Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
Data File : BE090156.D
Acq On : 17 Jul 2015 21:37
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Jul 18 00:03:29 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12360	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	56741	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30944	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	76824	5.00	ng	0.00
25) Chrysene-d12	21.12	240	89228	5.00	ng	0.00
32) Perylene-d12	23.43	264	93589	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	1351	0.50	ng	0.00
5) Phenol-d6	6.80	99	1721	0.46	ng	0.00
7) Nitrobenzene-d5	8.75	82	1752	0.42	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	312	0.55	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	4361	0.46	ng	0.00
27) Terphenyl-d14	19.58	244	6844	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	738	0.45	ng	99
3) n-Nitrosodimethylamine	3.51	42	1020	0.51	ng	95
8) Nitrobenzene	8.79	77	1702	0.39	ng	98
9) Naphthalene	10.42	128	5722	0.45	ng	99
10) Hexachlorobutadiene	10.71	225	711	0.34	ng	98
11) 2-Methylnaphthalene	12.03	142	3738	0.45	ng	99
15) Acenaphthylene	13.93	152	26029	0.47	ng	100
16) Acenaphthene	14.28	154	3652	0.46	ng	98
17) Fluorene	15.27	166	4886	0.47	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	1331	0.41	ng	97
20) Hexachlorobenzene	16.28	284	4757	0.35	ng	99
21) Pentachlorophenol	16.63	266	356	0.55	ng	97
22) Phenanthrene	17.00	178	8090	0.42	ng	99
23) Anthracene	17.10	178	7471	0.44	ng	99
24) Fluoranthene	19.00	202	8994	0.47	ng	99
26) Pyrene	19.36	202	9228	0.39	ng	100
28) Benzo(a)anthracene	21.10	228	9356	0.59	ng	100
29) Chrysene	21.15	228	9776	0.37	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	4399	1.02	ng	100
31) Indeno(1,2,3-cd)pyrene	25.83	276	11281	1.44	ng	99
33) Benzo(b)fluoranthene	22.72	252	8700	0.98	ng	99
34) Benzo(k)fluoranthene	22.77	252	10282	0.52	ng	99
35) Benzo(a)pyrene	23.33	252	8518	0.76	ng	98
36) Dibenzo(a,h)anthracene	25.85	278	8972	1.27	ng	99
37) Benzo(g,h,i)perylene	26.56	276	9496	0.80	ng	97

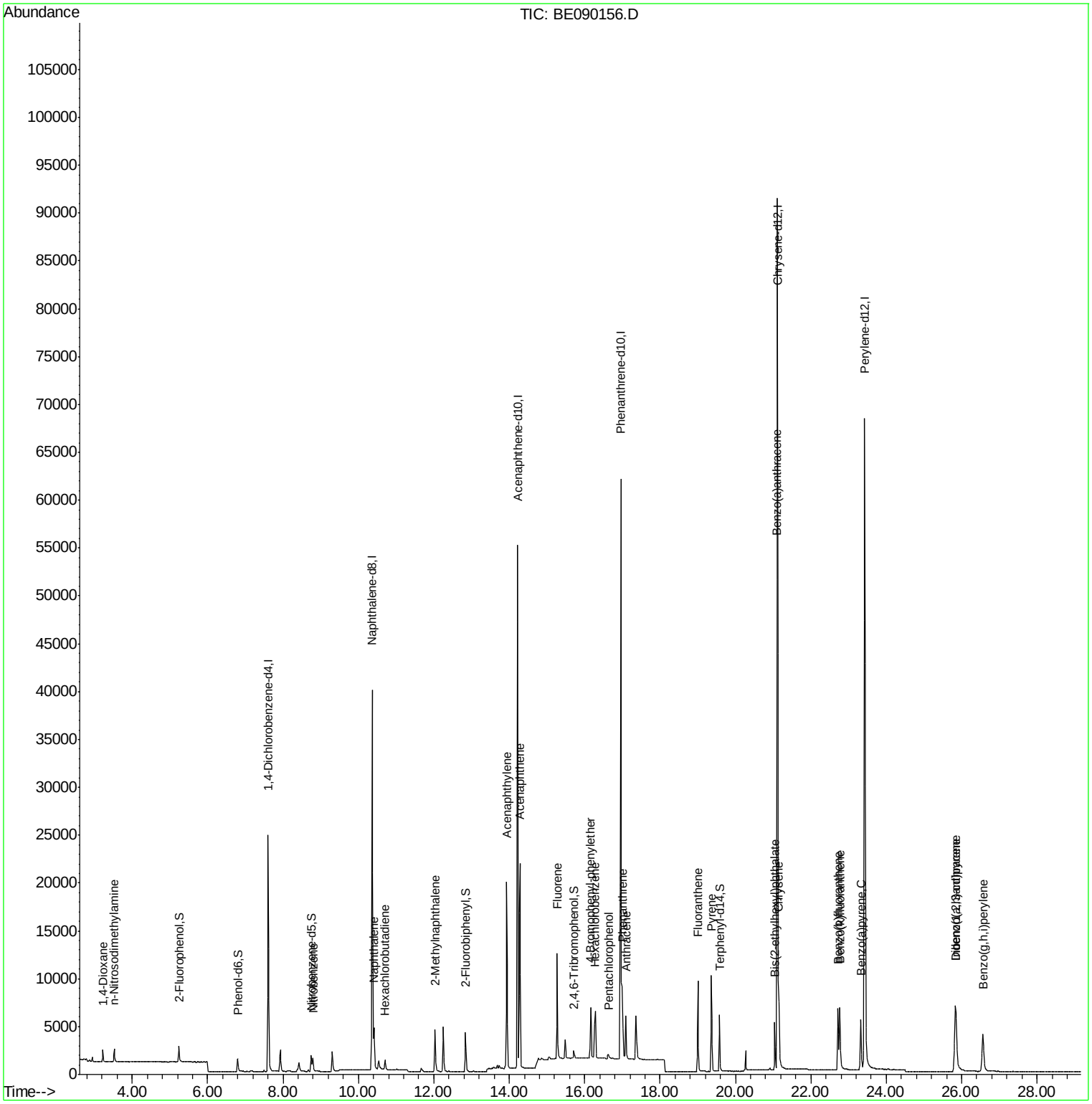
(#) = qualifier out of range (m) = manual integration (+) = signals summed

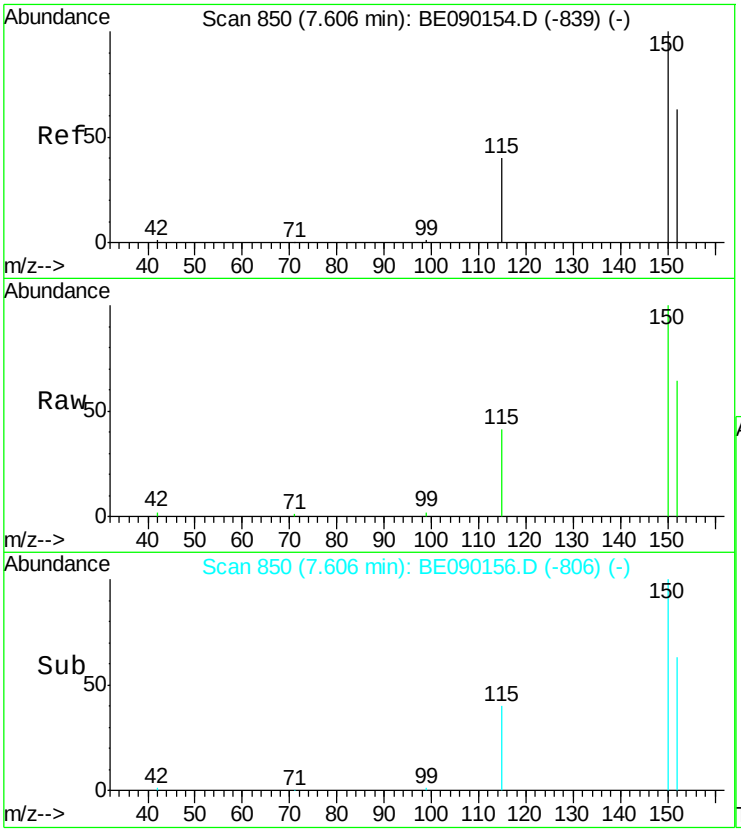
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
Data File : BE090156.D
Acq On : 17 Jul 2015 21:37
Operator : TP/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Jul 18 00:03:29 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration



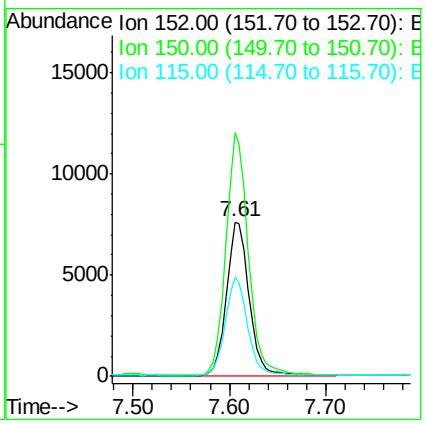


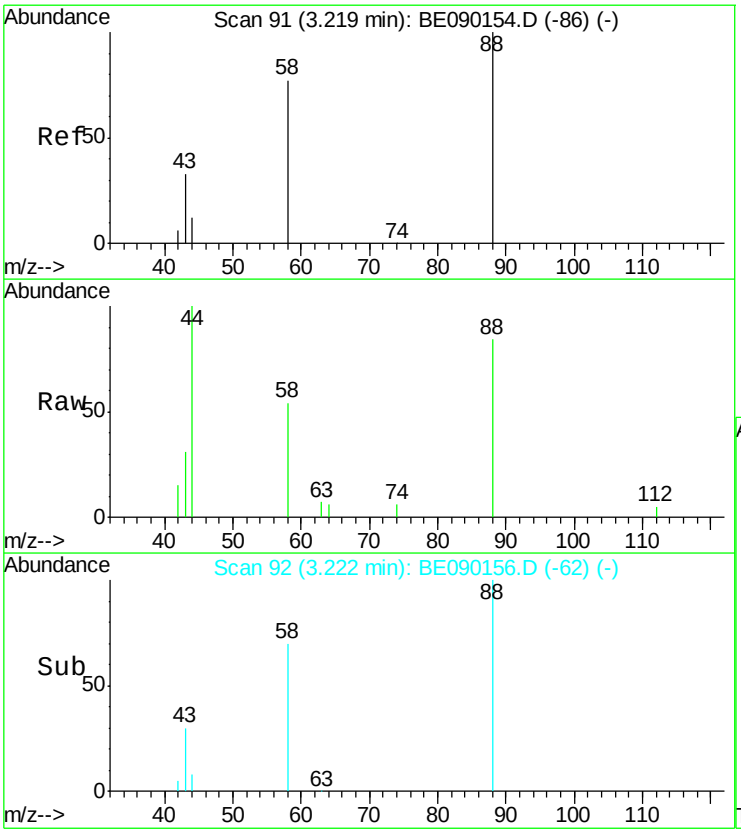
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 850
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 12360

Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.2	190.8
115	63.8	51.6	77.4

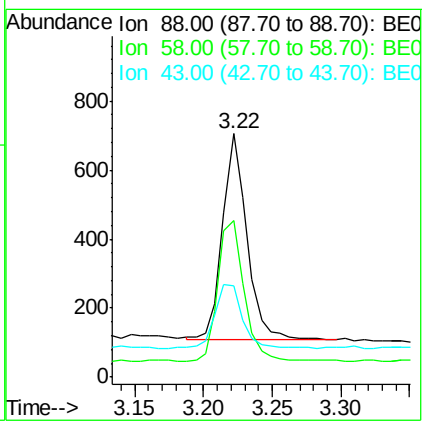


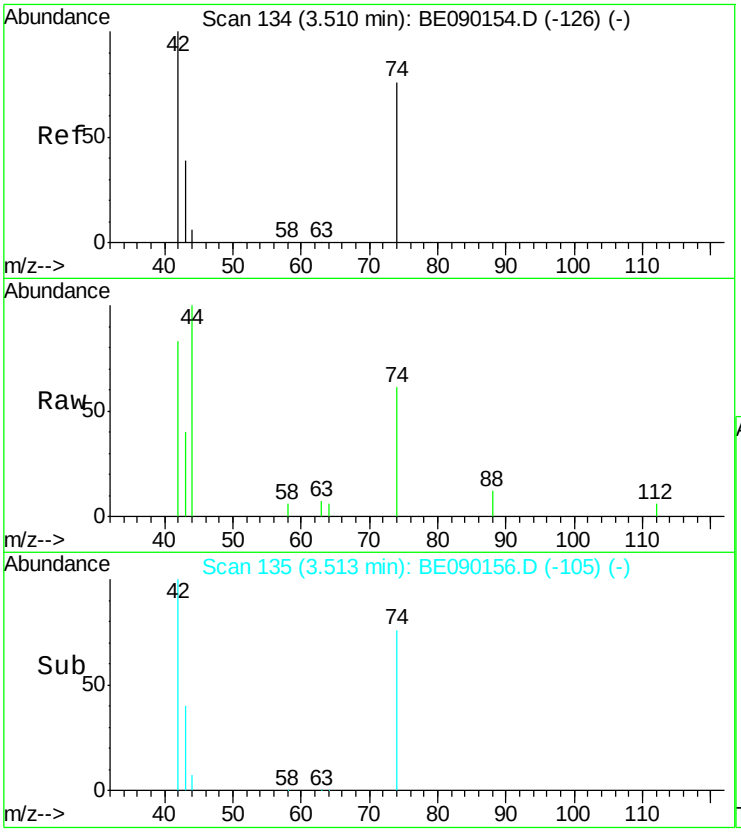


#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.22 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion: 88 Resp: 738

Ion	Ratio	Lower	Upper
88	100		
58	72.1	58.2	87.2
43	34.7	27.7	41.5



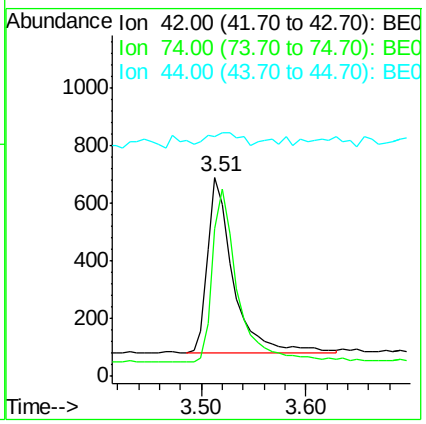


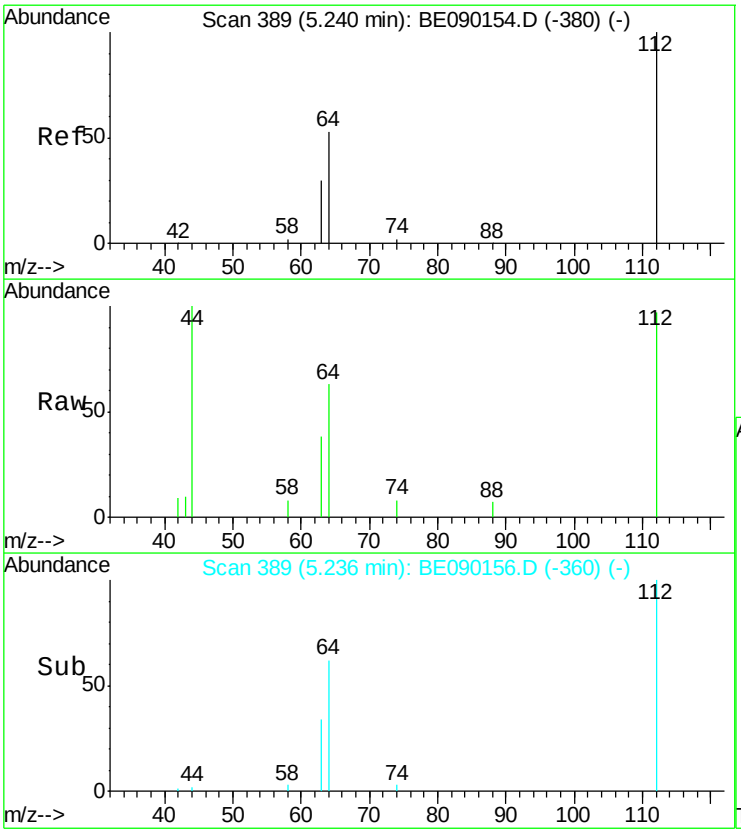
#3
n-Nitrosodimethylamine
Concen: 0.51 ng
RT: 3.51 min Scan# 135
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 1020

Ion	Ratio	Lower	Upper
42	100		
74	97.7	82.2	123.4
44	8.7	7.5	11.3

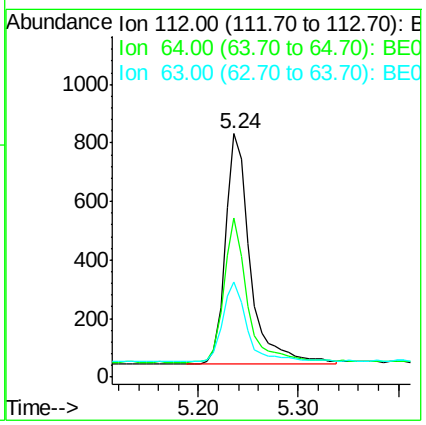


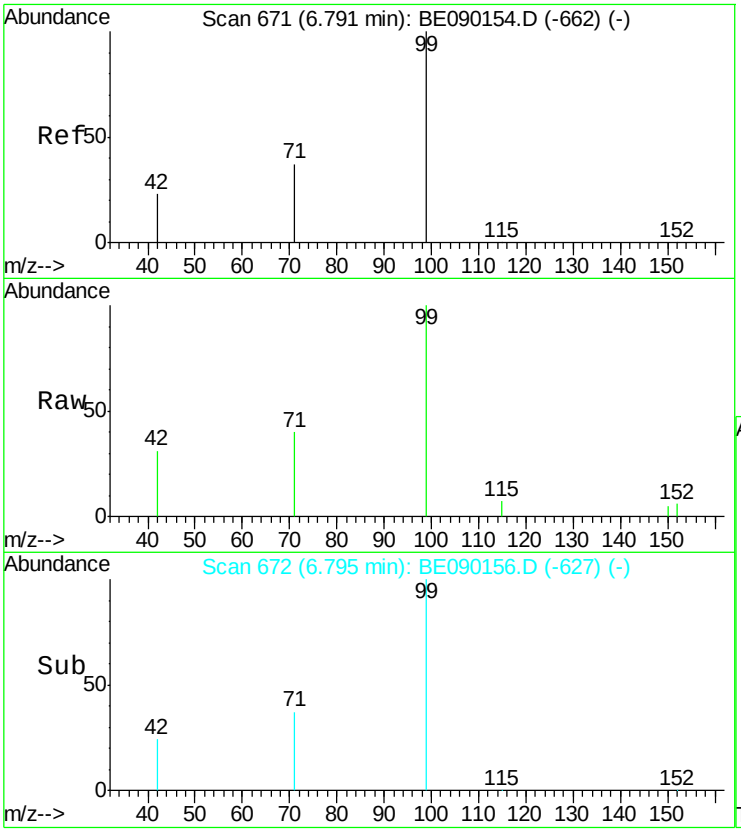


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:112 Resp: 1351

Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.7	70.1
63	34.0	27.3	40.9



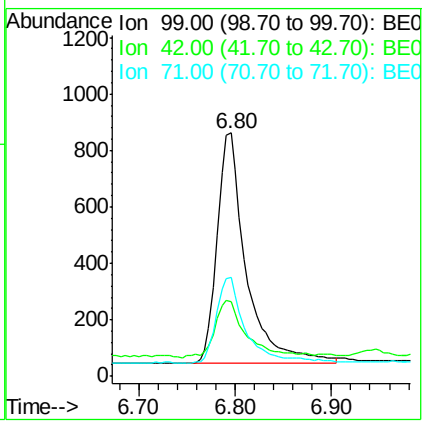


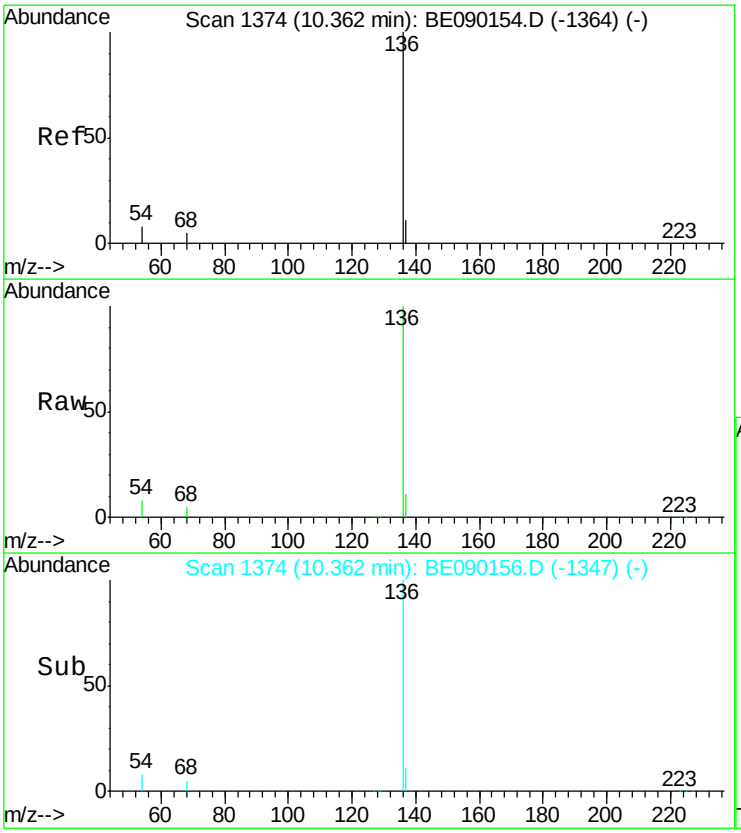
#5
Phenol-d6
Concen: 0.46 ng
RT: 6.80 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 1721

Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.1	28.7
71	37.5	29.4	44.2

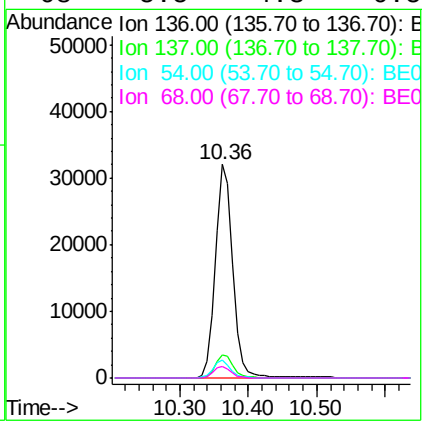


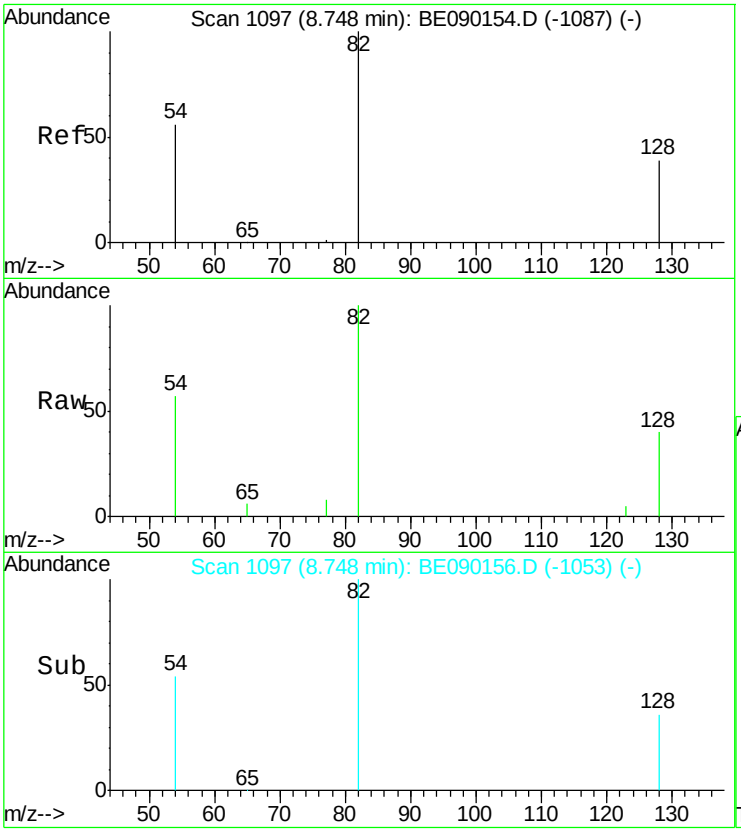


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:136 Resp: 56741

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.3	9.5
68	5.5	4.3	6.5



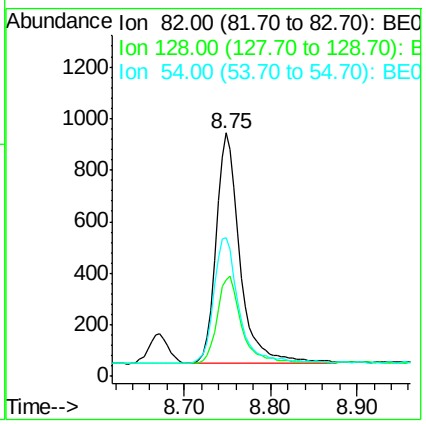


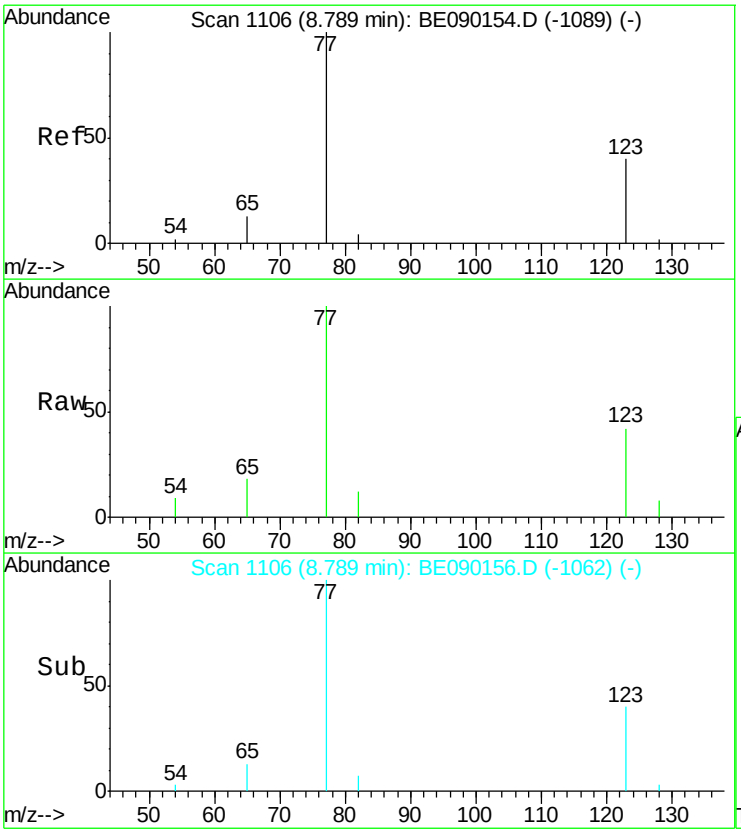
#7
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 82 Resp: 1752

Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.7	49.1
54	57.2	45.9	68.9

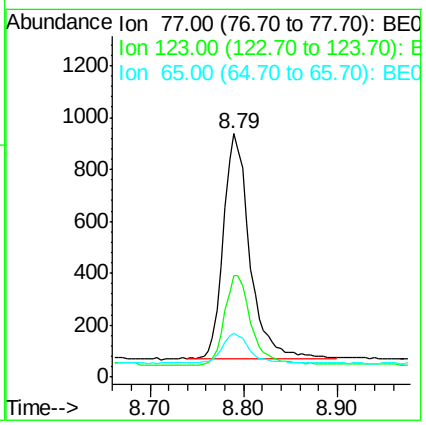


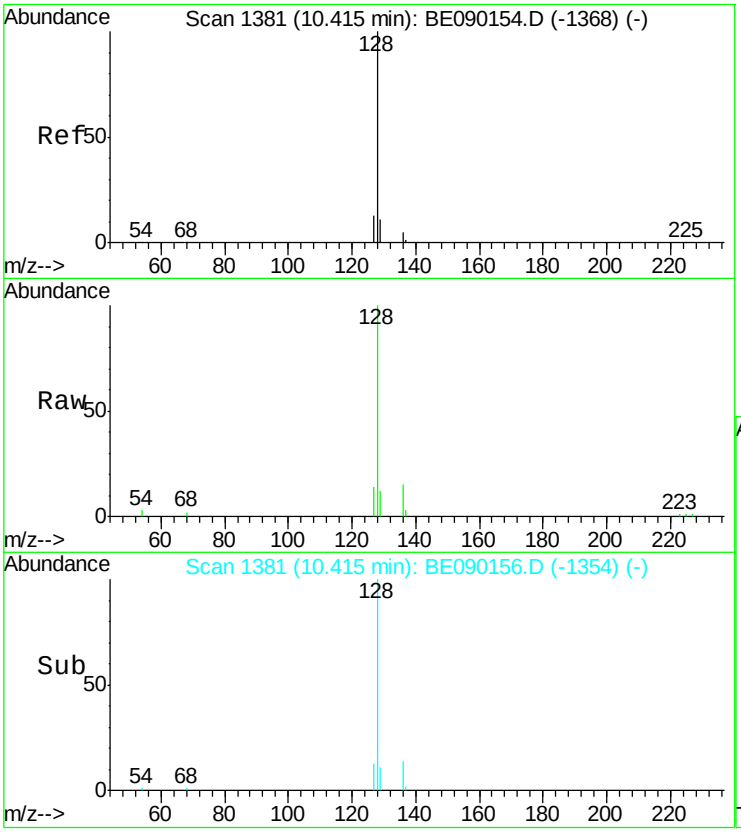


#8
Nitrobenzene
Concen: 0.39 ng
RT: 8.79 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion: 77 Resp: 1702

Ion	Ratio	Lower	Upper
77	100		
123	41.5	32.3	48.5
65	13.6	10.4	15.6



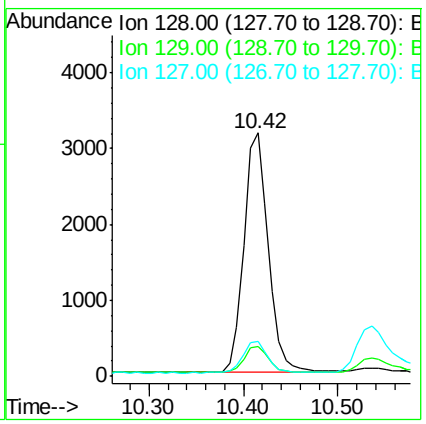


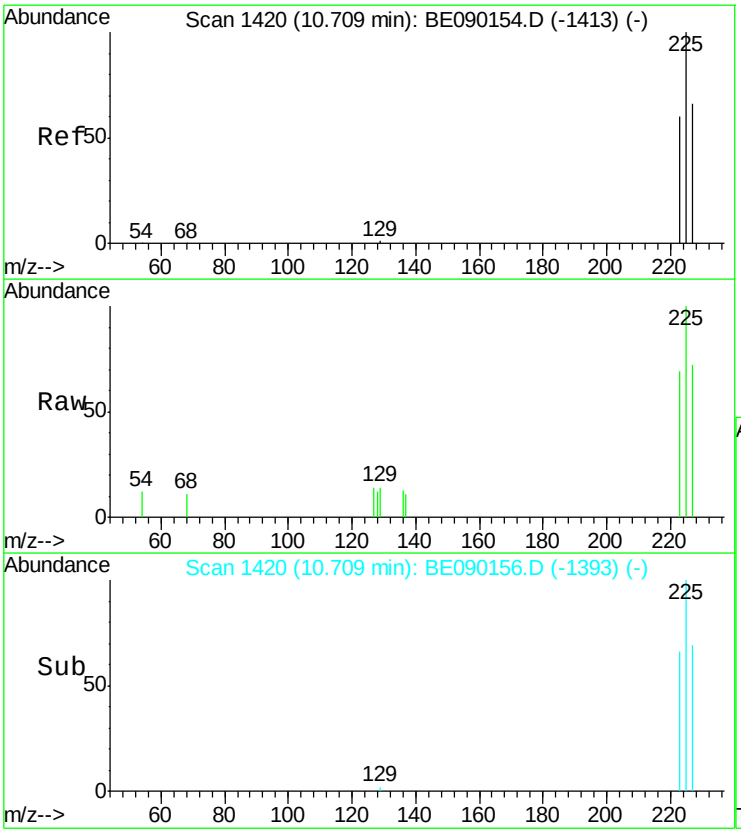
#9
Naphthalene
Concen: 0.45 ng
RT: 10.42 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:128 Resp: 5722

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.1	10.7	16.1

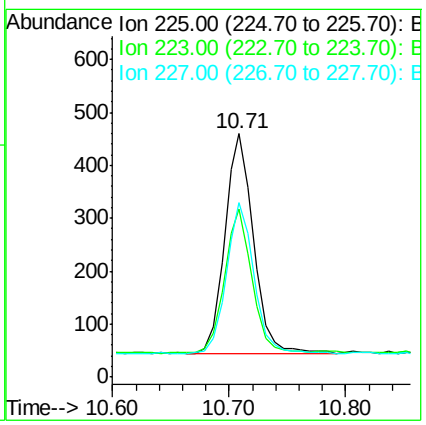


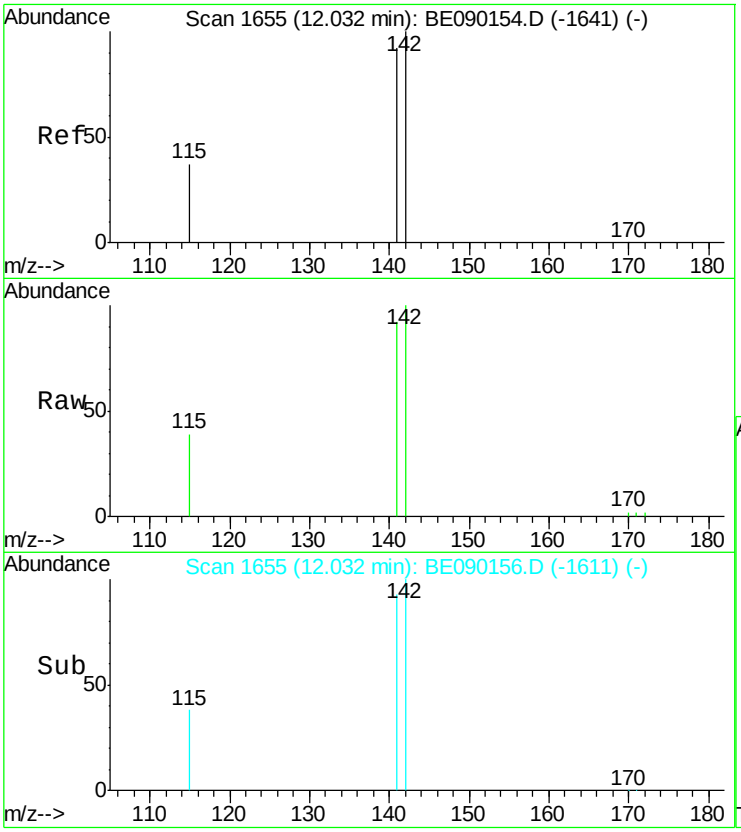


#10
Hexachlorobutadiene
Concen: 0.34 ng
RT: 10.71 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:225 Resp: 711

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.3	75.5
227	66.9	51.3	76.9



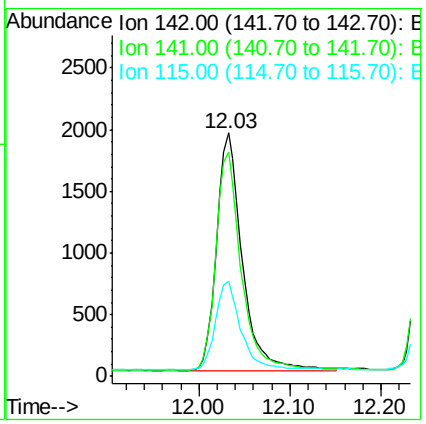


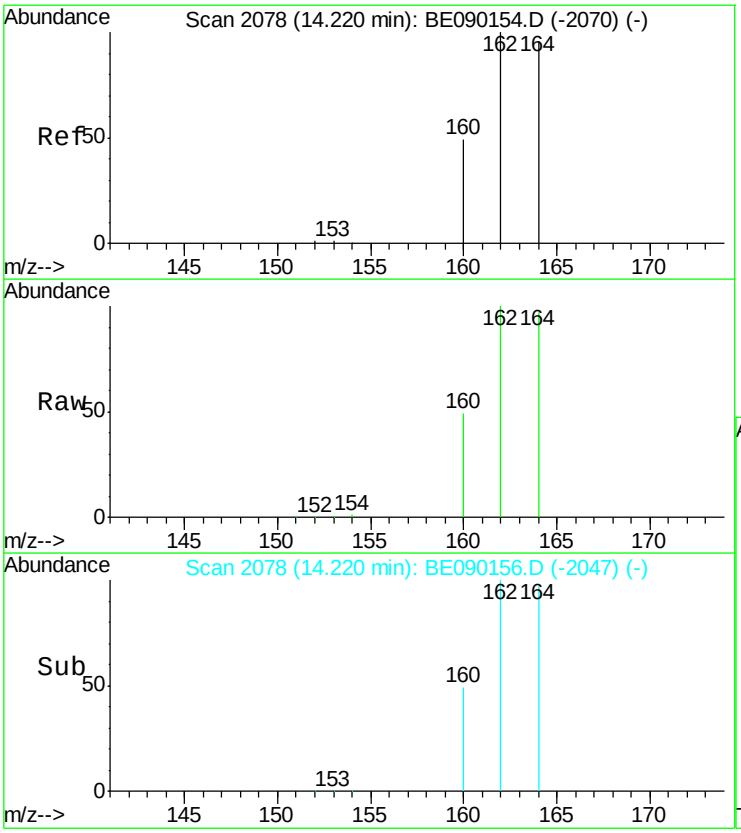
#11
2-Methylnaphthalene
Concen: 0.45 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:142 Resp: 3738

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
115	39.3	30.0	45.0

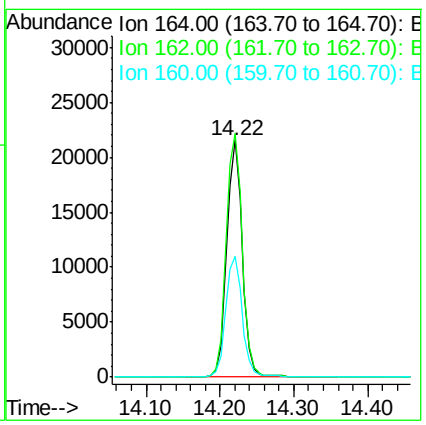


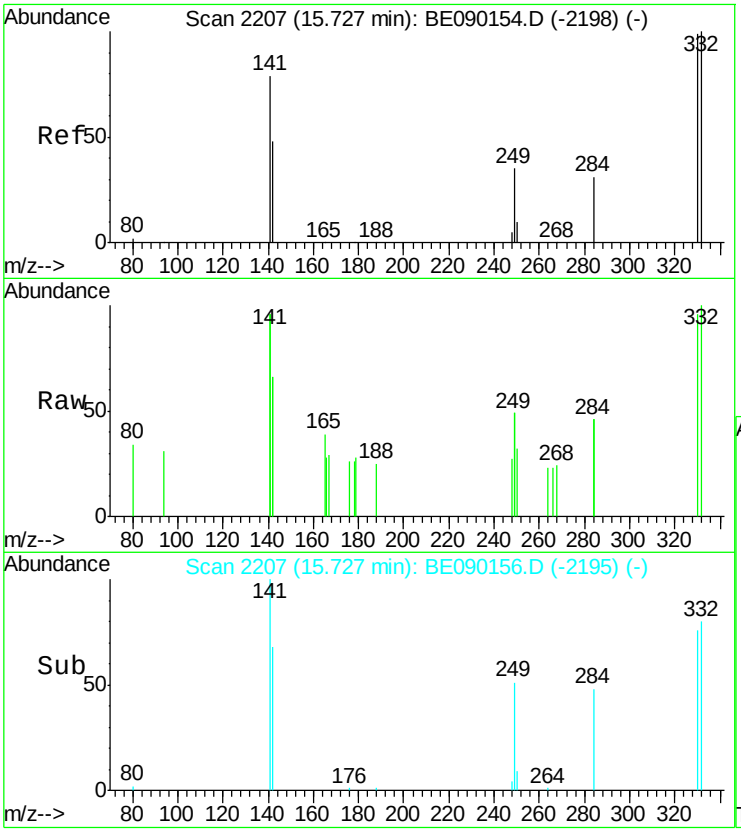


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:164 Resp: 30944

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.3	124.9
160	50.8	40.9	61.3



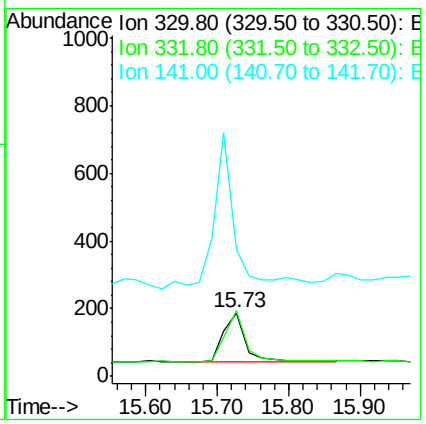


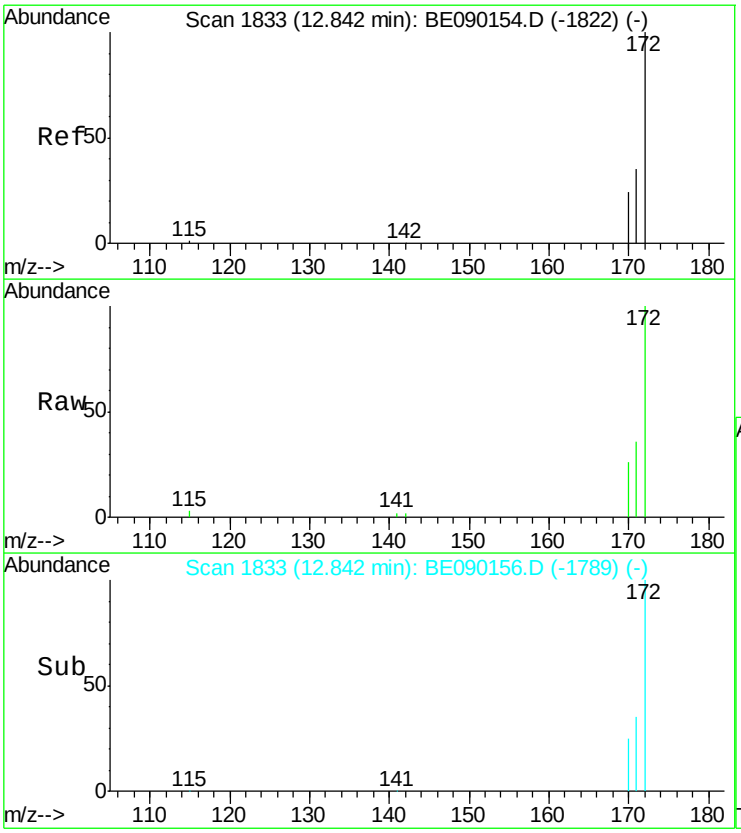
#13
2,4,6-Tribromophenol
Concen: 0.55 ng
RT: 15.73 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:330 Resp: 312

Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.2	117.2
141	287.8	215.8	323.6

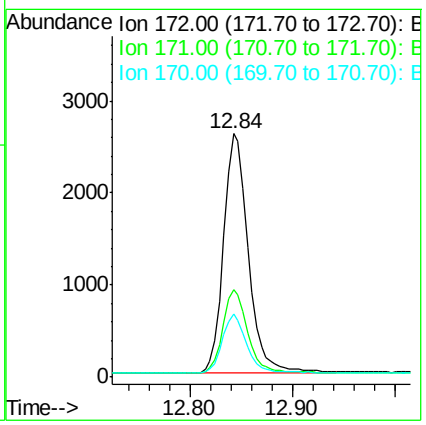


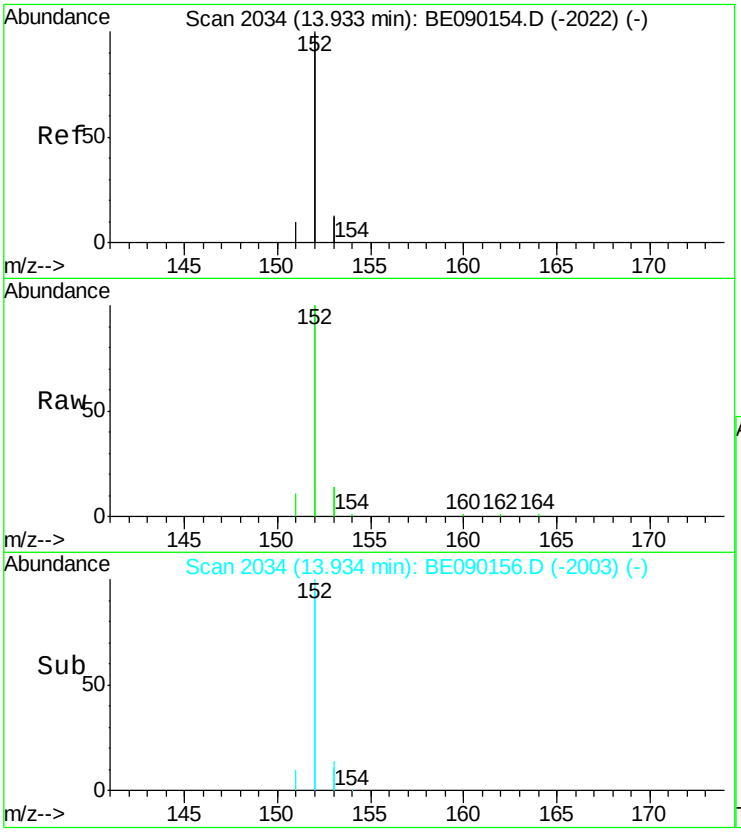


#14
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 12.84 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:172 Resp: 4361

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	26.0	19.7	29.5



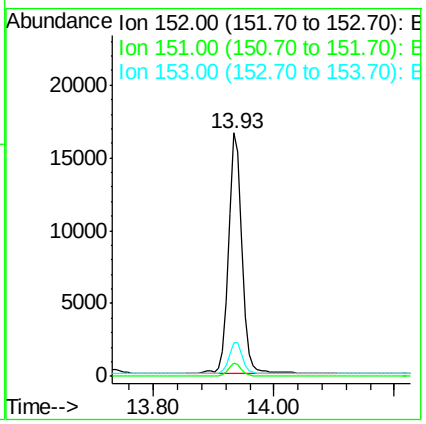


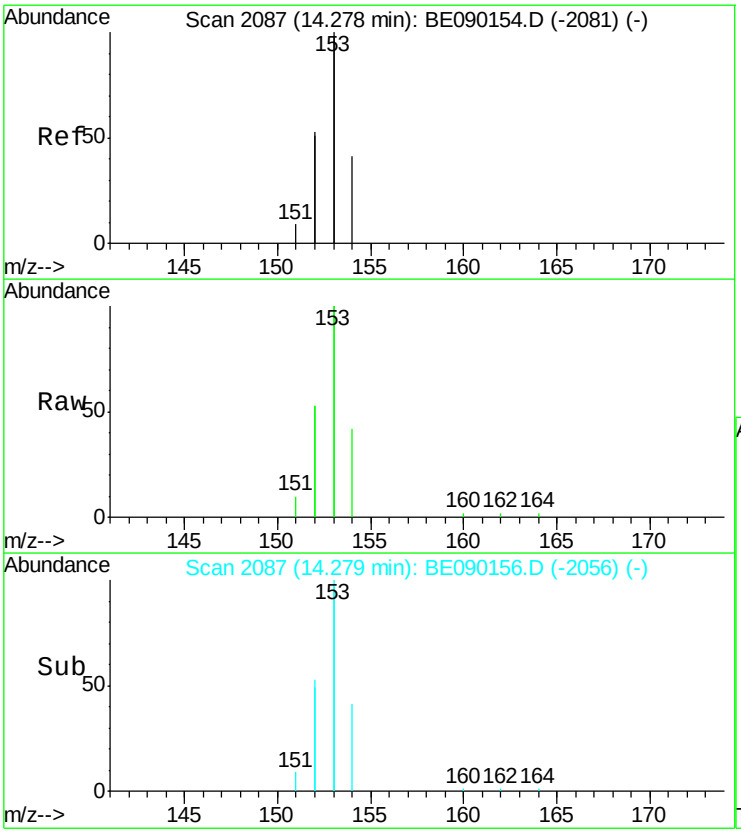
#15
Acenaphthylene
Concen: 0.47 ng
RT: 13.93 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 26029

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.2	10.4	15.6

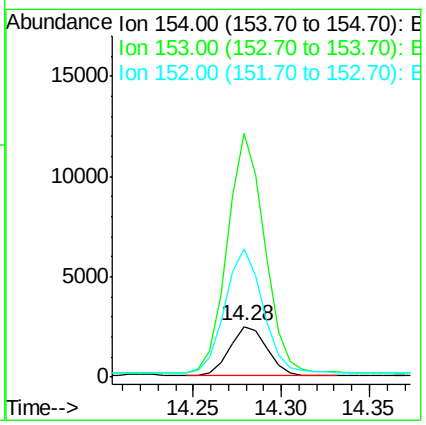


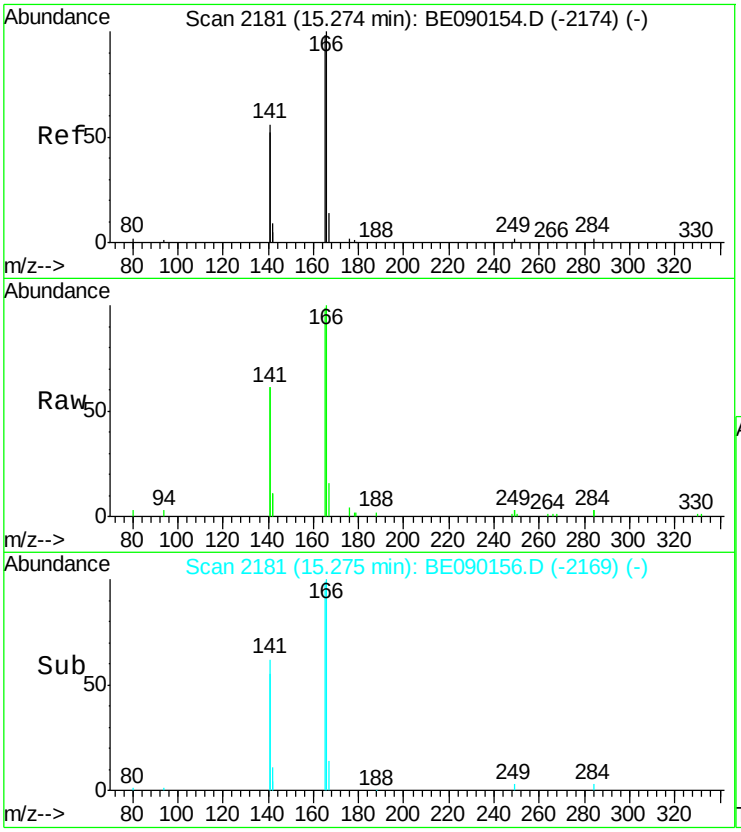


#16
Acenaphthene
Concen: 0.46 ng
RT: 14.28 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:154 Resp: 3652

Ion	Ratio	Lower	Upper
154	100		
153	477.1	376.9	565.3
152	253.5	199.0	298.6



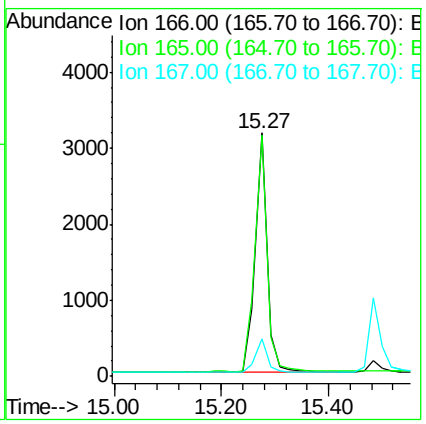


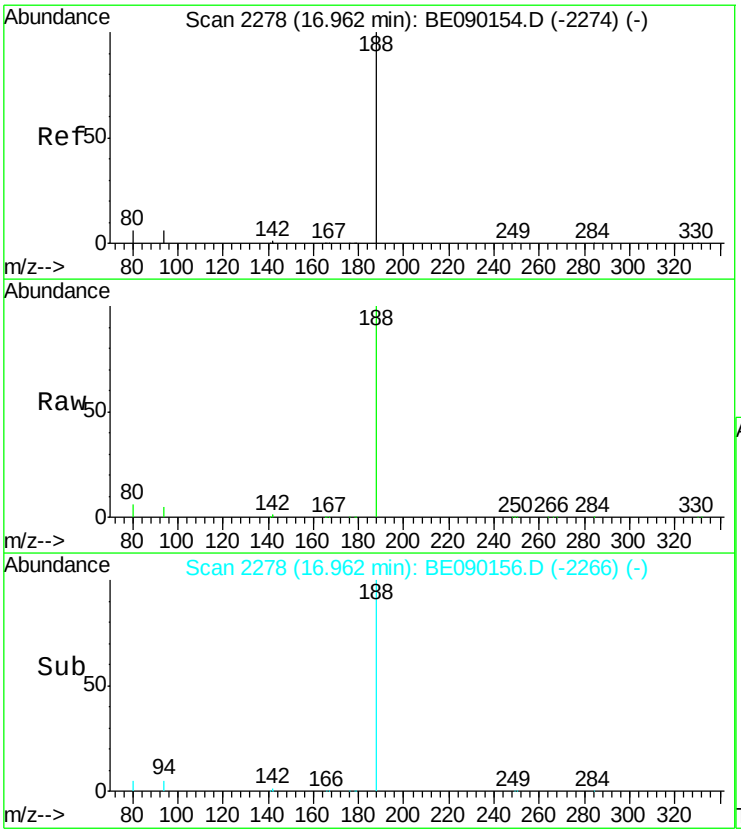
#17
Fluorene
Concen: 0.47 ng
RT: 15.27 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:166 Resp: 4886

Ion	Ratio	Lower	Upper
166	100		
165	100.9	81.5	122.3
167	15.2	11.9	17.9

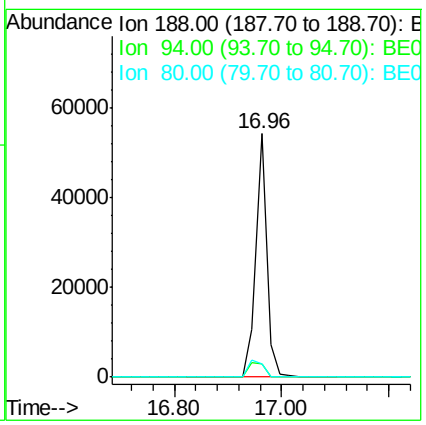


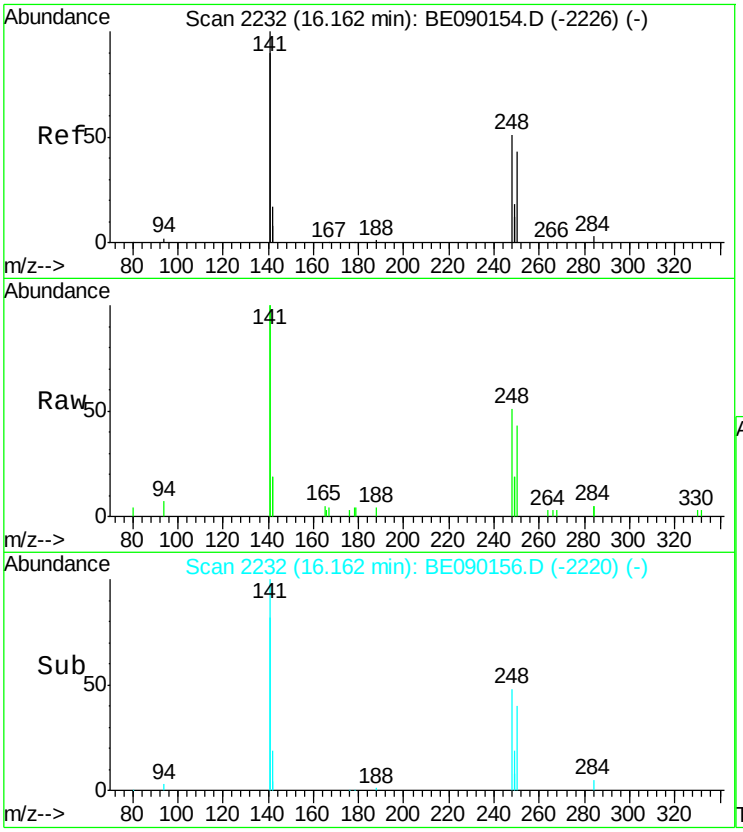


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:188 Resp: 76824

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	5.6	4.6	6.8



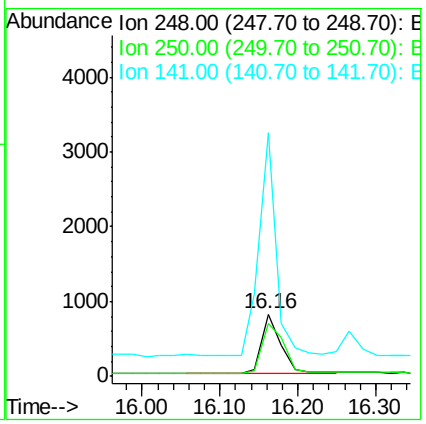


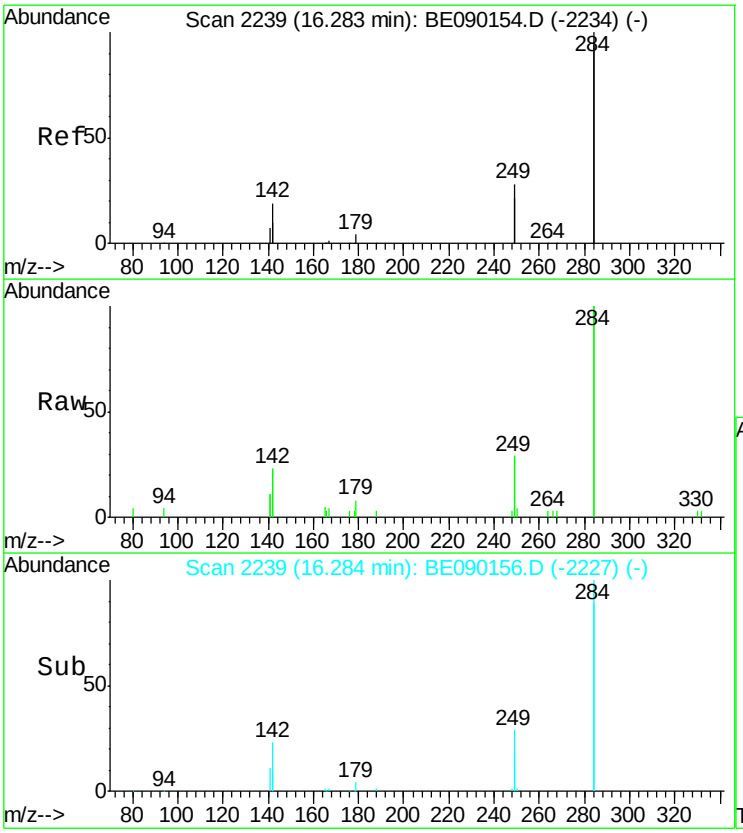
#19
4-Bromophenyl-phenylether
Concen: 0.41 ng
RT: 16.16 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:248 Resp: 1331

Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.0
141	342.5	281.3	421.9

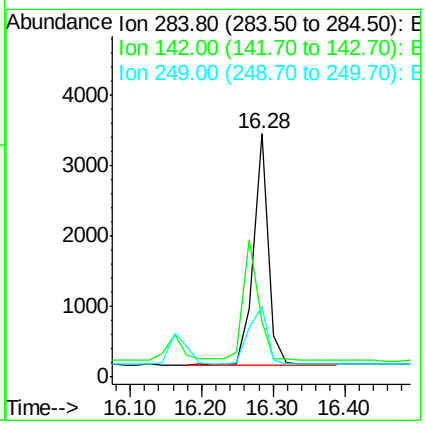


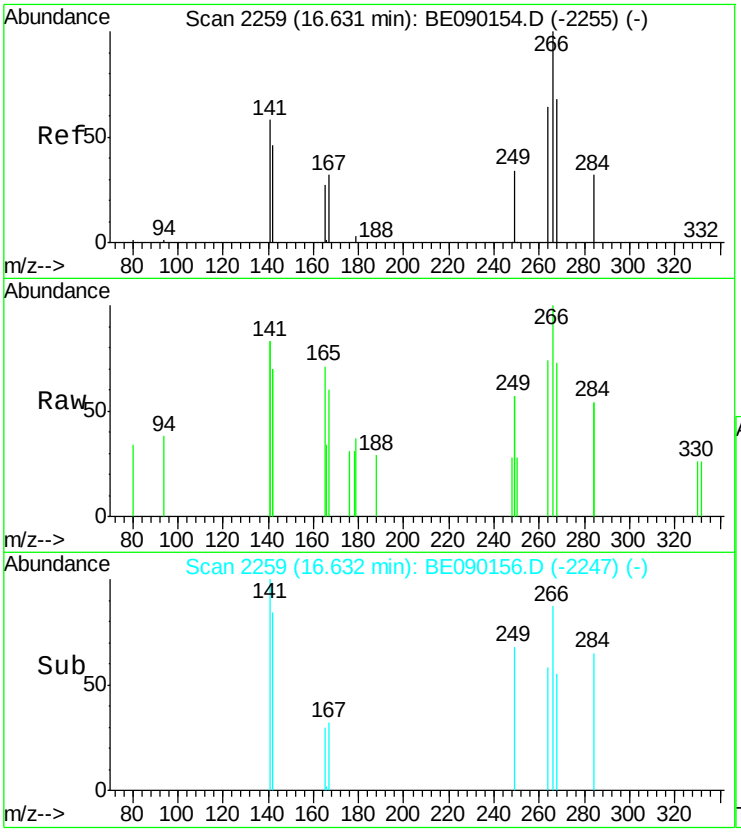


#20
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.28 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:284 Resp: 4757

Ion	Ratio	Lower	Upper
284	100		
142	53.7	42.2	63.2
249	31.5	25.5	38.3



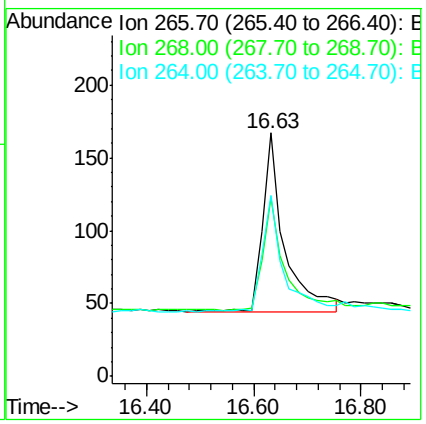


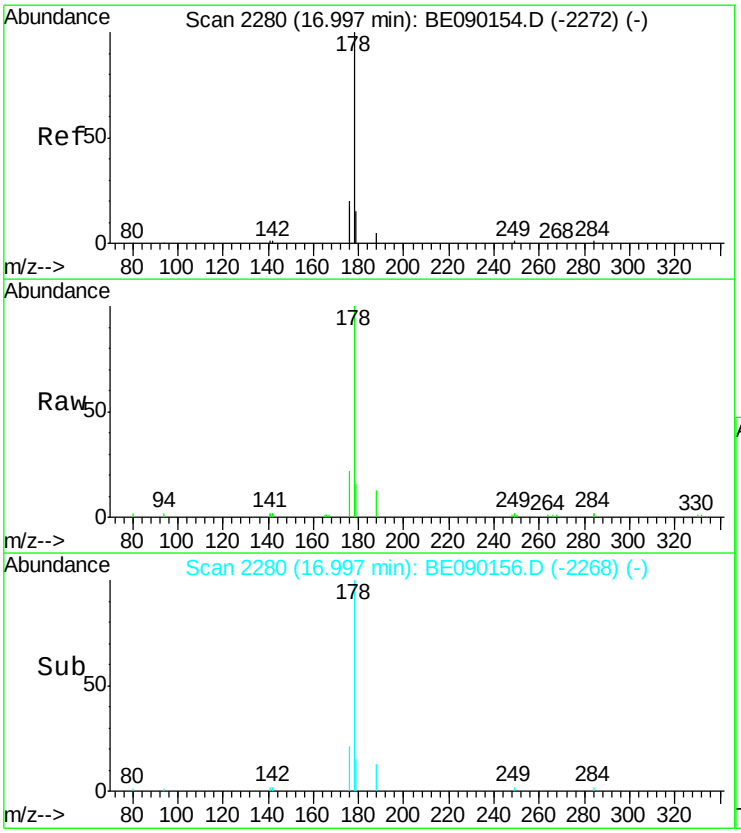
#21
Pentachlorophenol
Concen: 0.55 ng
RT: 16.63 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:266 Resp: 356

Ion	Ratio	Lower	Upper
266	100		
268	73.1	58.2	87.4
264	74.3	55.0	82.4

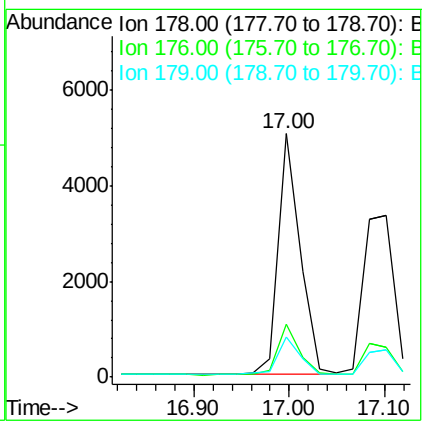


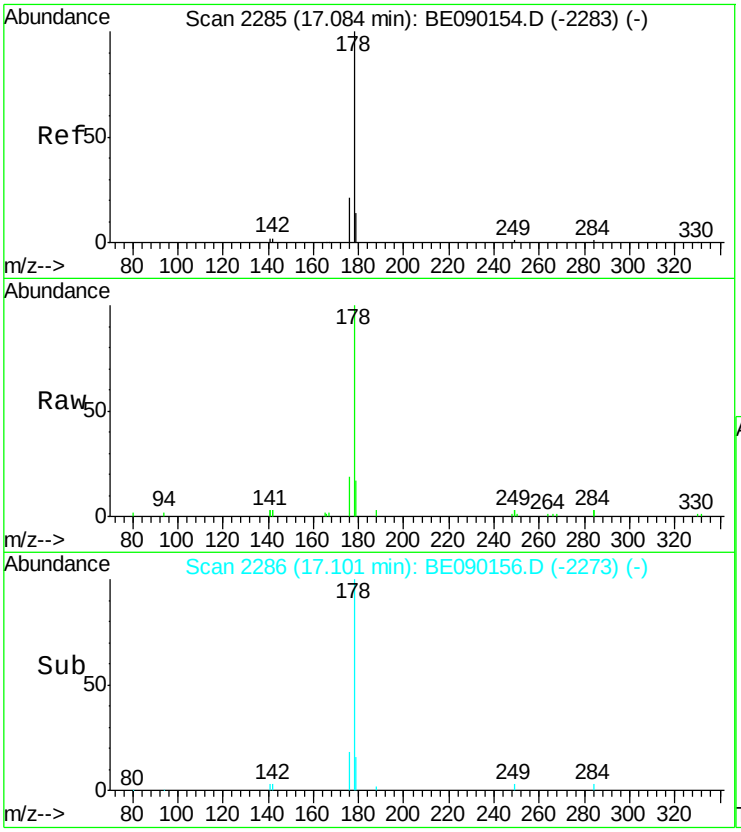


#22
Phenanthrene
Concen: 0.42 ng
RT: 17.00 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:178 Resp: 8090

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	16.2	12.5	18.7



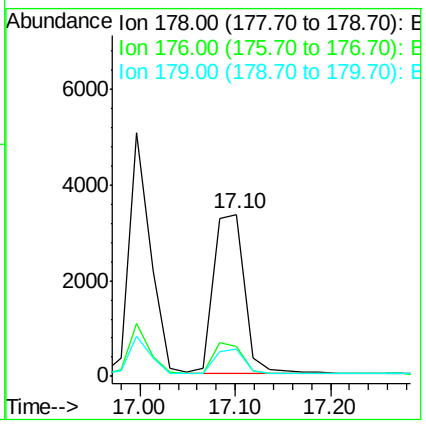


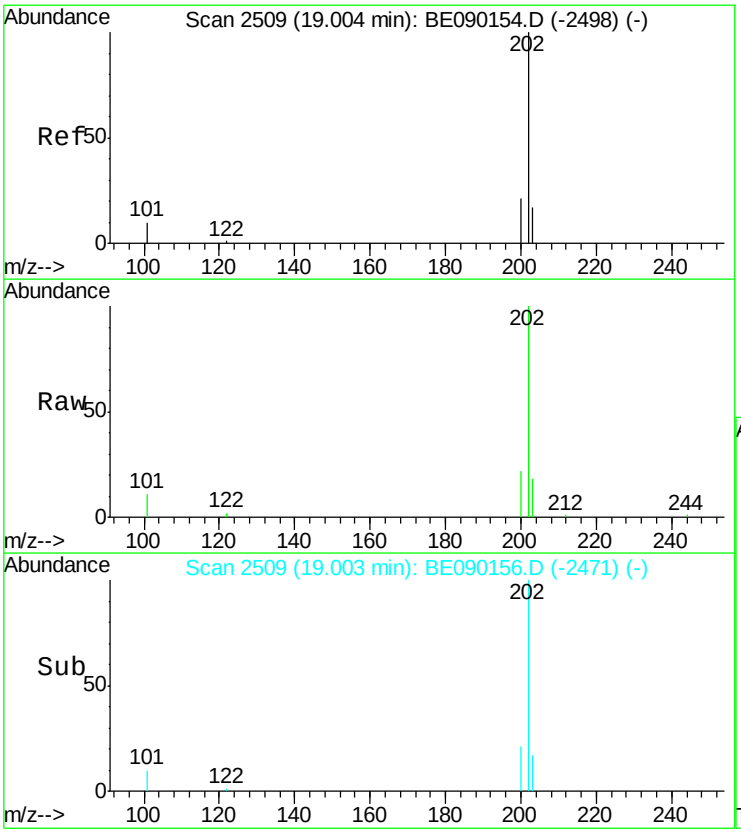
#23
Anthracene
Concen: 0.44 ng
RT: 17.10 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 7471

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.0	12.2	18.2

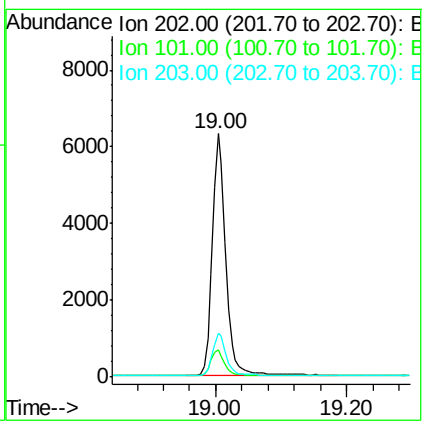


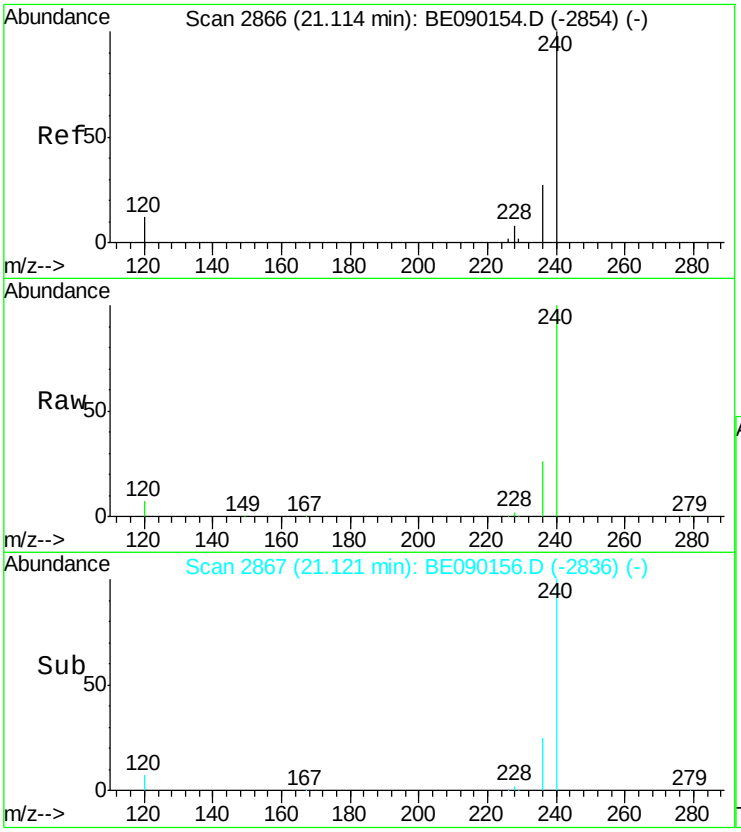


#24
Fluoranthene
Concen: 0.47 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:202 Resp: 8994

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.5	12.7
203	17.2	13.9	20.9



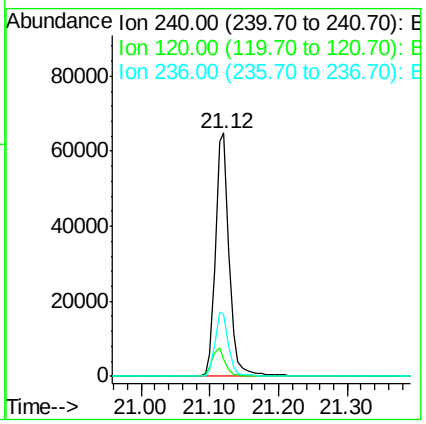


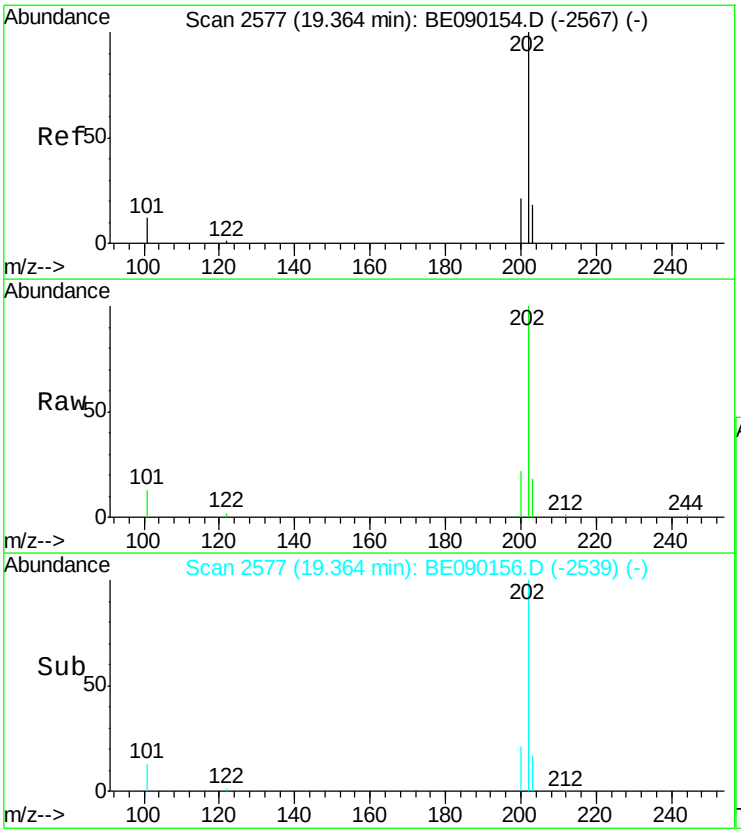
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:240 Resp: 89228

Ion	Ratio	Lower	Upper
240	100		
120	7.1	9.4	14.0#
236	25.5	21.8	32.8

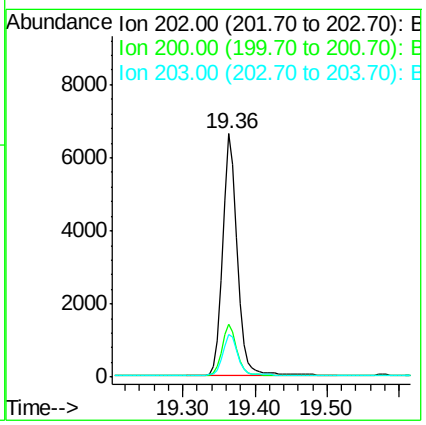


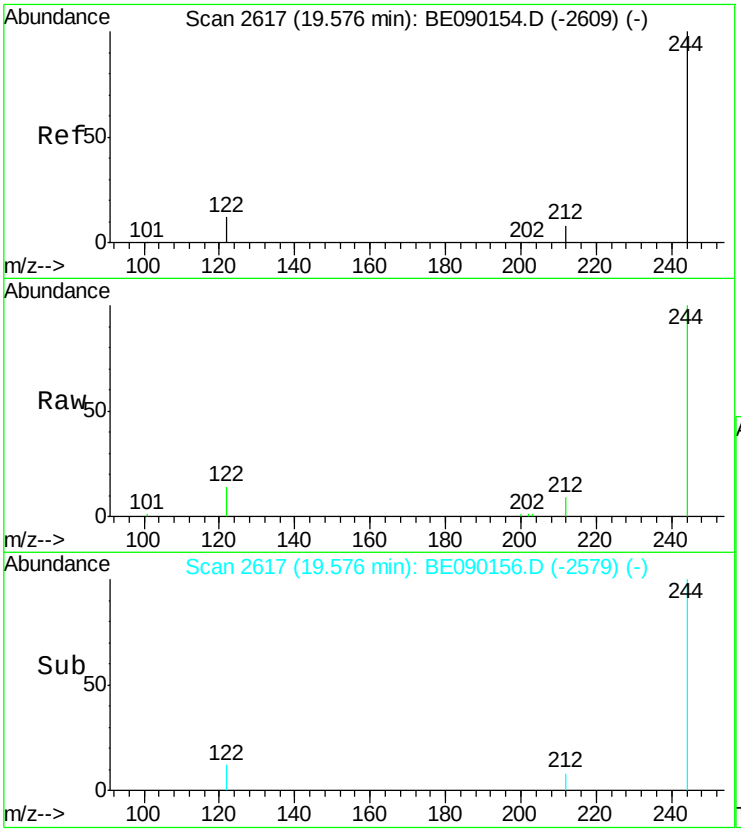


#26
Pyrene
Concen: 0.39 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:202 Resp: 9228

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.4	14.1	21.1



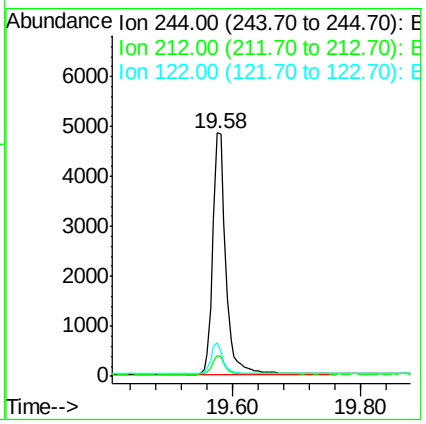


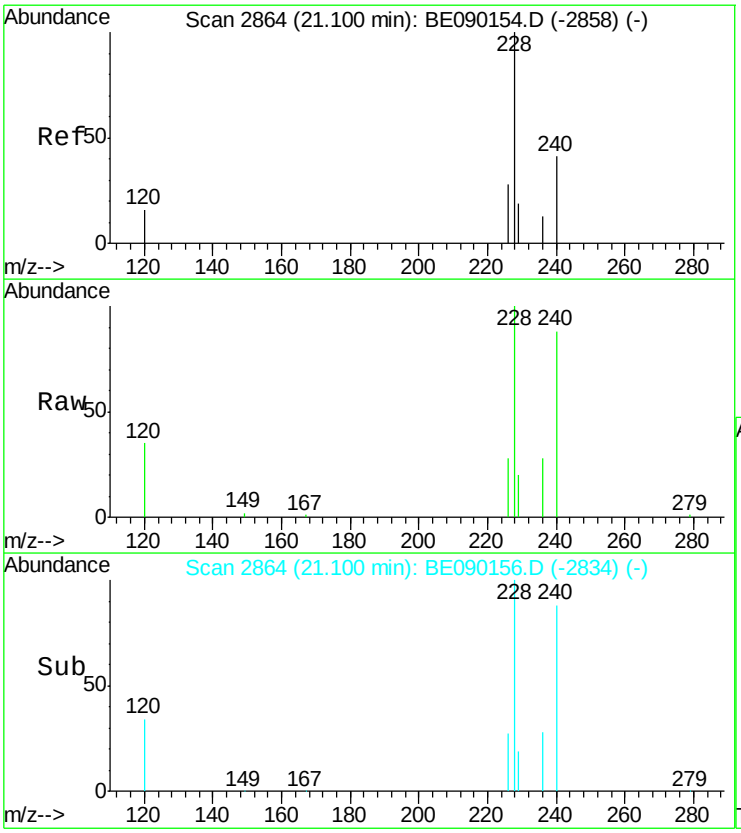
#27
Terphenyl-d14
Concen: 0.46 ng
RT: 19.58 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:244 Resp: 6844

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	13.8	9.8	14.6

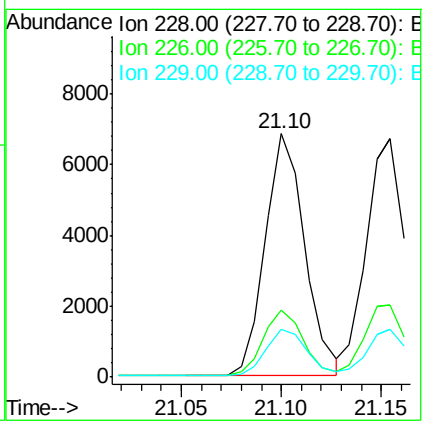


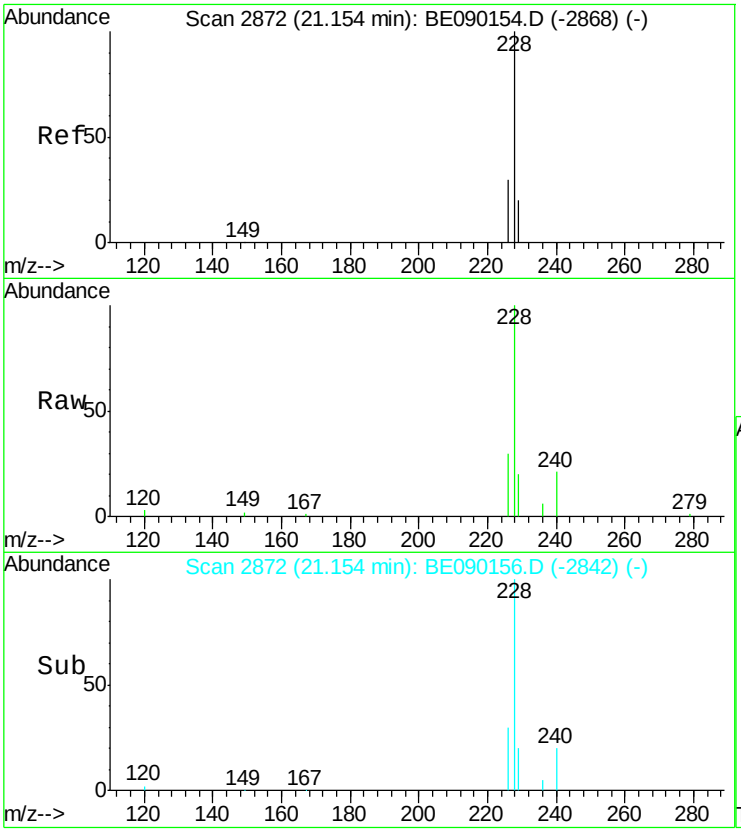


#28
Benzo(a)anthracene
Concen: 0.59 ng
RT: 21.10 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:228 Resp: 9356

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.4
229	19.8	15.7	23.5



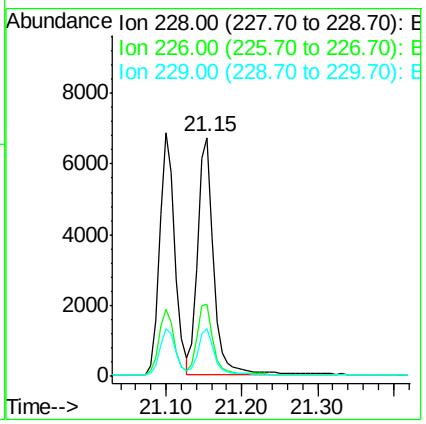


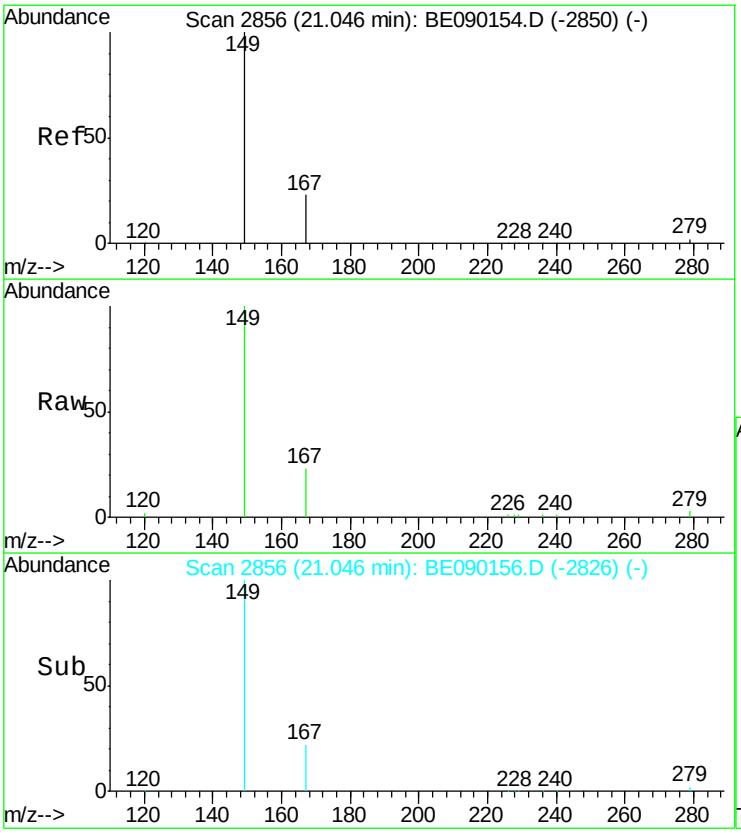
#29
Chrysene
Concen: 0.37 ng
RT: 21.15 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 9776

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	20.3	16.5	24.7

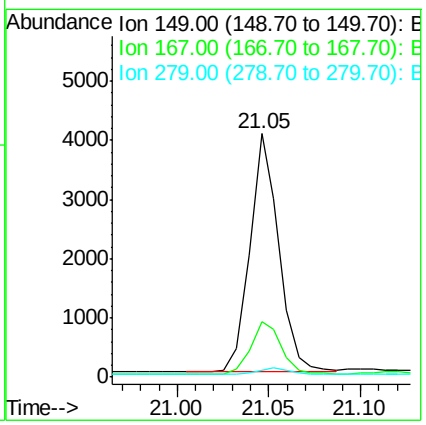


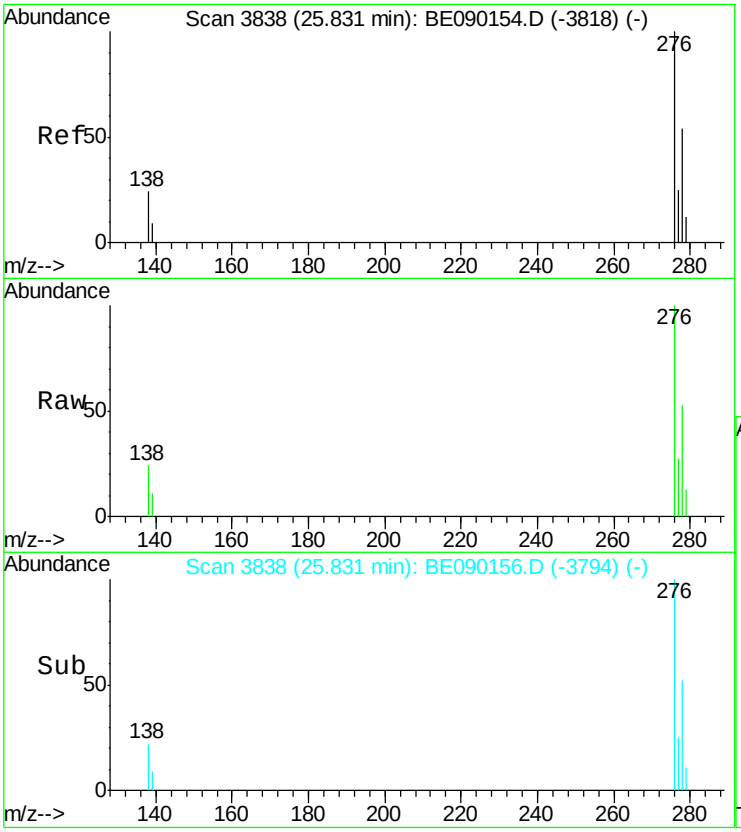


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.02 ng
RT: 21.05 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:149 Resp: 4399

Ion	Ratio	Lower	Upper
149	100		
167	23.3	18.6	28.0
279	2.9	2.2	3.4



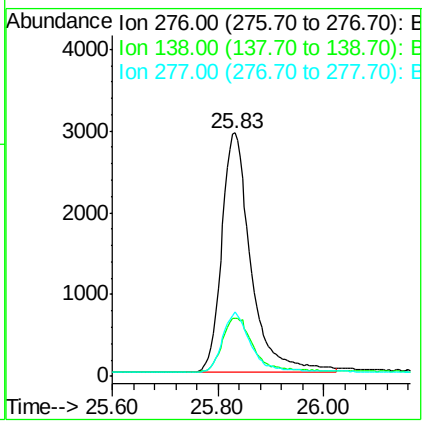


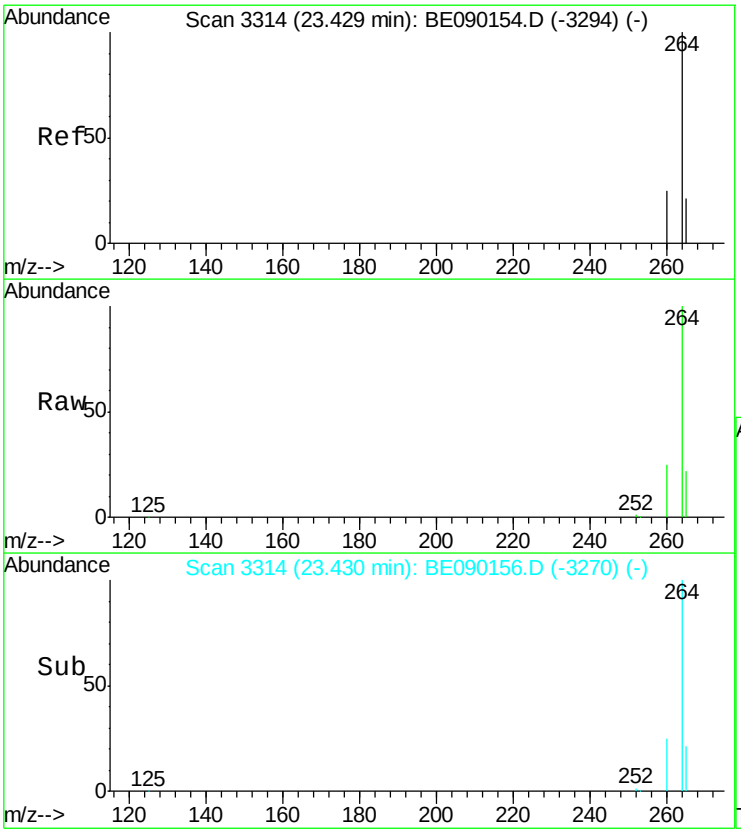
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.44 ng
RT: 25.83 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 11281

Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.5	29.3
277	24.5	19.8	29.6

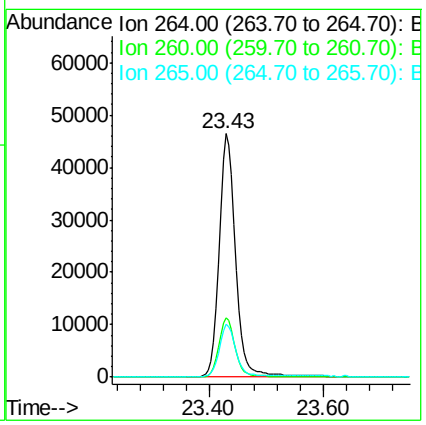


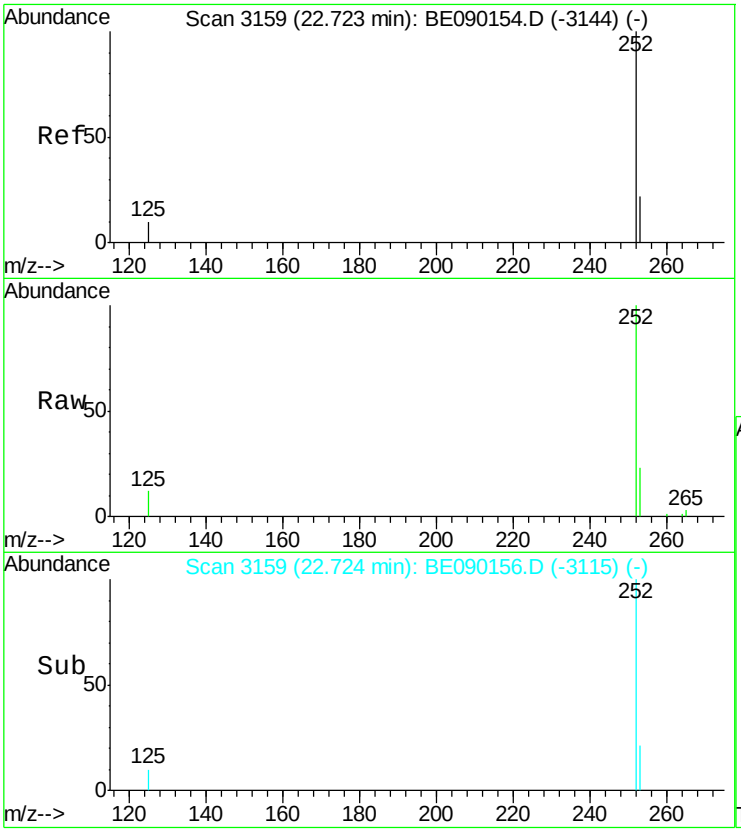


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3314
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:264 Resp: 93589

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.6	17.4	26.2



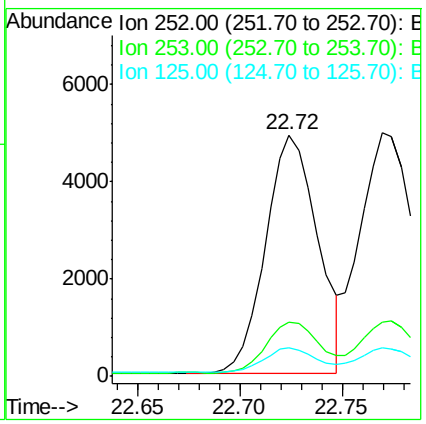


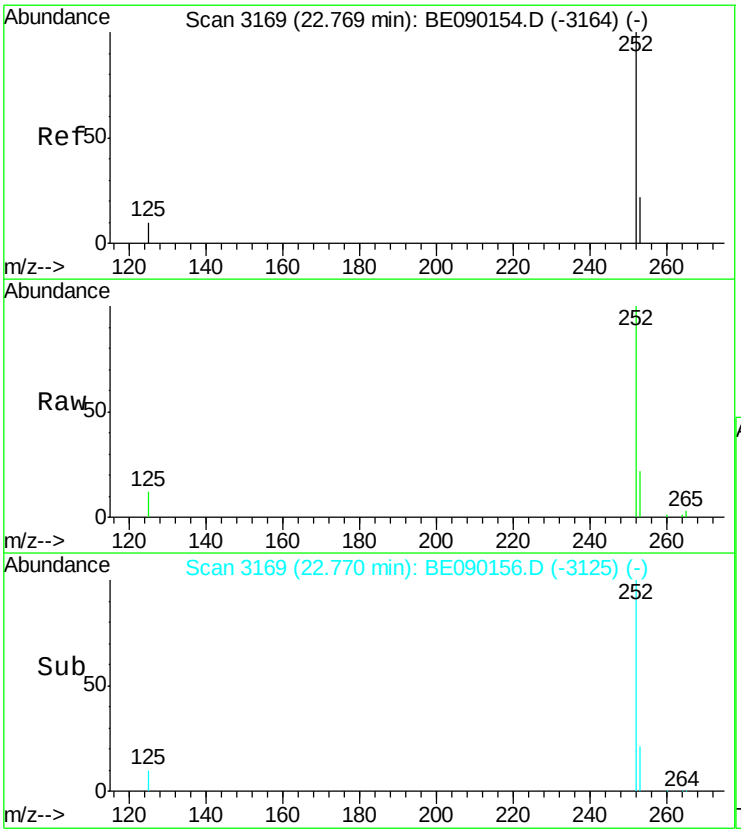
#33
Benzo(b)fluoranthene
Concen: 0.98 ng
RT: 22.72 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 8700

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	11.8	8.7	13.1

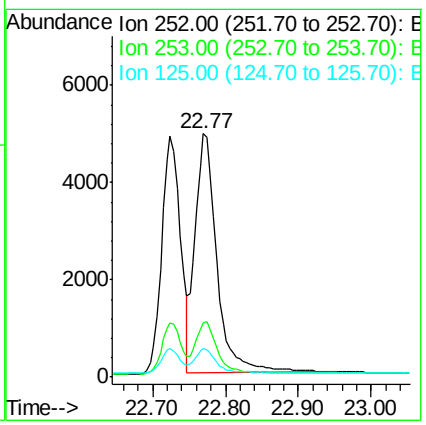


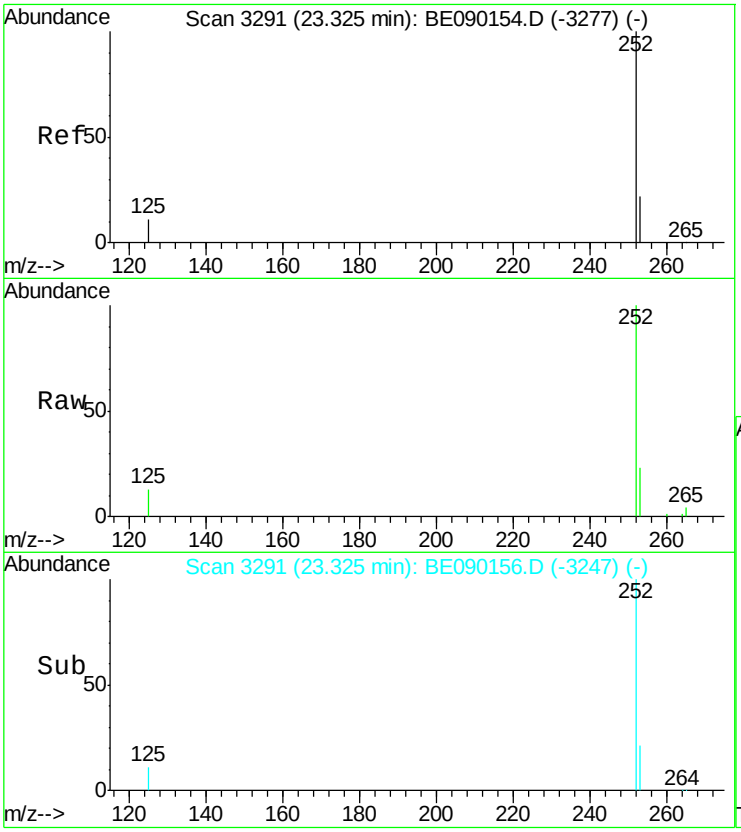


#34
Benzo(k)fluoranthene
Concen: 0.52 ng
RT: 22.77 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:252 Resp: 10282

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.8	8.7	13.1



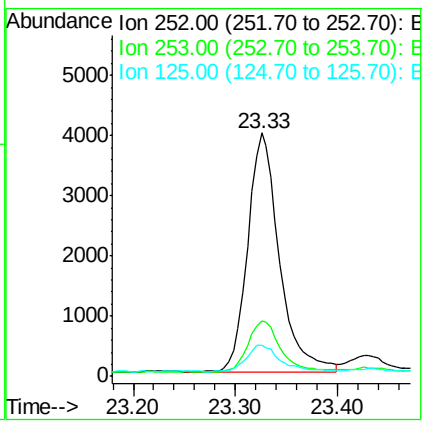


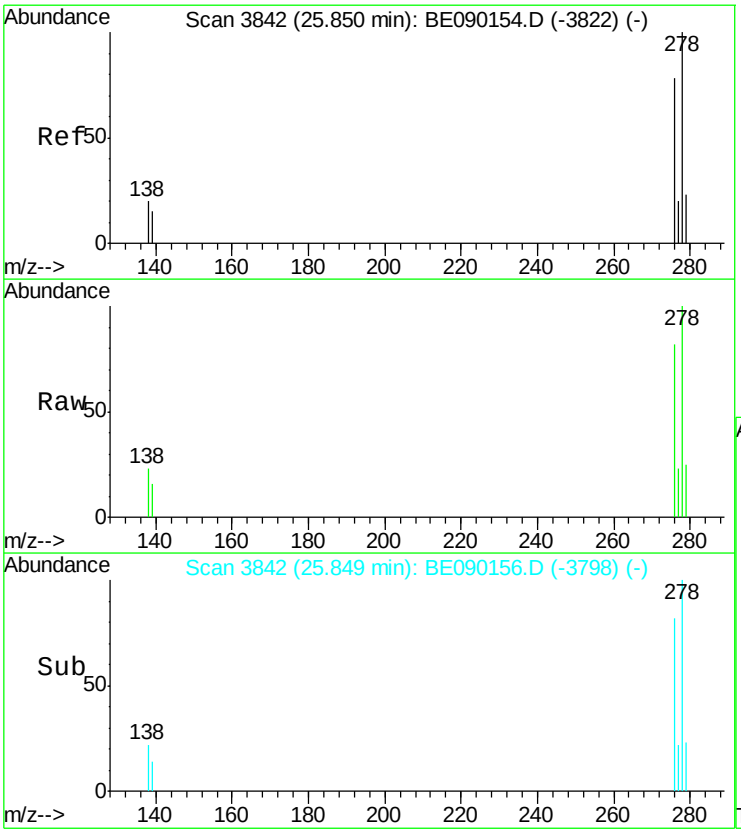
#35
Benzo(a)pyrene
Concen: 0.76 ng
RT: 23.33 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 8518

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.0	9.4	14.0

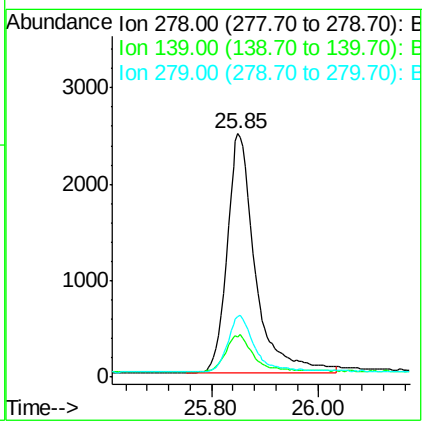


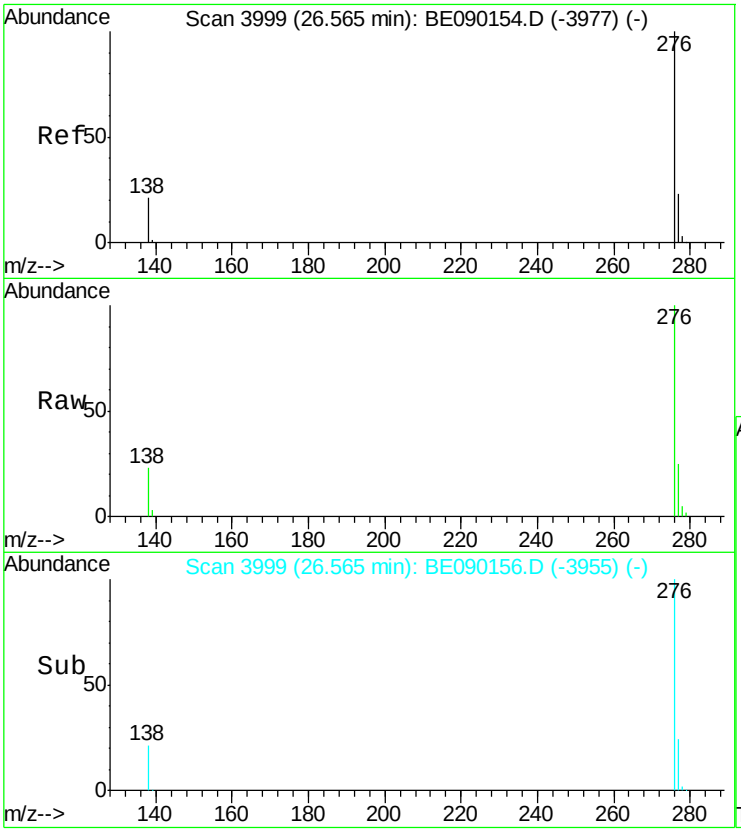


#36
Dibenzo(a,h)anthracene
Concen: 1.27 ng
RT: 25.85 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Tgt Ion:278 Resp: 8972

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.9	19.3
279	24.7	19.3	28.9





#37
Benzo(g,h,i)perylene
Concen: 0.80 ng
RT: 26.56 min Scan# 3999
Delta R.T. -0.00 min
Lab File: BE090156.D
Acq: 17 Jul 2015 21:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:276 Resp: 9496

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.0	28.6
138	22.9	17.2	25.8