Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090215\
Data File : BE090707.D
Acq On : 2 Sep 2015 16:45
Operator : UM/IZ
Sample : G3484-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW01-082815MS

Quant Time: Sep 02 23:05:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 23:04:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	46484	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	225805	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	124620	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	302880	5.00	ng		0.00
25) Chrysene-d12	21.07	240	359251	5.00	ng		0.00
32) Perylene-d12	23.36	264	334206	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	22395	2.48	ng		0.00
5) Phenol-d6	6.75	99	22316	1.72	ng		0.00
7) Nitrobenzene-d5	8.69	82	45180	3.03	ng		-0.02
13) 2,4,6-Tribromophenol	15.68	330	51199	13.88	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	120203	3.48	ng		0.00
27) Terphenyl-d14	19.53	244	259405	6.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	4370	0.56	ng		98
3) n-Nitrosodimethylamine	3.45	42	5373	0.58	ng	#	90
8) Nitrobenzene	8.74	77	43429	2.43	ng		98
9) Naphthalene	10.35	128	123885	2.52	ng		100
10) Hexachlorobutadiene	10.65	225	16712	2.17	ng		100
11) 2-Methylnaphthalene	11.97	142	93708	3.52	ng		98
15) Acenaphthylene	13.88	152	778194	3.91	ng		100
16) Acenaphthene	14.22	154	119459	3.59	ng		89
17) Fluorene	15.22	166	173918	4.19	ng		96
19) 4-Bromophenyl-phenylether	16.11	248	47120	4.56	ng		95
20) Hexachlorobenzene	16.23	284	206329	4.17	ng		97
21) Pentachlorophenol	16.58	266	63243	14.64	ng		91
22) Phenanthrene	16.95	178	314930	4.20	ng		99
23) Anthracene	17.03	178	309988	4.95	ng		100
24) Fluoranthene	18.95	202	387032	4.90	ng		99
26) Pyrene	19.31	202	410748	5.52	ng		99
28) Benzo(a)anthracene	21.05	228	382561	4.86	ng		98
29) Chrysene	21.11	228	386418	4.66	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	234606	7.58	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	416255	4.90	ng		98
33) Benzo(b)fluoranthene	22.66	252	365610	5.05	ng		100
34) Benzo(k)fluoranthene	22.71	252	388585	4.60	ng		99
35) Benzo(a)pyrene	23.26	252	348232	5.37	ng		100
36) Dibenzo(a,h)anthracene	25.74	278	343172	4.36	ng		99
37) Benzo(g,h,i)perylene	26.45	276	352949	4.73	ng		99

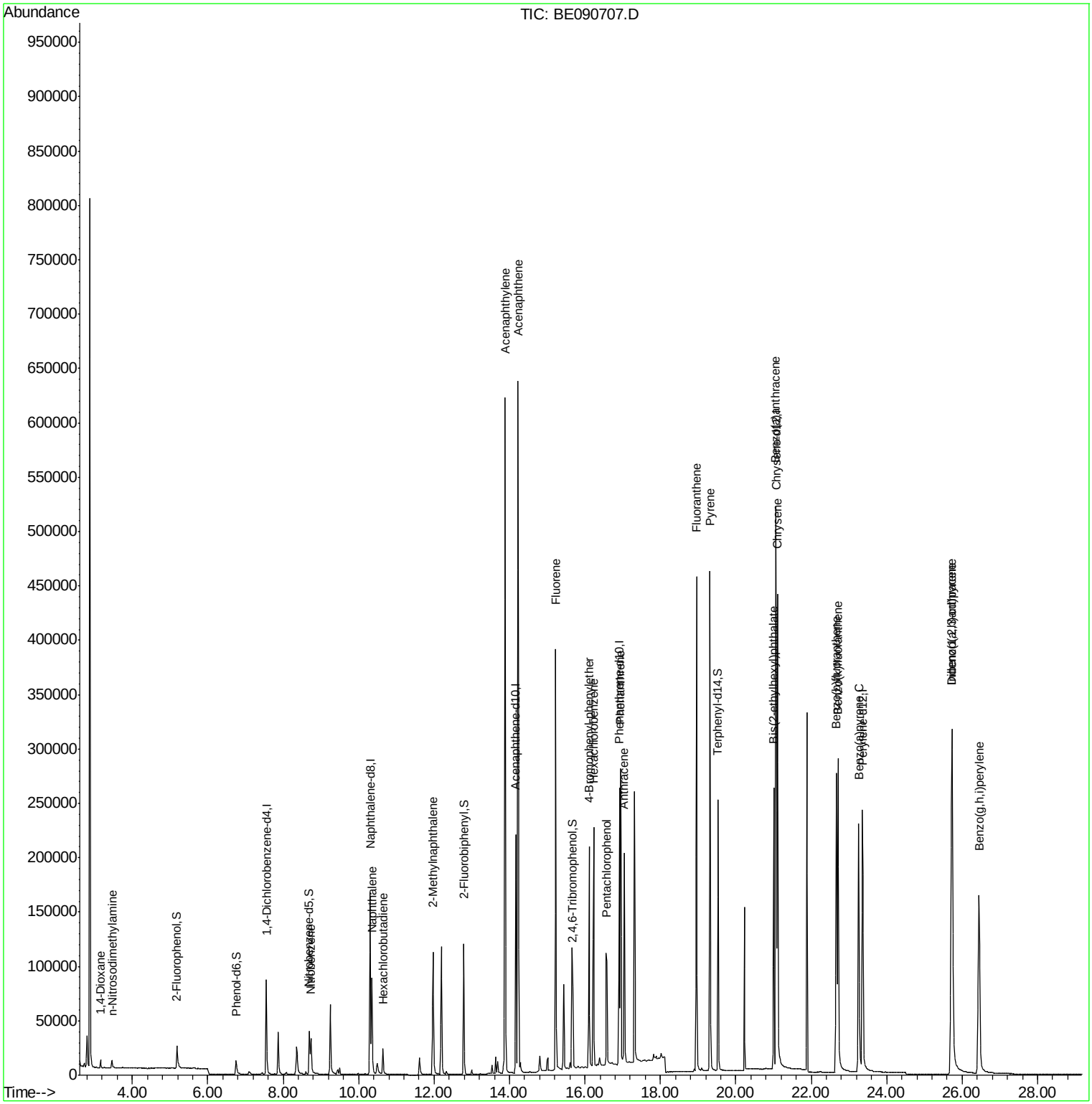
(#) = qualifier out of range (m) = manual integration (+) = signals summed

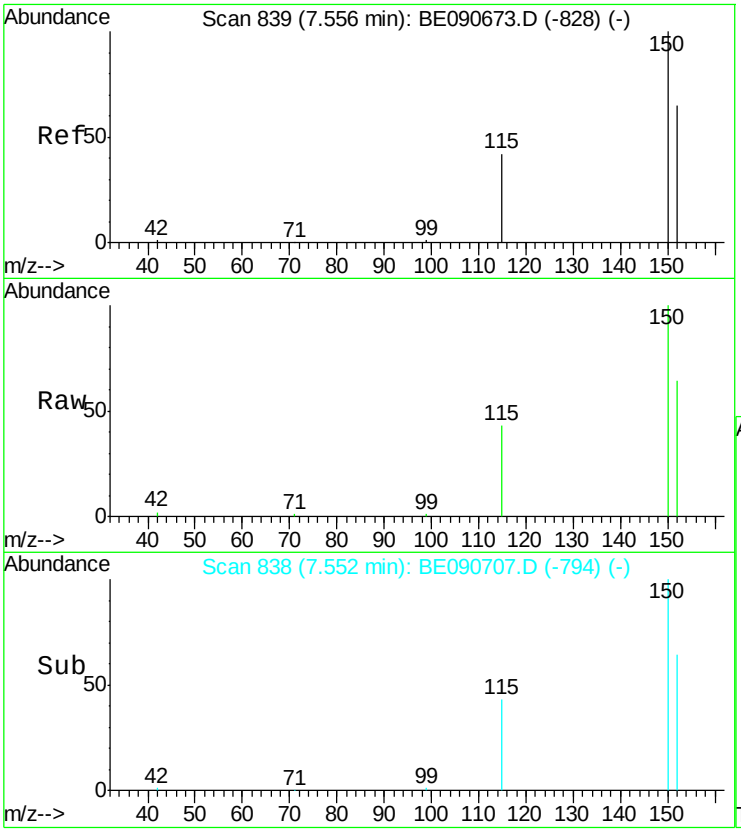
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090215\
Data File : BE090707.D
Acq On : 2 Sep 2015 16:45
Operator : UM/IZ
Sample : G3484-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Quant Time: Sep 02 23:05:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 23:04:24 2015
Response via : Initial Calibration



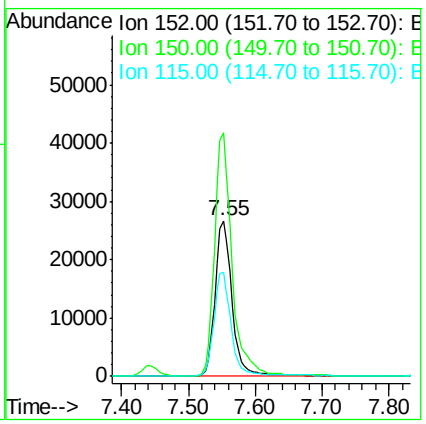


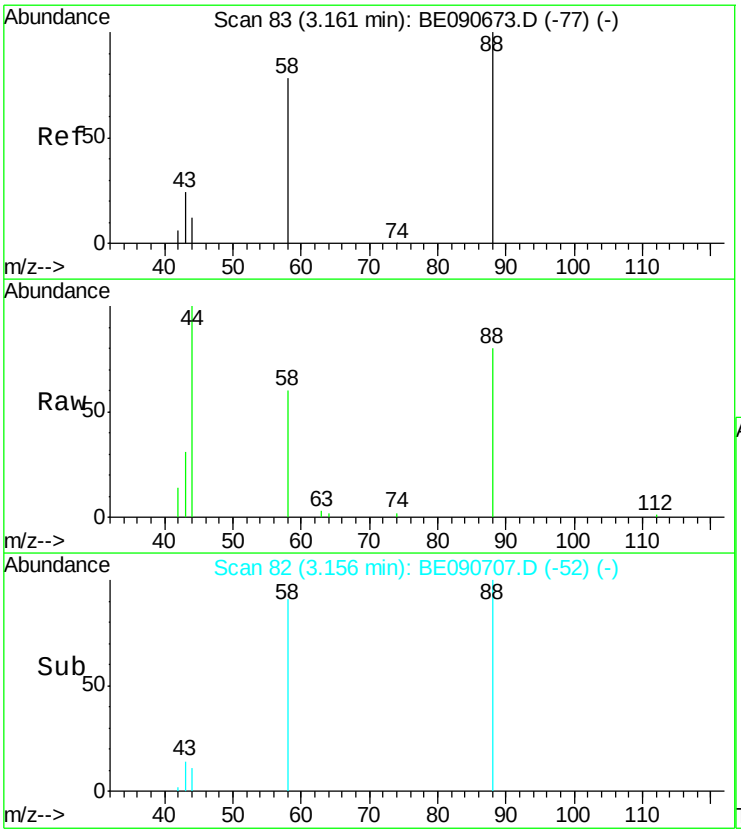
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:152 Resp: 46484

Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.2	183.4
115	67.1	51.0	76.4

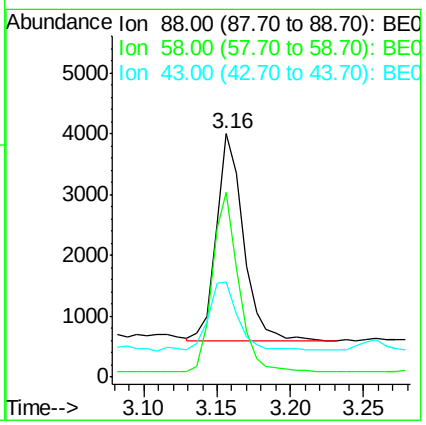


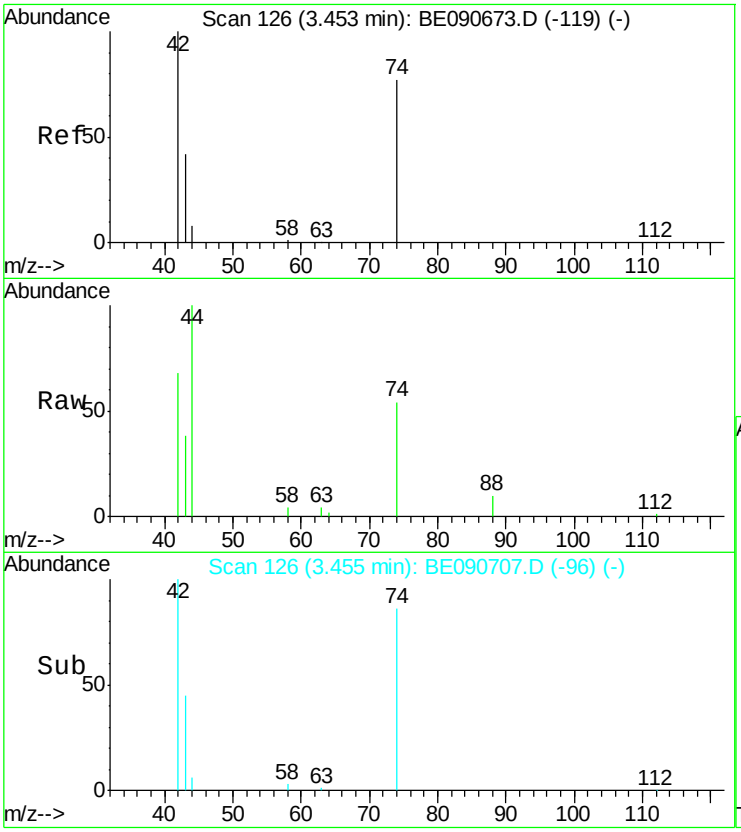


#2
1,4-Dioxane
Concen: 0.56 ng
RT: 3.16 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion: 88 Resp: 4370

Ion	Ratio	Lower	Upper
88	100		
58	84.1	68.4	102.6
43	36.1	26.9	40.3



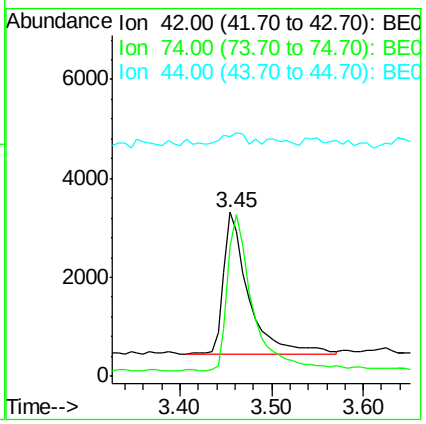


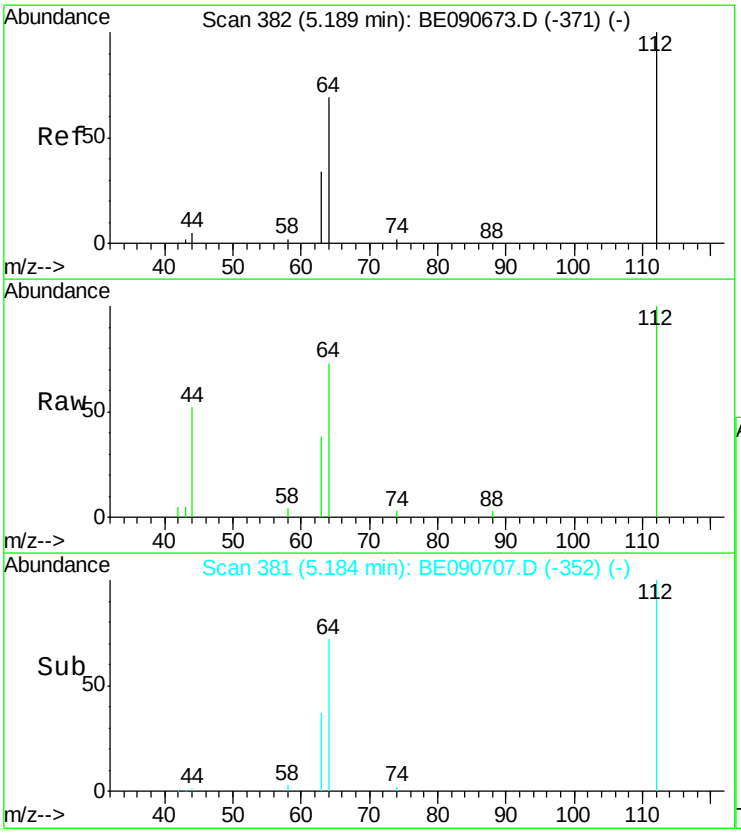
#3
n-Nitrosodimethylamine
Concen: 0.58 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion: 42 Resp: 5373

Ion	Ratio	Lower	Upper
42	100		
74	114.3	83.7	125.5
44	8.7	10.0	15.0#

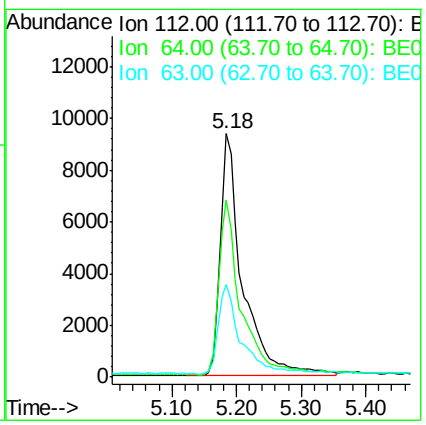


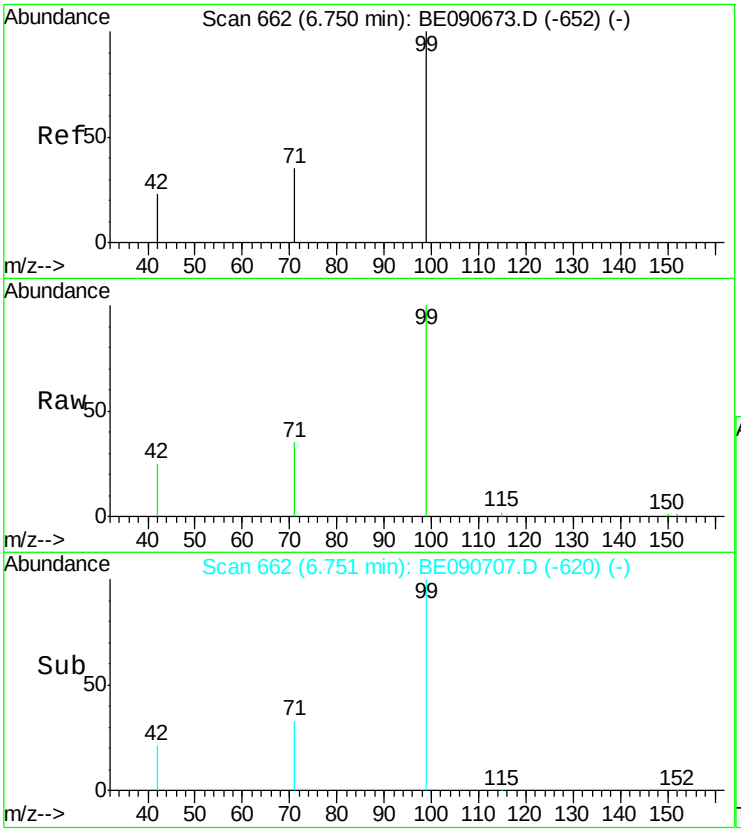


#4
2-Fluorophenol
Concen: 2.48 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:112 Resp: 22395

Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.3	85.9
63	37.0	29.2	43.8



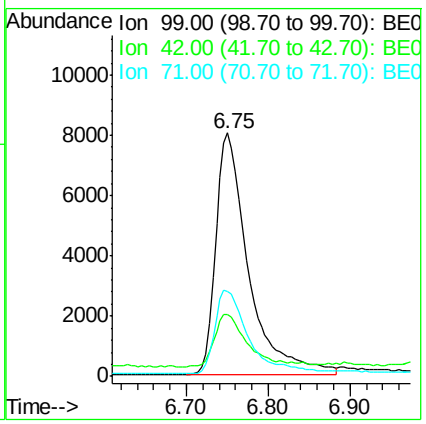


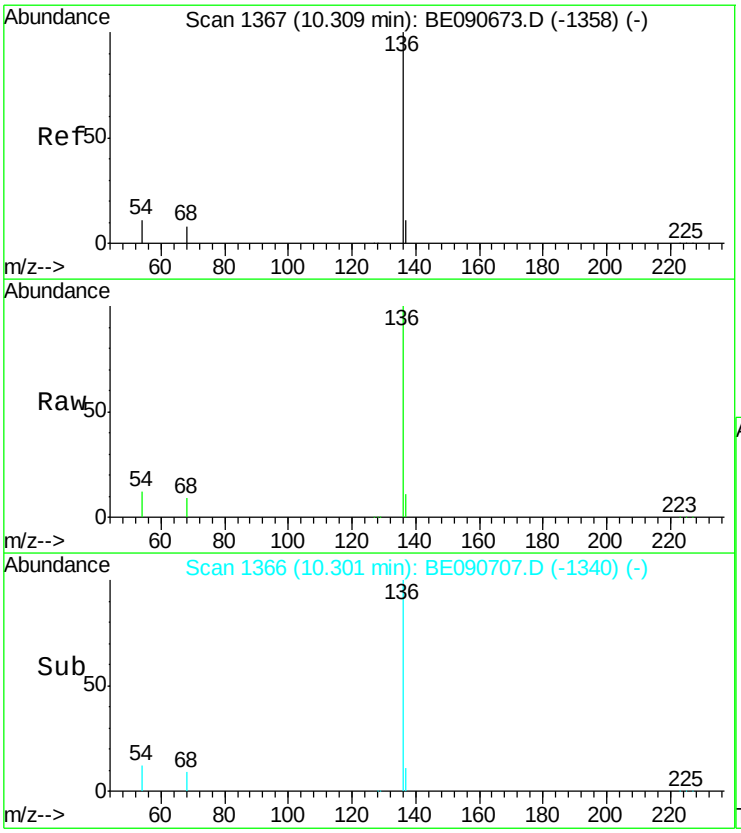
#5
Phenol-d6
Concen: 1.72 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion: 99 Resp: 22316

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	36.1	28.3	42.5

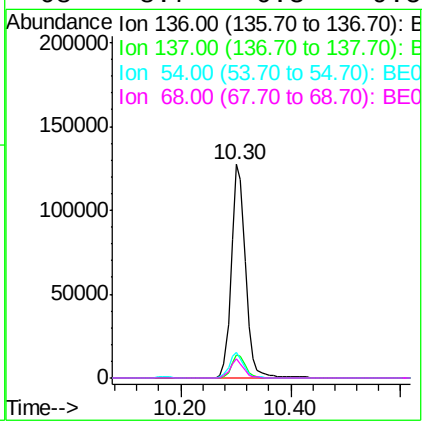


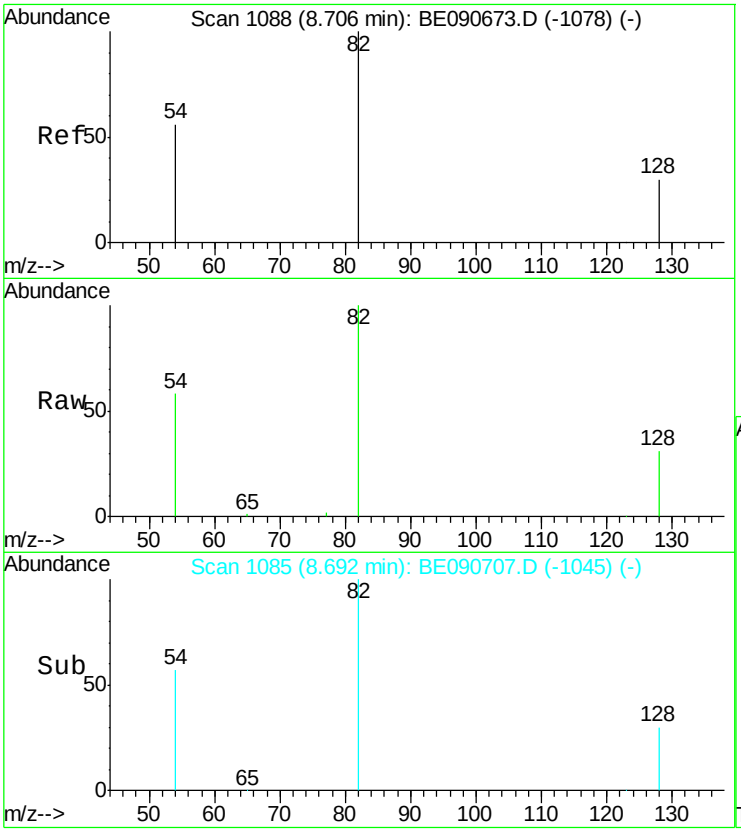


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:136 Resp: 225805

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.1	9.0	13.6
68	8.7	6.3	9.5



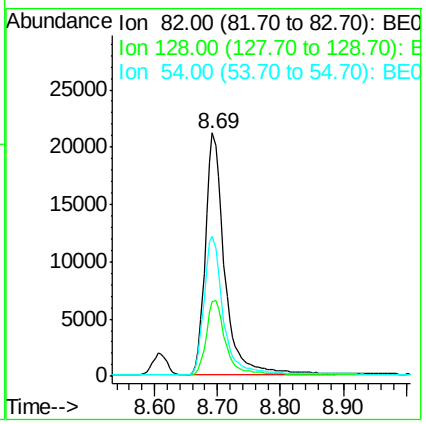


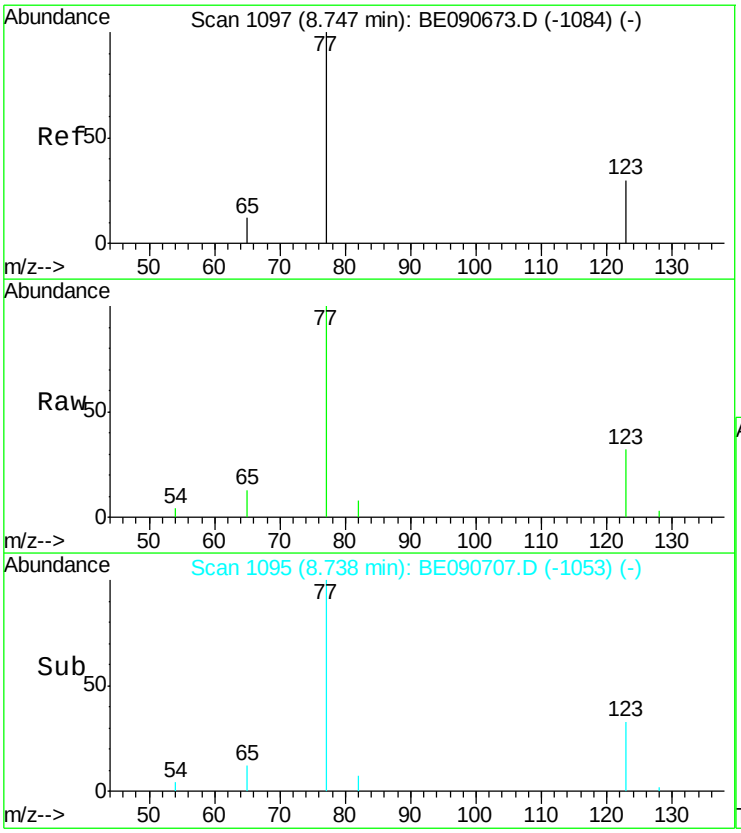
#7
Nitrobenzene-d5
Concen: 3.03 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion: 82 Resp: 45180

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.0	37.4
54	57.6	46.3	69.5

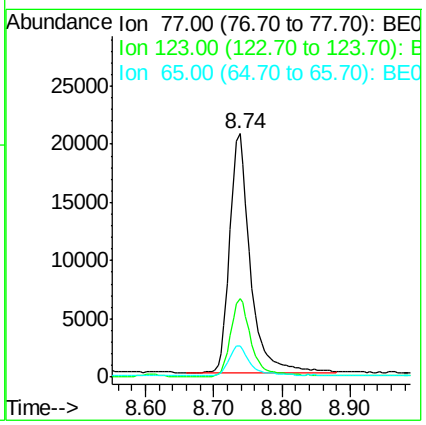


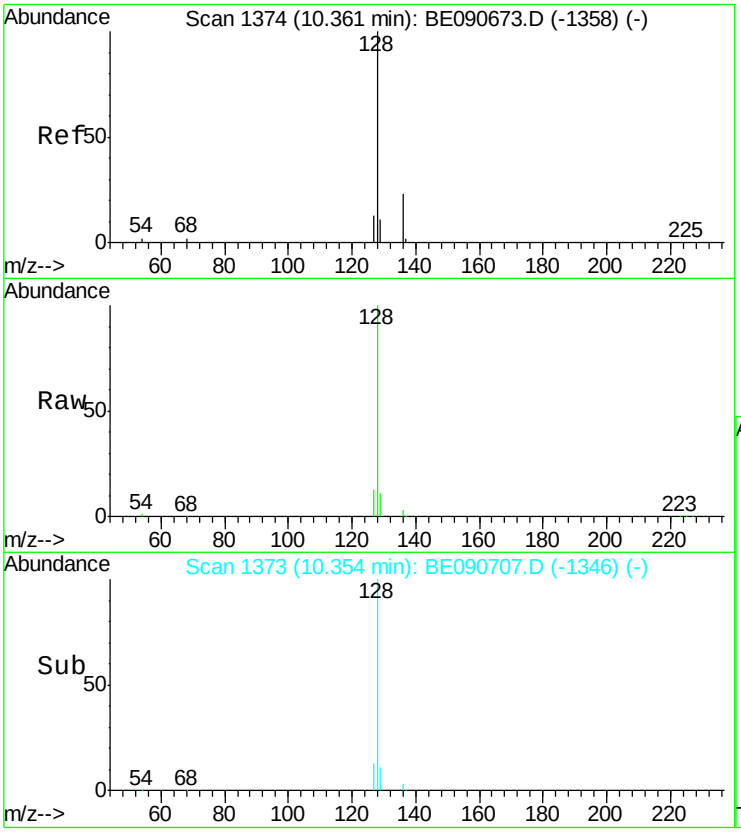


#8
Nitrobenzene
Concen: 2.43 ng
RT: 8.74 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion: 77 Resp: 43429

Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.1	37.7
65	12.3	9.9	14.9



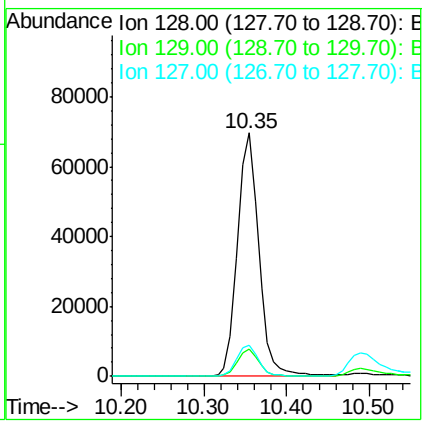


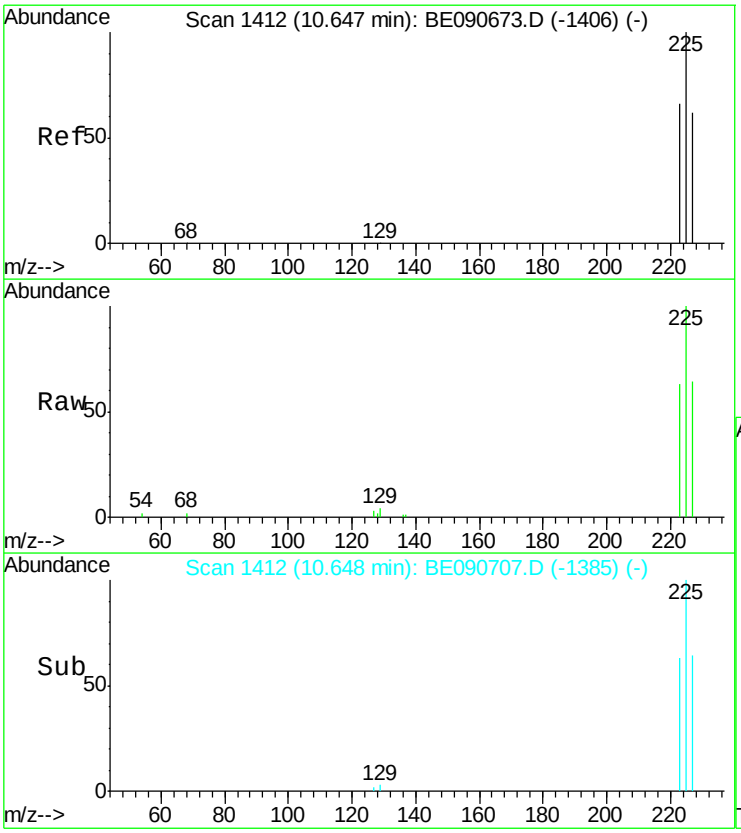
#9
Naphthalene
Concen: 2.52 ng
RT: 10.35 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:128 Resp: 123885

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	10.6	15.8

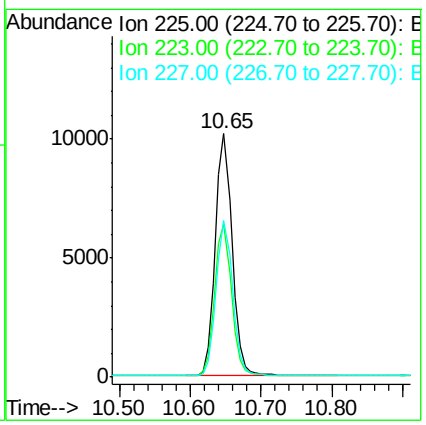


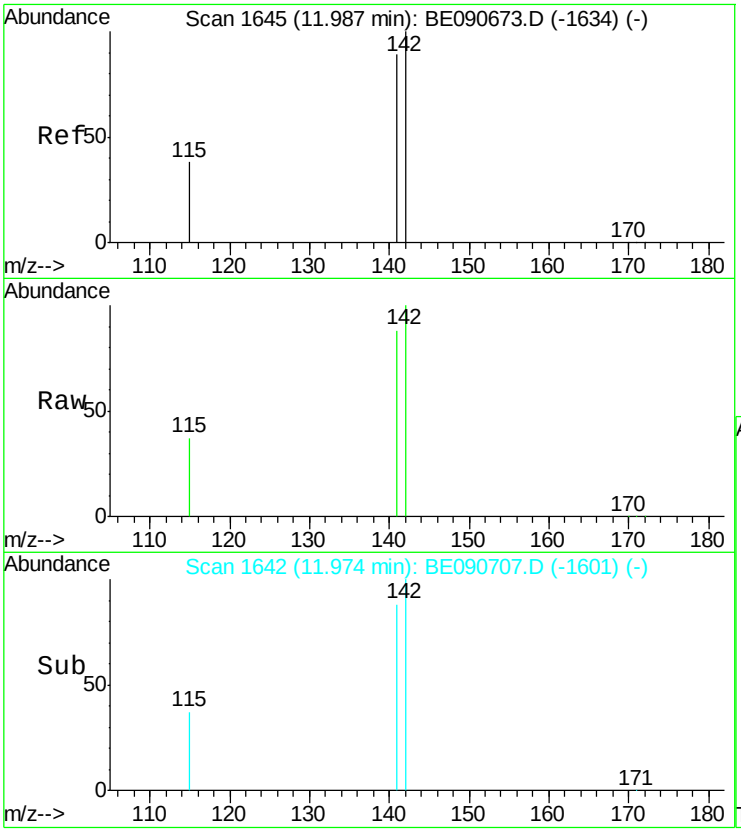


#10
Hexachlorobutadiene
Concen: 2.17 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:225 Resp: 16712

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	63.5	51.0	76.6



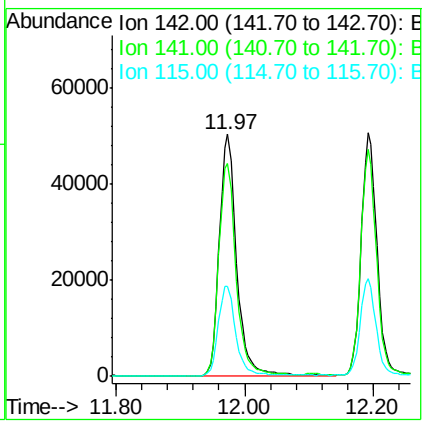


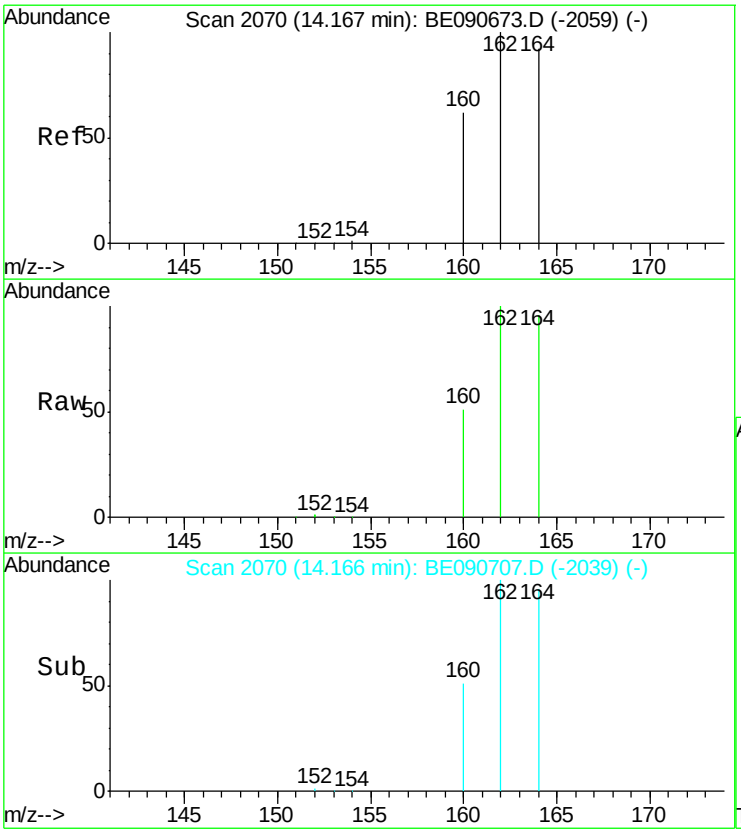
#11
2-Methylnaphthalene
Concen: 3.52 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:142 Resp: 93708

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	37.1	31.0	46.4

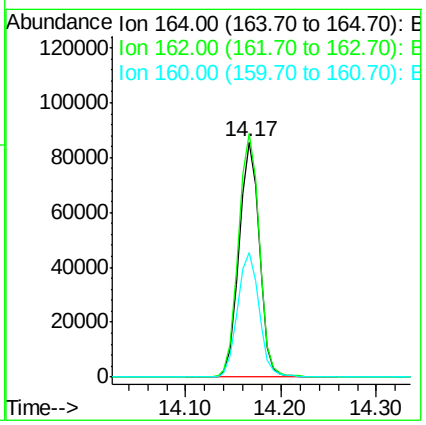


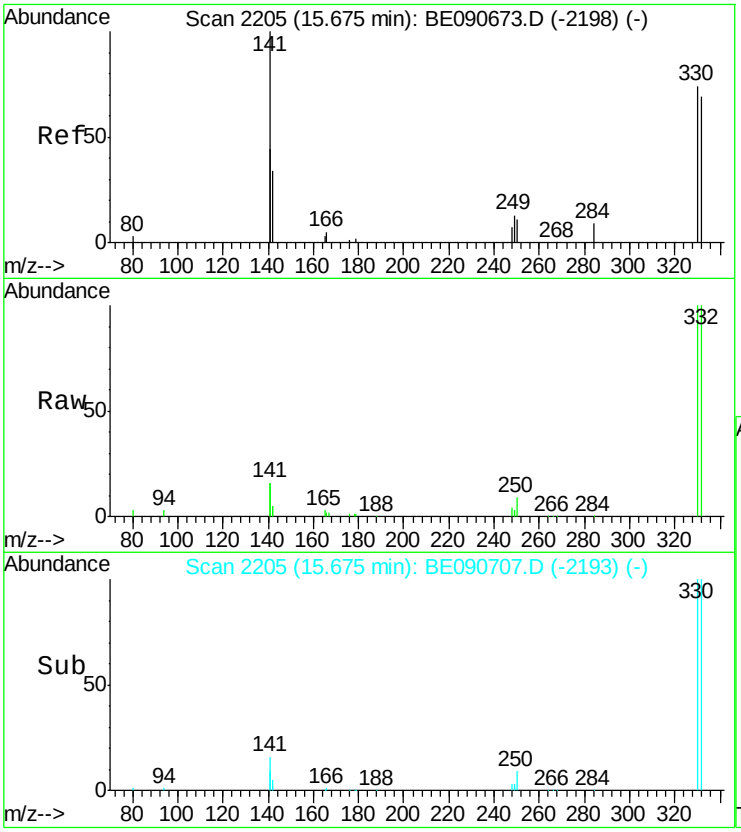


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:164 Resp: 124620

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.8	130.2
160	52.8	53.9	80.9#



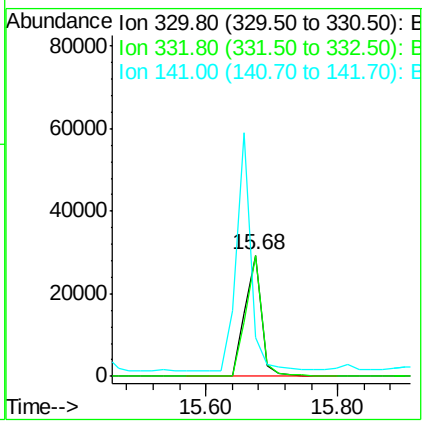


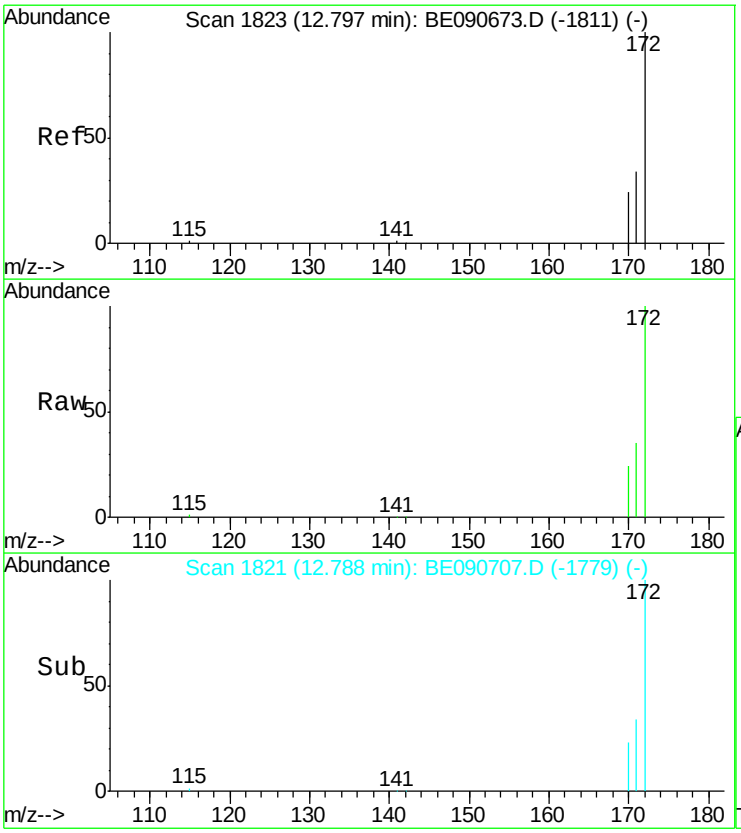
#13
2,4,6-Tribromophenol
Concen: 13.88 ng
RT: 15.68 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:330 Resp: 51199

Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.9	112.3
141	174.2	145.2	217.8

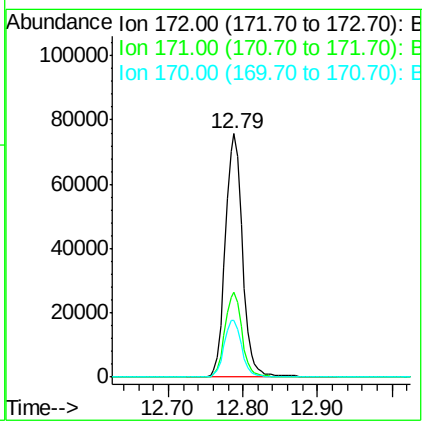


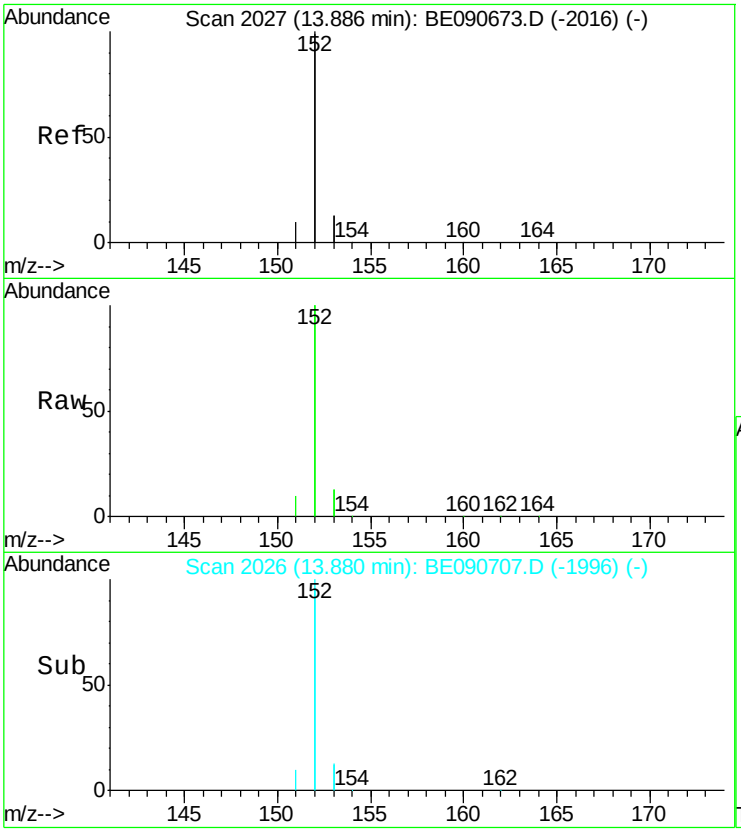


#14
2-Fluorobiphenyl
Concen: 3.48 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:172 Resp: 120203

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.5	19.8	29.6



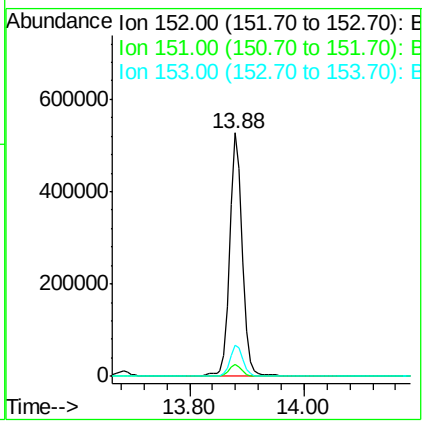


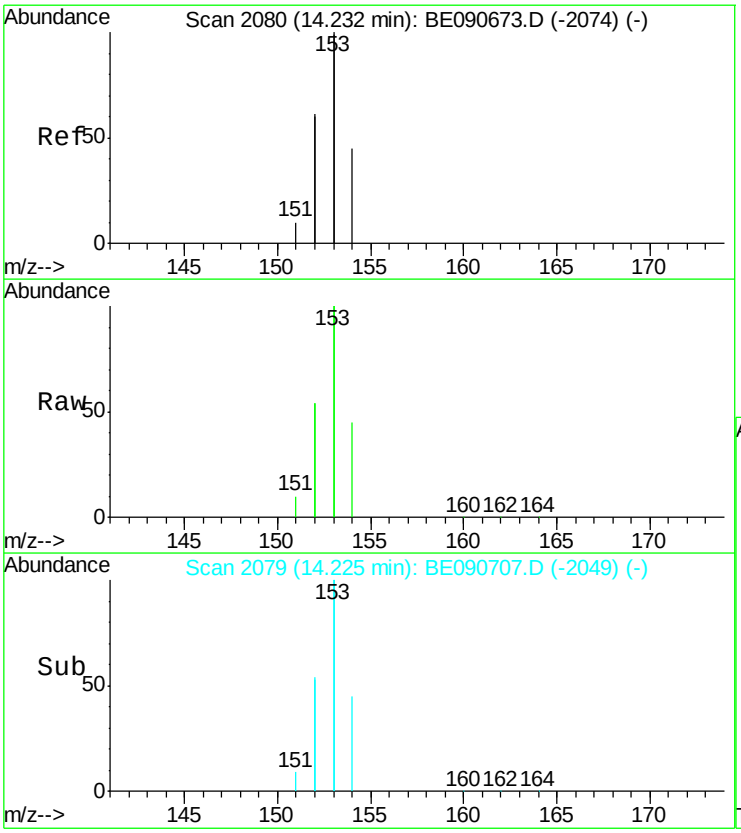
#15
Acenaphthylene
Concen: 3.91 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:152 Resp: 778194

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.3	15.5

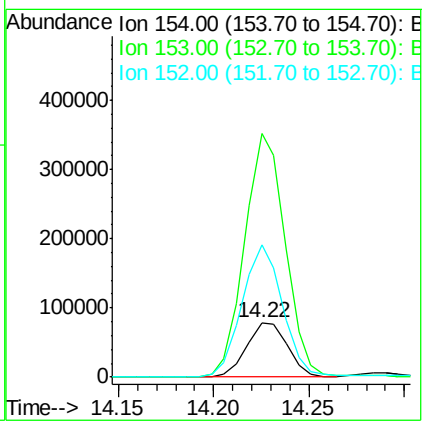


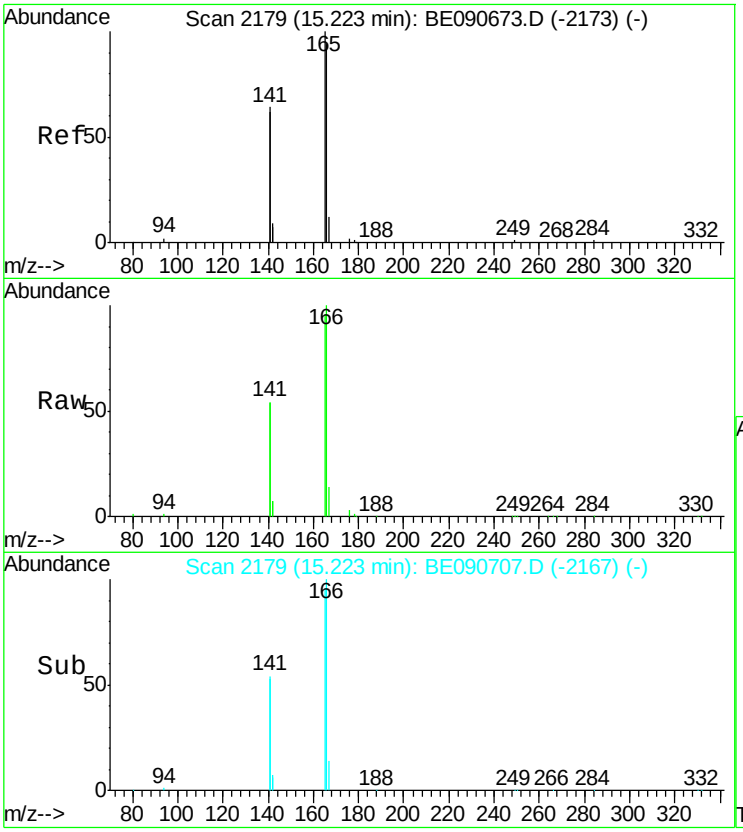


#16
Acenaphthene
Concen: 3.59 ng
RT: 14.22 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:154 Resp: 119459

Ion	Ratio	Lower	Upper
154	100		
153	437.9	354.5	531.7
152	236.7	227.8	341.6



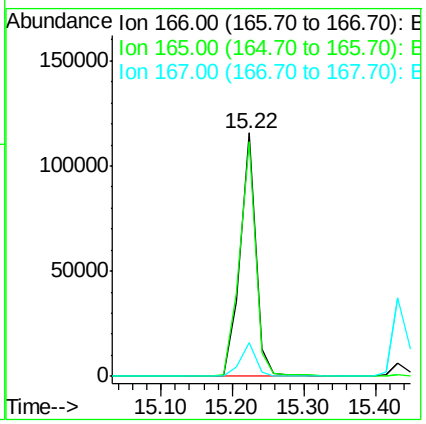


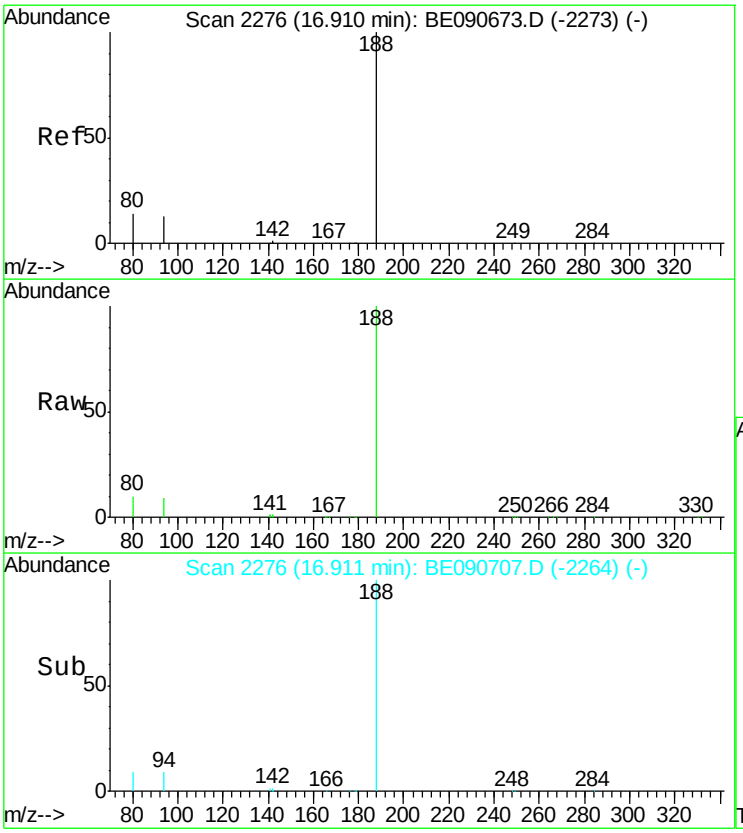
#17
Fluorene
Concen: 4.19 ng
RT: 15.22 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:166 Resp: 173918

Ion	Ratio	Lower	Upper
166	100		
165	98.8	82.7	124.1
167	13.6	10.7	16.1

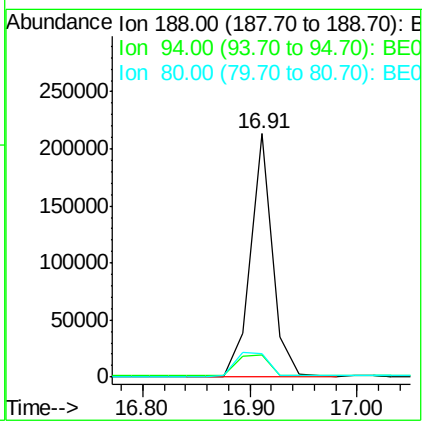


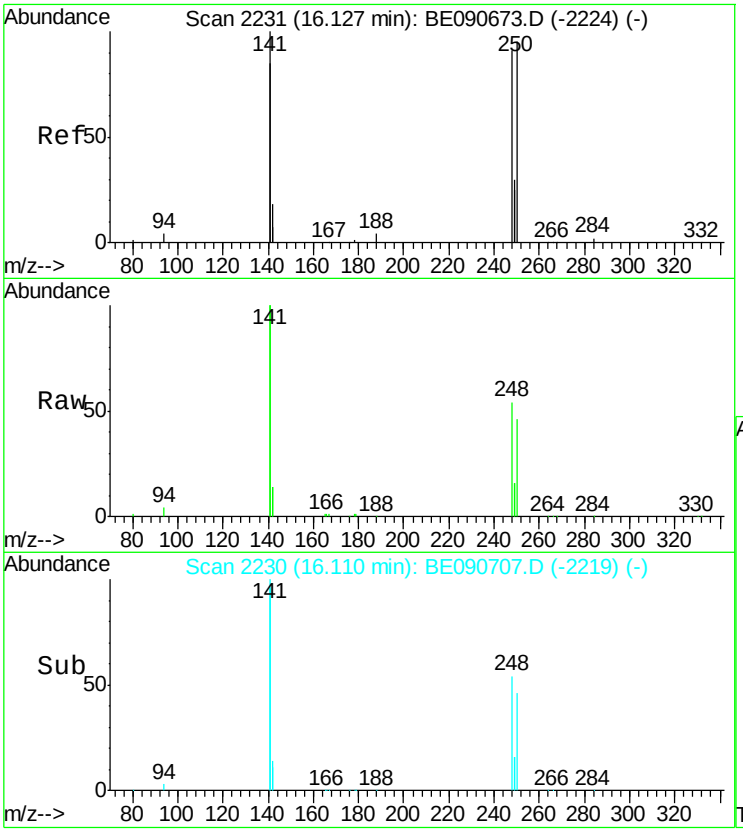


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:188 Resp: 302880

Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.3	15.5#
80	9.8	11.0	16.6#



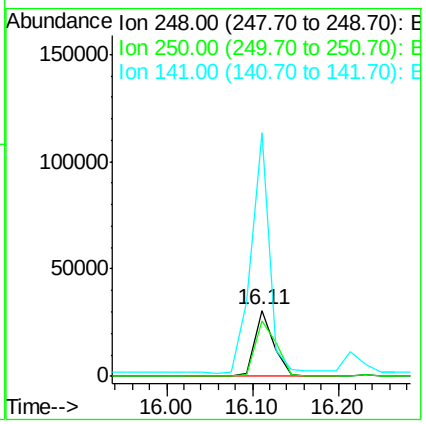


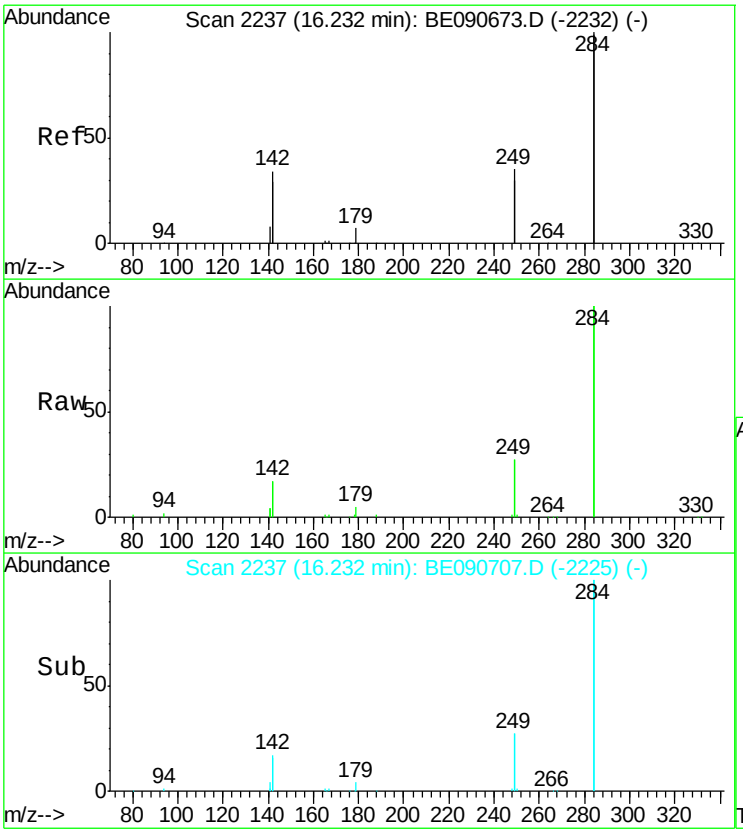
#19
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:248 Resp: 47120

Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.7	115.1
141	351.1	292.6	439.0

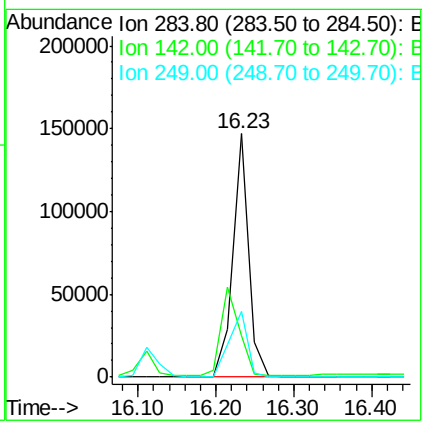


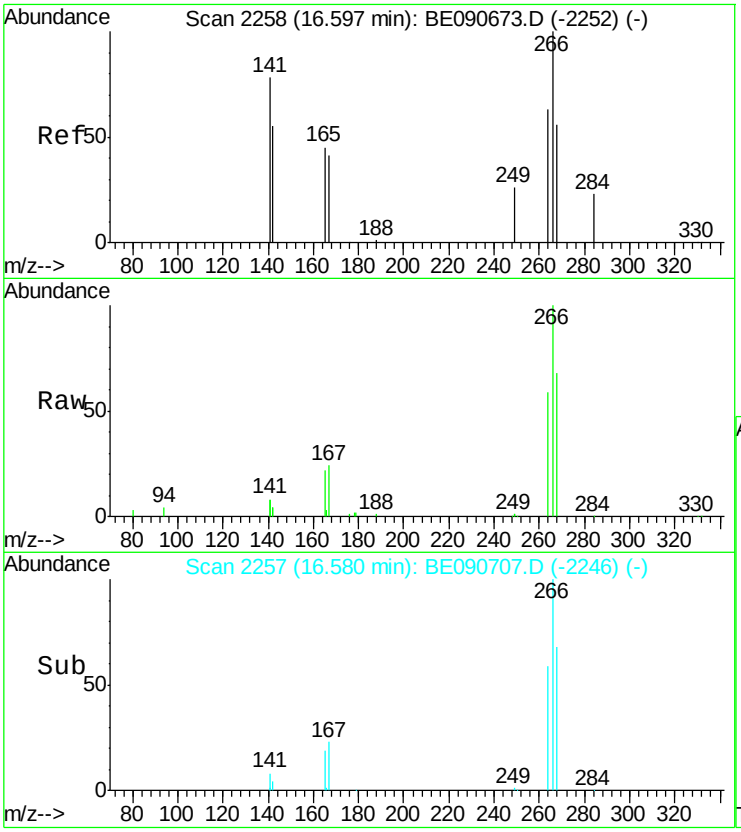


#20
Hexachlorobenzene
Concen: 4.17 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:284 Resp: 206329

Ion	Ratio	Lower	Upper
284	100		
142	41.3	35.0	52.4
249	31.1	25.5	38.3



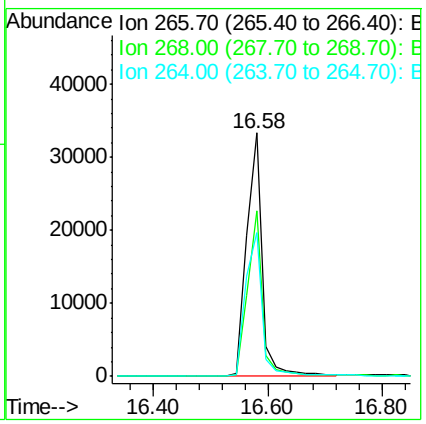


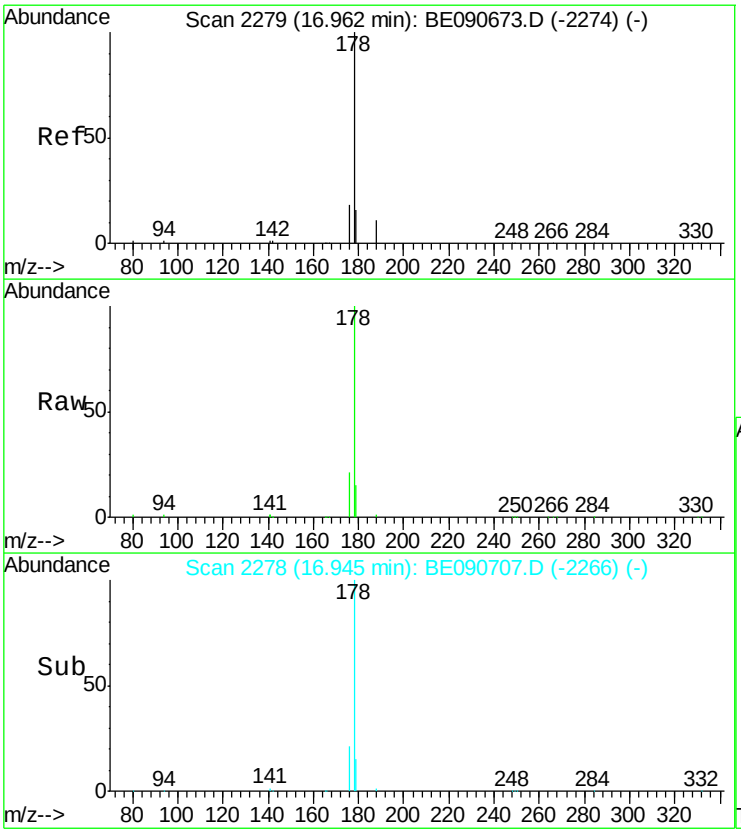
#21
Pentachlorophenol
Concen: 14.64 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:266 Resp: 63243

Ion	Ratio	Lower	Upper
266	100		
268	68.2	49.6	74.4
264	59.2	53.9	80.9

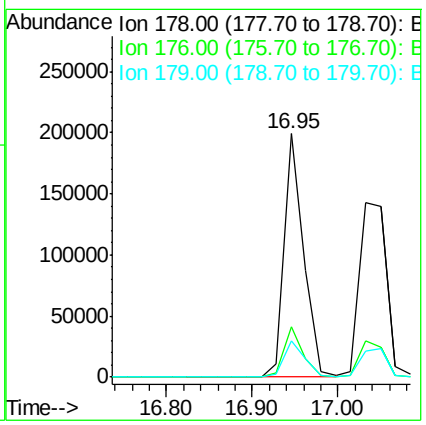


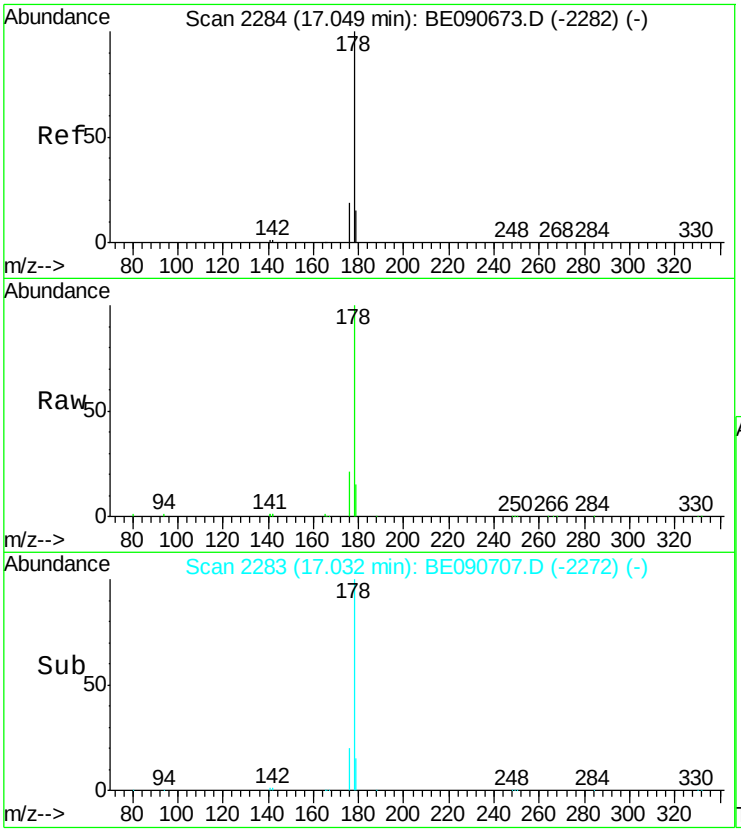


#22
Phenanthrene
Concen: 4.20 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:178 Resp: 314930

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.5	12.8	19.2



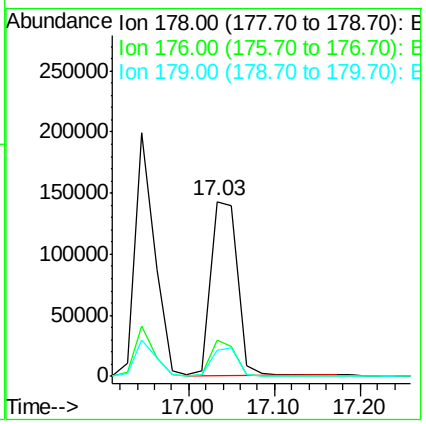


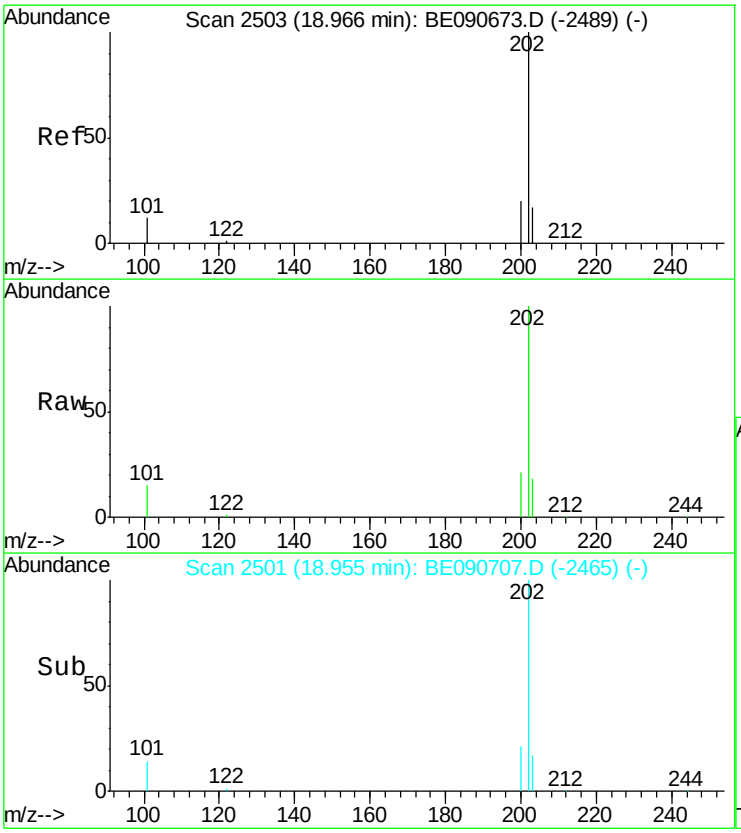
#23
Anthracene
Concen: 4.95 ng
RT: 17.03 min Scan# 2283
Delta R.T. -0.02 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:178 Resp: 309988

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5

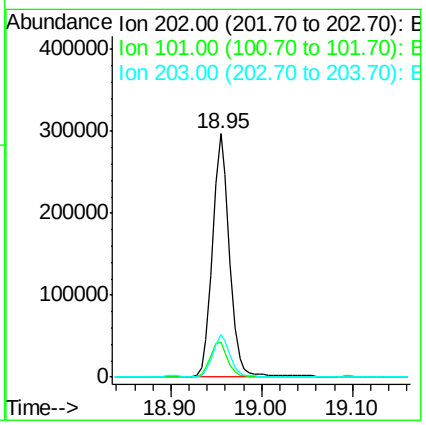


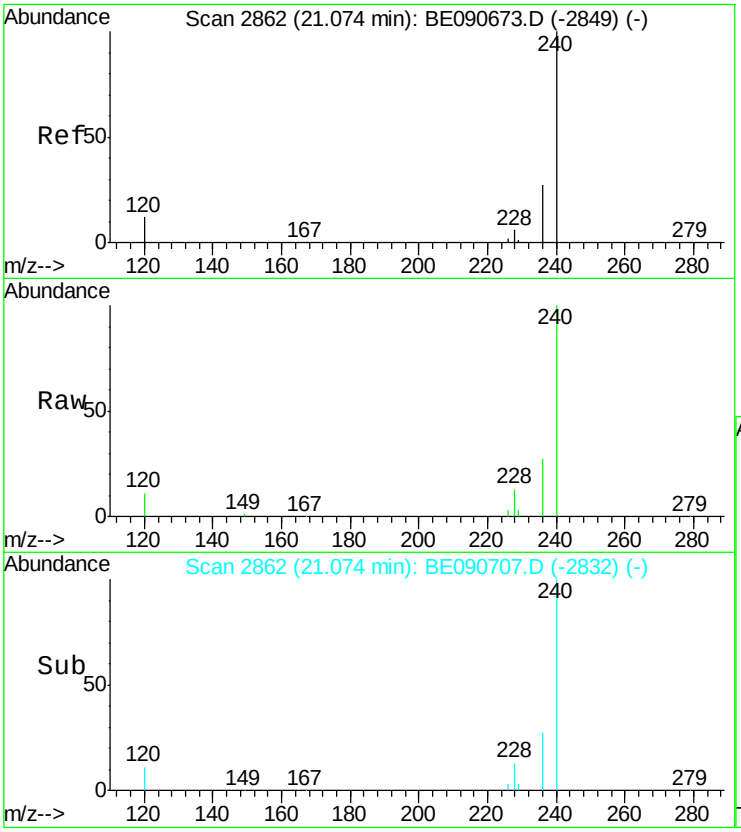


#24
Fluoranthene
Concen: 4.90 ng
RT: 18.95 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:202 Resp: 387032

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.0	16.6
203	17.2	13.9	20.9



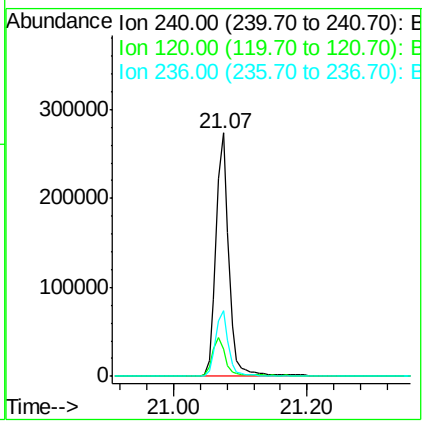


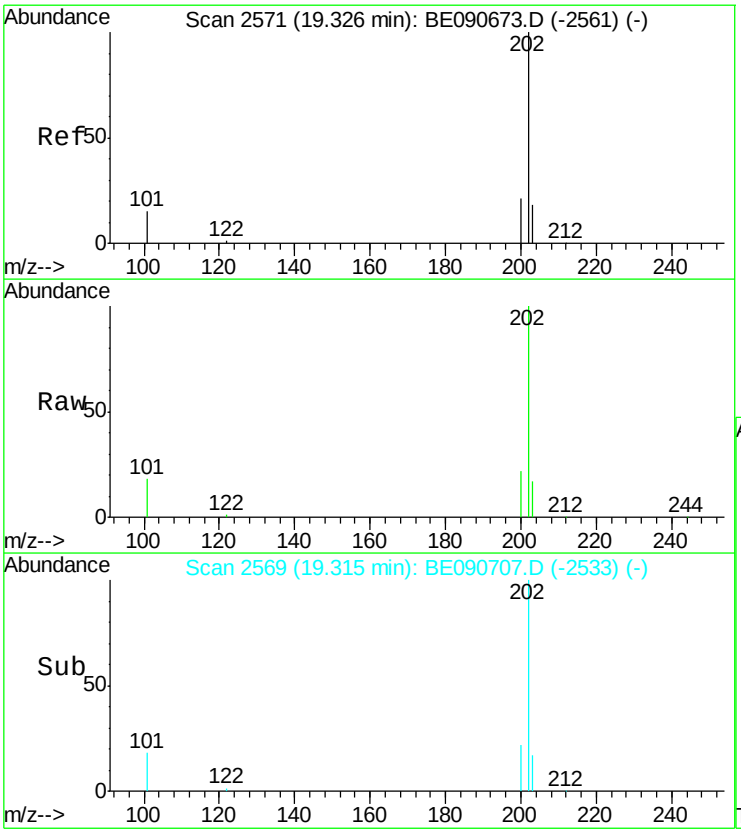
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2862
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:240 Resp: 359251

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.1	15.1
236	26.8	21.9	32.9

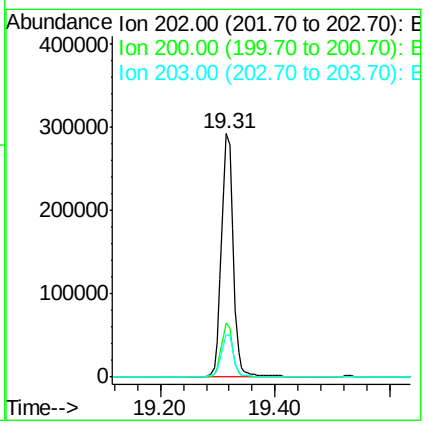


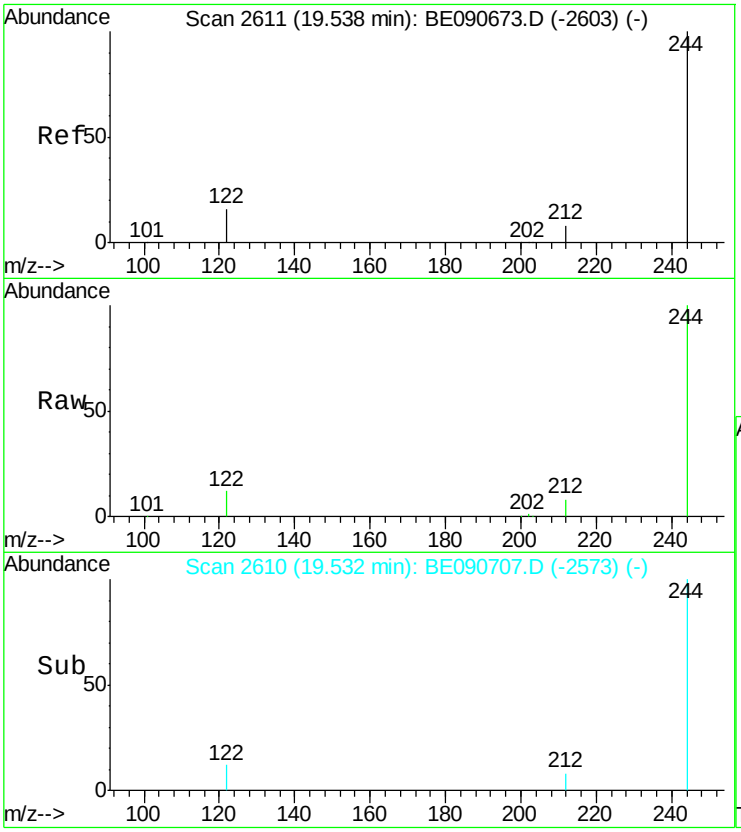


#26
Pyrene
Concen: 5.52 ng
RT: 19.31 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:202 Resp: 410748

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.7	25.1
203	18.0	13.8	20.6



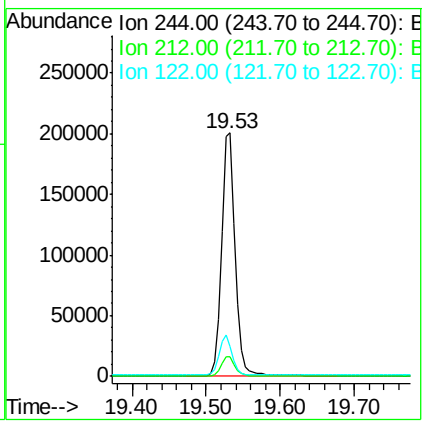


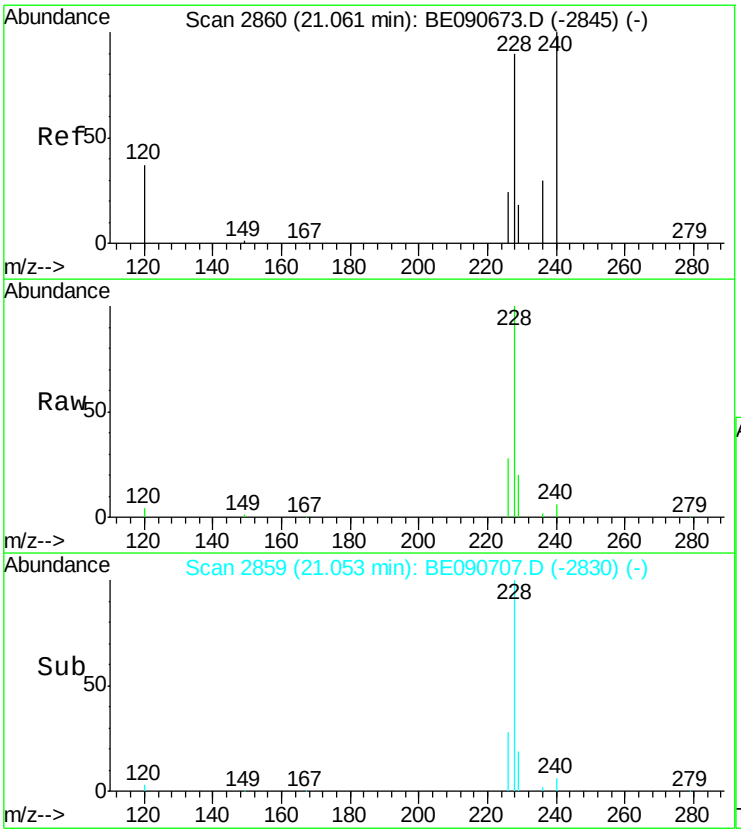
#27
Terphenyl-d14
Concen: 6.53 ng
RT: 19.53 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:244 Resp: 259405

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	12.5	12.9	19.3#

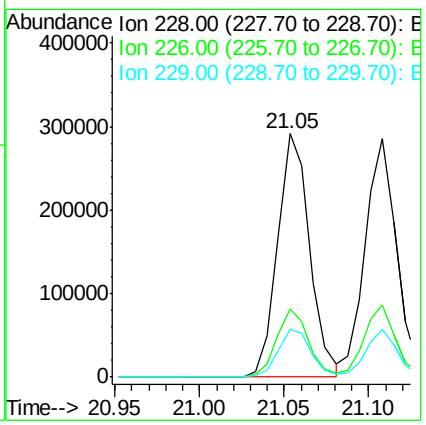


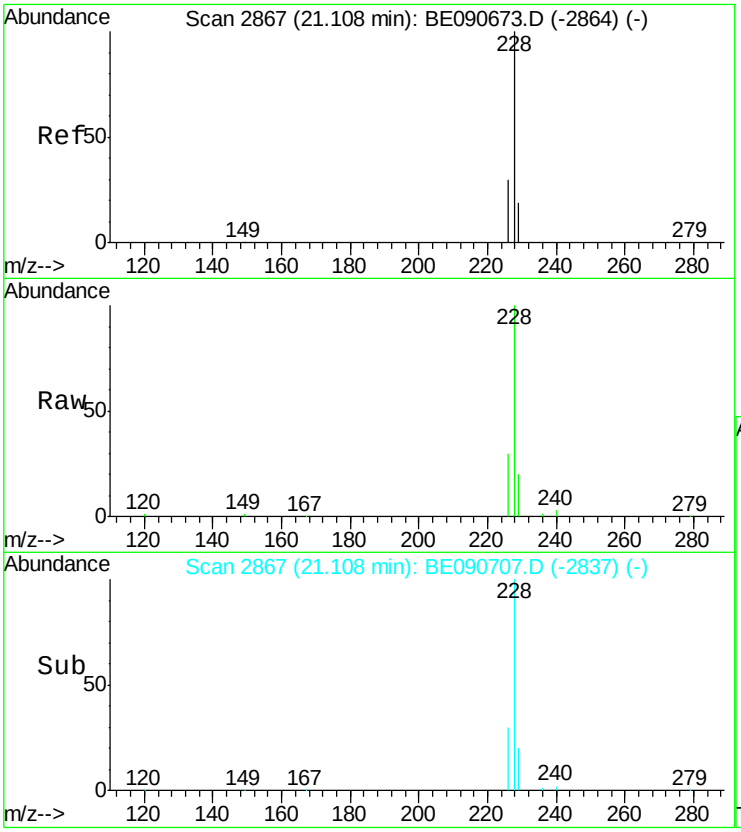


#28
Benzo(a)anthracene
Concen: 4.86 ng
RT: 21.05 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:228 Resp: 382561

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.6	32.4
229	19.6	15.9	23.9



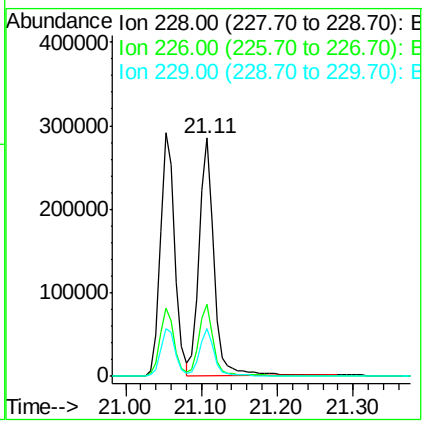


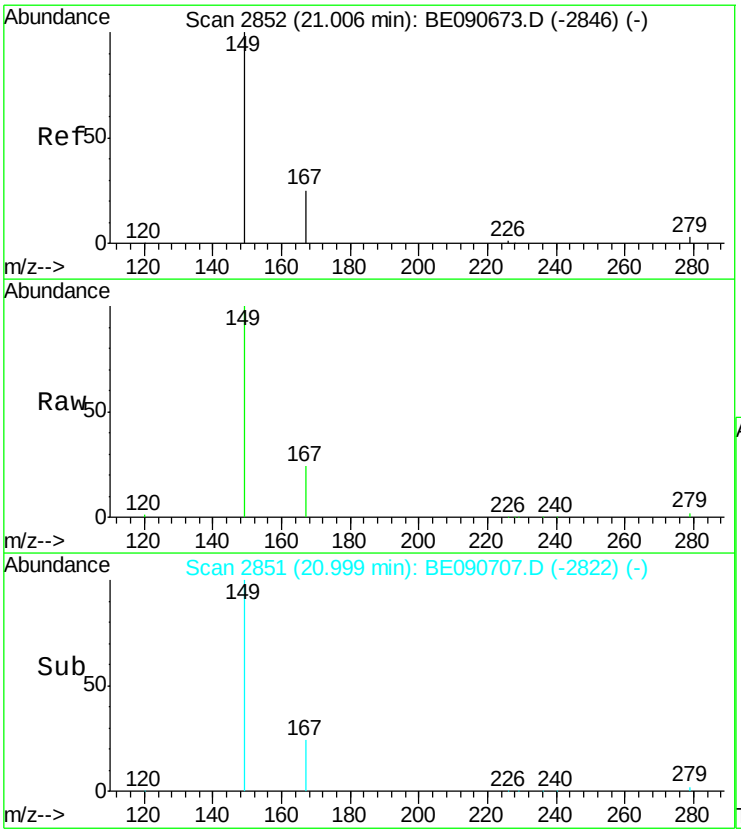
#29
Chrysene
Concen: 4.66 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:228 Resp: 386418

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.9	15.3	22.9

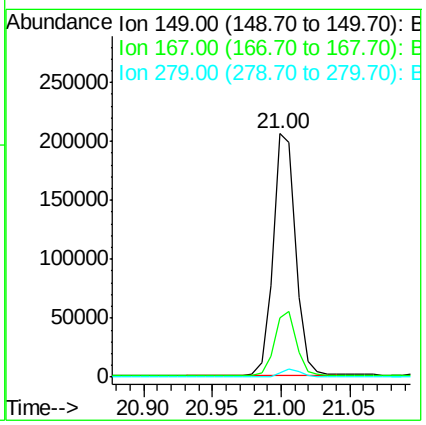


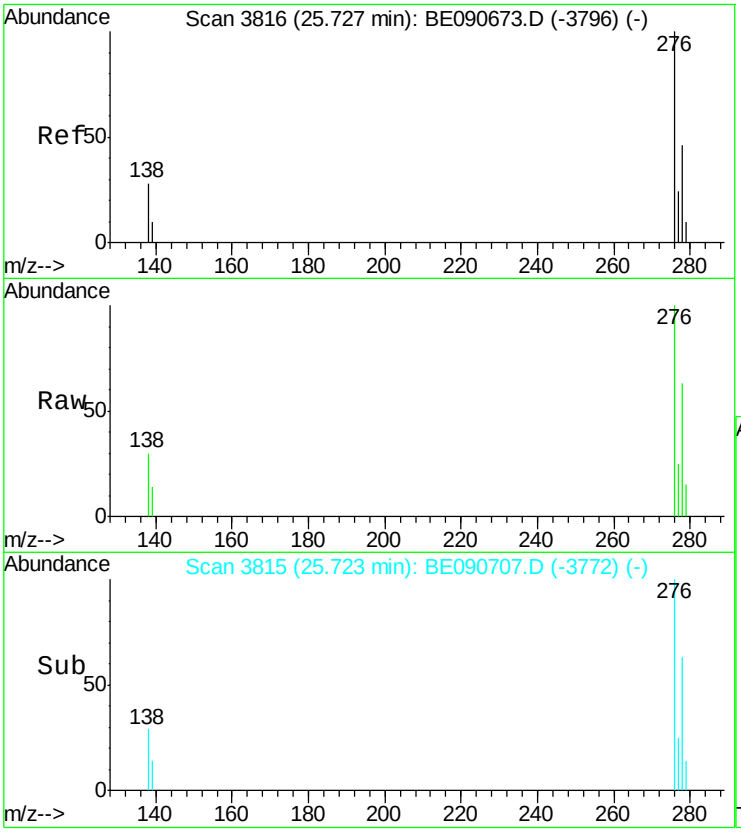


#30
Bis(2-ethylhexyl)phthalate
Concen: 7.58 ng
RT: 21.00 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:149 Resp: 234606

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	3.0	2.3	3.5



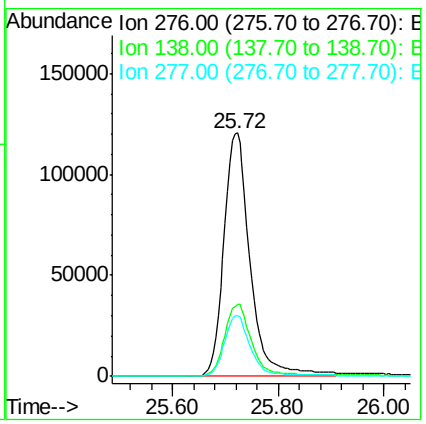


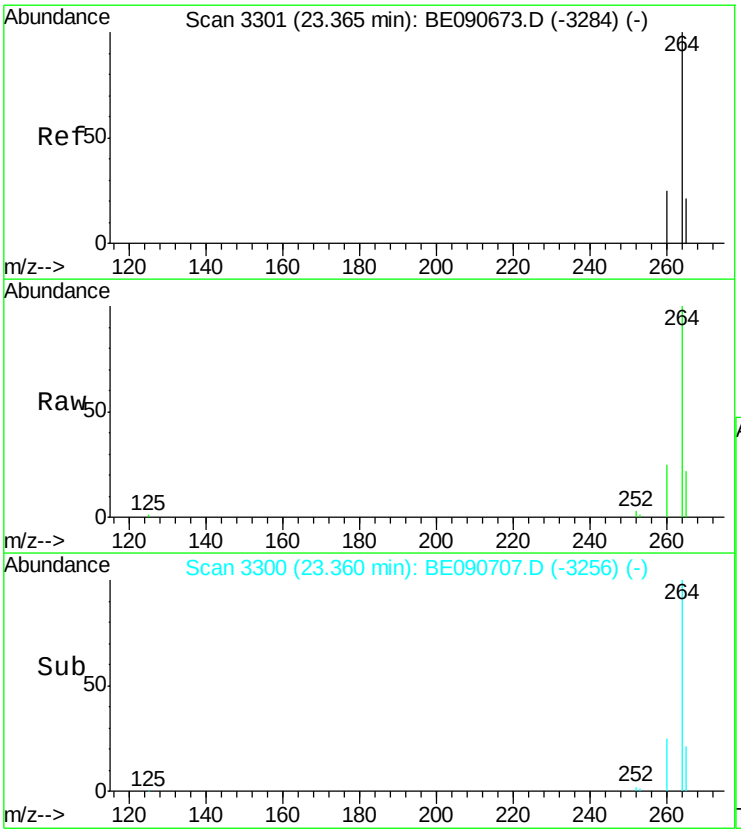
#31
Indeno(1,2,3-cd)pyrene
Concen: 4.90 ng
RT: 25.72 min Scan# 3815
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:276 Resp: 416255

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.3	34.9
277	25.1	19.8	29.6

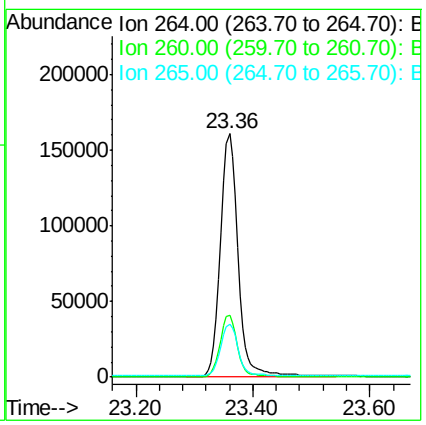


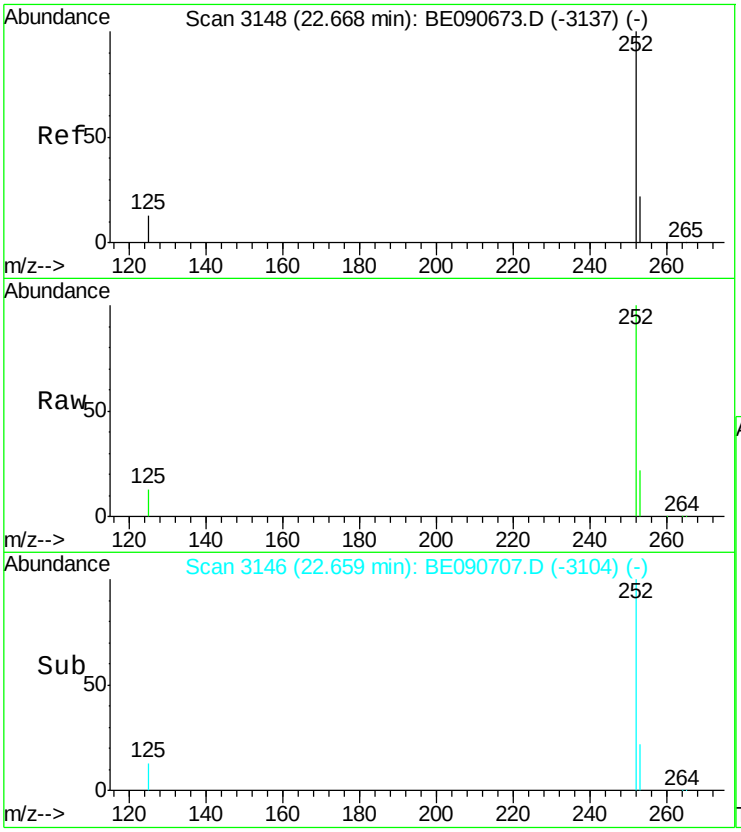


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:264 Resp: 334206

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.8	17.5	26.3



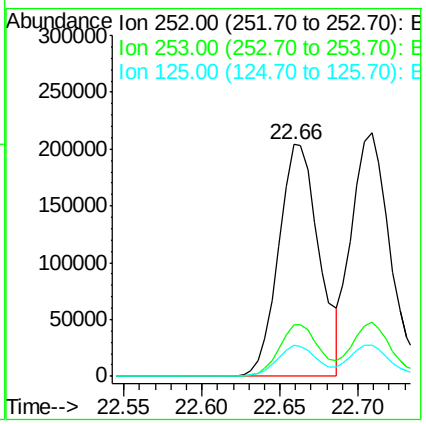


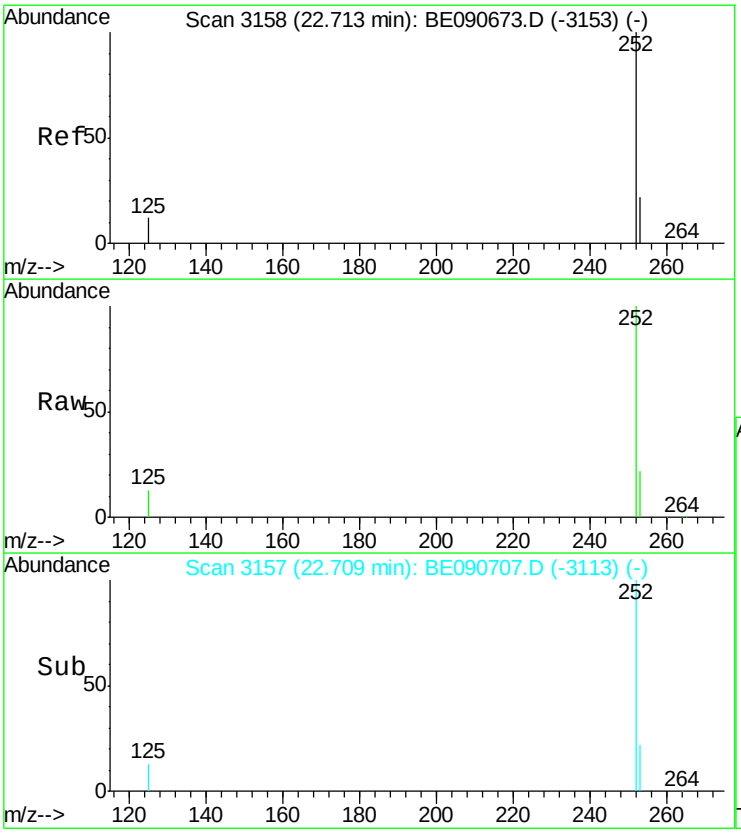
#33
Benzo(b)fluoranthene
Concen: 5.05 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:252 Resp: 365610

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.2	10.6	16.0

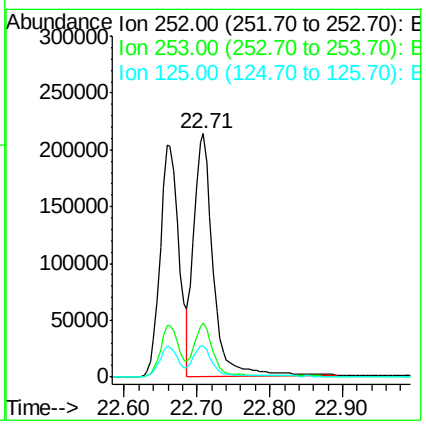


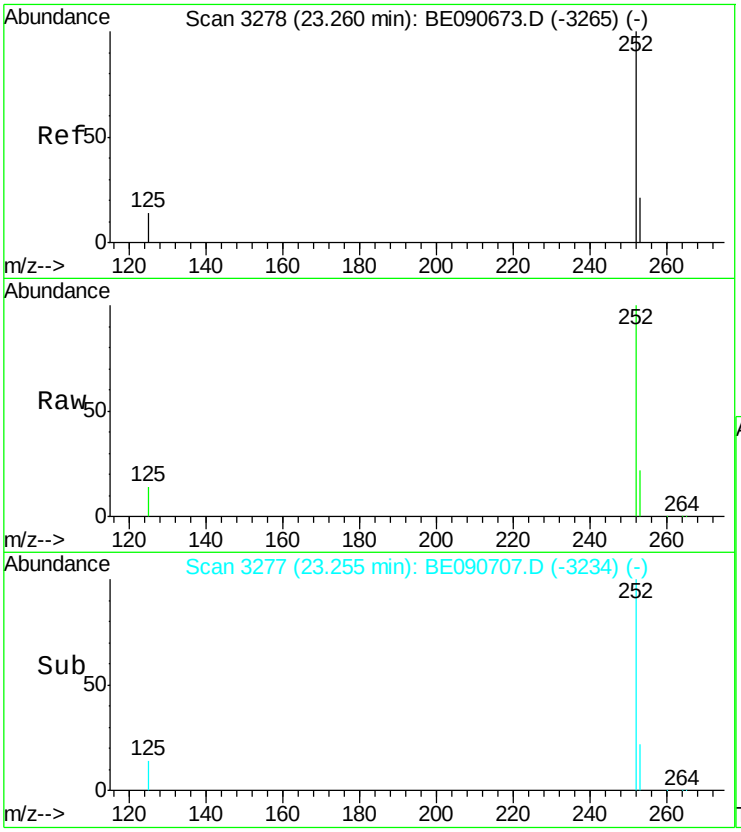


#34
Benzo(k)fluoranthene
Concen: 4.60 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:252 Resp: 388585

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.0	10.1	15.1



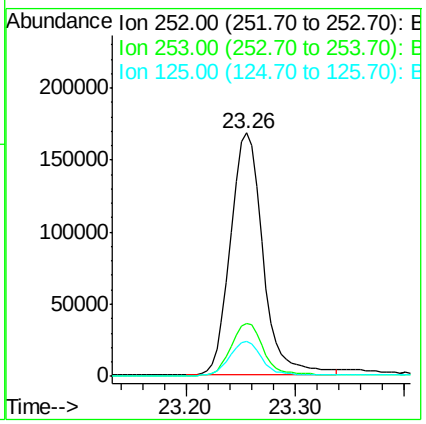


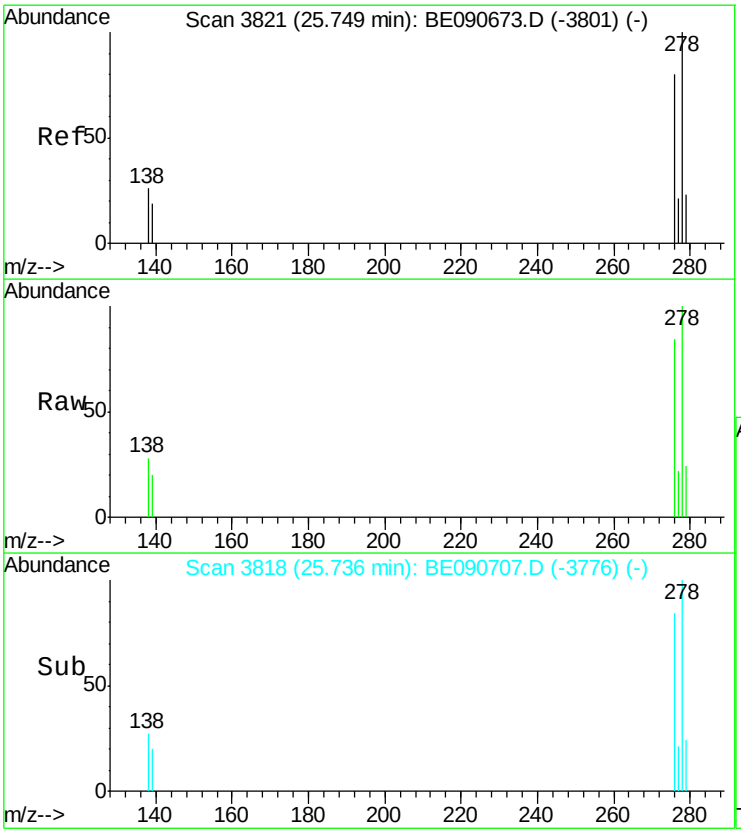
#35
Benzo(a)pyrene
Concen: 5.37 ng
RT: 23.26 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:252 Resp: 348232

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.3	11.6	17.4

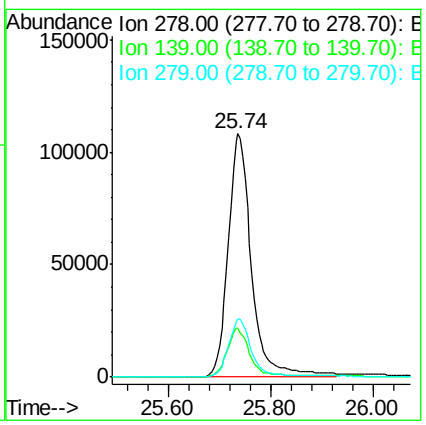


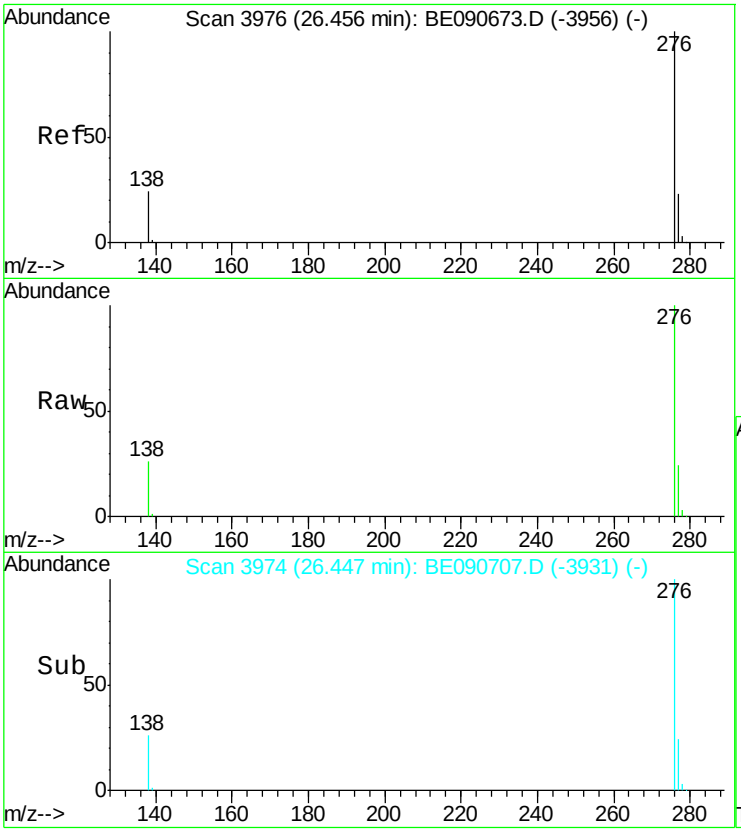


#36
Dibenzo(a,h)anthracene
Concen: 4.36 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Tgt Ion:278 Resp: 343172

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.4	23.0
279	23.9	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 4.73 ng
RT: 26.45 min Scan# 3974
Delta R.T. -0.00 min
Lab File: BE090707.D
Acq: 2 Sep 2015 16:45

Instrument :
BNA_E
ClientSampleId :
MW01-082815MS

Tgt Ion:276 Resp: 352949

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	25.8	20.1	30.1