Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089985.D
Acq On : 29 Jun 2015 16:09
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC001

Quant Time: Jun 30 06:06:20 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	20316	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	86161	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	51874	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	128935	5.00	ng	0.00
25) Chrysene-d12	21.13	240	159817	5.00	ng	0.00
32) Perylene-d12	23.46	264	154962	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4654	1.22	ng	0.00
5) Phenol-d6	6.80	99	6421	1.11	ng	0.00
7) Nitrobenzene-d5	8.76	82	6722	1.03	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1488	1.90	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	15180	0.99	ng	0.00
27) Terphenyl-d14	19.59	244	26582	0.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	2684	0.96	ng	100
3) n-Nitrosodimethylamine	3.53	42	3629	0.98	ng	100
8) Nitrobenzene	8.80	77	7033	1.01	ng	100
9) Naphthalene	10.43	128	19150	0.99	ng	100
10) Hexachlorobutadiene	10.72	225	3014	0.99	ng	100
11) 2-Methylnaphthalene	12.04	142	12781	0.97	ng	100
15) Acenaphthylene	13.95	152	90725	0.99	ng	100
16) Acenaphthene	14.30	154	13283	0.99	ng	100
17) Fluorene	15.29	166	17859	0.98	ng	100
19) 4-Bromophenyl-phenylether	16.18	248	5358	1.00	ng	100
20) Hexachlorobenzene	16.30	284	21942	0.95	ng	100
21) Pentachlorophenol	16.63	266	2094	1.96	ng	100
22) Phenanthrene	17.01	178	32055	0.98	ng	100
23) Anthracene	17.10	178	29649	0.98	ng	100
24) Fluoranthene	19.02	202	36164	1.01	ng	100
26) Pyrene	19.38	202	37429	0.93	ng	100
28) Benzo(a)anthracene	21.11	228	39021	1.01	ng	100
29) Chrysene	21.17	228	40942	0.97	ng	100
30) Bis(2-ethylhexyl)phthalate	21.07	149	11691	2.46	ng	100
31) Indeno(1,2,3-cd)pyrene	25.87	276	39084	1.22	ng	100
33) Benzo(b)fluoranthene	22.75	252	33945	1.02	ng	100
34) Benzo(k)fluoranthene	22.79	252	38102	1.01	ng	100
35) Benzo(a)pyrene	23.35	252	31475	1.06	ng	100
36) Dibenzo(a,h)anthracene	25.89	278	31835	1.14	ng	100
37) Benzo(g,h,i)perylene	26.61	276	32480	1.09	ng	100

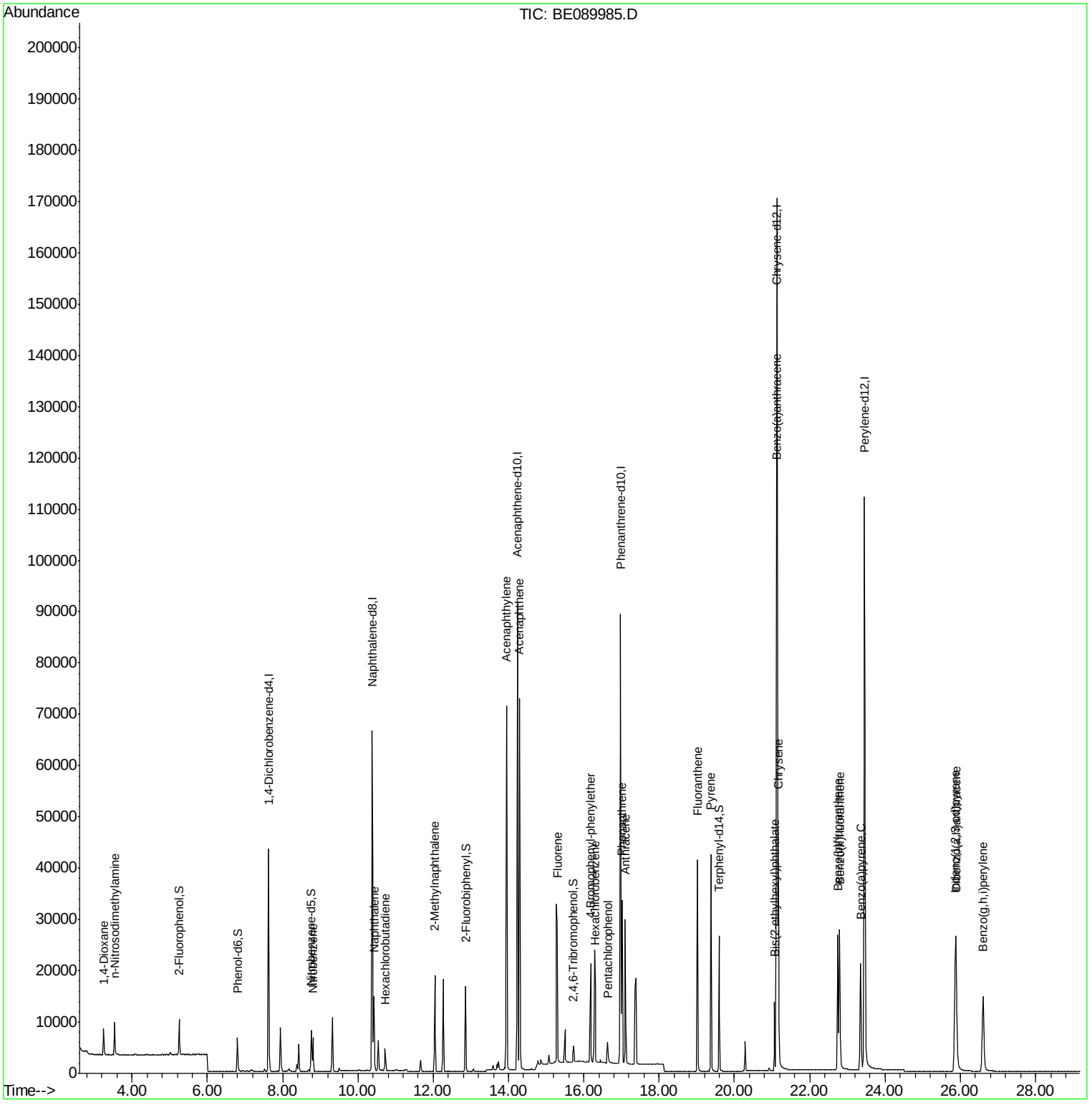
(#) = qualifier out of range (m) = manual integration (+) = signals summed

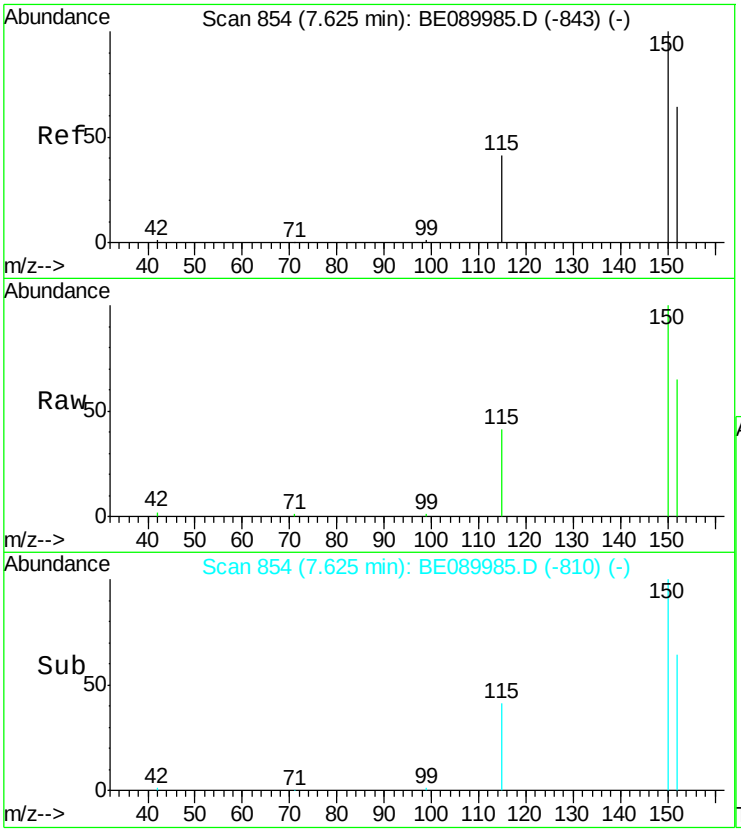
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089985.D
Acq On : 29 Jun 2015 16:09
Operator : TP/IZ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Quant Time: Jun 30 06:06:20 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



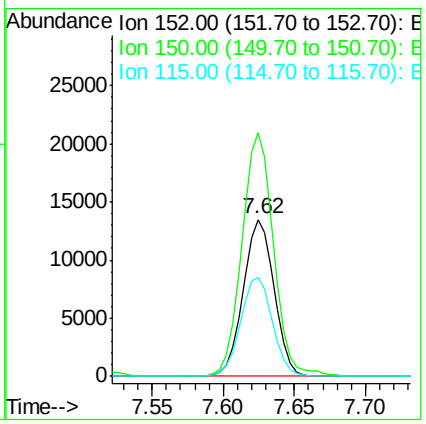


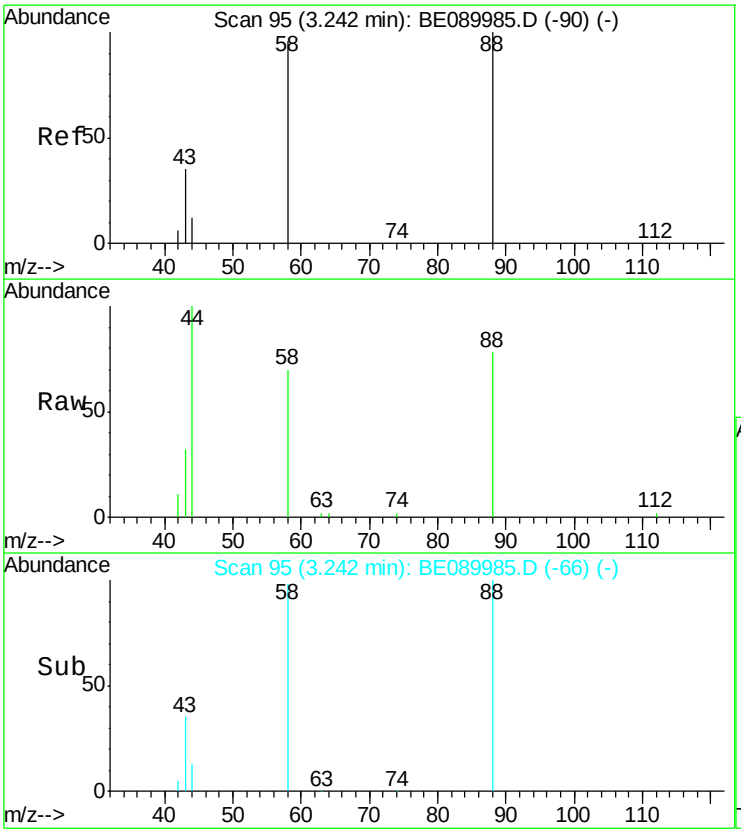
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 20316

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.9	185.9
115	63.3	50.6	76.0

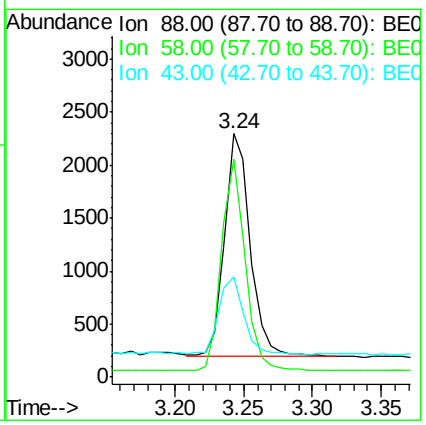


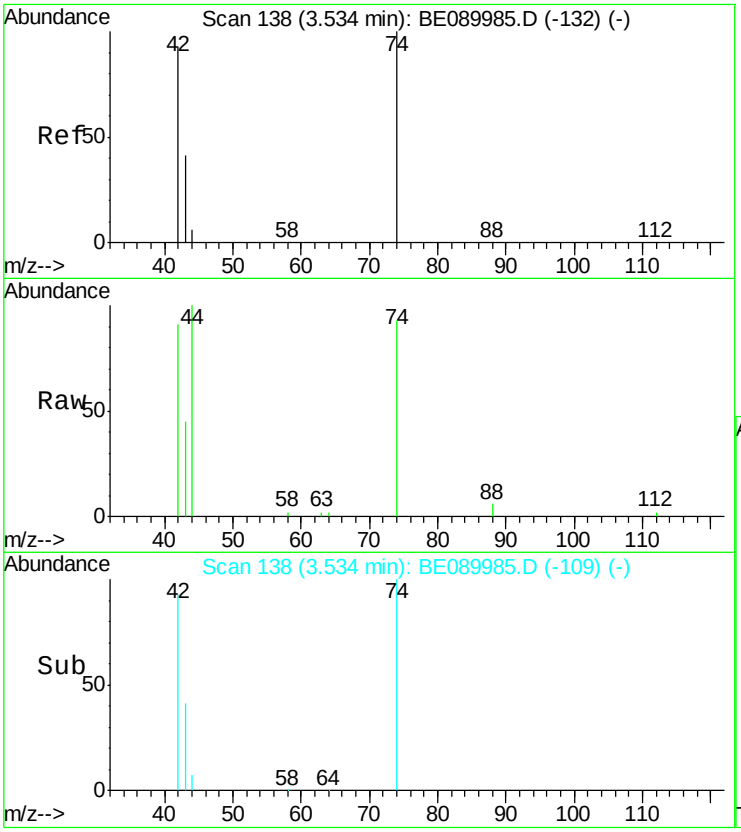


#2
1,4-Dioxane
Concen: 0.96 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion: 88 Resp: 2684

Ion	Ratio	Lower	Upper
88	100		
58	88.6	70.9	106.3
43	34.5	27.6	41.4



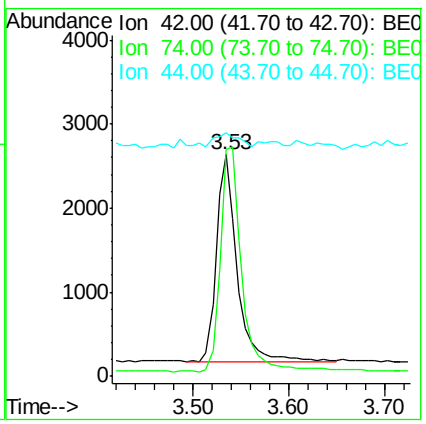


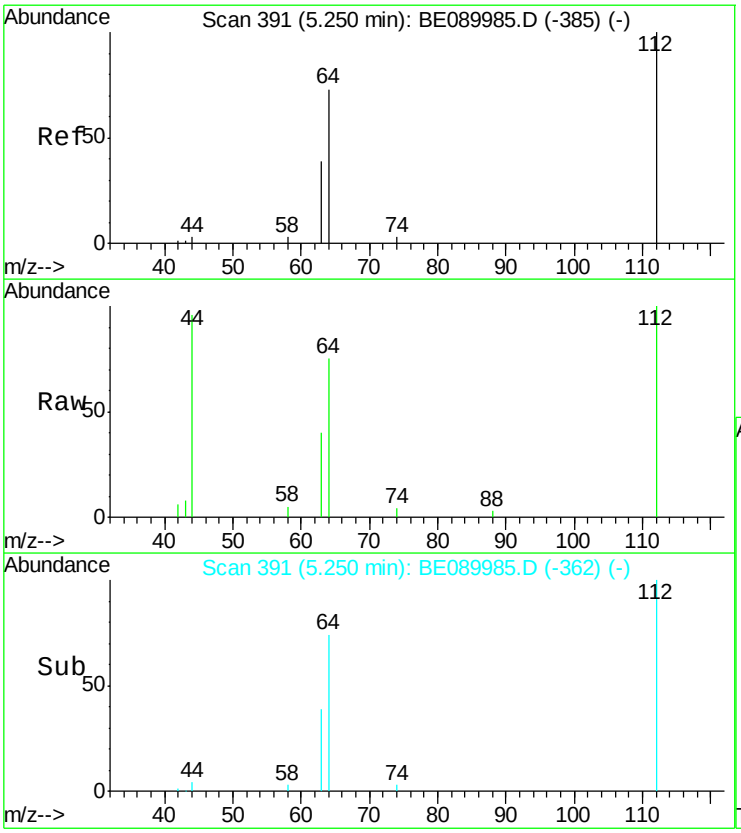
#3
n-Nitrosodimethylamine
Concen: 0.98 ng
RT: 3.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 3629

Ion	Ratio	Lower	Upper
42	100		
74	111.8	89.4	134.2
44	8.6	6.9	10.3

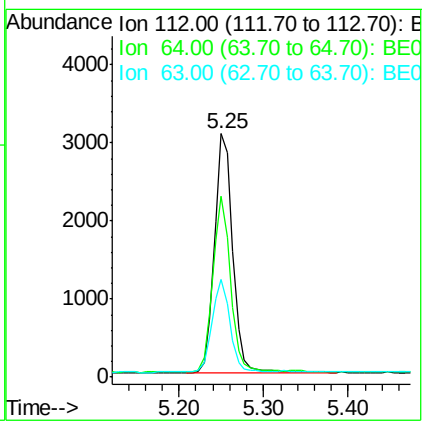


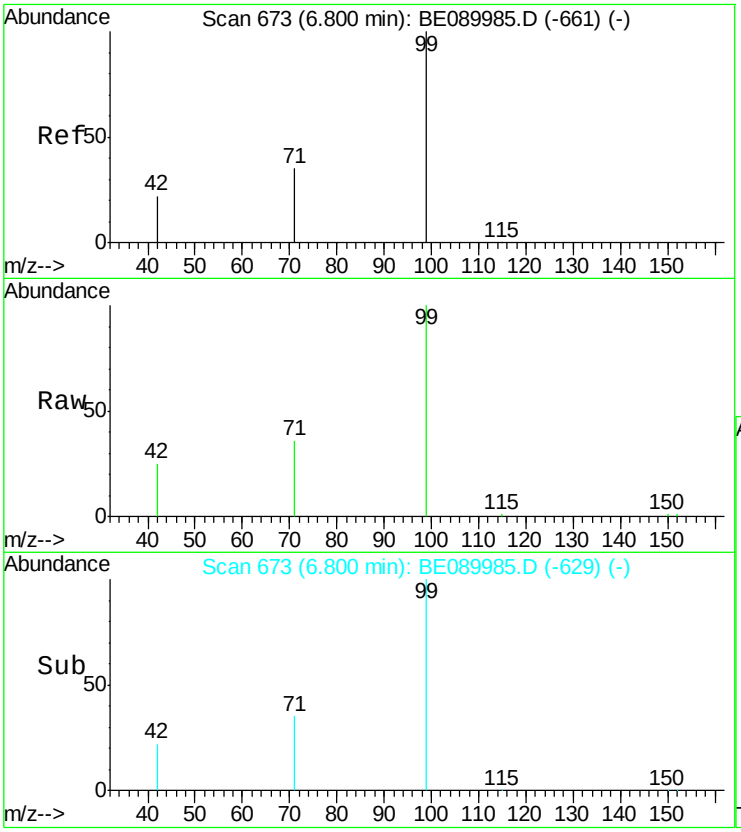


#4
2-Fluorophenol
Concen: 1.22 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:112 Resp: 4654

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.3	84.5
63	37.2	29.8	44.6



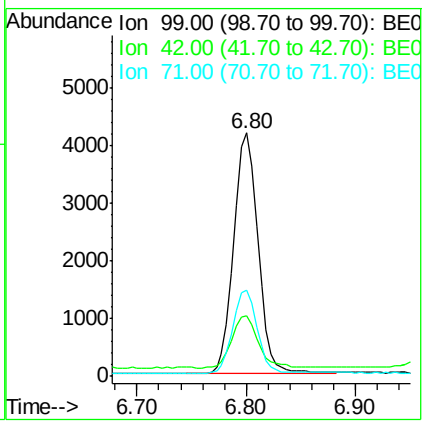


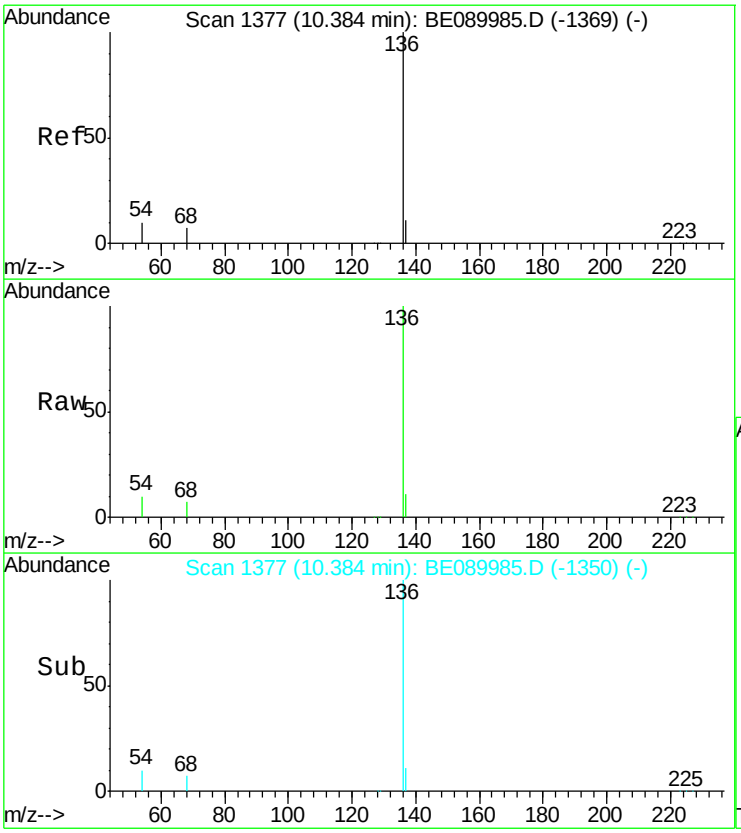
#5
Phenol-d6
Concen: 1.11 ng
RT: 6.80 min Scan# 673
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 99 Resp: 6421

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.7	28.1
71	34.4	27.5	41.3

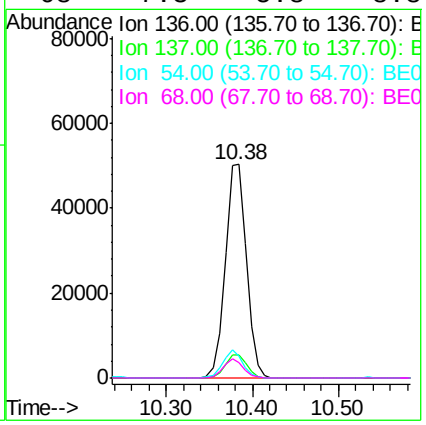


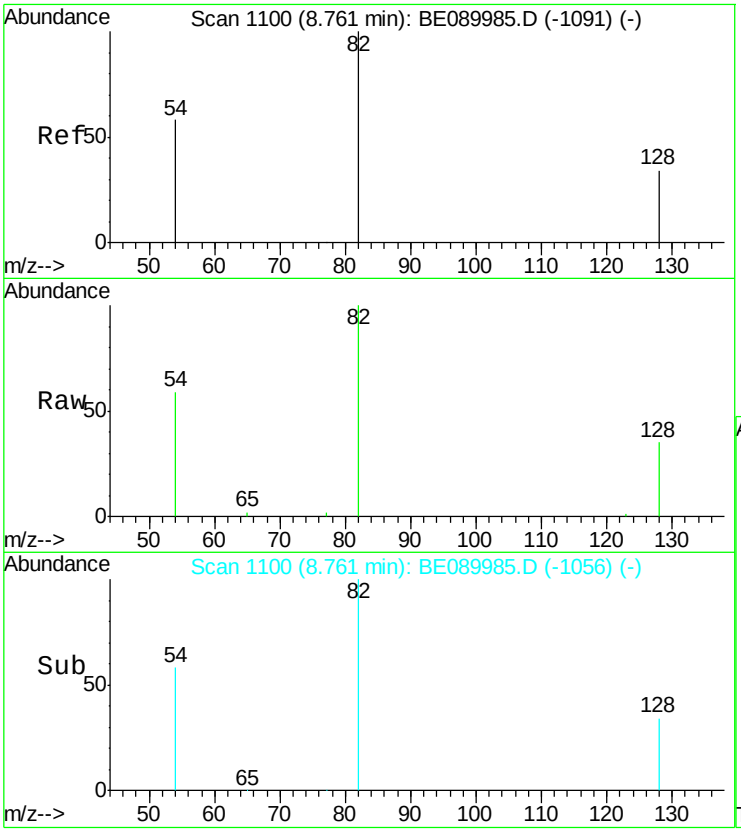


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:136 Resp: 86161

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.3	8.2	12.4
68	7.3	5.8	8.8



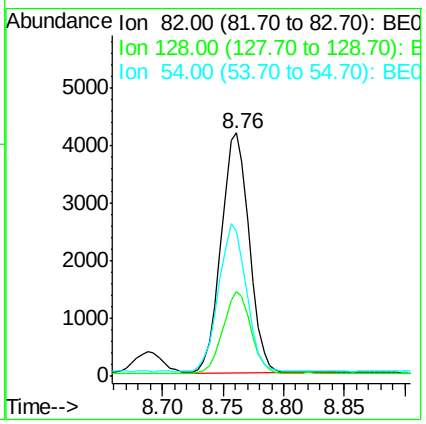


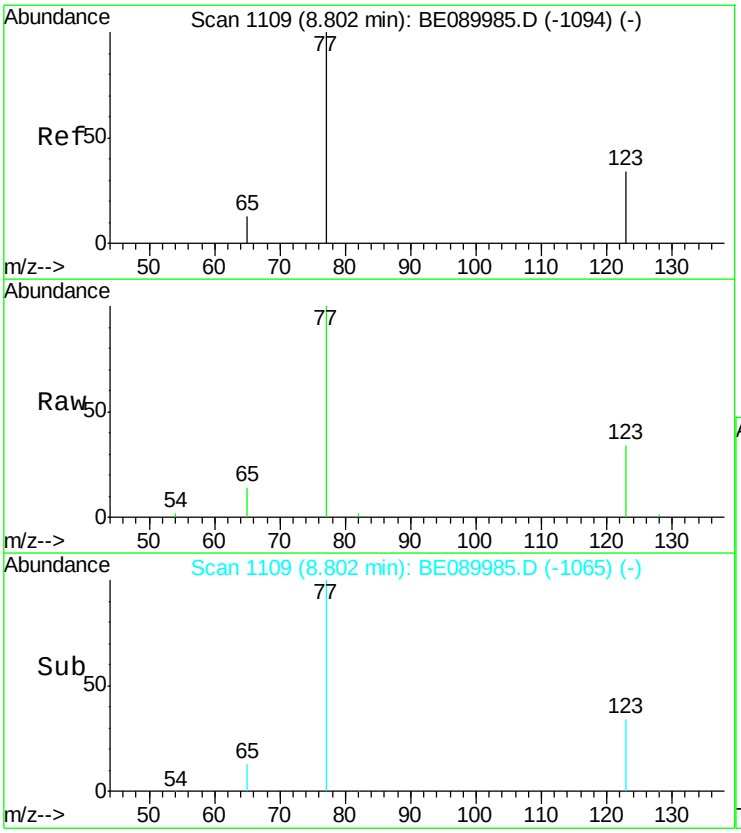
#7
Nitrobenzene-d5
Concen: 1.03 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 82 Resp: 6722

Ion	Ratio	Lower	Upper
82	100		
128	35.0	28.0	42.0
54	59.5	47.6	71.4

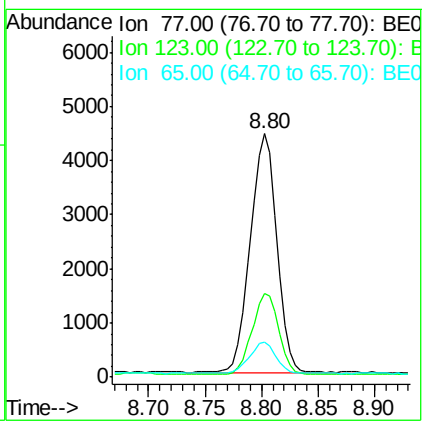


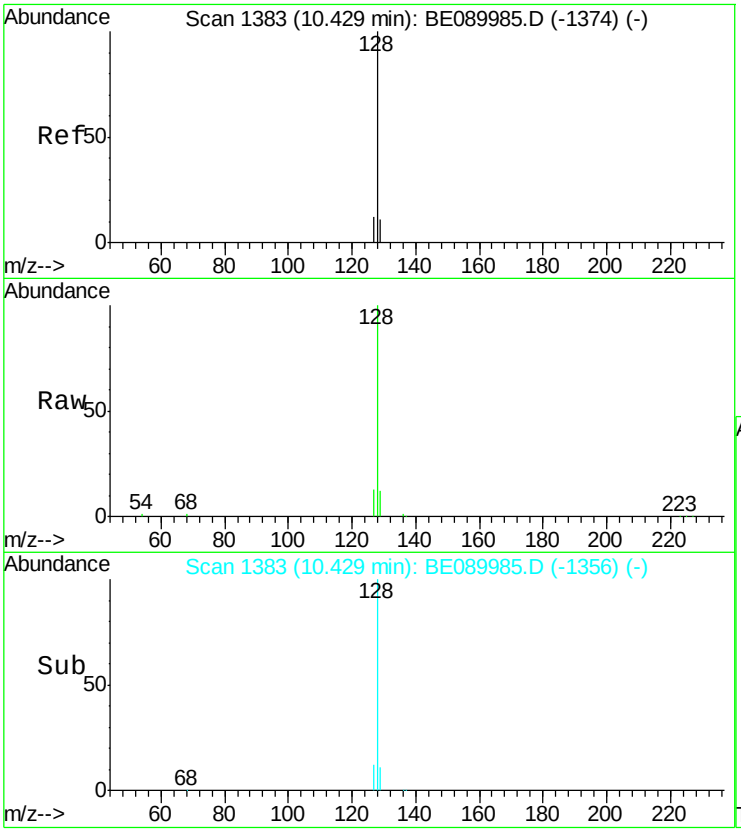


#8
Nitrobenzene
Concen: 1.01 ng
RT: 8.80 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion: 77 Resp: 7033

Ion	Ratio	Lower	Upper
77	100		
123	34.2	27.4	41.0
65	13.2	10.6	15.8



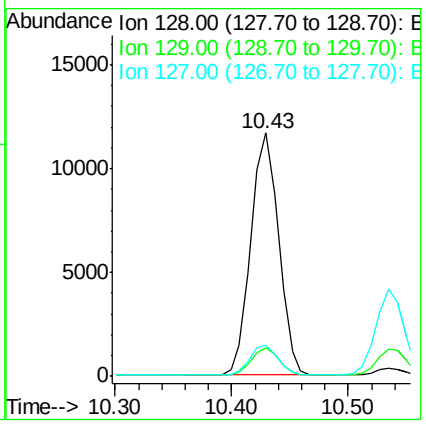


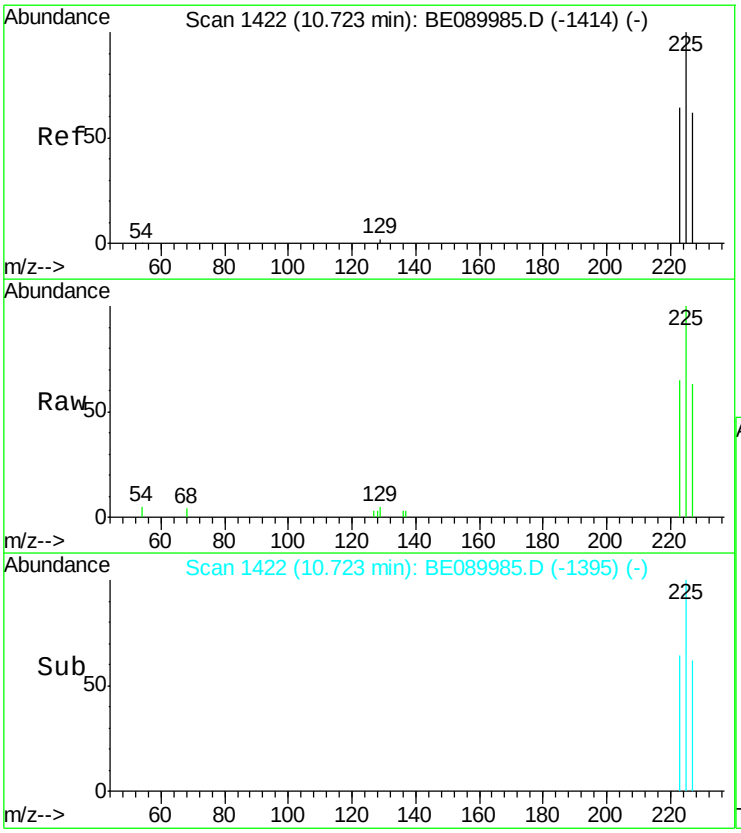
#9
Naphthalene
Concen: 0.99 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:128 Resp: 19150

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	12.8	10.2	15.4

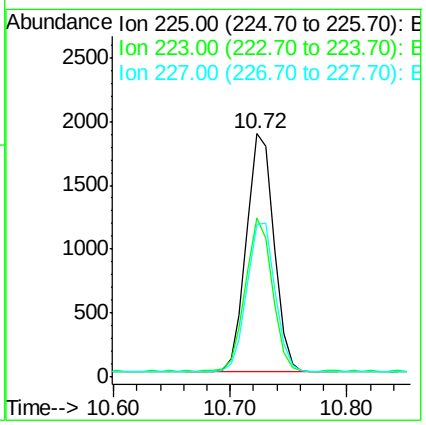


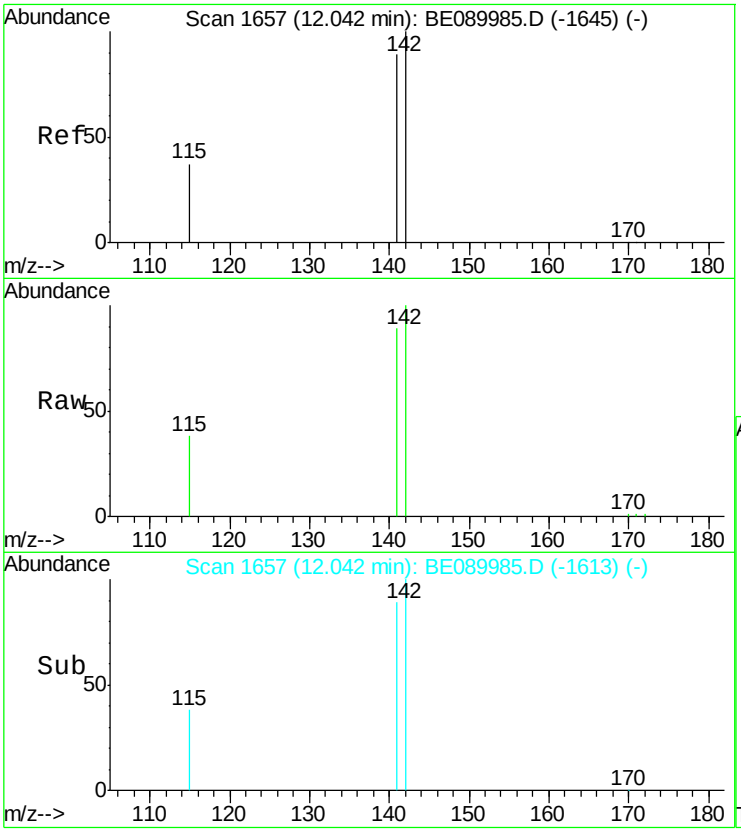


#10
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.72 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:225 Resp: 3014

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	63.6	50.9	76.3



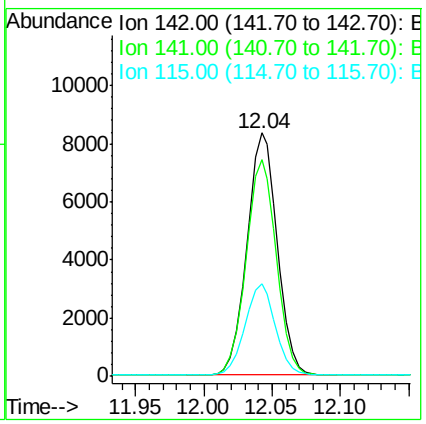


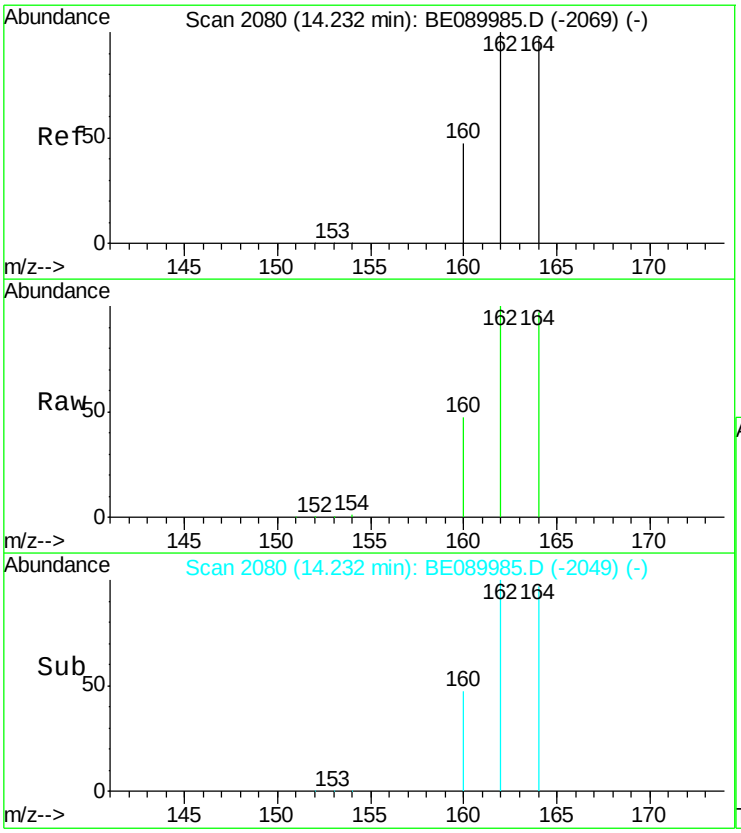
#11
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.04 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 12781

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	38.0	30.4	45.6

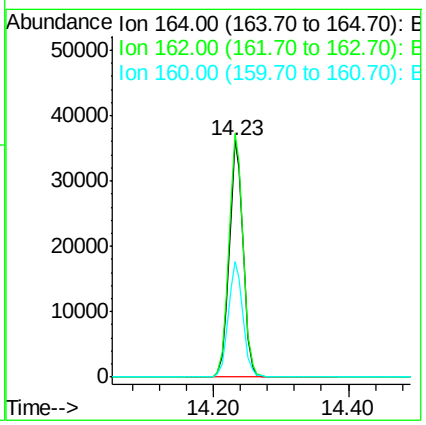


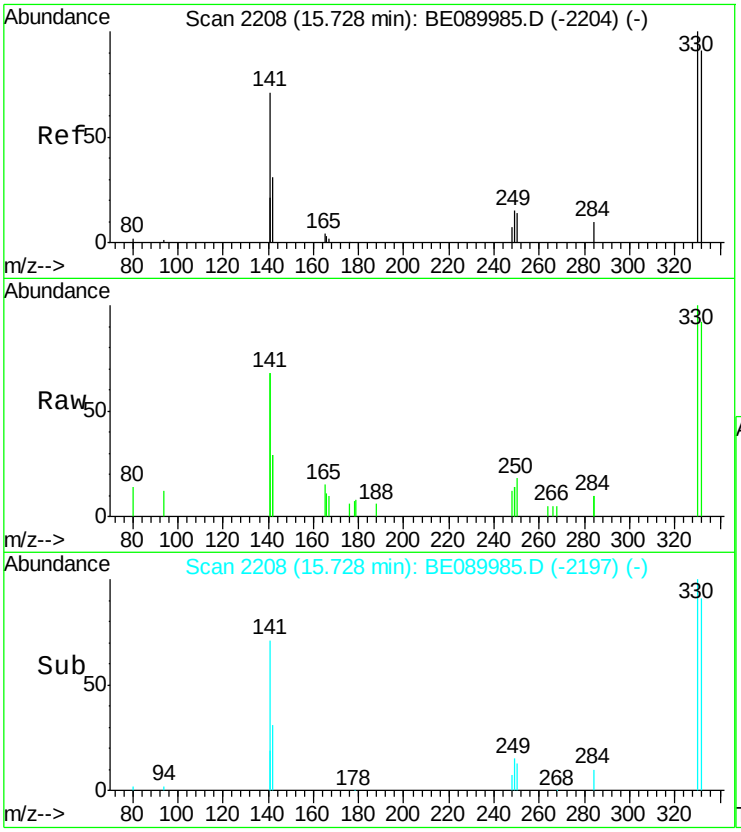


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:164 Resp: 51874

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.2	123.4
160	48.8	39.0	58.6



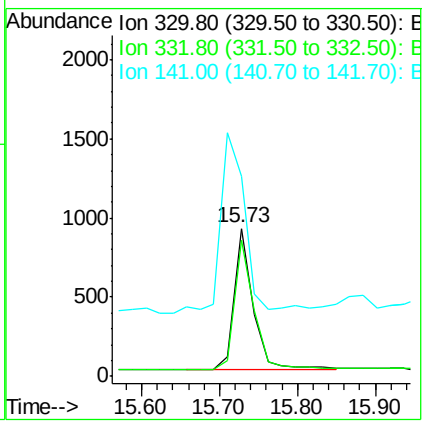


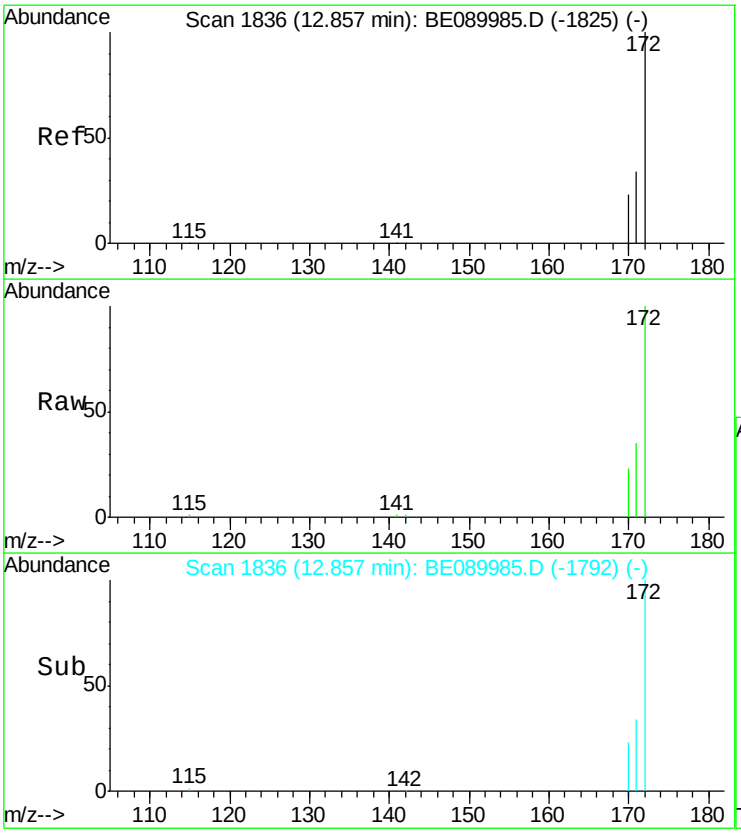
#13
2,4,6-Tribromophenol
Concen: 1.90 ng
RT: 15.73 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:330 Resp: 1488

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.4	114.6
141	163.7	130.3	195.5

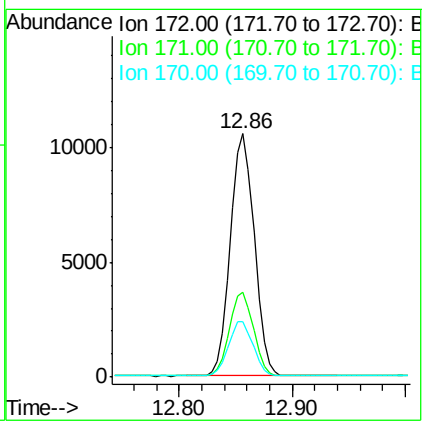


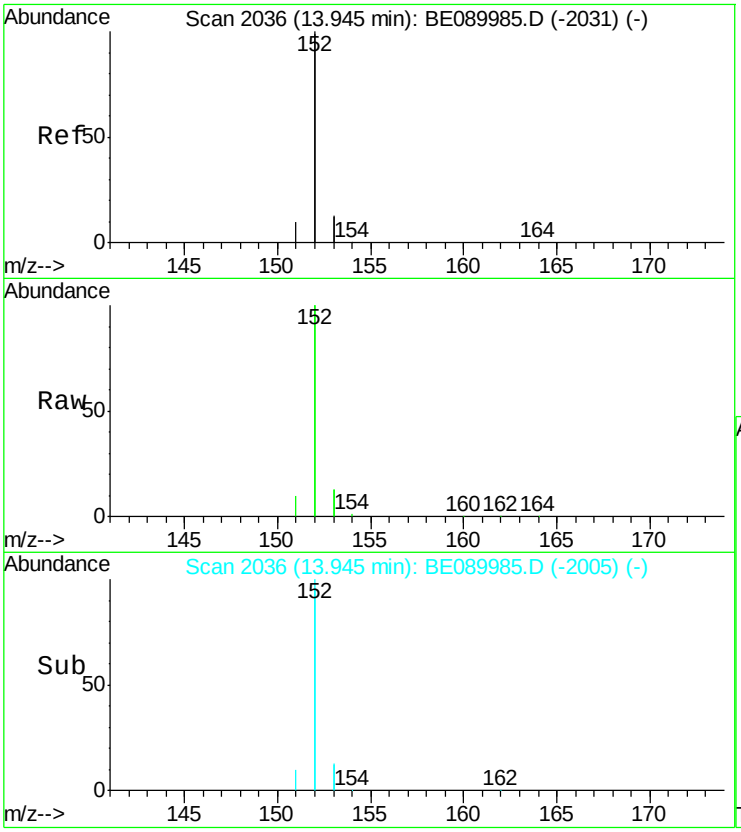


#14
2-Fluorobiphenyl
Concen: 0.99 ng
RT: 12.86 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:172 Resp: 15180

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	22.9	18.3	27.5



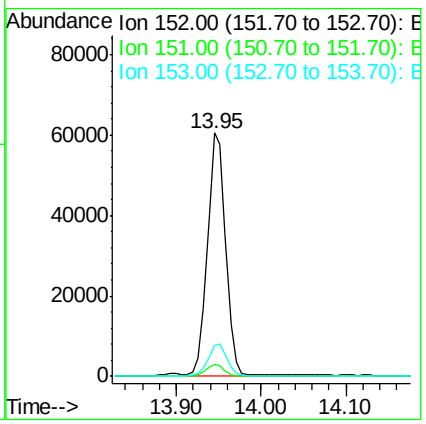


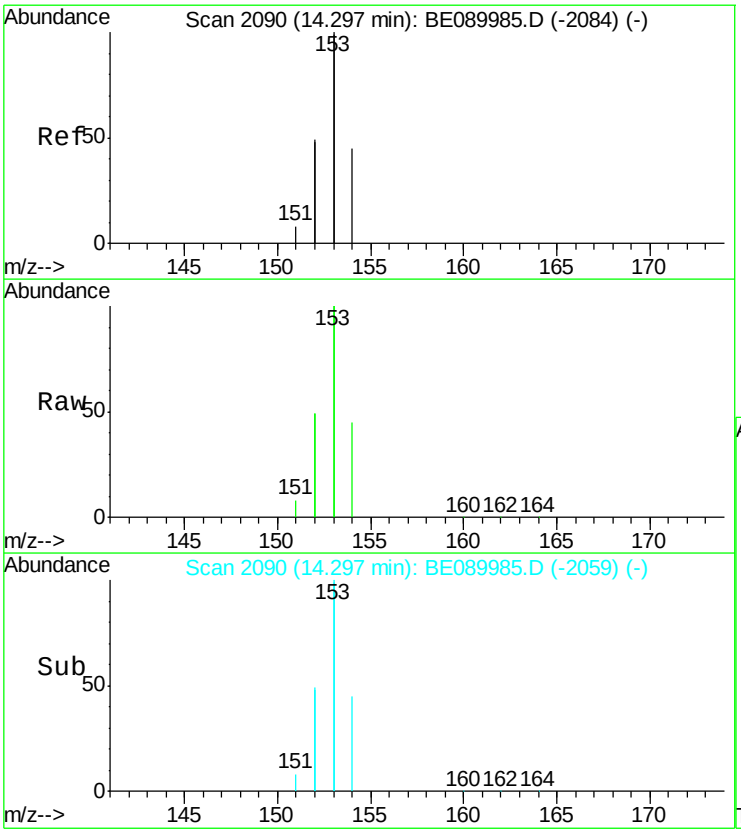
#15
Acenaphthylene
Concen: 0.99 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 90725

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

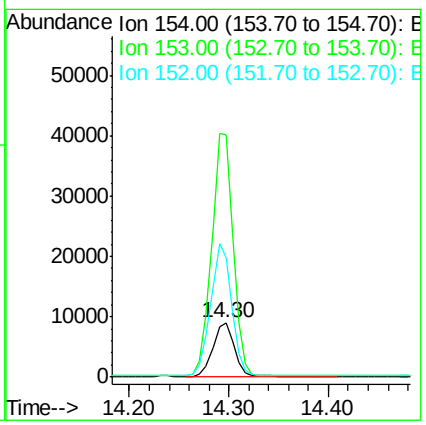


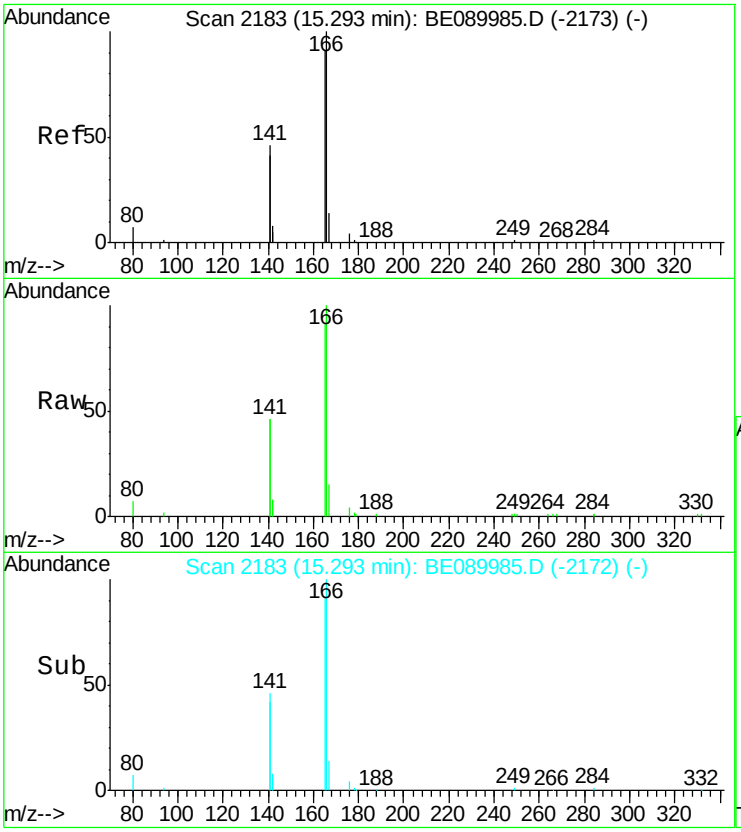


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:154 Resp: 13283

Ion	Ratio	Lower	Upper
154	100		
153	448.3	358.6	538.0
152	237.0	189.6	284.4



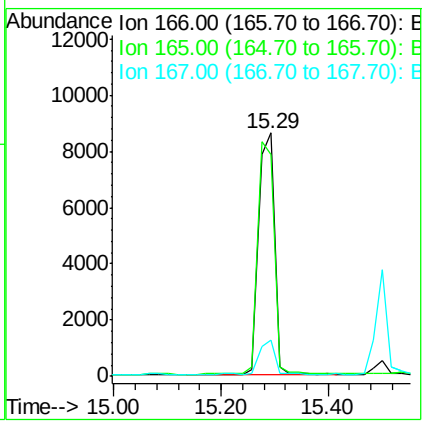


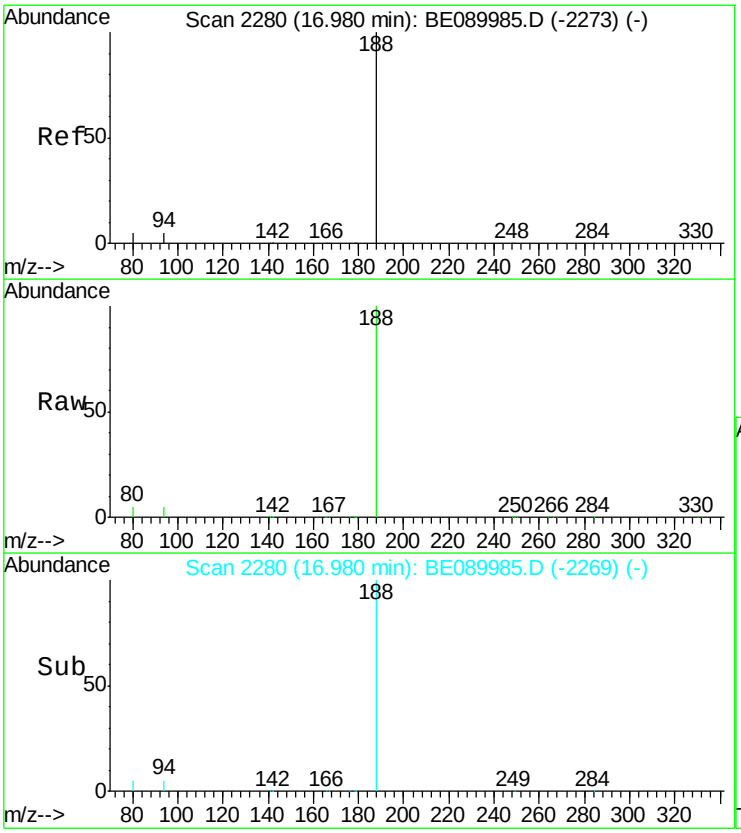
#17
Fluorene
Concen: 0.98 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:166 Resp: 17859

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	14.8	11.8	17.8

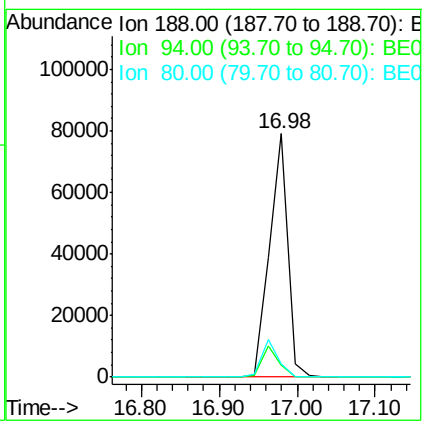


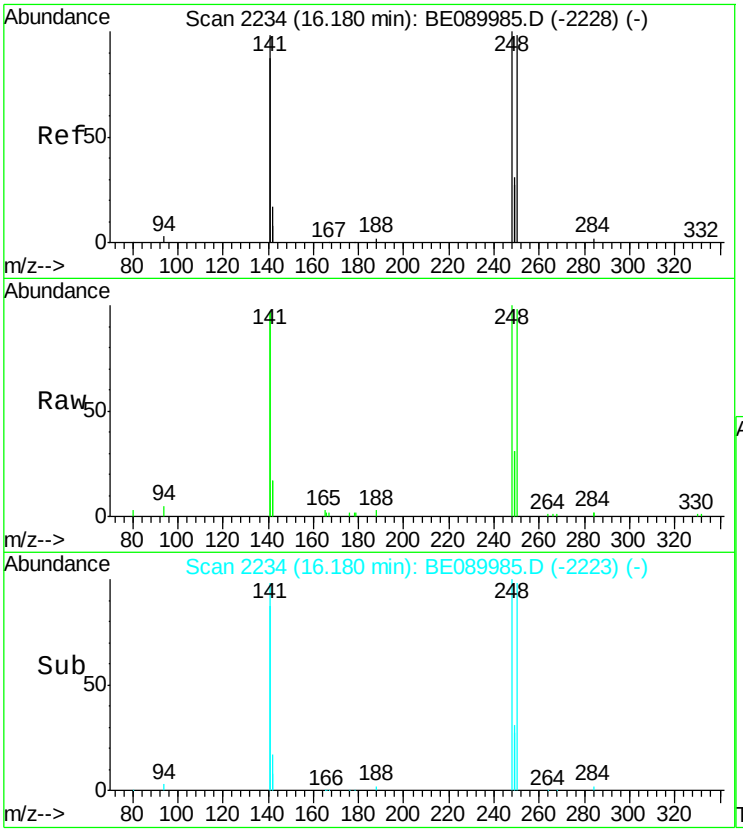


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:188 Resp: 128935

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.1	6.1
80	5.2	4.2	6.2



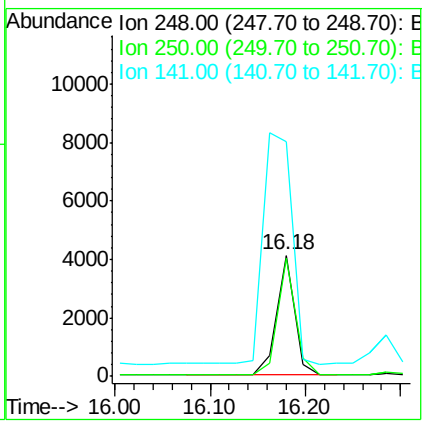


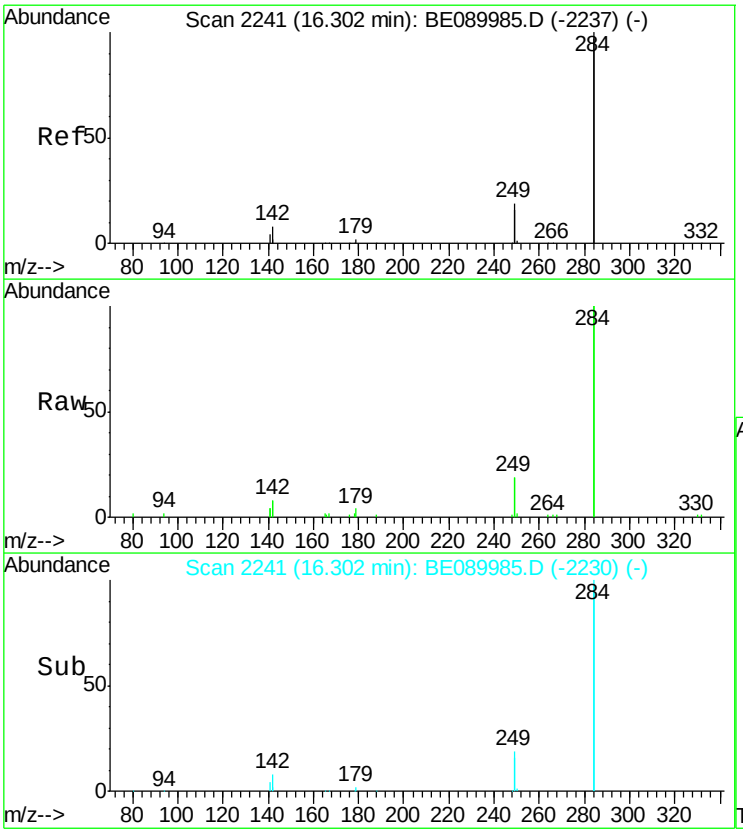
#19
4-Bromophenyl-phenylether
Concen: 1.00 ng
RT: 16.18 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:248 Resp: 5358

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	308.9	248.1	372.1

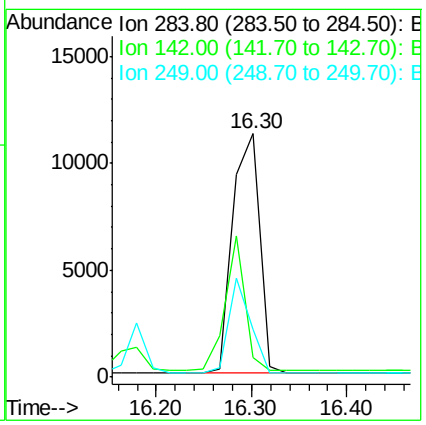


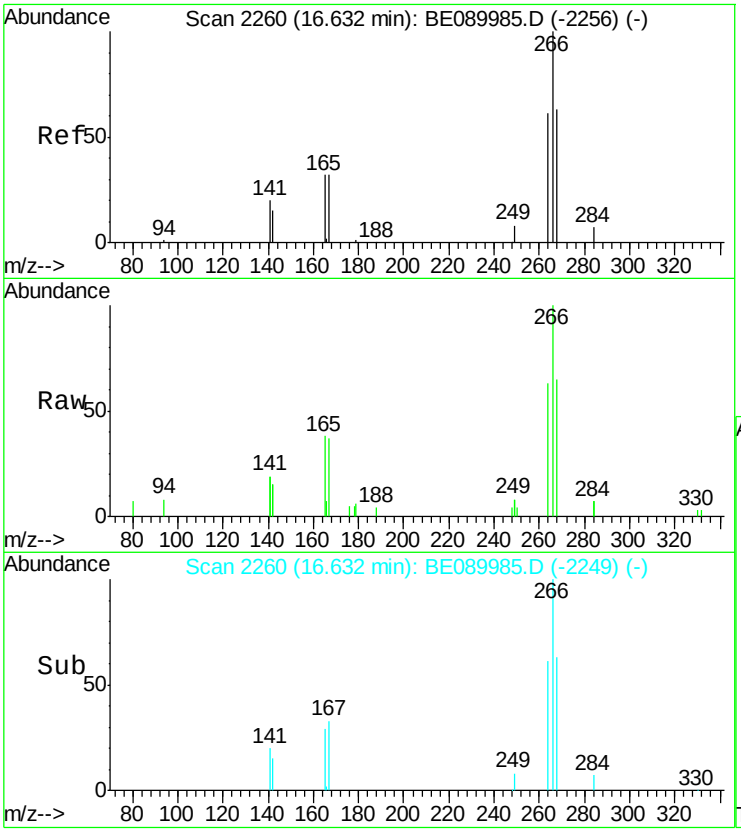


#20
Hexachlorobenzene
Concen: 0.95 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:284 Resp: 21942

Ion	Ratio	Lower	Upper
284	100		
142	40.8	32.6	49.0
249	31.9	25.5	38.3



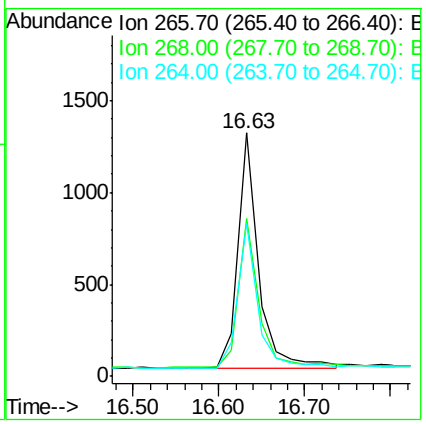


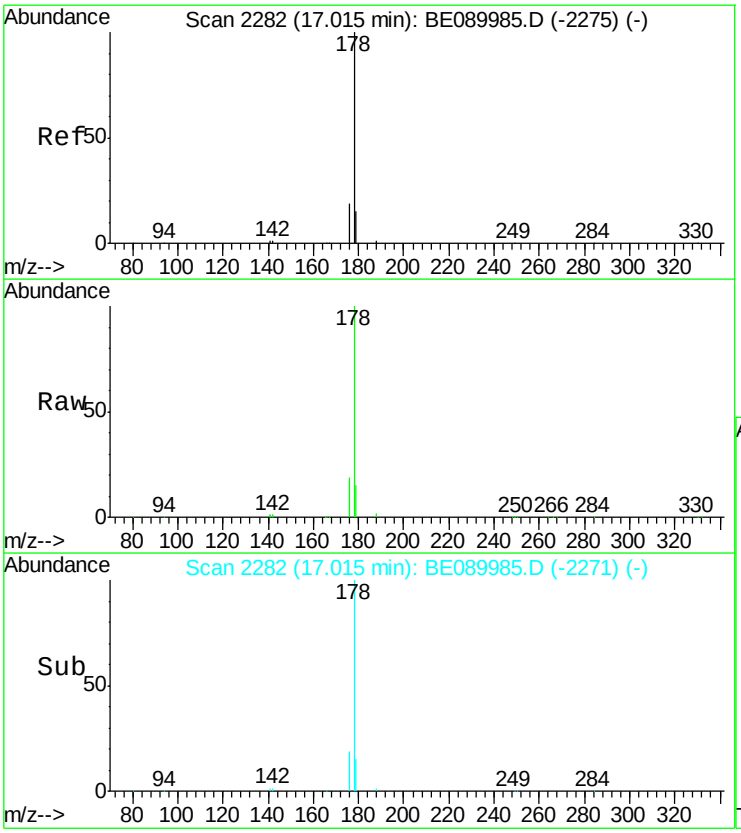
#21
Pentachlorophenol
Concen: 1.96 ng
RT: 16.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 2094

Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.8	77.8
264	62.7	50.2	75.2

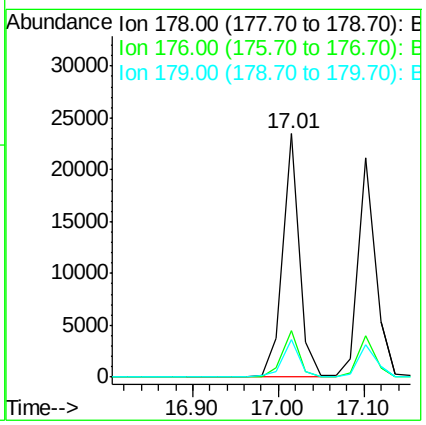


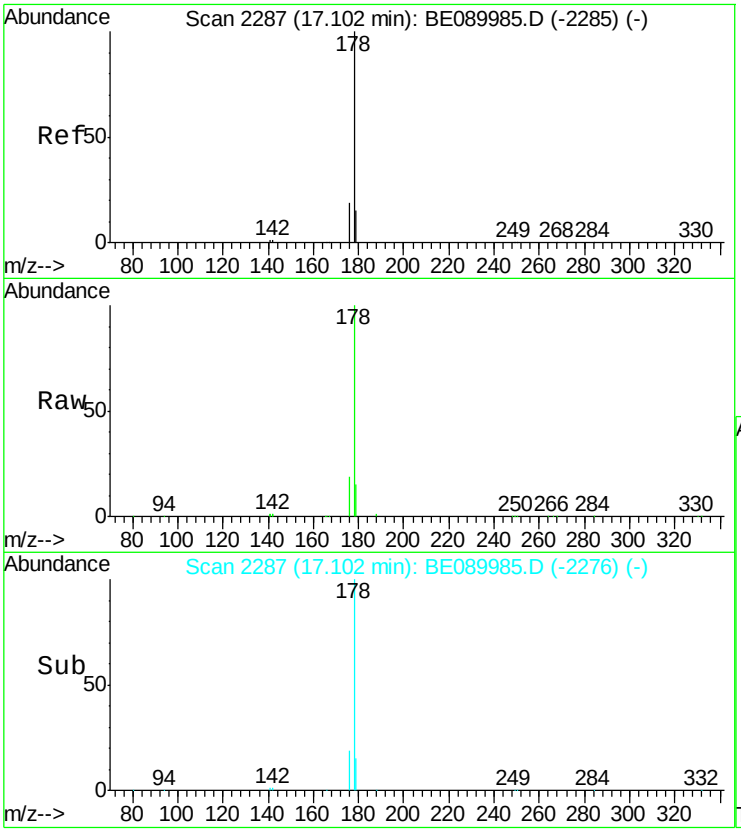


#22
Phenanthrene
Concen: 0.98 ng
RT: 17.01 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:178 Resp: 32055

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6



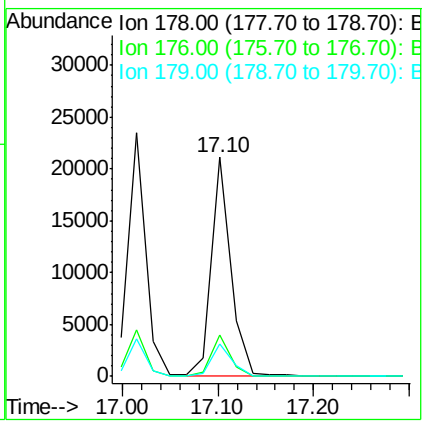


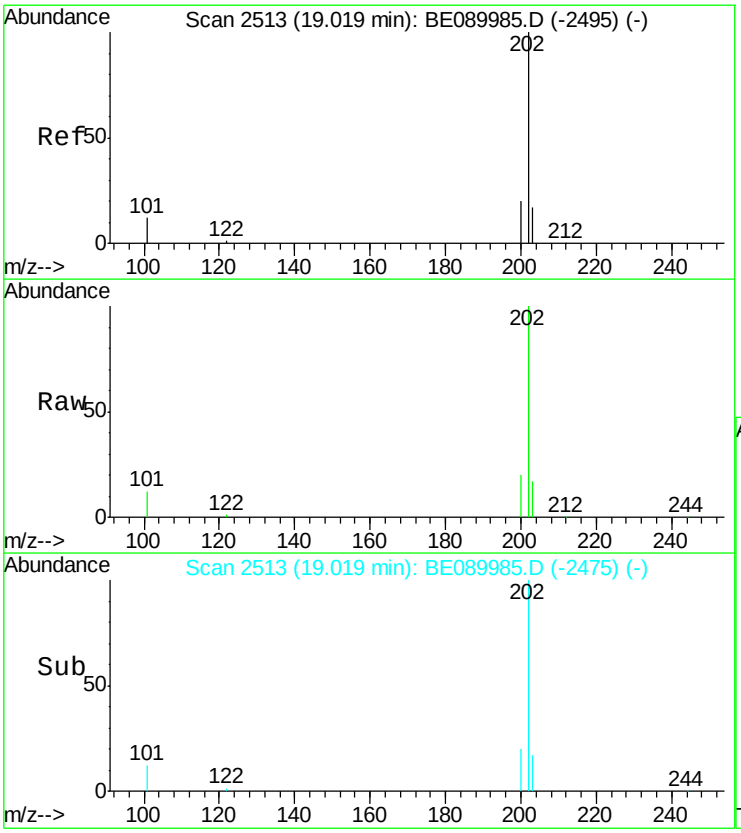
#23
Anthracene
Concen: 0.98 ng
RT: 17.10 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 29649

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.0	12.1	18.1

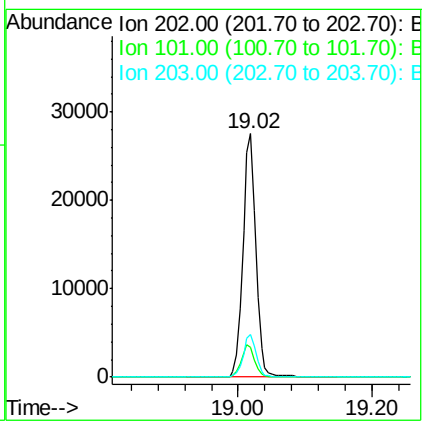


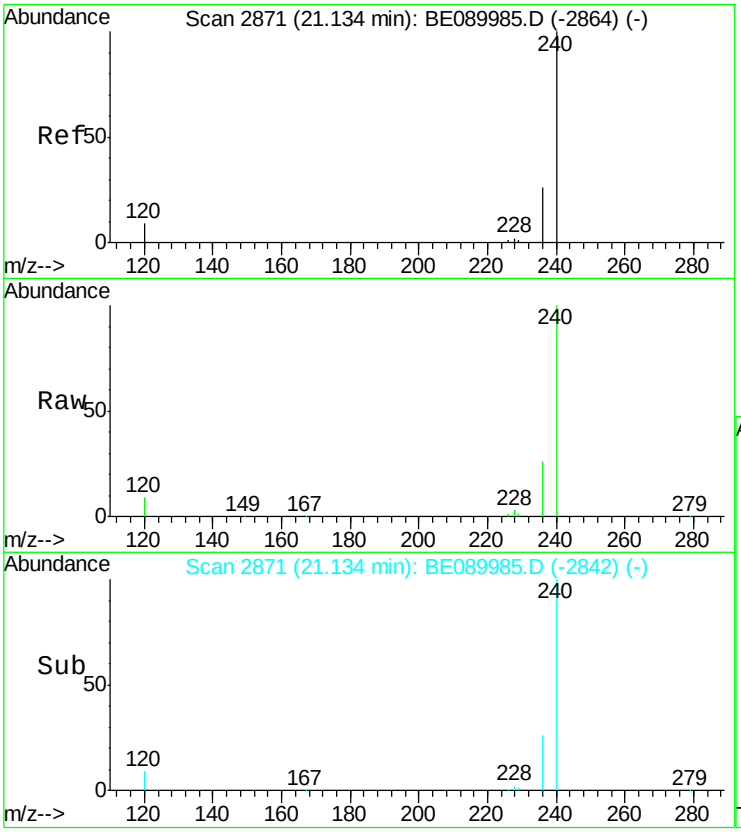


#24
Fluoranthene
Concen: 1.01 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:202 Resp: 36164

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
203	17.2	13.8	20.6



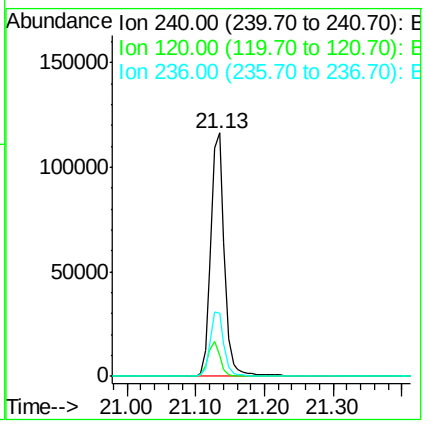


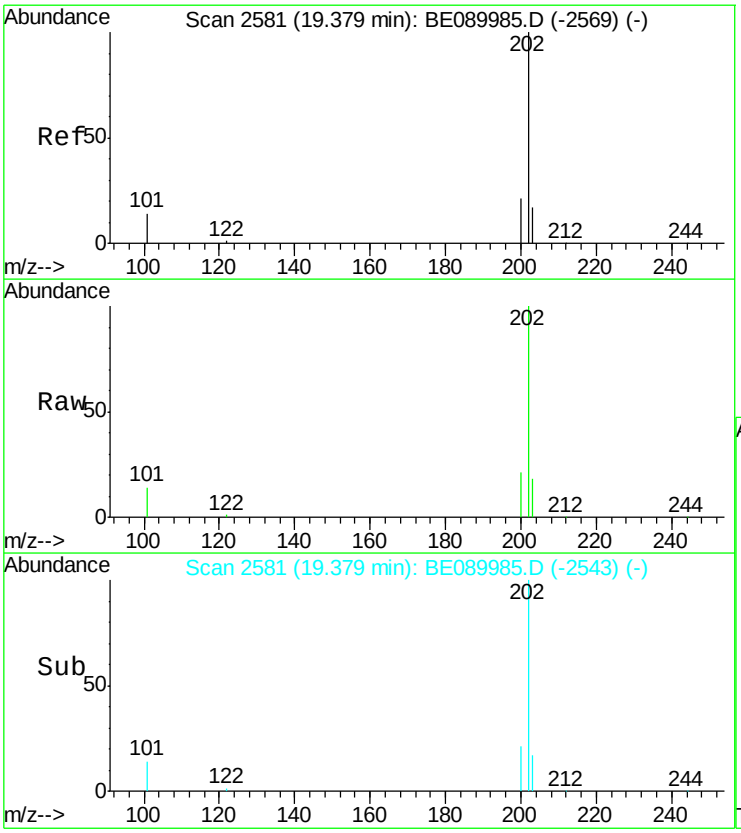
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 159817

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.0	20.8	31.2

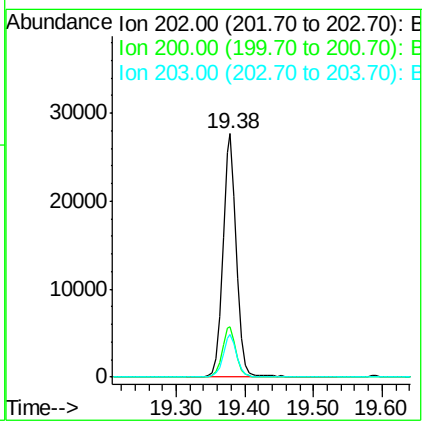


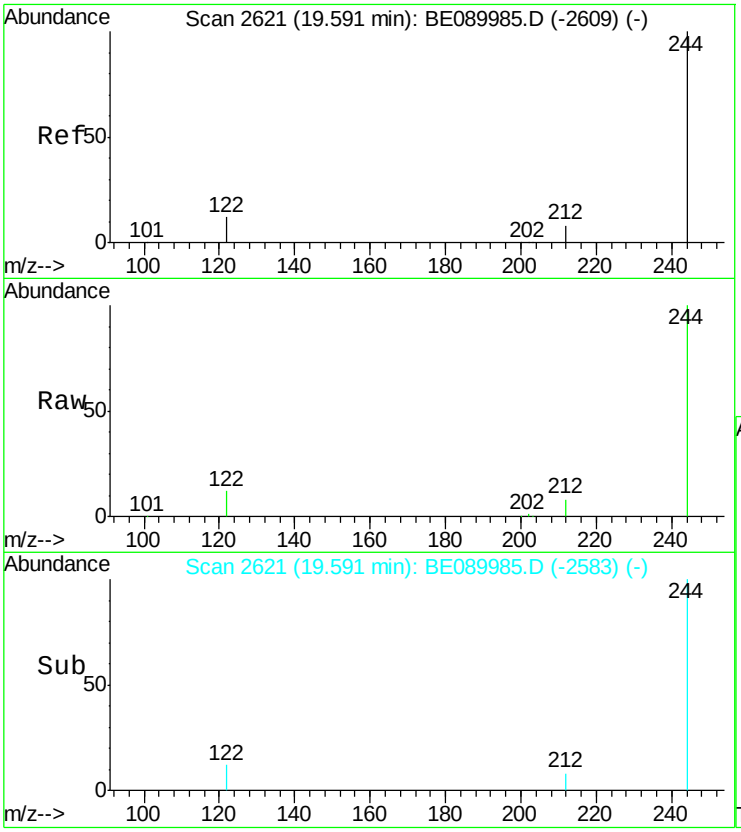


#26
Pyrene
Concen: 0.93 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:202 Resp: 37429

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.4	13.9	20.9



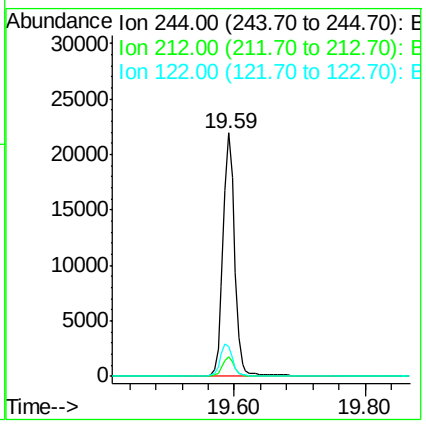


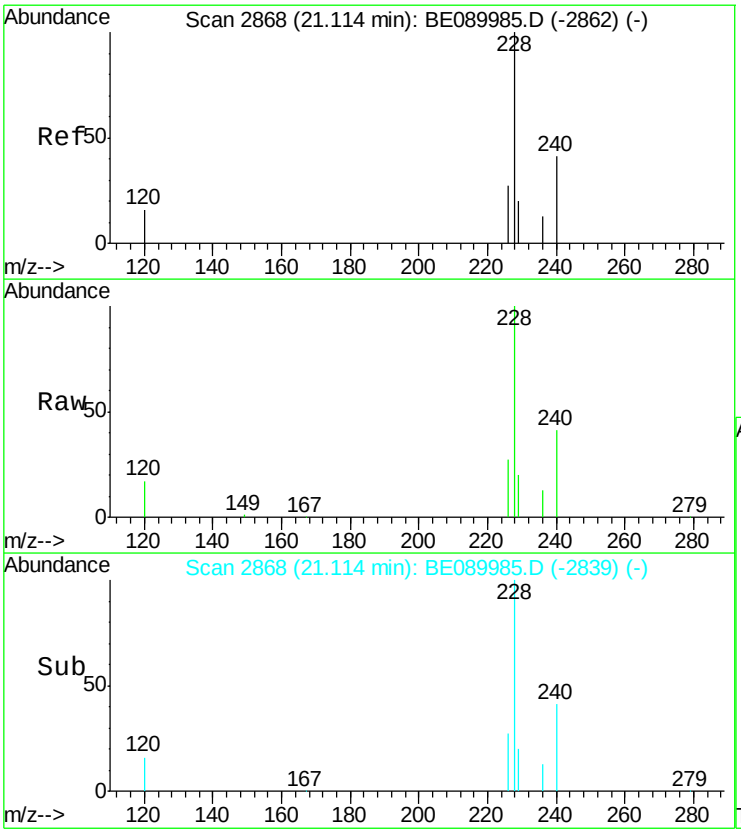
#27
Terphenyl-d14
Concen: 0.96 ng
RT: 19.59 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 26582

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	12.3	9.8	14.8

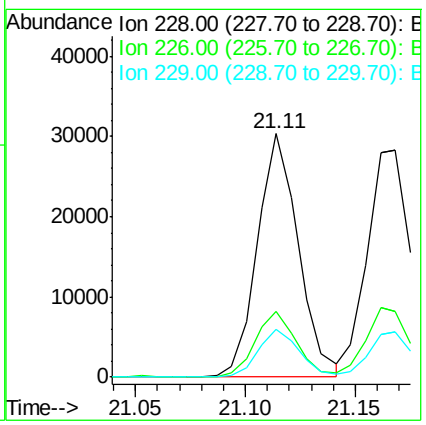


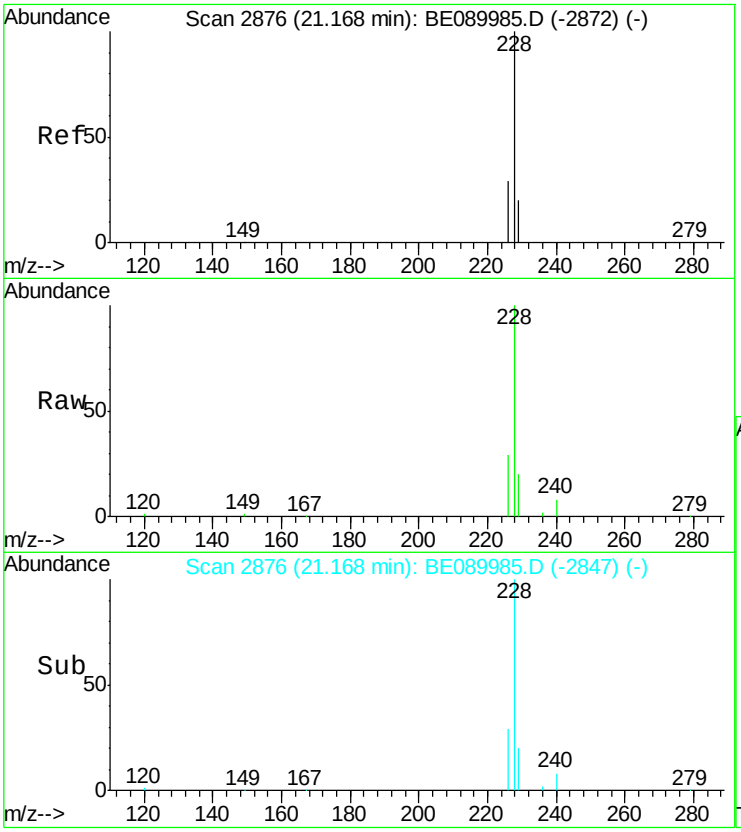


#28
Benzo(a)anthracene
Concen: 1.01 ng
RT: 21.11 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:228 Resp: 39021

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.6
229	19.7	15.8	23.6



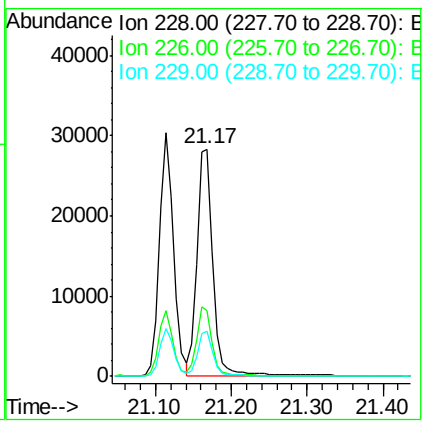


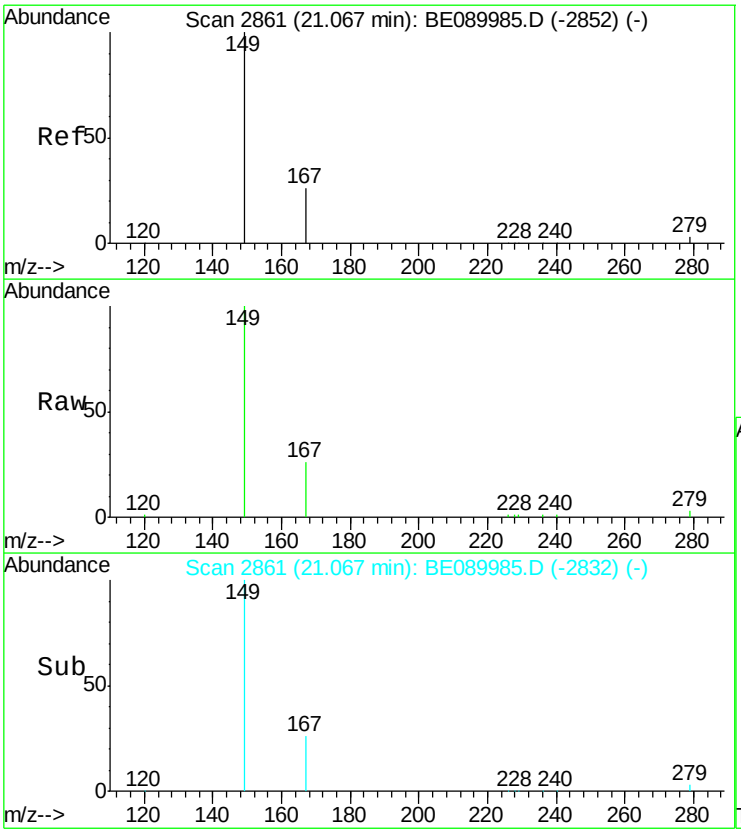
#29
Chrysene
Concen: 0.97 ng
RT: 21.17 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 40942

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	20.2	16.2	24.2

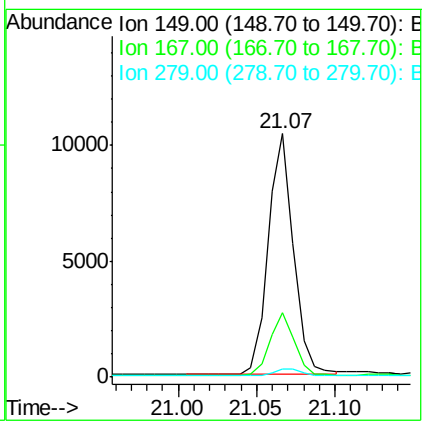


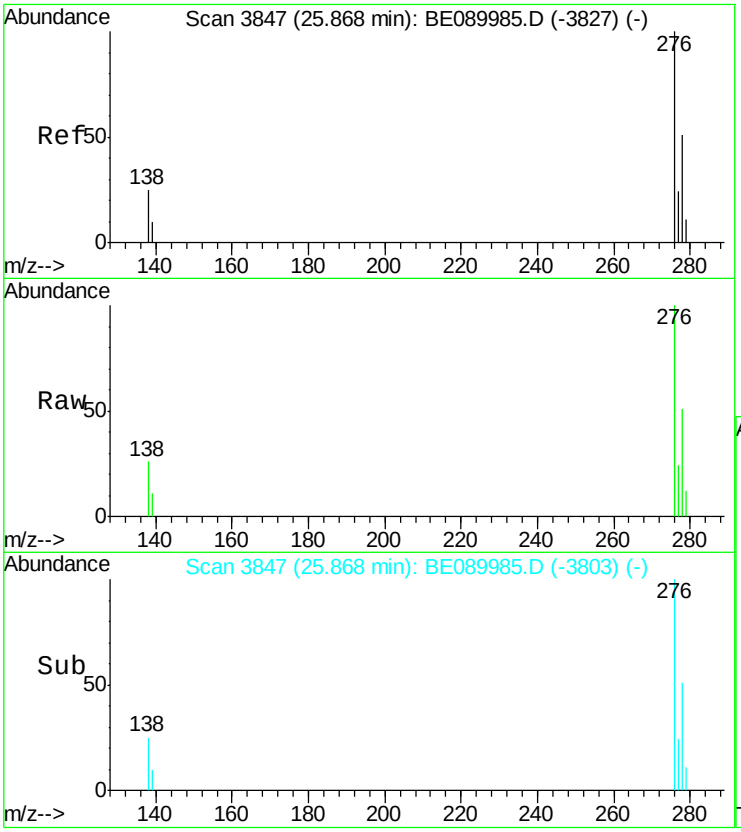


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.46 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:149 Resp: 11691

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



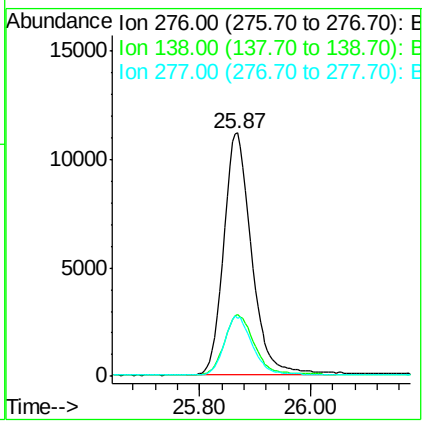


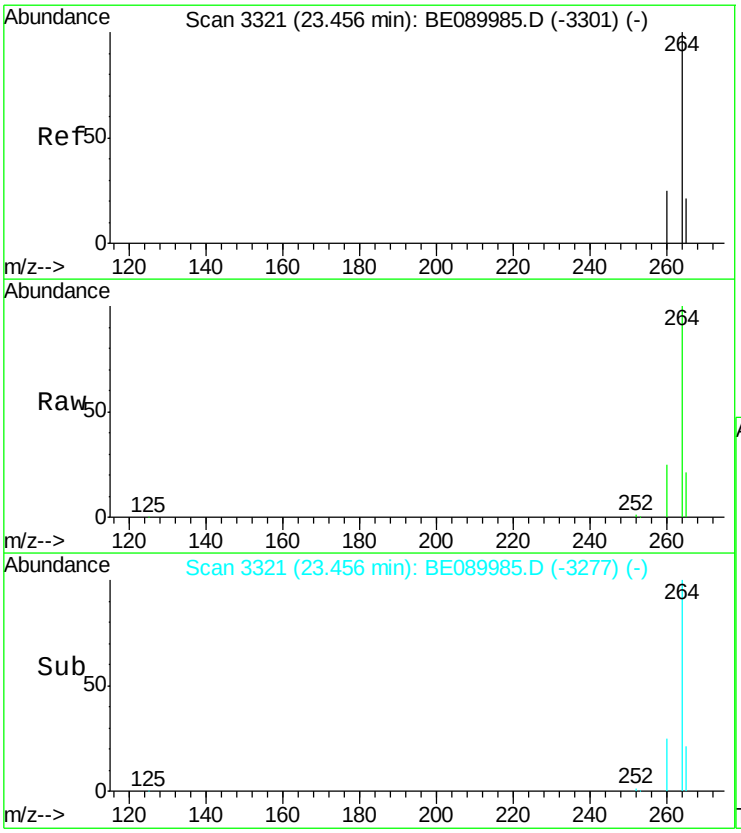
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.22 ng
RT: 25.87 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 39084

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.3	31.9
277	24.6	19.7	29.5

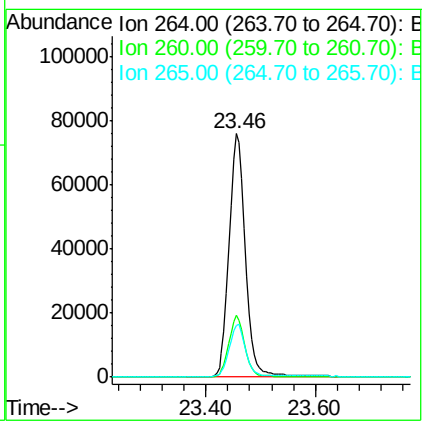


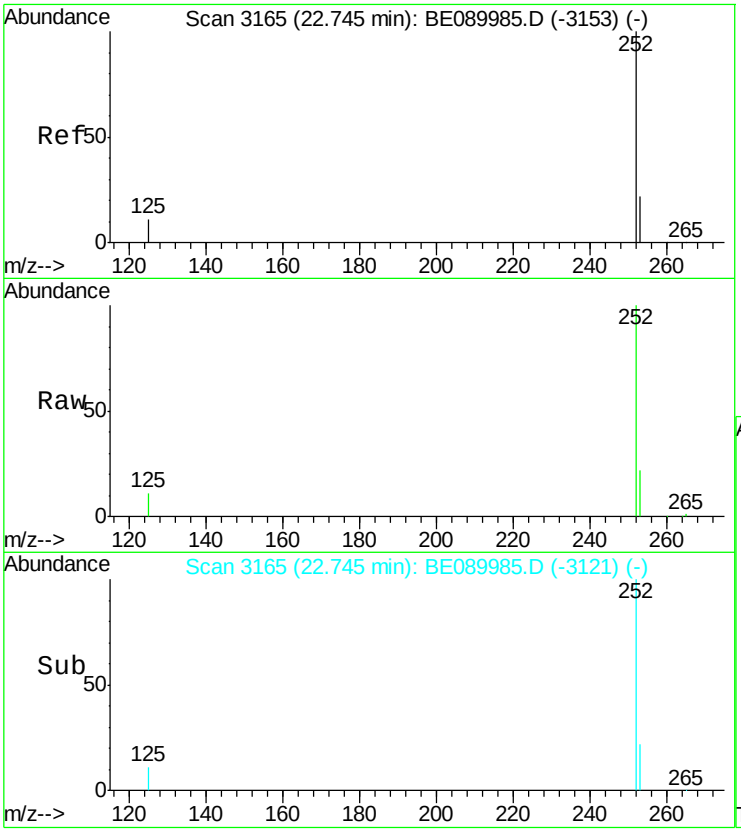


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:264 Resp: 154962

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	21.4	17.1	25.7



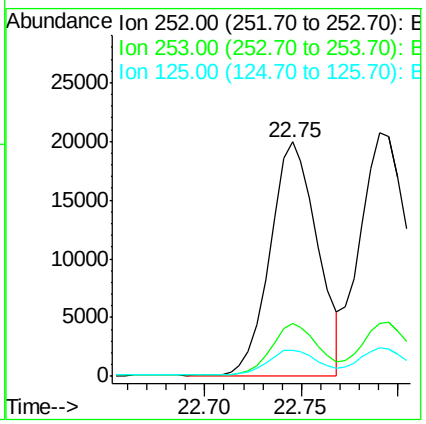


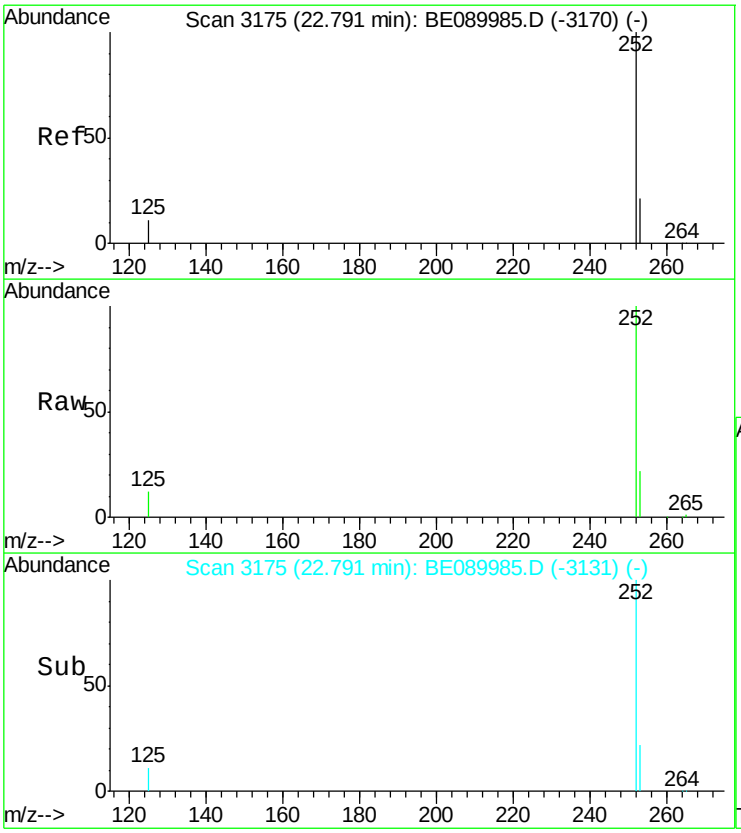
#33
Benzo(b)fluoranthene
Concen: 1.02 ng
RT: 22.75 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 33945

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.2	9.0	13.4

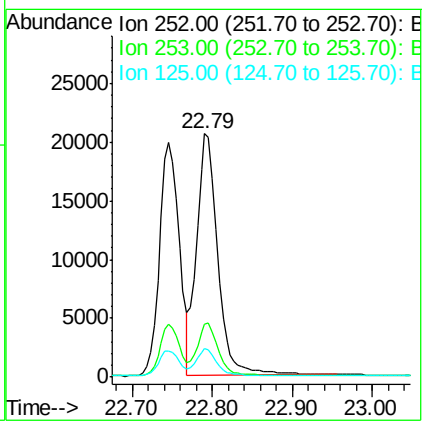


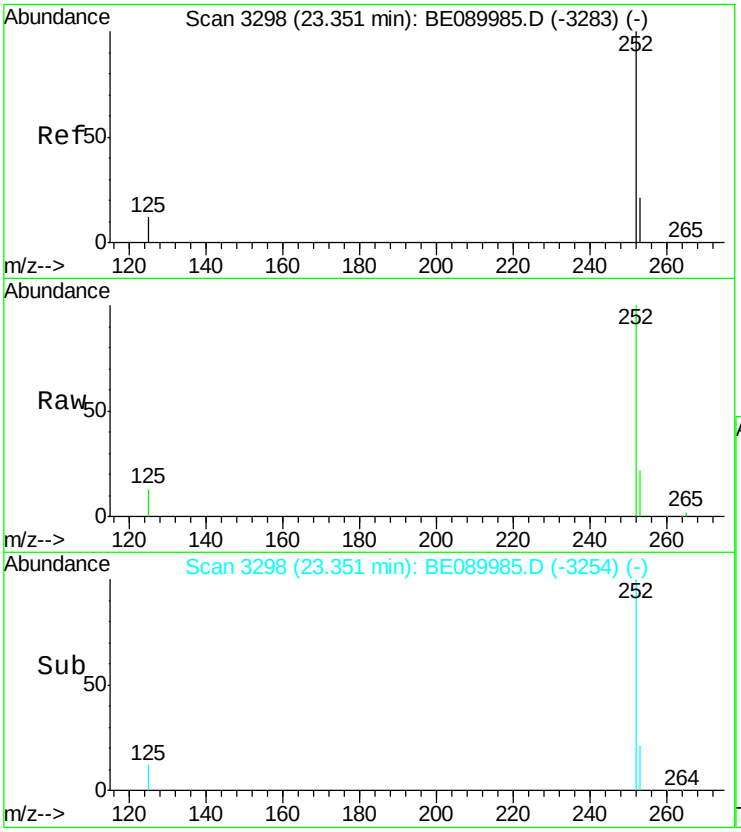


#34
Benzo(k)fluoranthene
Concen: 1.01 ng
RT: 22.79 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:252 Resp: 38102

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.9	9.5	14.3



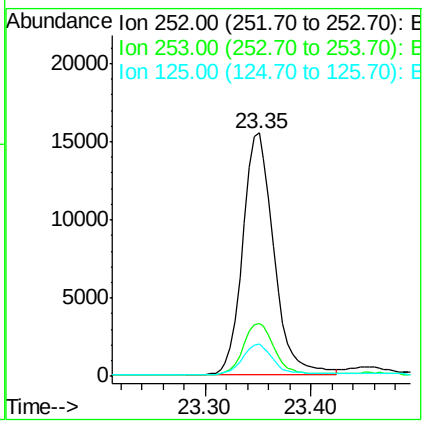


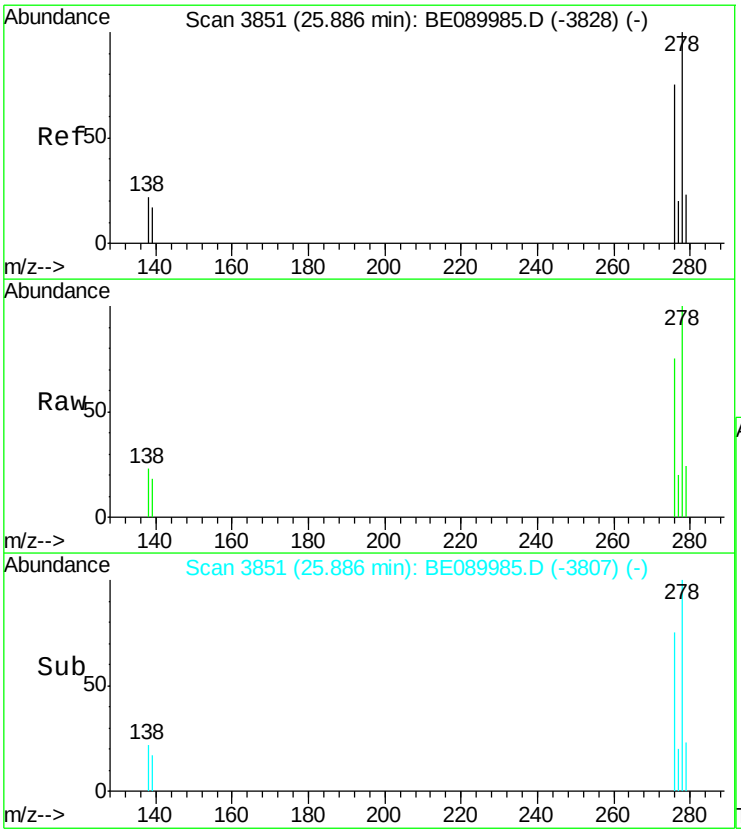
#35
Benzo(a)pyrene
Concen: 1.06 ng
RT: 23.35 min Scan# 3298
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 31475

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	13.1	10.5	15.7

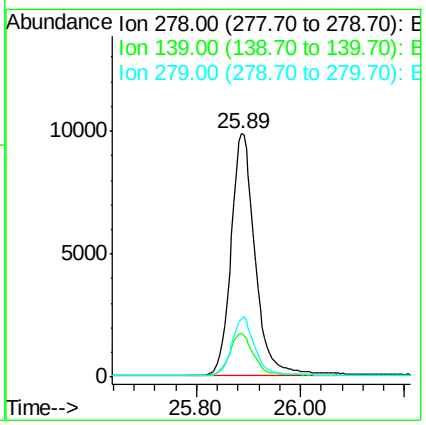


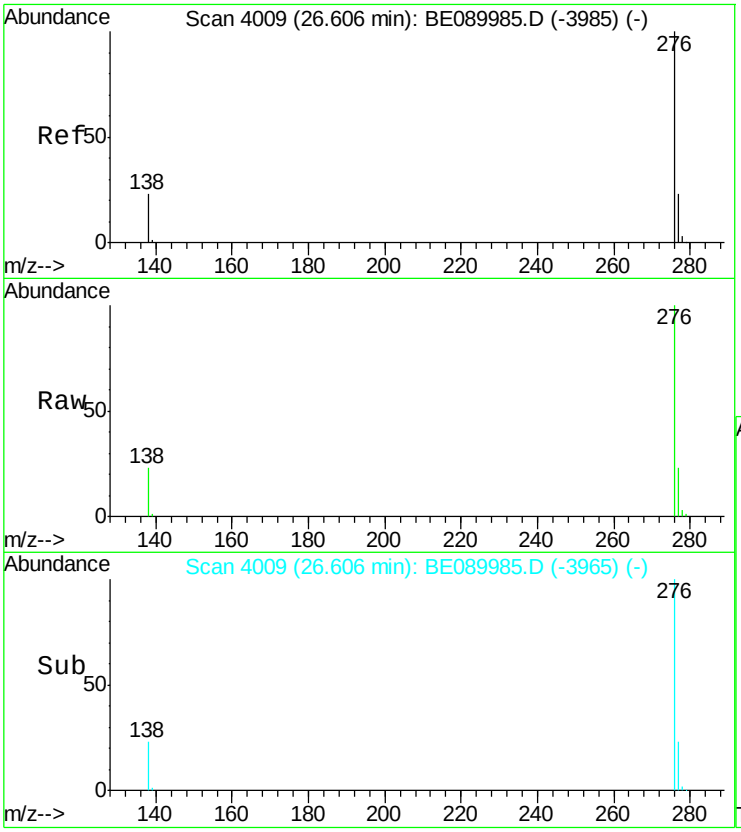


#36
Dibenzo(a,h)anthracene
Concen: 1.14 ng
RT: 25.89 min Scan# 3851
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Tgt Ion:278 Resp: 31835

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.4	21.6
279	23.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.09 ng
RT: 26.61 min Scan# 4009
Delta R.T. 0.00 min
Lab File: BE089985.D
Acq: 29 Jun 2015 16:09

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:276 Resp: 32480

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.2	18.6	27.8