Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089995.D
Acq On : 29 Jun 2015 22:43
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jun 30 07:03:48 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 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	18452	5.00	ng		0.00
6) Naphthalene-d8	10.38	136	77244	5.00	ng		0.00
12) Acenaphthene-d10	14.23	164	45593	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	112365	5.00	ng		0.00
25) Chrysene-d12	21.13	240	142268	5.00	ng		0.00
32) Perylene-d12	23.46	264	133254	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3408	0.80	ng		0.00
5) Phenol-d6	6.80	99	4857	0.82	ng		0.00
7) Nitrobenzene-d5	8.76	82	5385	0.88	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	835	0.62	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	13436	0.98	ng		0.00
27) Terphenyl-d14	19.59	244	22709	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	2565	1.01	ng		94
3) n-Nitrosodimethylamine	3.53	42	3137	0.91	ng	#	93
8) Nitrobenzene	8.80	77	5779	0.89	ng		98
9) Naphthalene	10.43	128	16789	0.96	ng		99
10) Hexachlorobutadiene	10.72	225	2785	1.01	ng		99
11) 2-Methylnaphthalene	12.04	142	11106	0.95	ng		99
15) Acenaphthylene	13.95	152	77947	0.95	ng		100
16) Acenaphthene	14.29	154	11510	0.97	ng		97
17) Fluorene	15.29	166	15368	0.95	ng		99
19) 4-Bromophenyl-phenylether	16.18	248	4656	0.97	ng		99
20) Hexachlorobenzene	16.30	284	19458	0.98	ng		99
21) Pentachlorophenol	16.63	266	1076	0.67	ng		93
22) Phenanthrene	17.01	178	28086	0.98	ng		100
23) Anthracene	17.10	178	24744	0.94	ng		99
24) Fluoranthene	19.01	202	30924	0.96	ng		100
26) Pyrene	19.38	202	32168	0.95	ng		100
28) Benzo(a)anthracene	21.11	228	33200	0.93	ng		100
29) Chrysene	21.16	228	35973	0.98	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	5339	0.61	ng		100
31) Indeno(1,2,3-cd)pyrene	25.87	276	30928	0.87	ng		100
33) Benzo(b)fluoranthene	22.75	252	27957	0.95	ng		99
34) Benzo(k)fluoranthene	22.79	252	32313	0.98	ng		99
35) Benzo(a)pyrene	23.35	252	25081	0.92	ng		99
36) Dibenzo(a,h)anthracene	25.89	278	25169	0.90	ng		99
37) Benzo(g,h,i)perylene	26.61	276	25464	0.90	ng		100

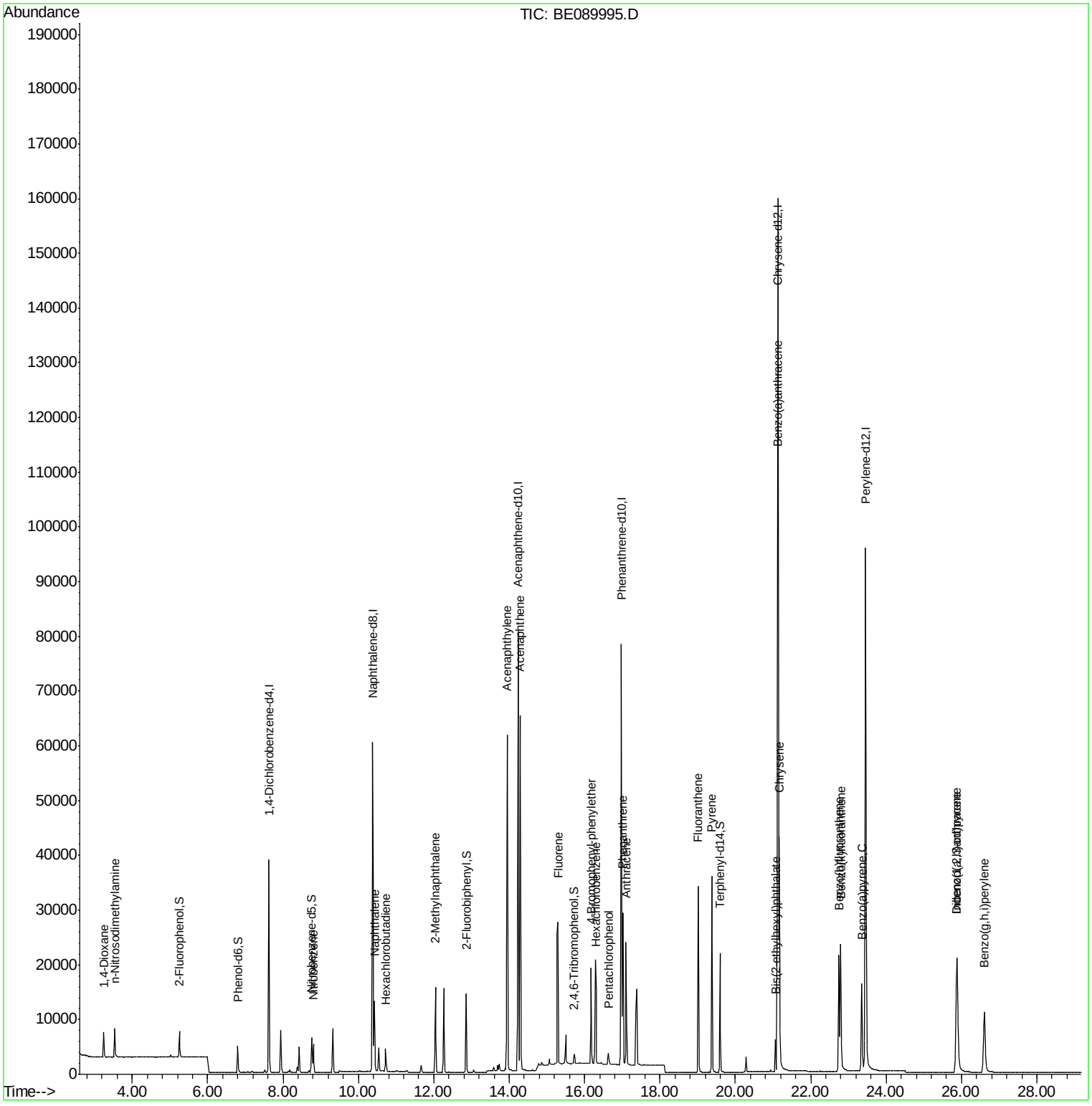
(#) = qualifier out of range (m) = manual integration (+) = signals summed

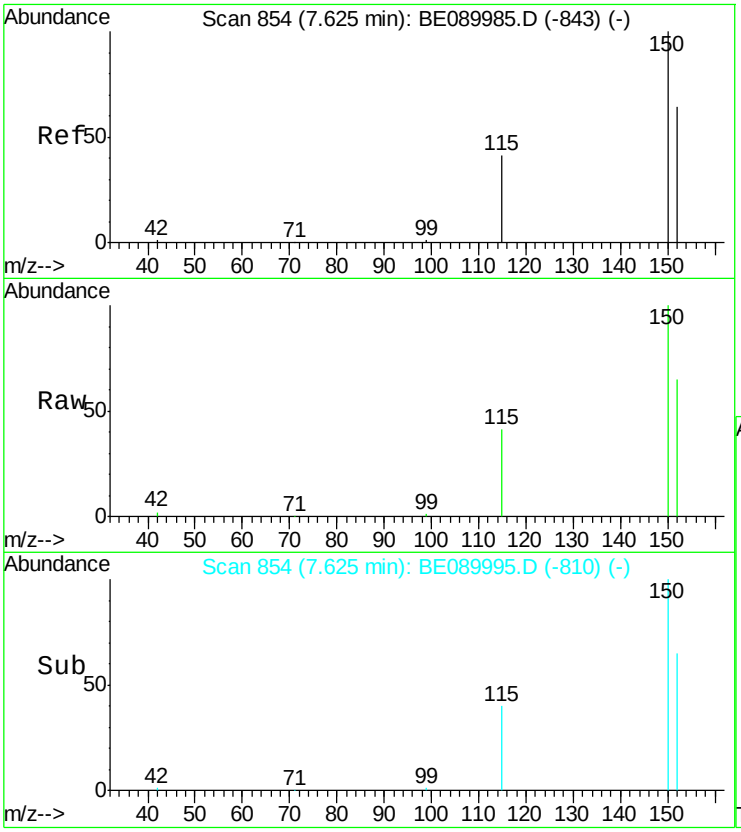
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089995.D
Acq On : 29 Jun 2015 22:43
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jun 30 07:03:48 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 07:01:01 2015
Response via : Initial Calibration



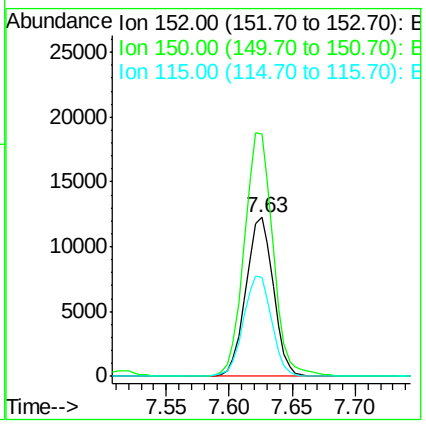


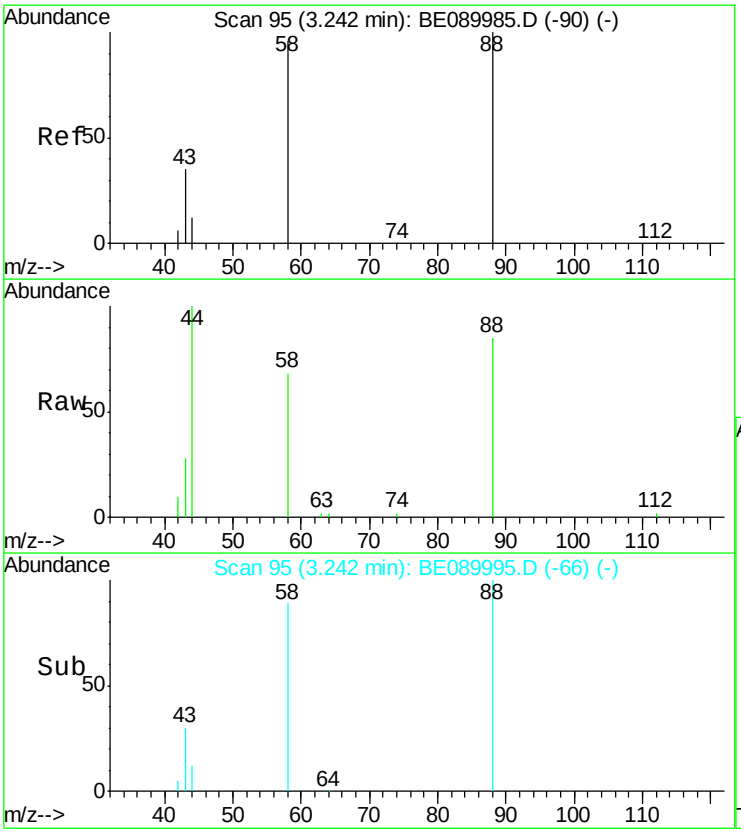
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 854
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 18452

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.9	185.9
115	62.1	50.6	76.0

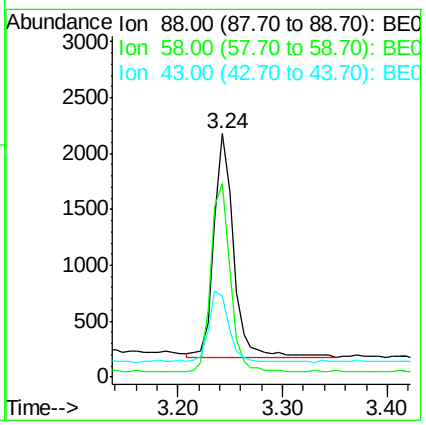


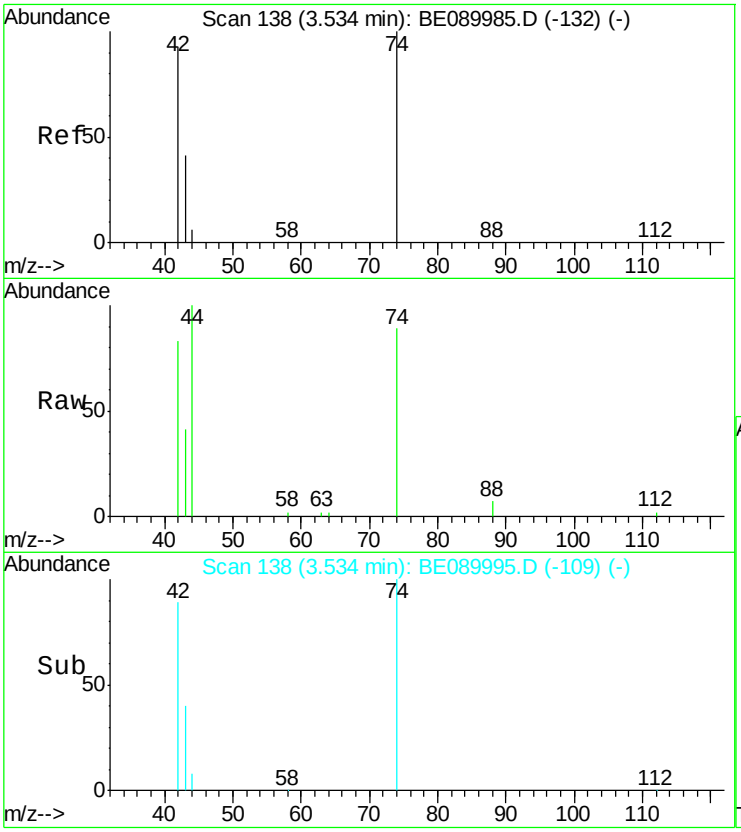


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.24 min Scan# 95
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion: 88 Resp: 2565

Ion	Ratio	Lower	Upper
88	100		
58	82.3	70.9	106.3
43	31.9	27.6	41.4



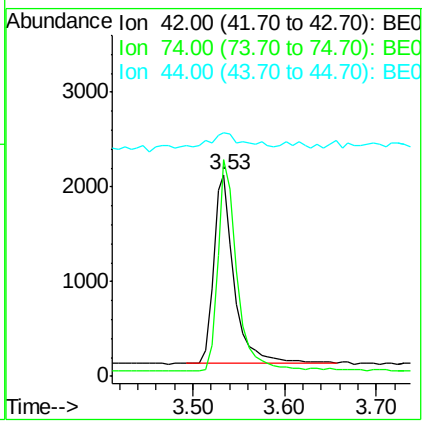


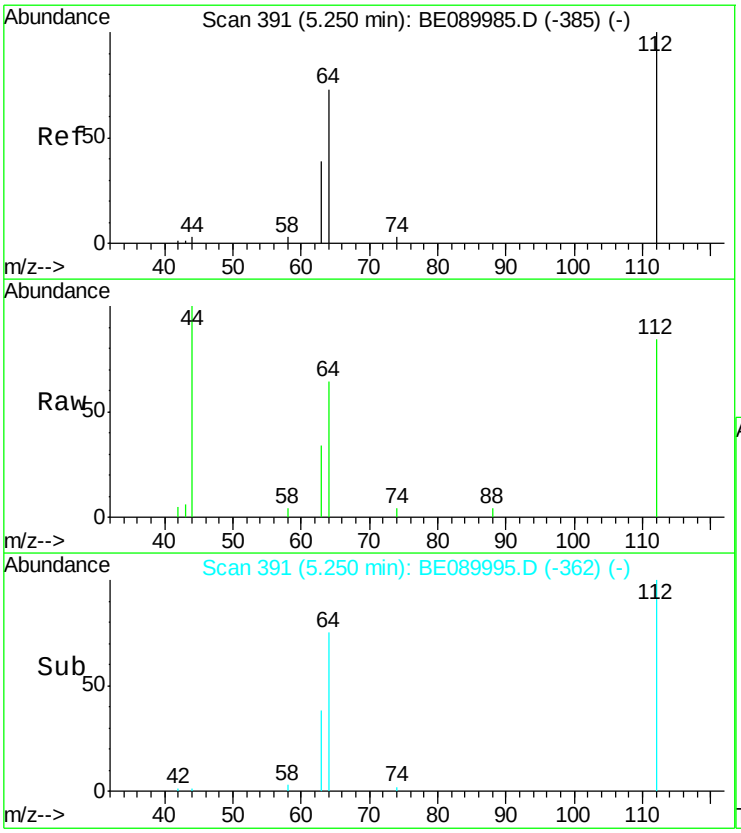
#3
n-Nitrosodimethylamine
Concen: 0.91 ng
RT: 3.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 3137

Ion	Ratio	Lower	Upper
42	100		
74	104.6	89.4	134.2
44	12.8	6.9	10.3#

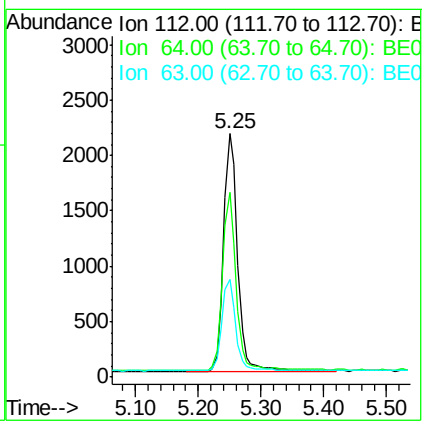


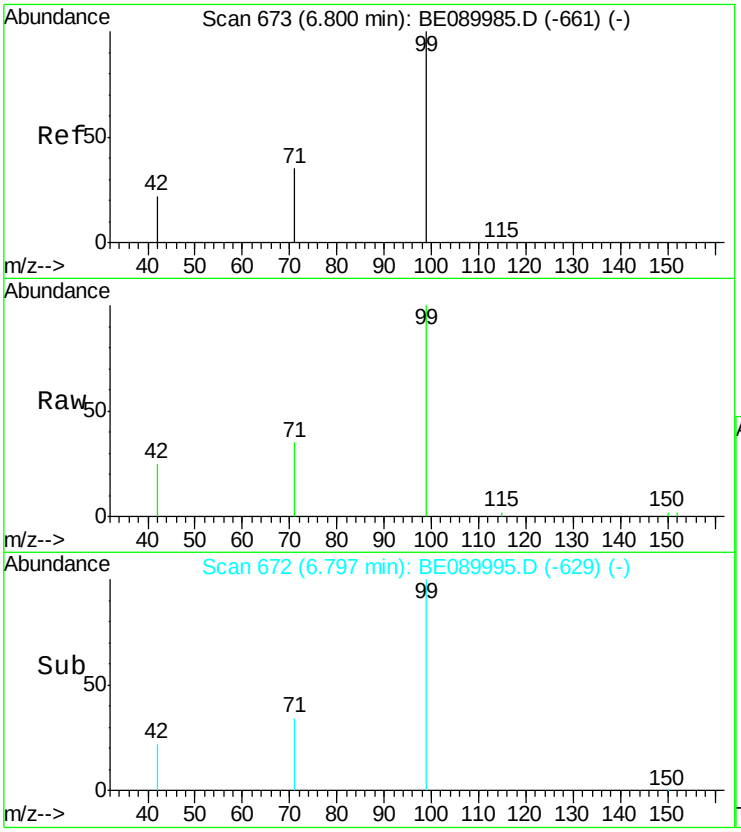


#4
2-Fluorophenol
Concen: 0.80 ng
RT: 5.25 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:112 Resp: 3408

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.3	84.5
63	36.8	29.8	44.6



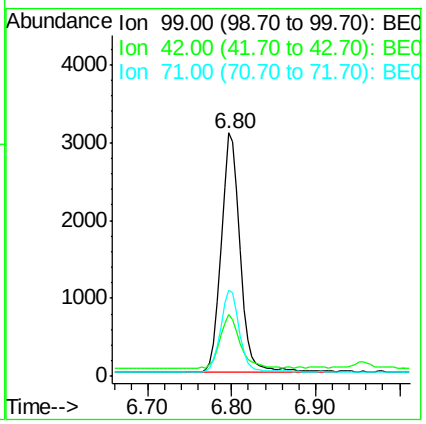


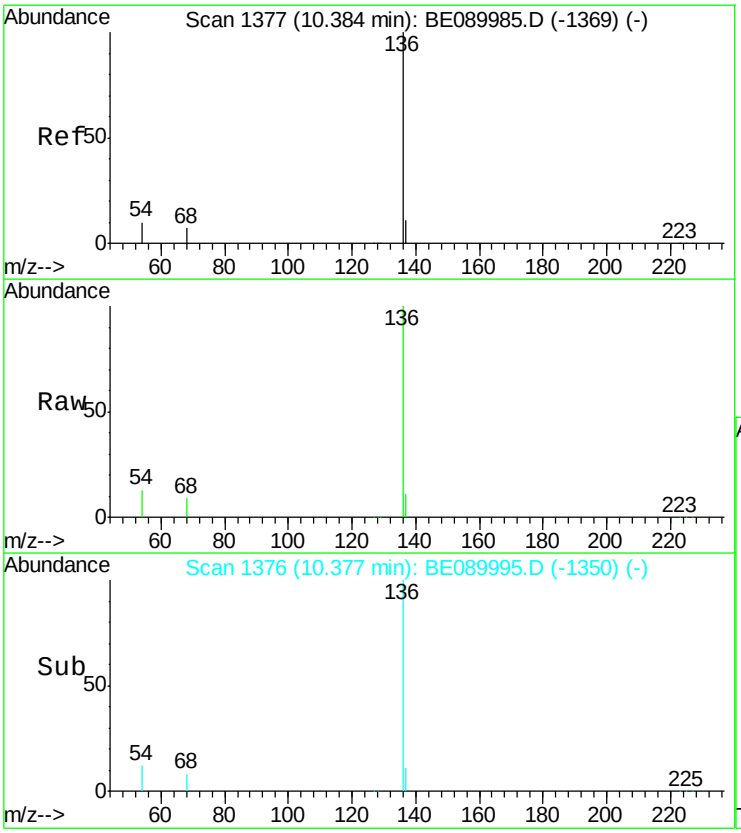
#5
Phenol-d6
Concen: 0.82 ng
RT: 6.80 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 4857

Ion	Ratio	Lower	Upper
99	100		
42	23.5	18.7	28.1
71	34.0	27.5	41.3

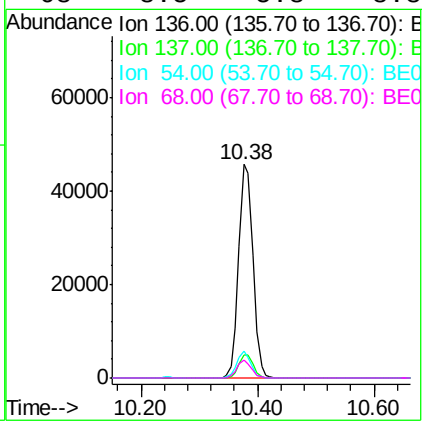


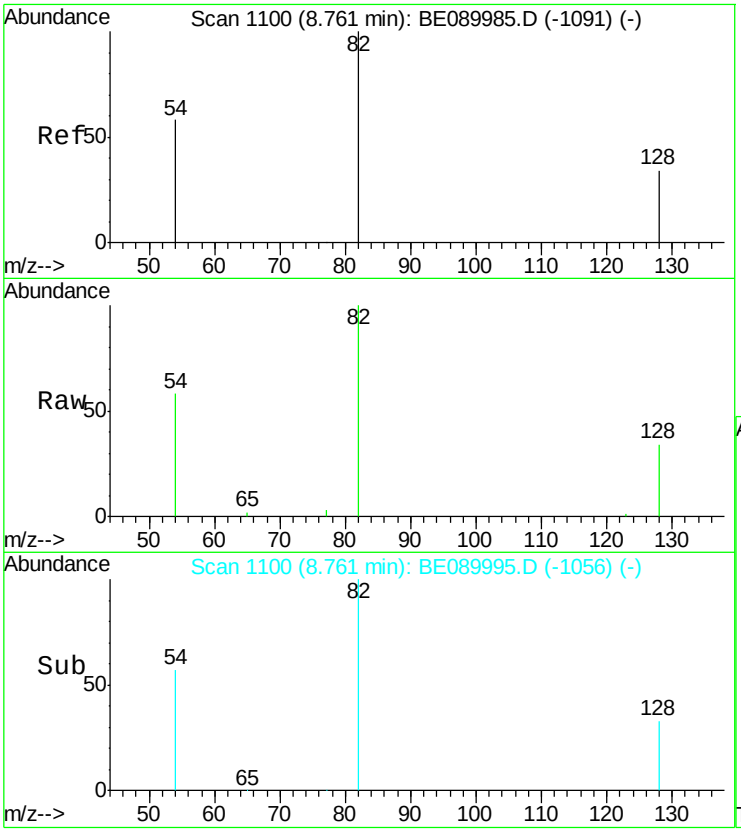


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:136 Resp: 77244

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	12.5	8.2	12.4#
68	8.5	5.8	8.8



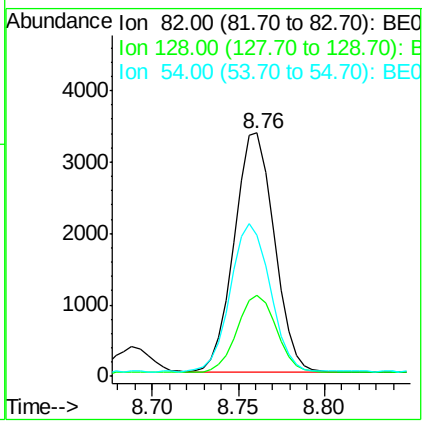


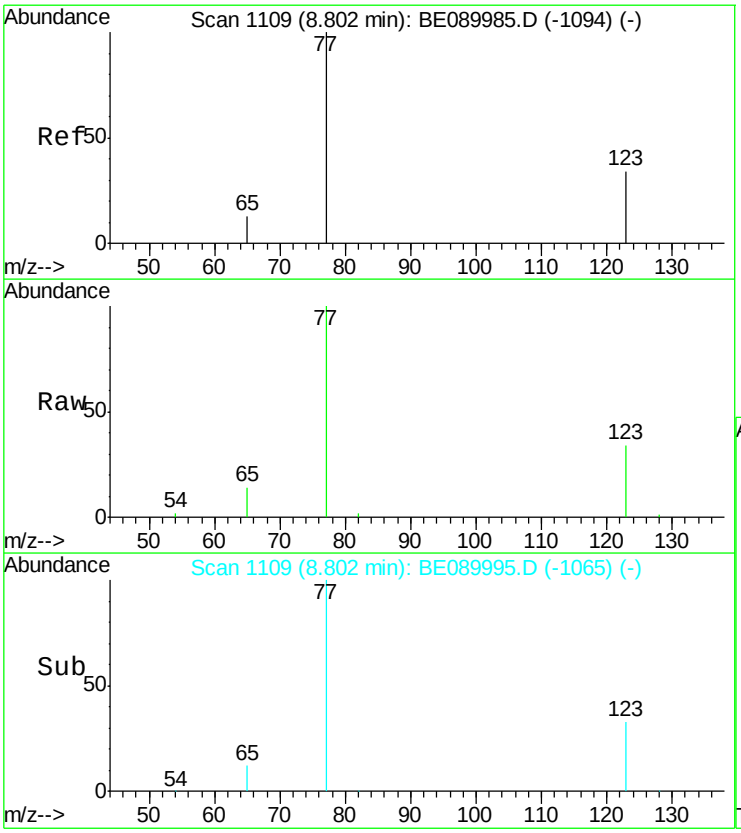
#7
Nitrobenzene-d5
Concen: 0.88 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 5385

Ion	Ratio	Lower	Upper
82	100		
128	33.5	28.0	42.0
54	58.0	47.6	71.4

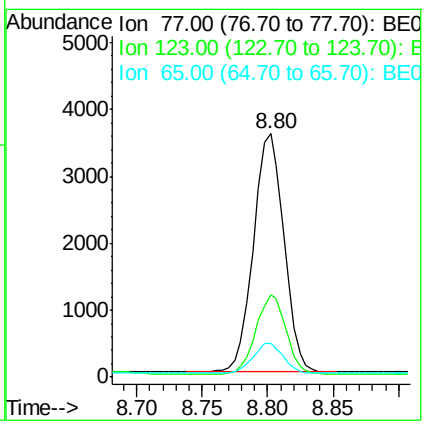


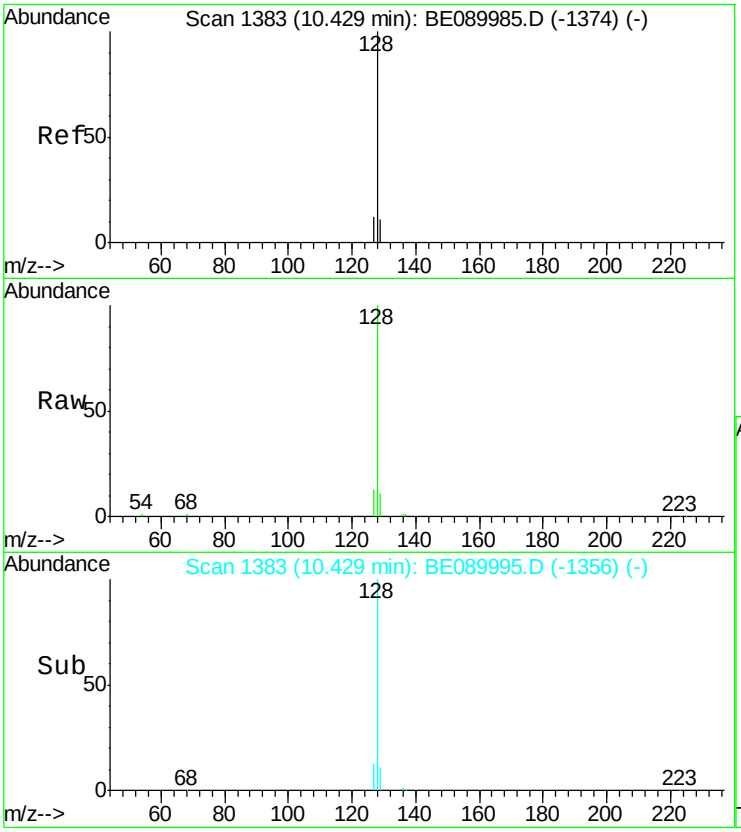


#8
Nitrobenzene
Concen: 0.89 ng
RT: 8.80 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion: 77 Resp: 5779

Ion	Ratio	Lower	Upper
77	100		
123	32.7	27.4	41.0
65	12.6	10.6	15.8



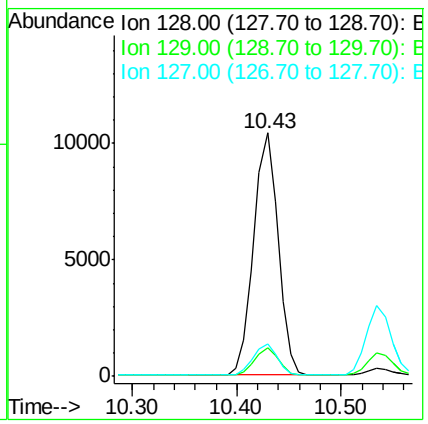


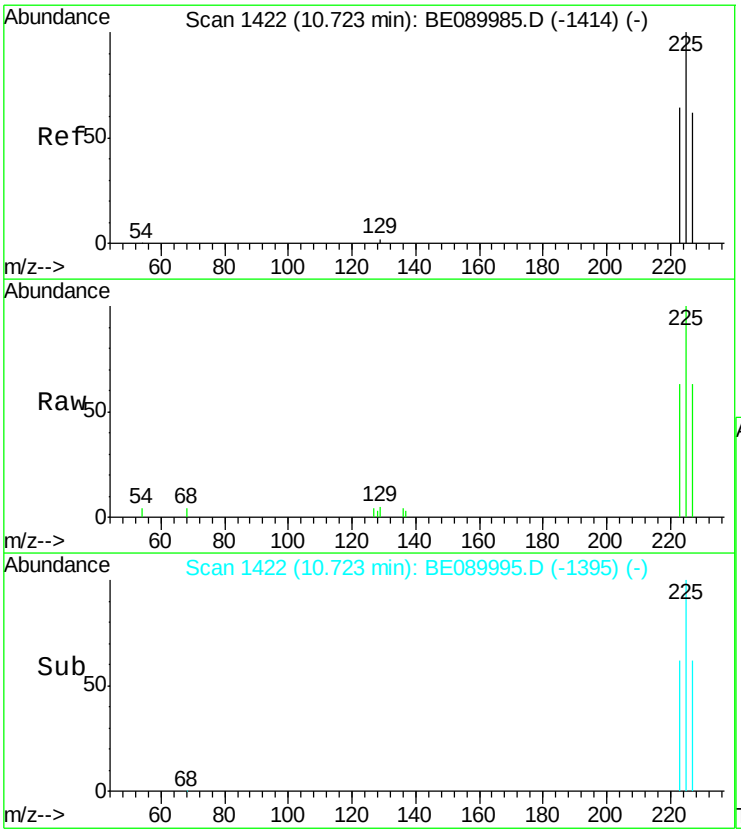
#9
Naphthalene
Concen: 0.96 ng
RT: 10.43 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 16789

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.1	10.2	15.4

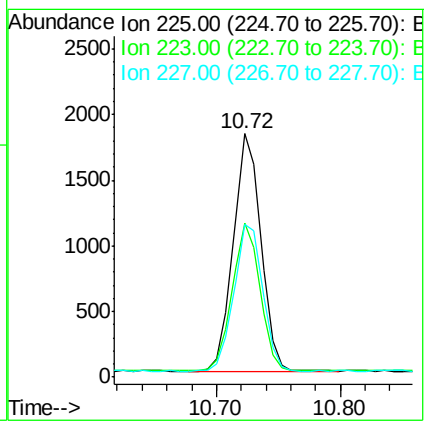


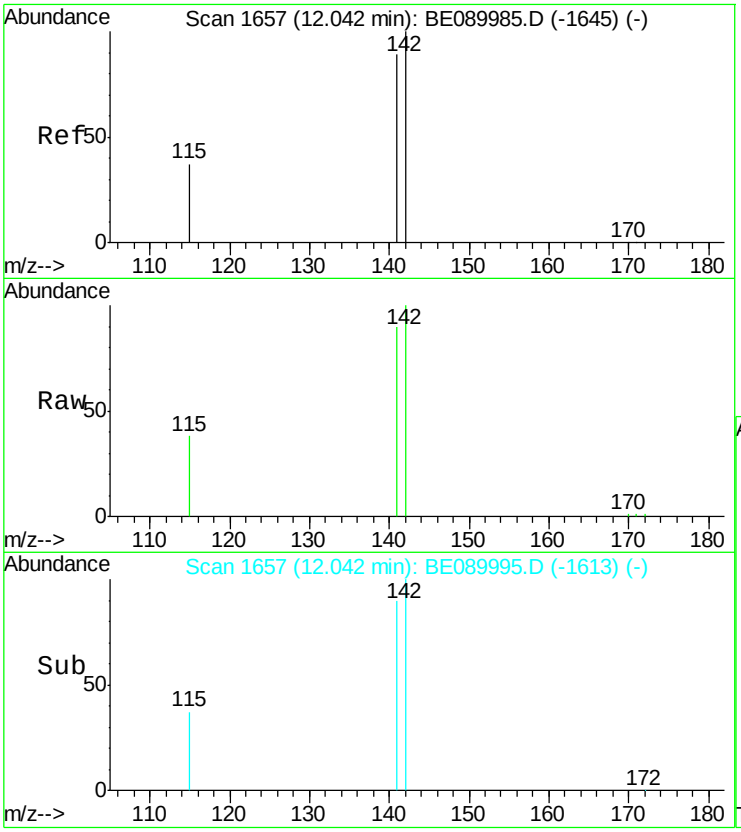


#10
Hexachlorobutadiene
Concen: 1.01 ng
RT: 10.72 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:225 Resp: 2785

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	64.2	50.9	76.3



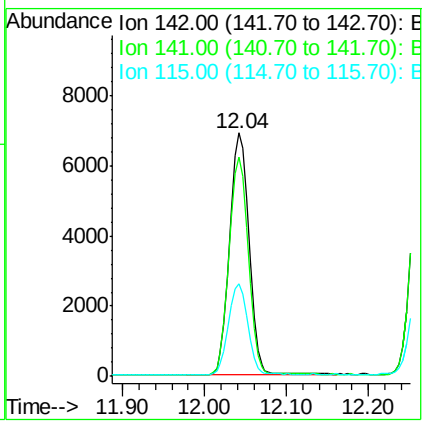


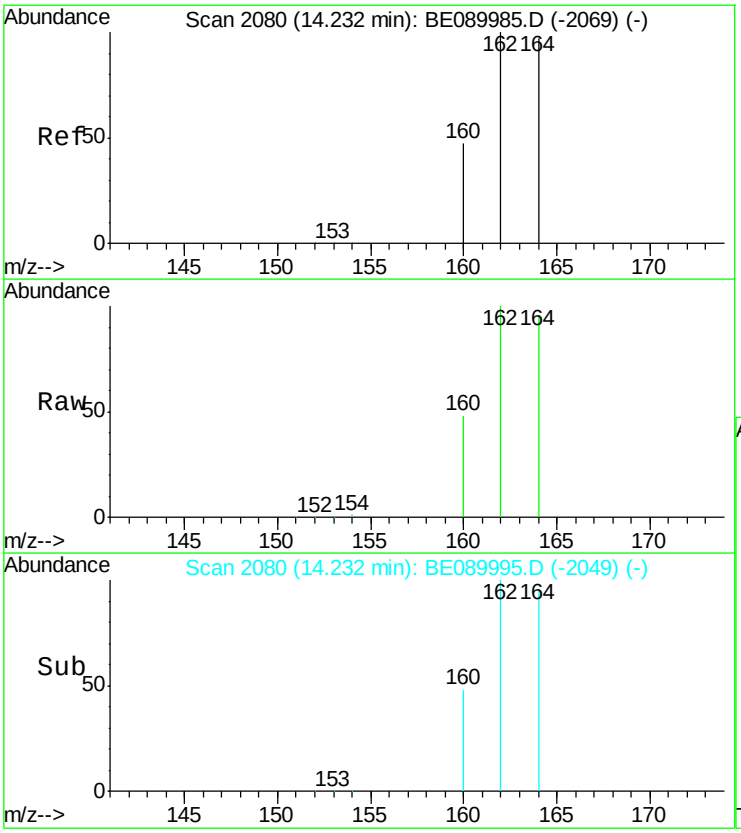
#11
2-Methylnaphthalene
Concen: 0.95 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 11106

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	38.0	30.4	45.6

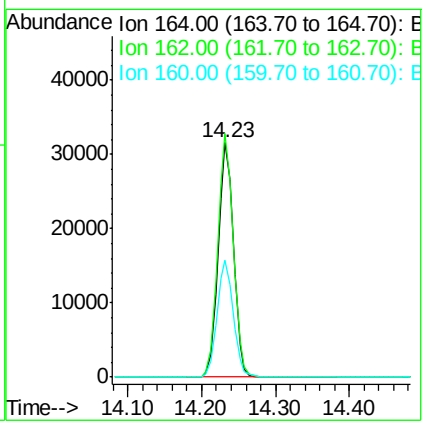


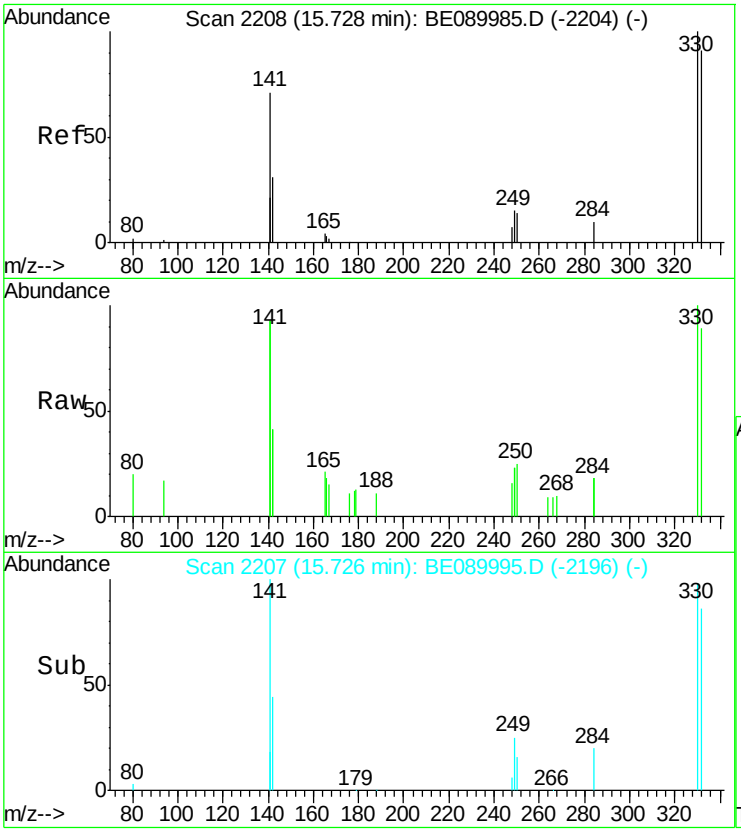


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:164 Resp: 45593

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	50.2	39.0	58.6



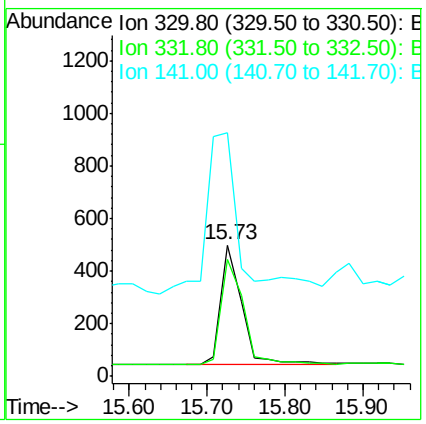


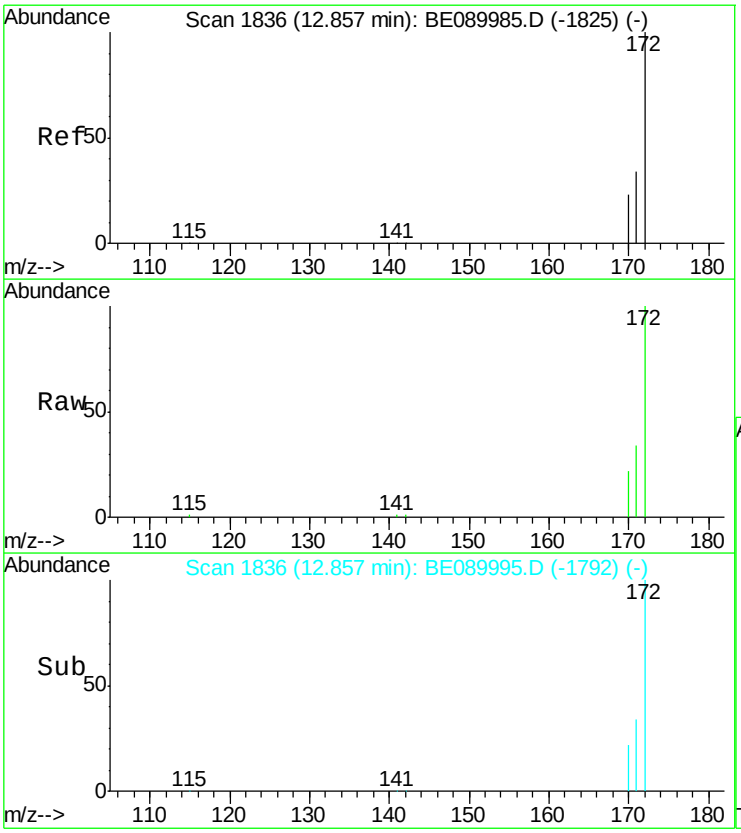
#13
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 835

Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.4	114.6
141	190.3	130.3	195.5

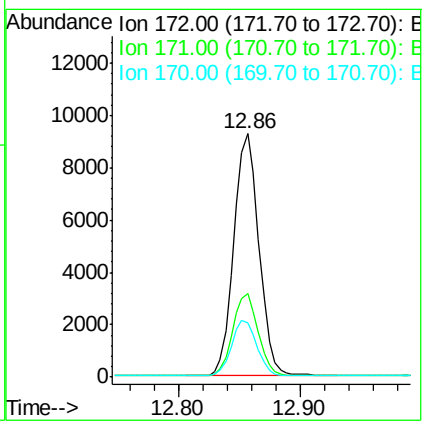


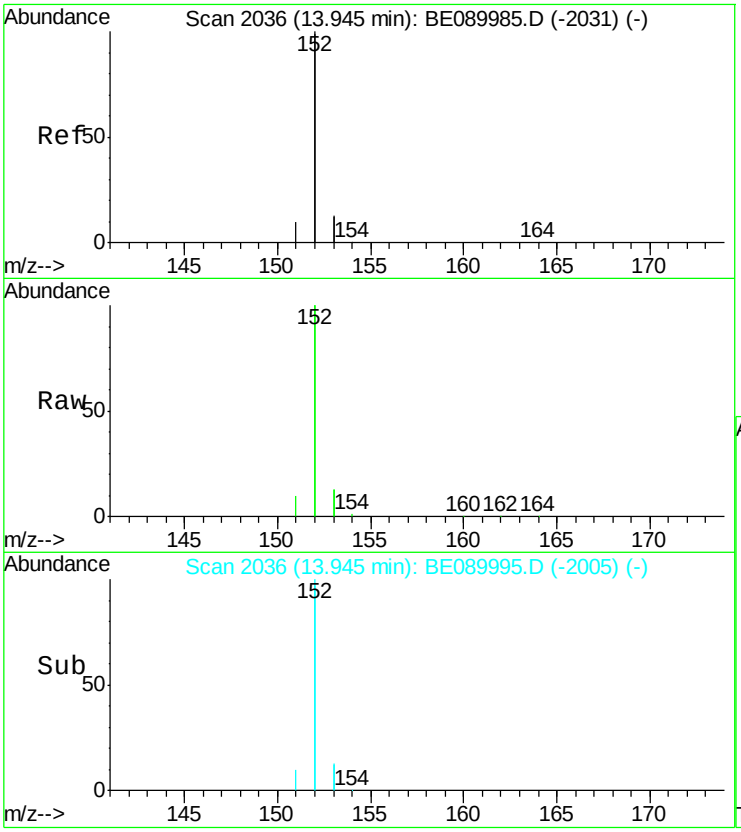


#14
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:172 Resp: 13436

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.6
170	22.2	18.3	27.5



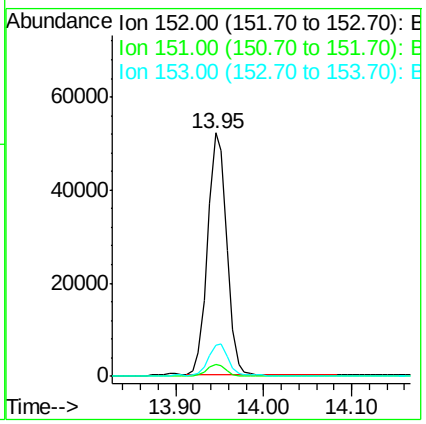


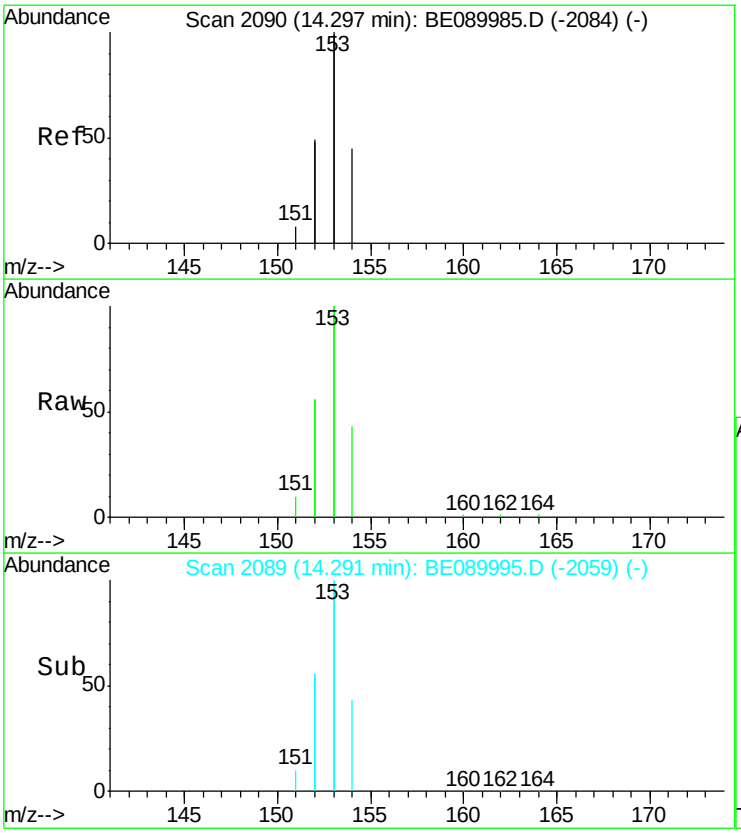
#15
Acenaphthylene
Concen: 0.95 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 77947

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

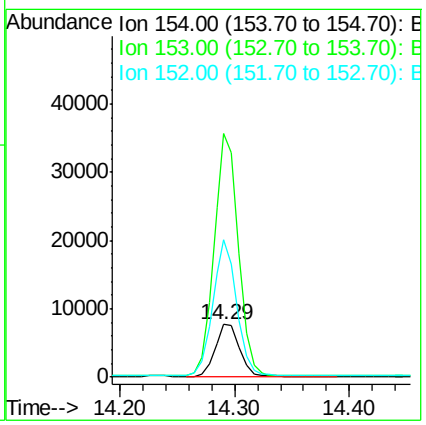


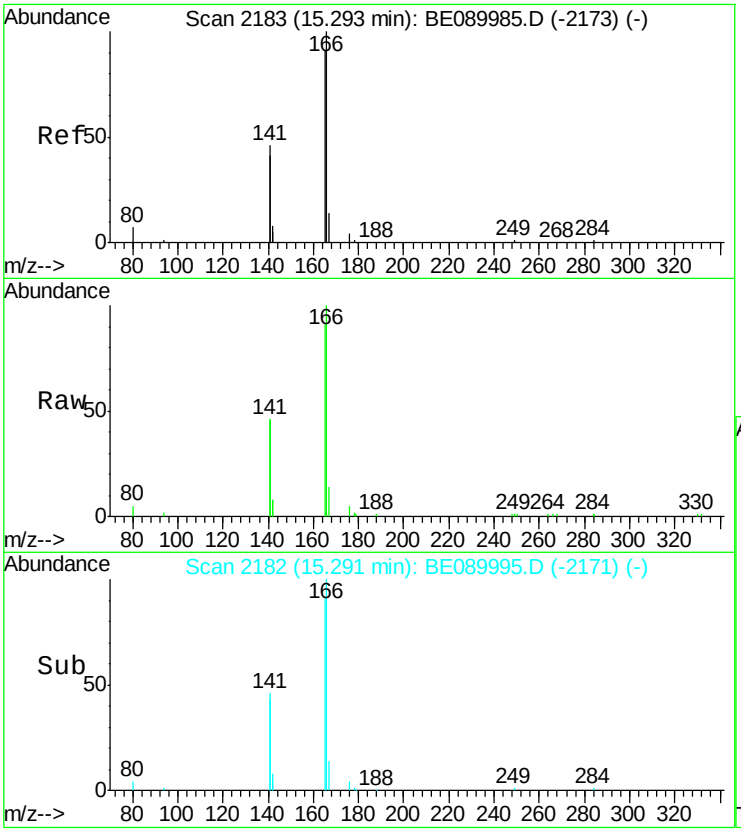


#16
Acenaphthene
Concen: 0.97 ng
RT: 14.29 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:154 Resp: 11510

Ion	Ratio	Lower	Upper
154	100		
153	451.8	358.6	538.0
152	248.5	189.6	284.4



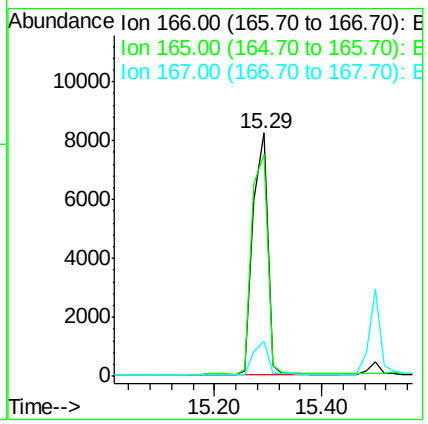


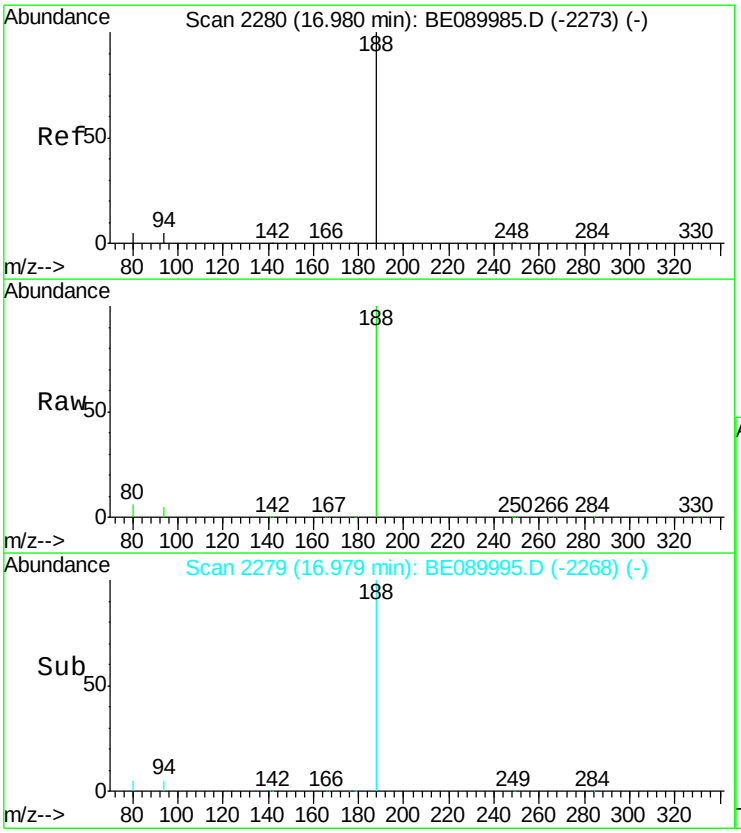
#17
Fluorene
Concen: 0.95 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 15368

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.0	118.6
167	14.4	11.8	17.8

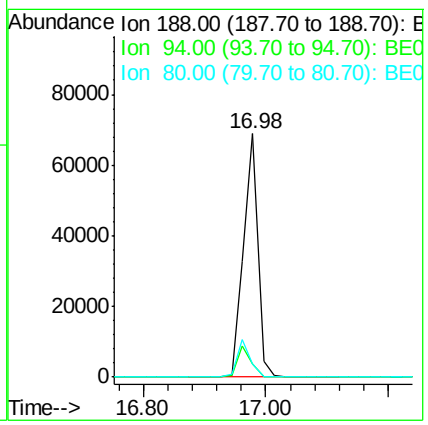


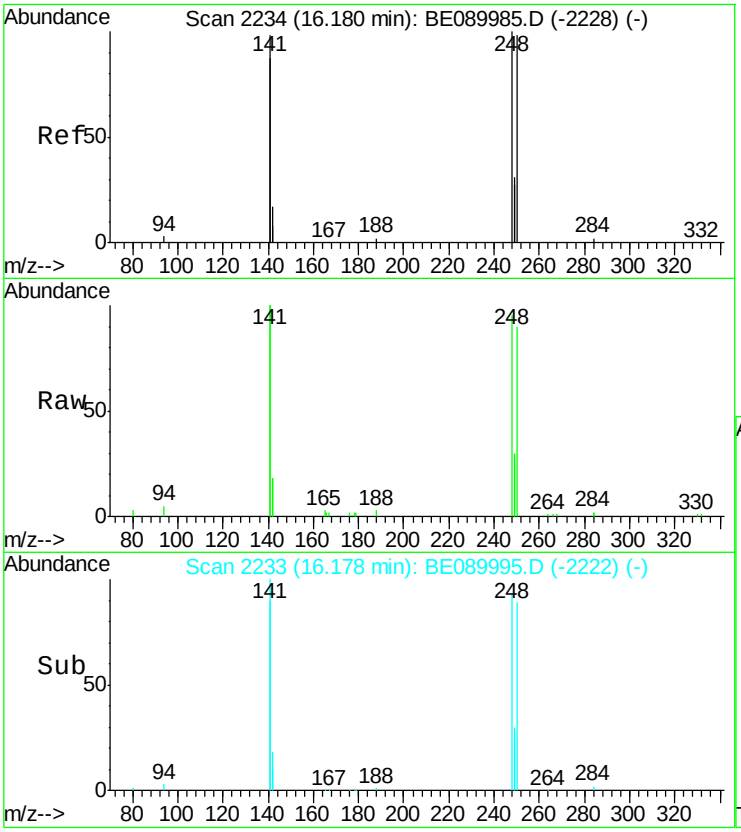


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:188 Resp: 112365

Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.1	6.1
80	5.6	4.2	6.2



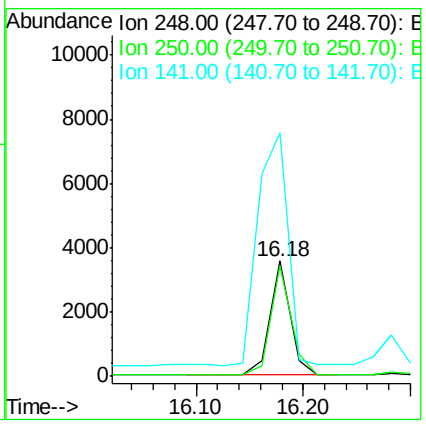


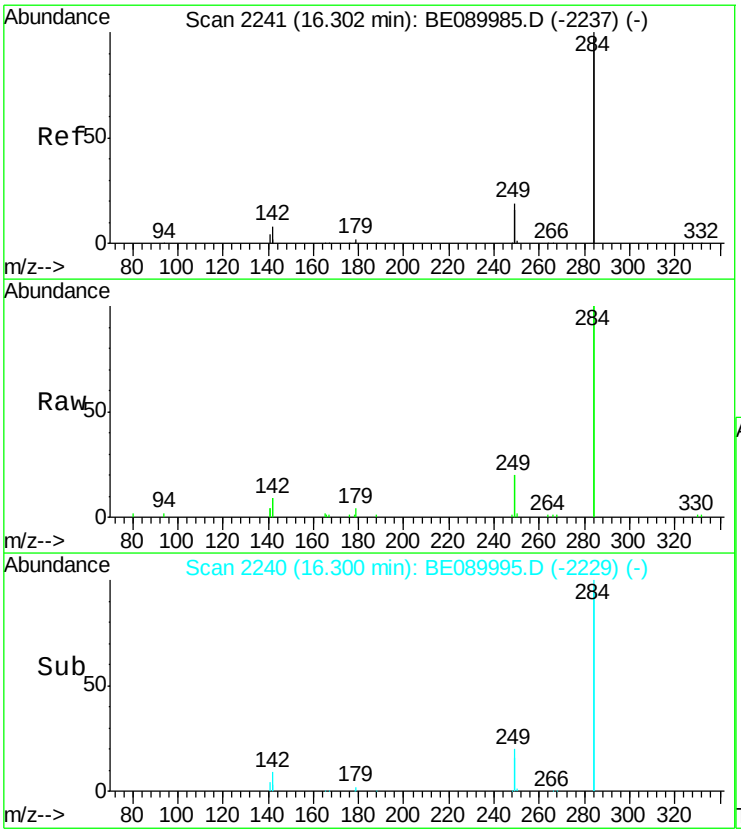
#19
4-Bromophenyl-phenylether
Concen: 0.97 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 4656

Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.3	117.5
141	308.0	248.1	372.1

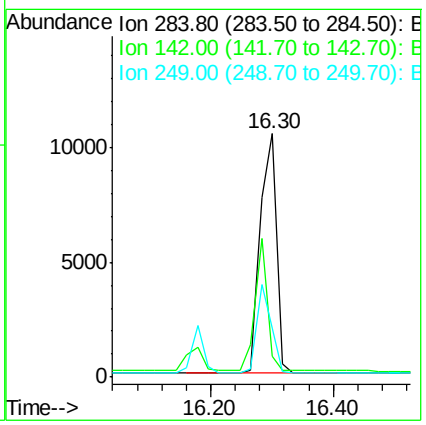


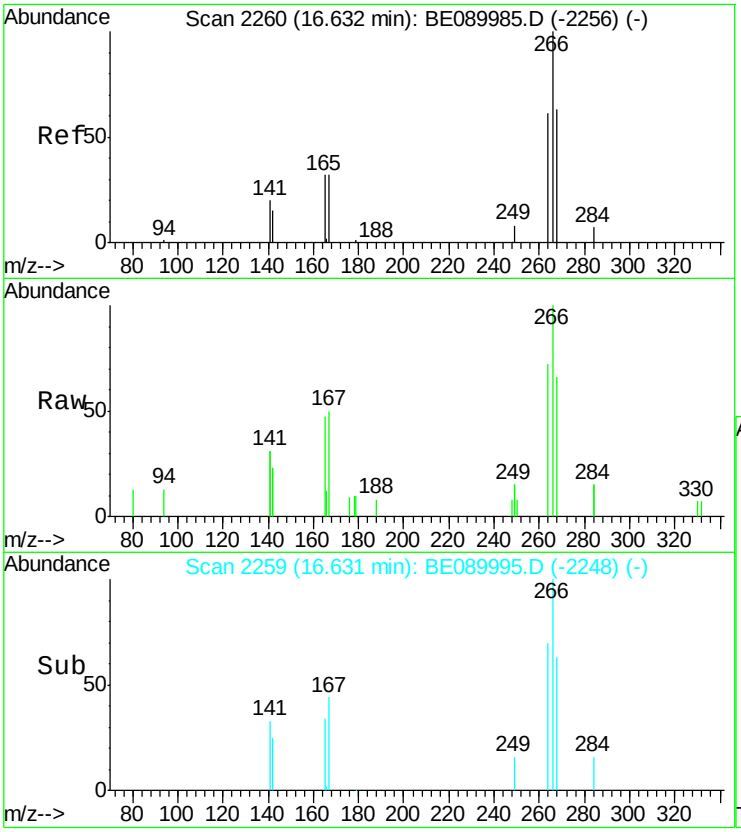


#20
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:284 Resp: 19458

Ion	Ratio	Lower	Upper
284	100		
142	41.3	32.6	49.0
249	32.1	25.5	38.3



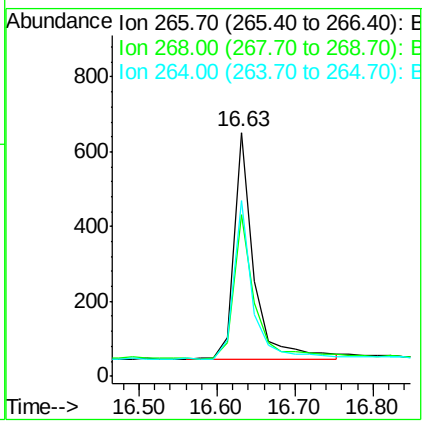


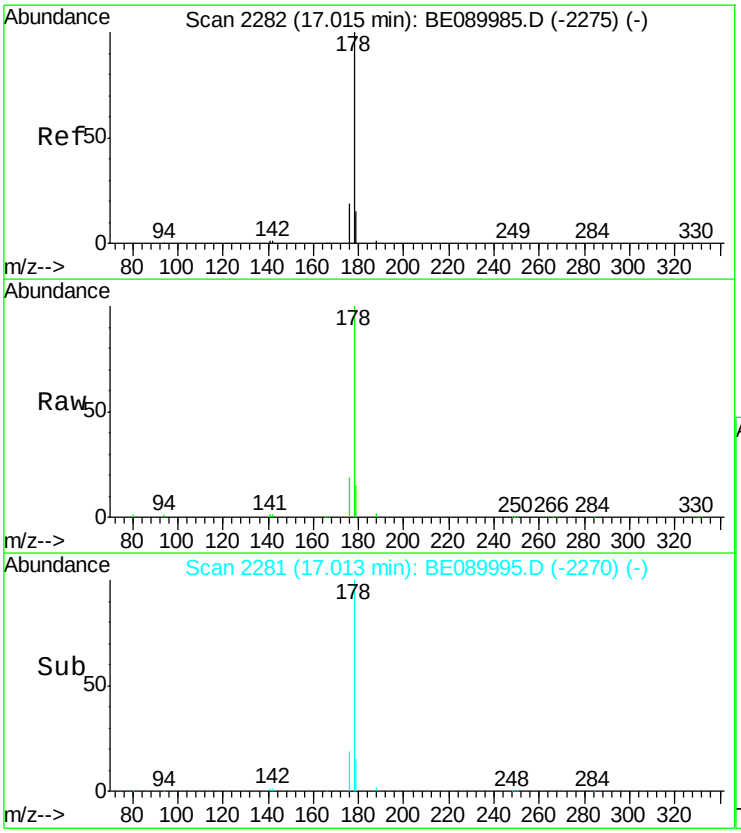
#21
Pentachlorophenol
Concen: 0.67 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 1076

Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.8	77.8
264	72.2	50.2	75.2

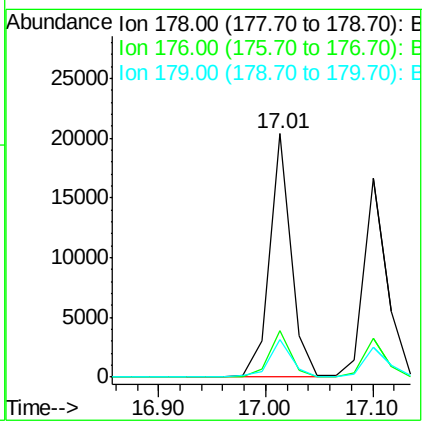


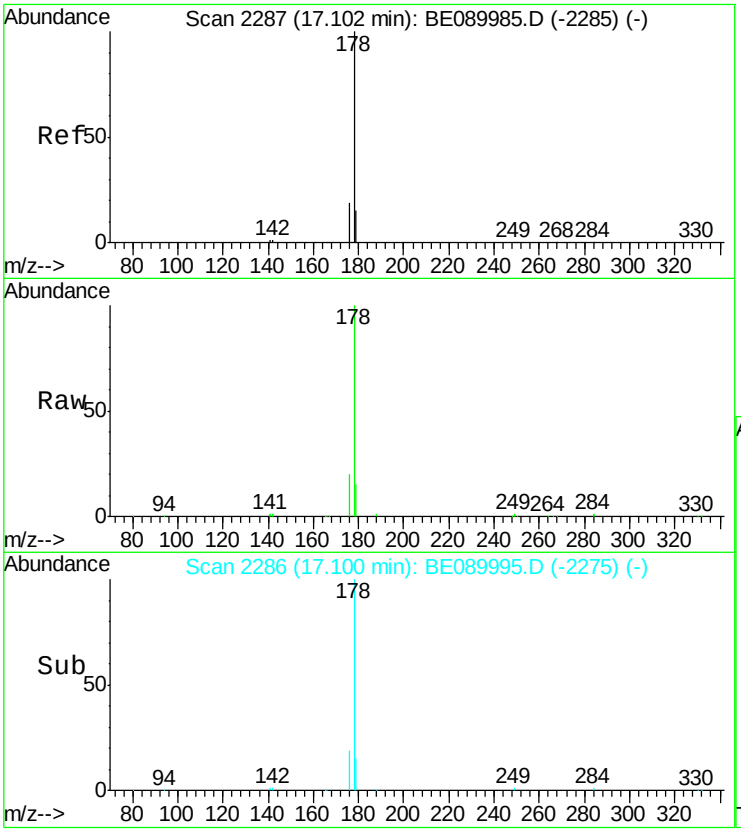


#22
Phenanthrene
Concen: 0.98 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:178 Resp: 28086

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.4	18.6



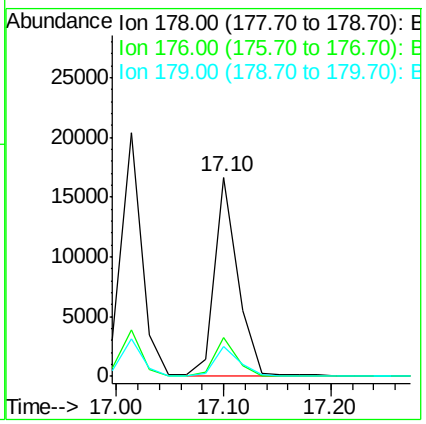


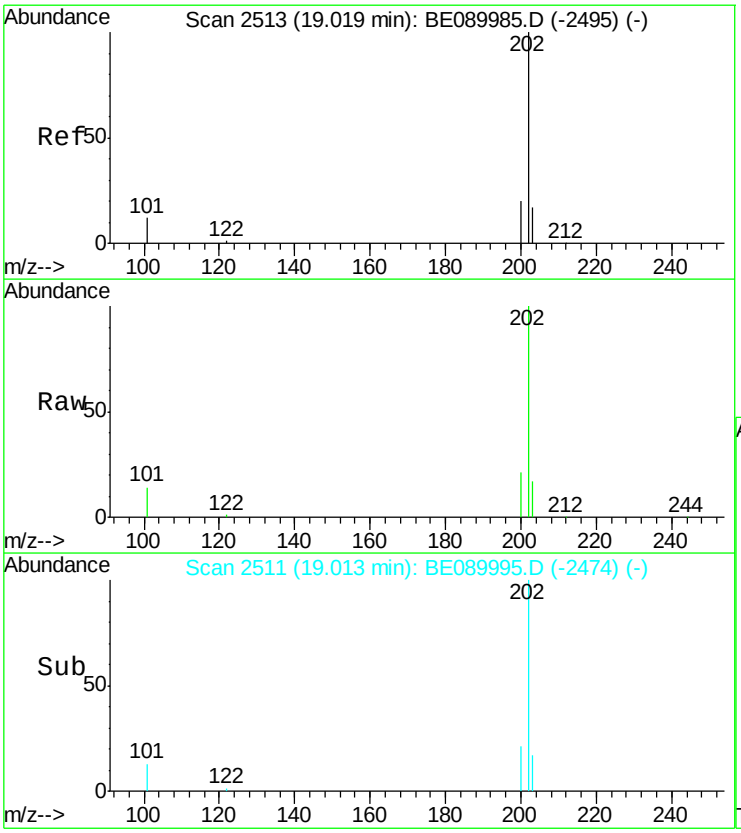
#23
Anthracene
Concen: 0.94 ng
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 24744

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.4	12.1	18.1

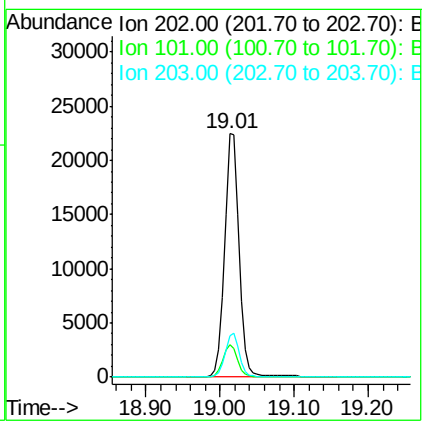


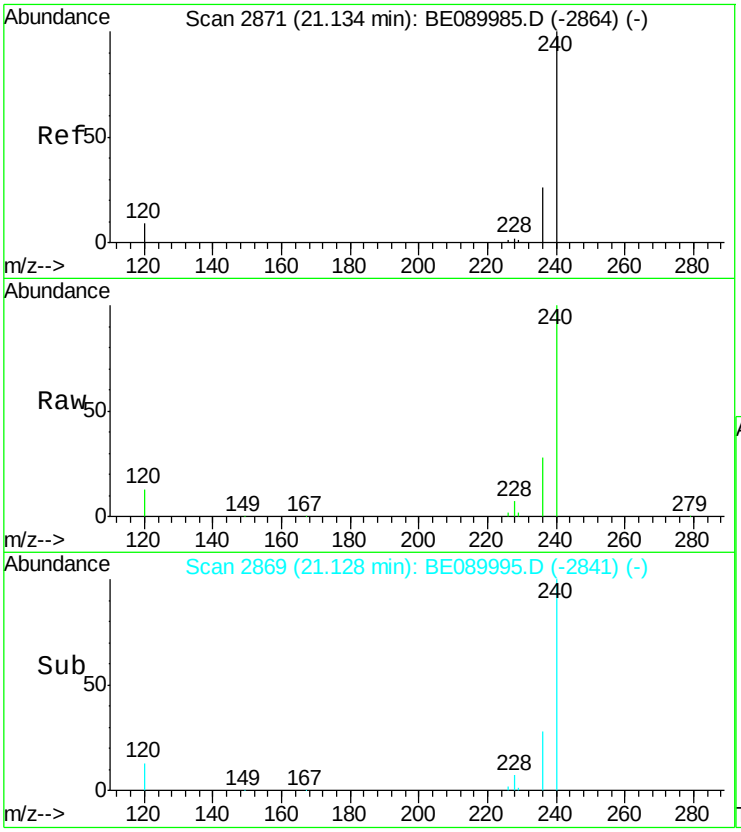


#24
Fluoranthene
Concen: 0.96 ng
RT: 19.01 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:202 Resp: 30924

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
203	17.3	13.8	20.6



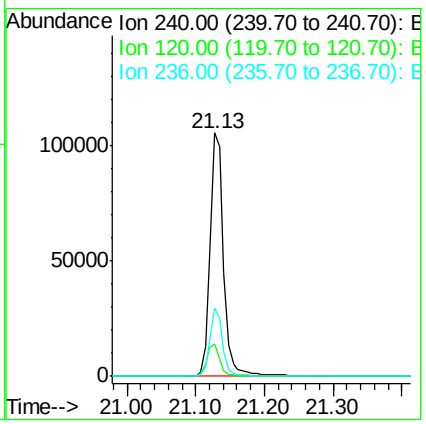


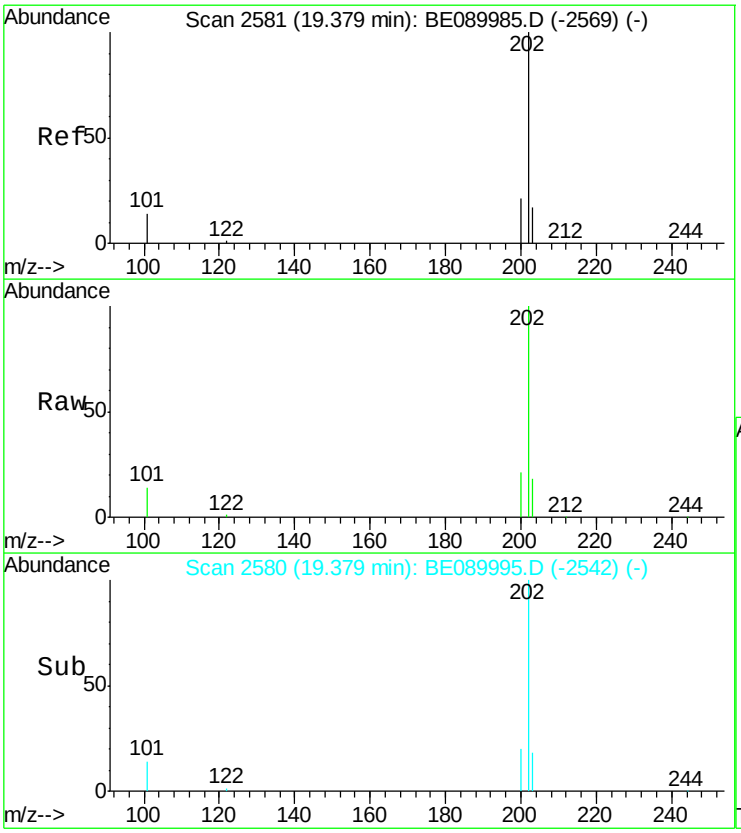
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.01 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 142268

Ion	Ratio	Lower	Upper
240	100		
120	13.4	6.9	10.3#
236	27.8	20.8	31.2

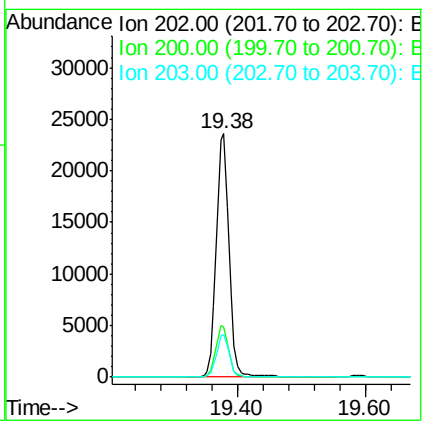


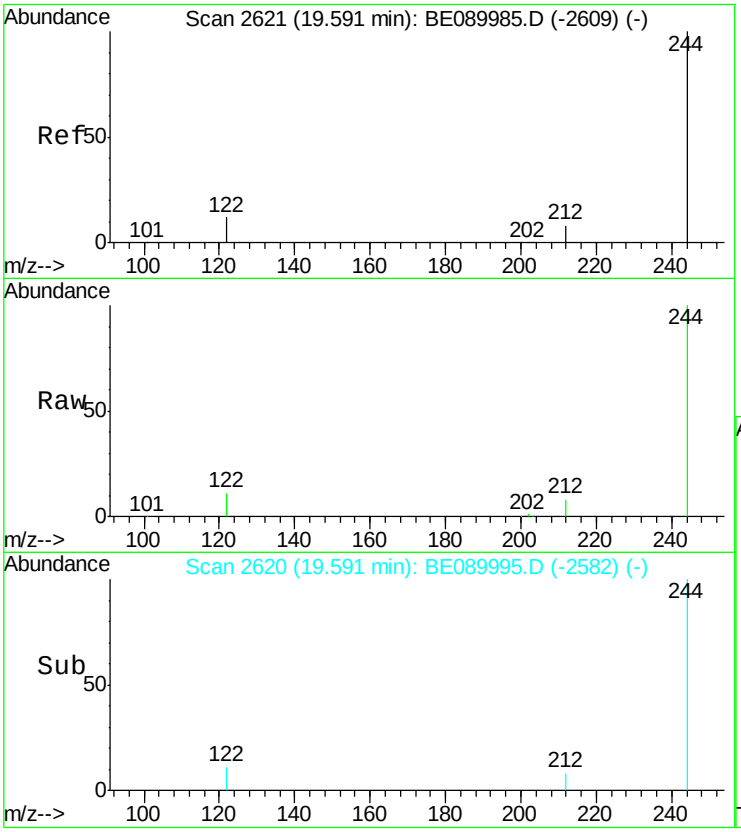


#26
Pyrene
Concen: 0.95 ng
RT: 19.38 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:202 Resp: 32168

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



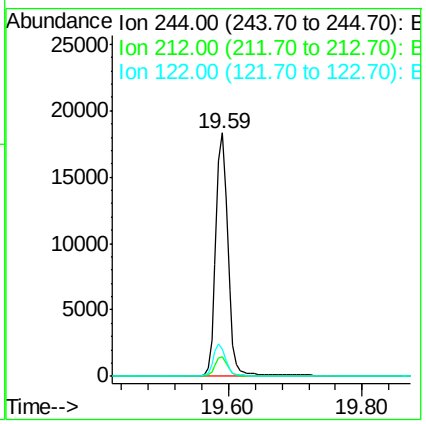


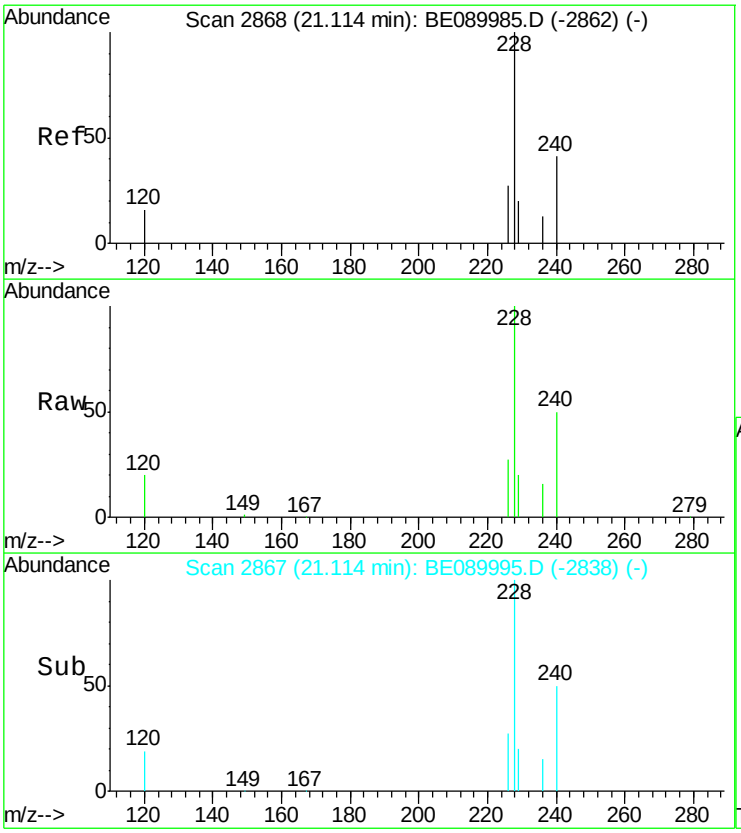
#27
Terphenyl-d14
Concen: 0.96 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 22709

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.4	9.8	14.8

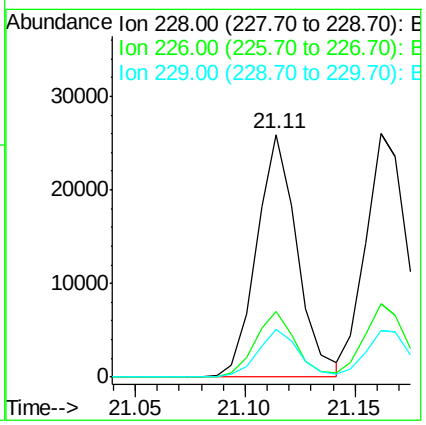


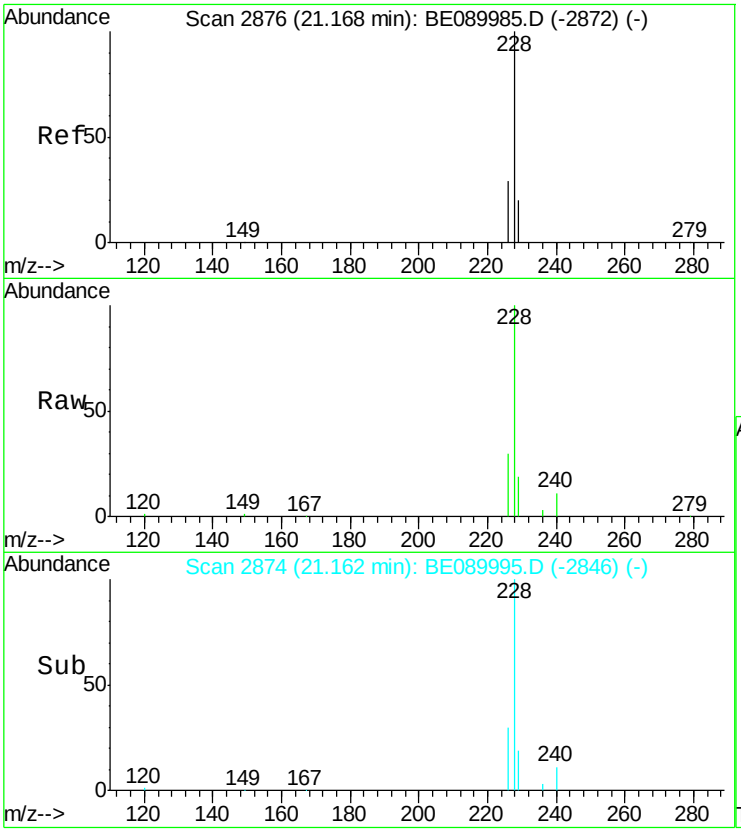


#28
Benzo(a)anthracene
Concen: 0.93 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:228 Resp: 33200

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.7	15.8	23.6



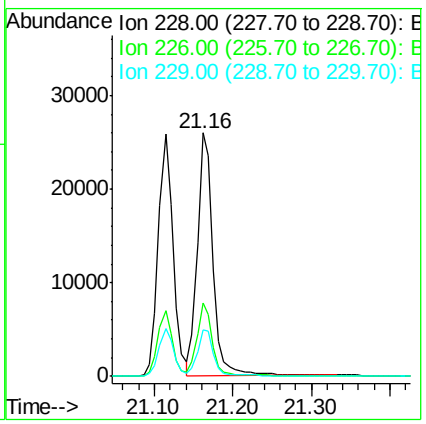


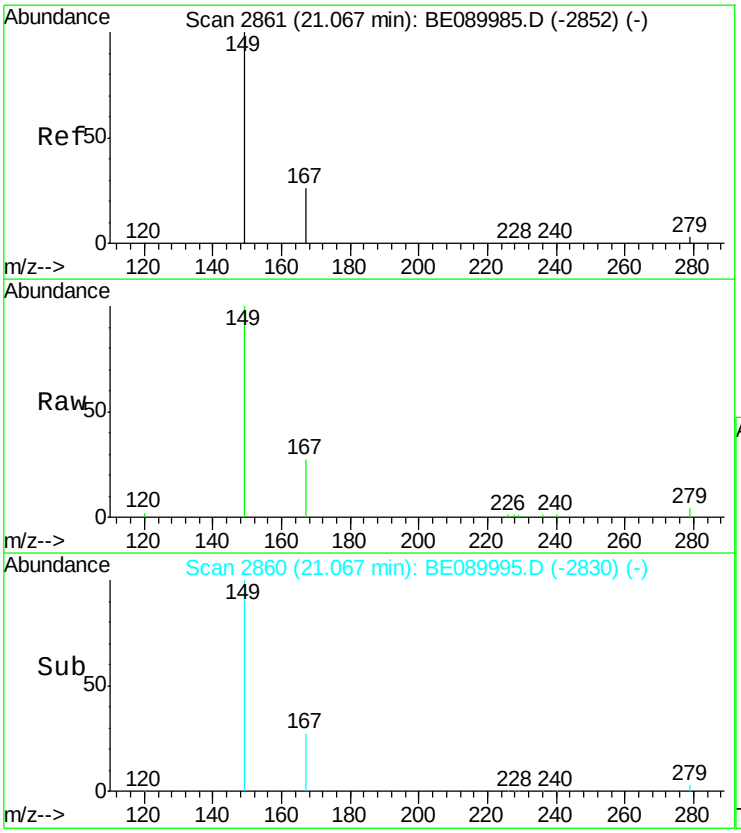
#29
Chrysene
Concen: 0.98 ng
RT: 21.16 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 35973

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.0	16.2	24.2

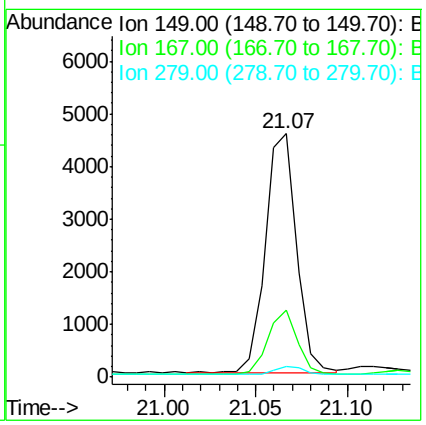


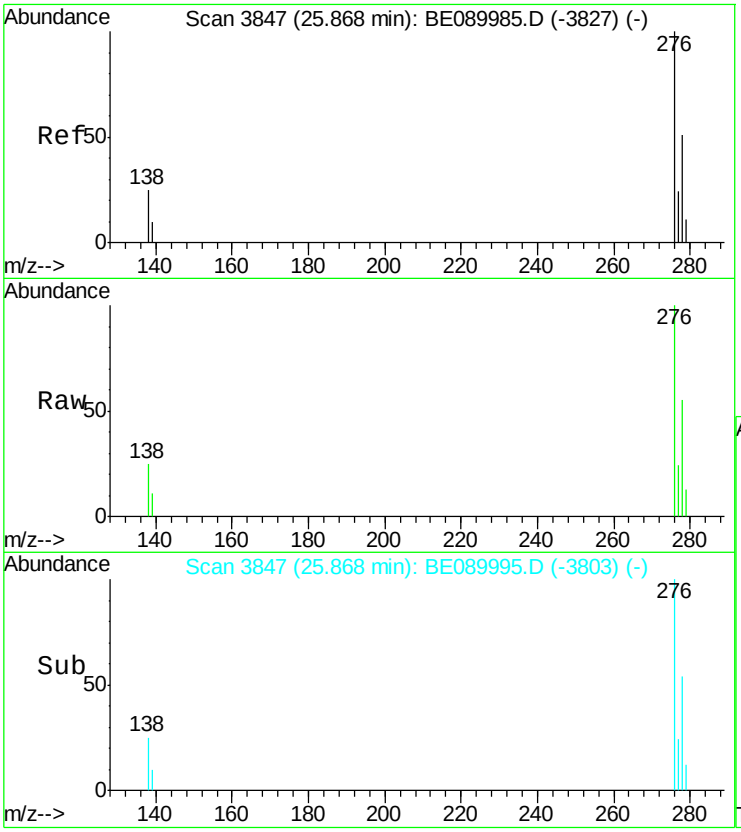


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.61 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:149 Resp: 5339

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	3.2	2.6	3.8



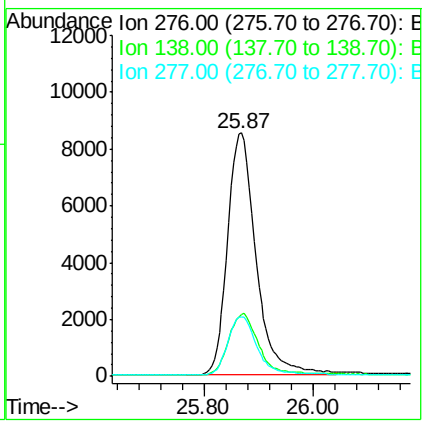


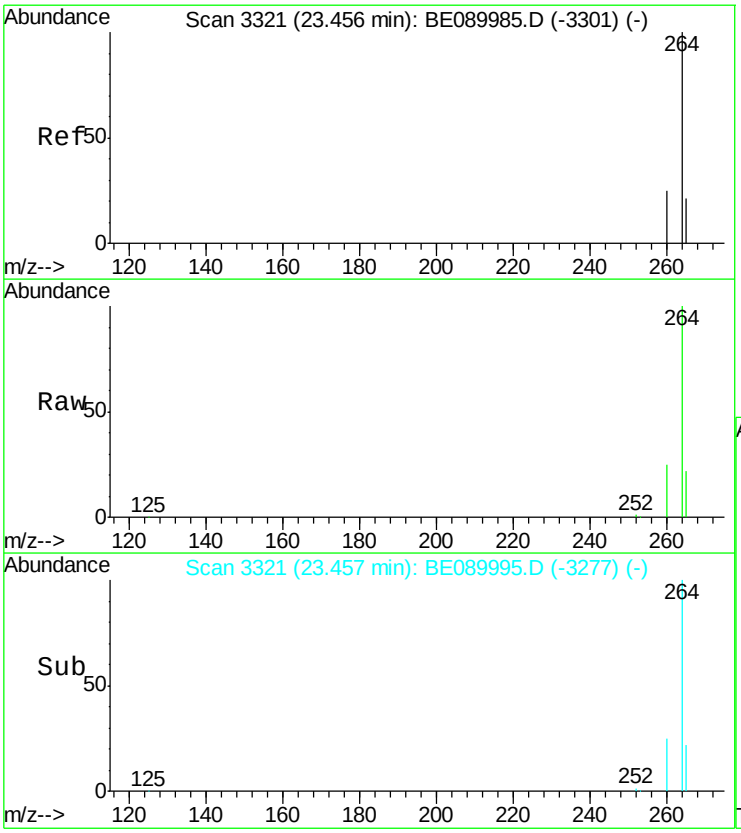
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.87 ng
RT: 25.87 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 30928

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.3	31.9
277	24.8	19.7	29.5

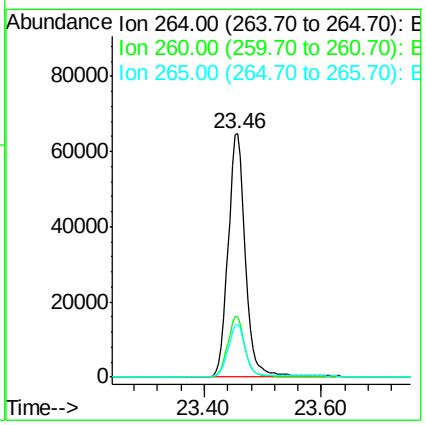


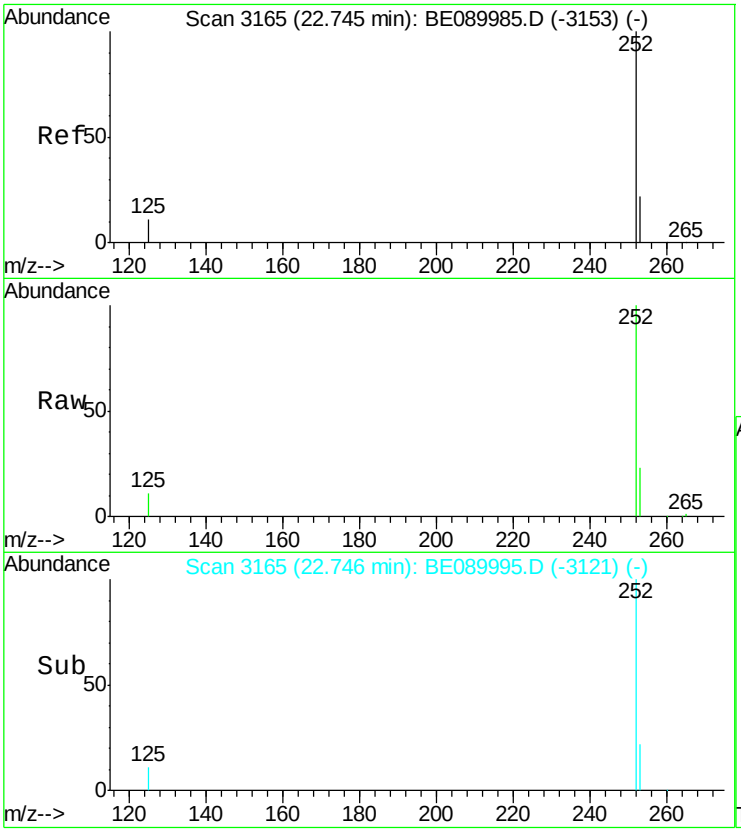


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:264 Resp: 133254

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	21.9	17.1	25.7



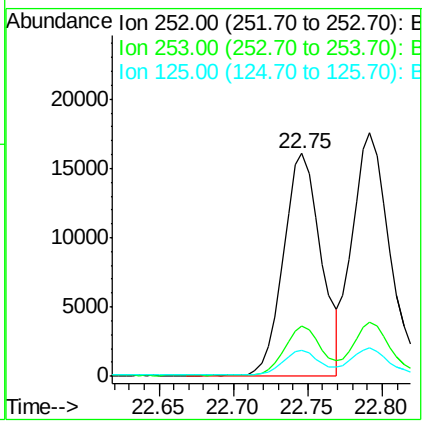


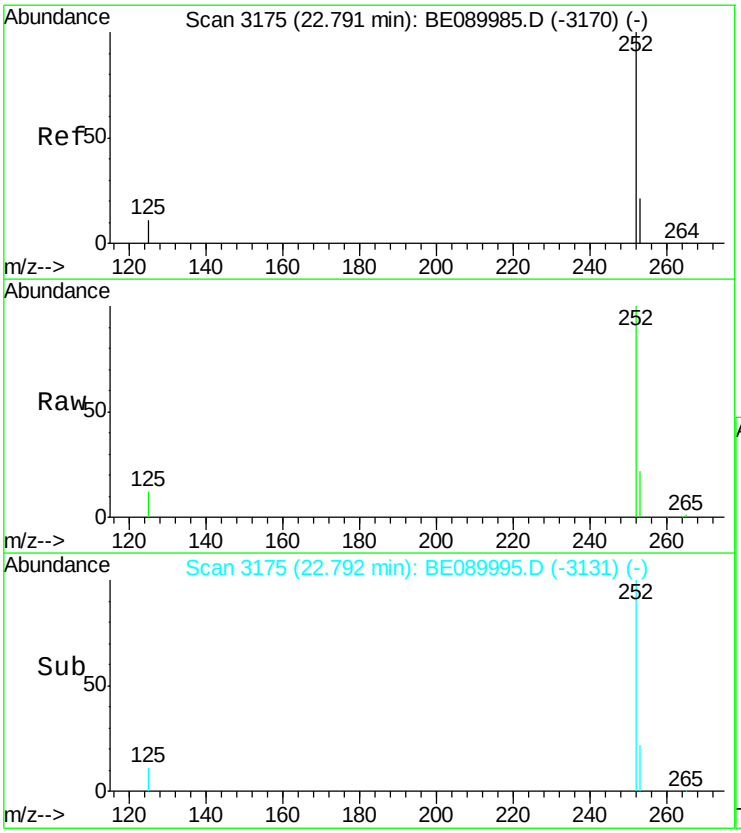
#33
Benzo(b)fluoranthene
Concen: 0.95 ng
RT: 22.75 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 27957

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.5	9.0	13.4

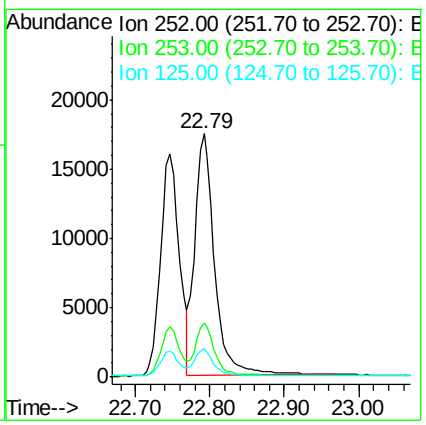


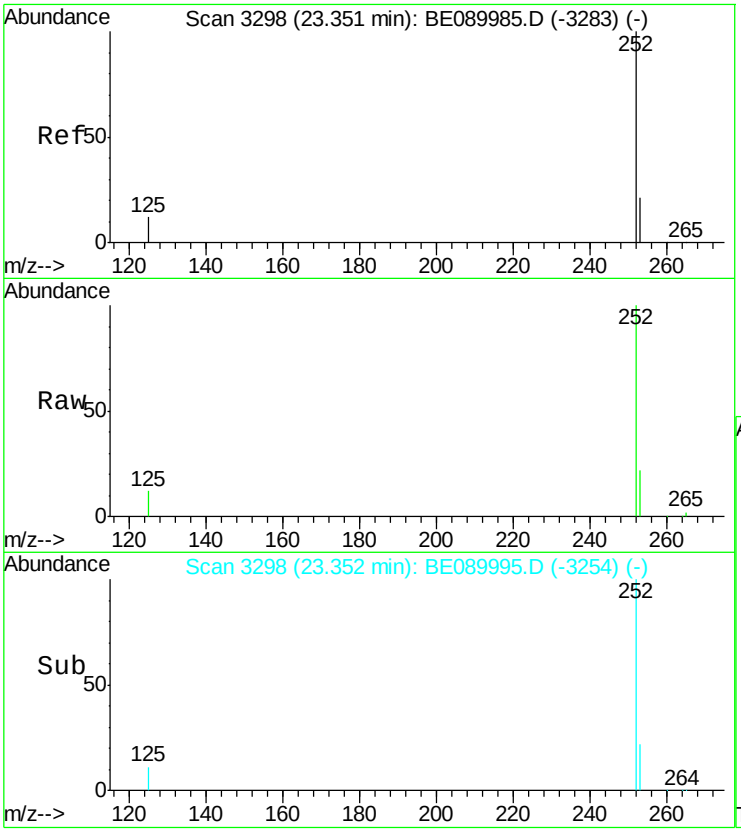


#34
Benzo(k)fluoranthene
Concen: 0.98 ng
RT: 22.79 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:252 Resp: 32313

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.7	9.5	14.3



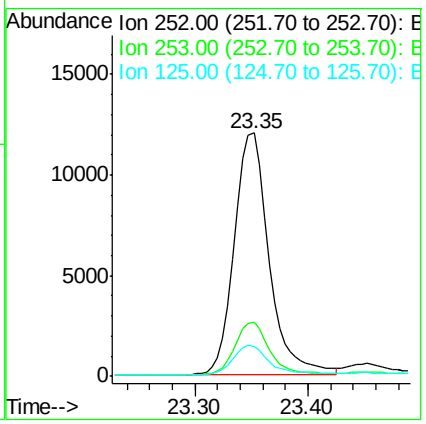


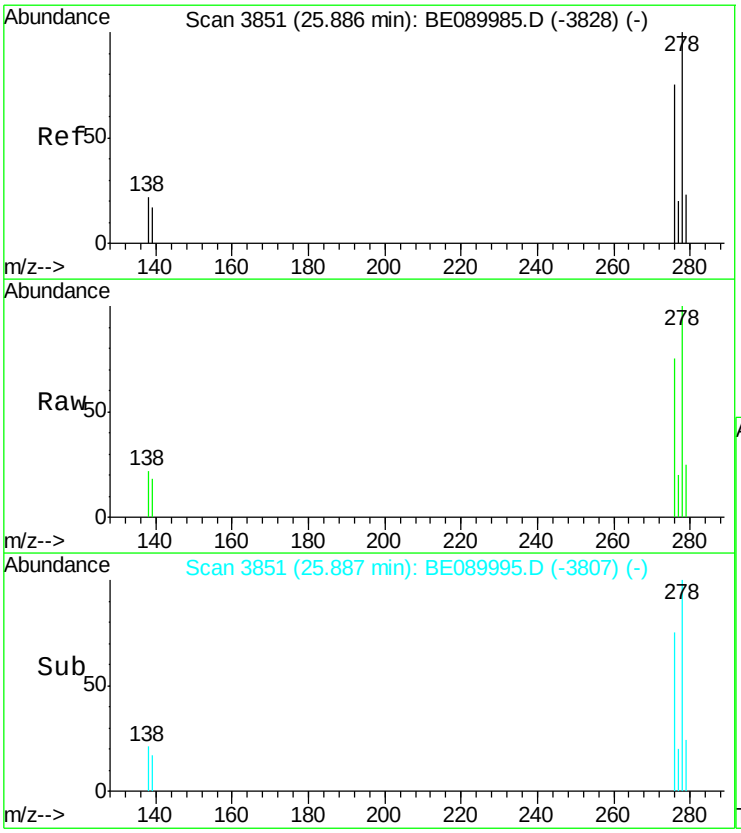
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.35 min Scan# 3298
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 25081

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	12.2	10.5	15.7

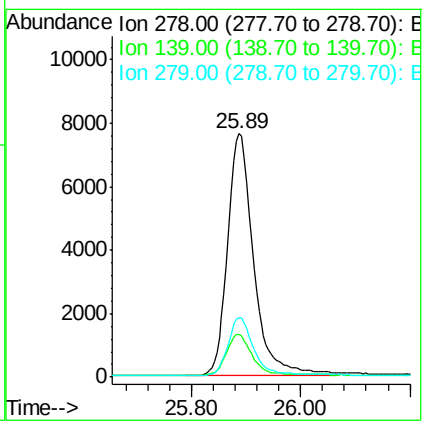


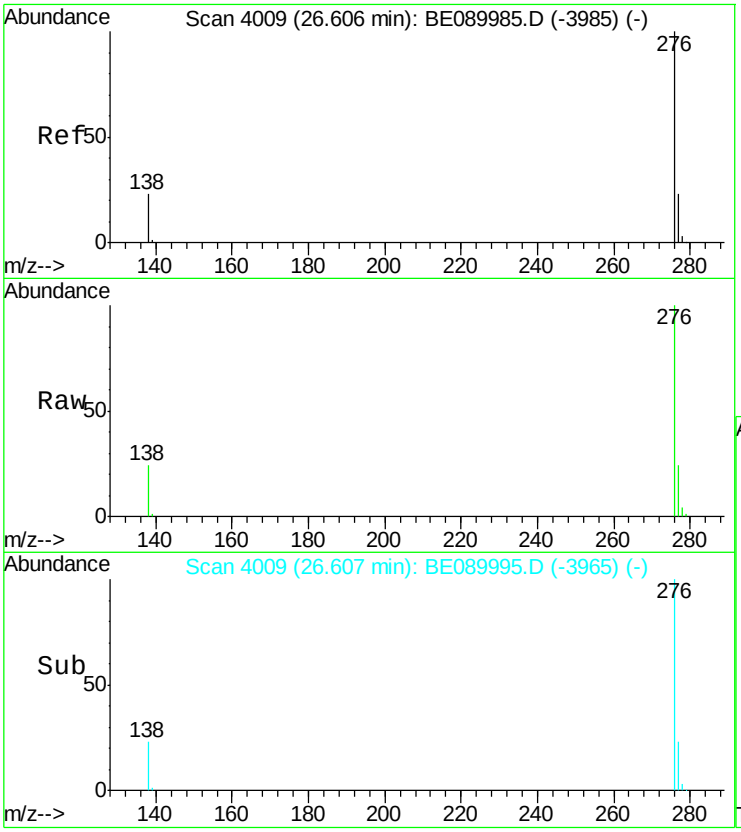


#36
Dibenzo(a,h)anthracene
Concen: 0.90 ng
RT: 25.89 min Scan# 3851
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Tgt Ion:278 Resp: 25169

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.4	21.6
279	24.5	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.90 ng
RT: 26.61 min Scan# 4009
Delta R.T. 0.00 min
Lab File: BE089995.D
Acq: 29 Jun 2015 22:43

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 25464

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.5	18.6	27.8