Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089982.D
Acq On : 29 Jun 2015 14:21
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Jun 30 06:05:15 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	24864	5.00	ng	0.00
6) Naphthalene-d8	10.38	136	109760	5.00	ng	0.00
12) Acenaphthene-d10	14.23	164	65709	5.00	ng	0.00
18) Phenanthrene-d10	16.98	188	162689	5.00	ng	0.00
25) Chrysene-d12	21.13	240	209424	5.00	ng	0.00
32) Perylene-d12	23.46	264	203666	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	58905	12.61	ng	0.00
5) Phenol-d6	6.80	99	85403	12.09	ng	0.00
7) Nitrobenzene-d5	8.76	82	89745	10.77	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	24499	24.65	ng	0.00
14) 2-Fluorobiphenyl	12.86	172	184340	9.50	ng	0.00
27) Terphenyl-d14	19.59	244	334534	9.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	30859	9.05	ng	100
3) n-Nitrosodimethylamine	3.52	42	45788	10.15	ng	98
8) Nitrobenzene	8.80	77	95947	10.86	ng	96
9) Naphthalene	10.42	128	228329	9.27	ng	99
10) Hexachlorobutadiene	10.72	225	34640	8.90	ng	100
11) 2-Methylnaphthalene	12.04	142	159151	9.45	ng	99
15) Acenaphthylene	13.95	152	1167020	10.05	ng	100
16) Acenaphthene	14.29	154	162607	9.55	ng	97
17) Fluorene	15.29	166	220267	9.51	ng	99
19) 4-Bromophenyl-phenylether	16.18	248	63080	9.34	ng	95
20) Hexachlorobenzene	16.30	284	265305	9.06	ng	98
21) Pentachlorophenol	16.63	266	38096	28.28	ng	98
22) Phenanthrene	17.01	178	378098	9.16	ng	99
23) Anthracene	17.10	178	379048	9.91	ng	99
24) Fluoranthene	19.02	202	461274	10.26	ng	99
26) Pyrene	19.38	202	477851	9.04	ng	99
28) Benzo(a)anthracene	21.11	228	497670	9.82	ng	99
29) Chrysene	21.17	228	502245	9.09	ng	98
30) Bis(2-ethylhexyl)phthalate	21.07	149	253679	40.79	ng	99
31) Indeno(1,2,3-cd)pyrene	25.87	276	559356	13.37	ng	98
33) Benzo(b)fluoranthene	22.75	252	480128	11.02	ng	100
34) Benzo(k)fluoranthene	22.80	252	486835	9.86	ng	99
35) Benzo(a)pyrene	23.35	252	446461	11.44	ng	99
36) Dibenzo(a,h)anthracene	25.89	278	459260	12.50	ng	99
37) Benzo(g,h,i)perylene	26.61	276	454402	11.60	ng	98

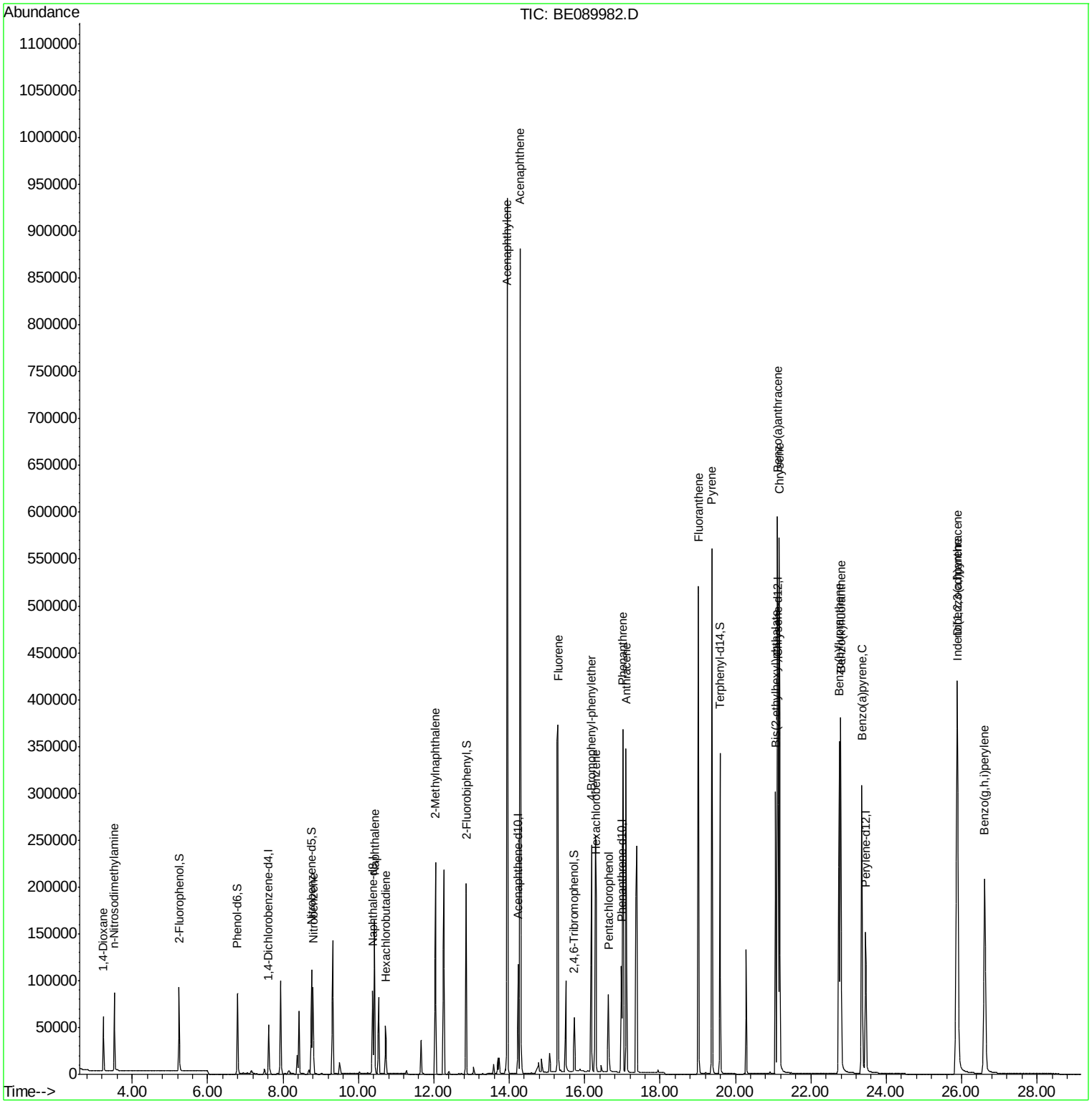
(#) = qualifier out of range (m) = manual integration (+) = signals summed

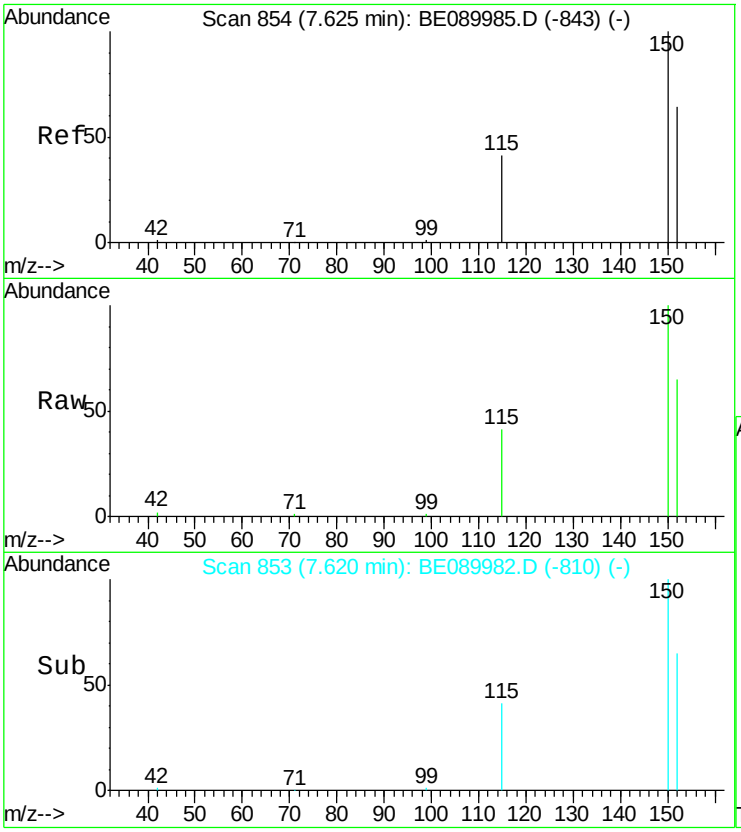
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062915\
Data File : BE089982.D
Acq On : 29 Jun 2015 14:21
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Jun 30 06:05:15 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



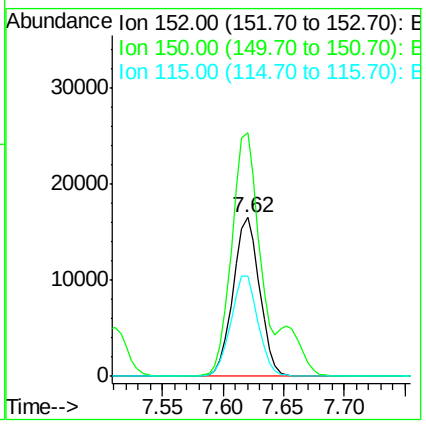


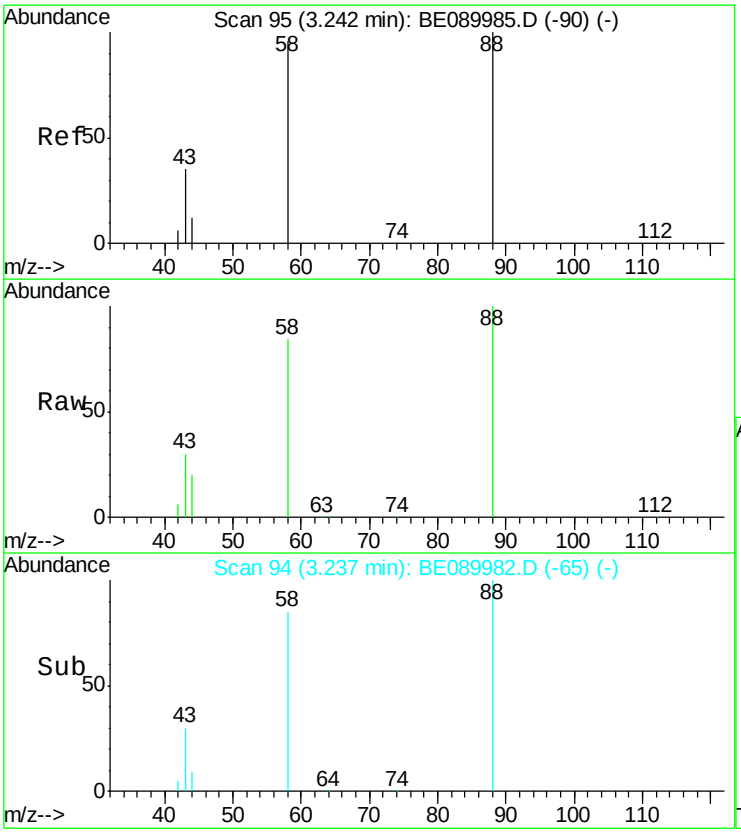
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 853
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 24864

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.9	185.9
115	63.1	50.6	76.0

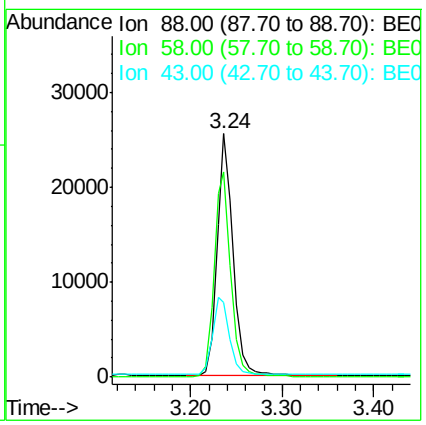


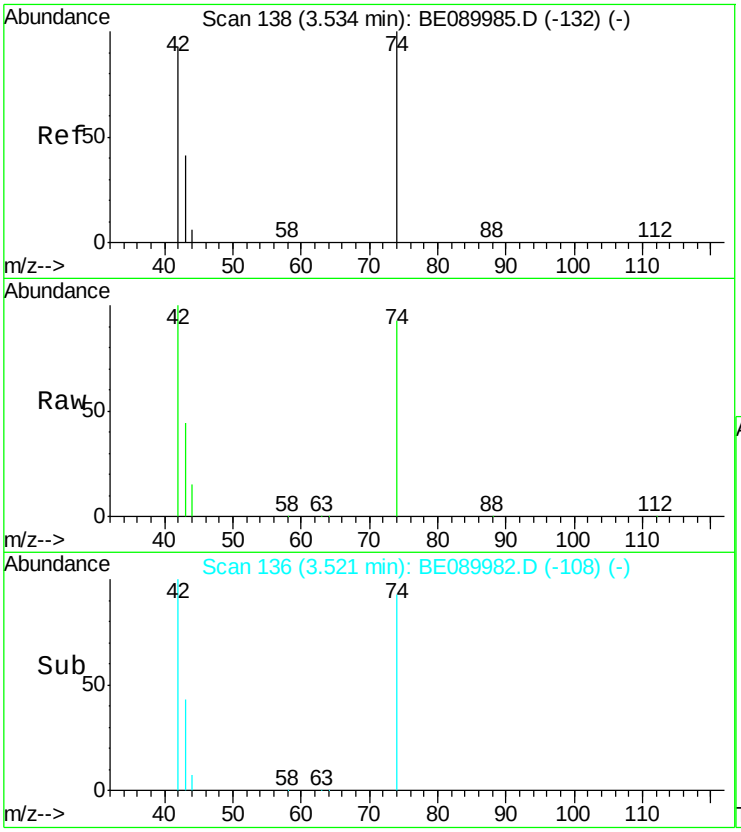


#2
1,4-Dioxane
Concen: 9.05 ng
RT: 3.24 min Scan# 94
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion: 88 Resp: 30859

Ion	Ratio	Lower	Upper
88	100		
58	88.7	70.9	106.3
43	33.9	27.6	41.4



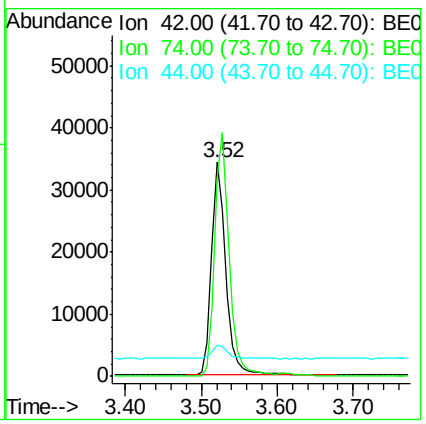


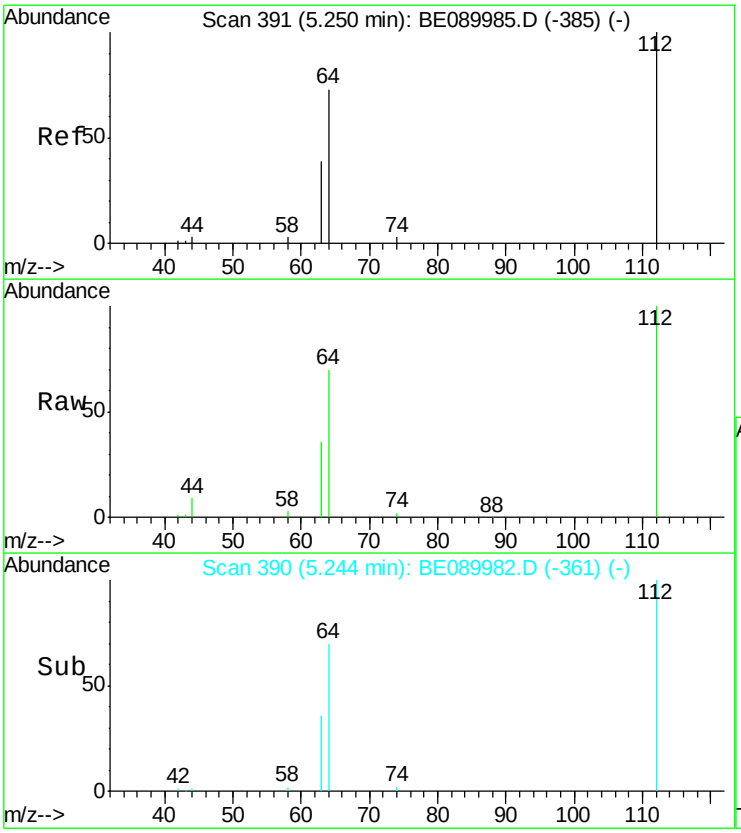
#3
n-Nitrosodimethylamine
Concen: 10.15 ng
RT: 3.52 min Scan# 136
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 45788

Ion	Ratio	Lower	Upper
42	100		
74	113.5	89.4	134.2
44	7.4	6.9	10.3

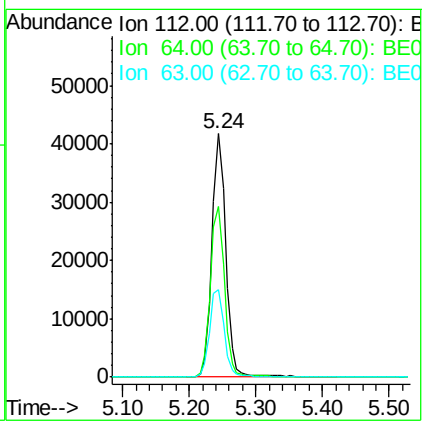


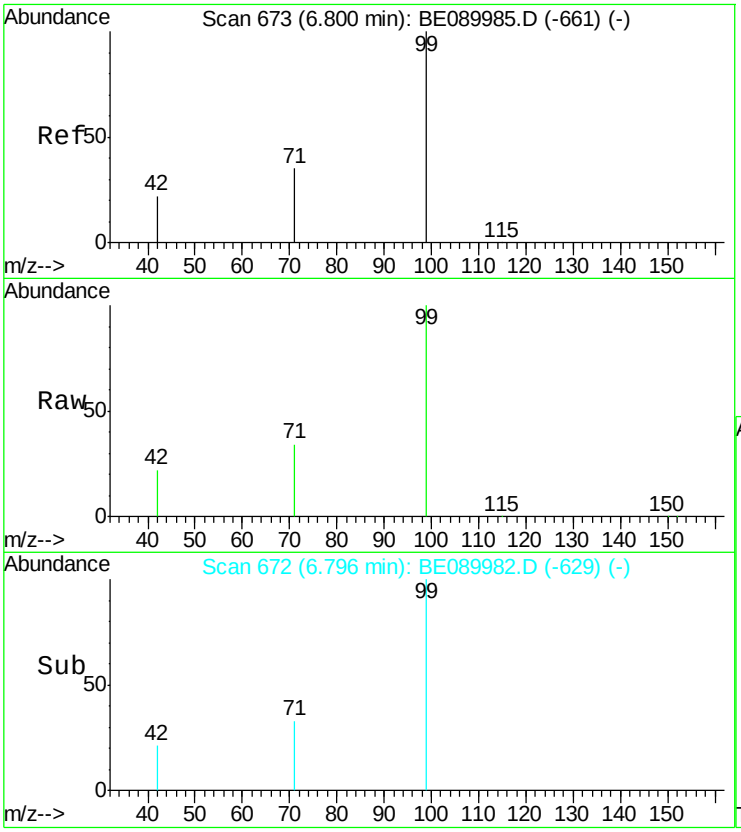


#4
2-Fluorophenol
Concen: 12.61 ng
RT: 5.24 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:112 Resp: 58905

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.3	84.5
63	37.8	29.8	44.6



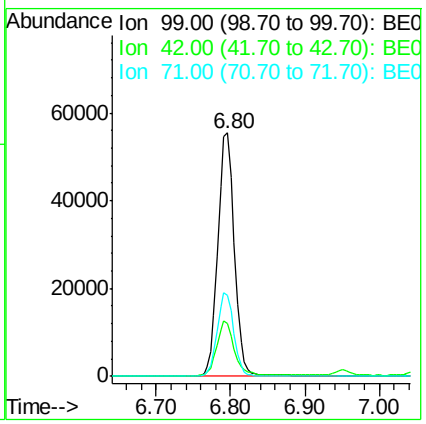


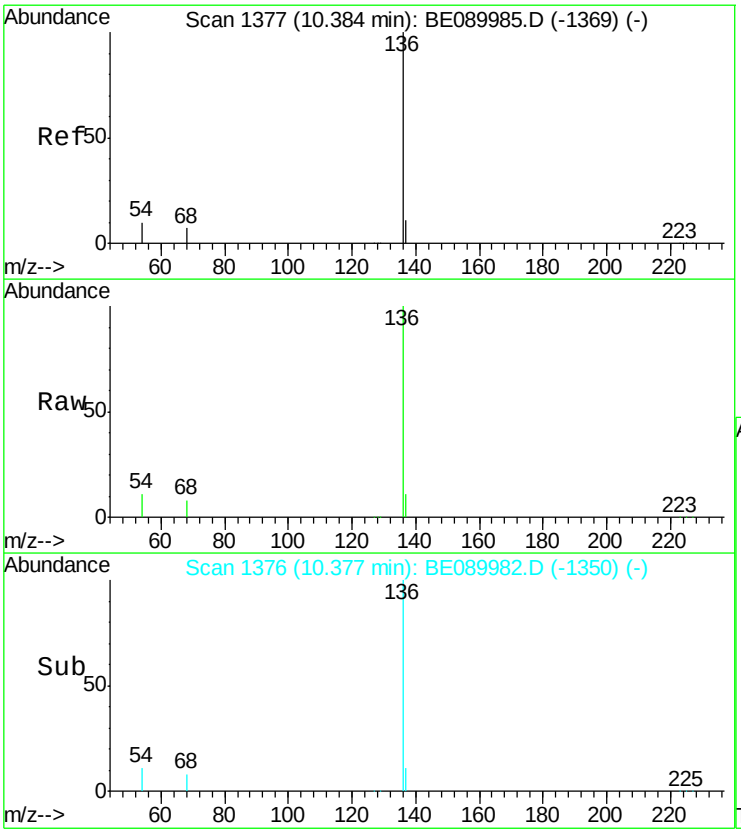
#5
Phenol-d6
Concen: 12.09 ng
RT: 6.80 min Scan# 672
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 85403

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.7	28.1
71	34.4	27.5	41.3

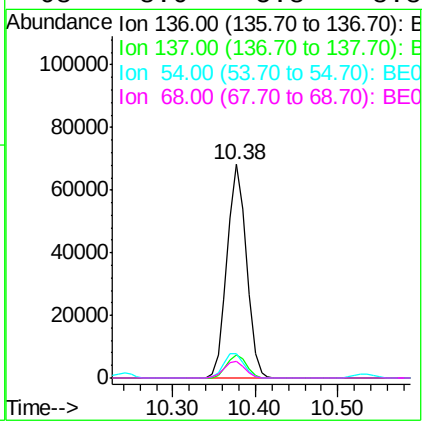


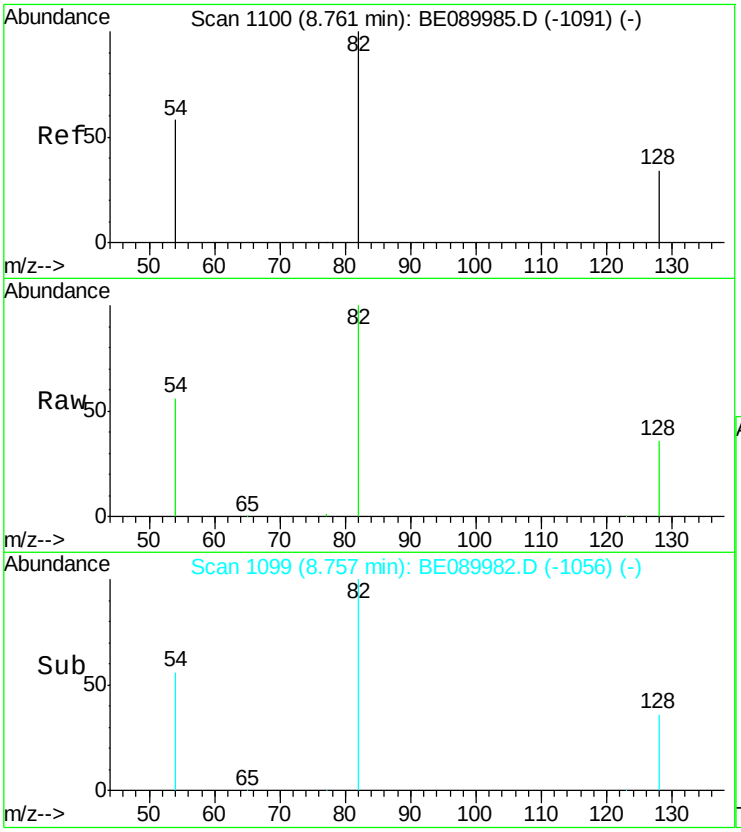


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:136 Resp: 109760

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.3	8.2	12.4
68	8.0	5.8	8.8



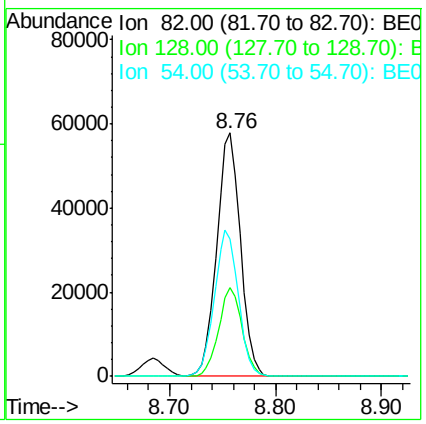


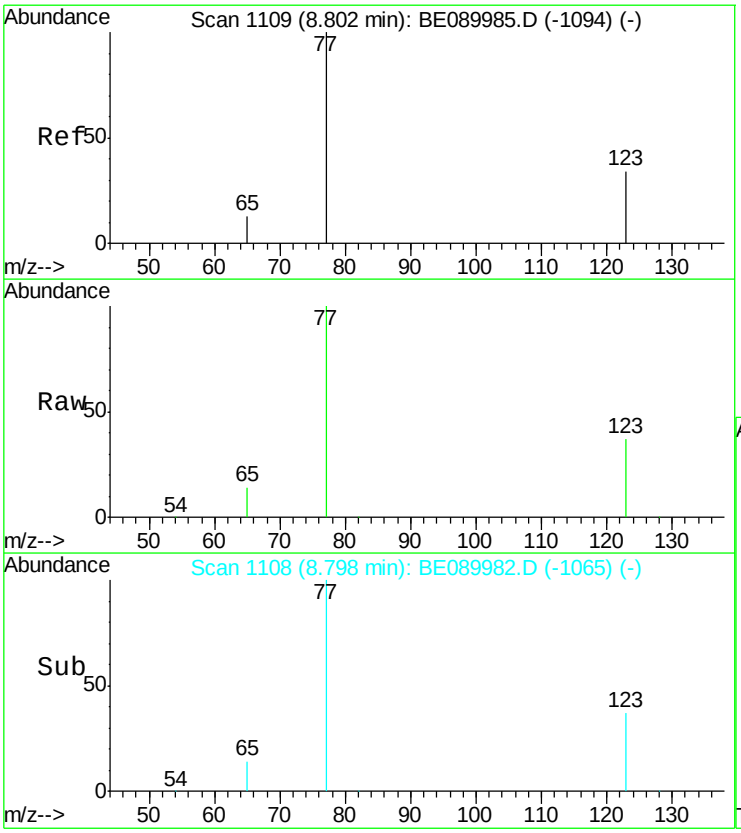
#7
Nitrobenzene-d5
Concen: 10.77 ng
RT: 8.76 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 89745

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.0	42.0
54	56.3	47.6	71.4

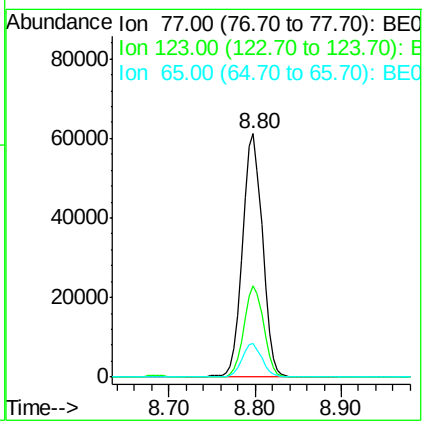


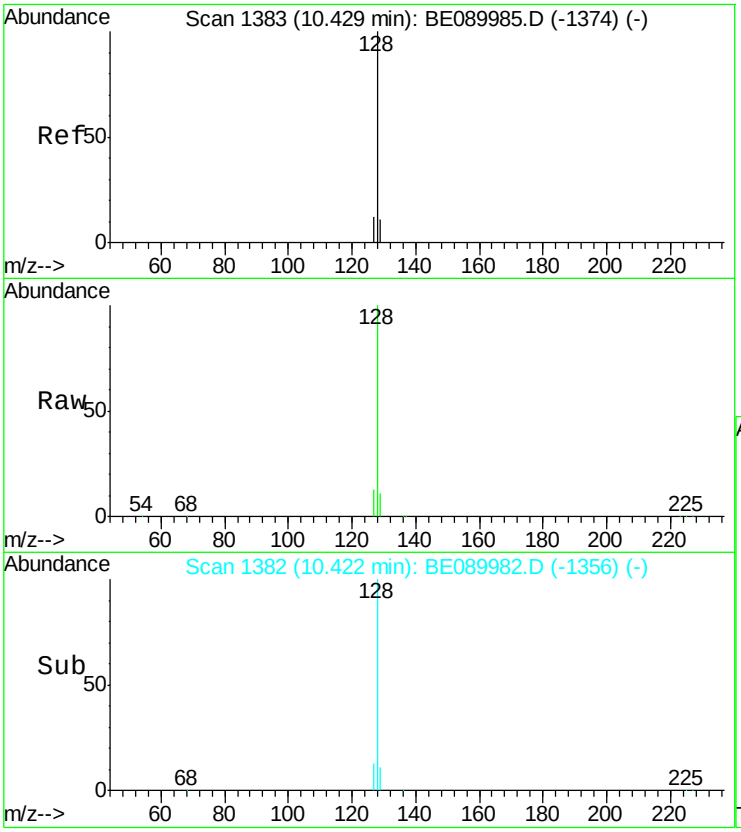


#8
Nitrobenzene
Concen: 10.86 ng
RT: 8.80 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion: 77 Resp: 95947

Ion	Ratio	Lower	Upper
77	100		
123	36.9	27.4	41.0
65	13.8	10.6	15.8



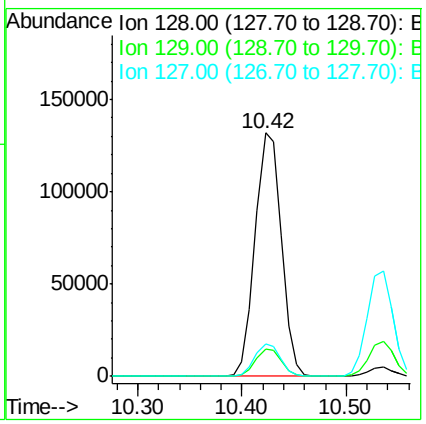


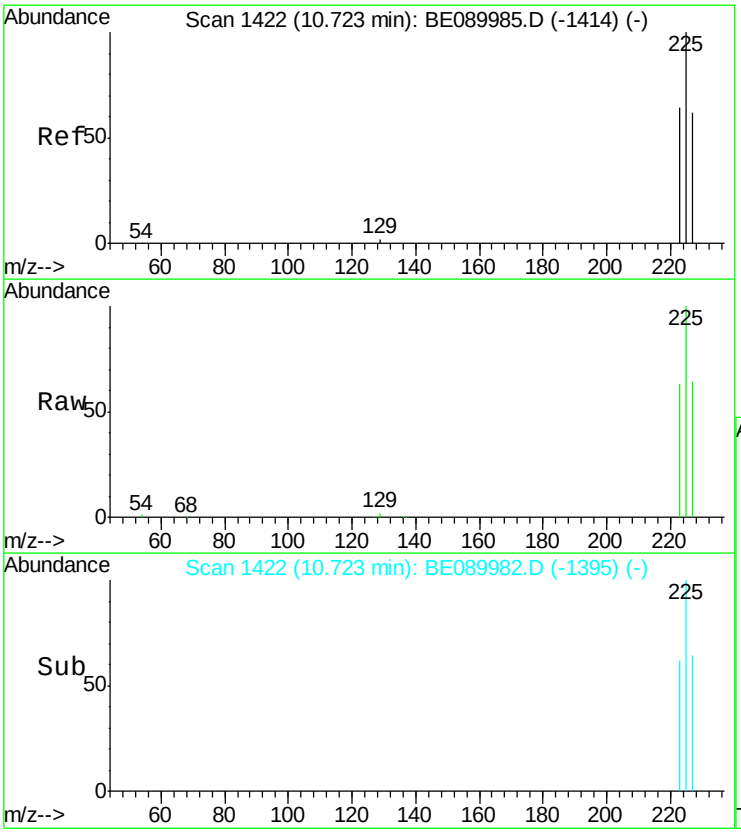
#9
Naphthalene
Concen: 9.27 ng
RT: 10.42 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 228329

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.4	10.2	15.4

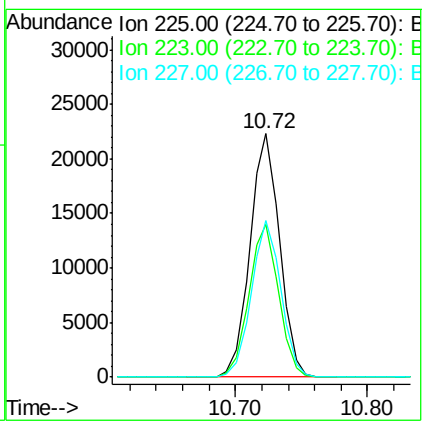


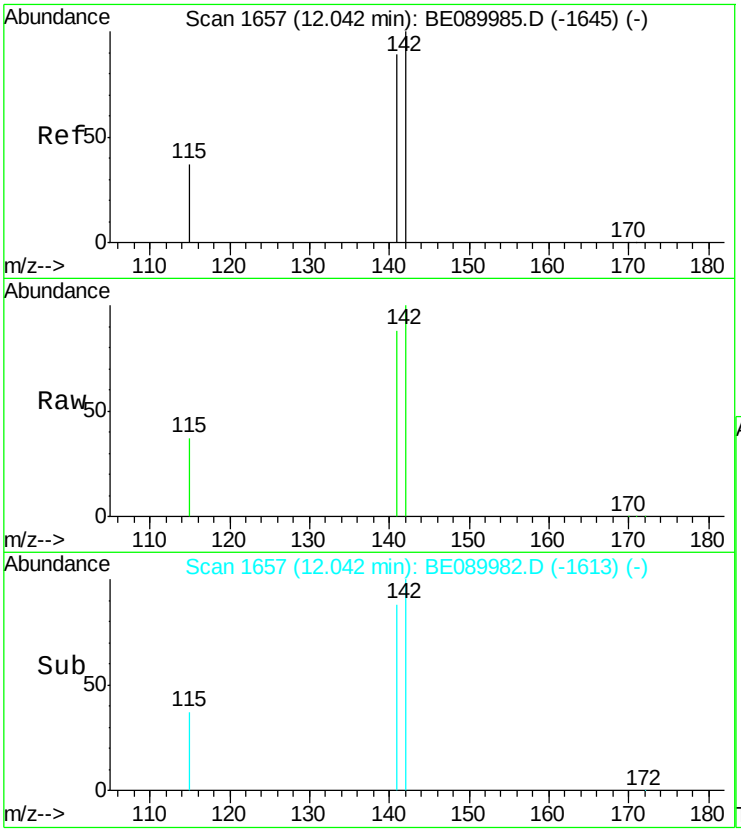


#10
Hexachlorobutadiene
Concen: 8.90 ng
RT: 10.72 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:225 Resp: 34640

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.7	50.9	76.3



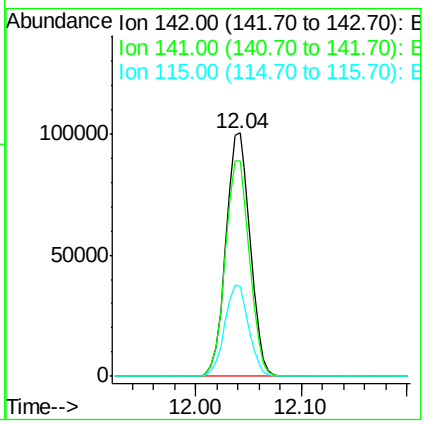


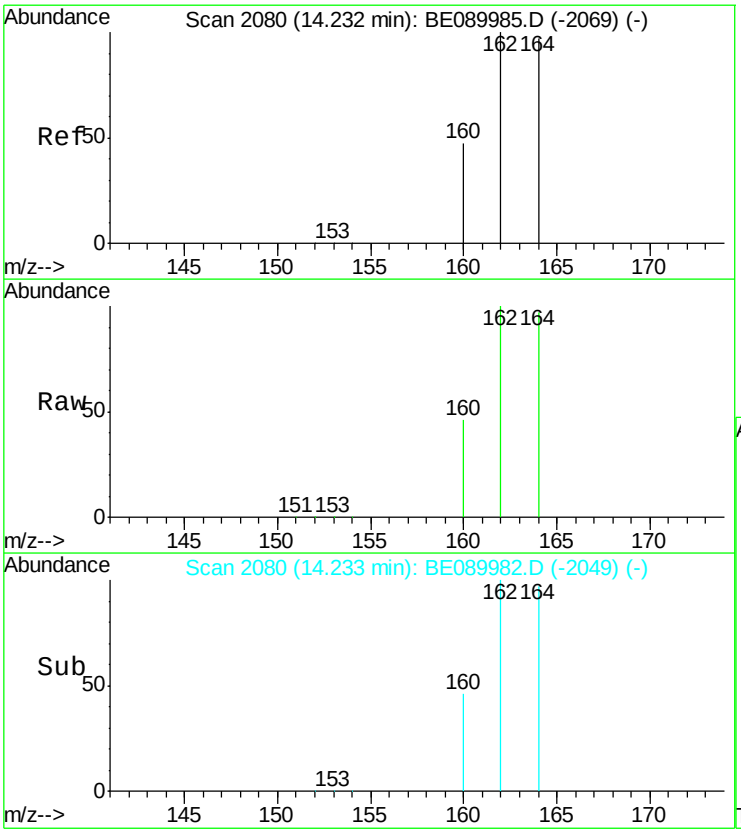
#11
2-Methylnaphthalene
Concen: 9.45 ng
RT: 12.04 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 159151

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	36.8	30.4	45.6

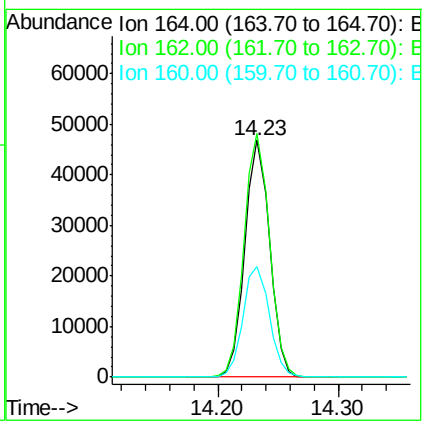


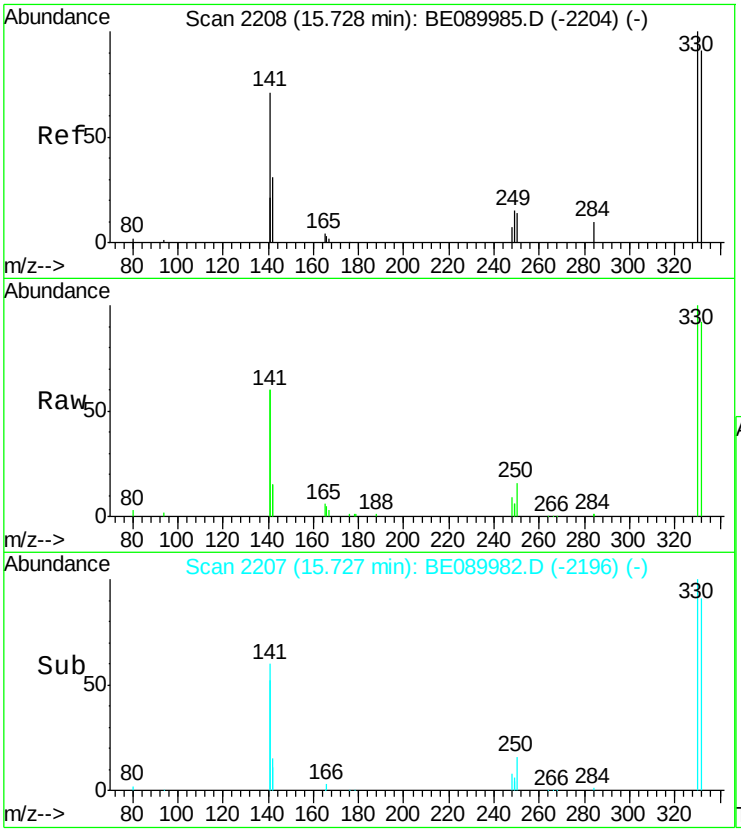


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.23 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:164 Resp: 65709

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	47.0	39.0	58.6



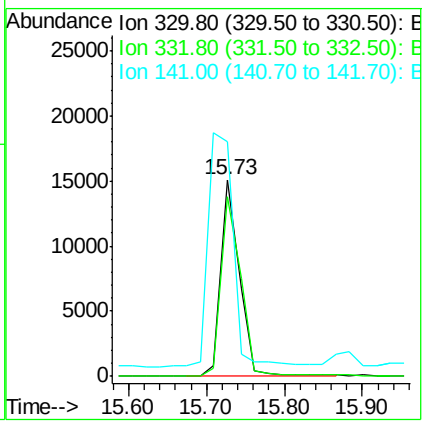


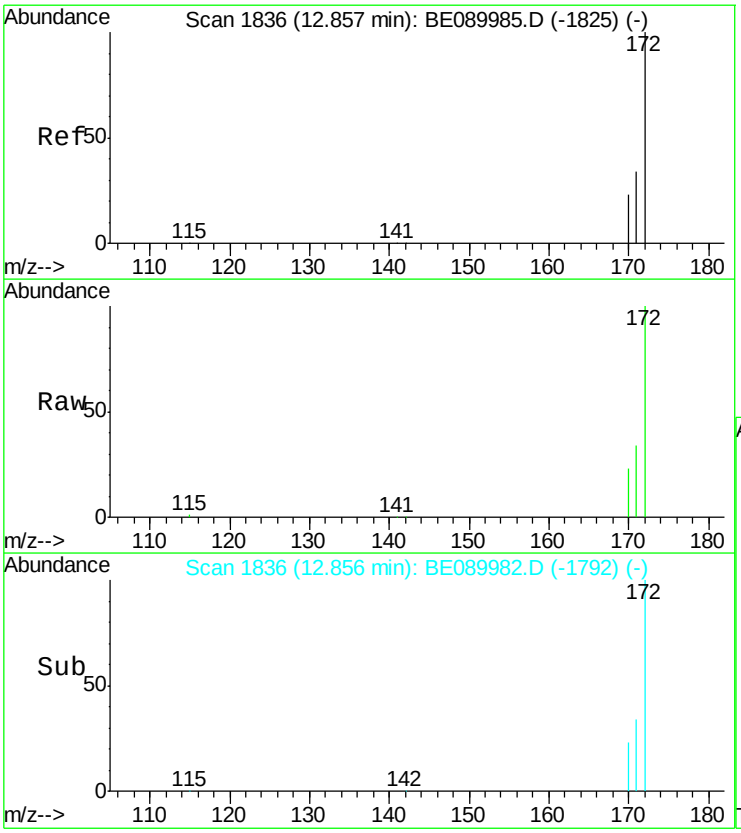
#13
2,4,6-Tribromophenol
Concen: 24.65 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 24499

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.4	114.6
141	163.1	130.3	195.5

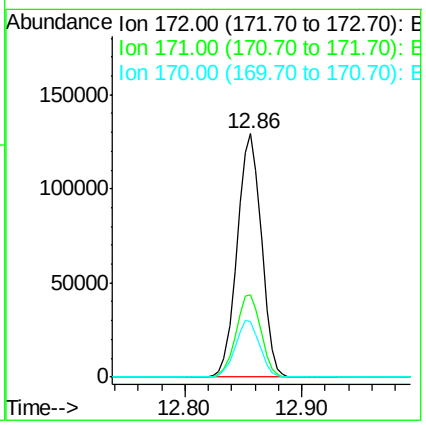


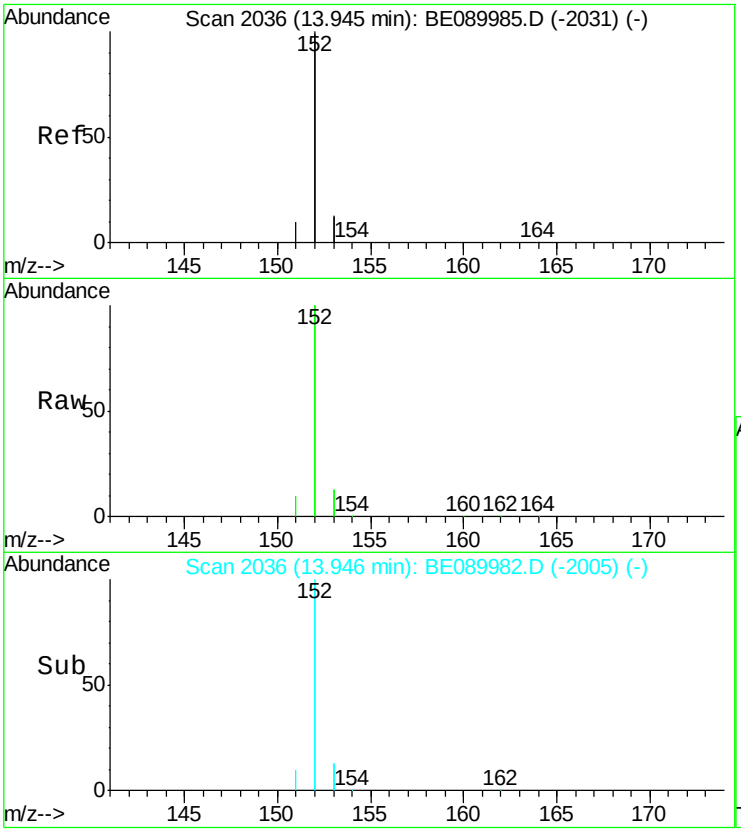


#14
2-Fluorobiphenyl
Concen: 9.50 ng
RT: 12.86 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:172 Resp: 184340

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.6
170	22.8	18.3	27.5



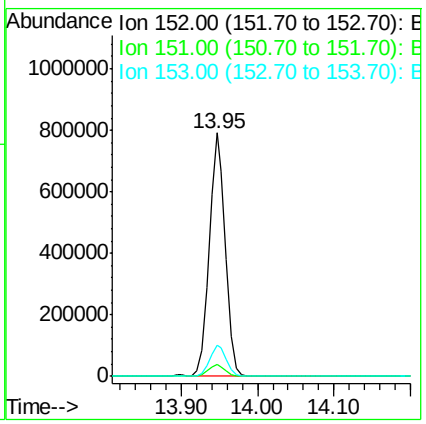


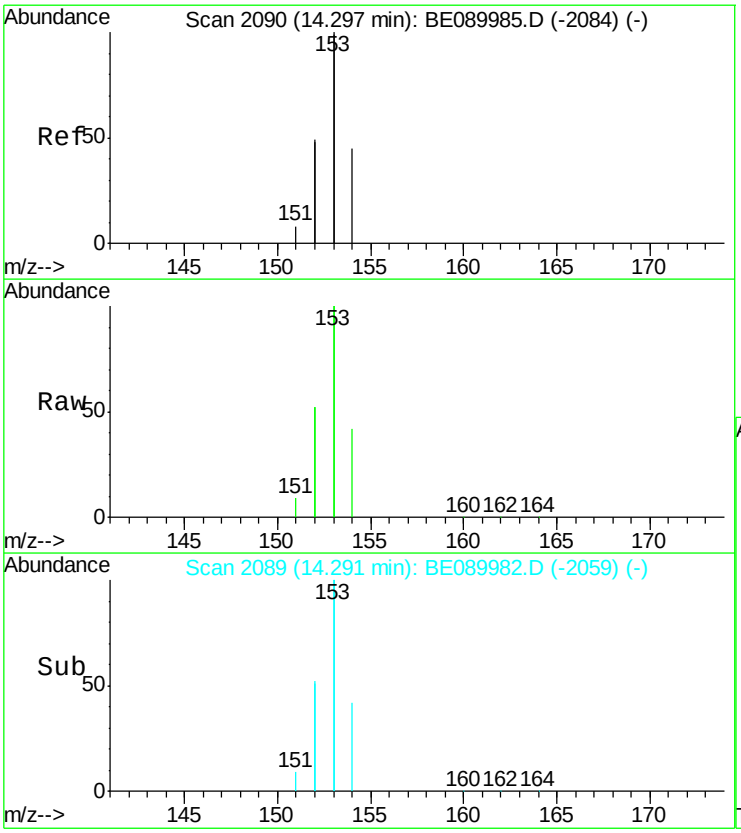
#15
Acenaphthylene
Concen: 10.05 ng
RT: 13.95 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 1167020

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

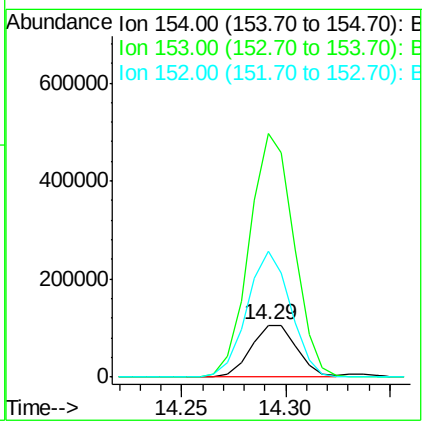


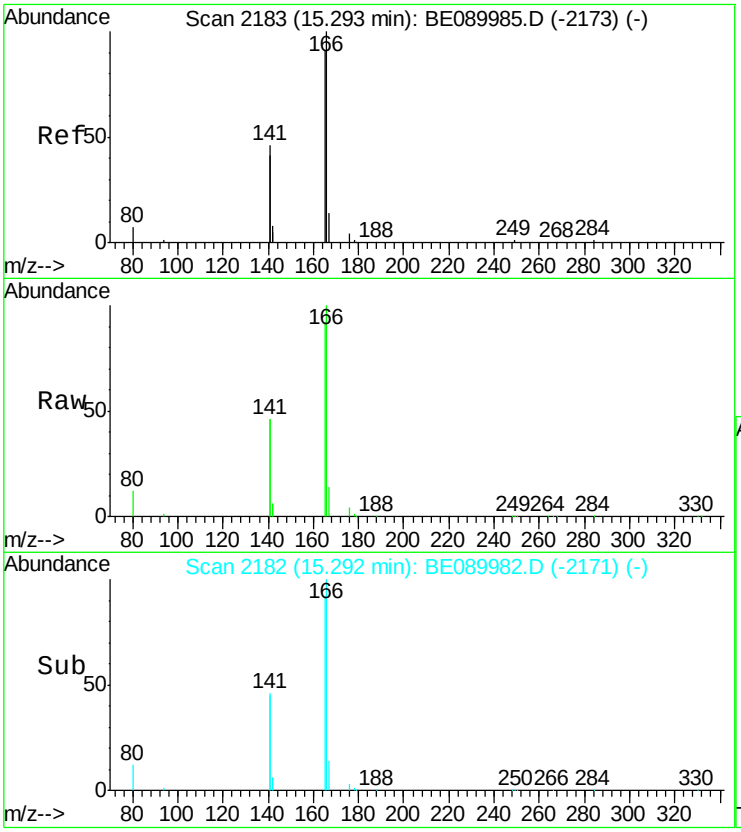


#16
Acenaphthene
Concen: 9.55 ng
RT: 14.29 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:154 Resp: 162607

Ion	Ratio	Lower	Upper
154	100		
153	454.1	358.6	538.0
152	229.9	189.6	284.4



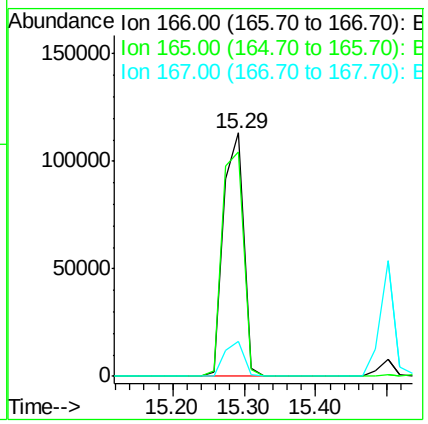


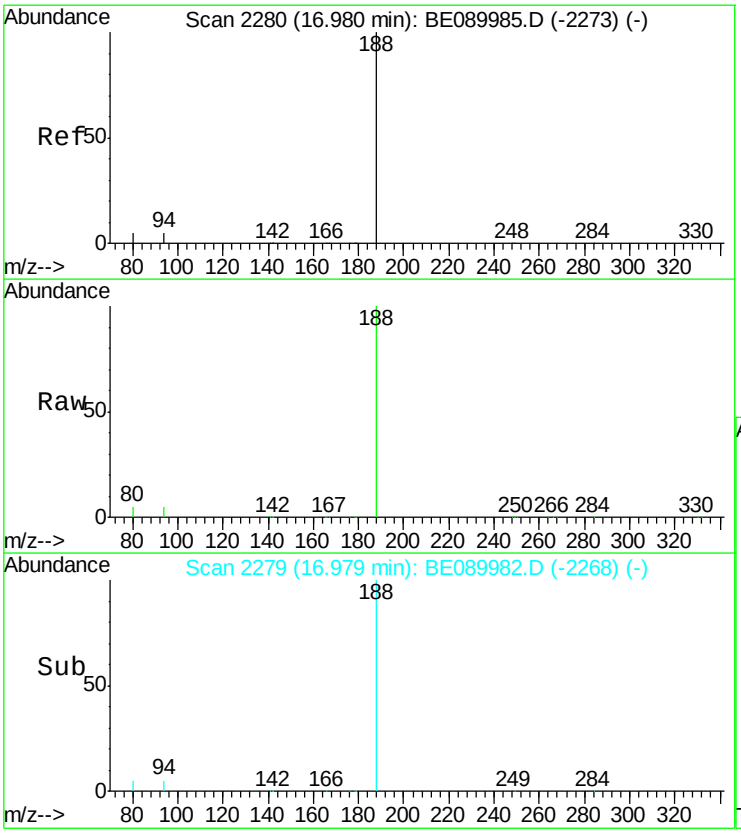
#17
Fluorene
Concen: 9.51 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 220267

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.6
167	13.7	11.8	17.8

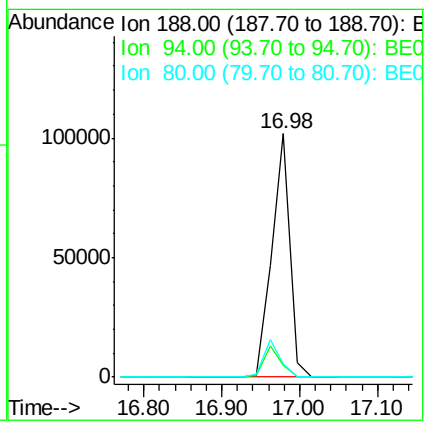


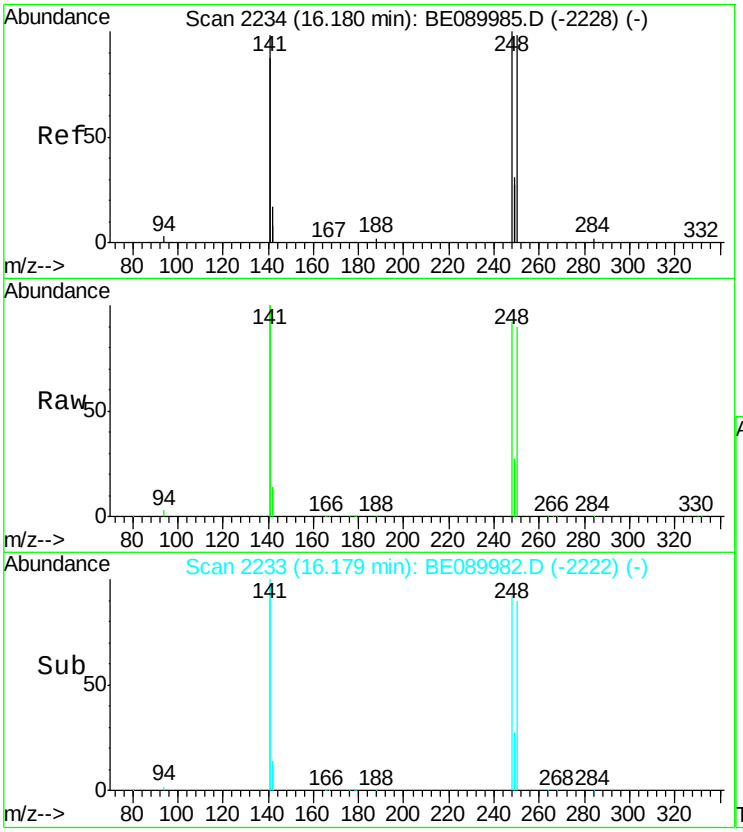


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:188 Resp: 162689

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.1	6.1
80	5.3	4.2	6.2



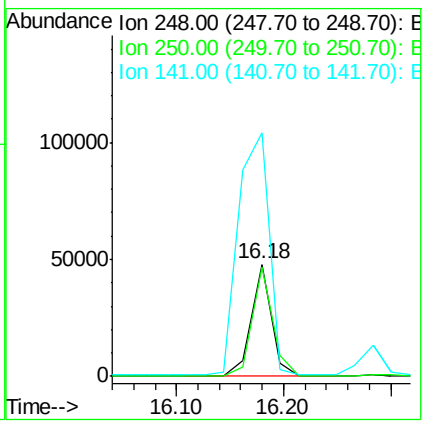


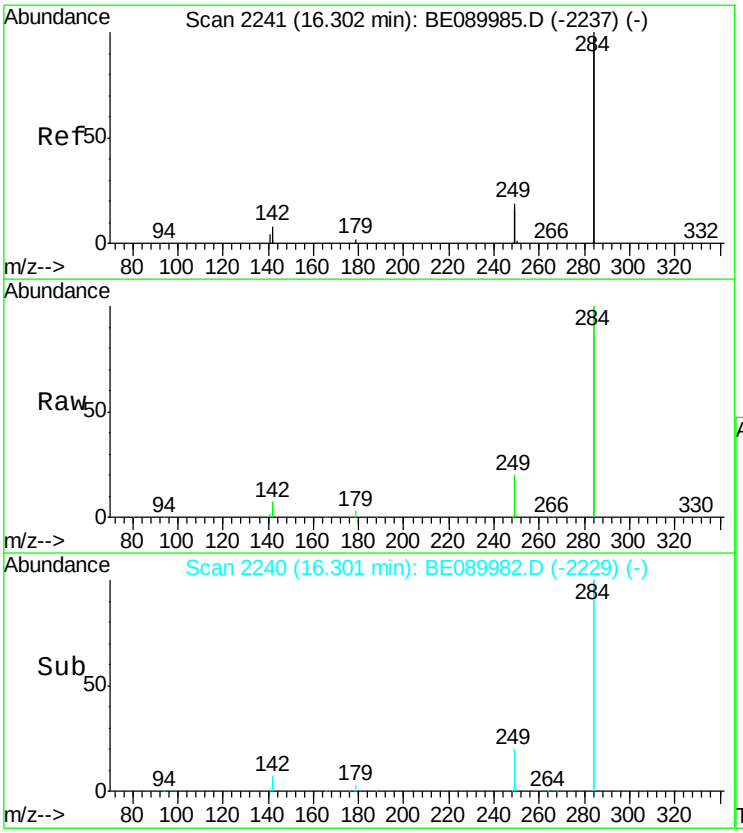
#19
4-Bromophenyl-phenylether
Concen: 9.34 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 63080

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	322.7	248.1	372.1

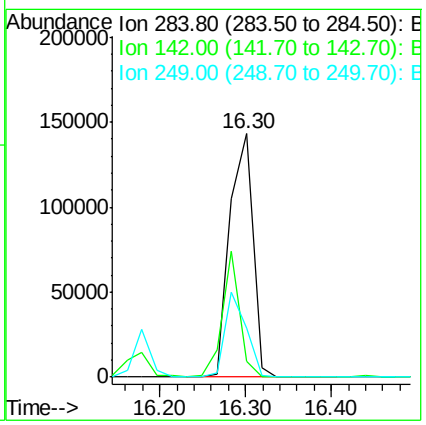


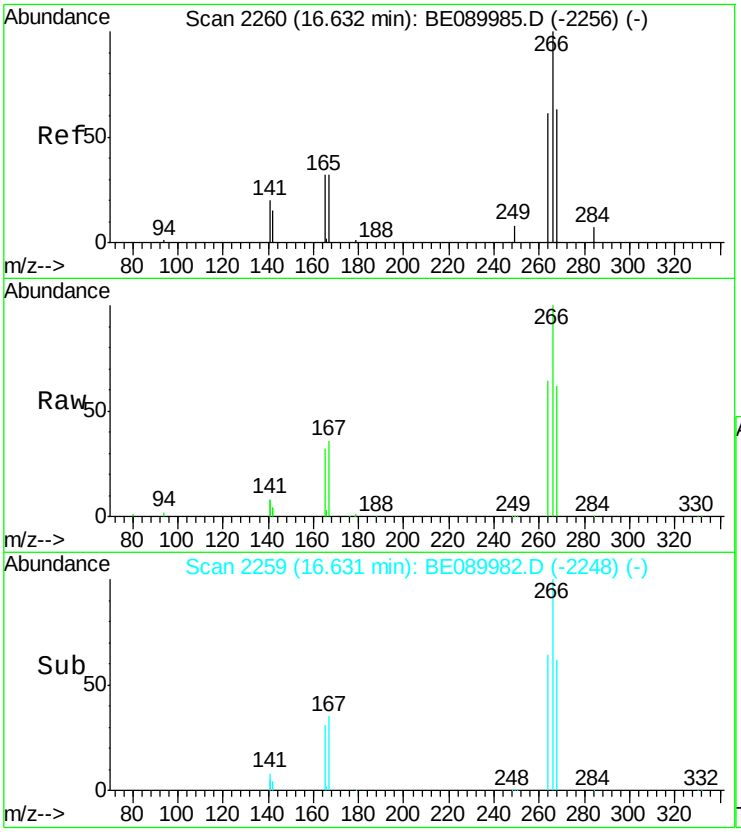


#20
Hexachlorobenzene
Concen: 9.06 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:284 Resp: 265305

Ion	Ratio	Lower	Upper
284	100		
142	38.8	32.6	49.0
249	31.9	25.5	38.3



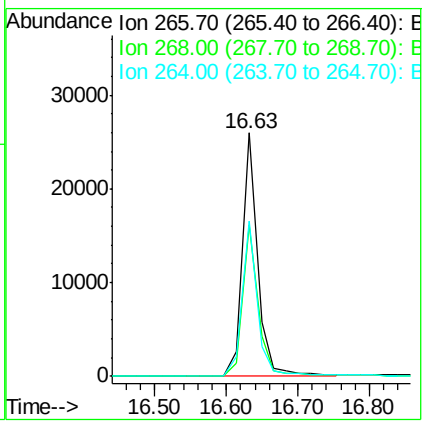


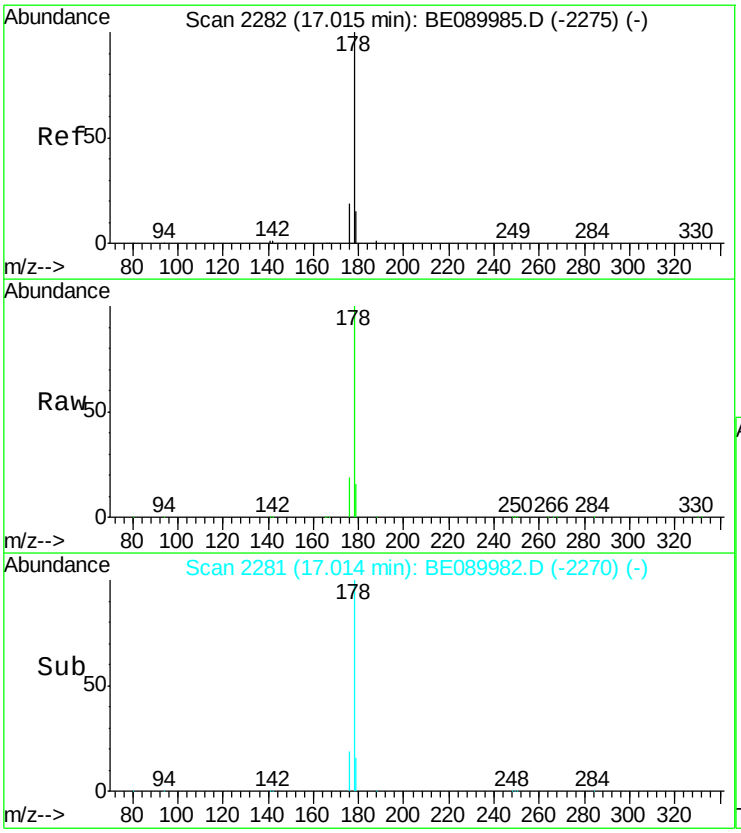
#21
Pentachlorophenol
Concen: 28.28 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 38096

Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.8	77.8
264	63.7	50.2	75.2

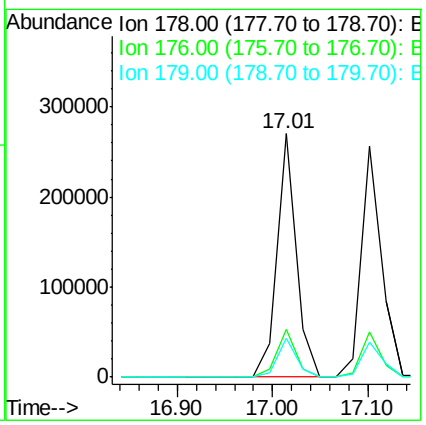


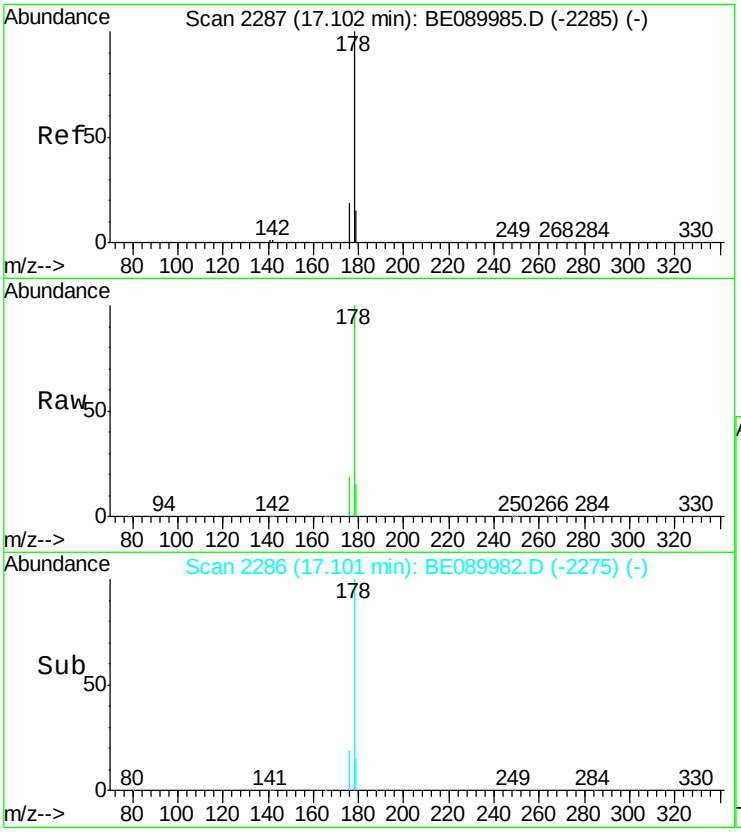


#22
Phenanthrene
Concen: 9.16 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:178 Resp: 378098

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.8	12.4	18.6



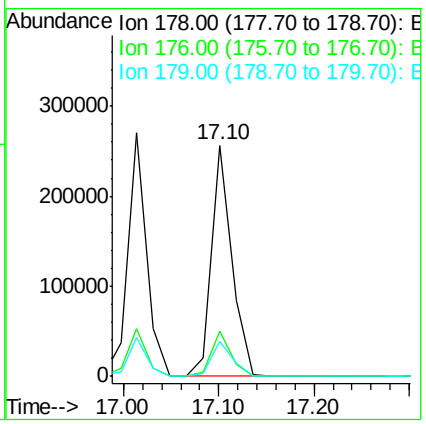


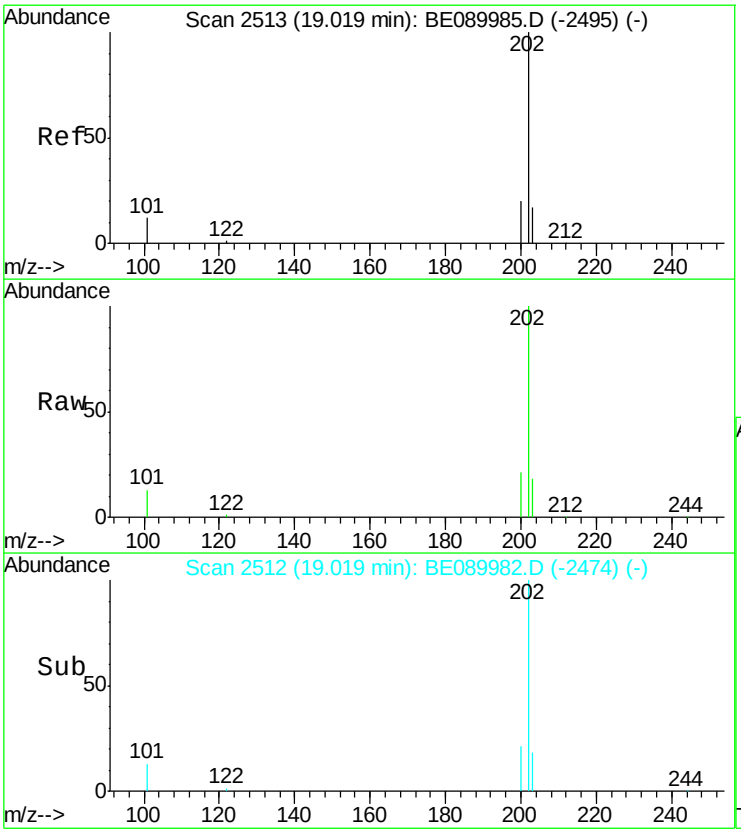
#23
Anthracene
Concen: 9.91 ng
RT: 17.10 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 379048

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.7	22.1
179	15.6	12.1	18.1

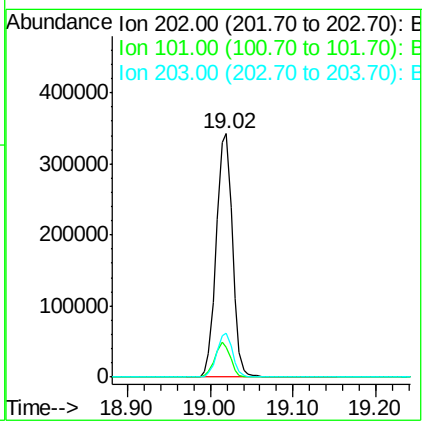


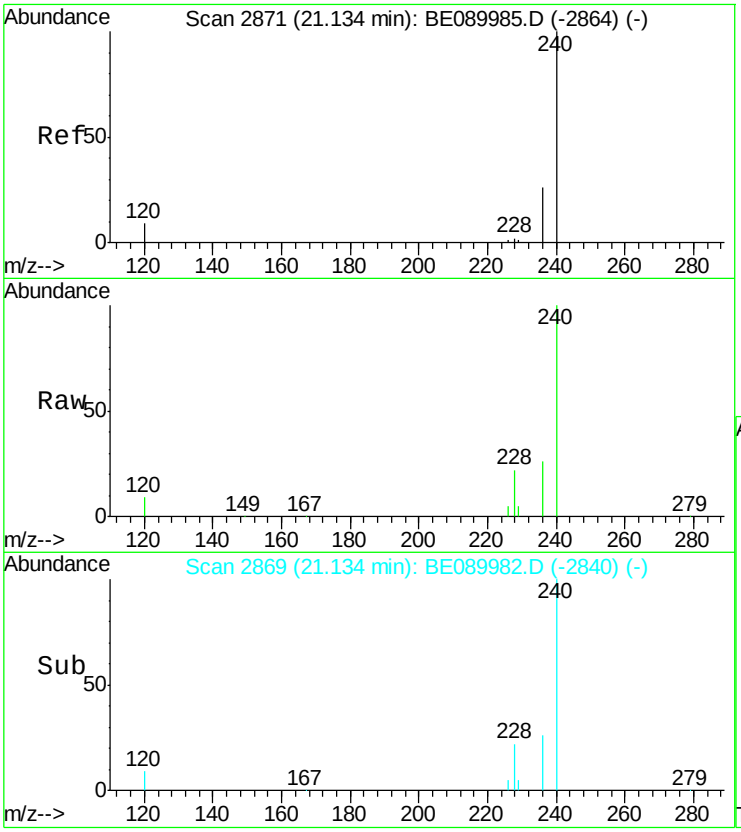


#24
Fluoranthene
Concen: 10.26 ng
RT: 19.02 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:202 Resp: 461274

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	15.8
203	17.6	13.8	20.6



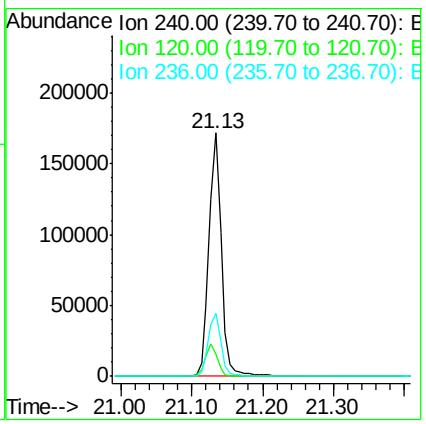


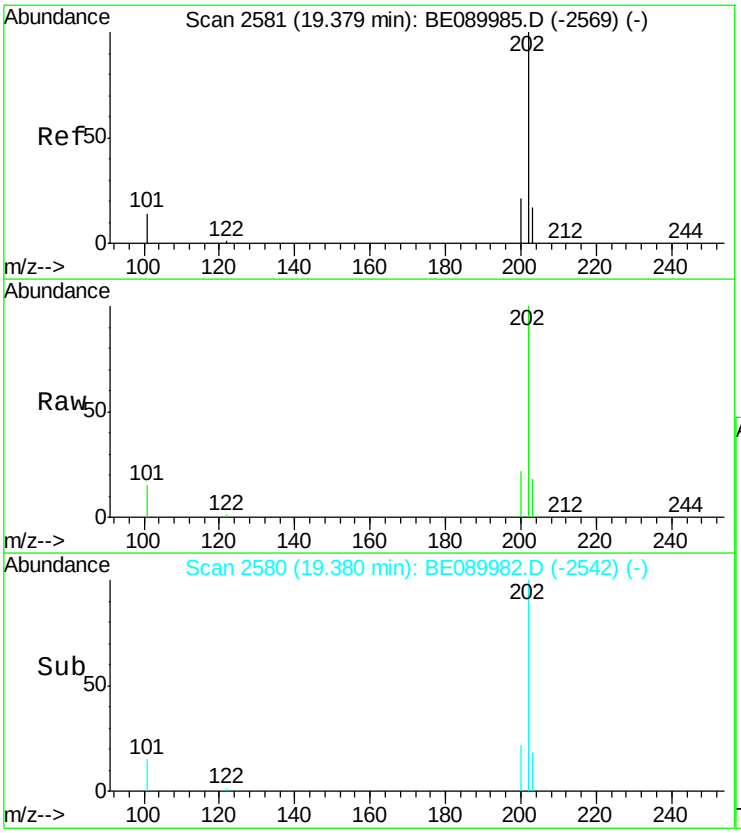
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 209424

Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	26.1	20.8	31.2

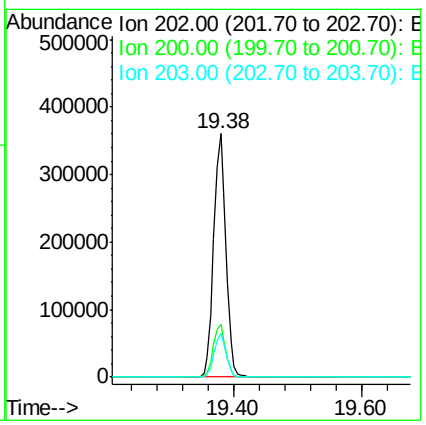


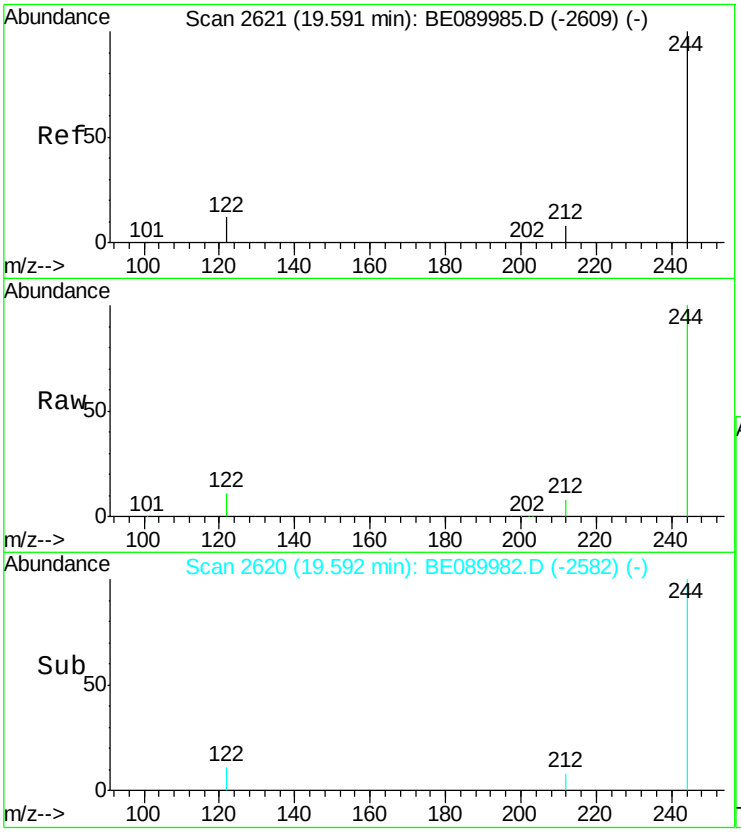


#26
Pyrene
Concen: 9.04 ng
RT: 19.38 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:202 Resp: 477851

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	17.8	13.9	20.9



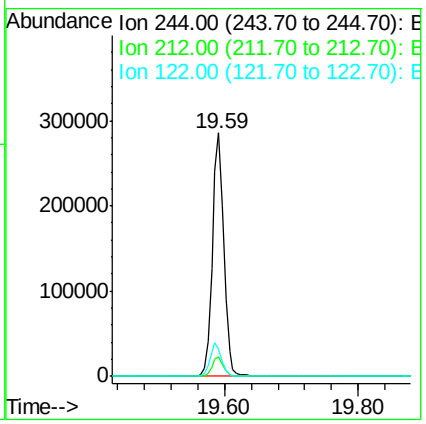


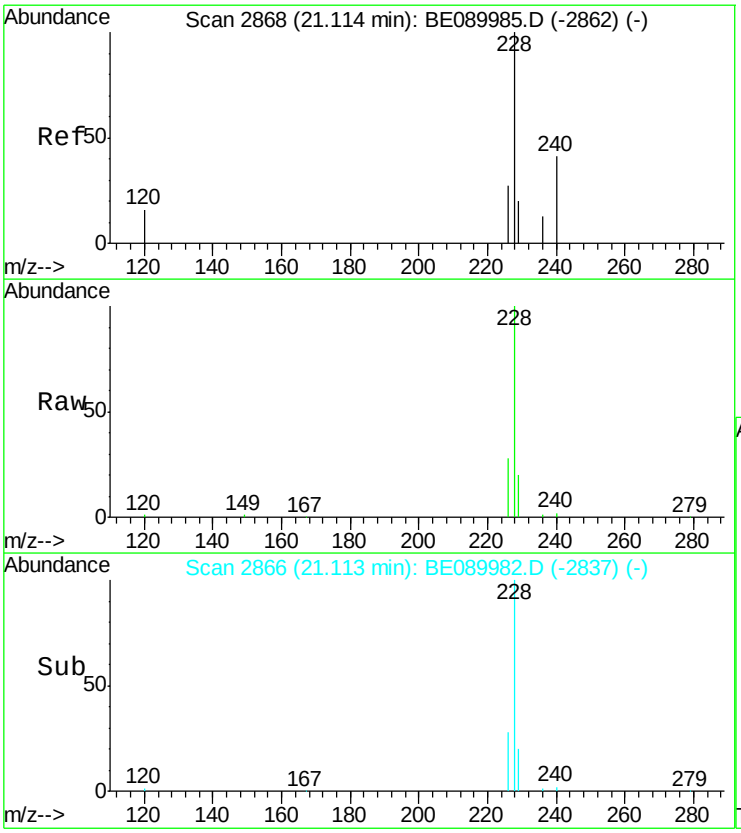
#27
Terphenyl-d14
Concen: 9.19 ng
RT: 19.59 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 334534

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	11.4	9.8	14.8

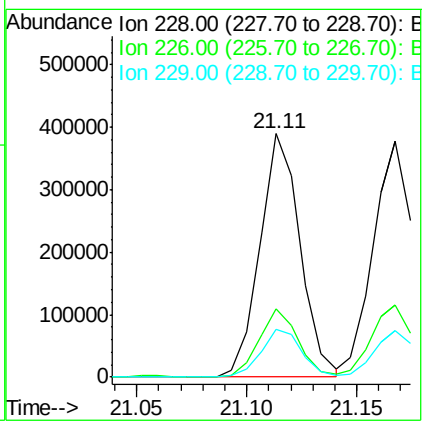


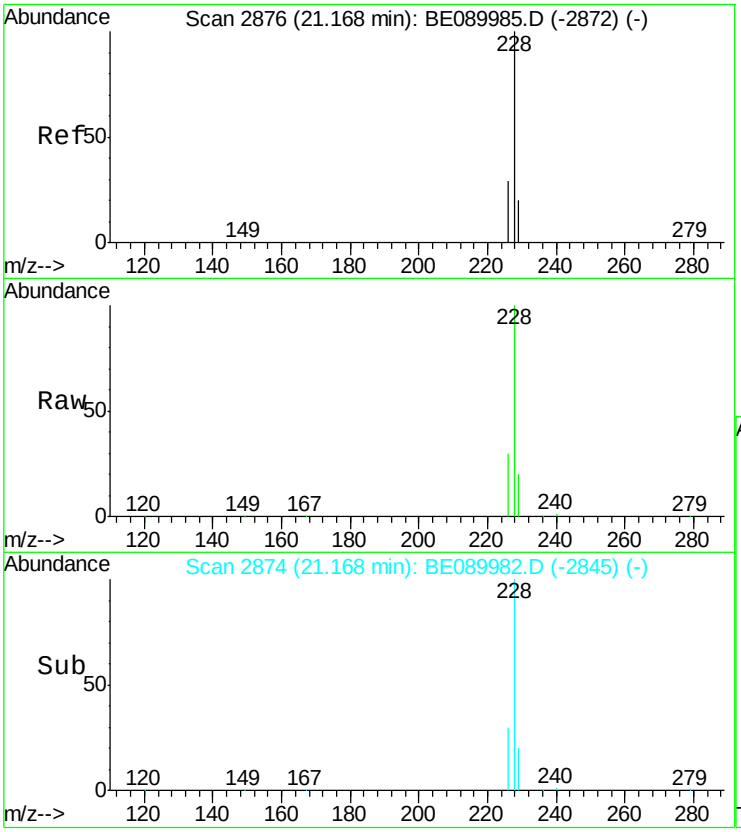


#28
Benzo(a)anthracene
Concen: 9.82 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:228 Resp: 497670

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	19.8	15.8	23.6



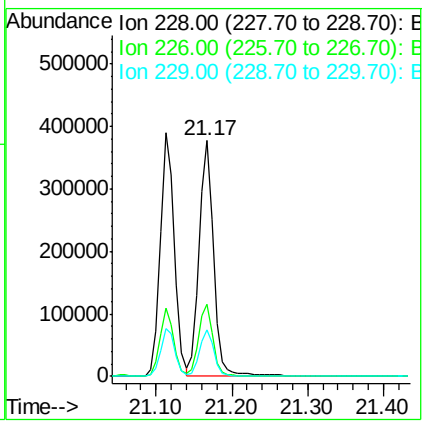


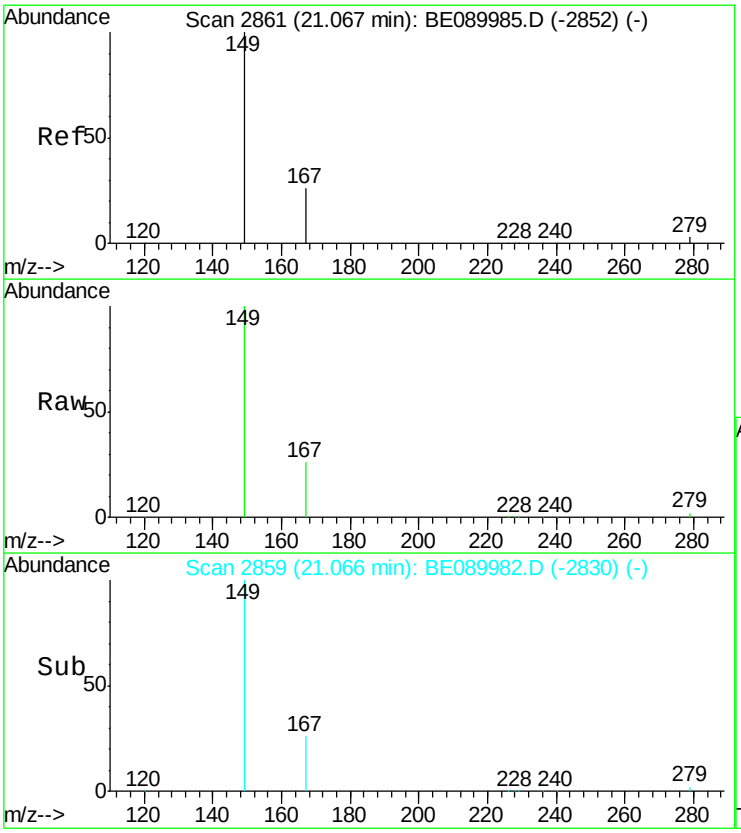
#29
Chrysene
Concen: 9.09 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 502245

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.9	16.2	24.2

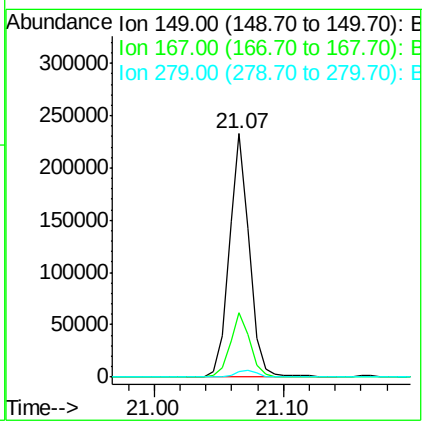


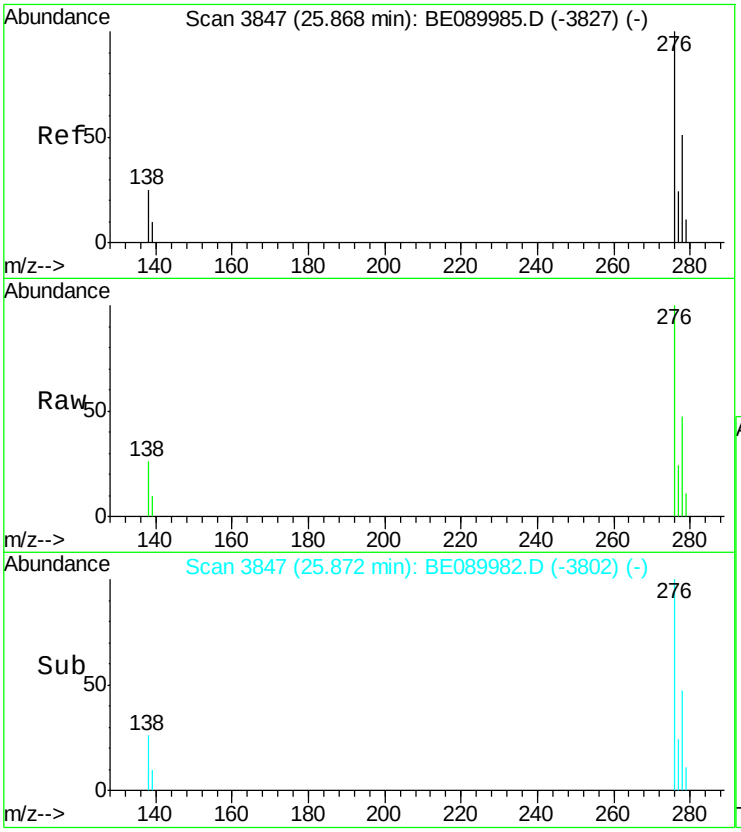


#30
Bis(2-ethylhexyl)phthalate
Concen: 40.79 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:149 Resp: 253679

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.3	30.5
279	3.1	2.6	3.8



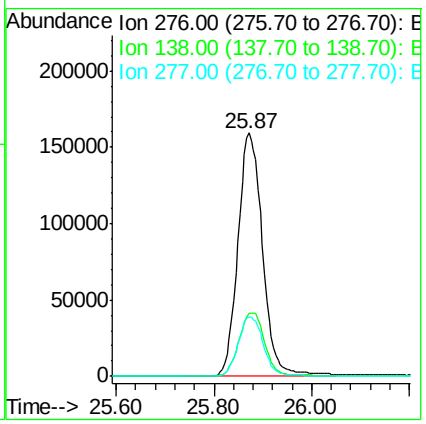


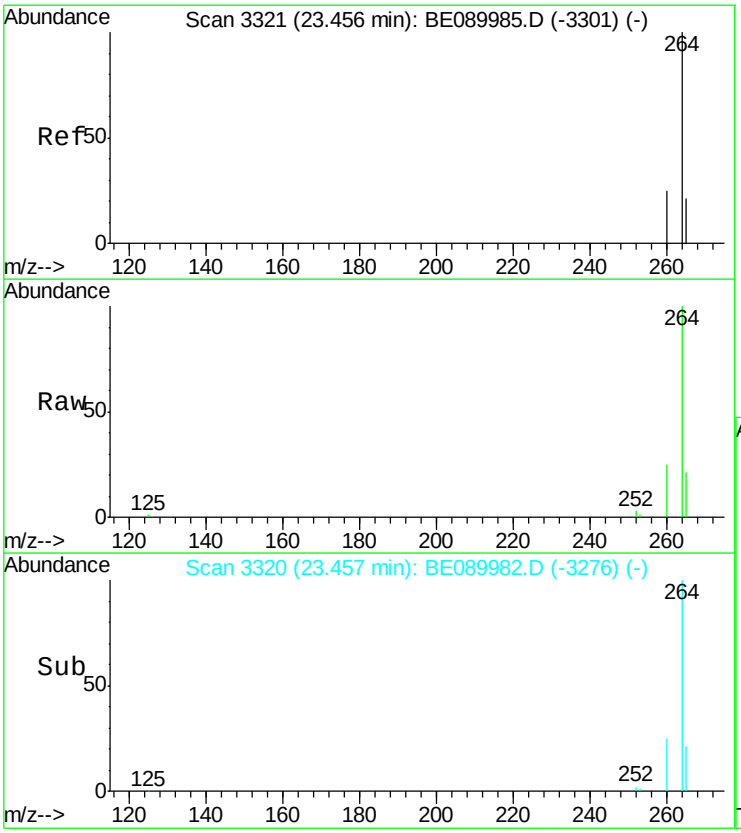
#31
Indeno(1,2,3-cd)pyrene
Concen: 13.37 ng
RT: 25.87 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 559356

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.3	31.9
277	25.1	19.7	29.5

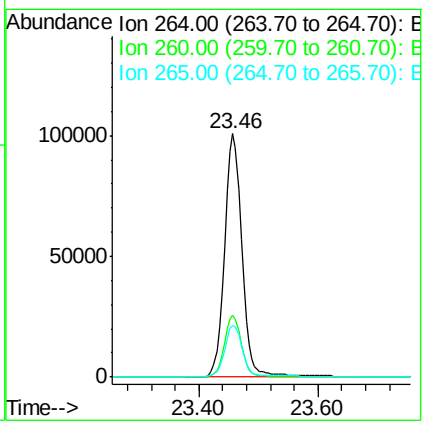


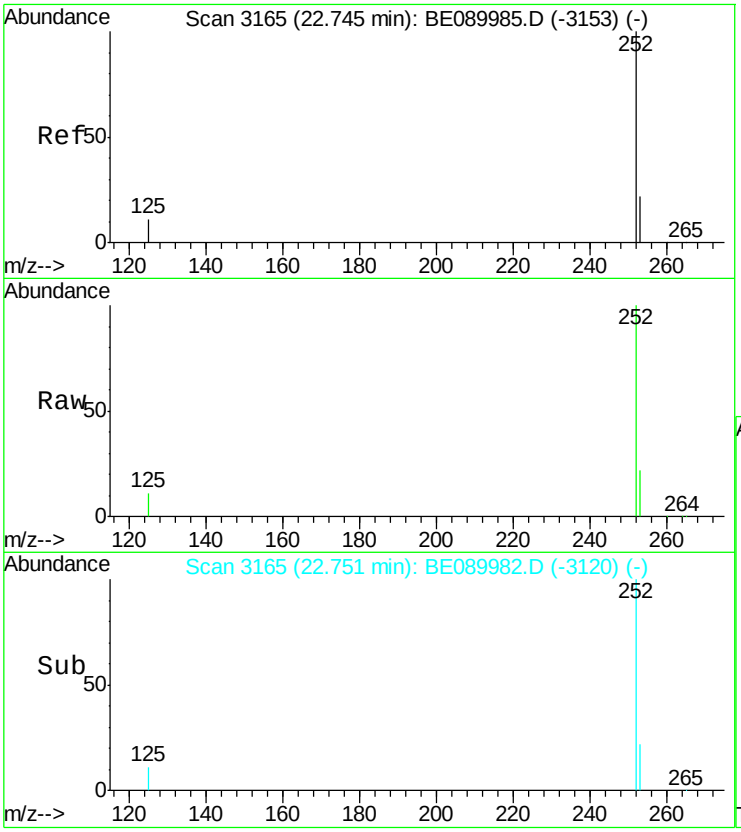


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3320
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:264 Resp: 203666

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



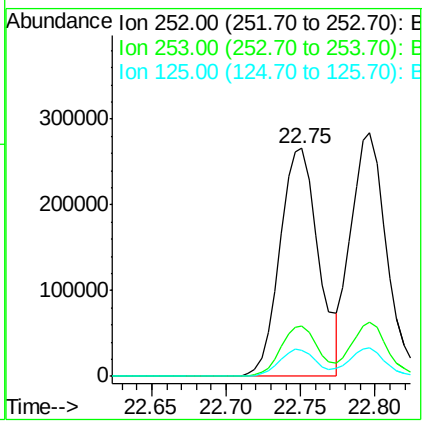


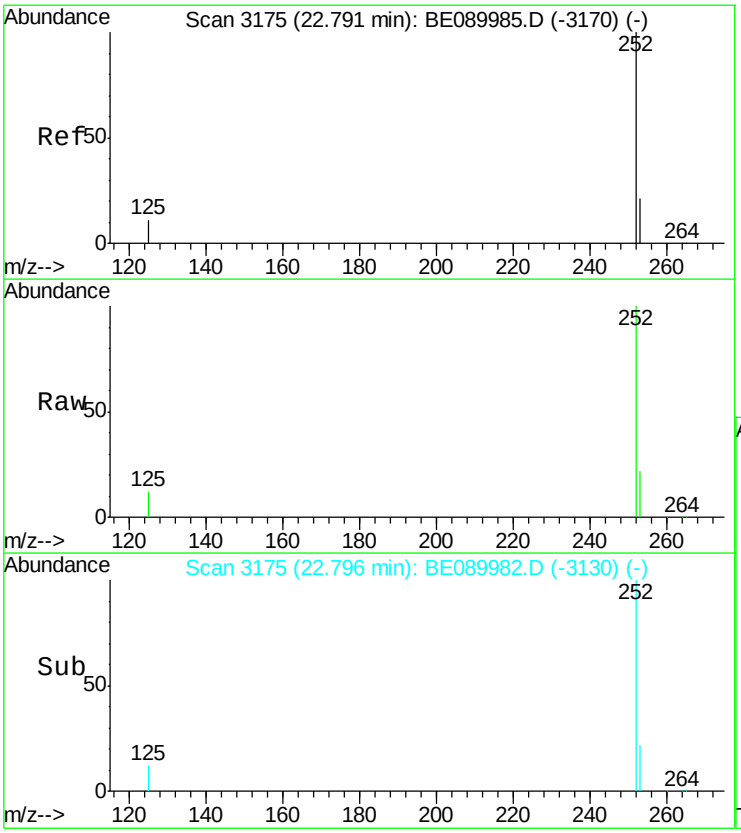
#33
Benzo(b)fluoranthene
Concen: 11.02 ng
RT: 22.75 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 480128

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.4	9.0	13.4

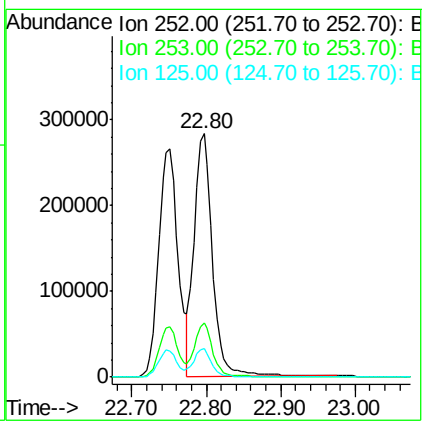


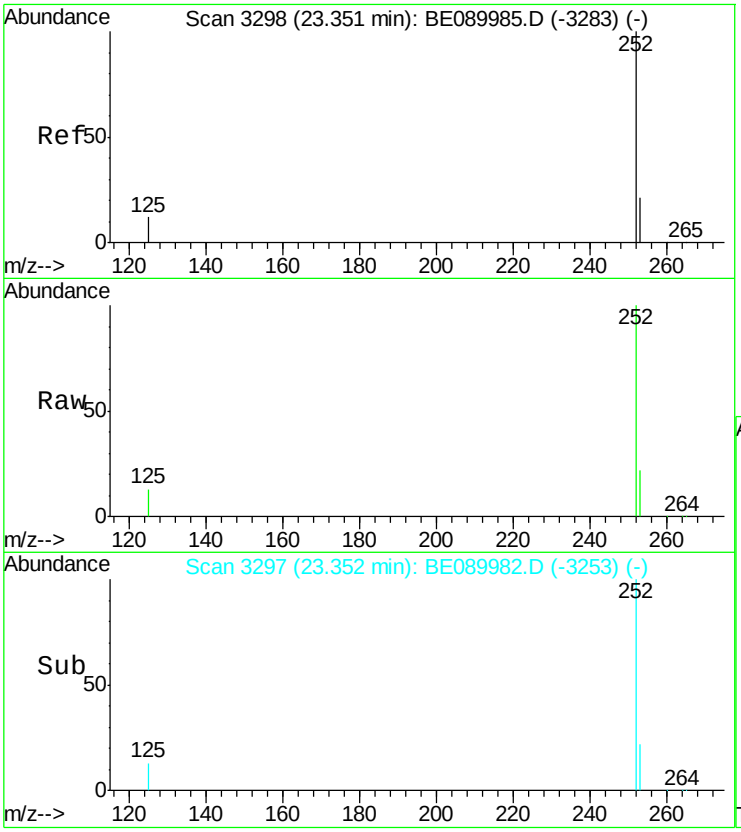


#34
Benzo(k)fluoranthene
Concen: 9.86 ng
RT: 22.80 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:252 Resp: 486835

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.6	9.5	14.3



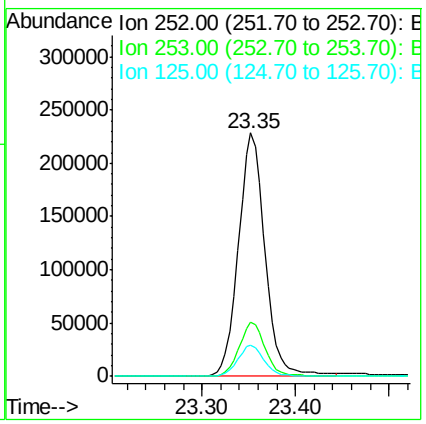


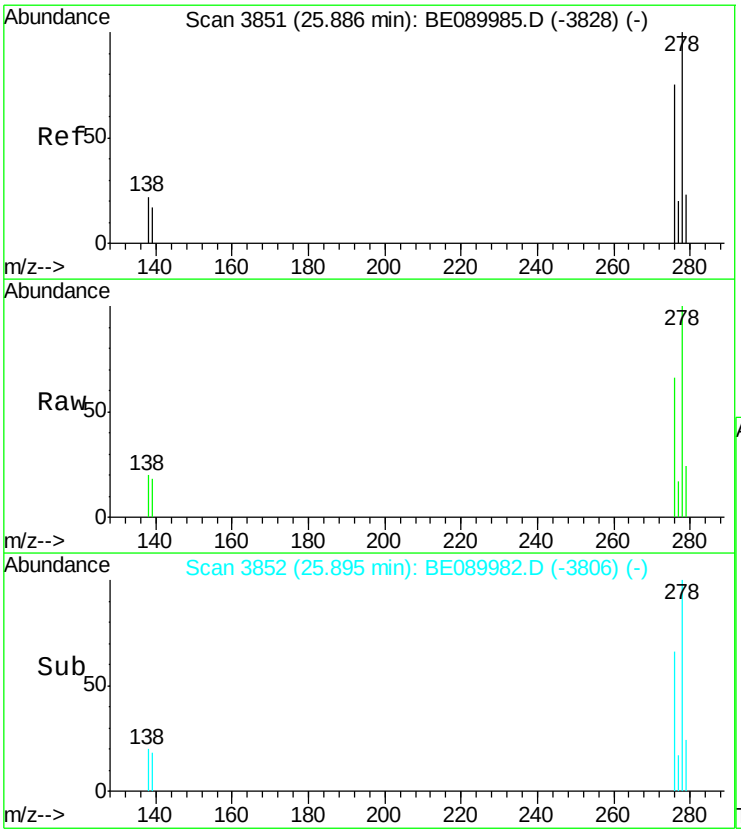
#35
Benzo(a)pyrene
Concen: 11.44 ng
RT: 23.35 min Scan# 3297
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 446461

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.7	10.5	15.7

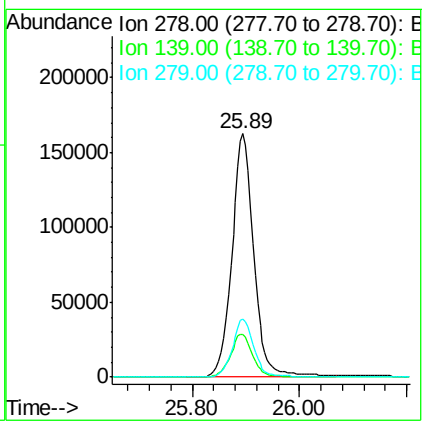


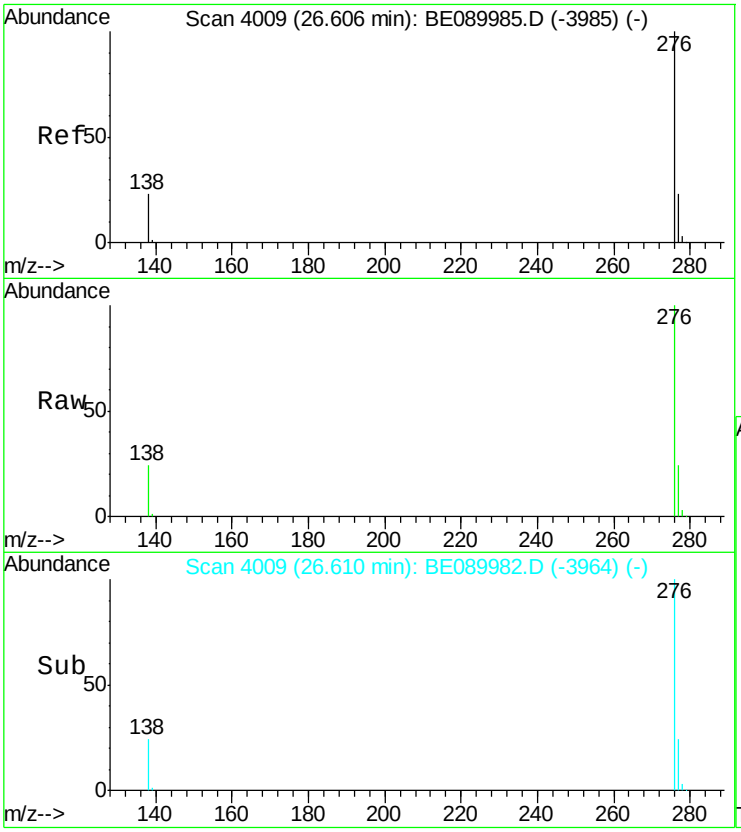


#36
Dibenzo(a,h)anthracene
Concen: 12.50 ng
RT: 25.89 min Scan# 3852
Delta R.T. 0.01 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Tgt Ion:278 Resp: 459260

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.4	21.6
279	23.7	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 11.60 ng
RT: 26.61 min Scan# 4009
Delta R.T. 0.00 min
Lab File: BE089982.D
Acq: 29 Jun 2015 14:21

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 454402

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	24.3	18.6	27.8