Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
Data File : BE090750.D
Acq On : 8 Sep 2015 16:13
Operator : UM/IZ
Sample : PB85439BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85439BSD

Quant Time: Sep 08 23:07:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:05:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38506	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	183271	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	100513	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	247942	5.00	ng		0.00
25) Chrysene-d12	21.07	240	313742	5.00	ng		0.00
32) Perylene-d12	23.36	264	274421	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	61755	8.23	ng		0.00
5) Phenol-d6	6.74	99	97187	9.06	ng		-0.01
7) Nitrobenzene-d5	8.69	82	48773	4.03	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	25029	8.47	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	101554	3.65	ng		0.00
27) Terphenyl-d14	19.53	244	158204	4.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	18028	3.55	ng		96
3) n-Nitrosodimethylamine	3.45	42	23734	3.46	ng	#	97
8) Nitrobenzene	8.73	77	51099	3.47	ng		98
9) Naphthalene	10.35	128	133454	3.34	ng		99
10) Hexachlorobutadiene	10.65	225	19502	3.12	ng		100
11) 2-Methylnaphthalene	11.97	142	86035	3.98	ng		98
15) Acenaphthylene	13.88	152	590130	3.67	ng		100
16) Acenaphthene	14.23	154	91303	3.40	ng		91
17) Fluorene	15.22	166	120583	3.60	ng		97
19) 4-Bromophenyl-phenylether	16.11	248	30560	3.62	ng		98
20) Hexachlorobenzene	16.23	284	148013	3.64	ng		99
21) Pentachlorophenol	16.58	266	25628	7.48	ng		96
22) Phenanthrene	16.94	178	215052	3.50	ng		99
23) Anthracene	17.05	178	202616	3.95	ng		100
24) Fluoranthene	18.96	202	248778	3.85	ng		99
26) Pyrene	19.32	202	277599	4.28	ng		99
28) Benzo(a)anthracene	21.05	228	272470	3.96	ng		98
29) Chrysene	21.11	228	282667	3.89	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	89962	4.01	ng		99
31) Indeno(1,2,3-cd)pyrene	25.72	276	283514	3.83	ng		99
33) Benzo(b)fluoranthene	22.66	252	240523	4.04	ng		99
34) Benzo(k)fluoranthene	22.71	252	281602	4.06	ng		99
35) Benzo(a)pyrene	23.25	252	230884	4.34	ng		99
36) Dibenzo(a,h)anthracene	25.74	278	233579	3.64	ng		99
37) Benzo(g,h,i)perylene	26.44	276	244289	3.99	ng		98

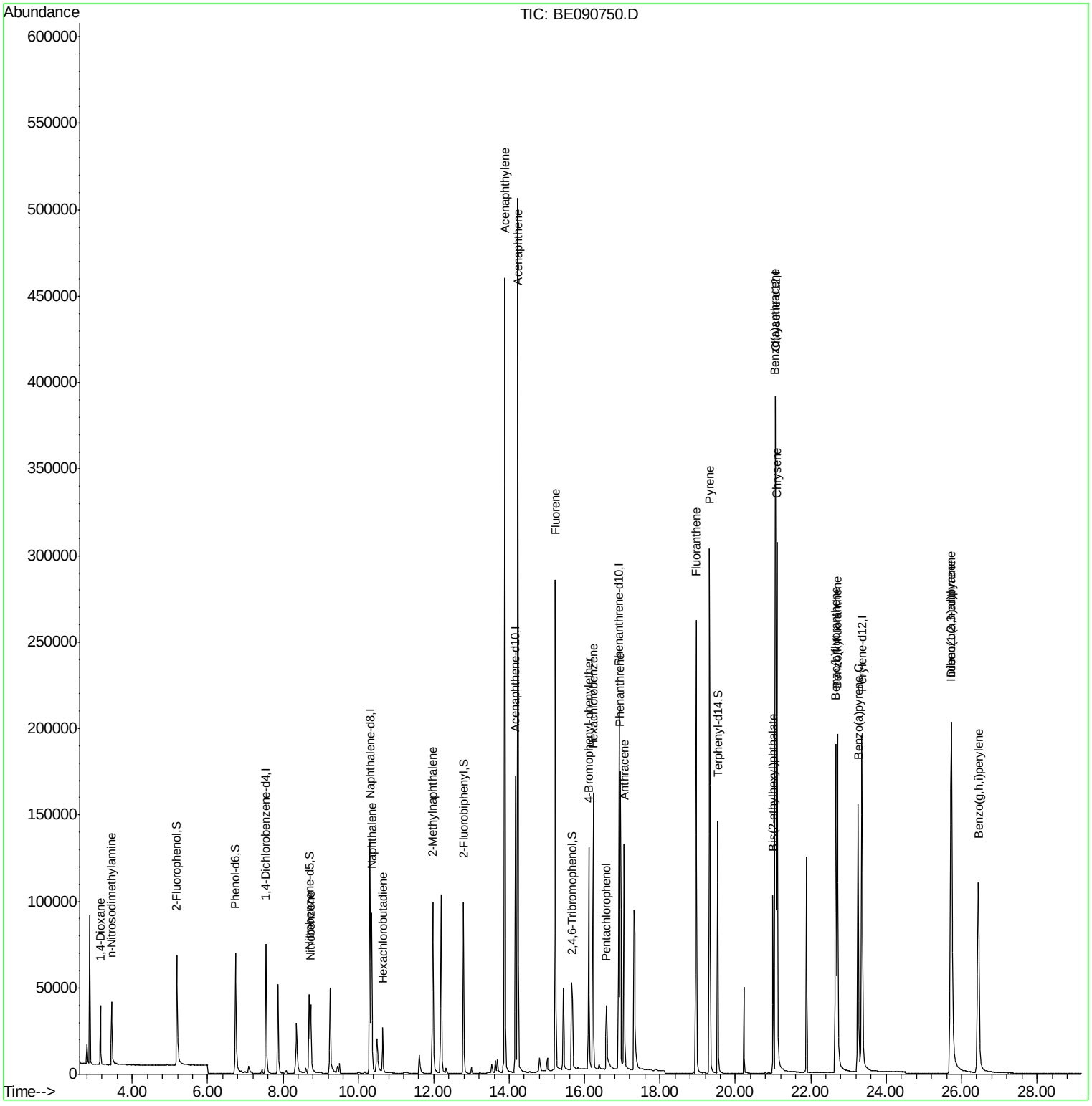
(#) = qualifier out of range (m) = manual integration (+) = signals summed

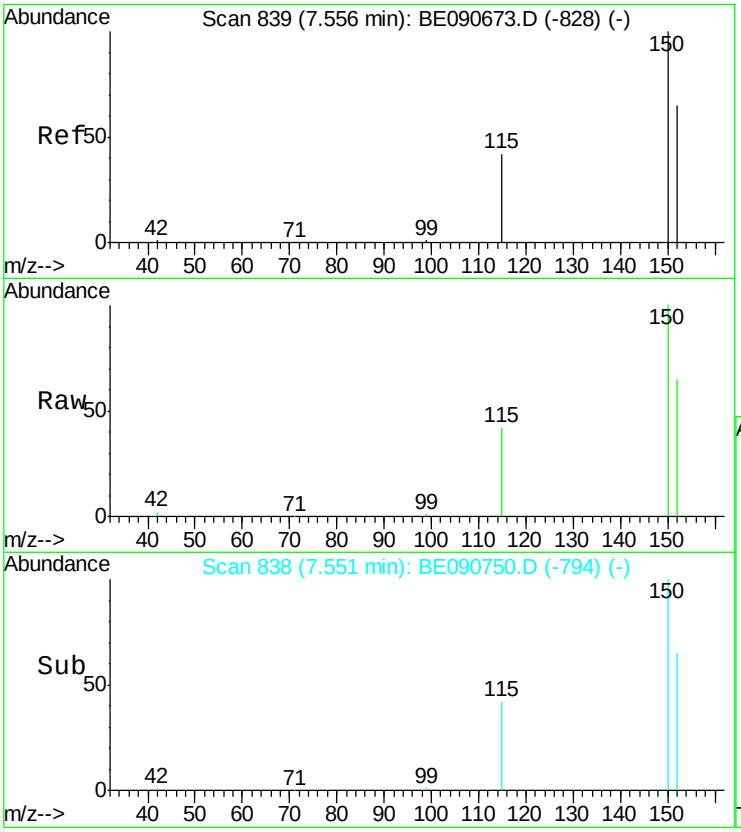
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090815\
Data File : BE090750.D
Acq On : 8 Sep 2015 16:13
Operator : UM/IZ
Sample : PB85439BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Quant Time: Sep 08 23:07:13 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 23:05:35 2015
Response via : Initial Calibration



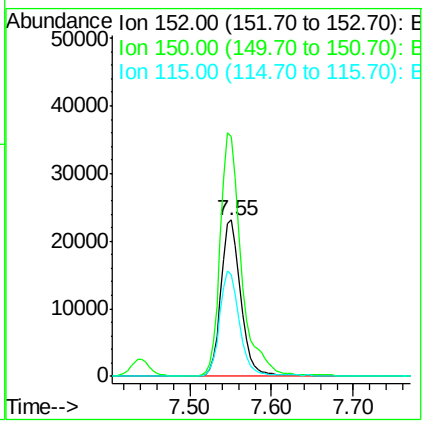


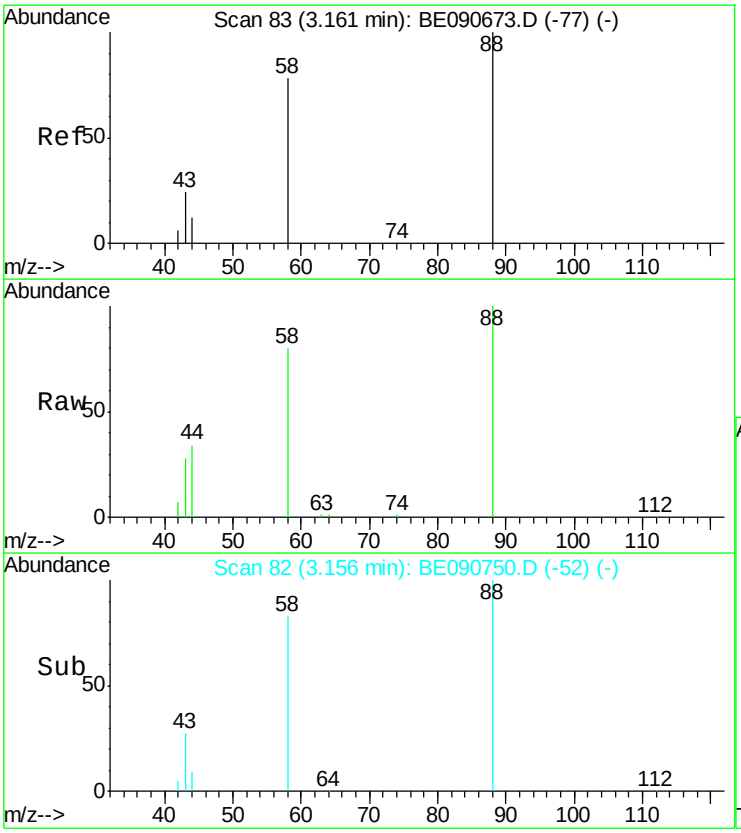
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:152 Resp: 38506

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.2	183.4
115	65.2	51.0	76.4

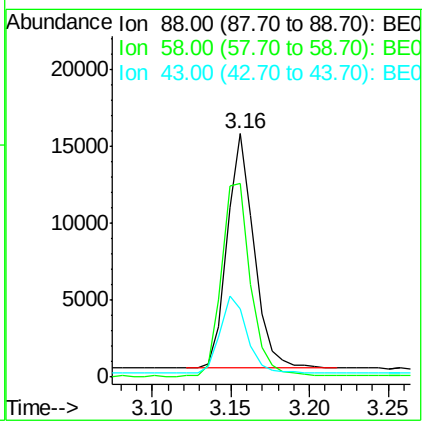


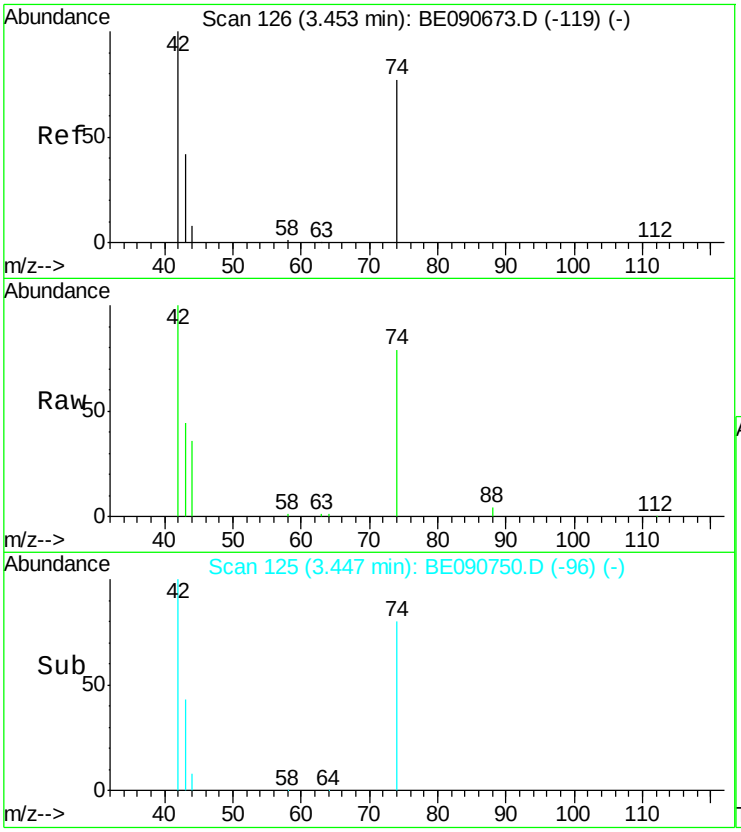


#2
1,4-Dioxane
Concen: 3.55 ng
RT: 3.16 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion: 88 Resp: 18028

Ion	Ratio	Lower	Upper
88	100		
58	90.4	68.4	102.6
43	33.6	26.9	40.3



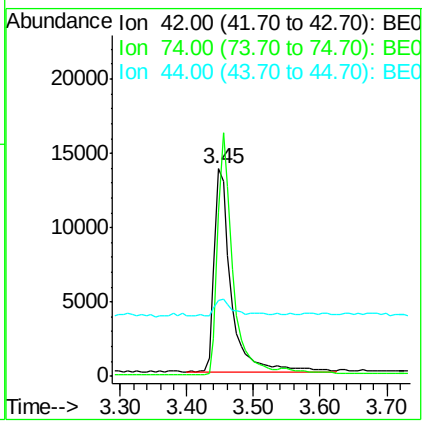


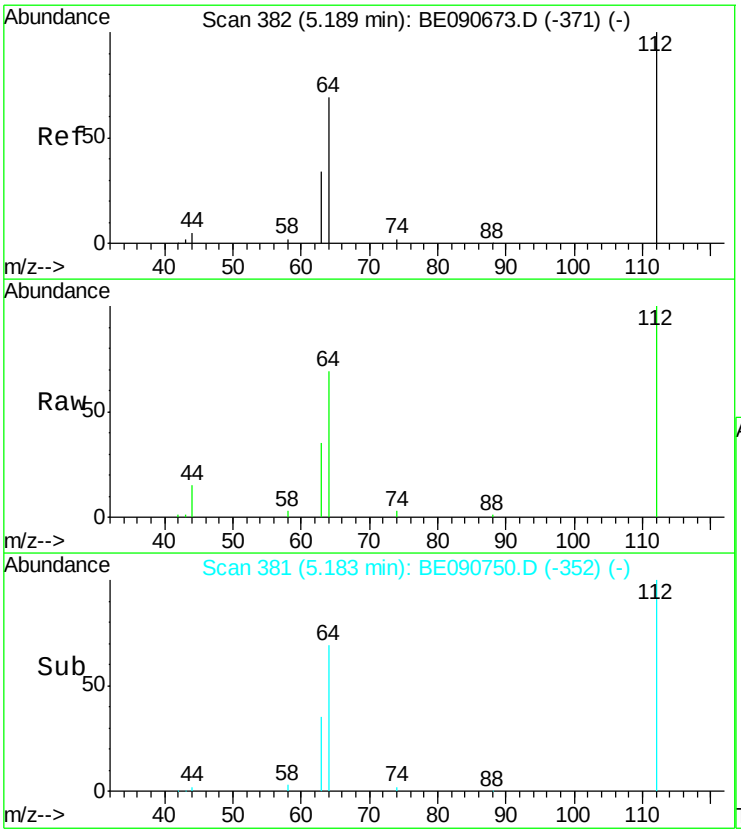
#3
n-Nitrosodimethylamine
Concen: 3.46 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion: 42 Resp: 23734

Ion	Ratio	Lower	Upper
42	100		
74	106.8	83.7	125.5
44	8.7	10.0	15.0#

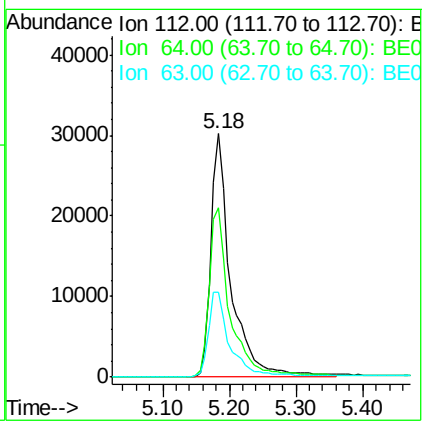


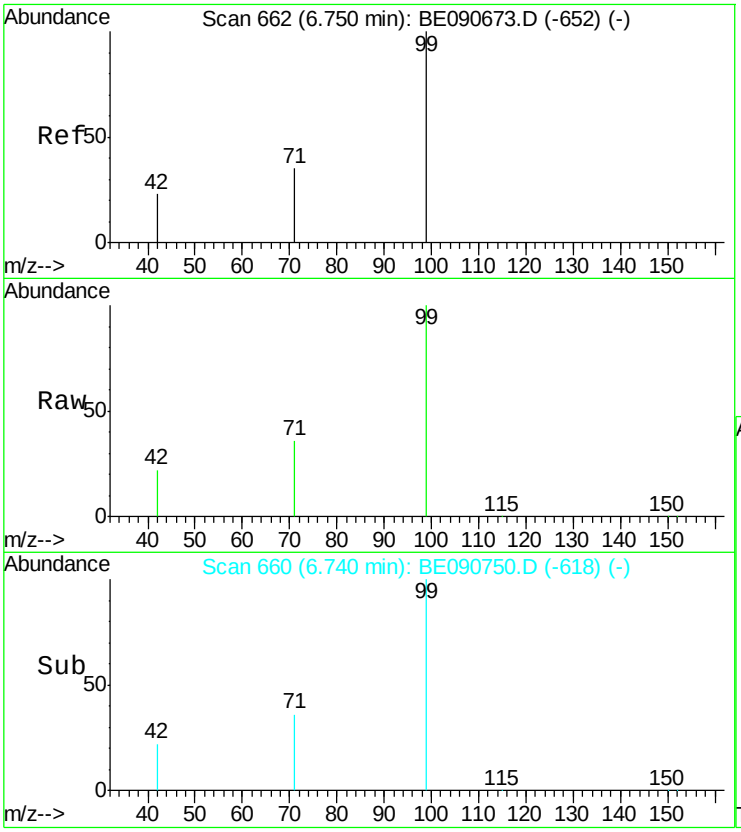


#4
2-Fluorophenol
Concen: 8.23 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:112 Resp: 61755

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.3	85.9
63	37.0	29.2	43.8



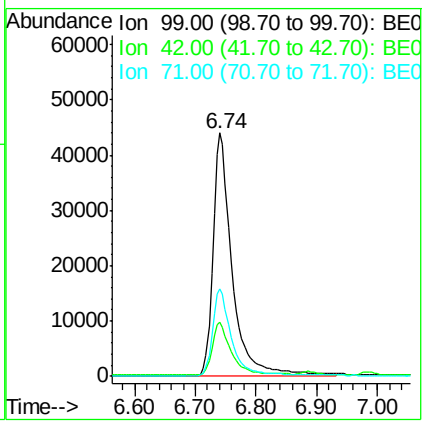


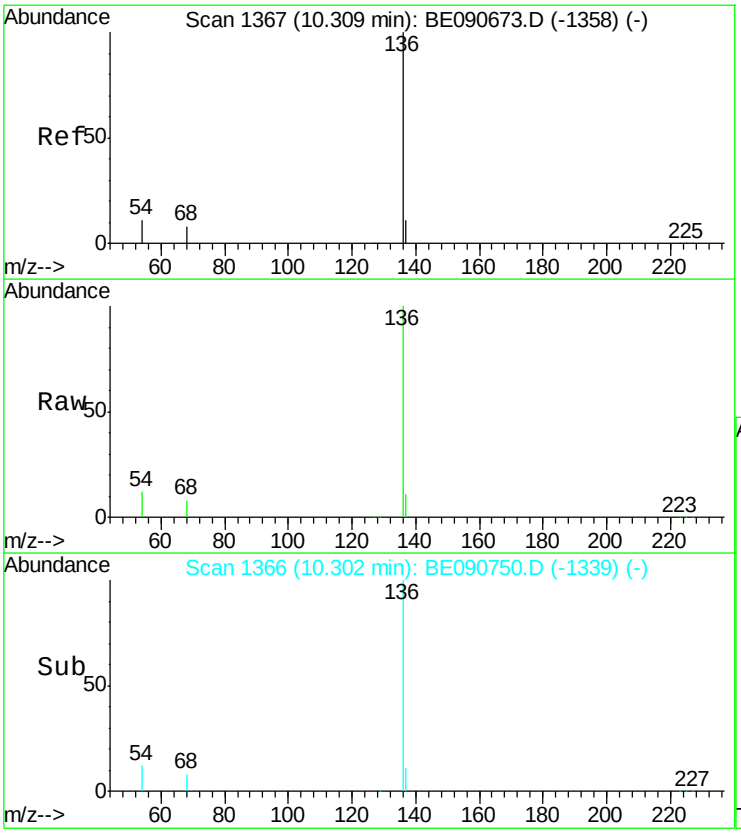
#5
Phenol-d6
Concen: 9.06 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion: 99 Resp: 97187

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.8	25.2
71	36.1	28.3	42.5

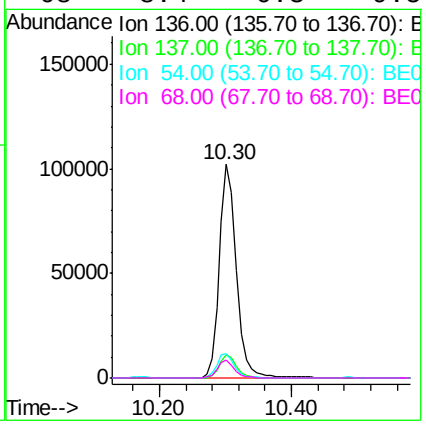


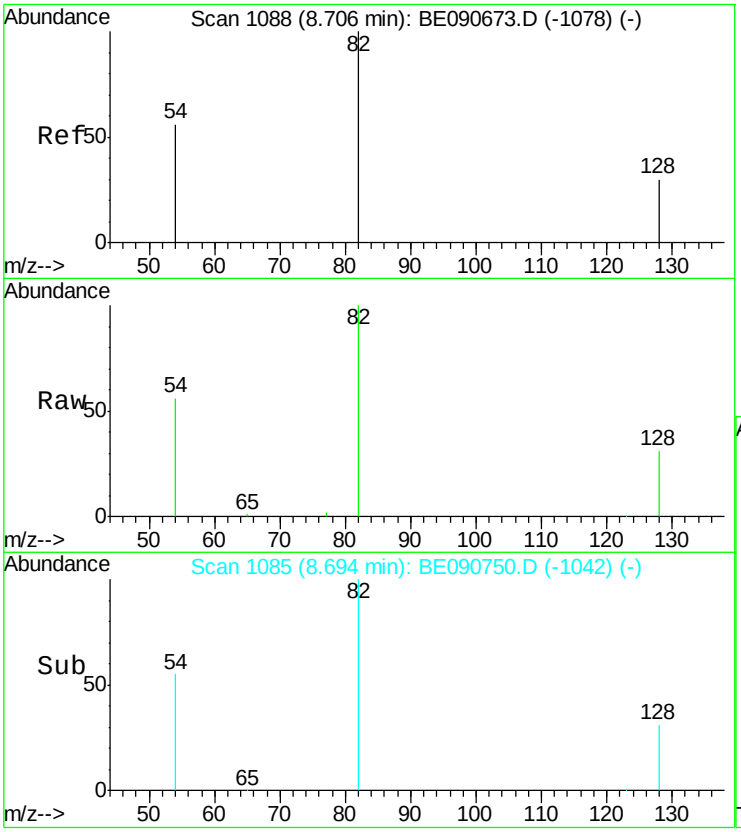


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:136 Resp: 183271

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.6	9.0	13.6
68	8.4	6.3	9.5



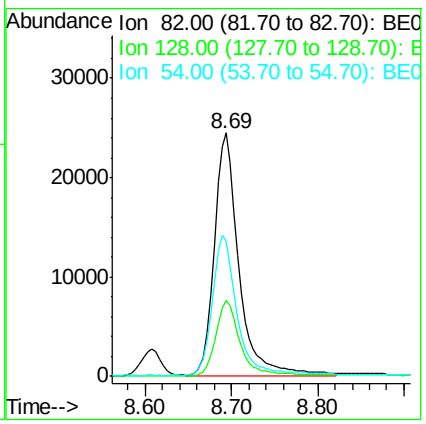


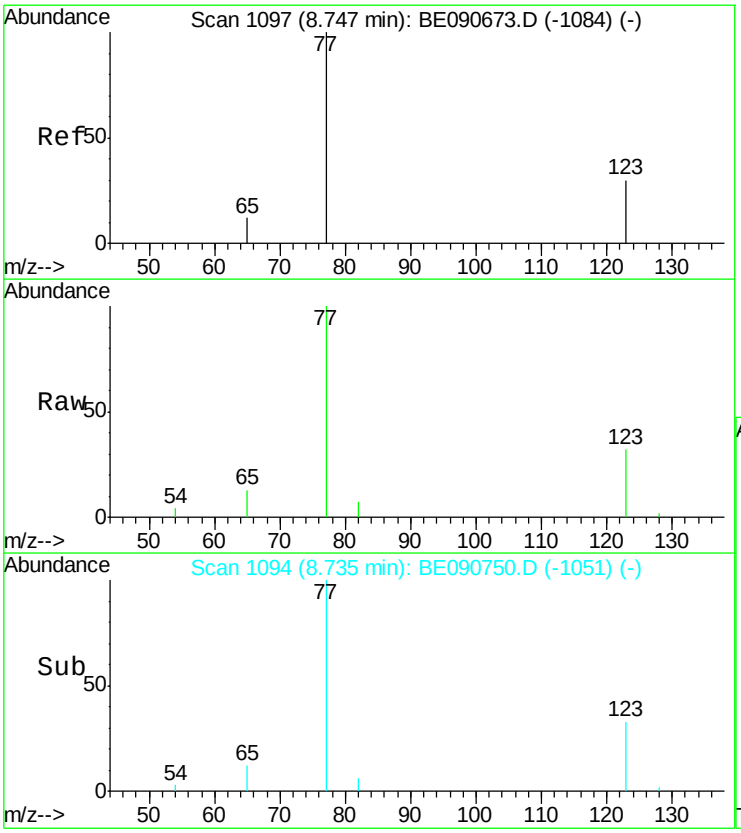
#7
Nitrobenzene-d5
Concen: 4.03 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion: 82 Resp: 48773

Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.0	37.4
54	55.6	46.3	69.5

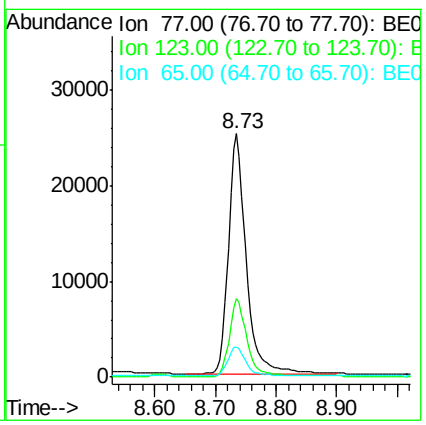


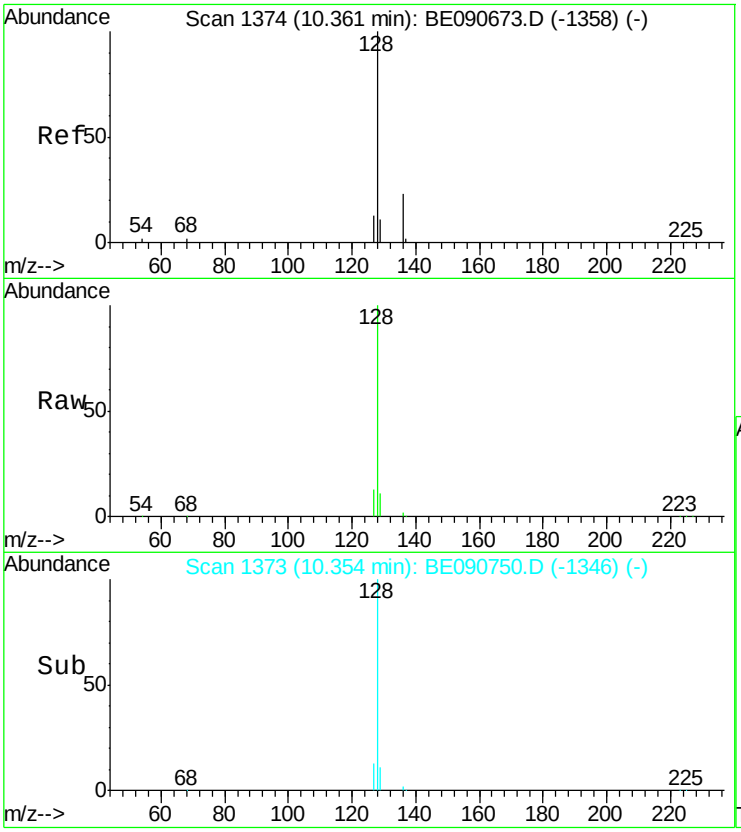


#8
Nitrobenzene
Concen: 3.47 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion: 77 Resp: 51099

Ion	Ratio	Lower	Upper
77	100		
123	32.8	25.1	37.7
65	12.5	9.9	14.9



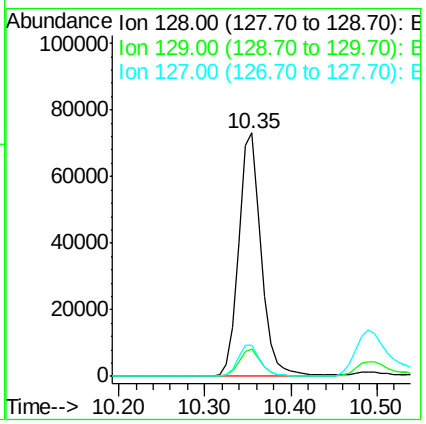


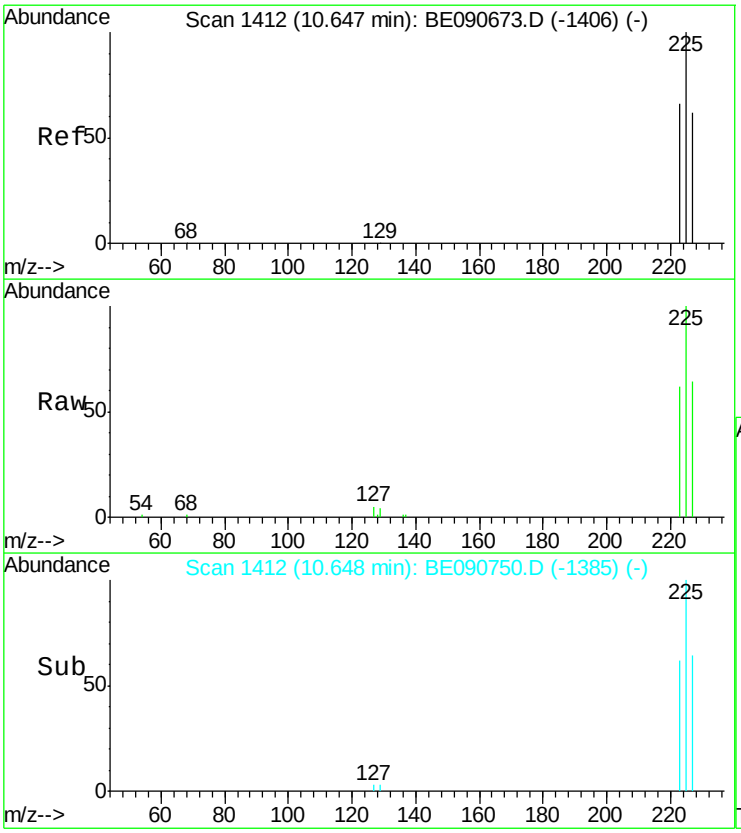
#9
Naphthalene
Concen: 3.34 ng
RT: 10.35 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:128 Resp: 133454

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	12.8	10.6	15.8

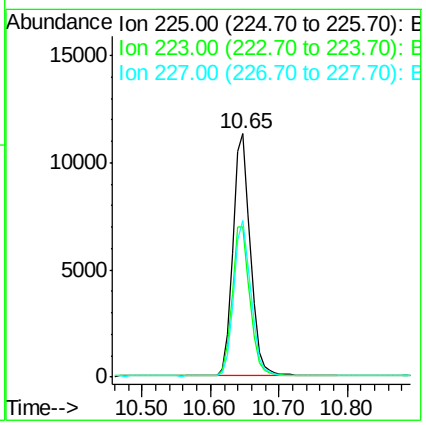


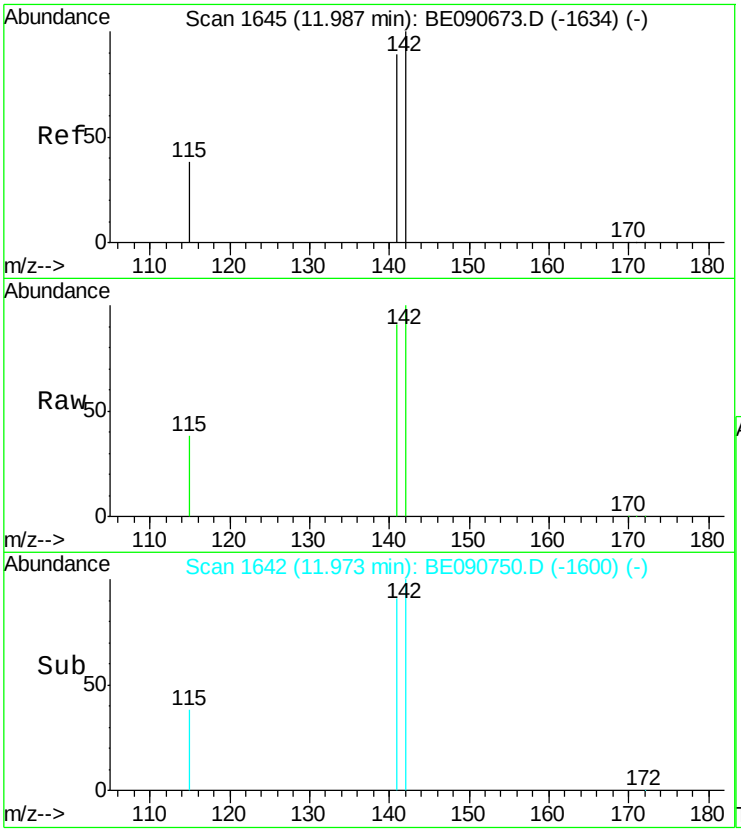


#10
Hexachlorobutadiene
Concen: 3.12 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:225 Resp: 19502

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.4	51.0	76.6



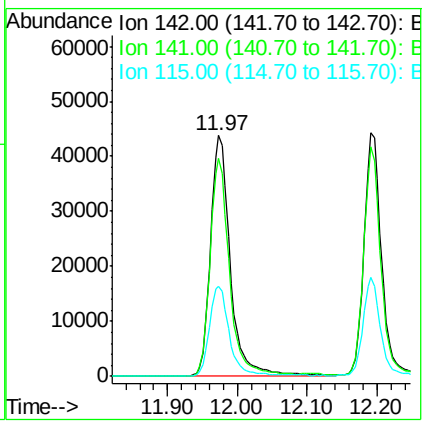


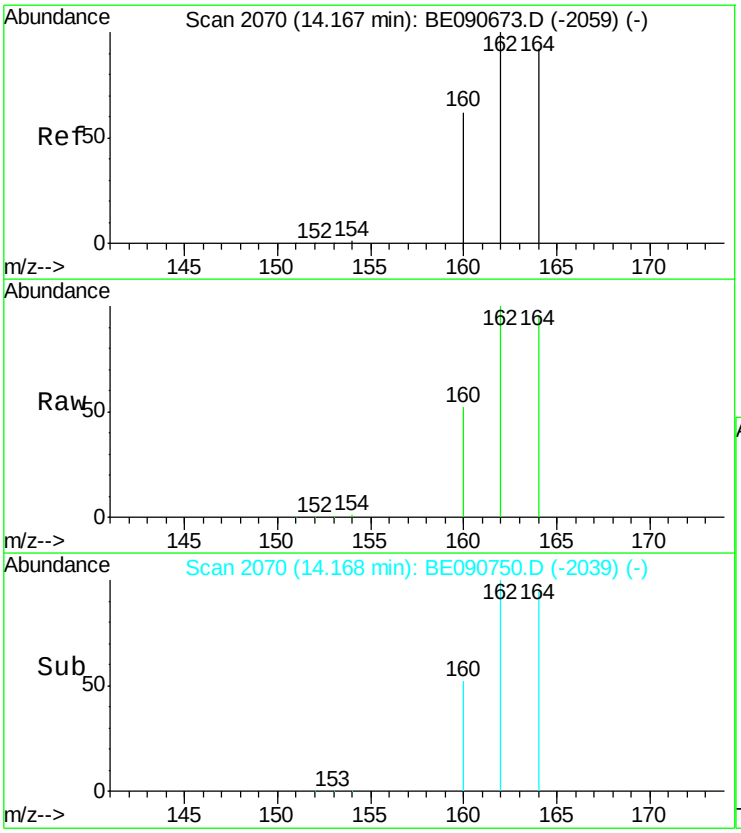
#11
2-Methylnaphthalene
Concen: 3.98 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:142 Resp: 86035

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.2
115	37.7	31.0	46.4

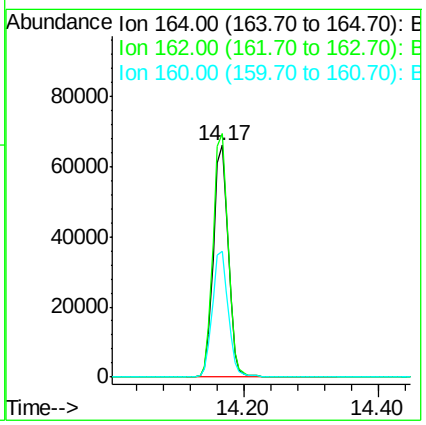


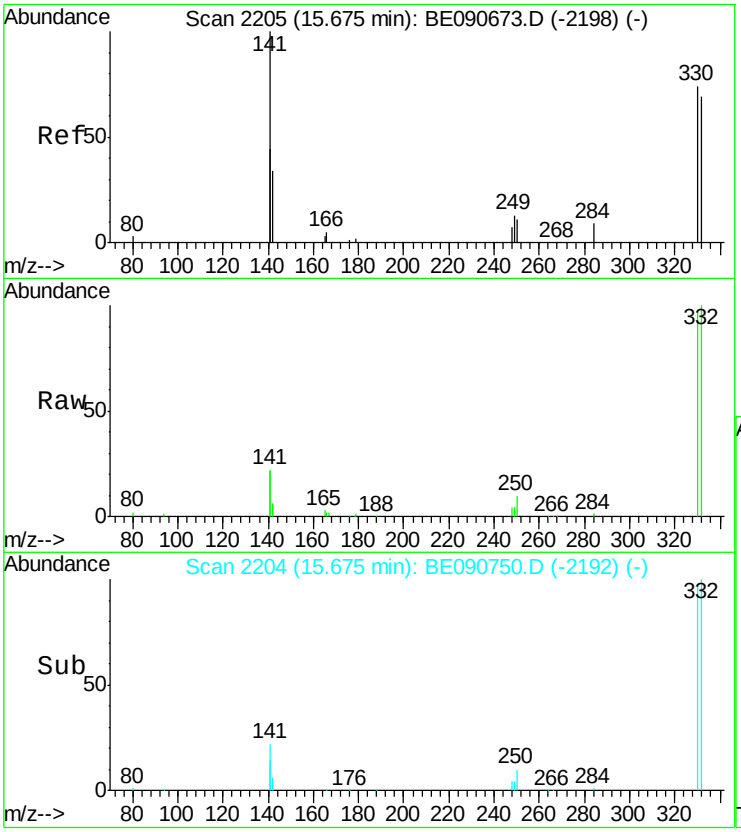


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:164 Resp: 100513

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.8	130.2
160	54.2	53.9	80.9



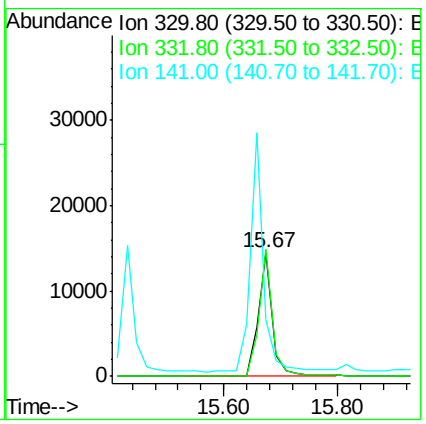


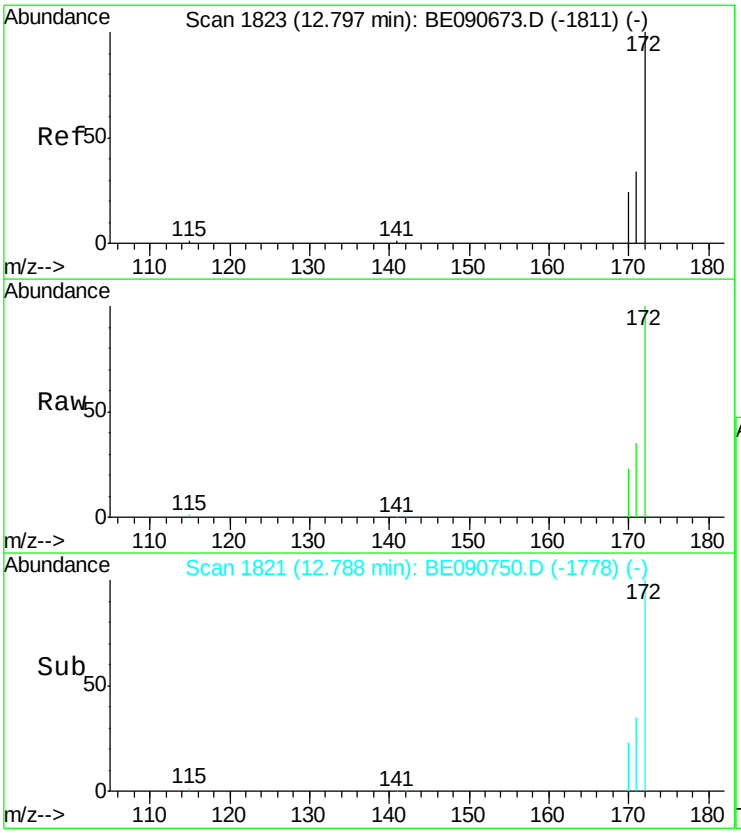
#13
2,4,6-Tribromophenol
Concen: 8.47 ng
RT: 15.67 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:330 Resp: 25029

Ion	Ratio	Lower	Upper
330	100		
332	99.1	74.9	112.3
141	178.5	145.2	217.8

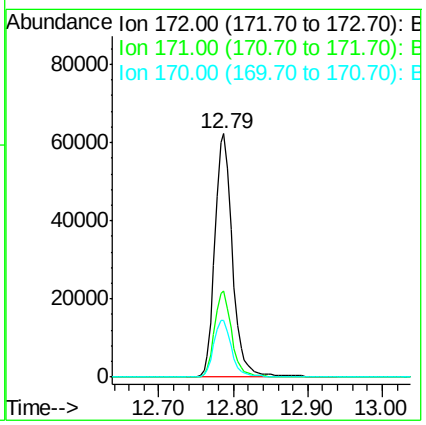


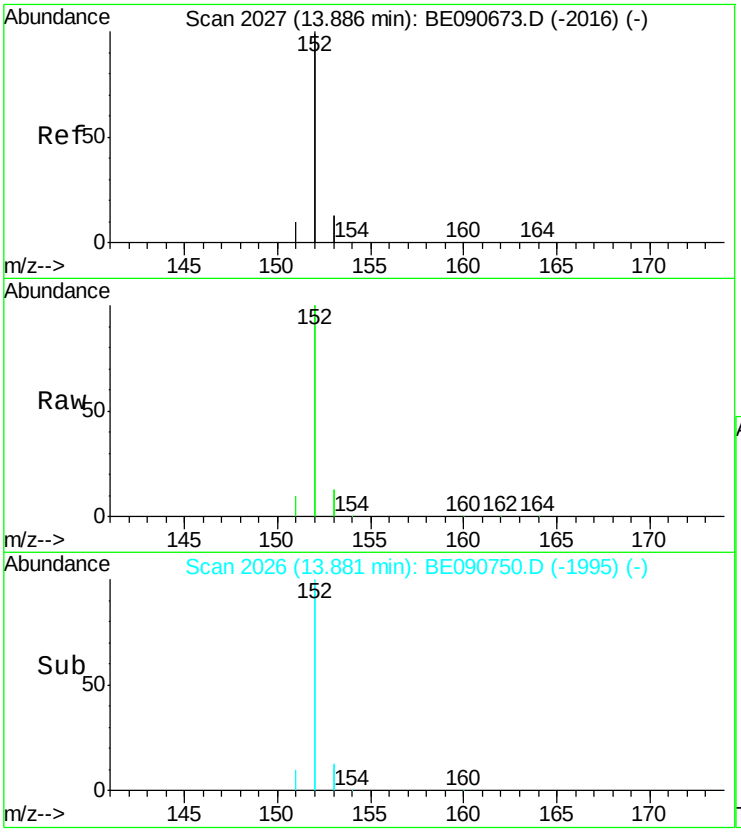


#14
2-Fluorobiphenyl
Concen: 3.65 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:172 Resp: 101554

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	23.5	19.8	29.6



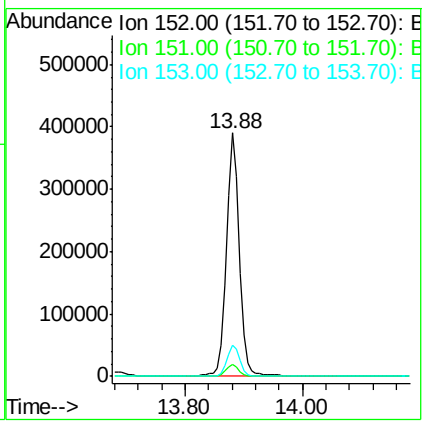


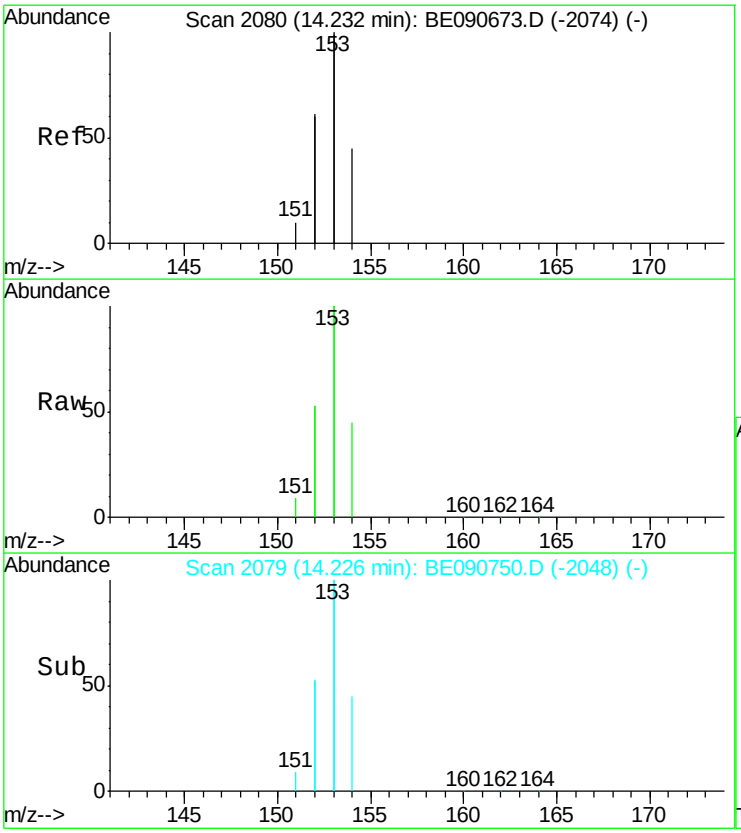
#15
Acenaphthylene
Concen: 3.67 ng
RT: 13.88 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:152 Resp: 590130

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.9	10.3	15.5

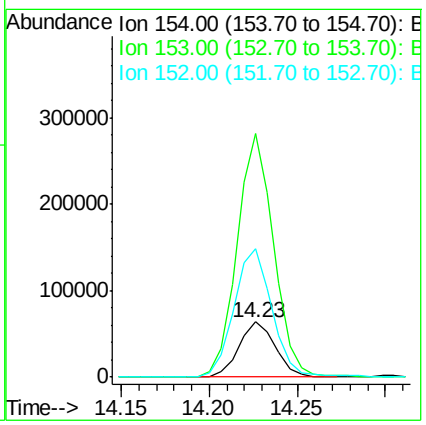


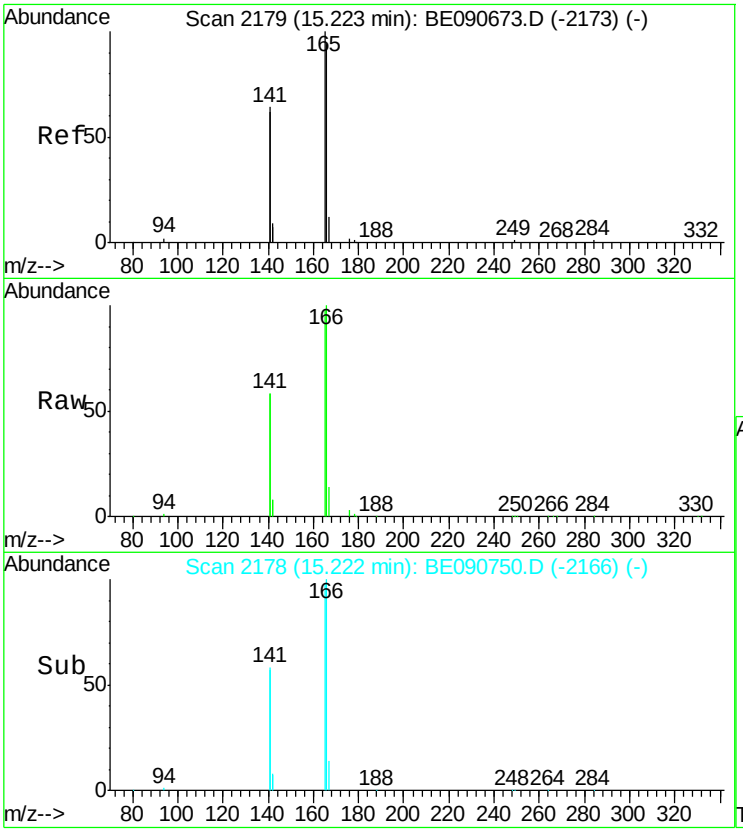


#16
Acenaphthene
Concen: 3.40 ng
RT: 14.23 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:154 Resp: 91303

Ion	Ratio	Lower	Upper
154	100		
153	442.1	354.5	531.7
152	241.4	227.8	341.6



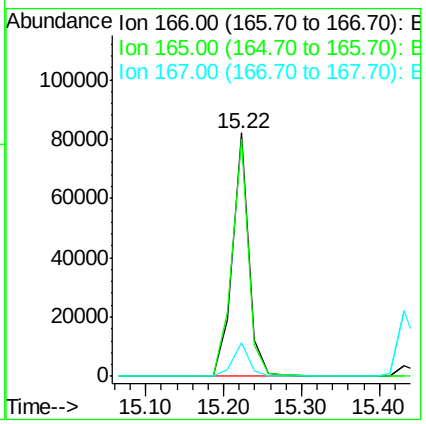


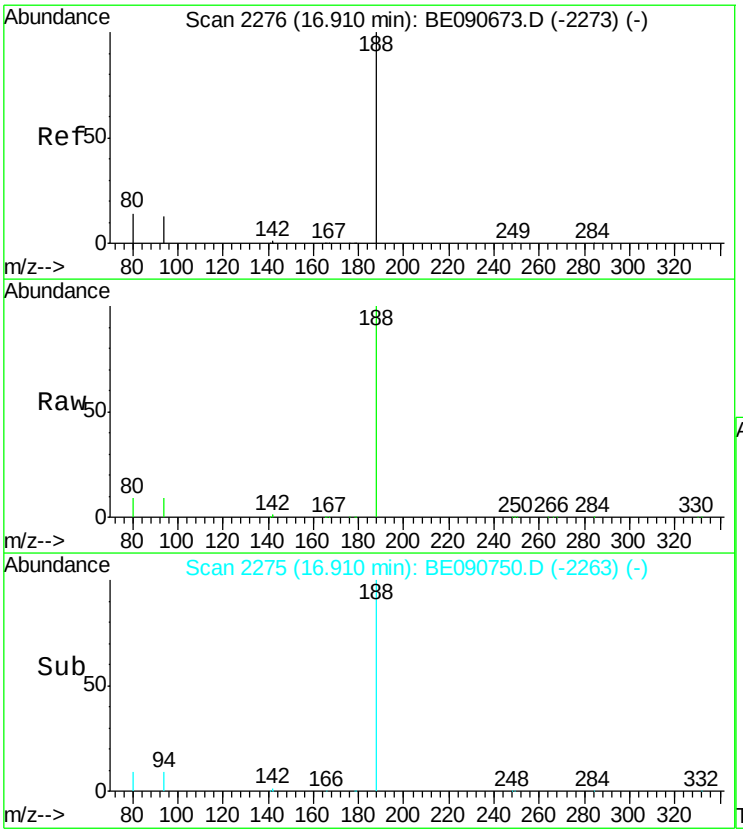
#17
Fluorene
Concen: 3.60 ng
RT: 15.22 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:166 Resp: 120583

Ion	Ratio	Lower	Upper
166	100		
165	99.5	82.7	124.1
167	13.7	10.7	16.1

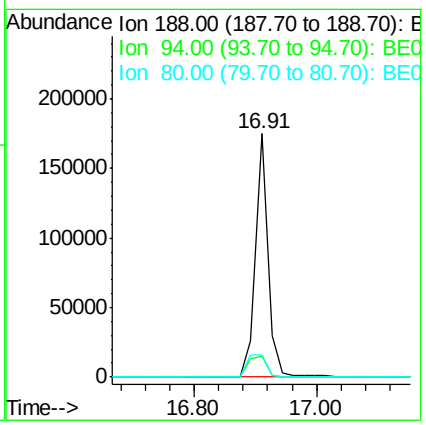


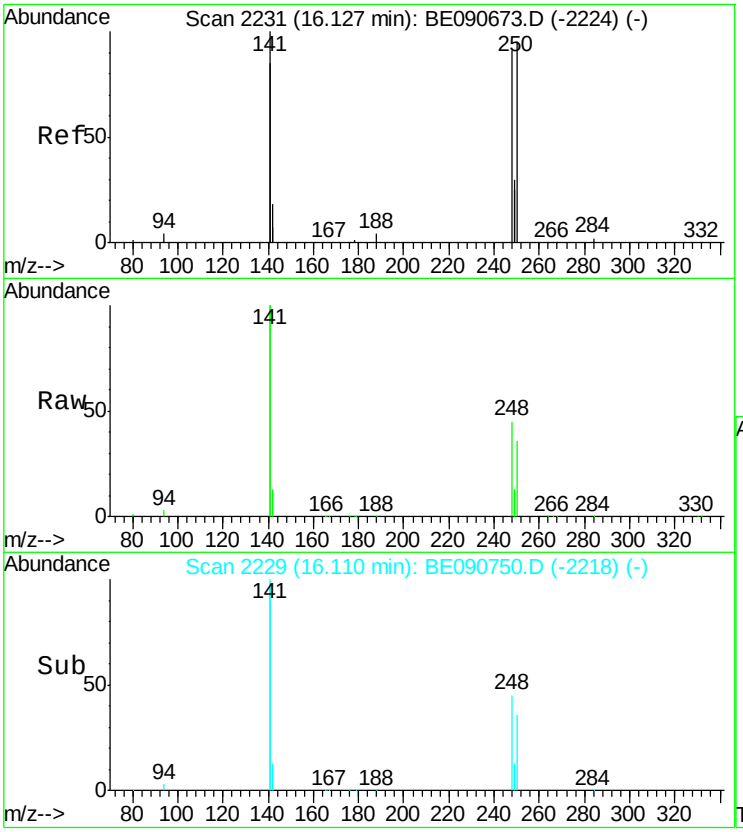


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:188 Resp: 247942

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.3	15.5#
80	8.9	11.0	16.6#



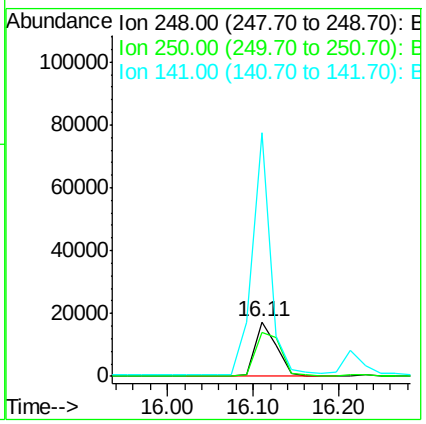


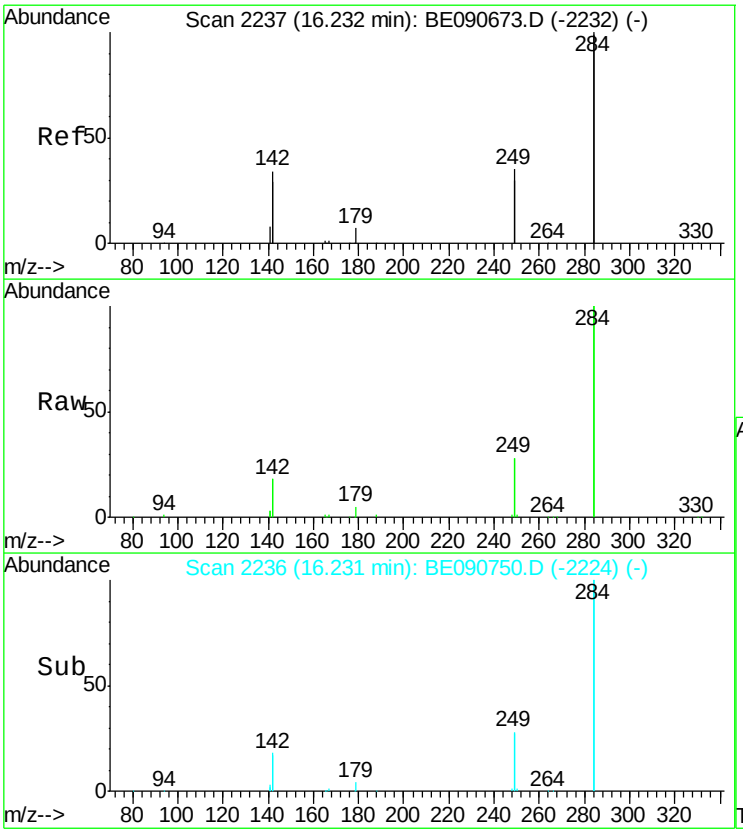
#19
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:248 Resp: 30560

Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.7	115.1
141	370.6	292.6	439.0

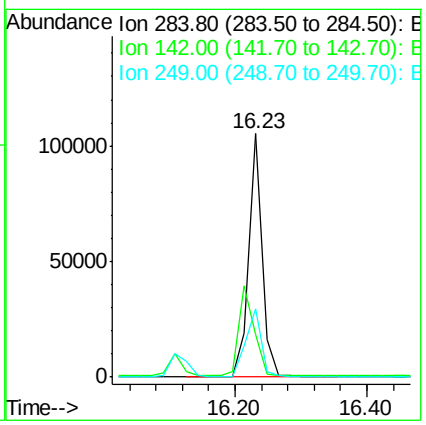


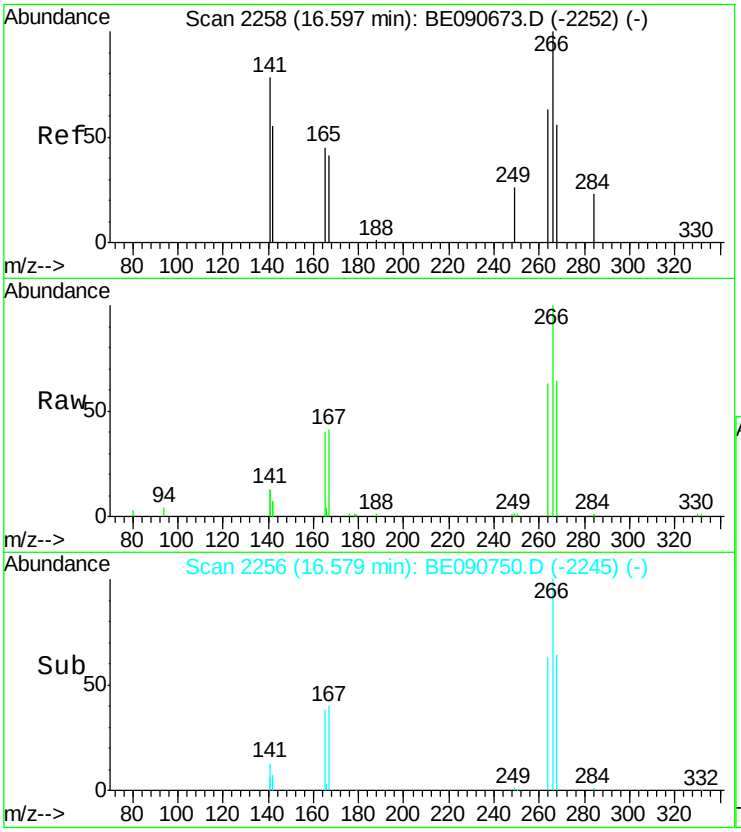


#20
Hexachlorobenzene
Concen: 3.64 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:284 Resp: 148013

Ion	Ratio	Lower	Upper
284	100		
142	42.6	35.0	52.4
249	31.6	25.5	38.3



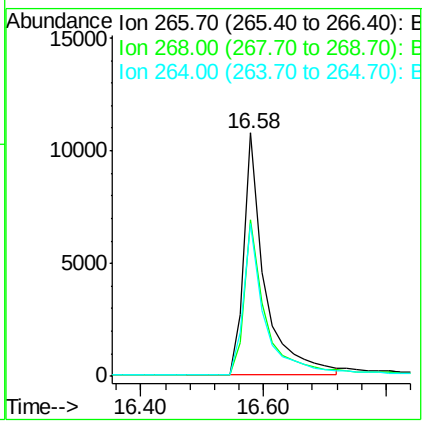


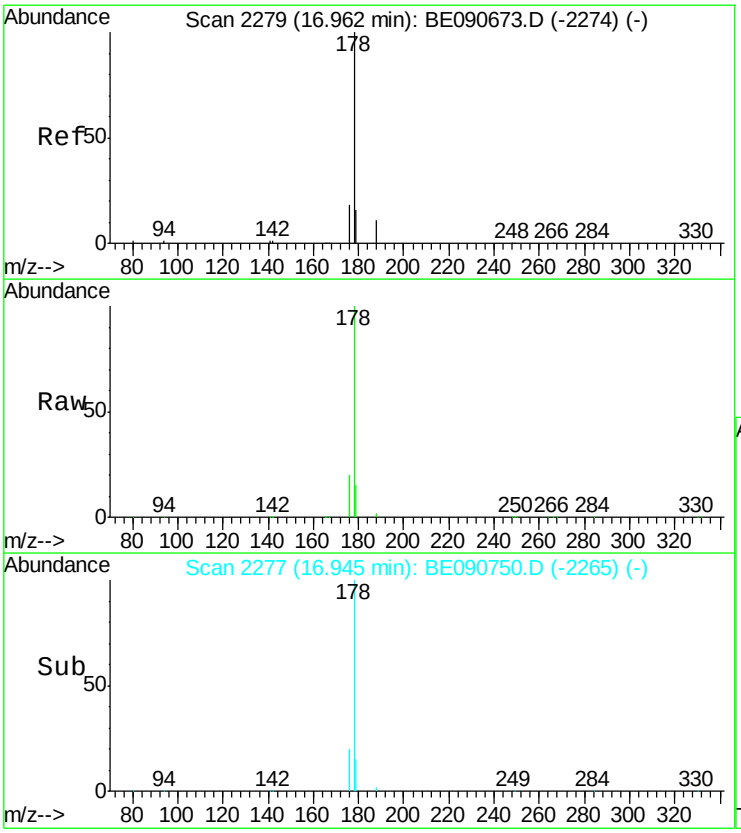
#21
Pentachlorophenol
Concen: 7.48 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:266 Resp: 25628

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.6	74.4
264	62.7	53.9	80.9

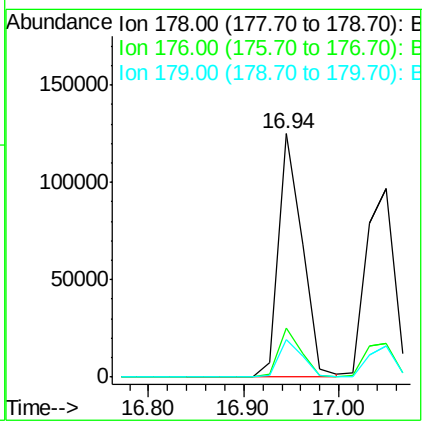


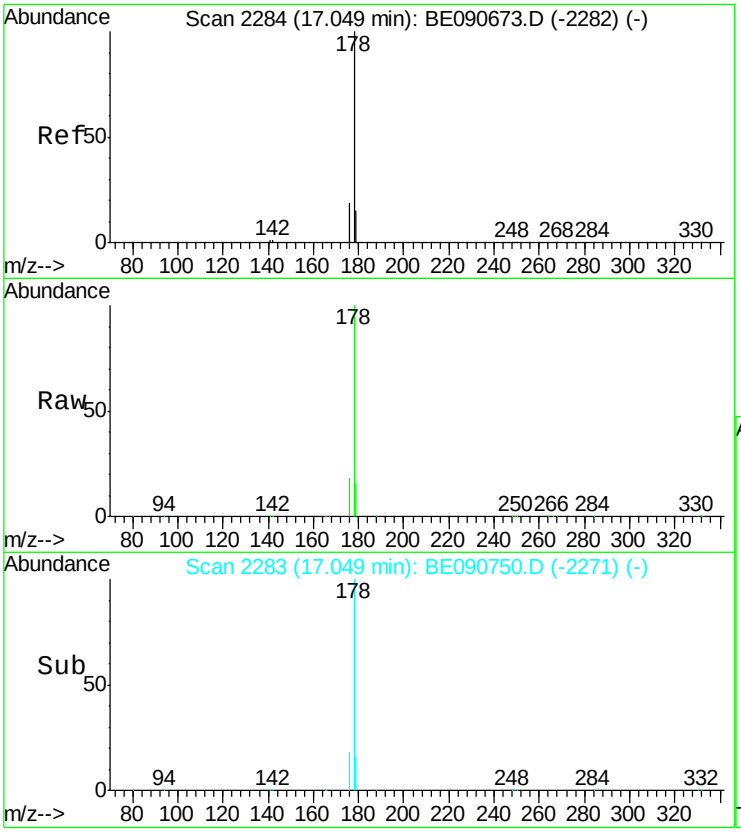


#22
Phenanthrene
Concen: 3.50 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:178 Resp: 215052

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.5	12.8	19.2



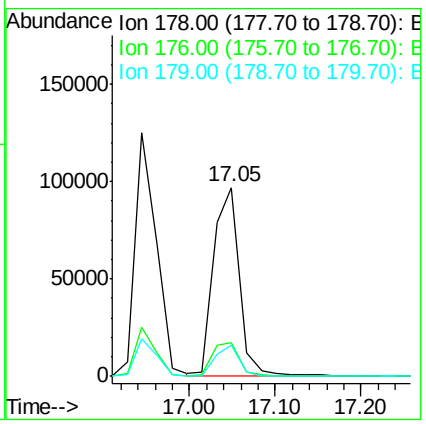


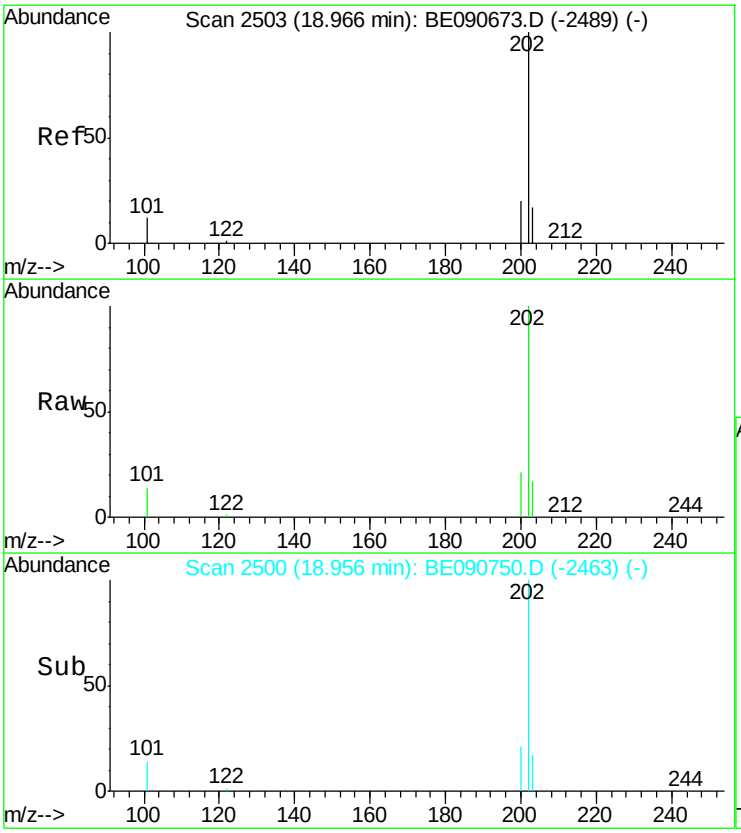
#23
Anthracene
Concen: 3.95 ng
RT: 17.05 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:178 Resp: 202616

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.3	18.5

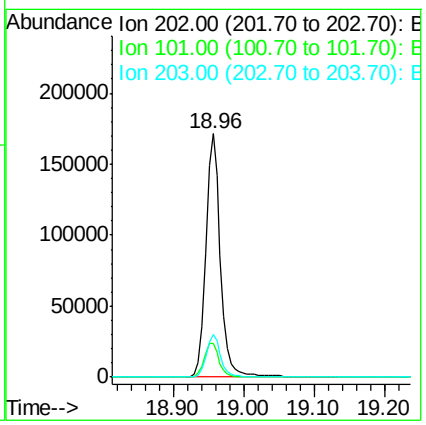


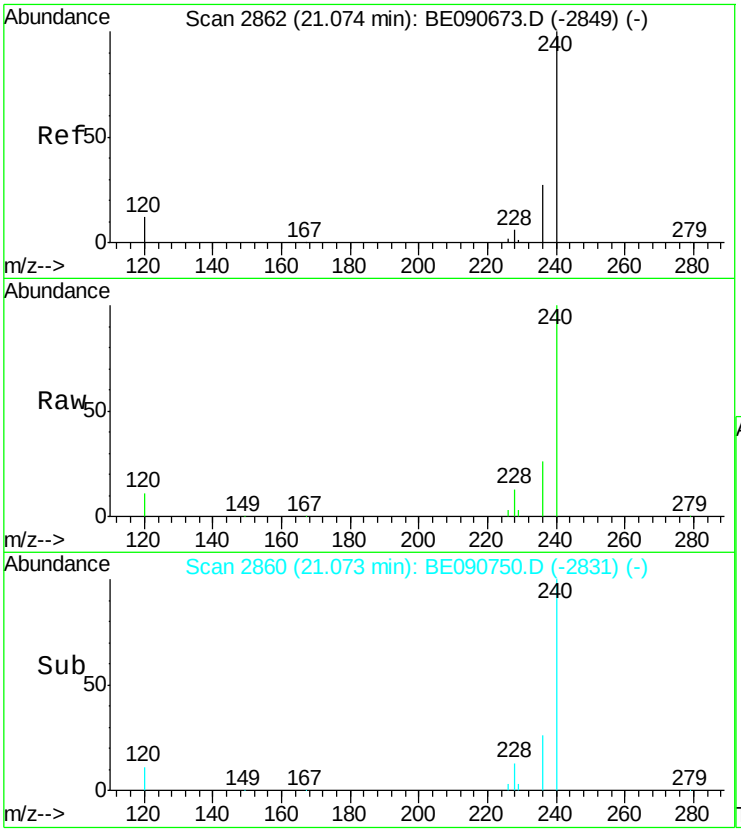


#24
Fluoranthene
Concen: 3.85 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:202 Resp: 248778

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
203	17.3	13.9	20.9



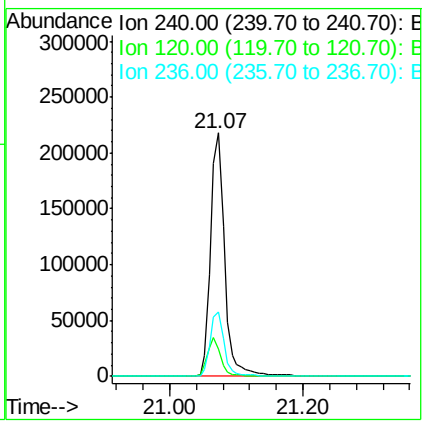


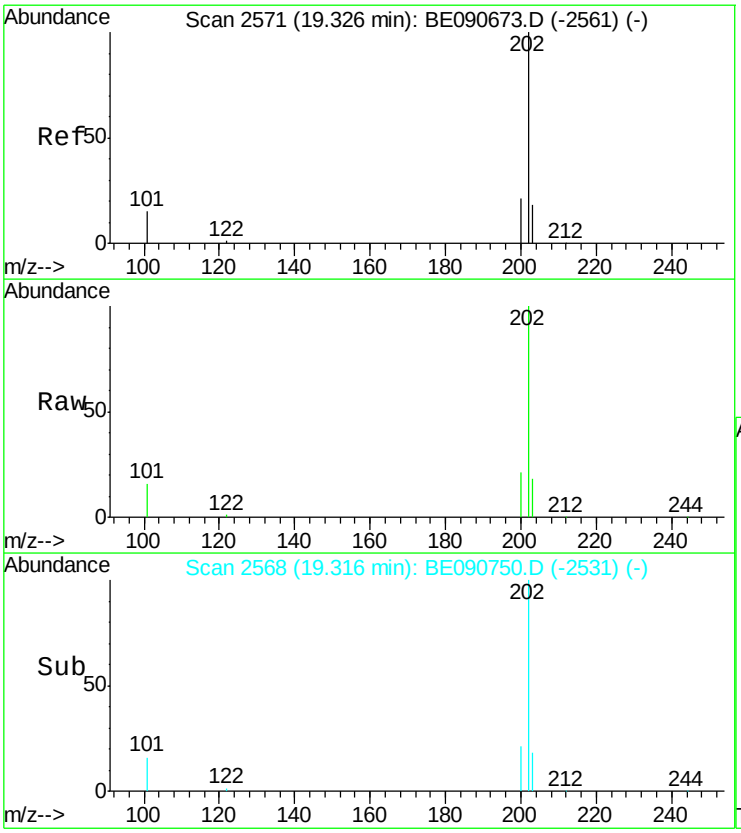
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:240 Resp: 313742

Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.1	15.1
236	26.4	21.9	32.9

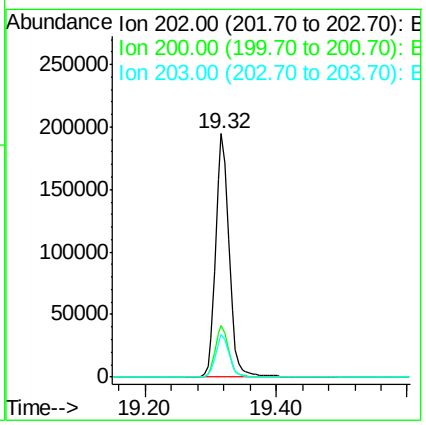


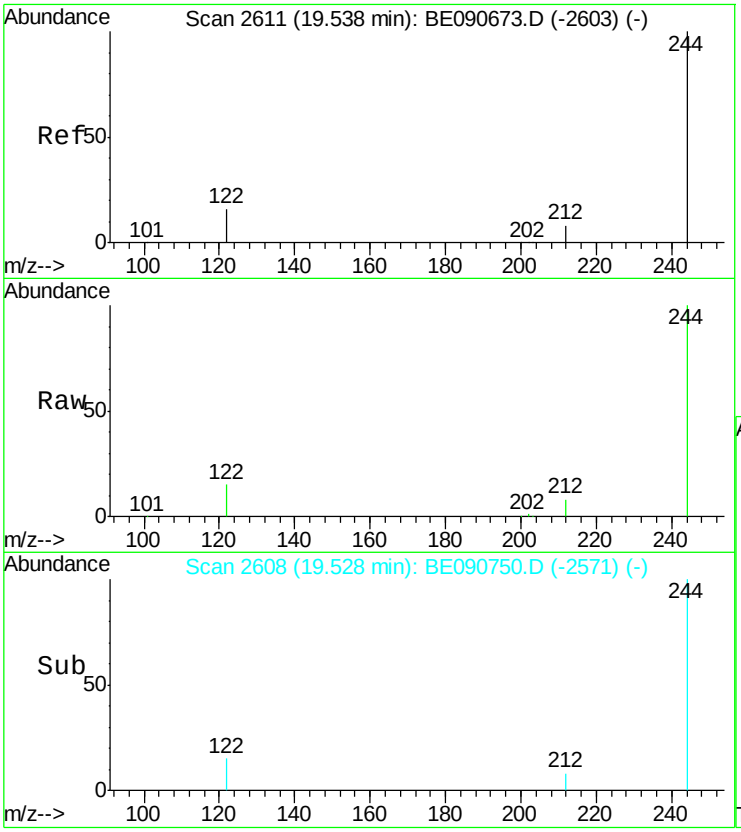


#26
Pyrene
Concen: 4.28 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:202 Resp: 277599

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	17.9	13.8	20.6



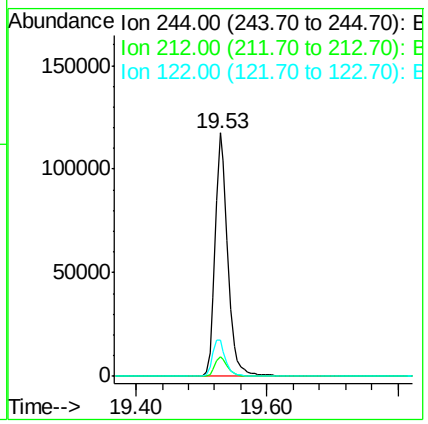


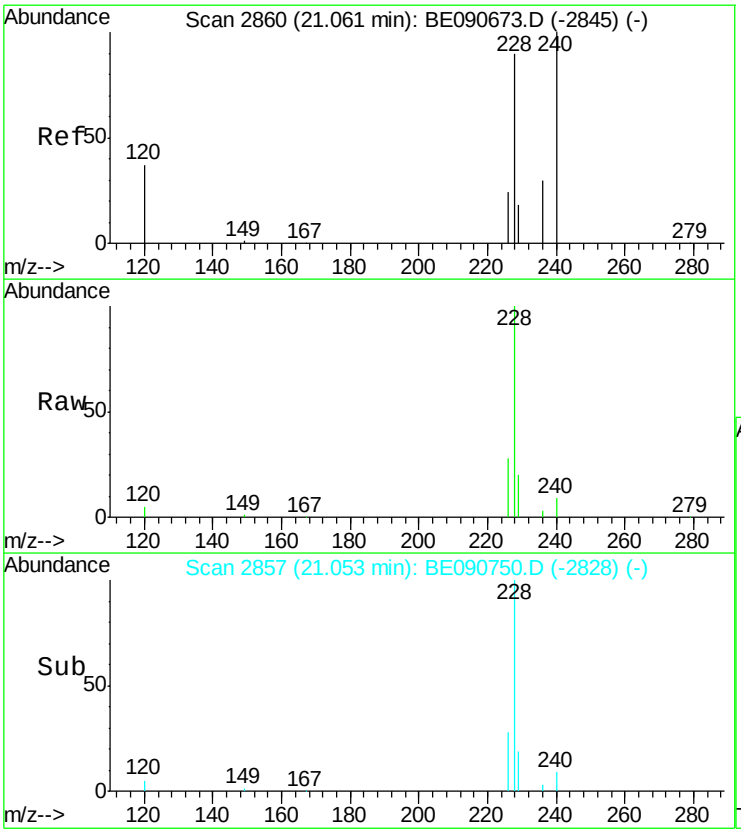
#27
Terphenyl-d14
Concen: 4.56 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:244 Resp: 158204

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	15.0	12.9	19.3

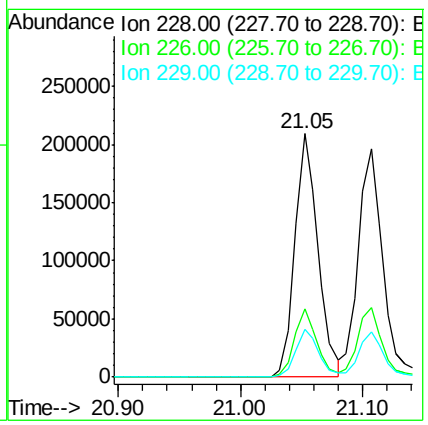


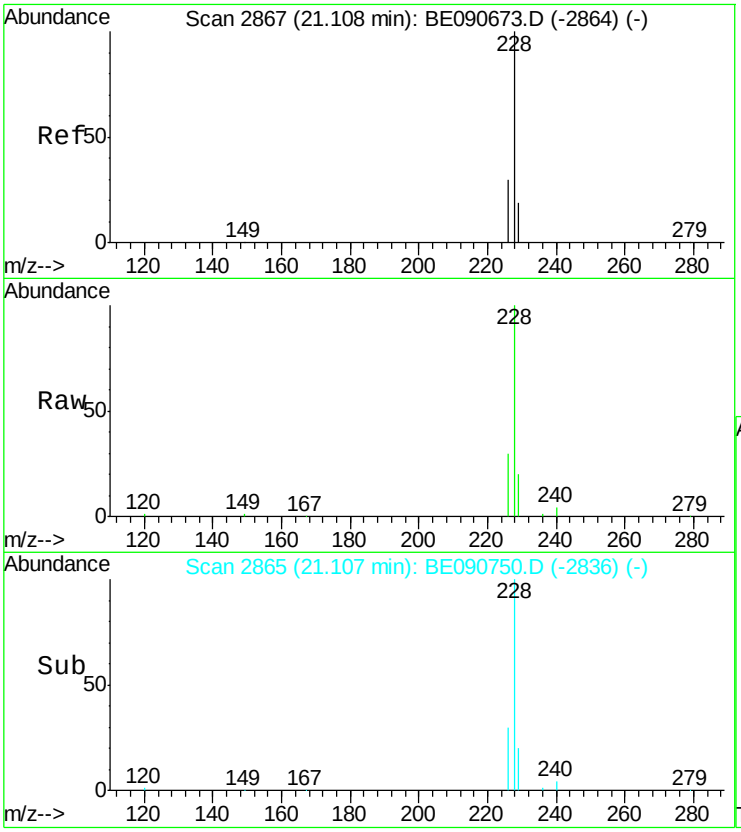


#28
Benzo(a)anthracene
Concen: 3.96 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:228 Resp: 272470

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.6	32.4
229	19.5	15.9	23.9



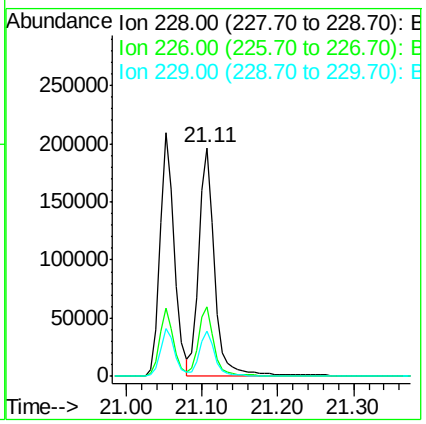


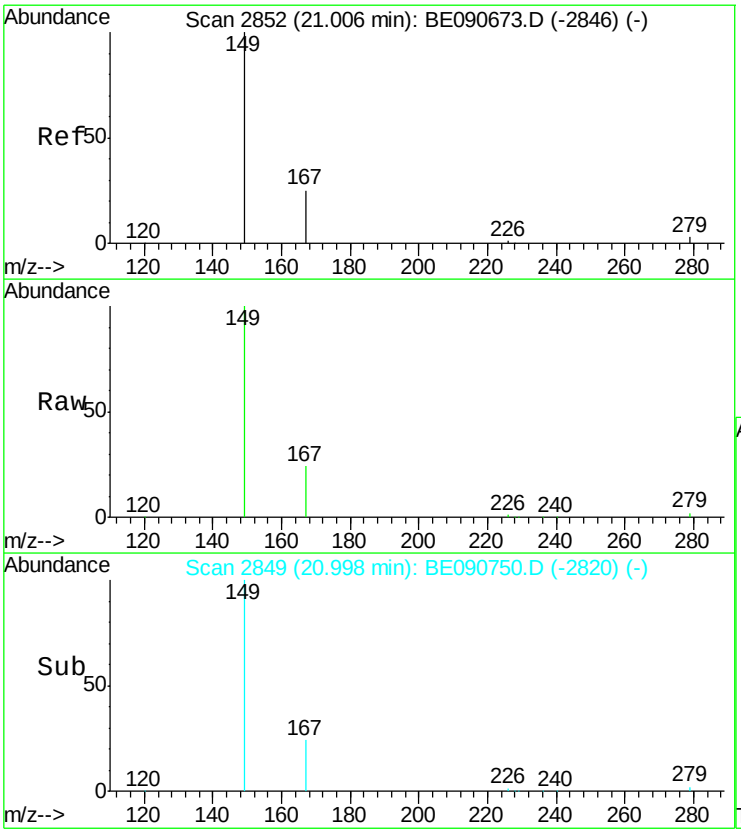
#29
Chrysene
Concen: 3.89 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:228 Resp: 282667

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	15.3	22.9

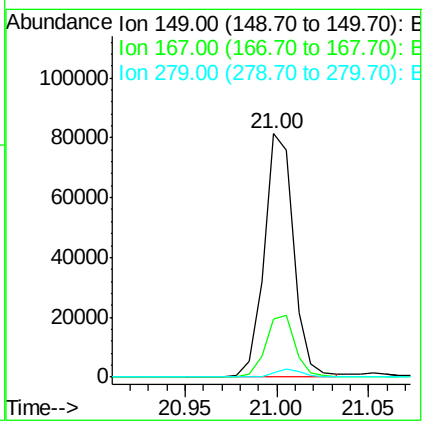


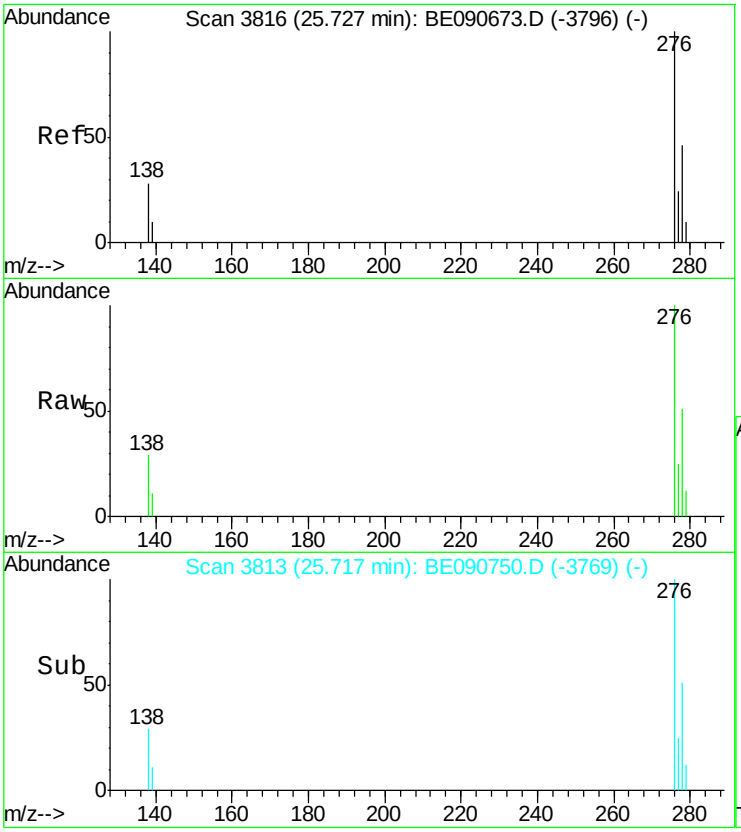


#30
Bis(2-ethylhexyl)phthalate
Concen: 4.01 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:149 Resp: 89962

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.1	30.1
279	3.0	2.3	3.5



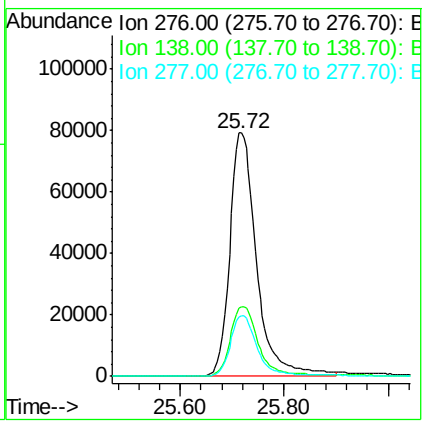


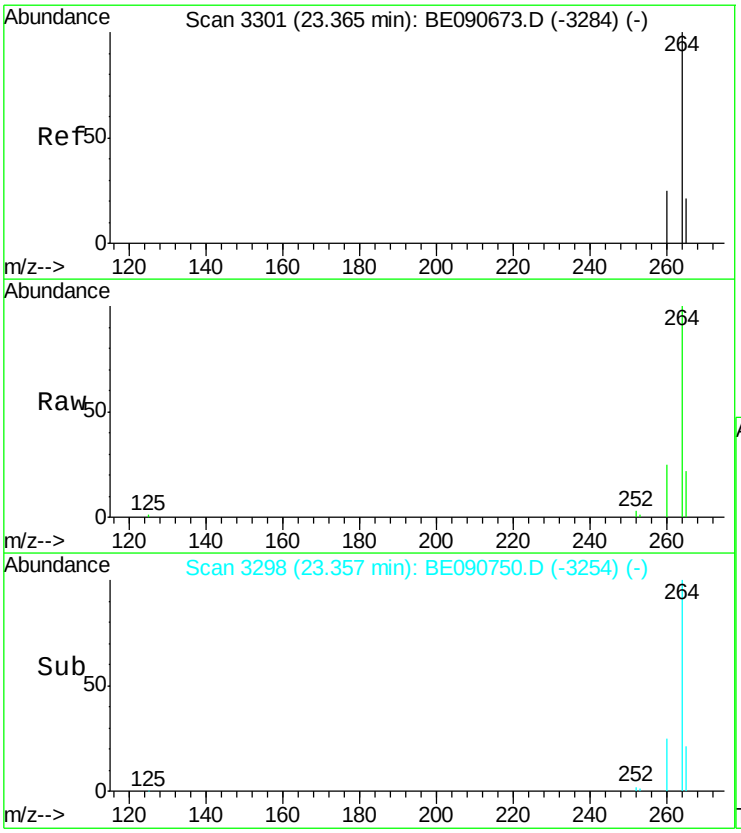
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.83 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:276 Resp: 283514

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.3	34.9
277	24.7	19.8	29.6

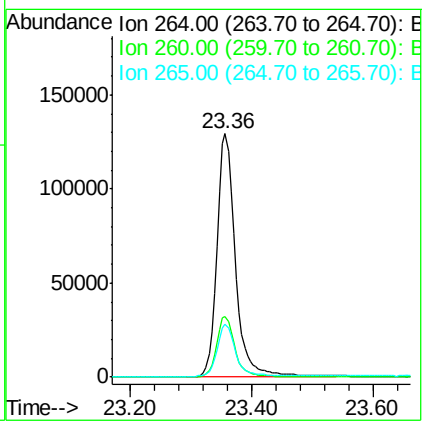


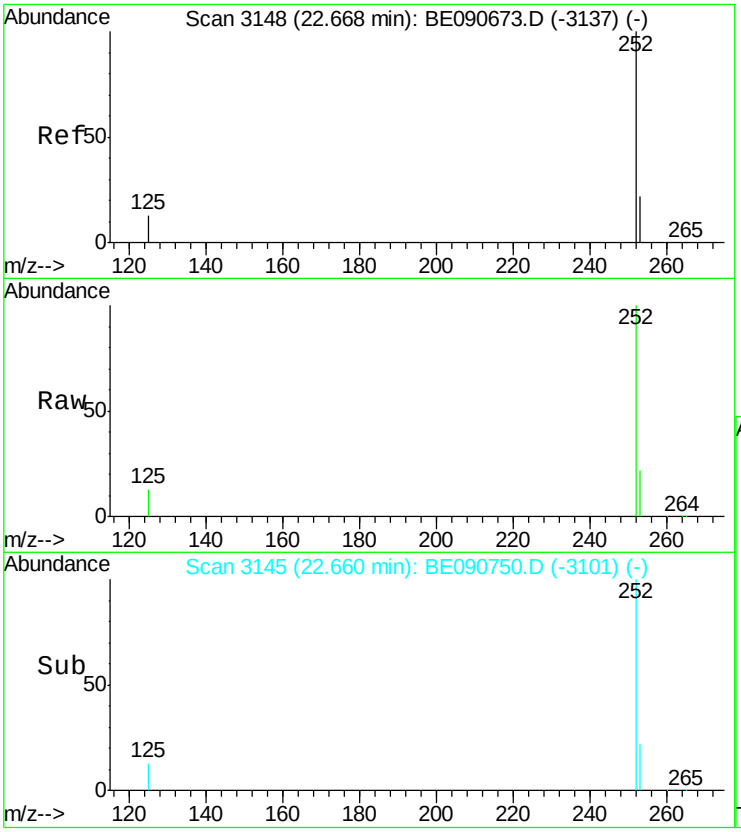


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:264 Resp: 274421

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.9	17.5	26.3



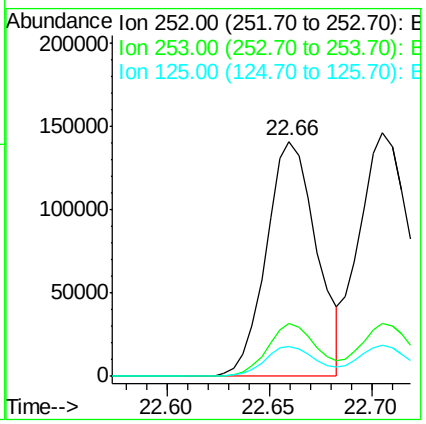


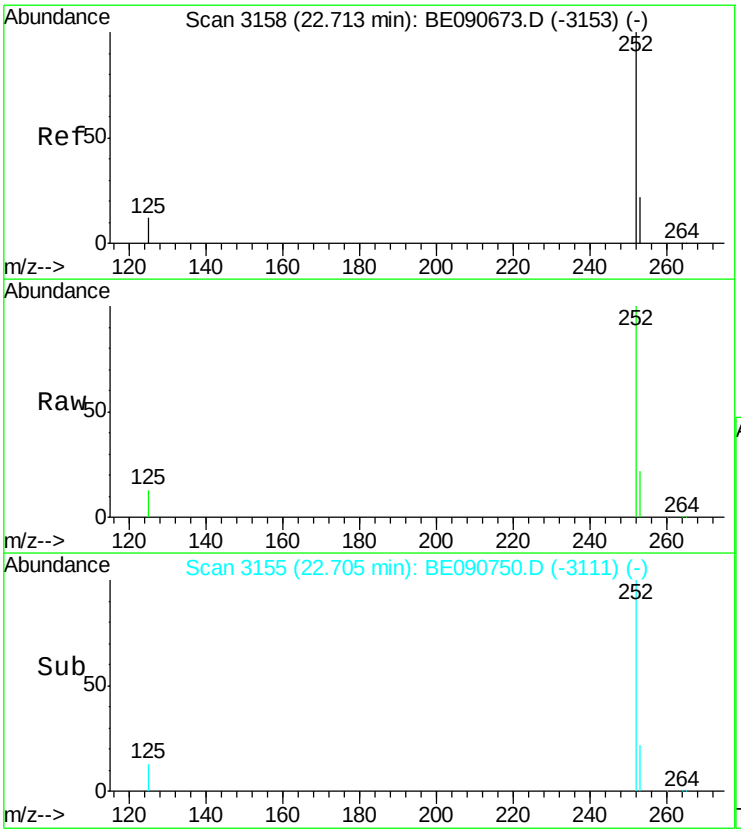
#33
Benzo(b)fluoranthene
Concen: 4.04 ng
RT: 22.66 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:252 Resp: 240523

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.7	10.6	16.0

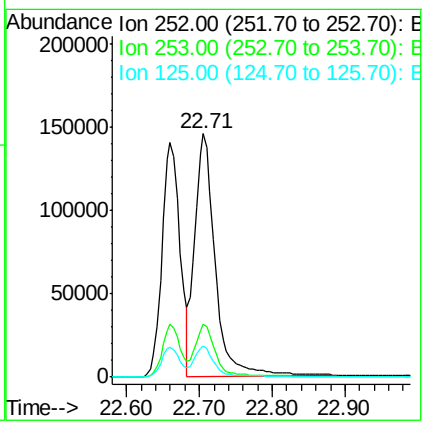


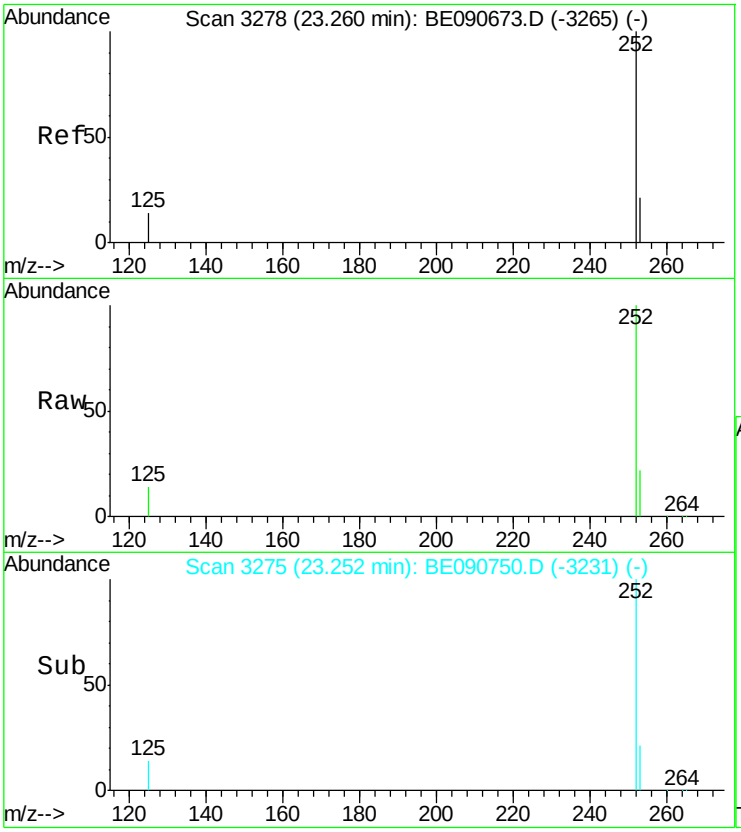


#34
Benzo(k)fluoranthene
Concen: 4.06 ng
RT: 22.71 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:252 Resp: 281602

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.7	10.1	15.1



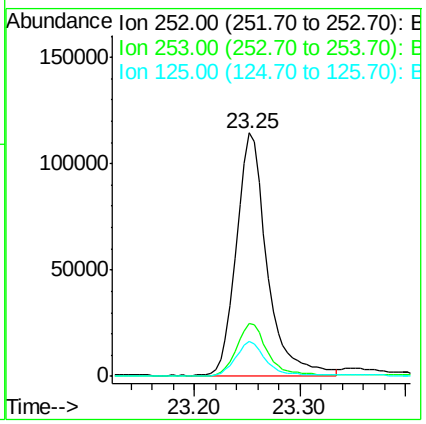


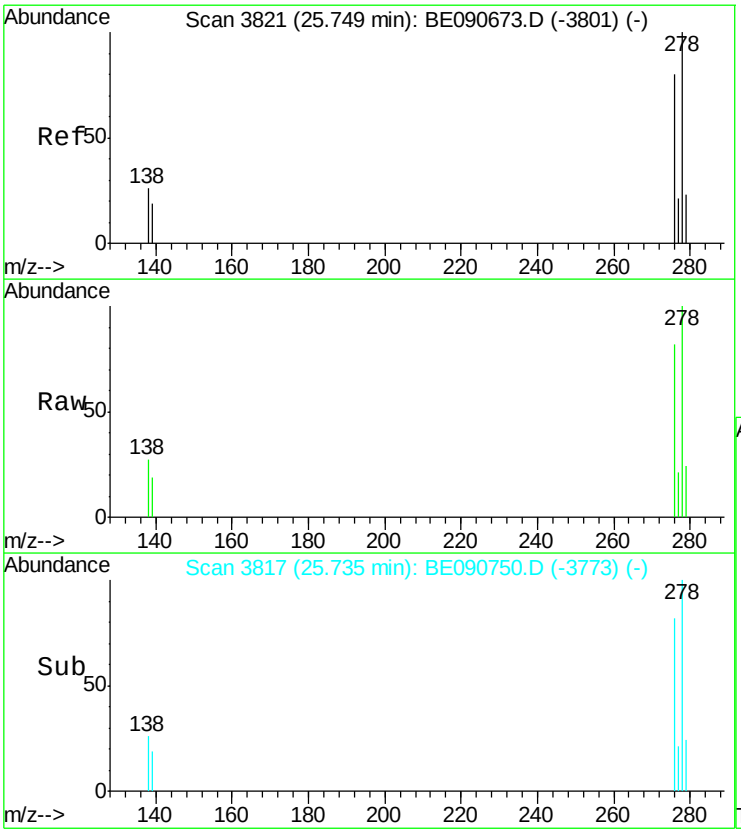
#35
Benzo(a)pyrene
Concen: 4.34 ng
RT: 23.25 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:252 Resp: 230884

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.4	11.6	17.4

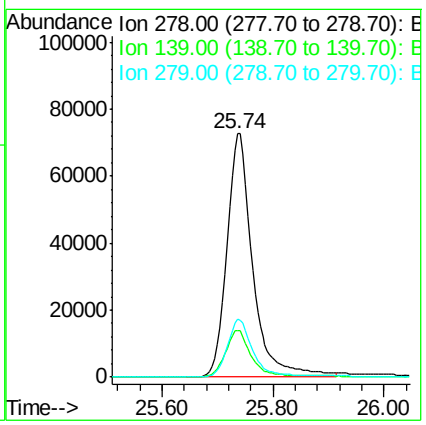


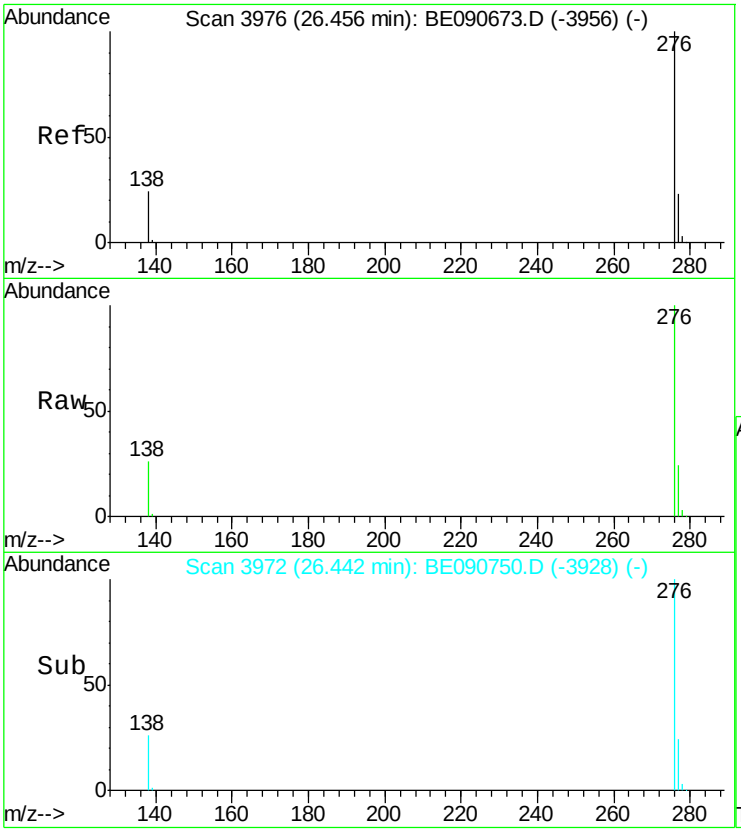


#36
Dibenzo(a,h)anthracene
Concen: 3.64 ng
RT: 25.74 min Scan# 3817
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Tgt Ion:278 Resp: 233579

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.4	23.0
279	24.1	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 3.99 ng
RT: 26.44 min Scan# 3972
Delta R.T. -0.00 min
Lab File: BE090750.D
Acq: 8 Sep 2015 16:13

Instrument :
BNA_E
ClientSampleId :
PB85439BSD

Tgt Ion:276 Resp: 244289

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	25.8	20.1	30.1