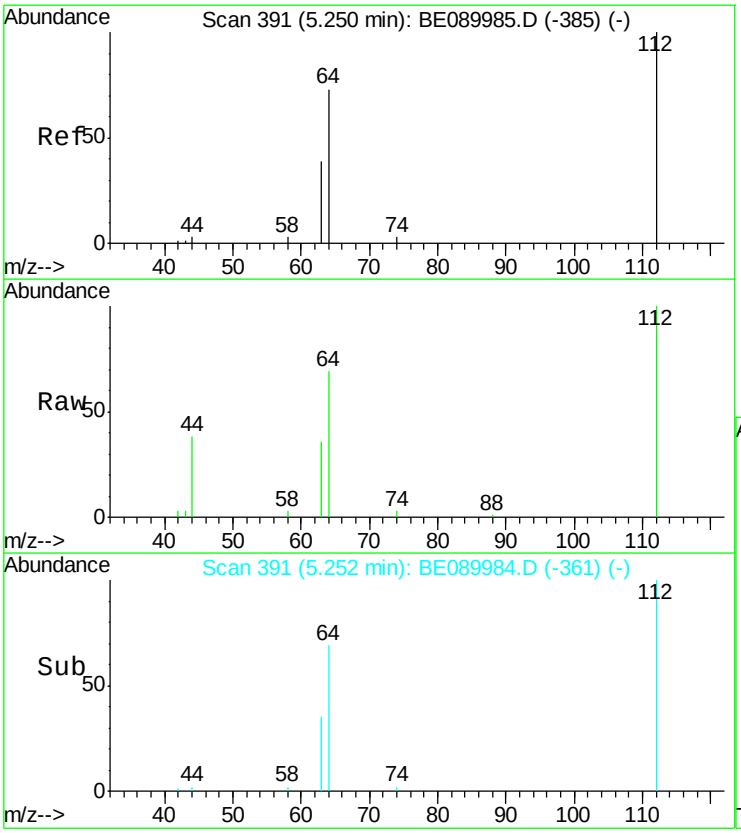
#3
n-Nitrosodimethylamine
Concen: 1.81 ng
RT: 3.53 min Scan# 137
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 9161

Ion	Ratio	Lower	Upper
42	100		
74	113.6	89.4	134.2
44	9.2	6.9	10.3

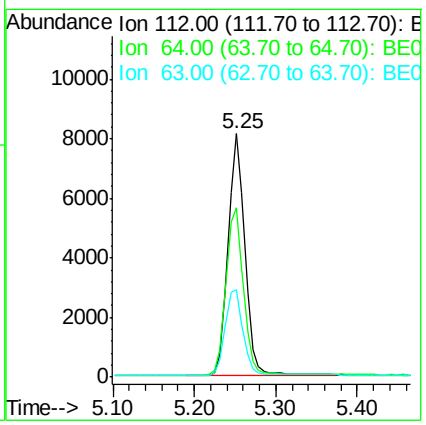


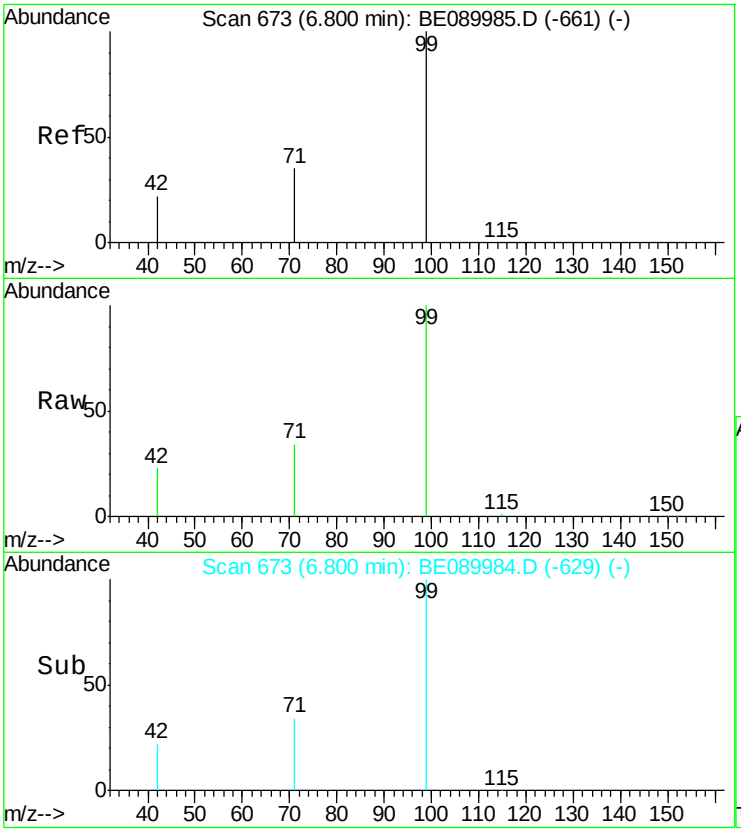


#4
2-Fluorophenol
Concen: 2.23 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:112 Resp: 11728

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	38.0	29.8	44.6



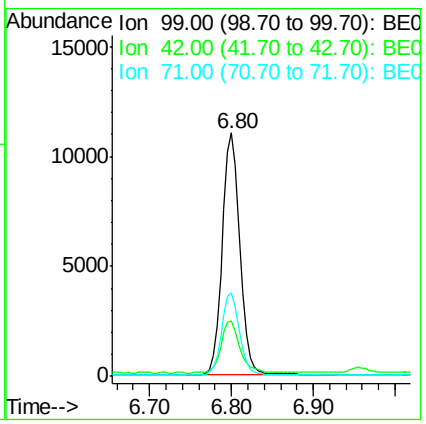


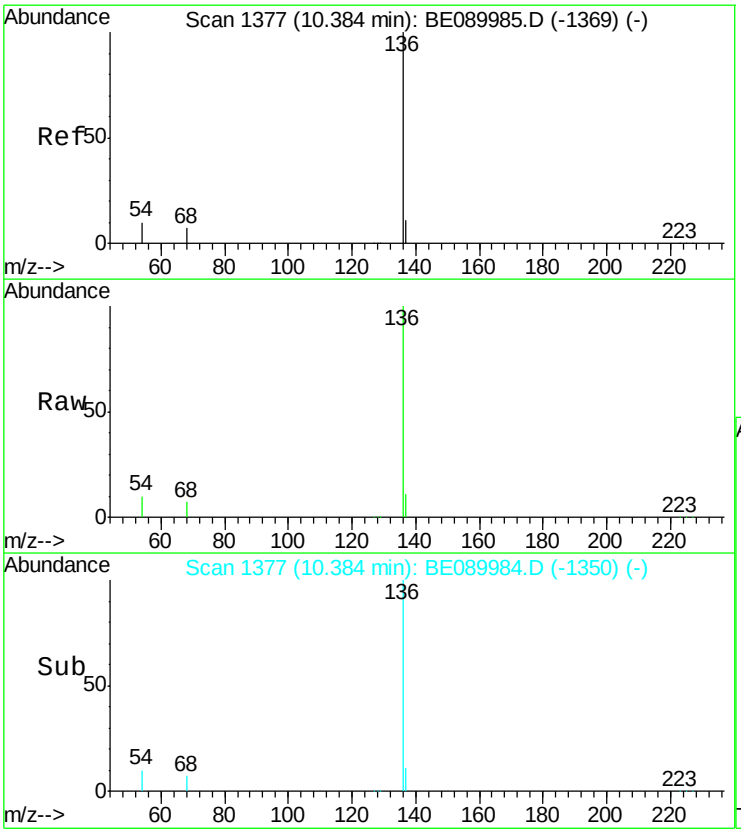
#5
Phenol-d6
Concen: 2.11 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 16748

Ion	Ratio	Lower	Upper
99	100		
42	23.0	18.7	28.1
71	33.9	27.5	41.3

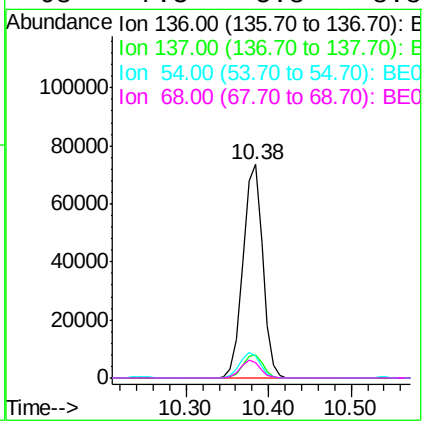


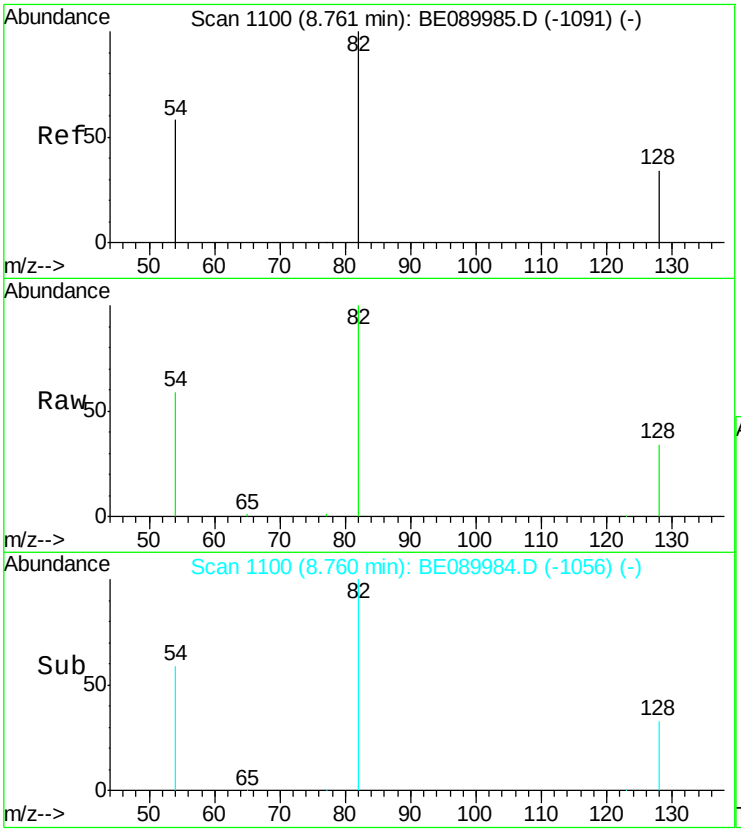


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:136 Resp: 121318

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.2	8.2	12.4
68	7.3	5.8	8.8



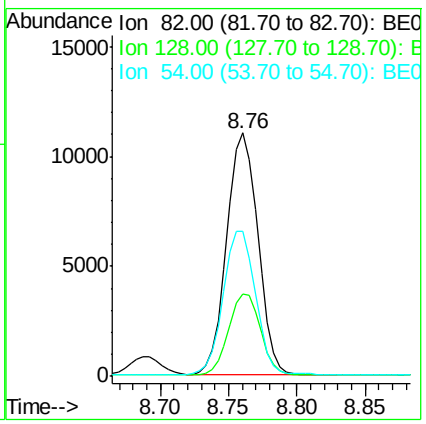


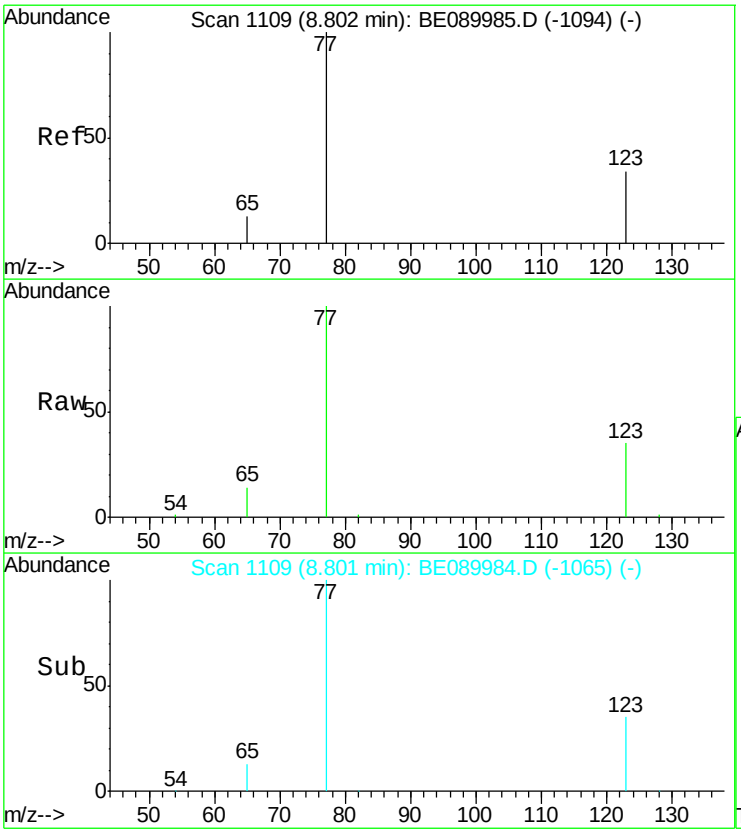
#7
Nitrobenzene-d5
Concen: 1.90 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 82 Resp: 17449

Ion	Ratio	Lower	Upper
82	100		
128	33.7	28.0	42.0
54	59.3	47.6	71.4

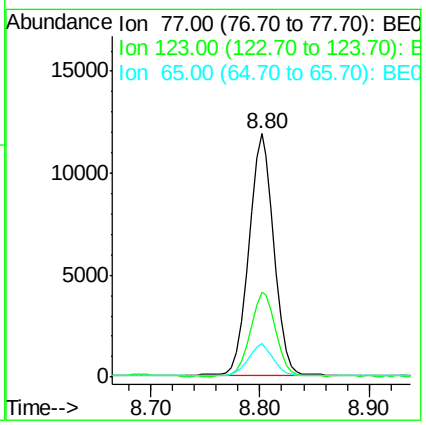


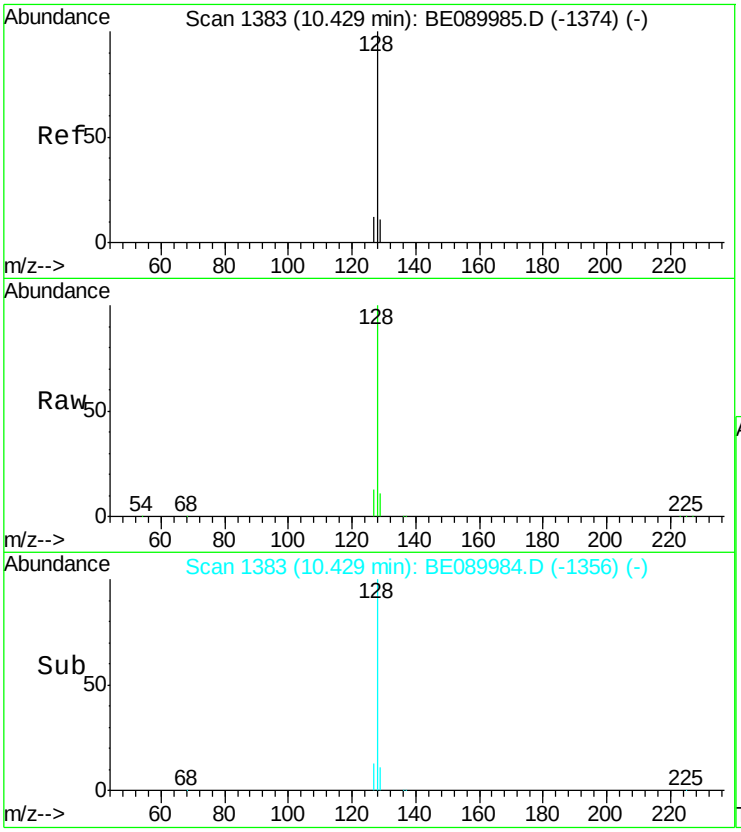


#8
Nitrobenzene
Concen: 1.92 ng
RT: 8.80 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion: 77 Resp: 18741

Ion	Ratio	Lower	Upper
77	100		
123	35.2	27.4	41.0
65	13.1	10.6	15.8



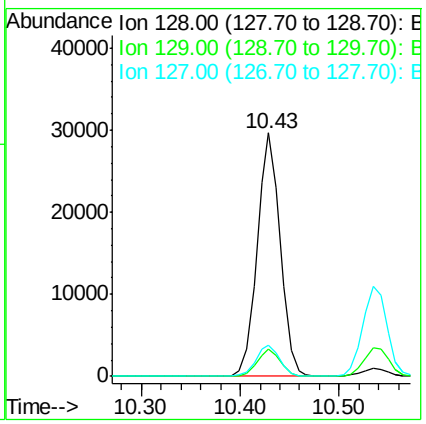


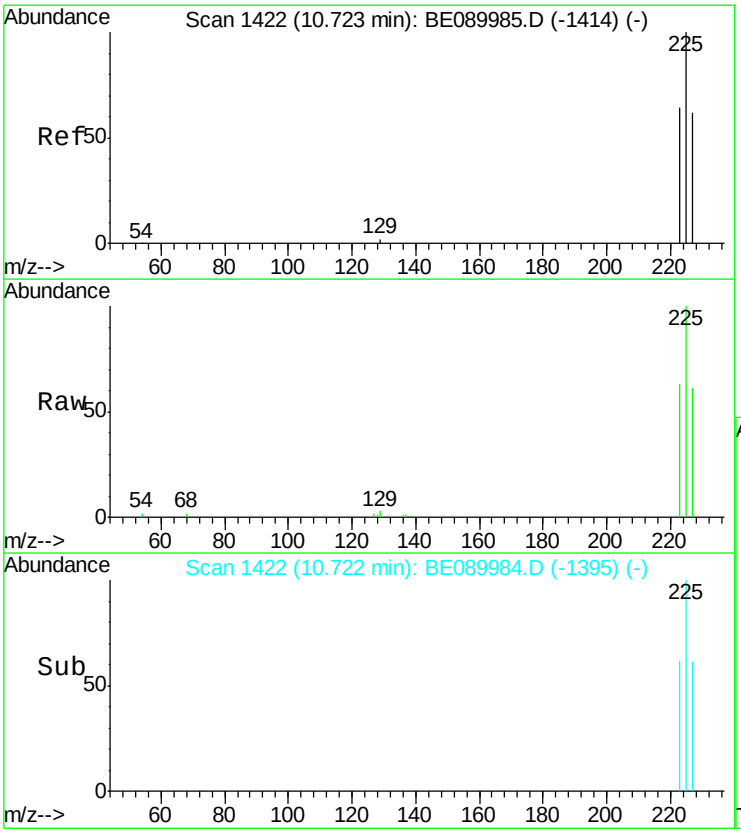
#9
Naphthalene
Concen: 1.75 ng
RT: 10.43 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:128 Resp: 47800

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	12.8	10.2	15.4

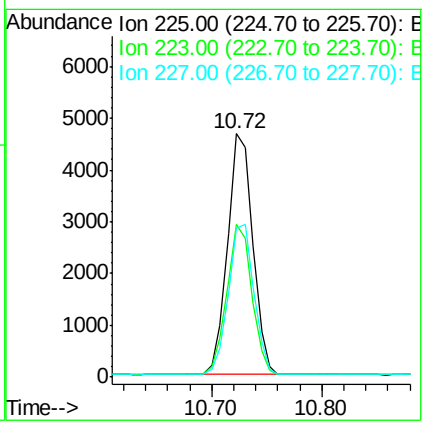


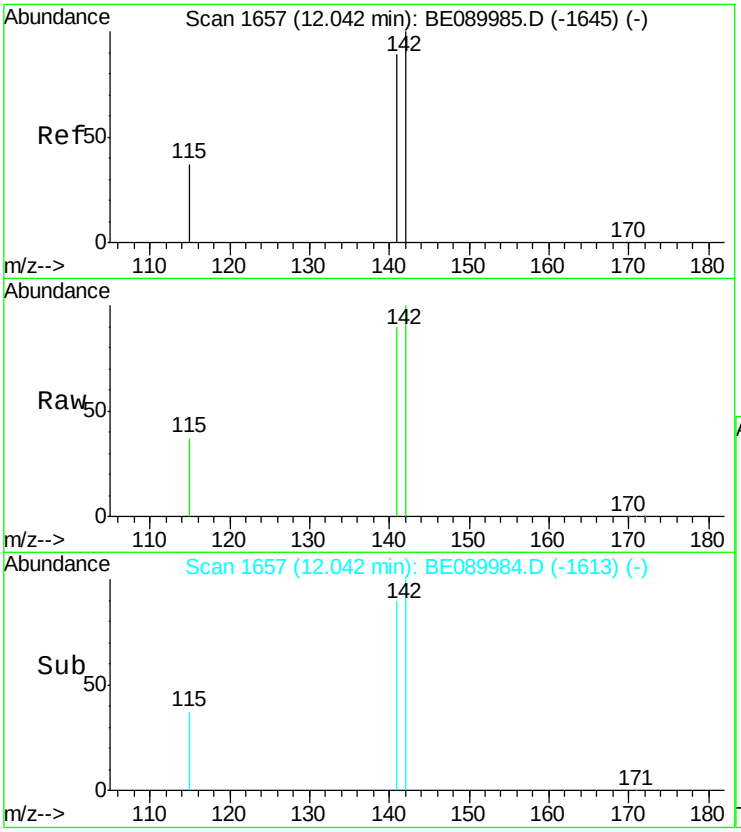


#10
Hexachlorobutadiene
Concen: 1.73 ng
RT: 10.72 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:225 Resp: 7423

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	63.3	50.9	76.3



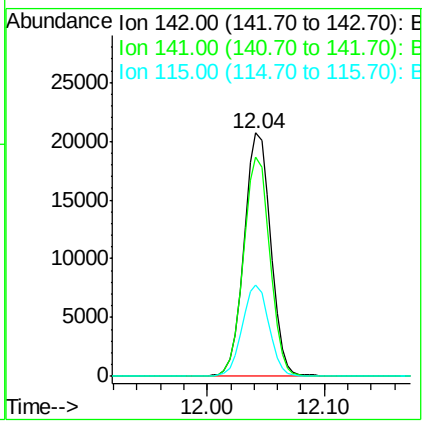


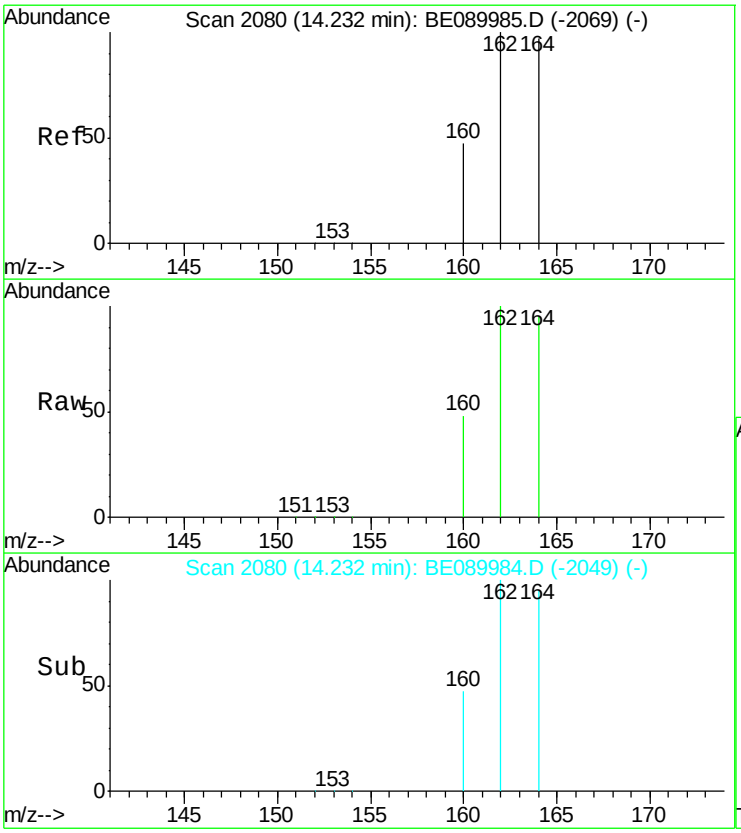
#11
2-Methylnaphthalene
Concen: 1.73 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:142 Resp: 32258

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	37.4	30.4	45.6

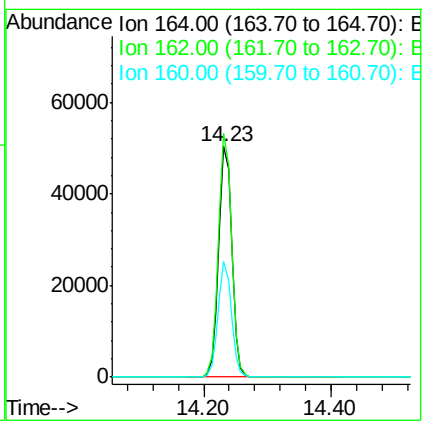


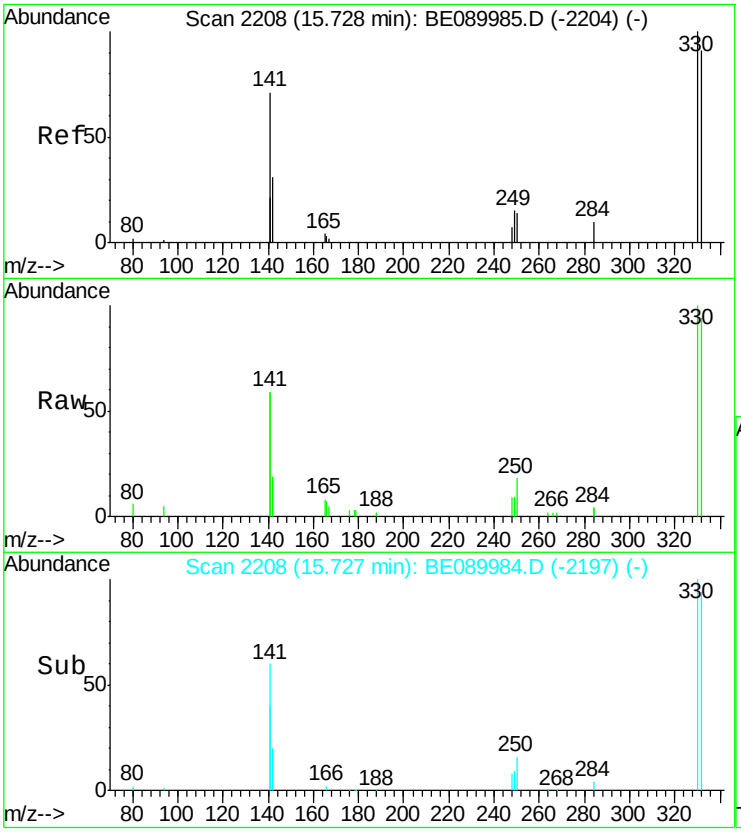


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:164 Resp: 72076

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.4
160	50.2	39.0	58.6



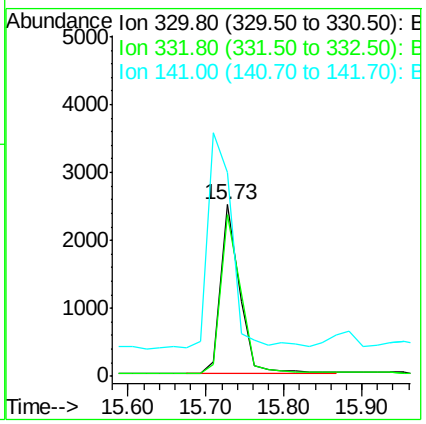


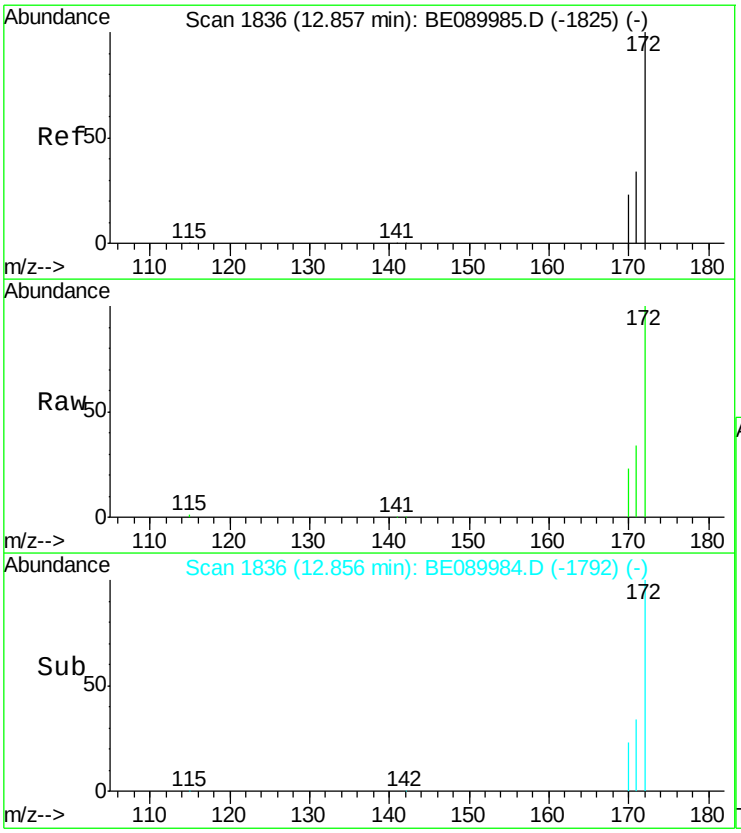
#13
2,4,6-Tribromophenol
Concen: 3.82 ng
RT: 15.73 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:330 Resp: 4165

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.4	114.6
141	168.3	130.3	195.5

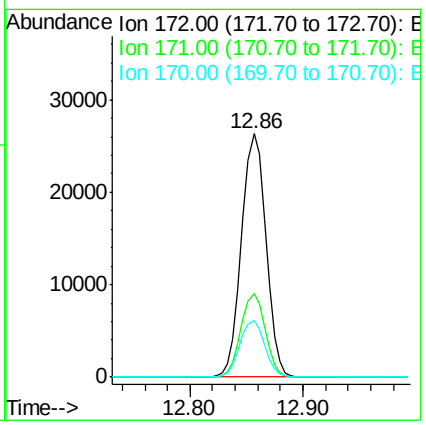


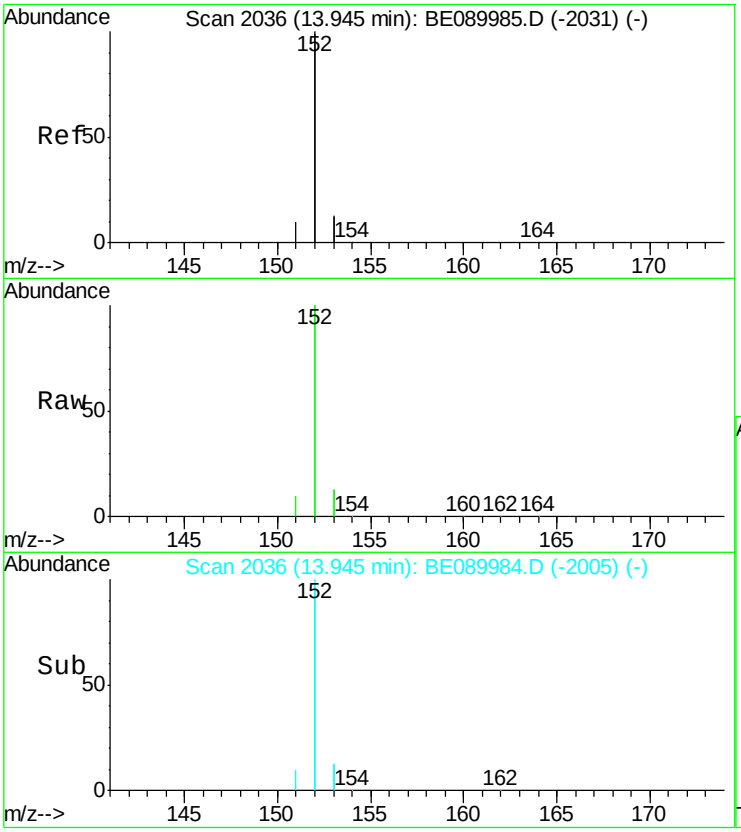


#14
2-Fluorobiphenyl
Concen: 1.79 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:172 Resp: 38165

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	23.3	18.3	27.5



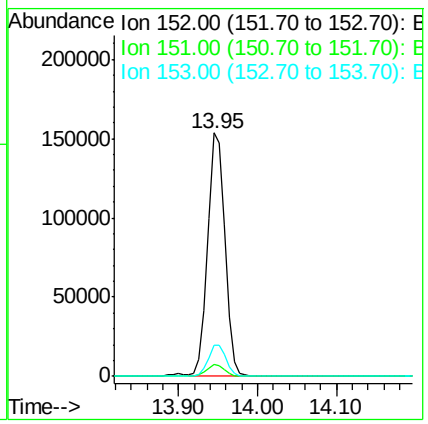


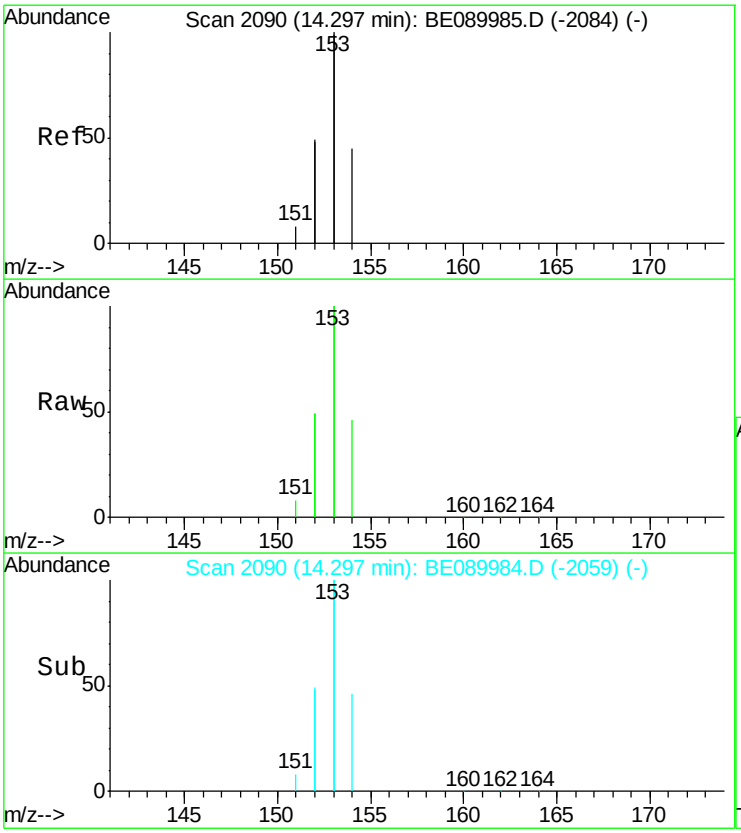
#15
Acenaphthylene
Concen: 1.83 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 233589

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

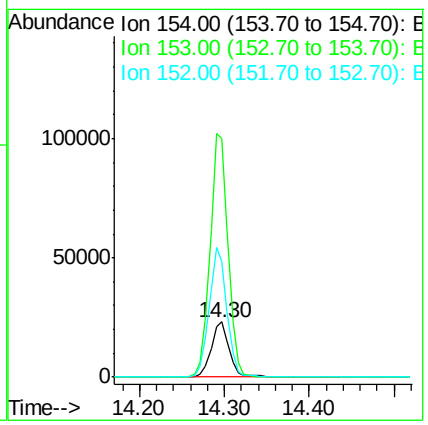


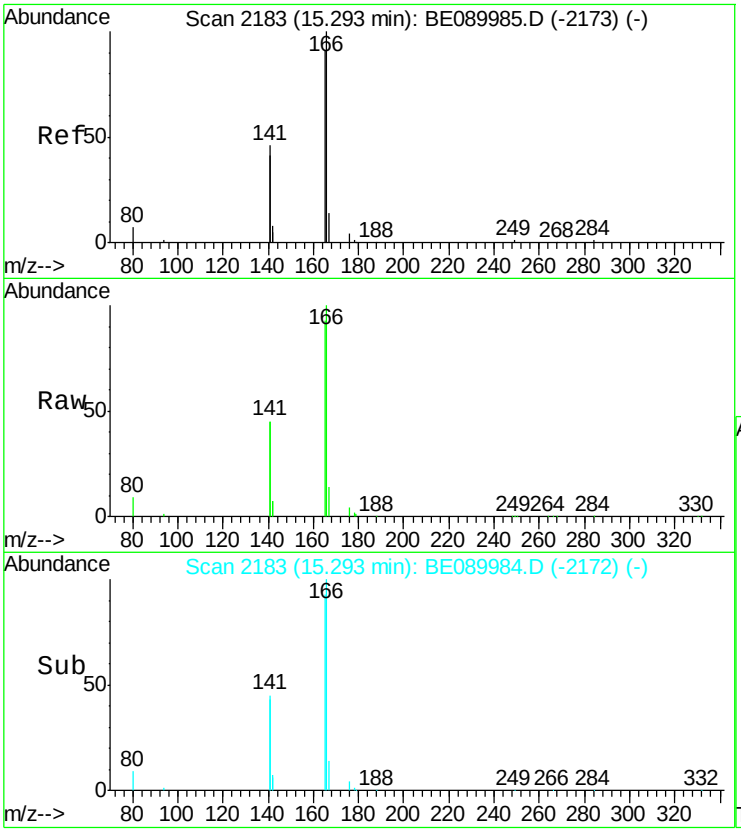


#16
Acenaphthene
Concen: 1.82 ng
RT: 14.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:154 Resp: 33979

Ion	Ratio	Lower	Upper
154	100		
153	444.4	358.6	538.0
152	230.1	189.6	284.4



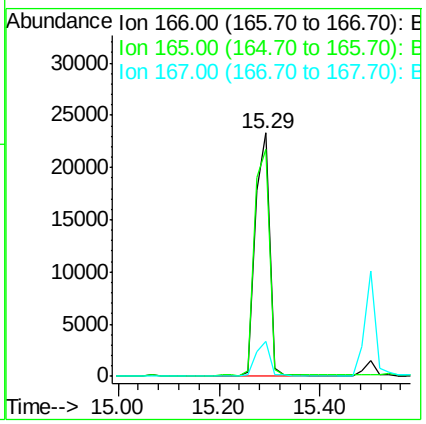


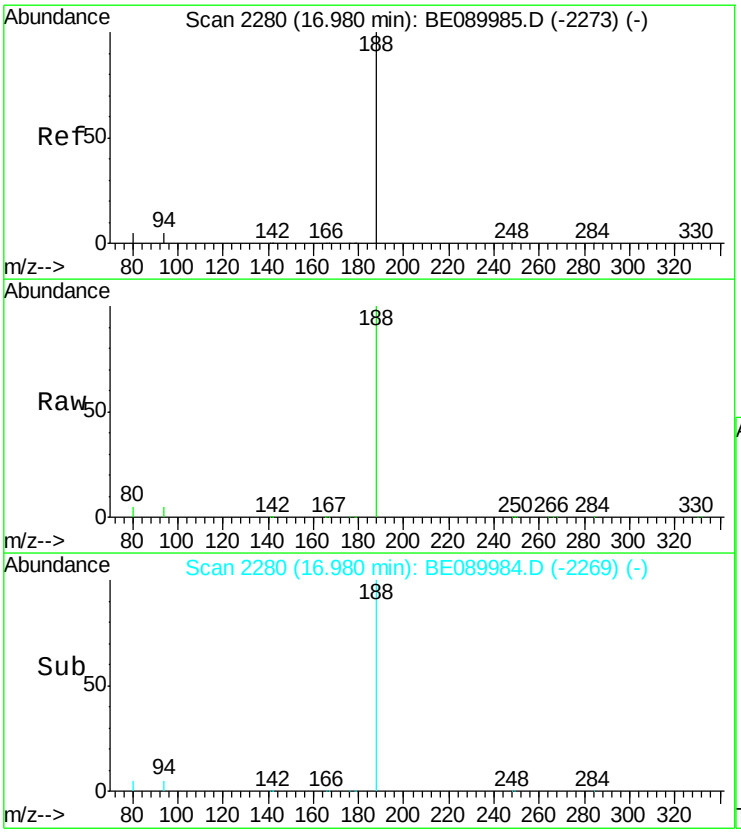
#17
Fluorene
Concen: 1.74 ng
RT: 15.29 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:166 Resp: 44259

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	14.0	11.8	17.8

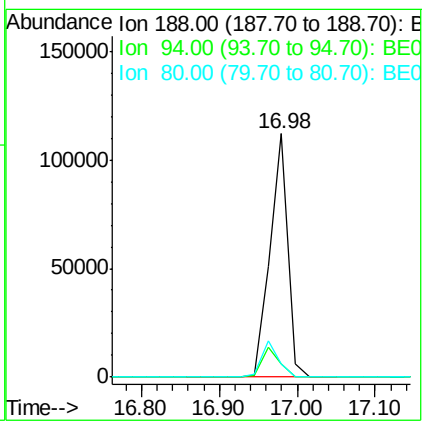


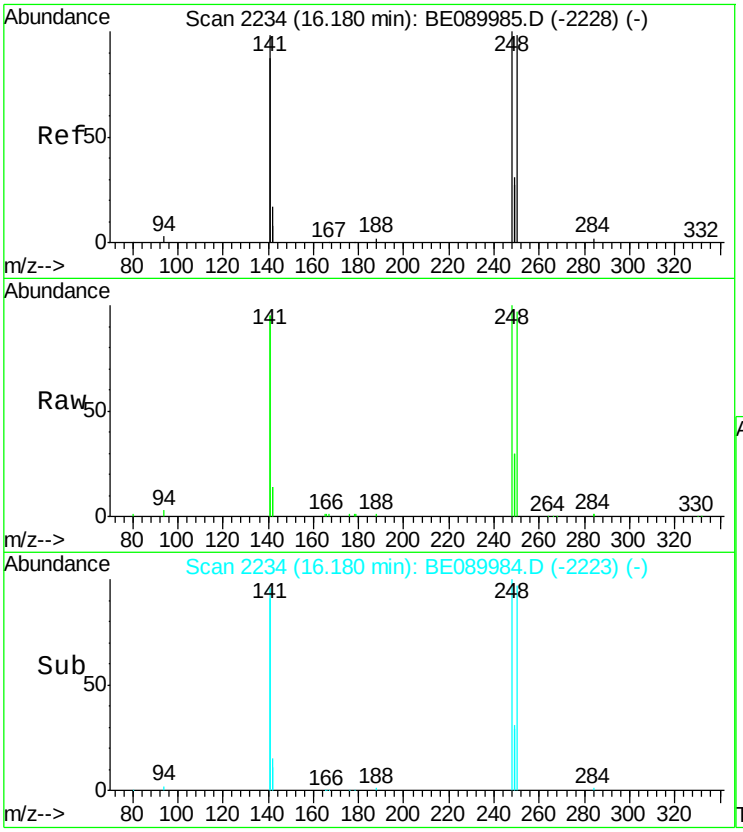


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:188 Resp: 177913

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.1	6.1
80	5.4	4.2	6.2



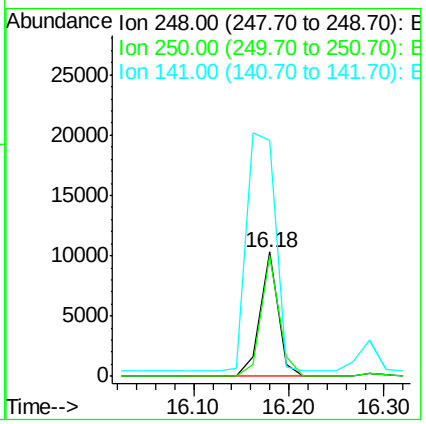


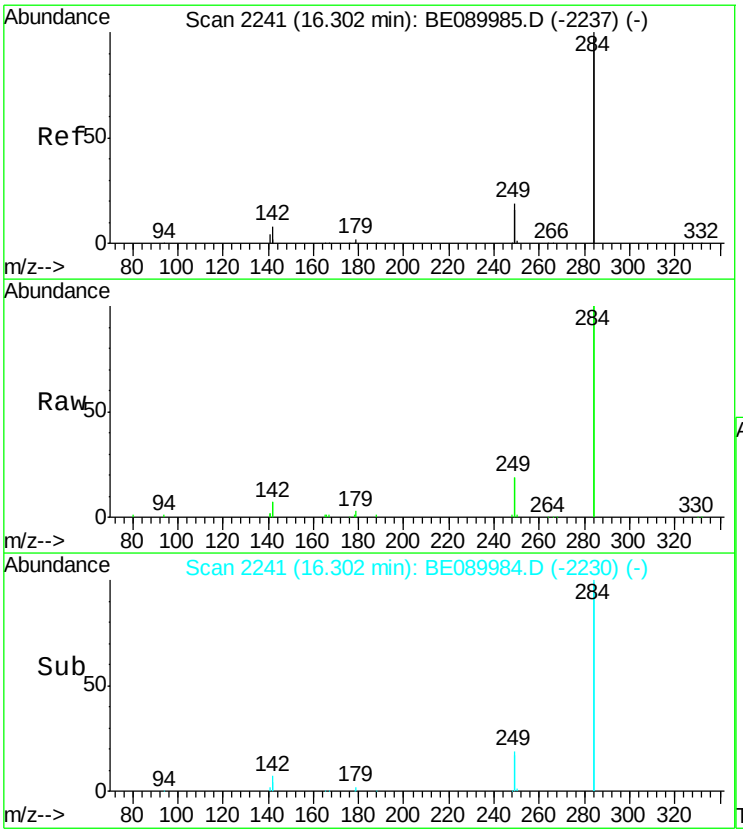
#19
4-Bromophenyl-phenylether
Concen: 1.81 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:248 Resp: 13395

Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.3	117.5
141	310.7	248.1	372.1

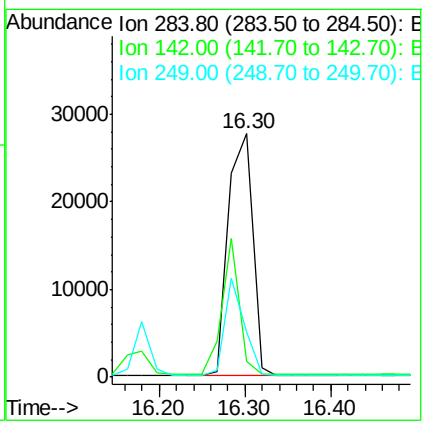


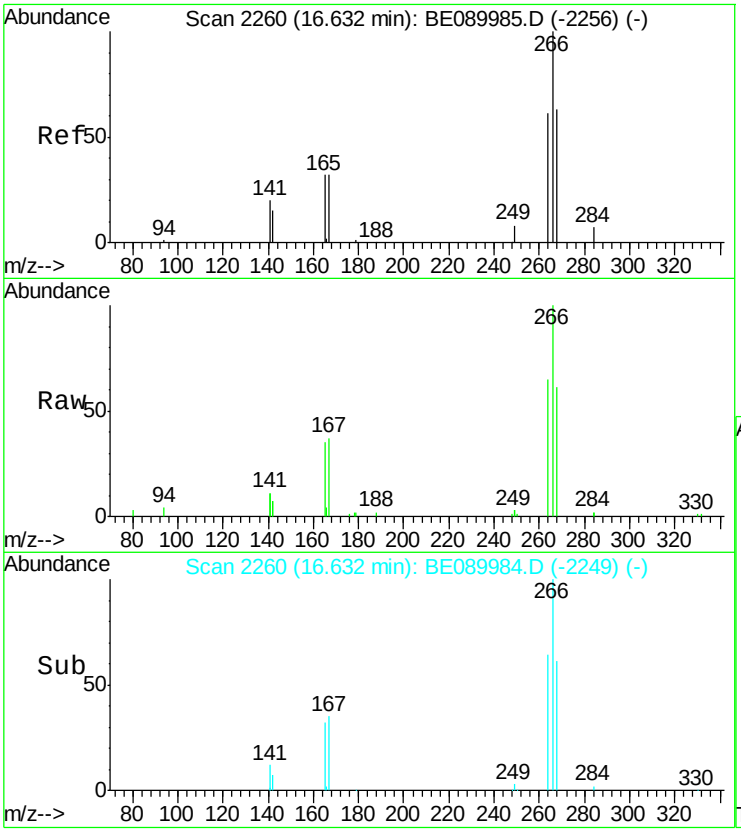


#20
Hexachlorobenzene
Concen: 1.70 ng
RT: 16.30 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:284 Resp: 54277

Ion	Ratio	Lower	Upper
284	100		
142	40.3	32.6	49.0
249	32.2	25.5	38.3



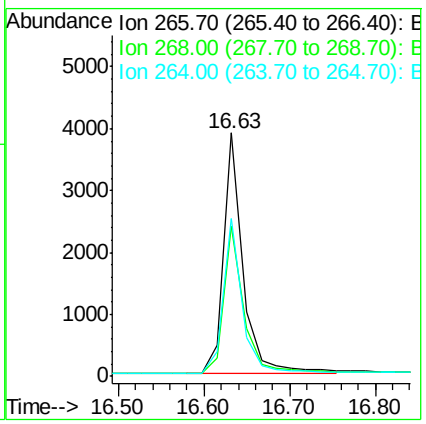


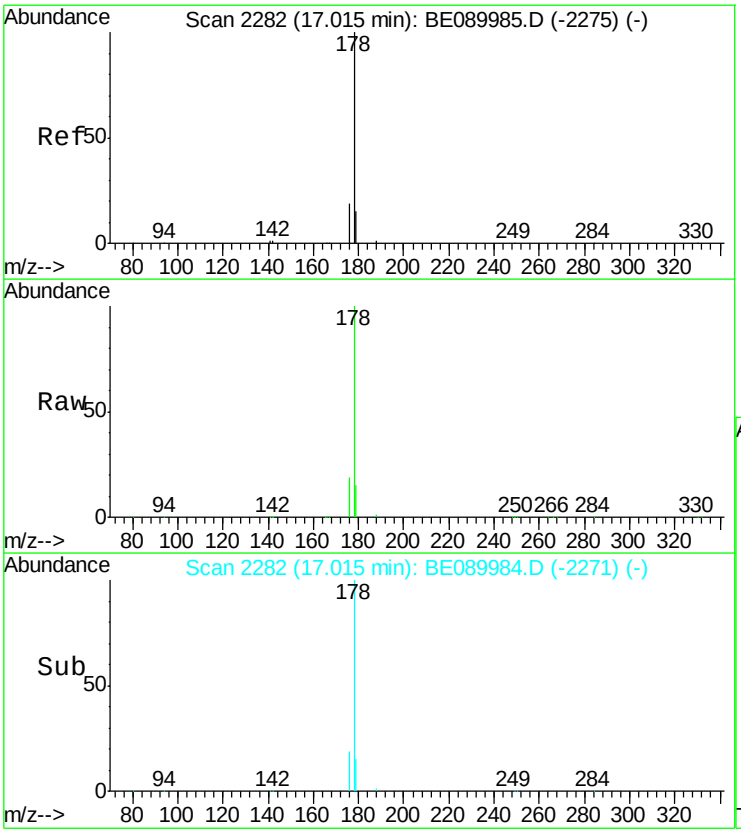
#21
Pentachlorophenol
Concen: 4.20 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 6186

Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.8	77.8
264	64.6	50.2	75.2

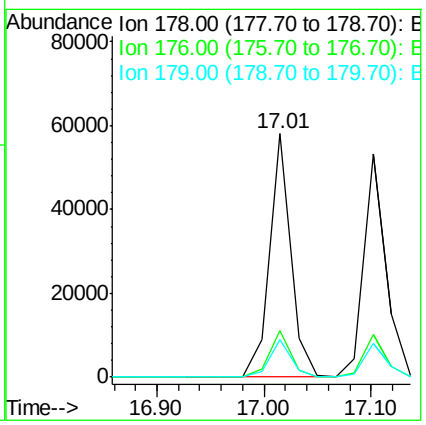


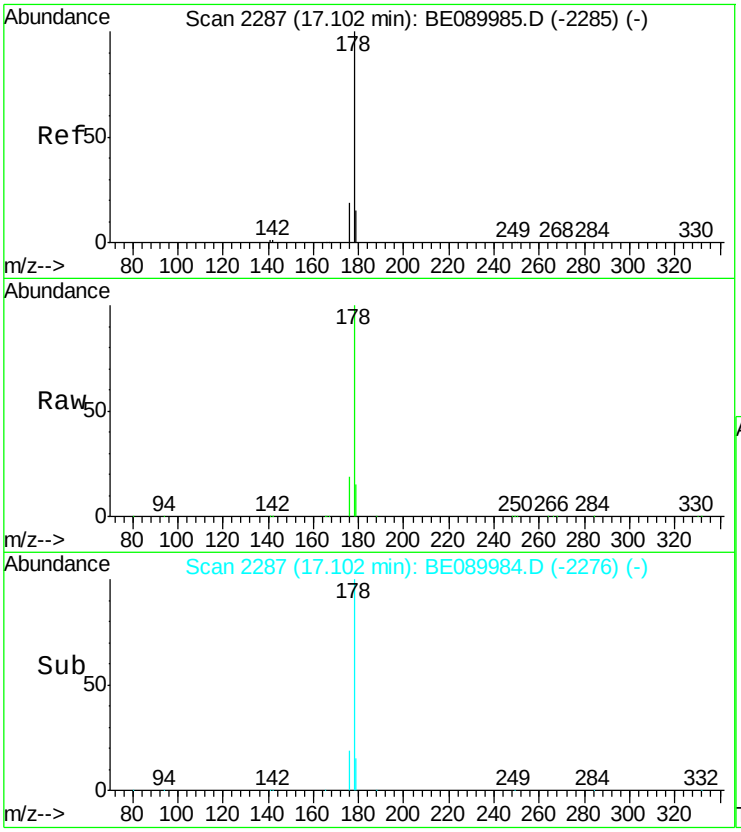


#22
Phenanthrene
Concen: 1.77 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:178 Resp: 79943

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6



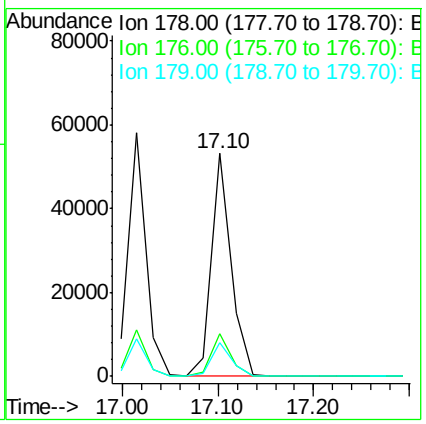


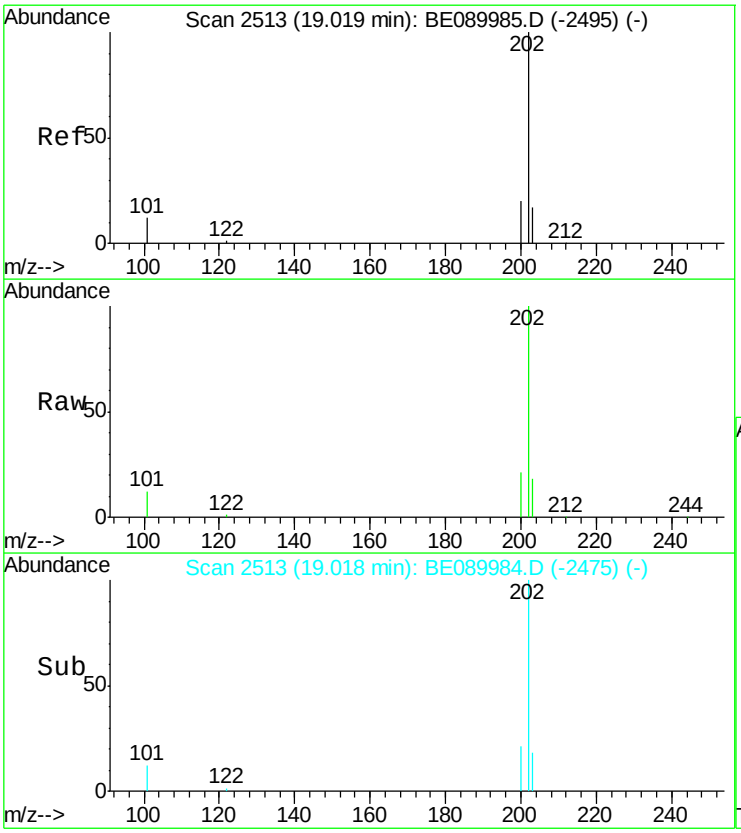
#23
Anthracene
Concen: 1.82 ng
RT: 17.10 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 76015

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.5	12.1	18.1

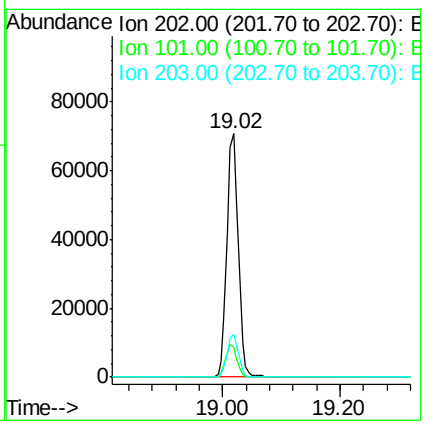


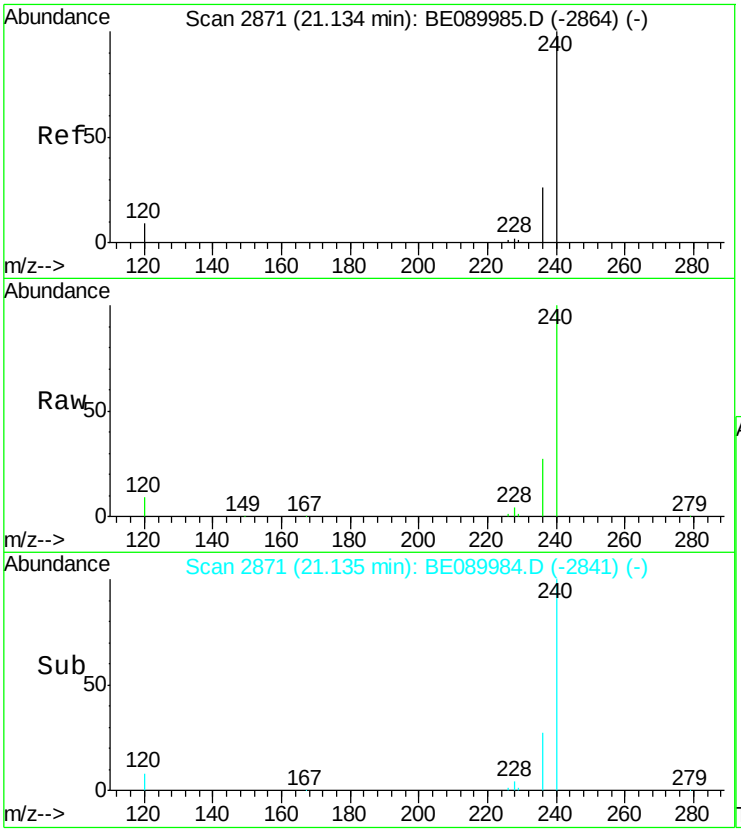


#24
Fluoranthene
Concen: 1.92 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:202 Resp: 94558

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
203	17.3	13.8	20.6



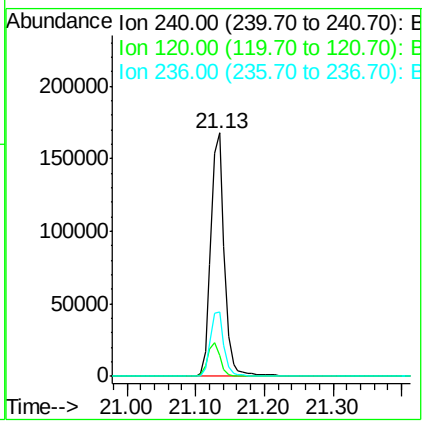


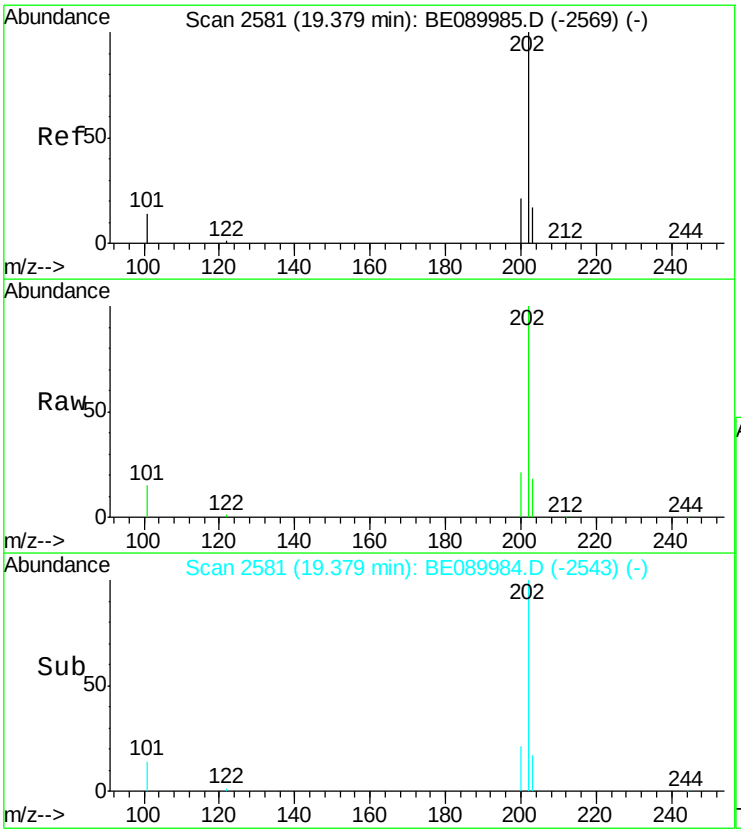
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 229780

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.5	20.8	31.2

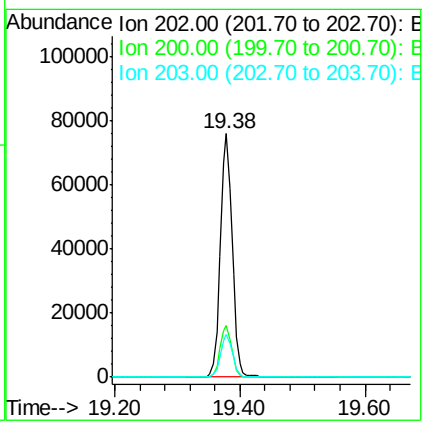


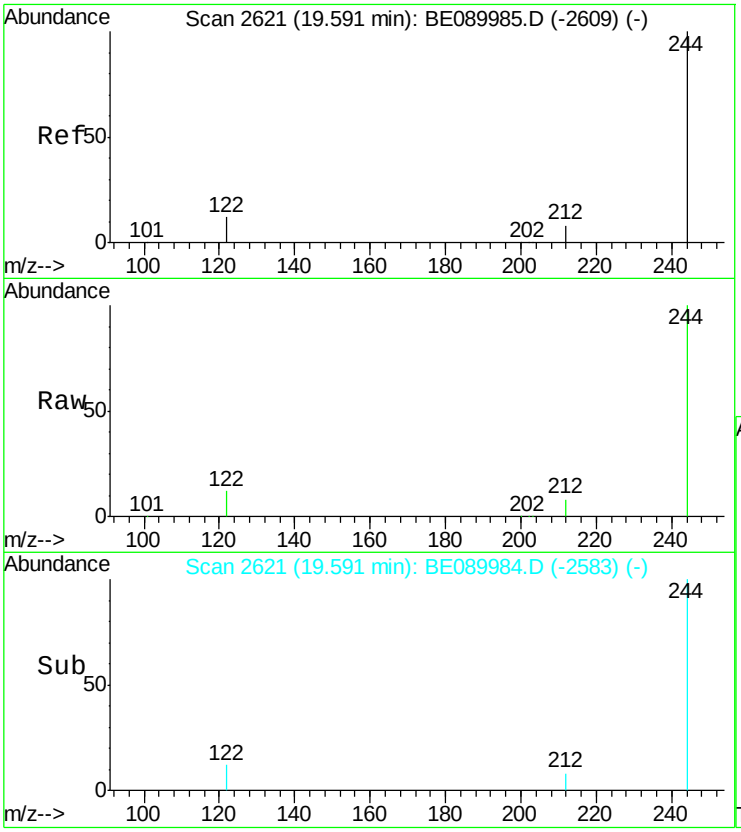


#26
Pyrene
Concen: 1.70 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:202 Resp: 98795

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	13.9	20.9



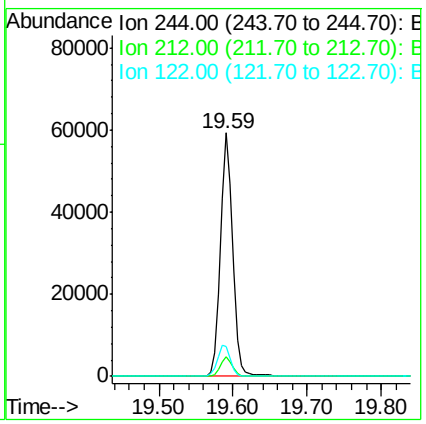


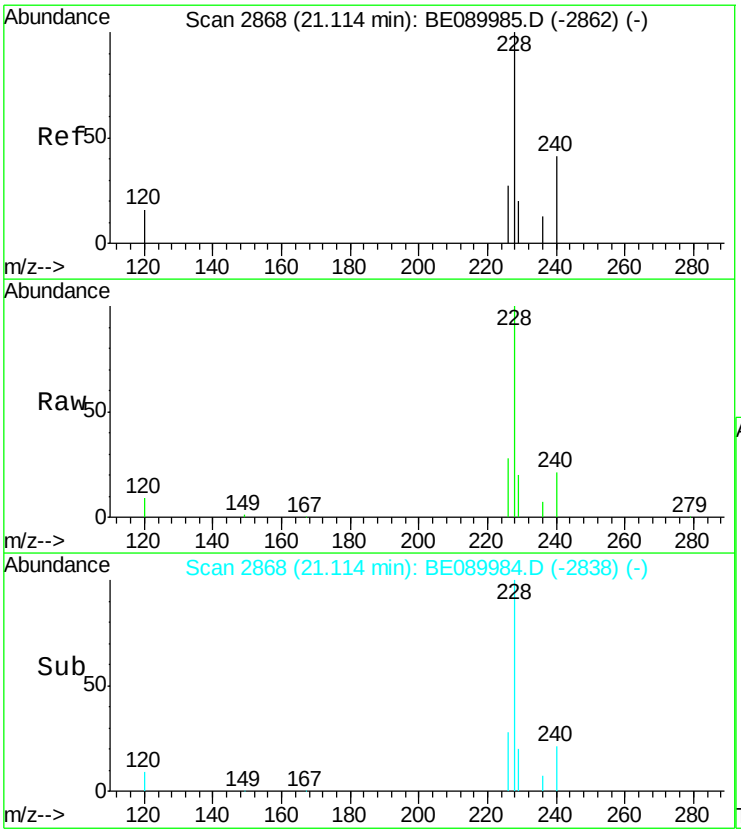
#27
Terphenyl-d14
Concen: 1.74 ng
RT: 19.59 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 69446

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.1	9.8	14.8

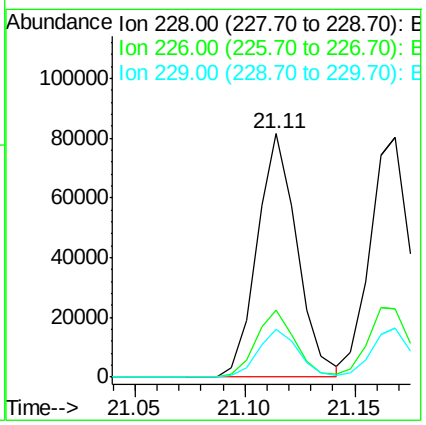


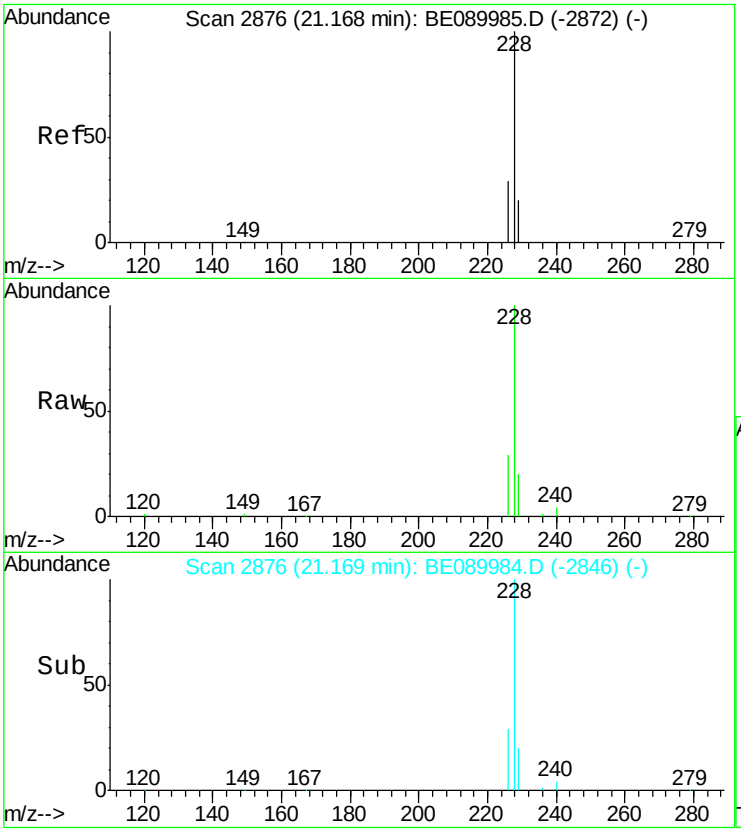


#28
Benzo(a)anthracene
Concen: 1.84 ng
RT: 21.11 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:228 Resp: 102360

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.9	15.8	23.6



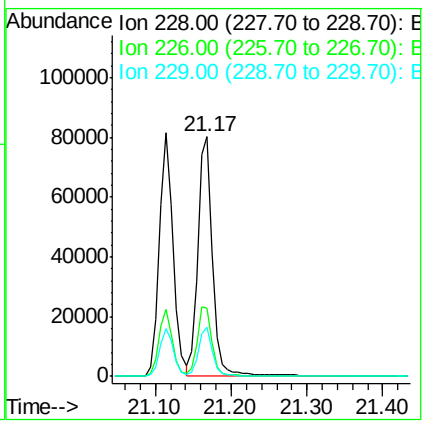


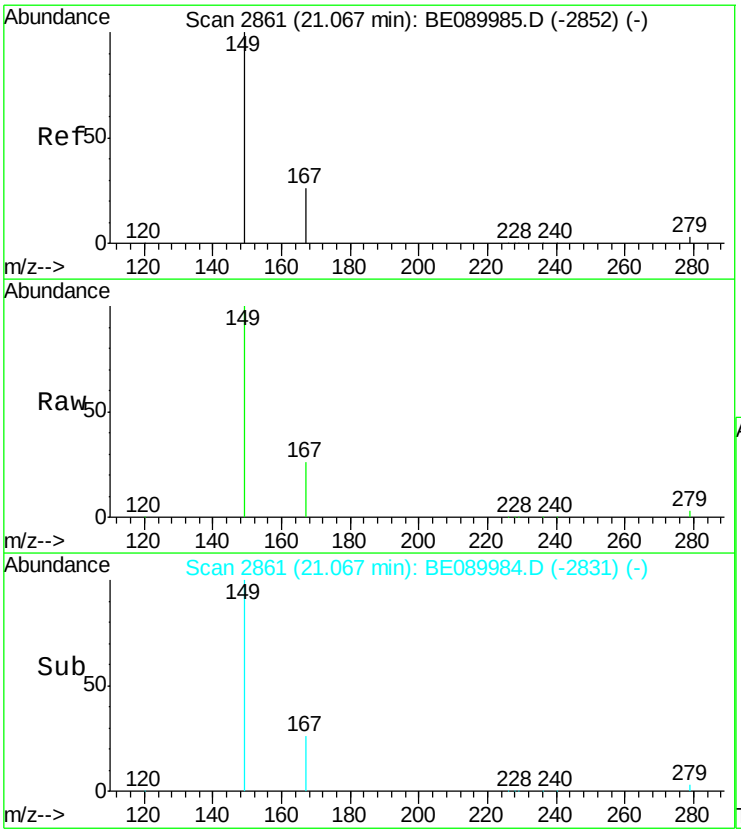
#29
Chrysene
Concen: 1.76 ng
RT: 21.17 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 106600

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	20.4	16.2	24.2

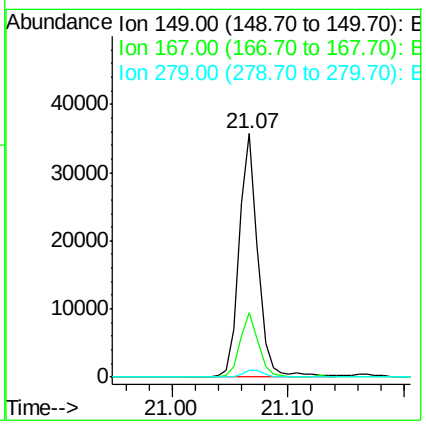


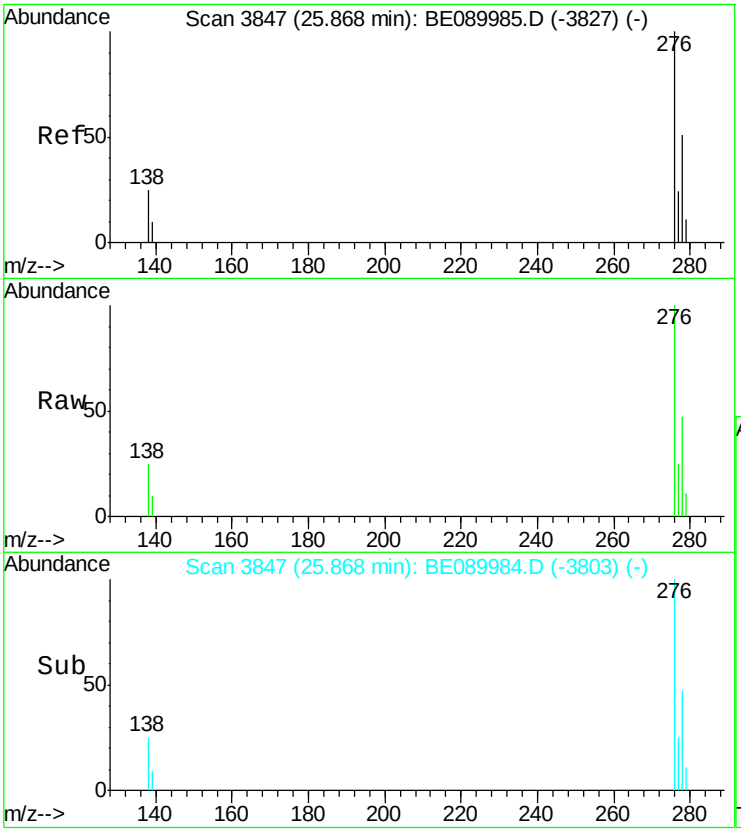


#30
Bis(2-ethylhexyl)phthalate
Concen: 5.74 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:149 Resp: 39142

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.3	30.5
279	3.0	2.6	3.8



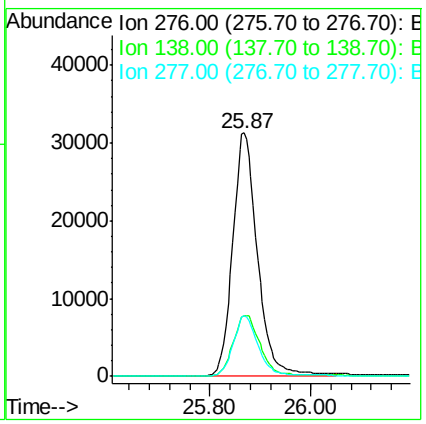


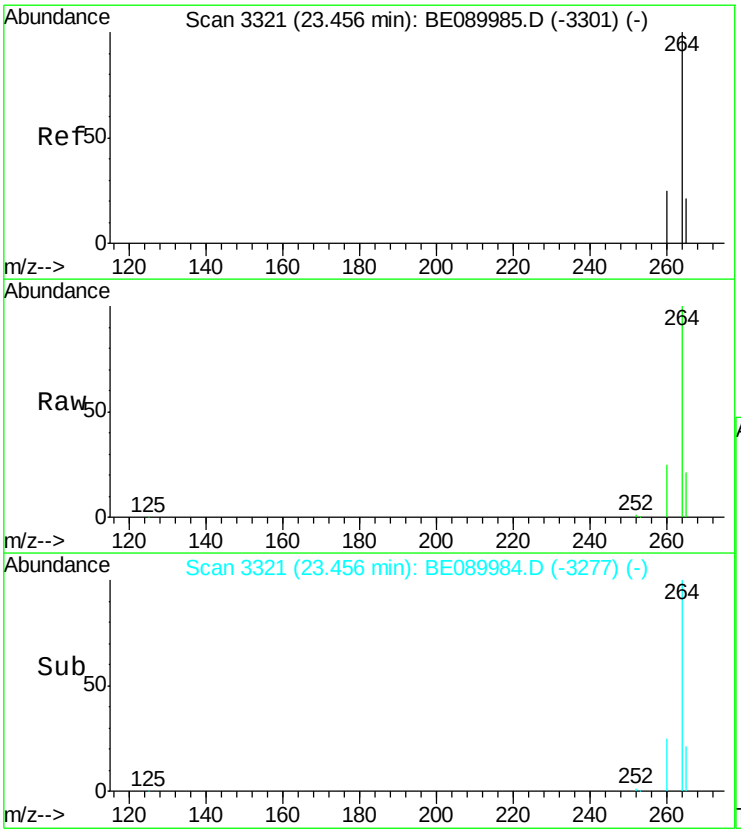
#31
Indeno(1,2,3-cd)pyrene
Concen: 2.34 ng
RT: 25.87 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 107540

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.3	31.9
277	24.9	19.7	29.5

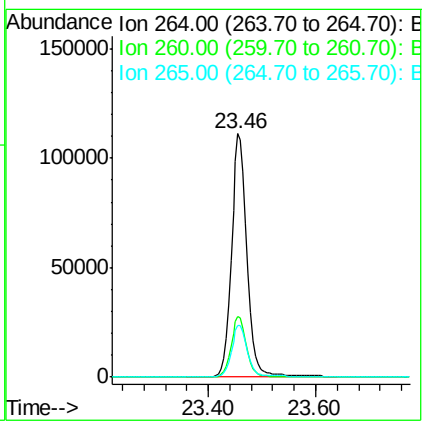


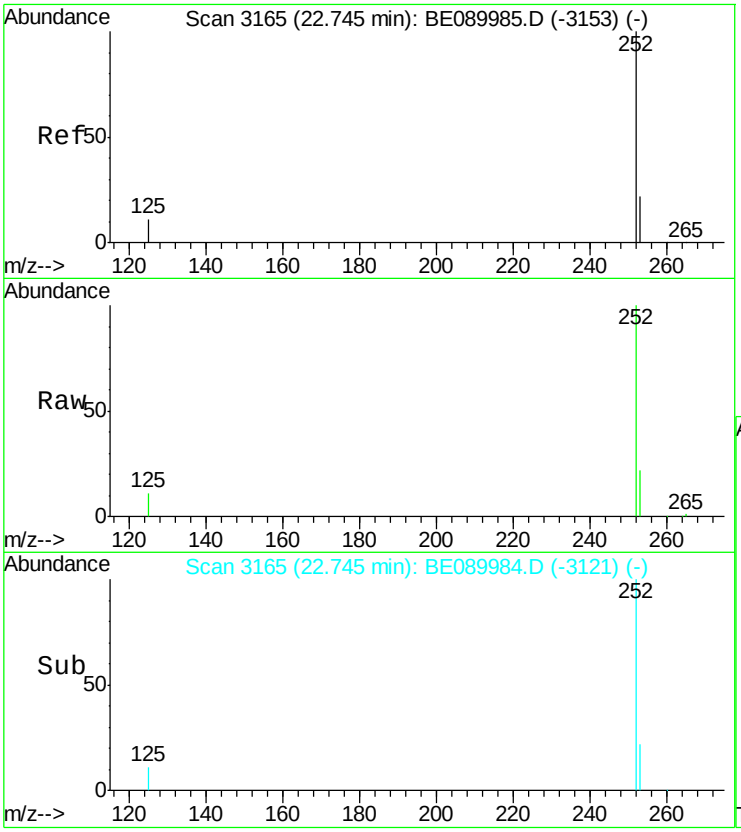


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:264 Resp: 223505

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	21.4	17.1	25.7



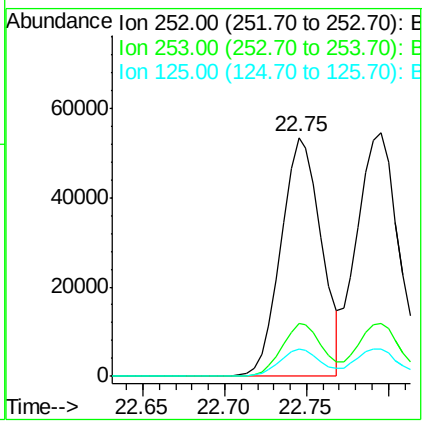


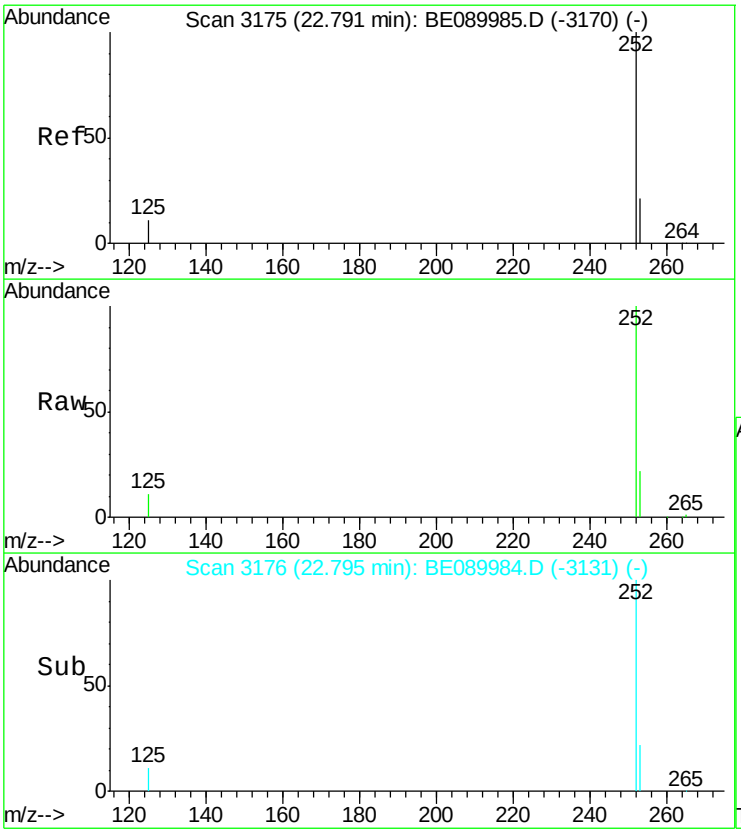
#33
Benzo(b)fluoranthene
Concen: 1.91 ng
RT: 22.75 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 91224

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.3	9.0	13.4

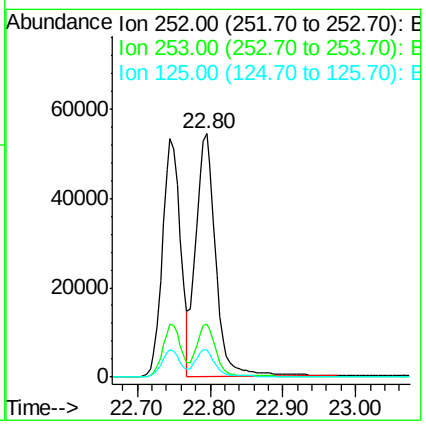


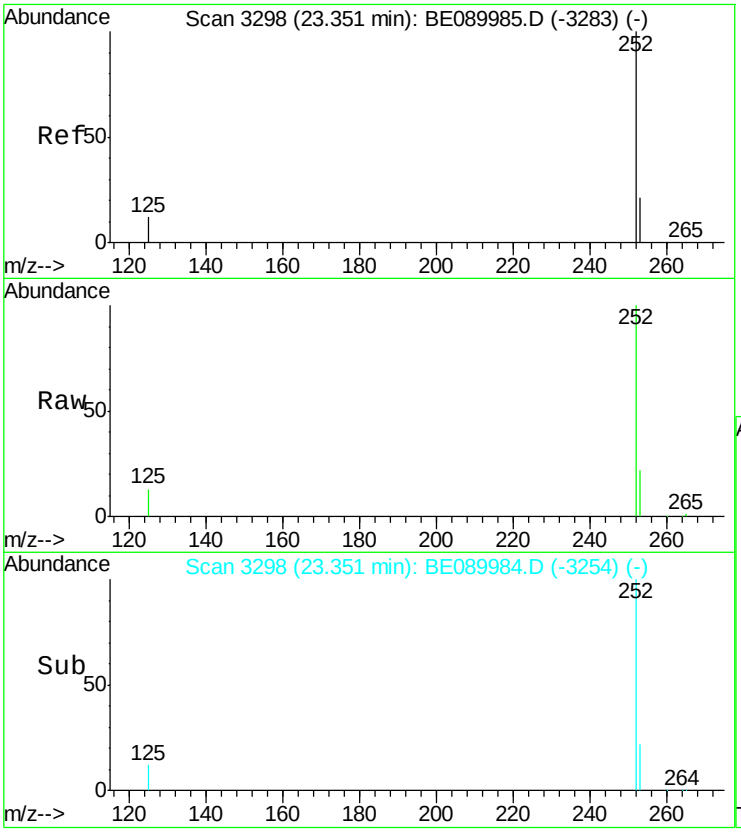


#34
Benzo(k)fluoranthene
Concen: 1.88 ng
RT: 22.80 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:252 Resp: 101784

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.3	9.5	14.3



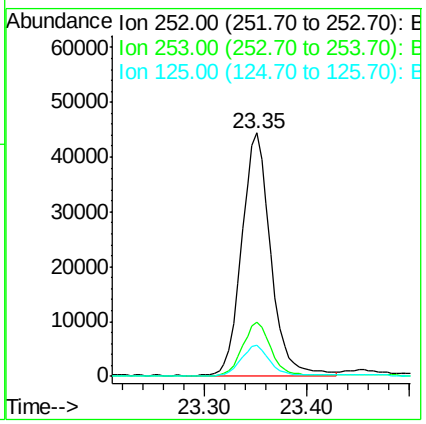


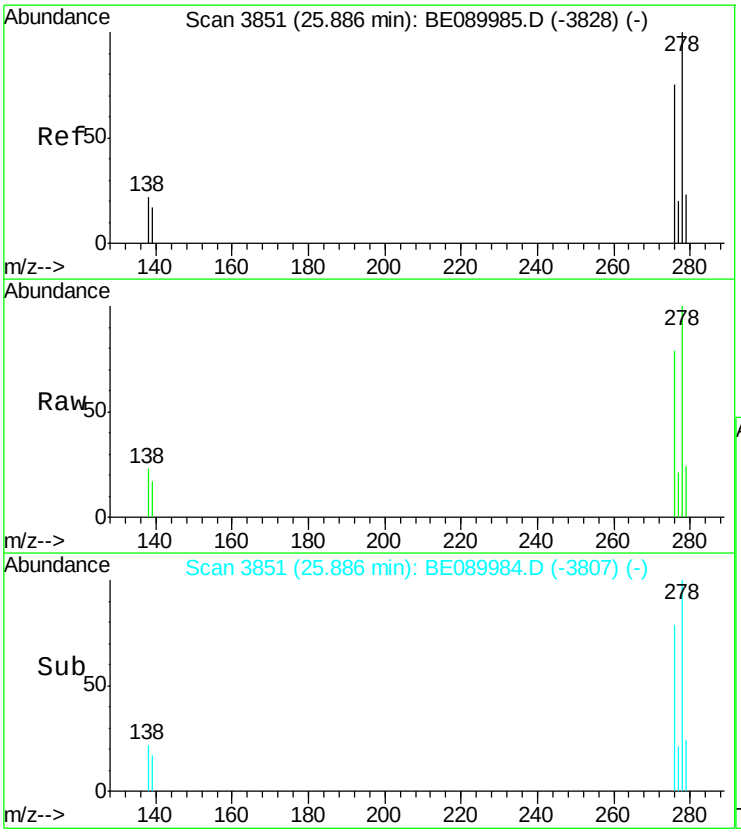
#35
Benzo(a)pyrene
Concen: 2.02 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 86310

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	12.7	10.5	15.7

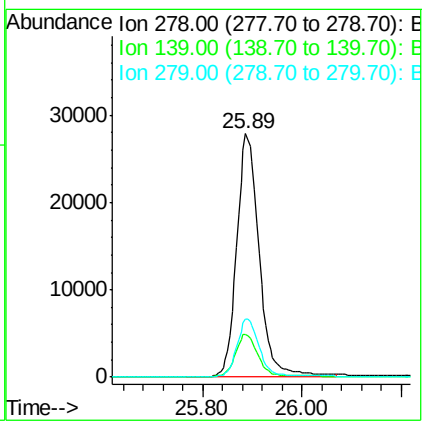


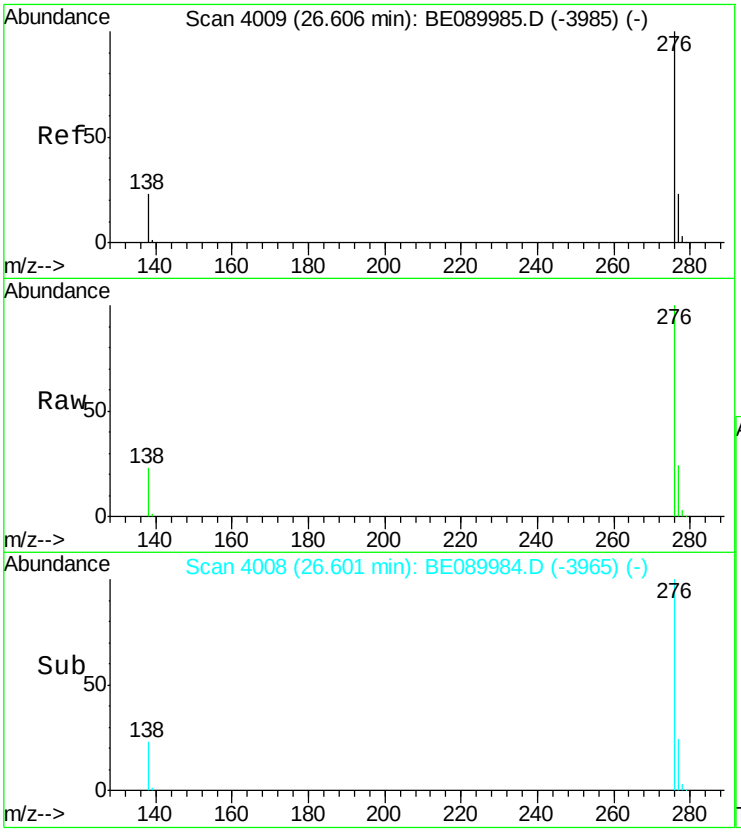


#36
Dibenzo(a,h)anthracene
Concen: 2.18 ng
RT: 25.89 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Tgt Ion:278 Resp: 87783

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.4	21.6
279	23.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 2.05 ng
RT: 26.60 min Scan# 4008
Delta R.T. -0.00 min
Lab File: BE089984.D
Acq: 29 Jun 2015 15:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 88004

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	23.5	18.6	27.8