Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089983.D
Acq On : 29 Jun 2015 14:57
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC005

Quant Time: Jun 30 06:05:38 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	26119	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	114007	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	68157	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	168244	5.00	ng	0.00
25) Chrysene-d12	21.13	240	209191	5.00	ng	0.00
32) Perylene-d12	23.46	264	205456	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	29776	6.07	ng	0.00
5) Phenol-d6	6.80	99	42359	5.71	ng	0.00
7) Nitrobenzene-d5	8.76	82	44361	5.13	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	11417	11.07	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	94072	4.67	ng	0.00
27) Terphenyl-d14	19.59	244	164333	4.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	15741	4.39	ng	99
3) n-Nitrosodimethylamine	3.53	42	22656	4.78	ng	98
8) Nitrobenzene	8.80	77	47623	5.19	ng	98
9) Naphthalene	10.43	128	116613	4.56	ng	99
10) Hexachlorobutadiene	10.72	225	18002	4.45	ng	100
11) 2-Methylnaphthalene	12.04	142	80401	4.60	ng	98
15) Acenaphthylene	13.95	152	582091	4.83	ng	100
16) Acenaphthene	14.30	154	82239	4.66	ng	98
17) Fluorene	15.29	166	109665	4.56	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	32093	4.60	ng	96
20) Hexachlorobenzene	16.30	284	131974	4.36	ng	99
21) Pentachlorophenol	16.63	266	17012	12.21	ng	95
22) Phenanthrene	17.01	178	195600	4.58	ng	100
23) Anthracene	17.10	178	182923	4.62	ng	99
24) Fluoranthene	19.02	202	225146	4.84	ng	99
26) Pyrene	19.38	202	235004	4.45	ng	100
28) Benzo(a)anthracene	21.11	228	244659	4.83	ng	100
29) Chrysene	21.17	228	248155	4.49	ng	100
30) Bis(2-ethylhexyl)phthalate	21.07	149	112623	18.13	ng	99
31) Indeno(1,2,3-cd)pyrene	25.87	276	275232	6.58	ng	99
33) Benzo(b)fluoranthene	22.75	252	224588	5.11	ng	99
34) Benzo(k)fluoranthene	22.80	252	248180	4.98	ng	99
35) Benzo(a)pyrene	23.35	252	216470	5.50	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	225596	6.09	ng	100
37) Benzo(g,h,i)perylene	26.61	276	224680	5.69	ng	99

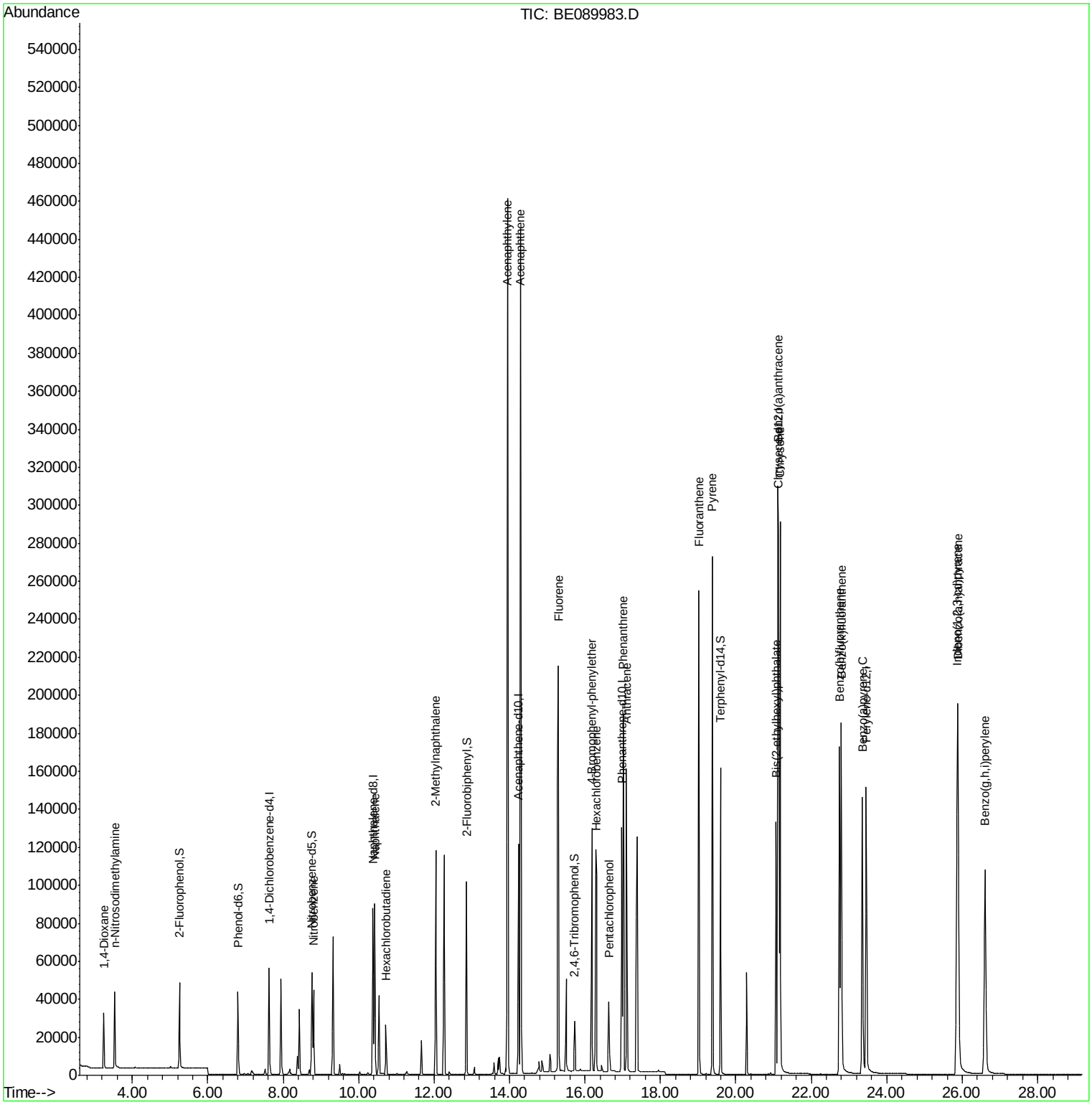
(#) = qualifier out of range (m) = manual integration (+) = signals summed

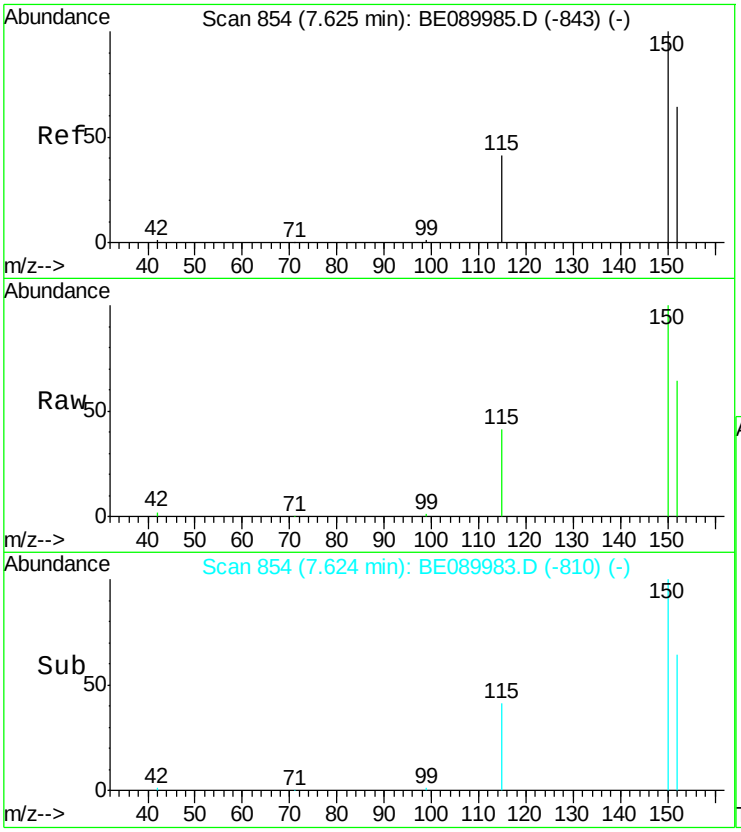
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089983.D
Acq On : 29 Jun 2015 14:57
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Quant Time: Jun 30 06:05:38 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



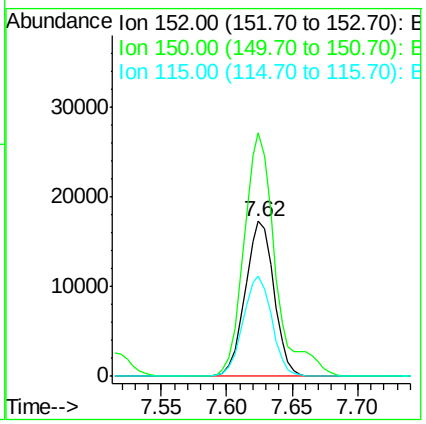


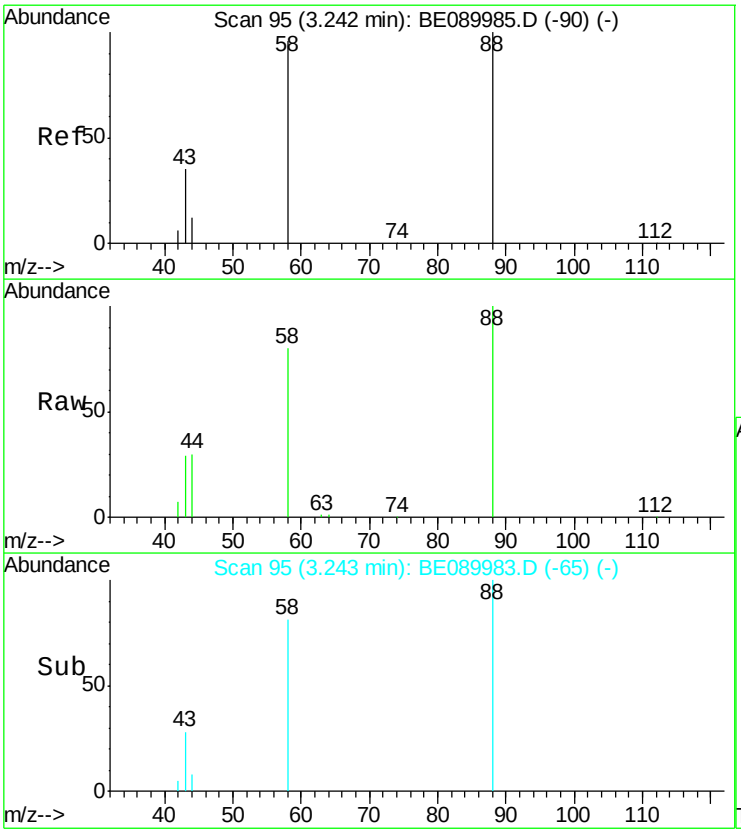
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 854
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 26119

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.9	185.9
115	64.6	50.6	76.0

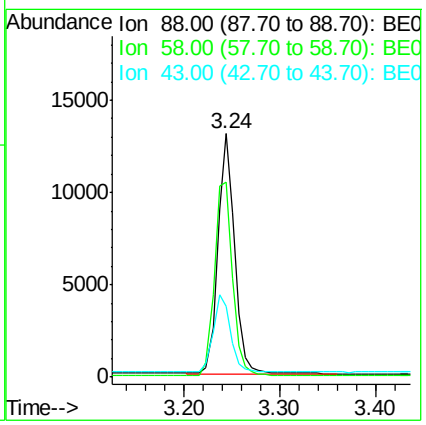


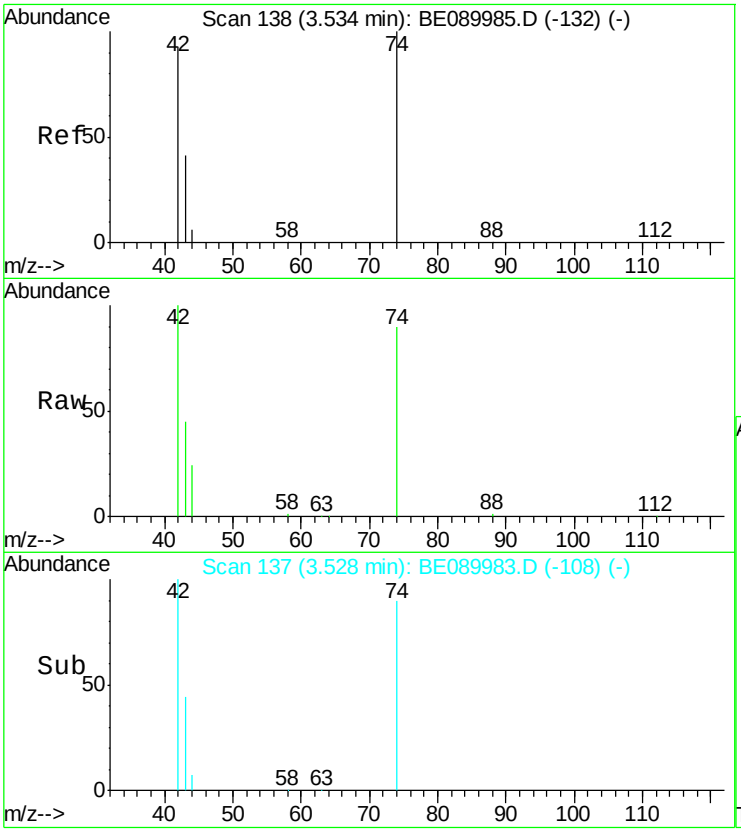


#2
1,4-Dioxane
Concen: 4.39 ng
RT: 3.24 min Scan# 95
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion: 88 Resp: 15741

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.9	106.3
43	33.0	27.6	41.4



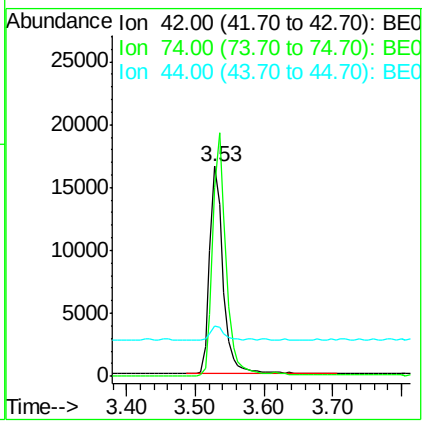


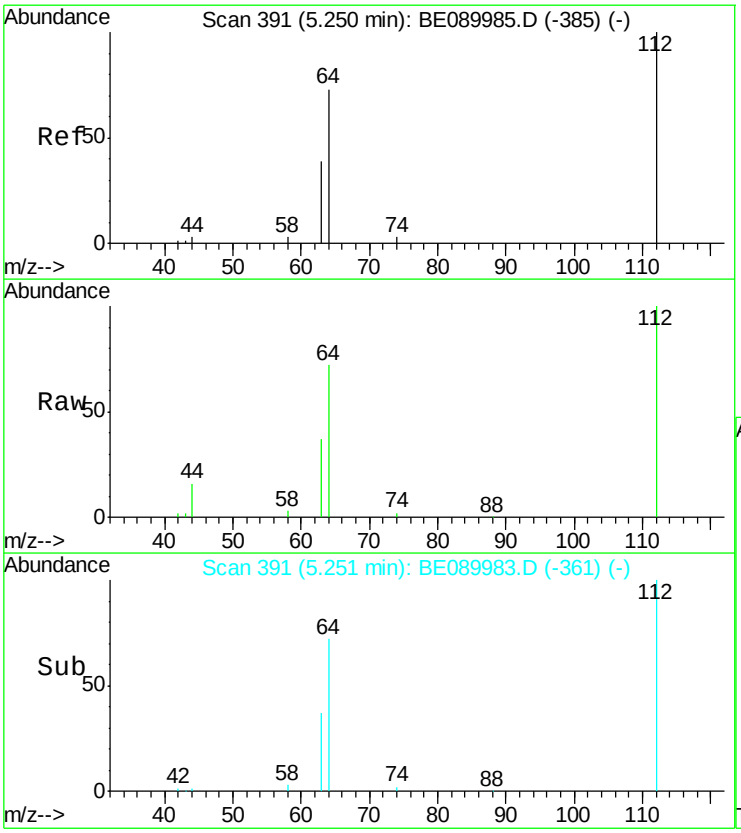
#3
n-Nitrosodimethylamine
Concen: 4.78 ng
RT: 3.53 min Scan# 137
Delta R.T. -0.01 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 42 Resp: 22656

Ion	Ratio	Lower	Upper
42	100		
74	113.5	89.4	134.2
44	7.2	6.9	10.3

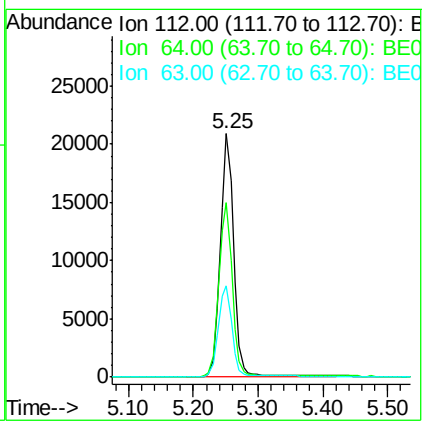


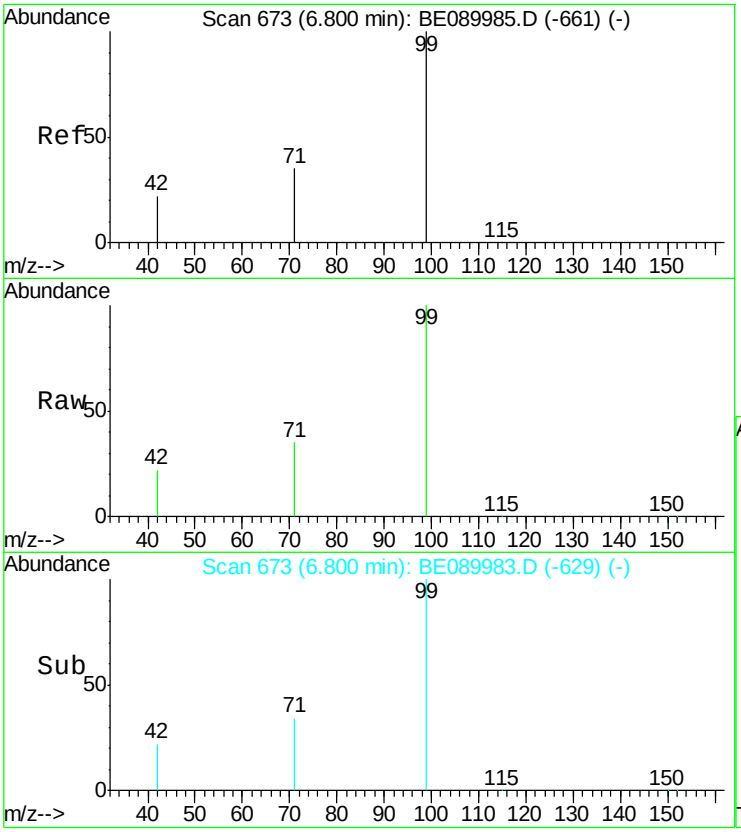


#4
2-Fluorophenol
Concen: 6.07 ng
RT: 5.25 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:112 Resp: 29776

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.3	84.5
63	37.9	29.8	44.6



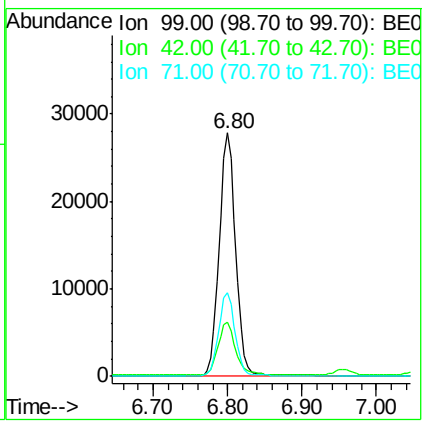


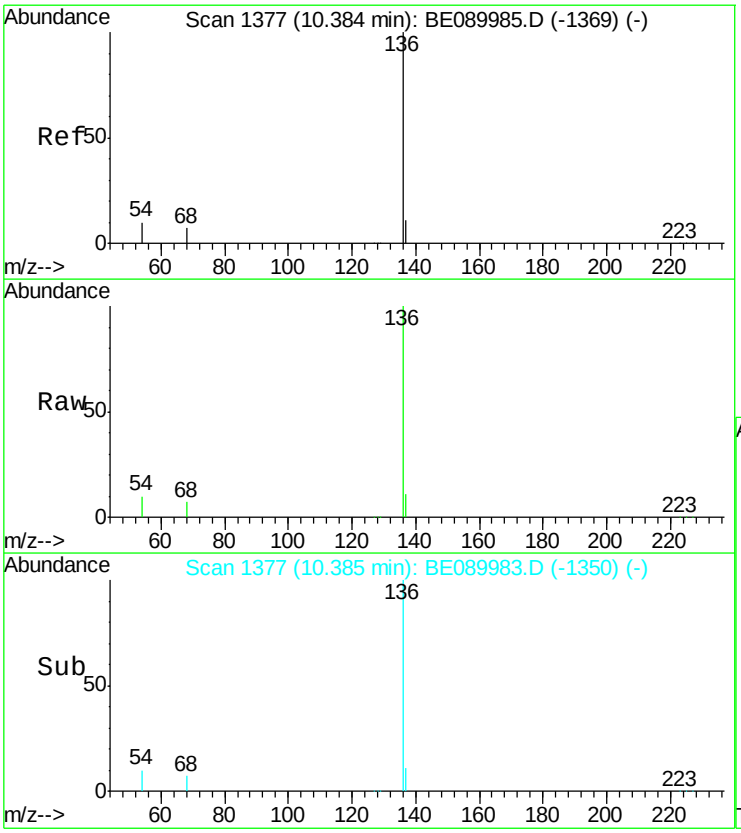
#5
Phenol-d6
Concen: 5.71 ng
RT: 6.80 min Scan# 673
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 42359

Ion	Ratio	Lower	Upper
99	100		
42	22.9	18.7	28.1
71	34.3	27.5	41.3

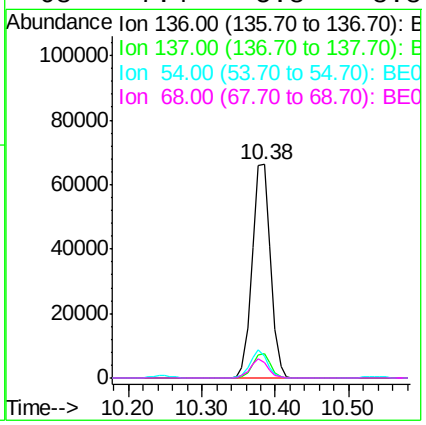


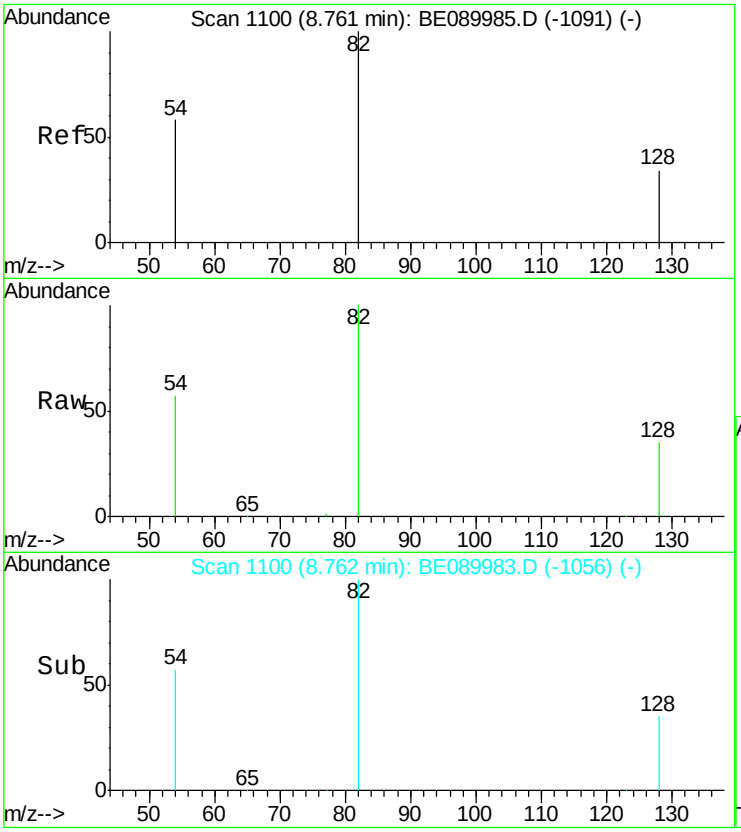


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:136 Resp: 114007

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.1	8.2	12.4
68	7.4	5.8	8.8



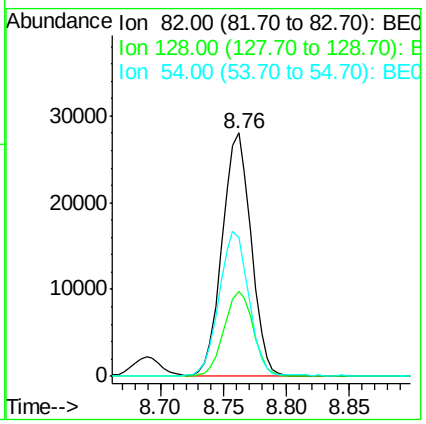


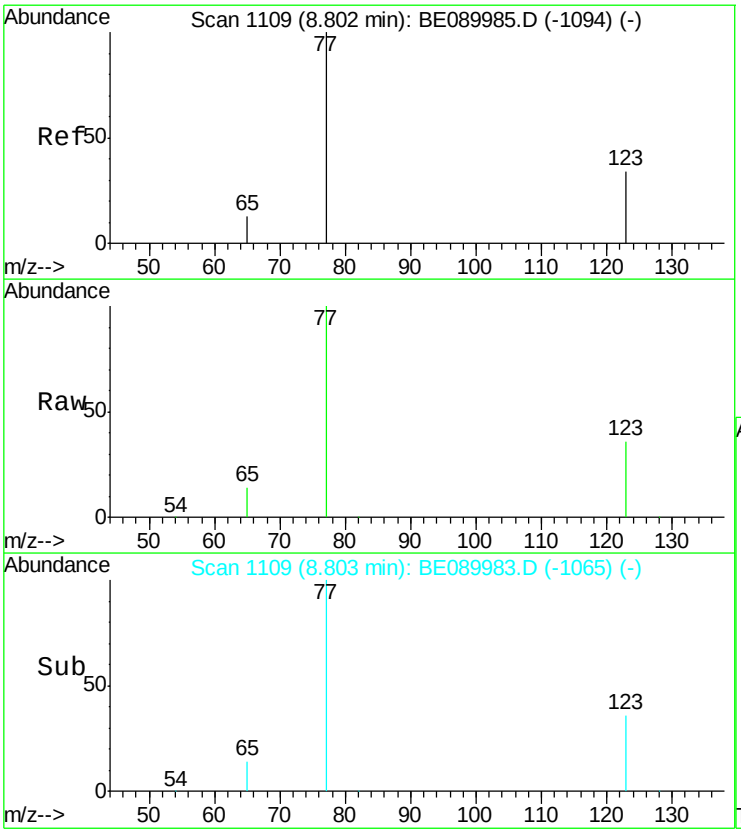
#7
Nitrobenzene-d5
Concen: 5.13 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 44361

Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.0	42.0
54	56.9	47.6	71.4

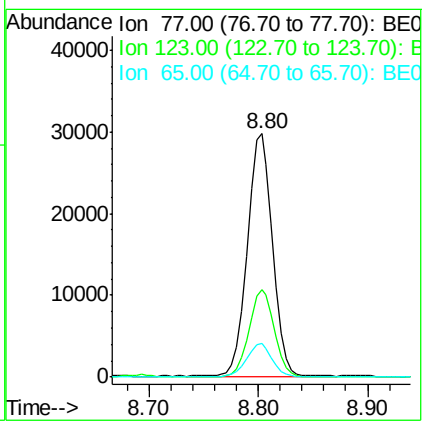


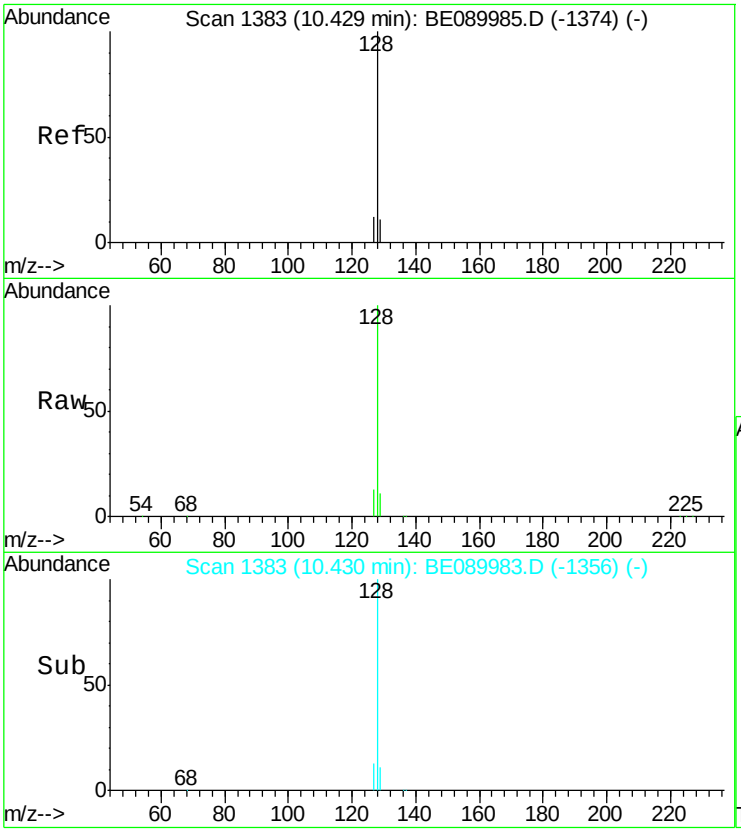


#8
Nitrobenzene
Concen: 5.19 ng
RT: 8.80 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion: 77 Resp: 47623

Ion	Ratio	Lower	Upper
77	100		
123	35.9	27.4	41.0
65	13.5	10.6	15.8



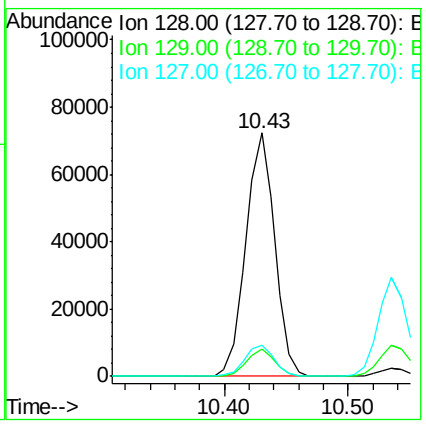


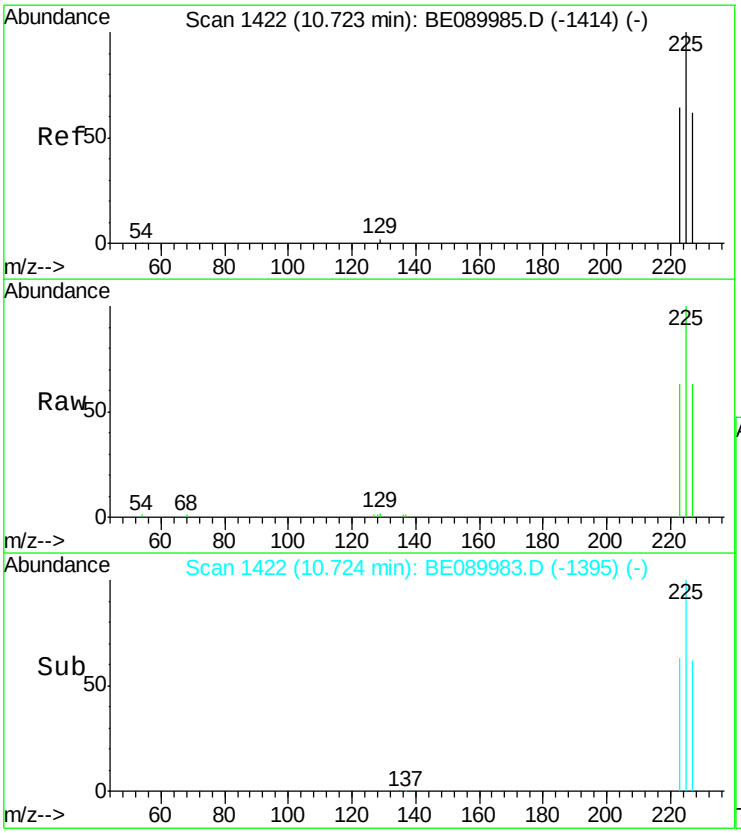
#9
Naphthalene
Concen: 4.56 ng
RT: 10.43 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 116613

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.9	10.2	15.4

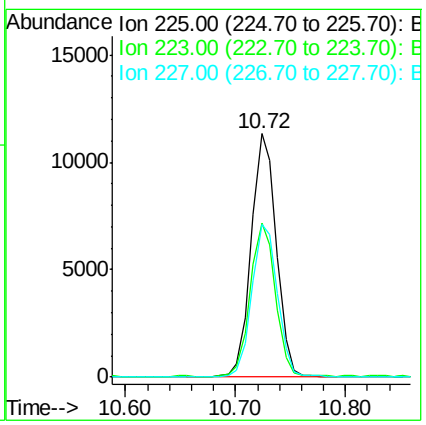


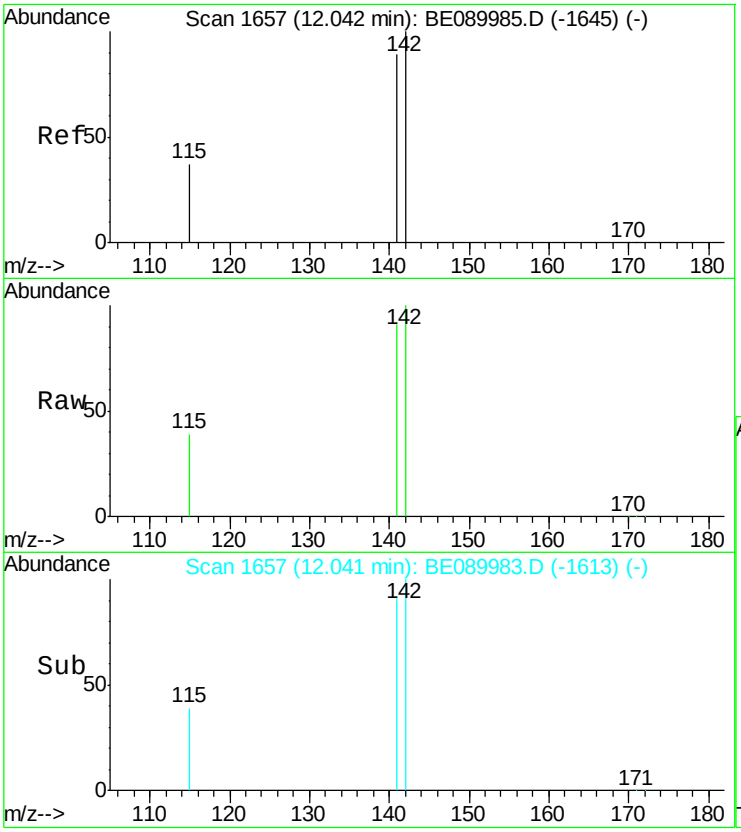


#10
Hexachlorobutadiene
Concen: 4.45 ng
RT: 10.72 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:225 Resp: 18002

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.1	75.1
227	63.4	50.9	76.3



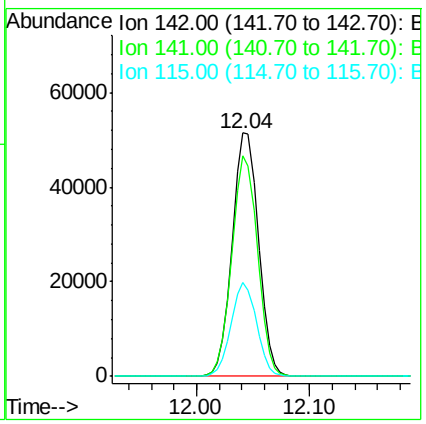


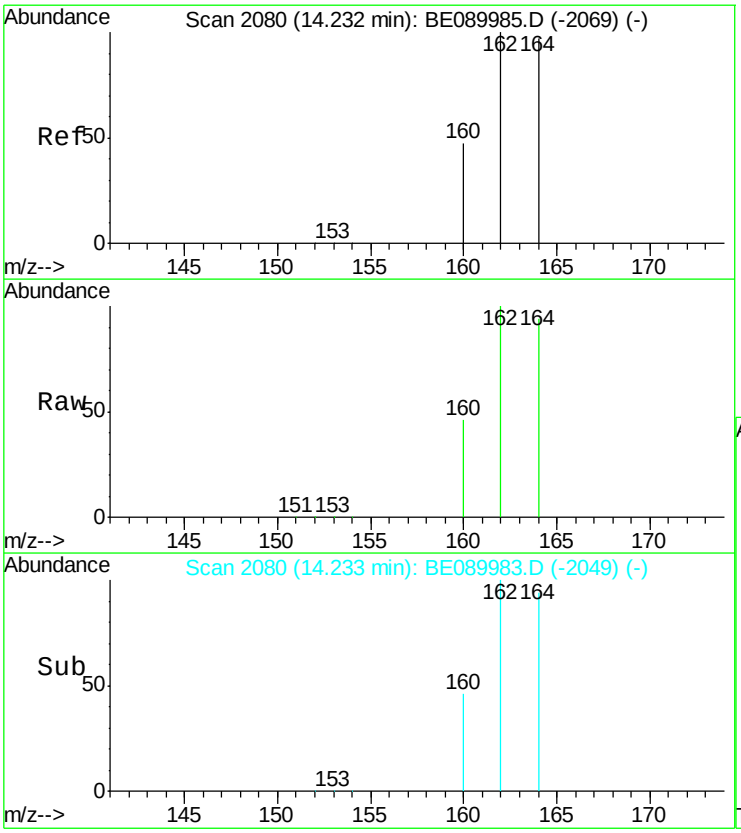
#11
2-Methylnaphthalene
Concen: 4.60 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 80401

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.3	106.9
115	38.8	30.4	45.6

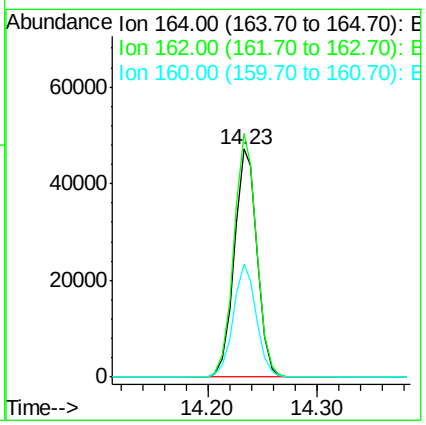


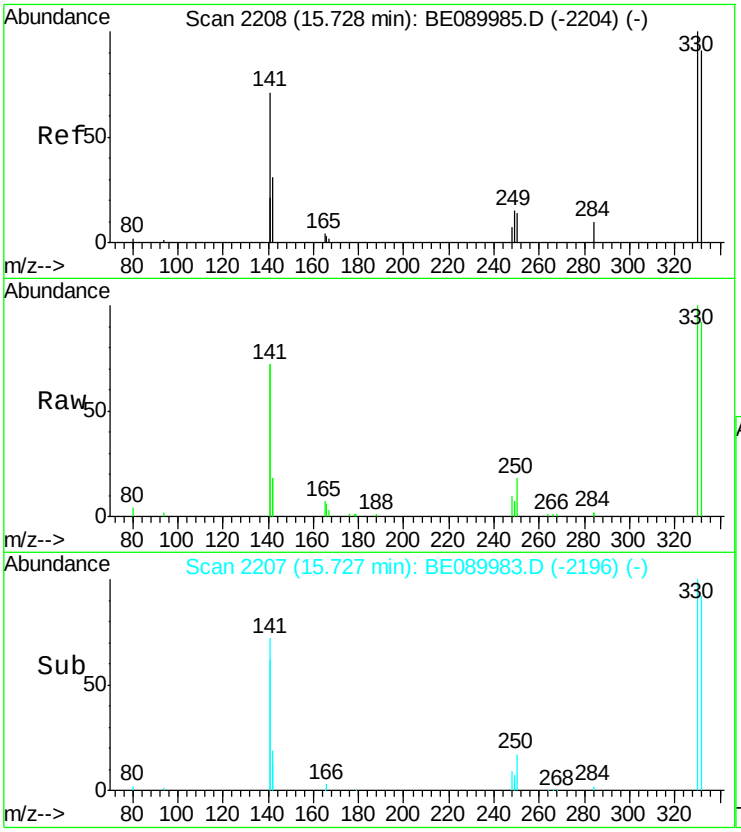


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:164 Resp: 68157

Ion	Ratio	Lower	Upper
164	100		
162	106.8	82.2	123.4
160	49.6	39.0	58.6



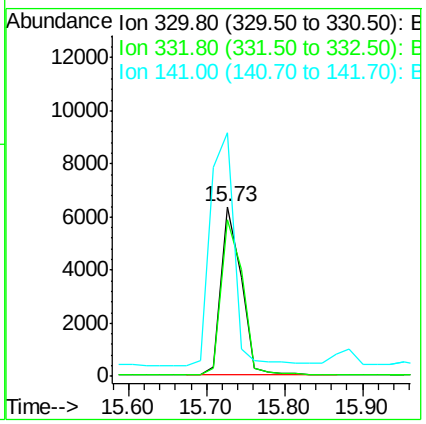


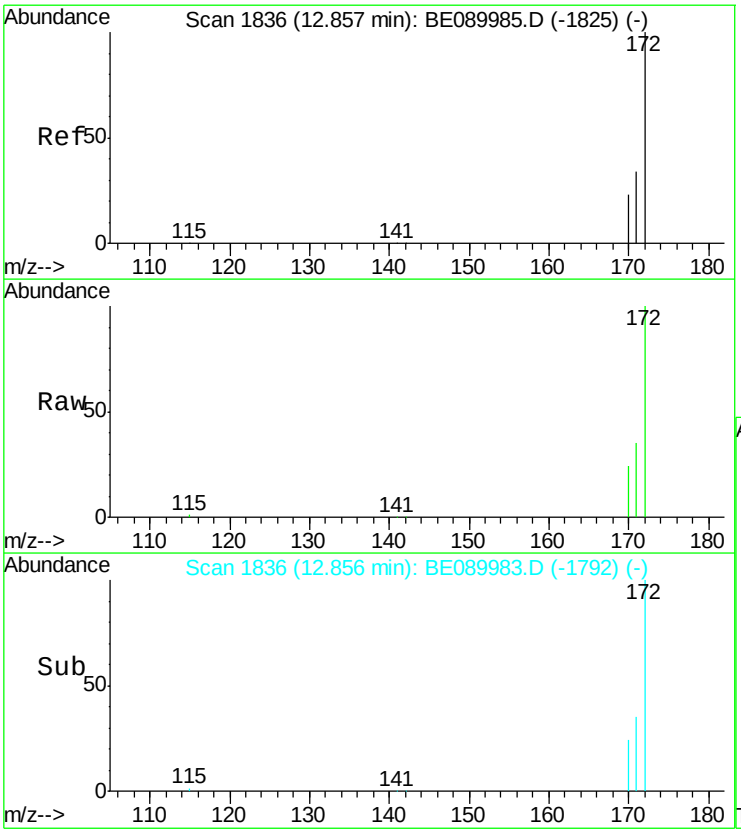
#13
2,4,6-Tribromophenol
Concen: 11.07 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 11417

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.4	114.6
141	162.3	130.3	195.5

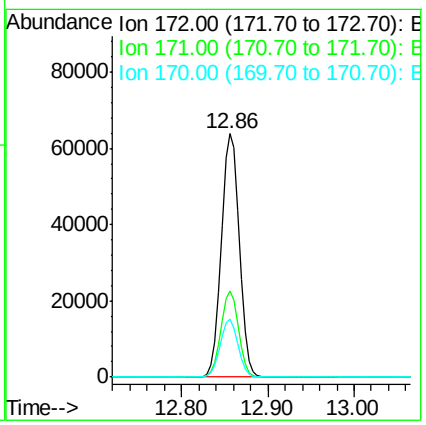


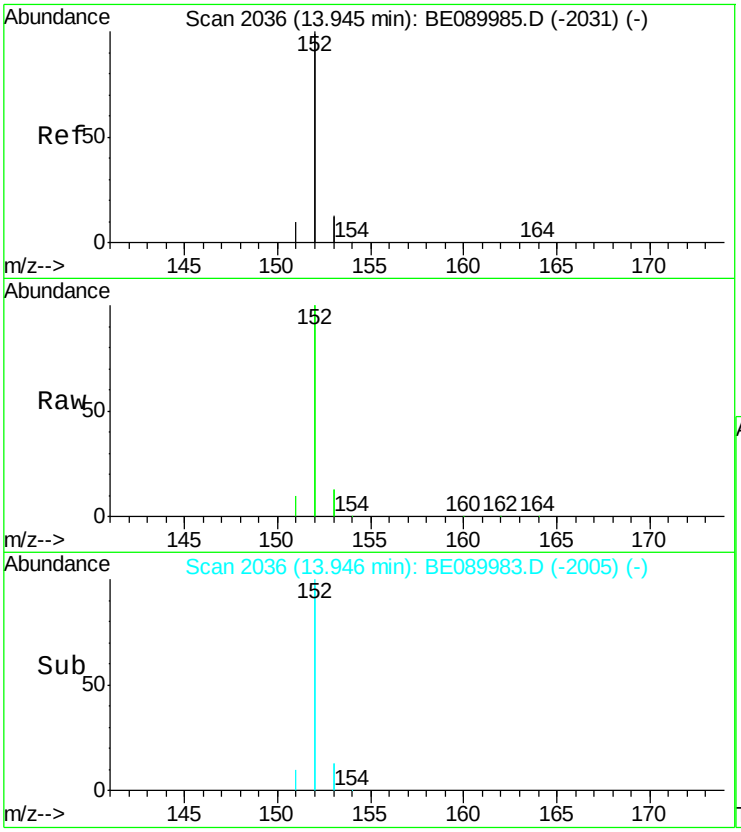


#14
2-Fluorobiphenyl
Concen: 4.67 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:172 Resp: 94072

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.9	18.3	27.5



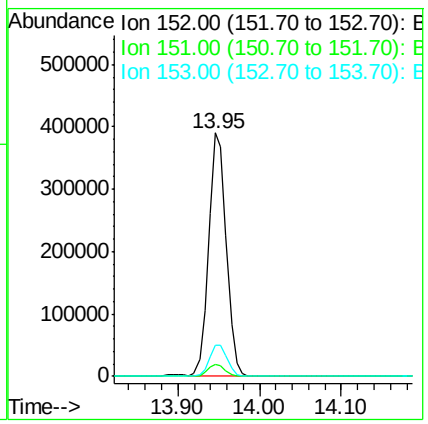


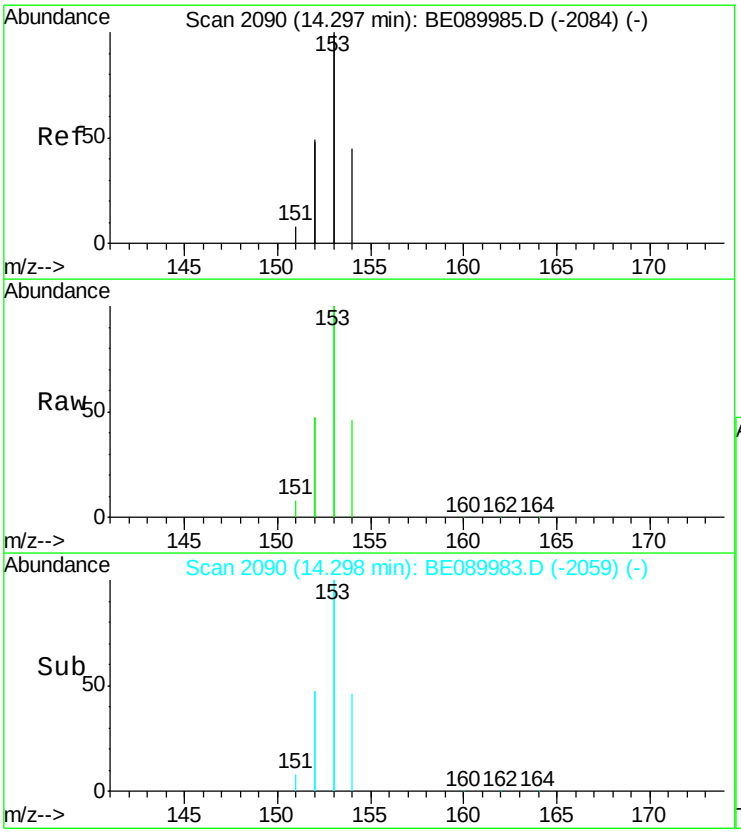
#15
Acenaphthylene
Concen: 4.83 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 582091

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

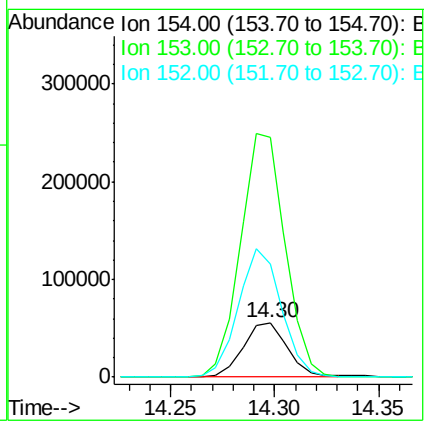


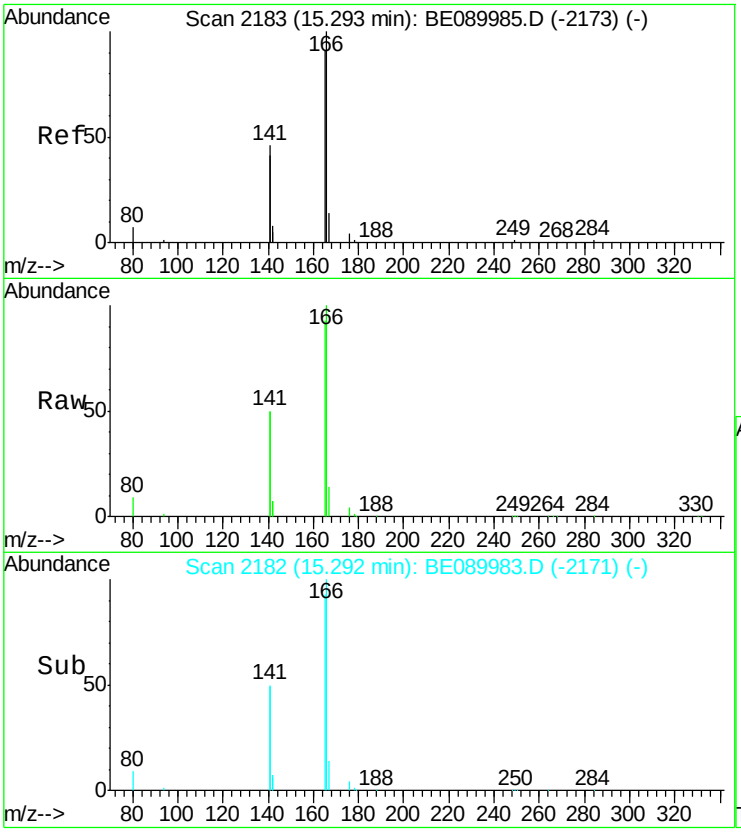


#16
Acenaphthene
Concen: 4.66 ng
RT: 14.30 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:154 Resp: 82239

Ion	Ratio	Lower	Upper
154	100		
153	452.1	358.6	538.0
152	231.0	189.6	284.4



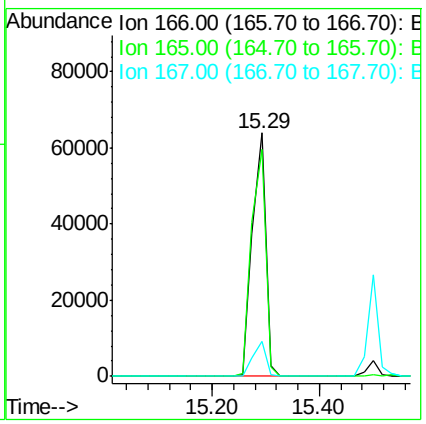


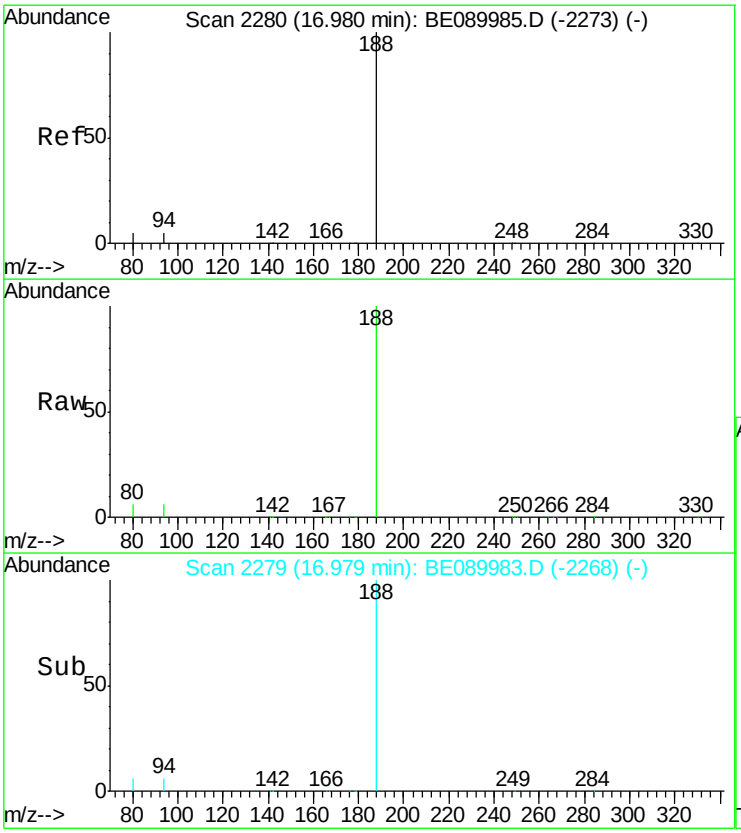
#17
Fluorene
Concen: 4.56 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 109665

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.6
167	13.7	11.8	17.8

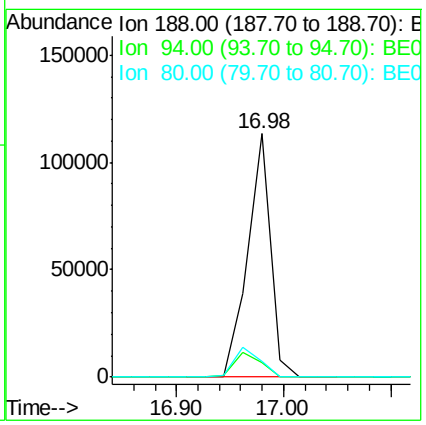


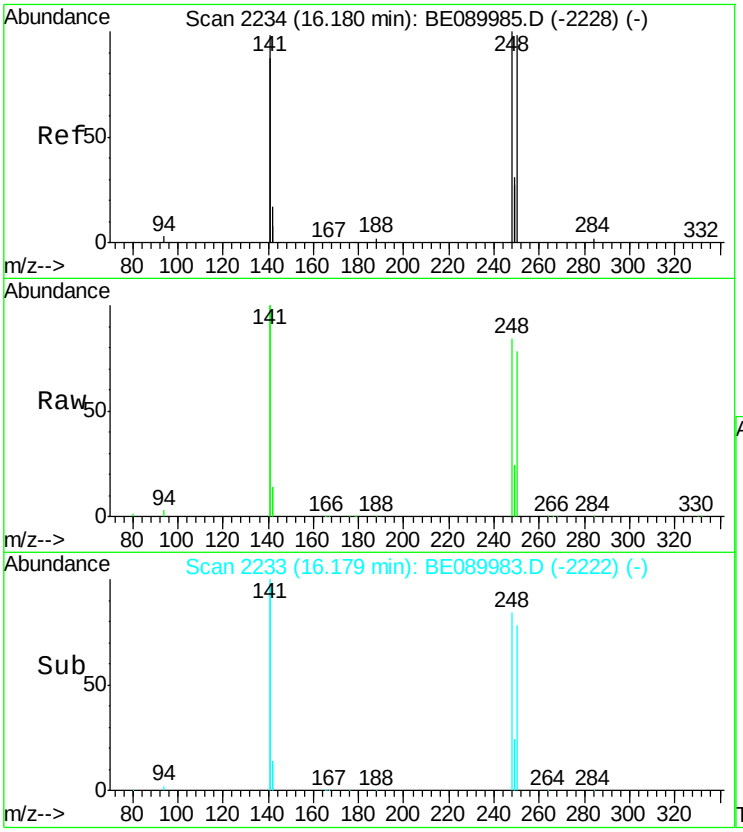


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:188 Resp: 168244

Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.1	6.1
80	6.4	4.2	6.2#



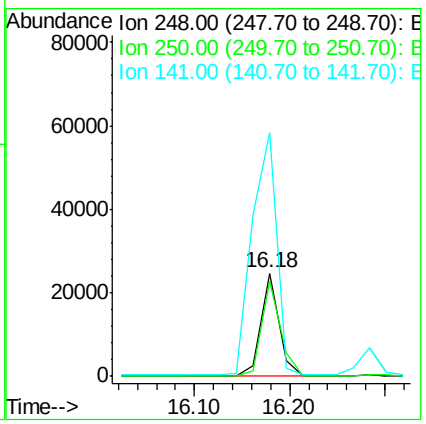


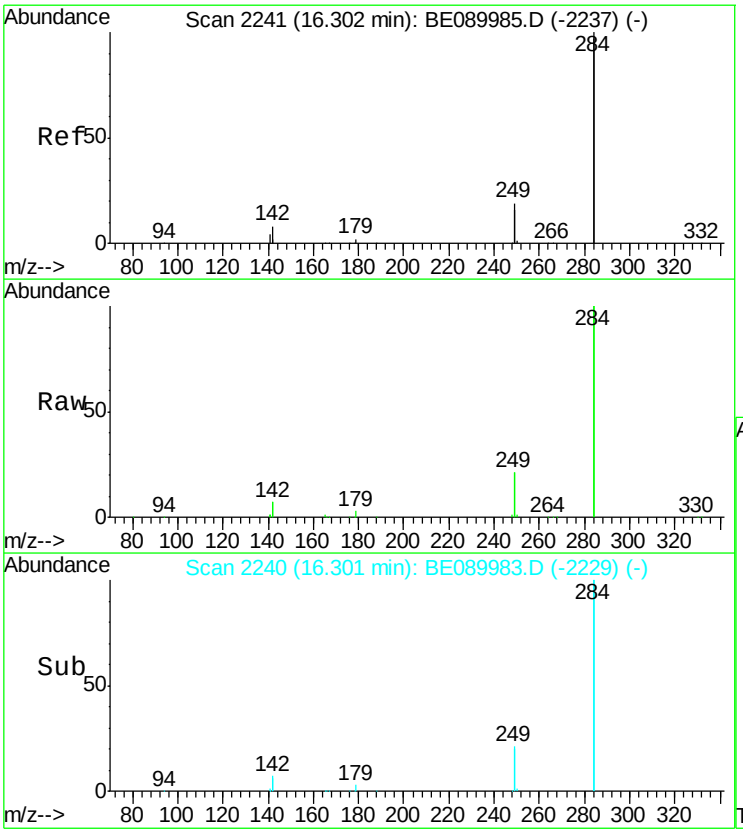
#19
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 32093

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.3	117.5
141	320.3	248.1	372.1

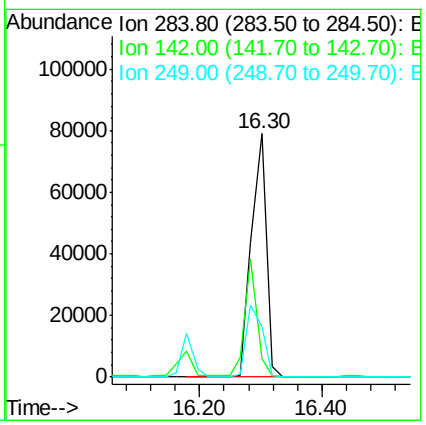


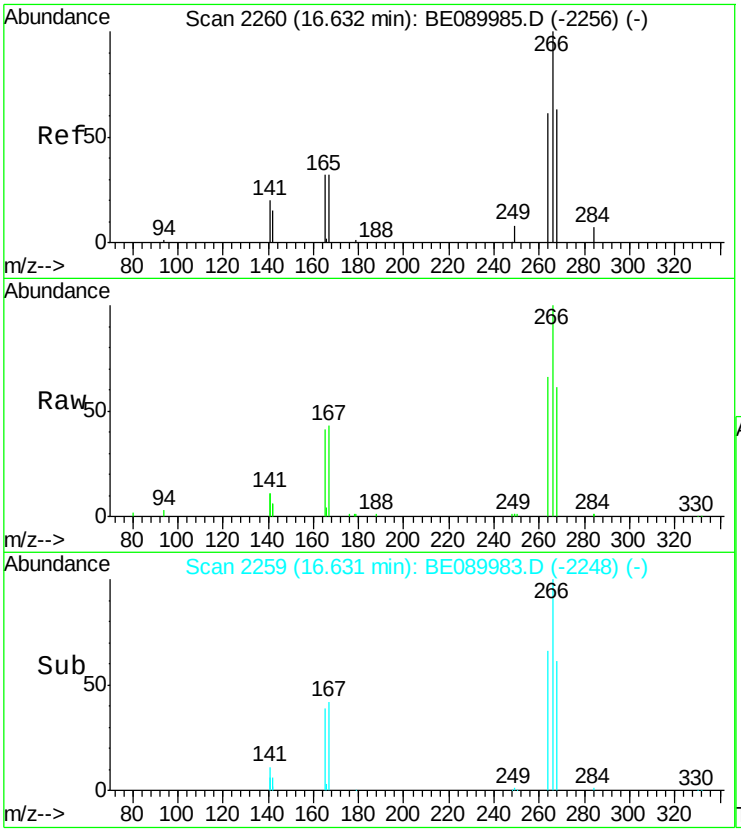


#20
Hexachlorobenzene
Concen: 4.36 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:284 Resp: 131974

Ion	Ratio	Lower	Upper
284	100		
142	39.5	32.6	49.0
249	32.0	25.5	38.3



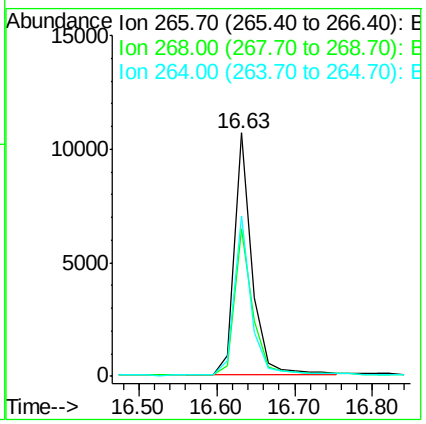


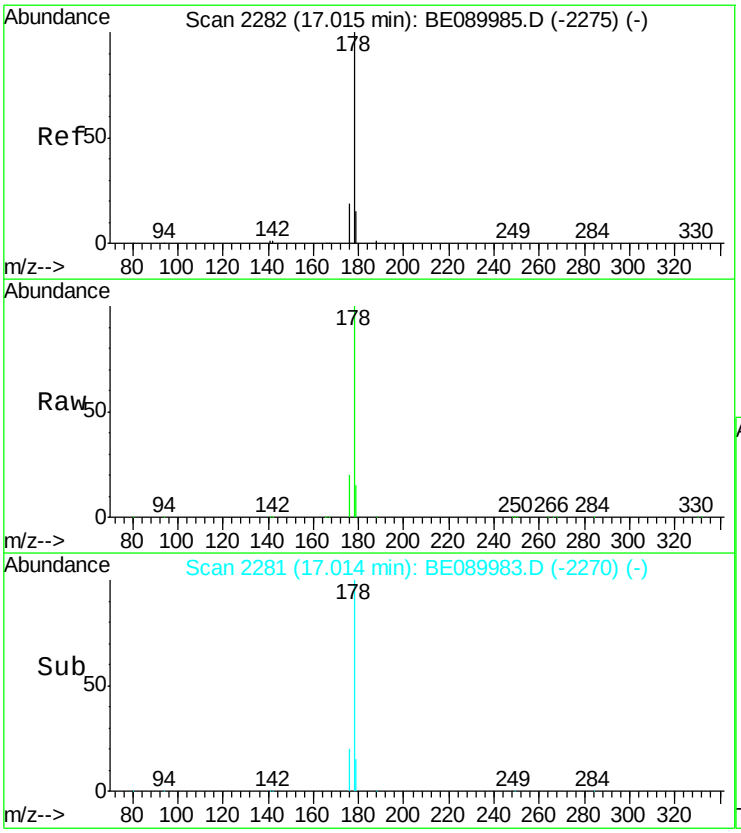
#21
Pentachlorophenol
Concen: 12.21 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 17012

Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.8	77.8
264	65.8	50.2	75.2

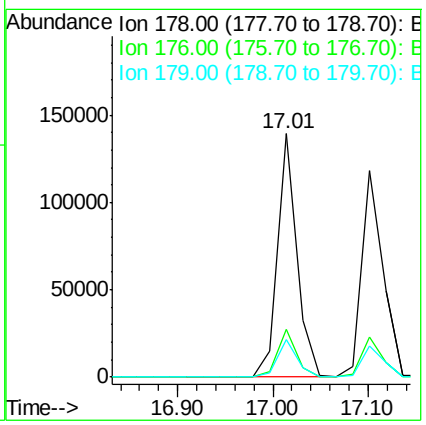


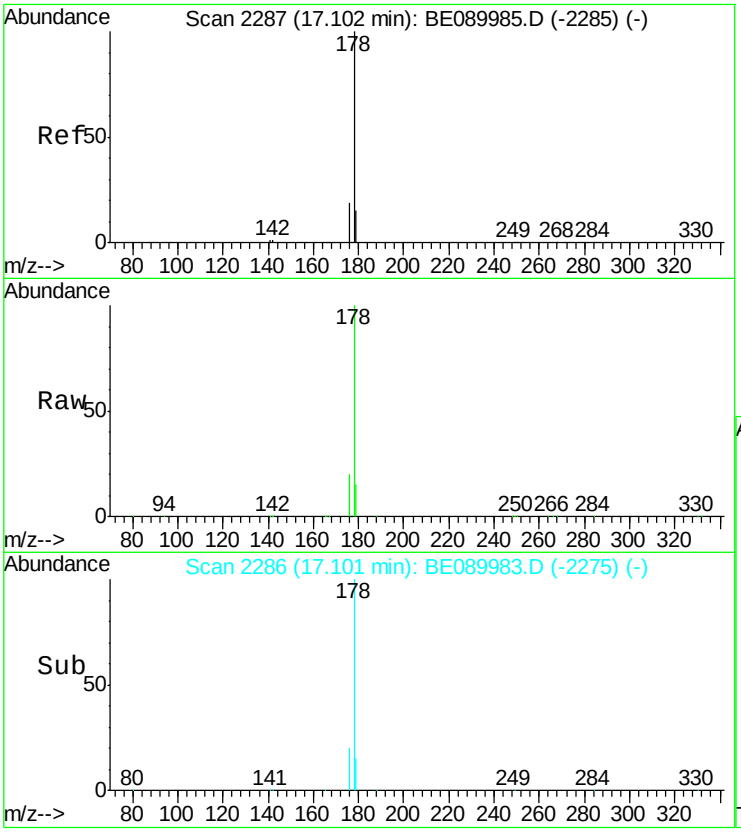


#22
Phenanthrene
Concen: 4.58 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:178 Resp: 195600

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.4	18.6



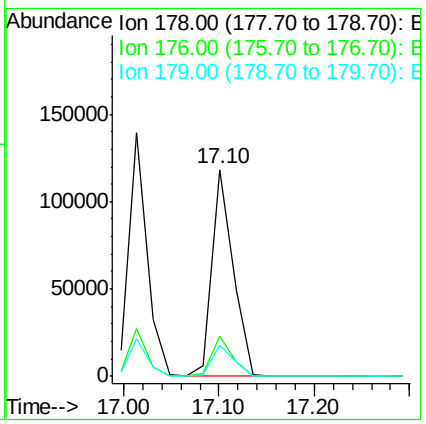


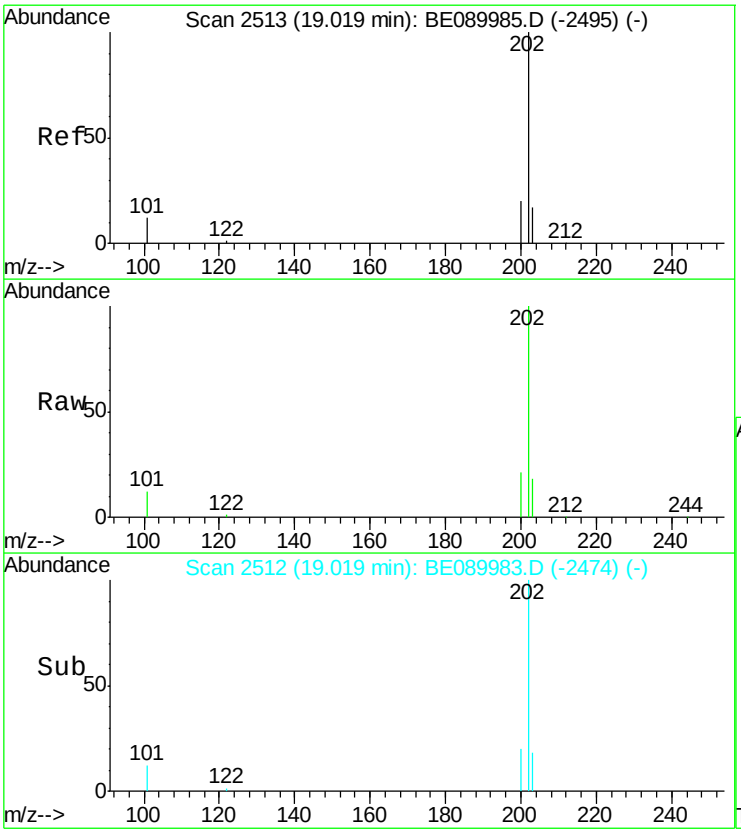
#23
Anthracene
Concen: 4.62 ng
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 182923

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.5	12.1	18.1

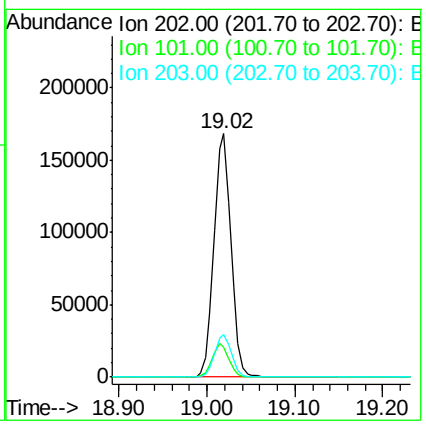


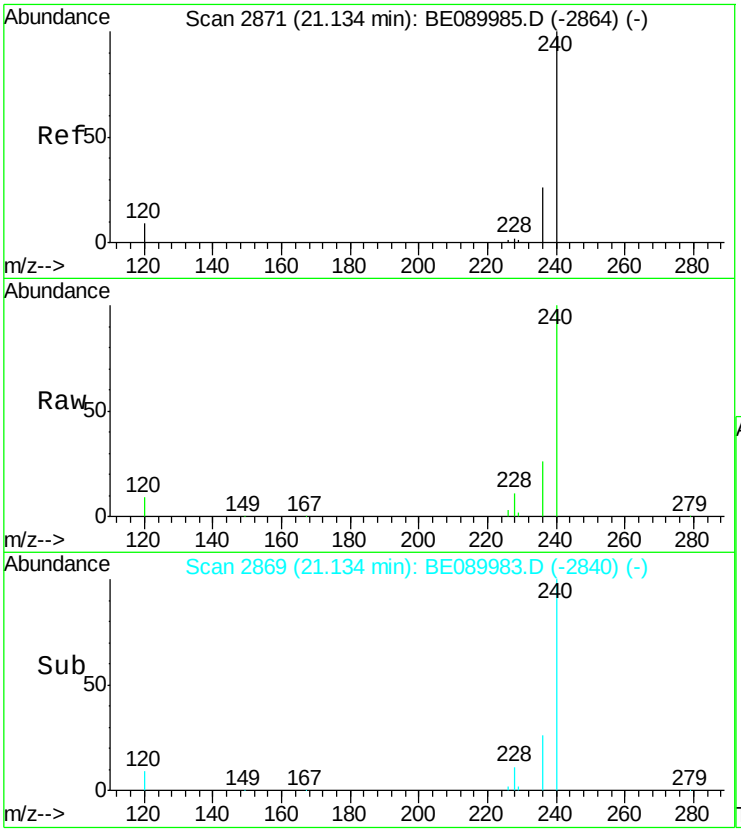


#24
Fluoranthene
Concen: 4.84 ng
RT: 19.02 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:202 Resp: 225146

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
203	17.5	13.8	20.6



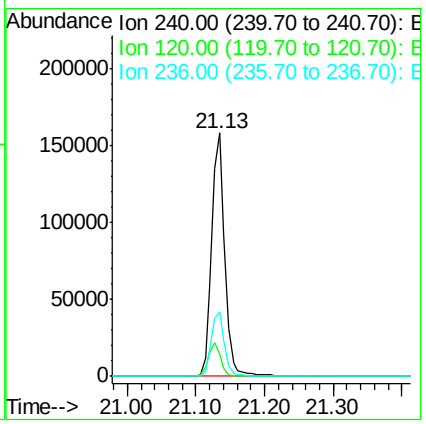


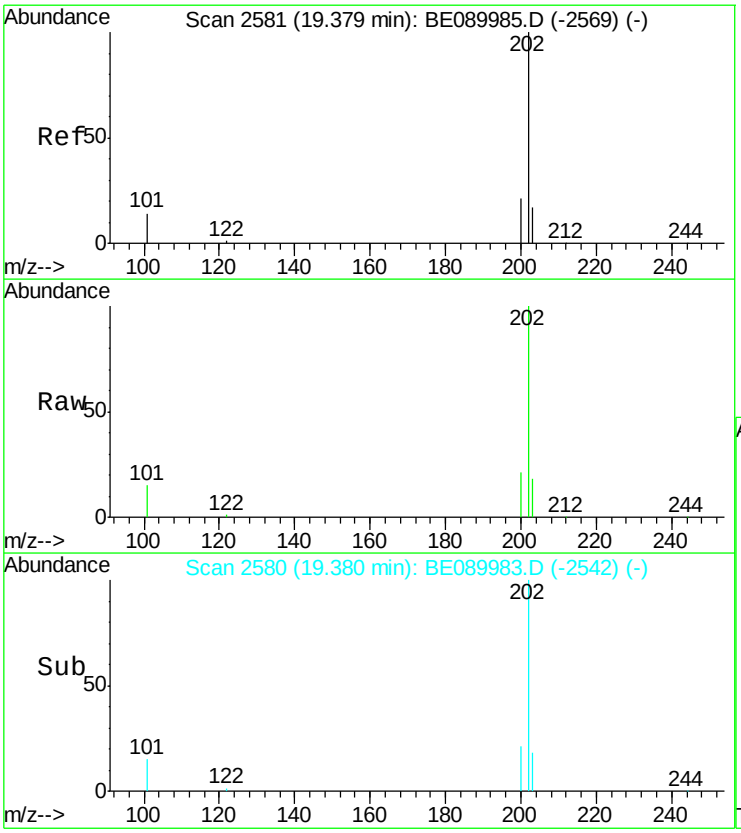
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 209191

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.9	10.3
236	26.3	20.8	31.2

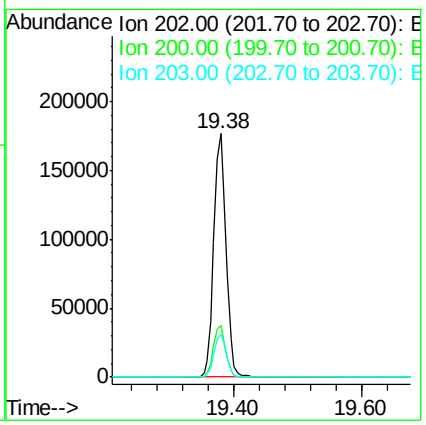


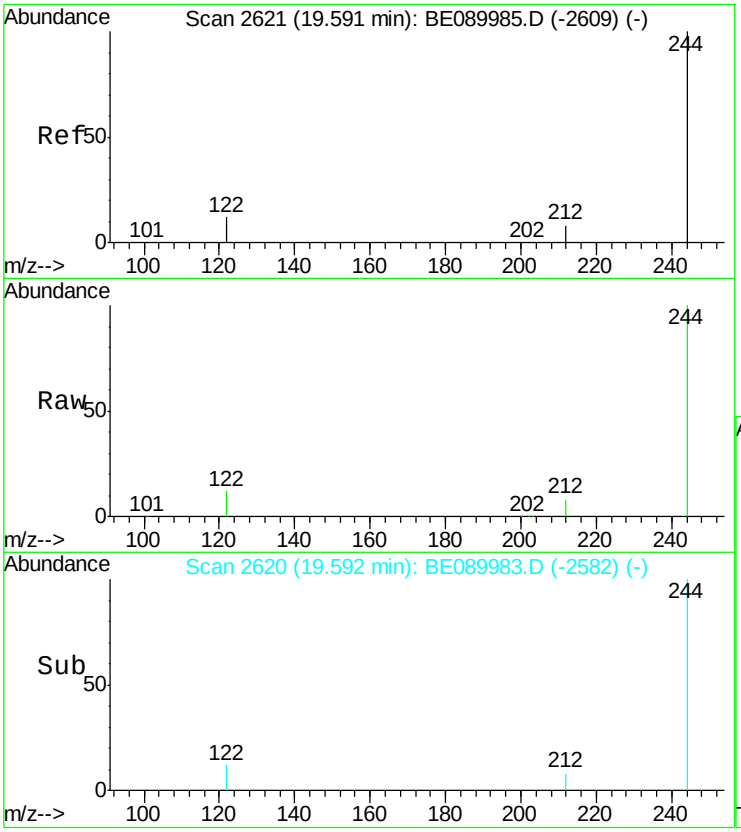


#26
Pyrene
Concen: 4.45 ng
RT: 19.38 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:202 Resp: 235004

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.6	13.9	20.9



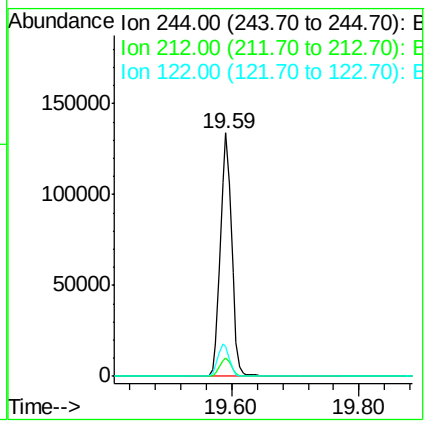


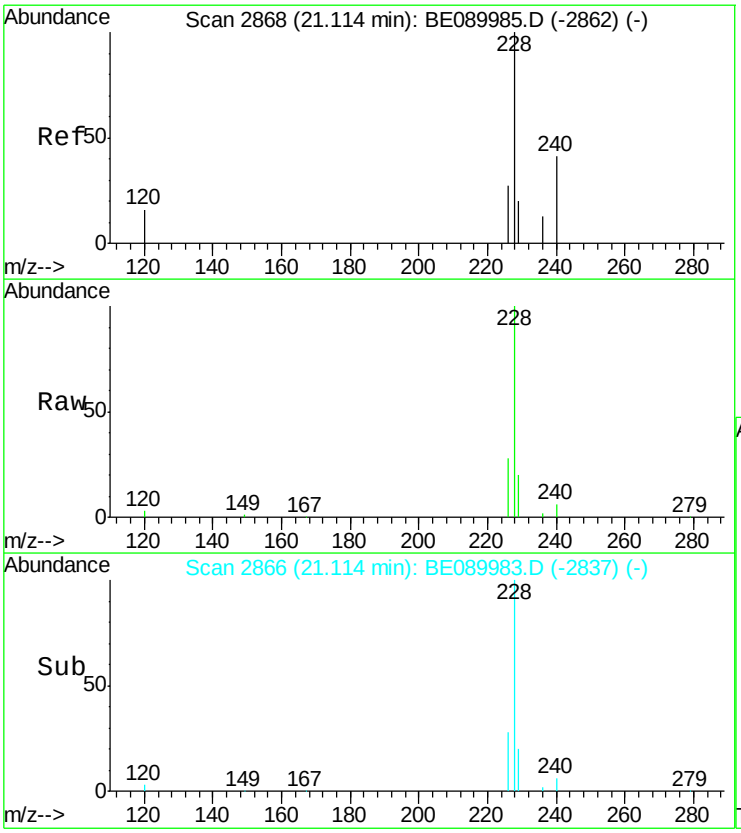
#27
Terphenyl-d14
Concen: 4.52 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 164333

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	12.3	9.8	14.8

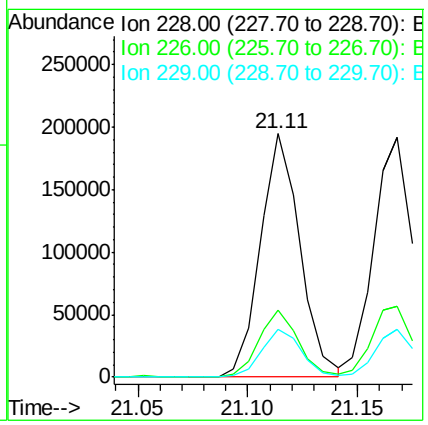


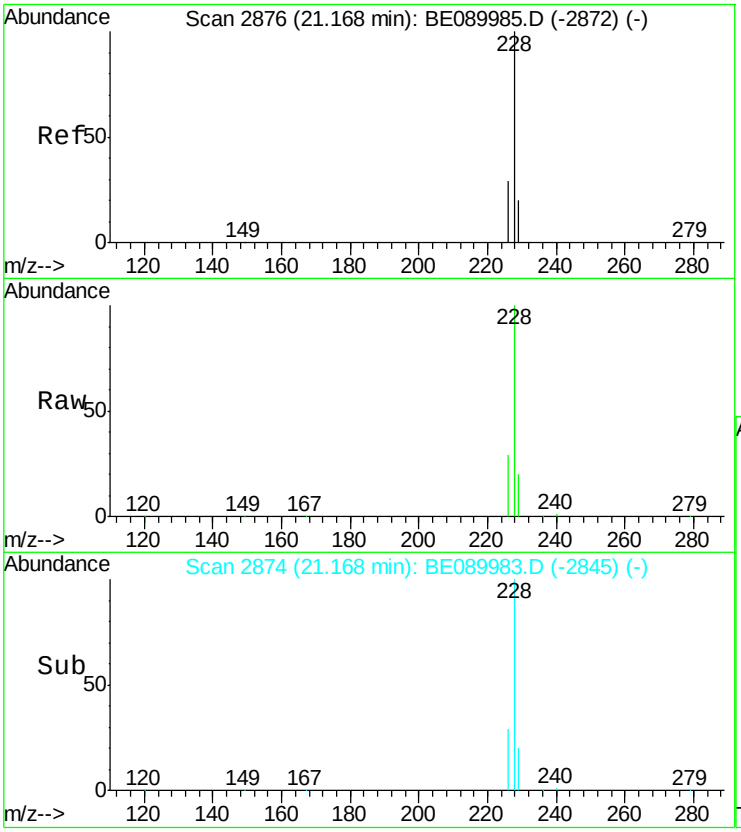


#28
Benzo(a)anthracene
Concen: 4.83 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:228 Resp: 244659

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.7	15.8	23.6



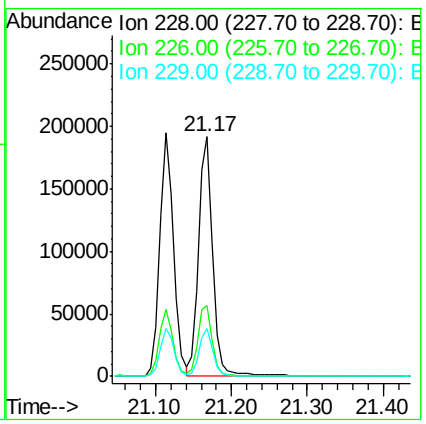


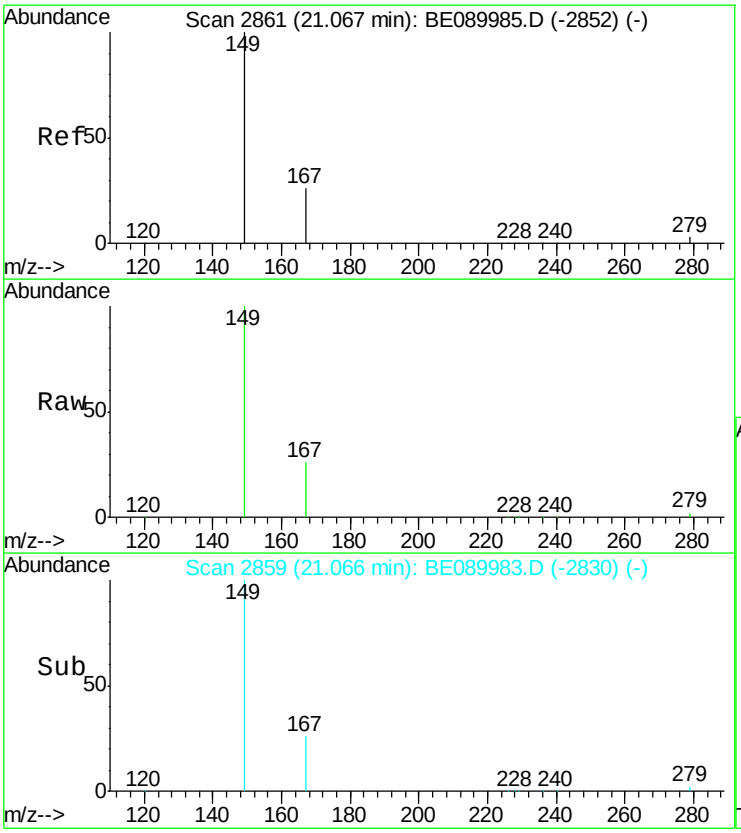
#29
Chrysene
Concen: 4.49 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 248155

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	20.2	16.2	24.2

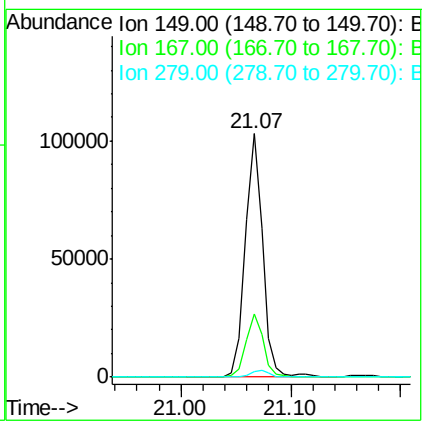


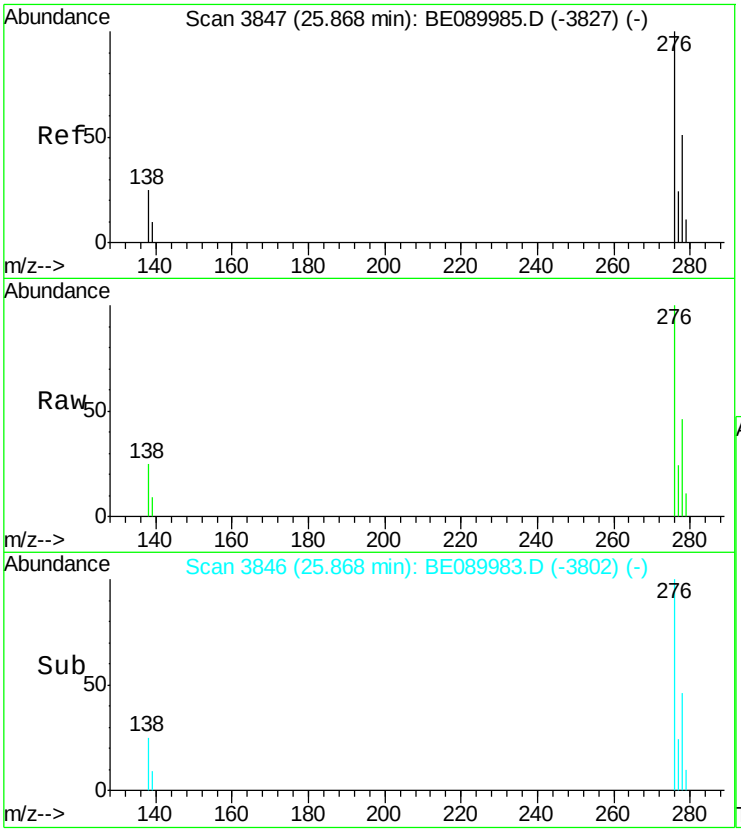


#30
Bis(2-ethylhexyl)phthalate
Concen: 18.13 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:149 Resp: 112623

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.3	30.5
279	3.0	2.6	3.8



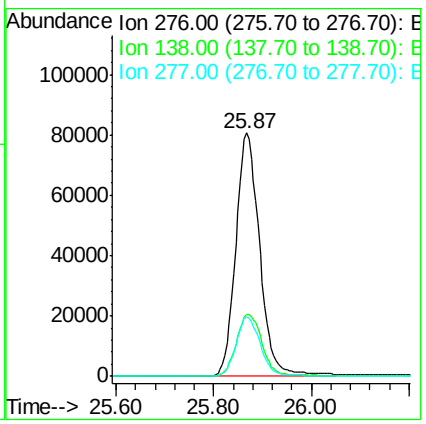


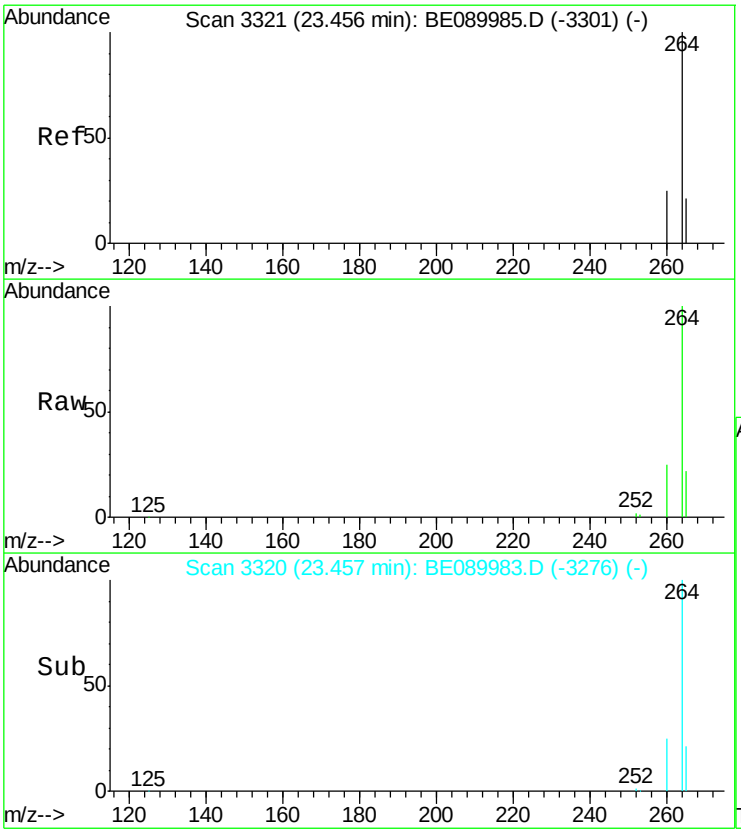
#31
Indeno(1,2,3-cd)pyrene
Concen: 6.58 ng
RT: 25.87 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 275232

Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.3	31.9
277	24.9	19.7	29.5

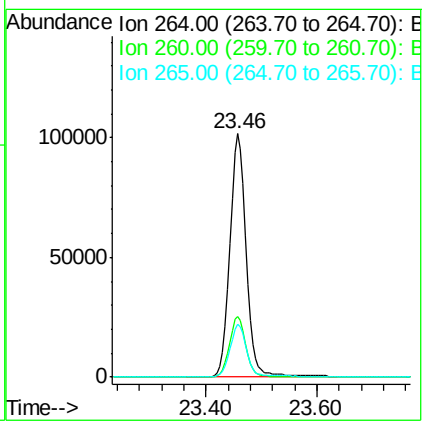


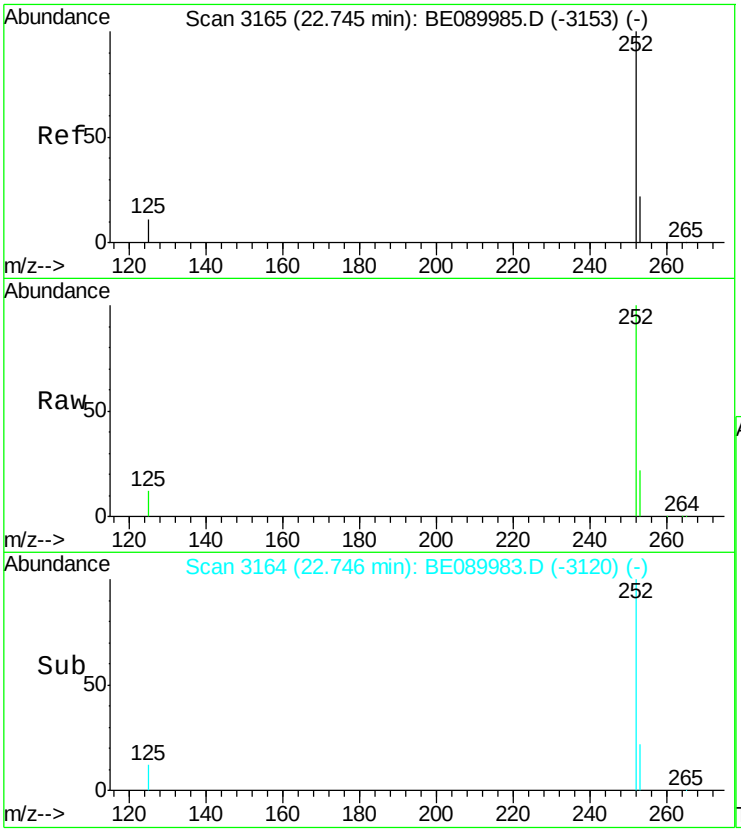


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3320
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:264 Resp: 205456

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.2	30.2
265	21.6	17.1	25.7



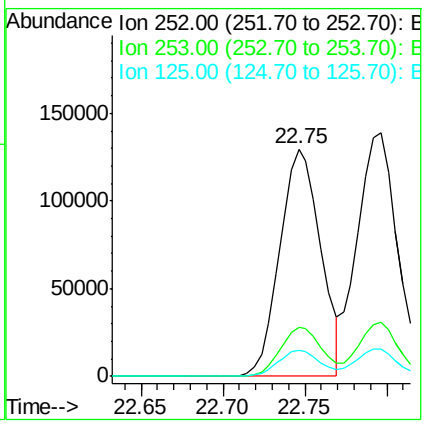


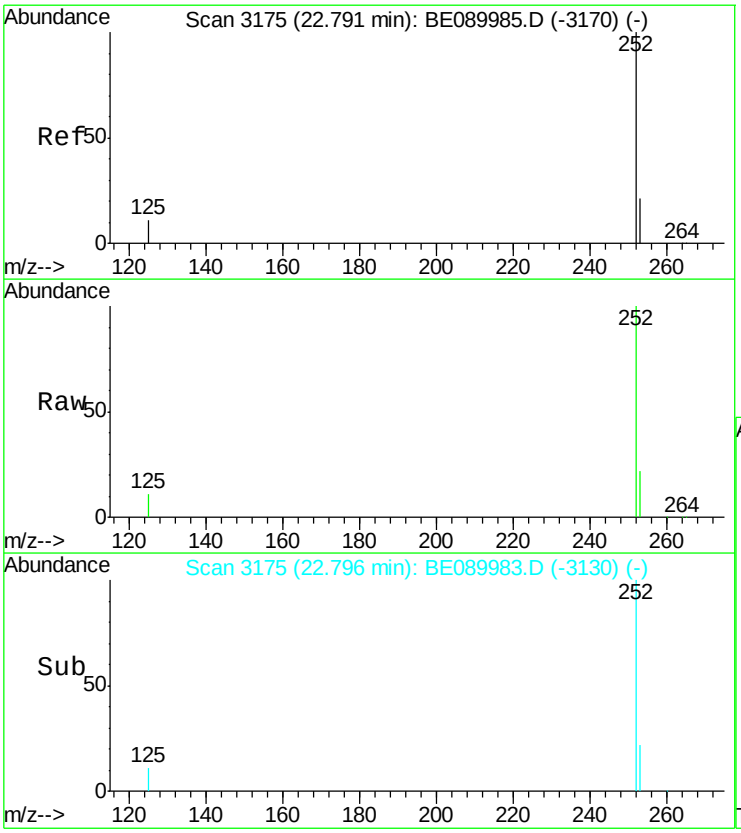
#33
Benzo(b)fluoranthene
Concen: 5.11 ng
RT: 22.75 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 224588

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.6	9.0	13.4

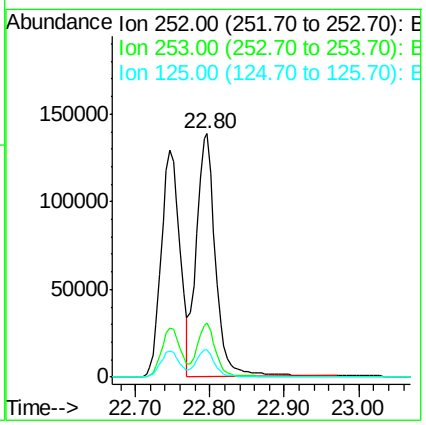


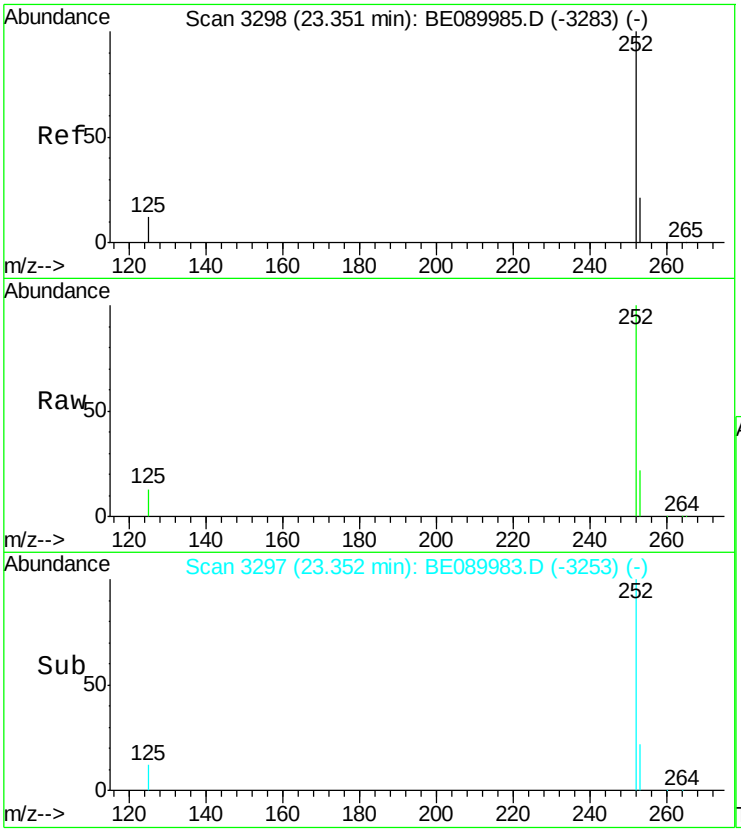


#34
Benzo(k)fluoranthene
Concen: 4.98 ng
RT: 22.80 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:252 Resp: 248180

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.2	9.5	14.3



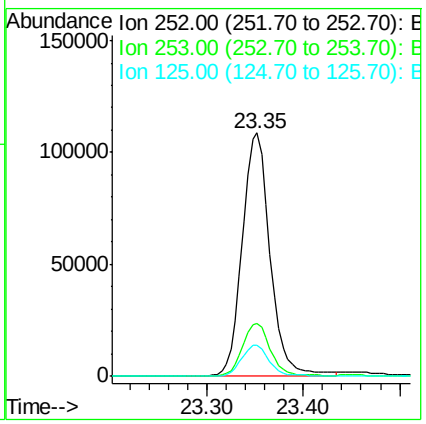


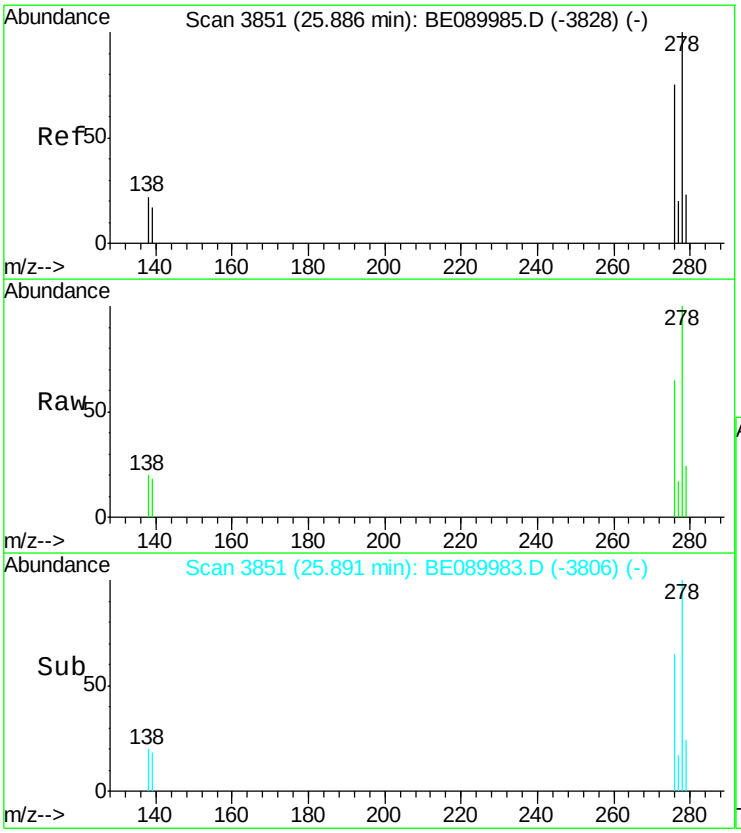
#35
Benzo(a)pyrene
Concen: 5.50 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 216470

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	12.6	10.5	15.7

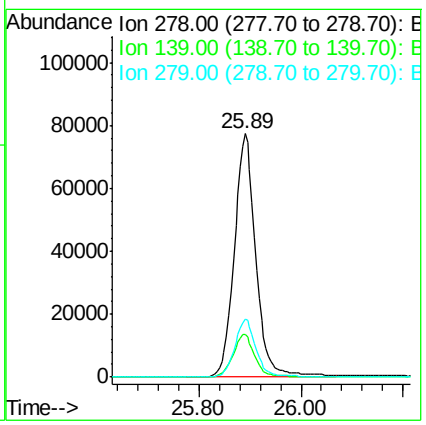


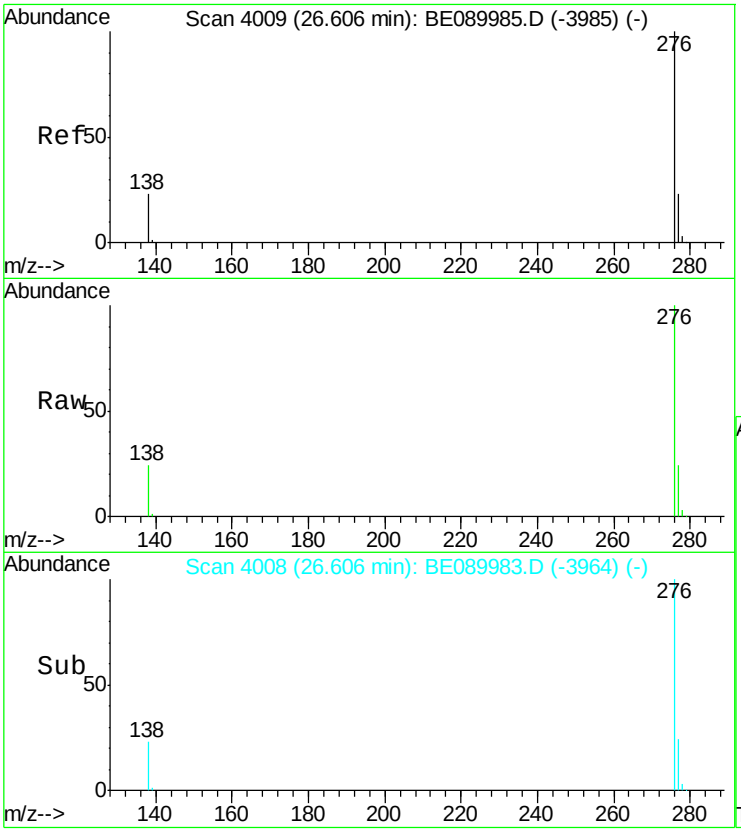


#36
Dibenzo(a,h)anthracene
Concen: 6.09 ng
RT: 25.89 min Scan# 3851
Delta R.T. 0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Tgt Ion:278 Resp: 225596

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.4	21.6
279	23.7	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 5.69 ng
RT: 26.61 min Scan# 4008
Delta R.T. -0.00 min
Lab File: BE089983.D
Acq: 29 Jun 2015 14:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 224680

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	23.5	18.6	27.8