Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
Data File : BE090846.D
Acq On : 16 Sep 2015 16:24
Operator : UM/IZ
Sample : PB85578BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85578BSD

Quant Time: Sep 17 00:55:47 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 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	37356	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	169221	5.00	ng		0.00
12) Acenaphthene-d10	14.16	164	89426	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	201836	5.00	ng		0.00
25) Chrysene-d12	21.07	240	299193	5.00	ng		0.00
32) Perylene-d12	23.35	264	274749	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	47442	6.52	ng		0.00
5) Phenol-d6	6.74	99	73942	7.11	ng		-0.01
7) Nitrobenzene-d5	8.69	82	37536	3.36	ng		-0.02
13) 2,4,6-Tribromophenol	15.67	330	15102	5.80	ng		0.00
14) 2-Fluorobiphenyl	12.78	172	75688	3.06	ng		-0.01
27) Terphenyl-d14	19.53	244	118279	3.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	15593	3.15	ng		97
3) n-Nitrosodimethylamine	3.45	42	19617	2.93	ng	#	97
8) Nitrobenzene	8.73	77	40053	2.96	ng		99
9) Naphthalene	10.35	128	105535	2.86	ng		99
10) Hexachlorobutadiene	10.64	225	15810	2.74	ng		100
11) 2-Methylnaphthalene	11.97	142	64728	3.24	ng		100
15) Acenaphthylene	13.87	152	438480	3.07	ng		100
16) Acenaphthene	14.23	154	70134	2.94	ng		92
17) Fluorene	15.22	166	88625	2.98	ng		97
19) 4-Bromophenyl-phenylether	16.11	248	22861	3.32	ng		97
20) Hexachlorobenzene	16.23	284	114435	3.45	ng		98
21) Pentachlorophenol	16.58	266	16642	6.06	ng		95
22) Phenanthrene	16.94	178	163478	3.27	ng		99
23) Anthracene	17.03	178	153629	3.68	ng		100
24) Fluoranthene	18.95	202	185549	3.52	ng		99
26) Pyrene	19.32	202	215106	3.47	ng		99
28) Benzo(a)anthracene	21.05	228	226599	3.45	ng		99
29) Chrysene	21.10	228	229398	3.30	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	58010	2.90	ng		99
31) Indeno(1,2,3-cd)pyrene	25.71	276	241598	3.42	ng		98
33) Benzo(b)fluoranthene	22.66	252	208278	3.50	ng		99
34) Benzo(k)fluoranthene	22.70	252	235012	3.39	ng		100
35) Benzo(a)pyrene	23.25	252	195479	3.67	ng		99
36) Dibenzo(a,h)anthracene	25.73	278	198689	3.11	ng		99
37) Benzo(g,h,i)perylene	26.43	276	204882	3.34	ng		99

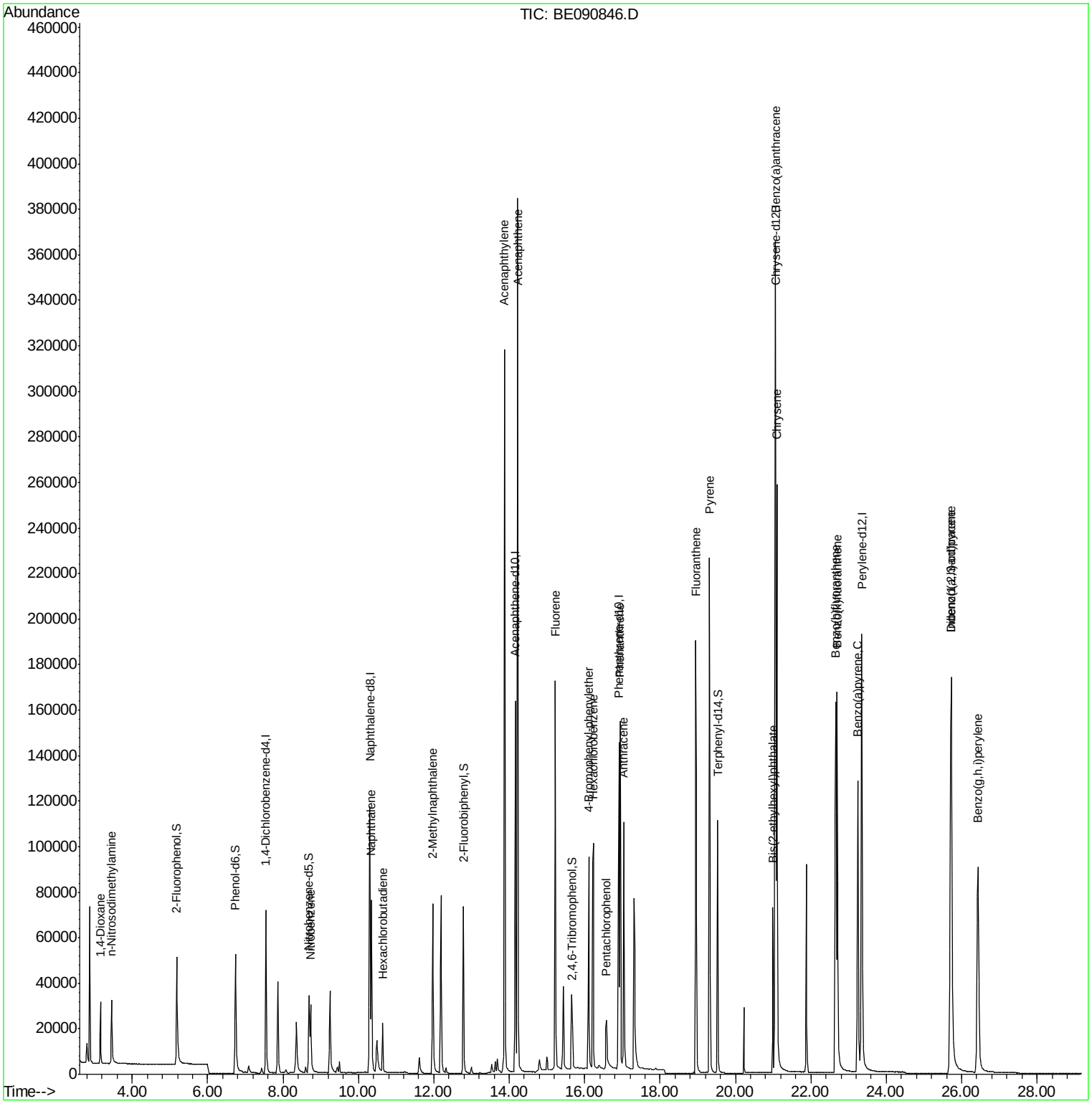
(#) = qualifier out of range (m) = manual integration (+) = signals summed

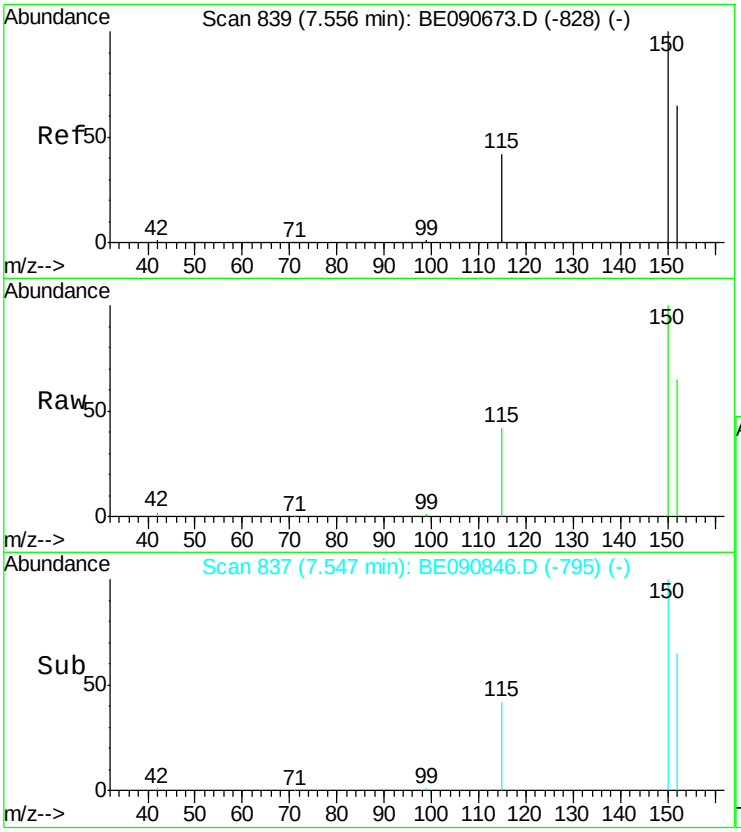
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
Data File : BE090846.D
Acq On : 16 Sep 2015 16:24
Operator : UM/IZ
Sample : PB85578BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Quant Time: Sep 17 00:55:47 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 11:40:50 2015
Response via : Initial Calibration



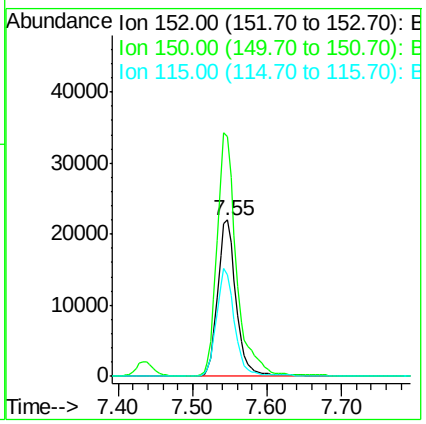


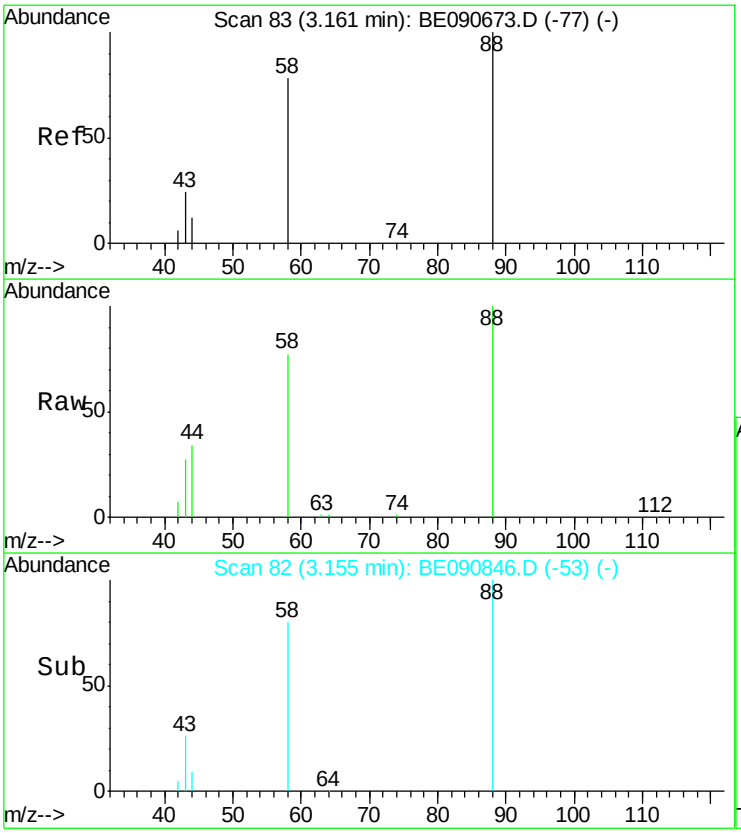
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:152 Resp: 37356

Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.2	183.4
115	65.0	51.0	76.4

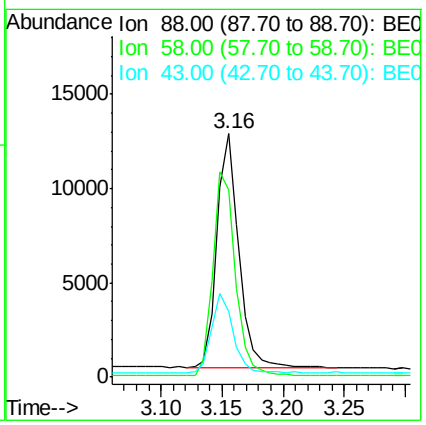


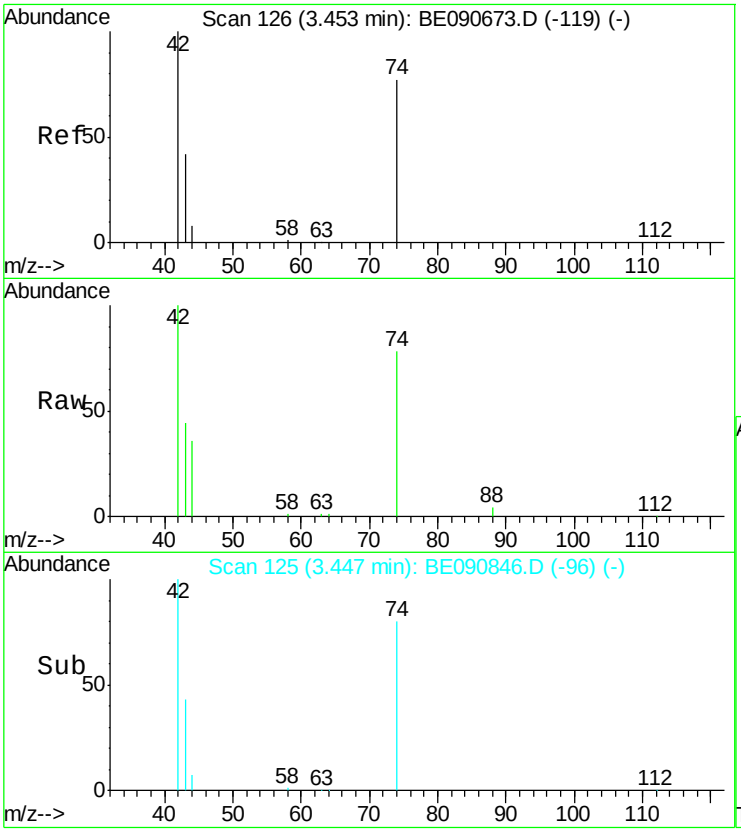


#2
1,4-Dioxane
Concen: 3.15 ng
RT: 3.16 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion: 88 Resp: 15593

Ion	Ratio	Lower	Upper
88	100		
58	89.5	68.4	102.6
43	33.9	26.9	40.3



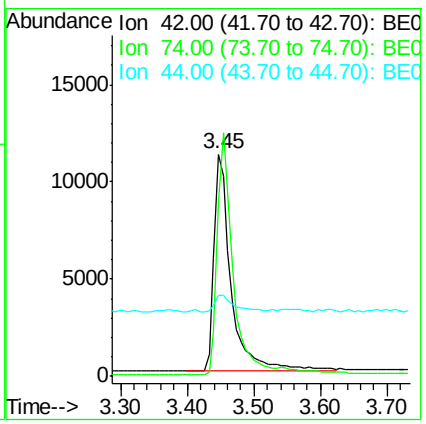


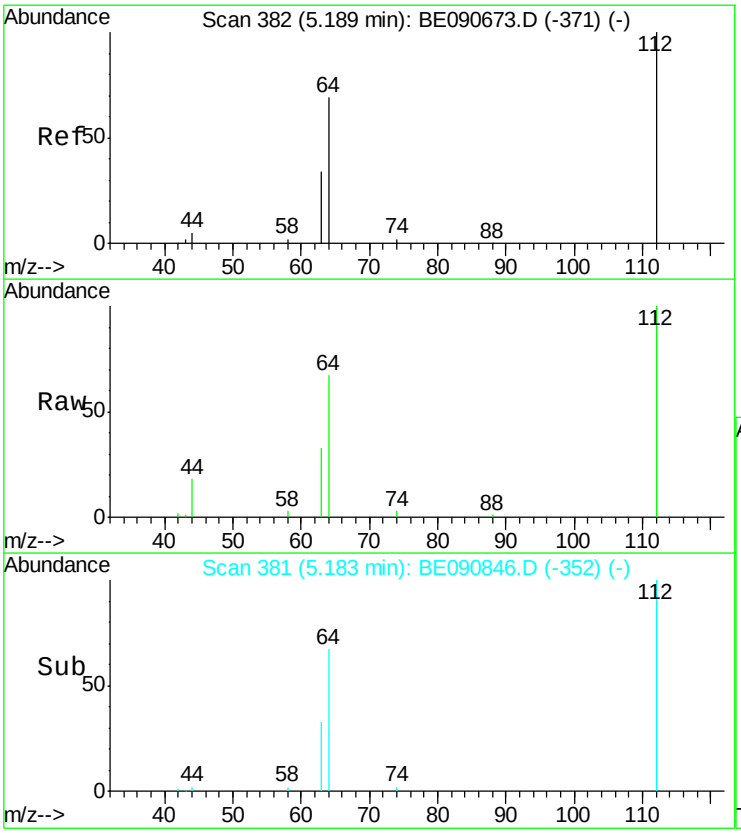
#3
n-Nitrosodimethylamine
Concen: 2.93 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion: 42 Resp: 19617

Ion	Ratio	Lower	Upper
42	100		
74	106.5	83.7	125.5
44	8.5	10.0	15.0#

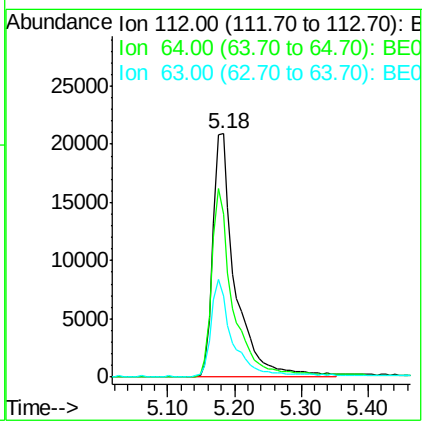


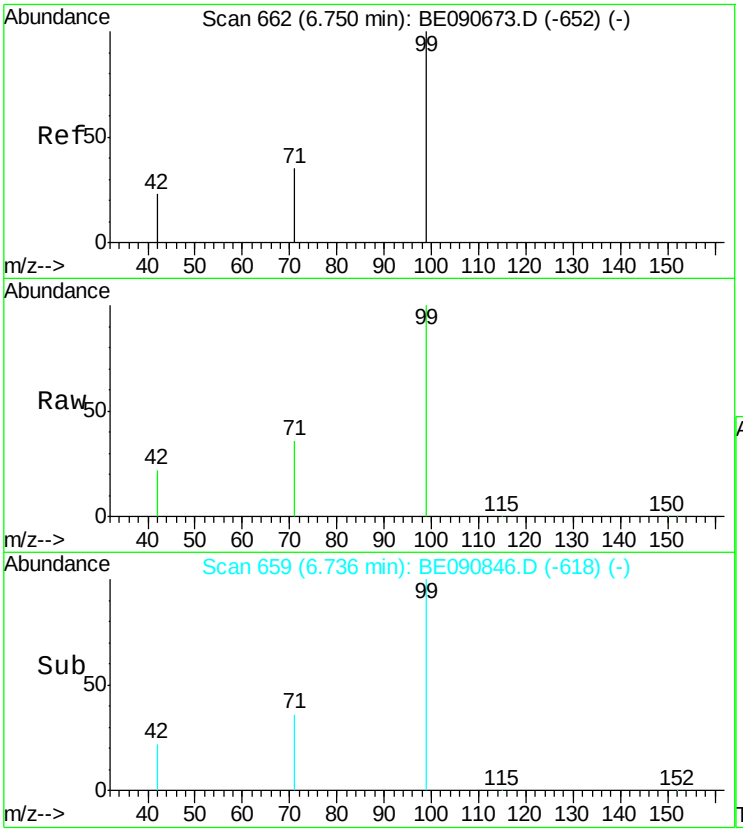


#4
2-Fluorophenol
Concen: 6.52 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:112 Resp: 47442

Ion	Ratio	Lower	Upper
112	100		
64	73.3	57.3	85.9
63	37.8	29.2	43.8



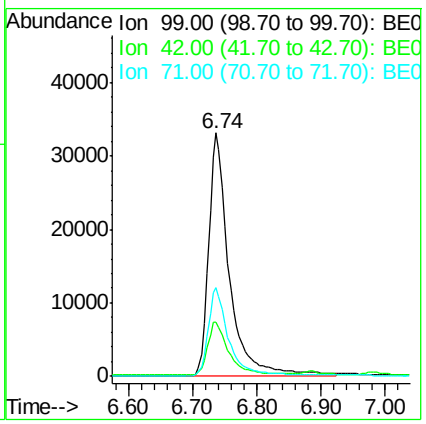


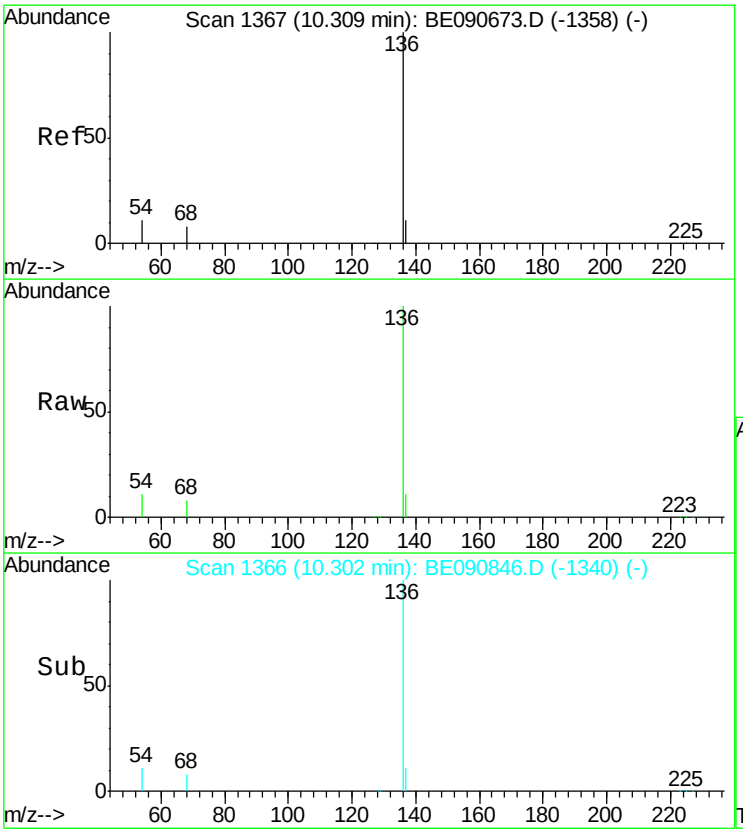
#5
Phenol-d6
Concen: 7.11 ng
RT: 6.74 min Scan# 659
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion: 99 Resp: 73942

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	36.3	28.3	42.5

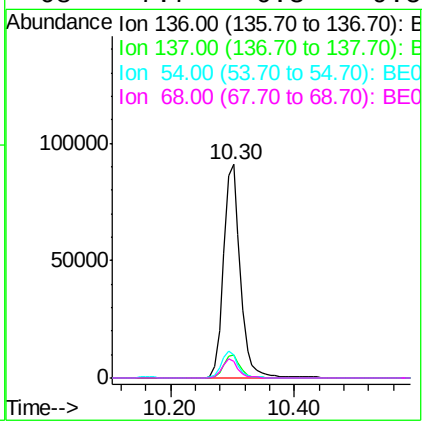


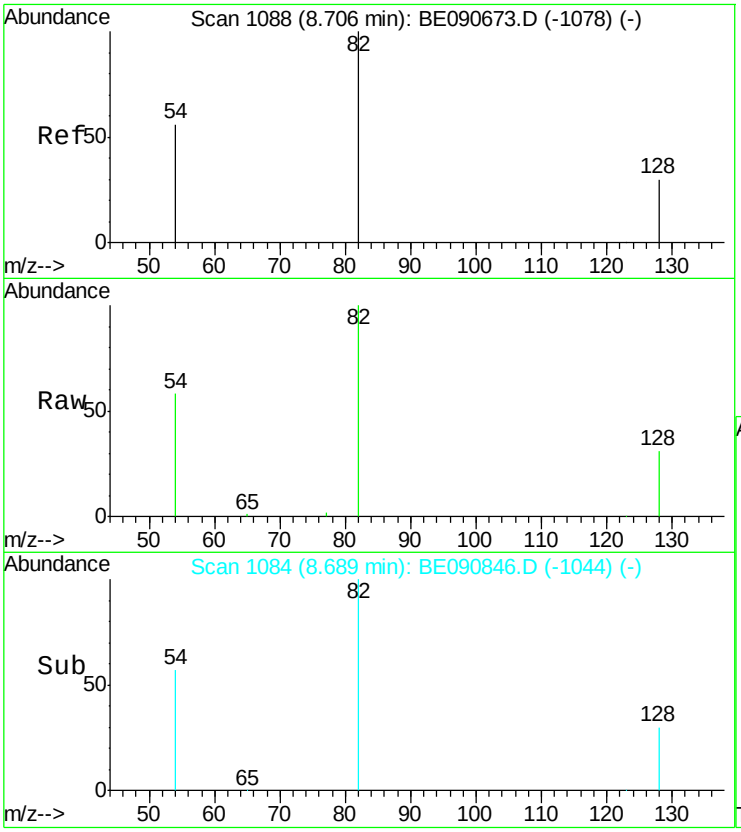


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:136 Resp: 169221

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.6	9.0	13.6
68	7.7	6.3	9.5



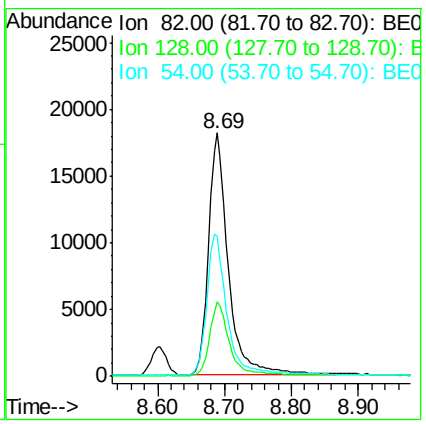


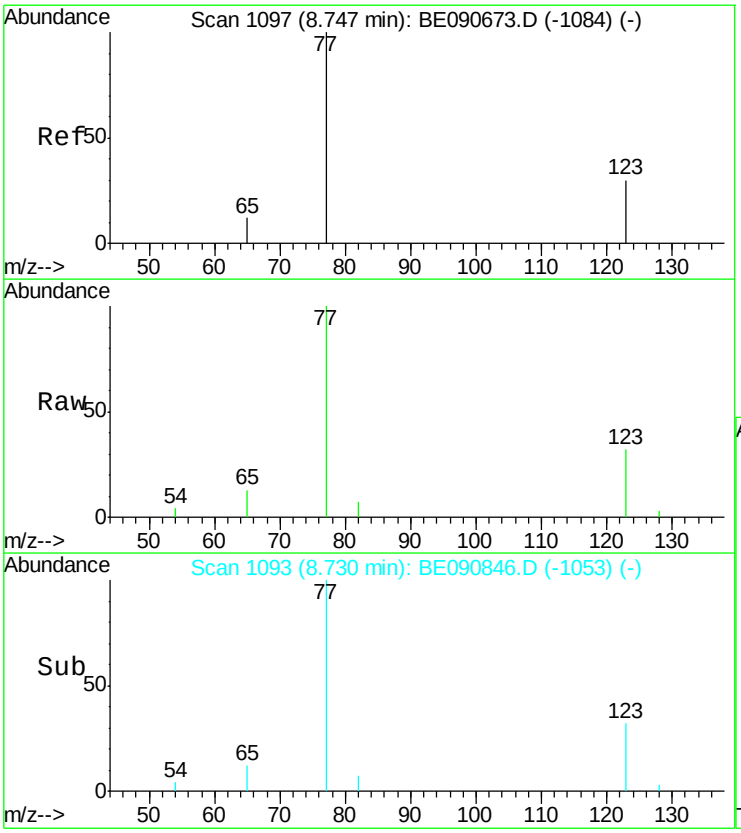
#7
Nitrobenzene-d5
Concen: 3.36 ng
RT: 8.69 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion: 82 Resp: 37536

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.0	37.4
54	57.5	46.3	69.5

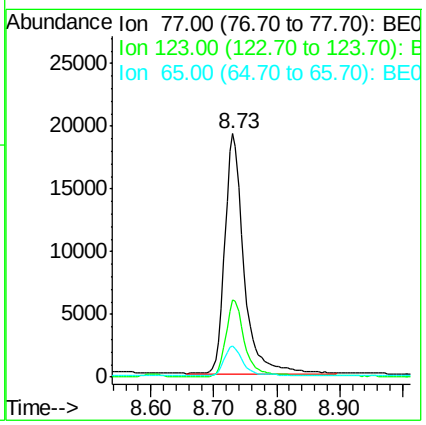


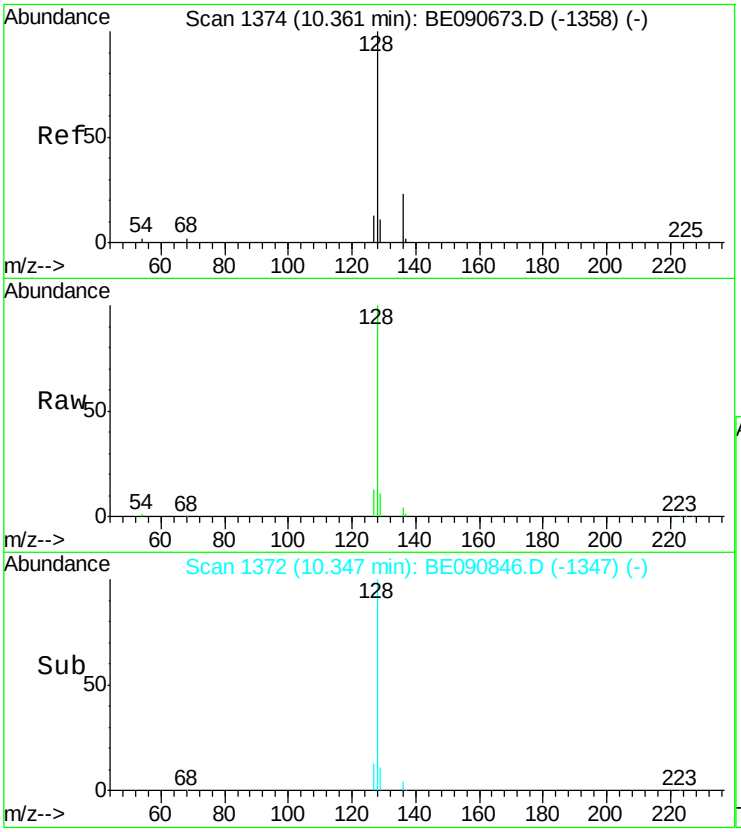


#8
Nitrobenzene
Concen: 2.96 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion: 77 Resp: 40053

Ion	Ratio	Lower	Upper
77	100		
123	32.0	25.1	37.7
65	12.3	9.9	14.9



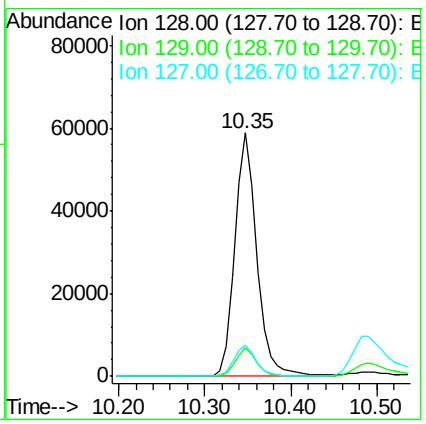


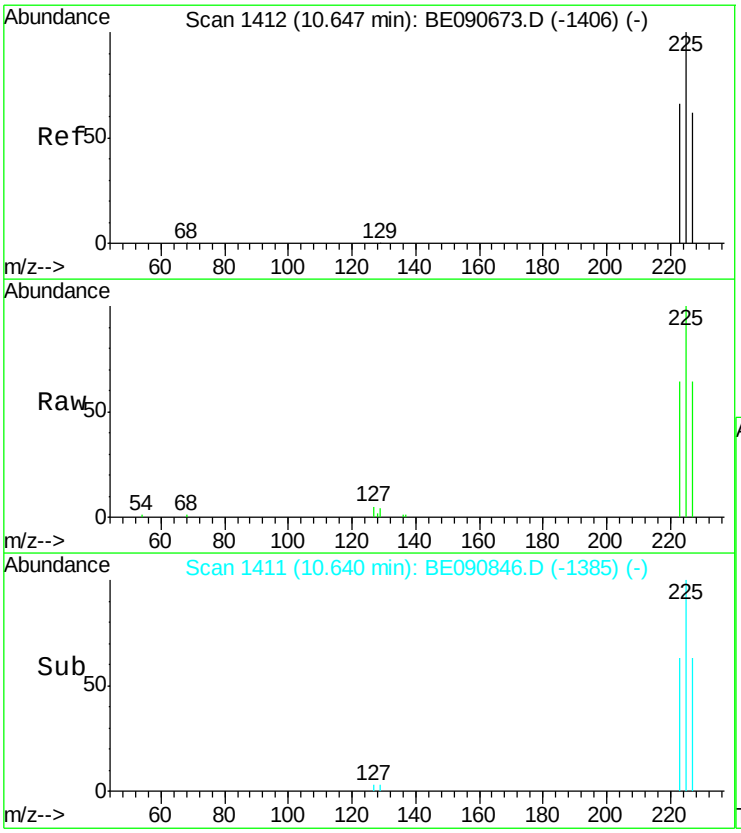
#9
Naphthalene
Concen: 2.86 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:128 Resp: 105535

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	12.9	10.6	15.8

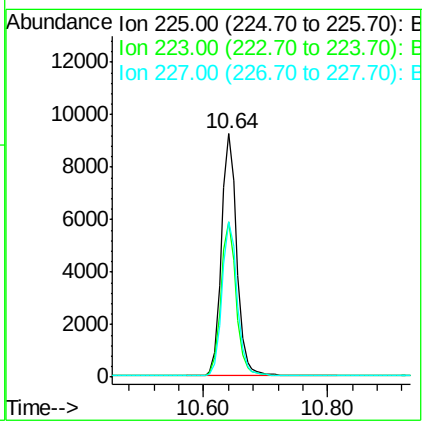


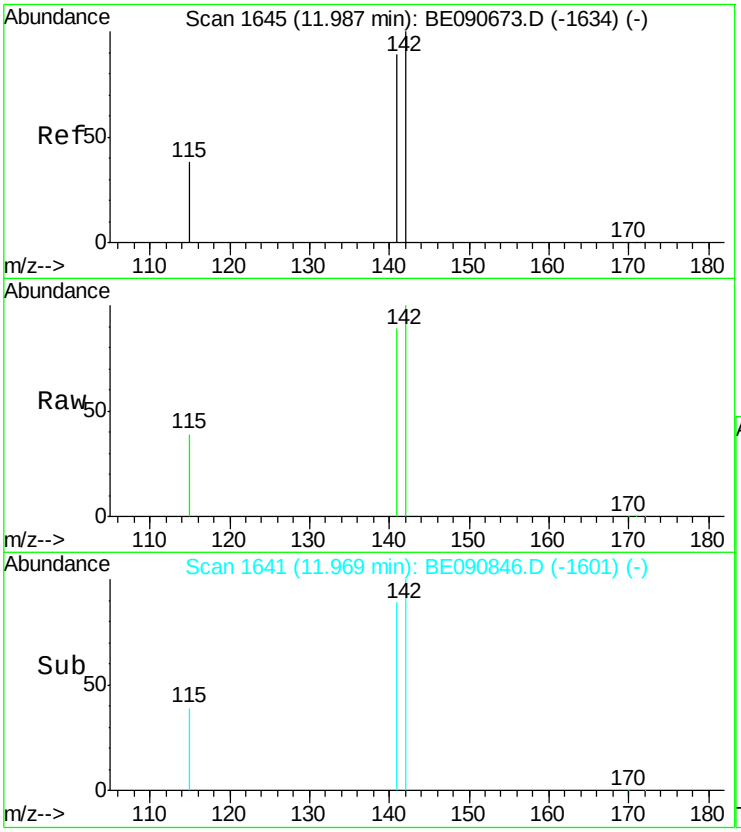


#10
Hexachlorobutadiene
Concen: 2.74 ng
RT: 10.64 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:225 Resp: 15810

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.4	51.0	76.6



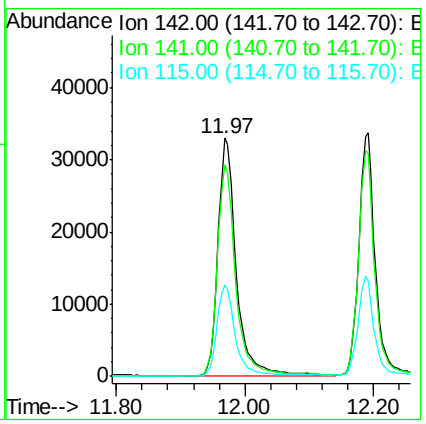


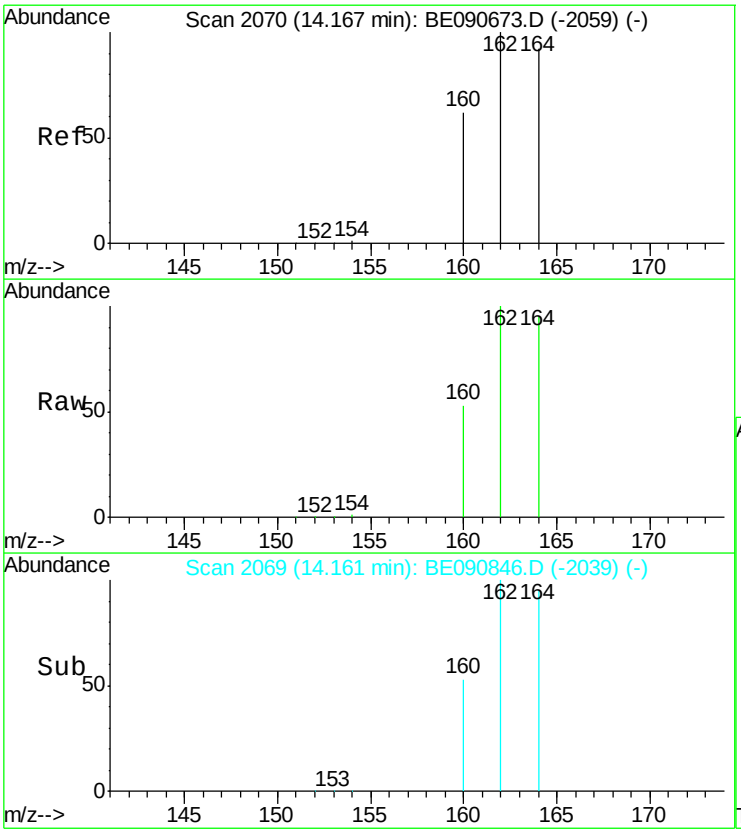
#11
2-Methylnaphthalene
Concen: 3.24 ng
RT: 11.97 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:142 Resp: 64728

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	38.6	31.0	46.4

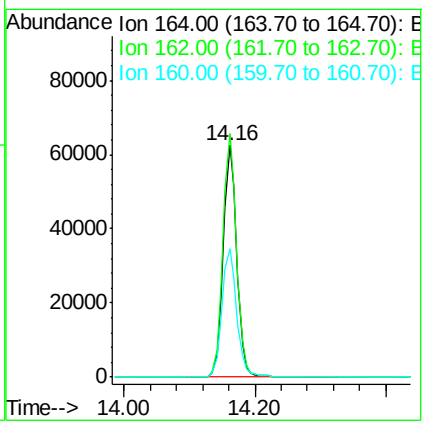


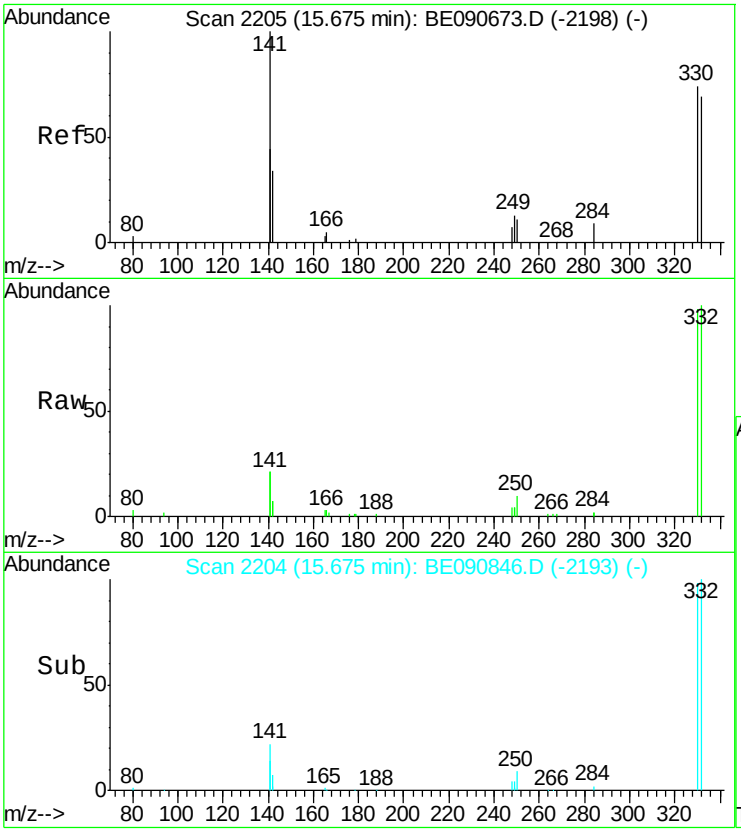


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:164 Resp: 89426

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.8	130.2
160	55.4	53.9	80.9



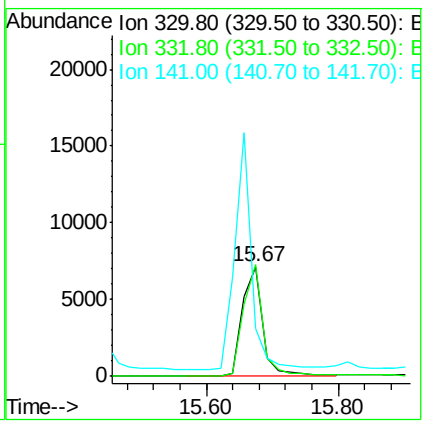


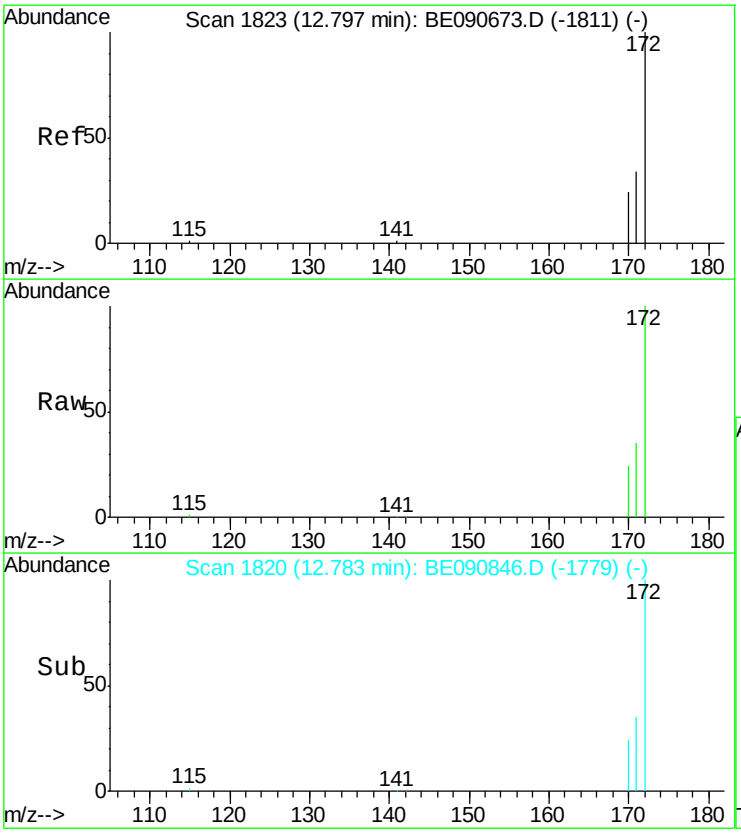
#13
2,4,6-Tribromophenol
Concen: 5.80 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:330 Resp: 15102

Ion	Ratio	Lower	Upper
330	100		
332	97.0	74.9	112.3
141	180.4	145.2	217.8

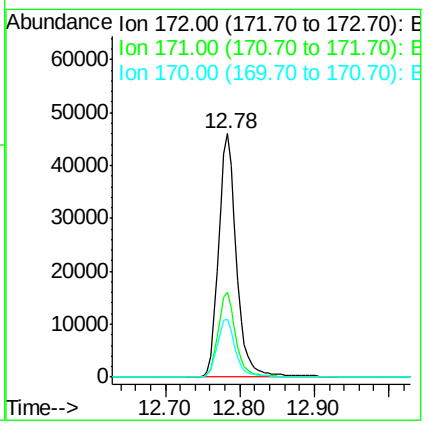


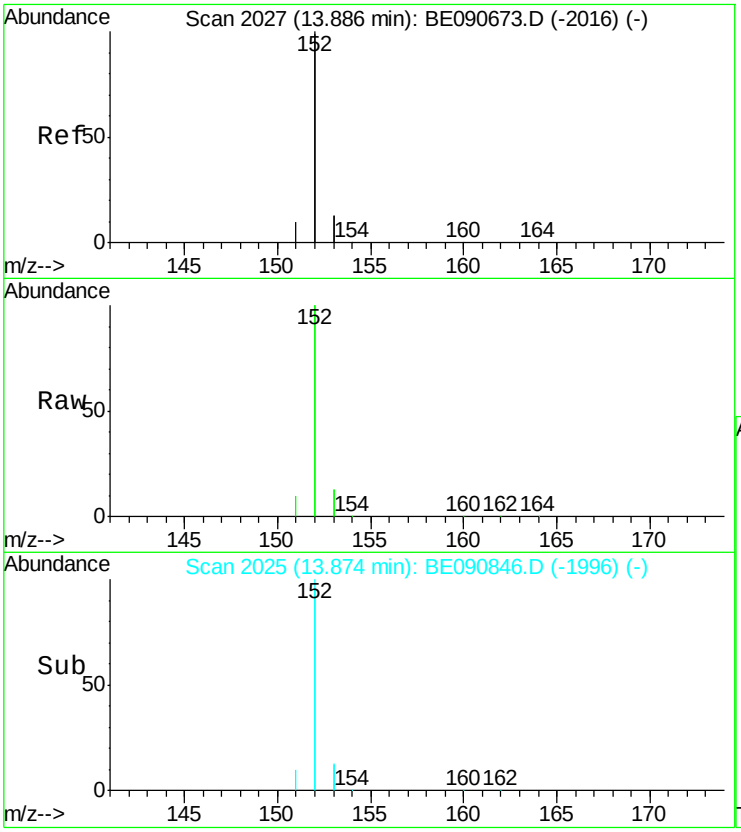


#14
2-Fluorobiphenyl
Concen: 3.06 ng
RT: 12.78 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:172 Resp: 75688

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.8	19.8	29.6



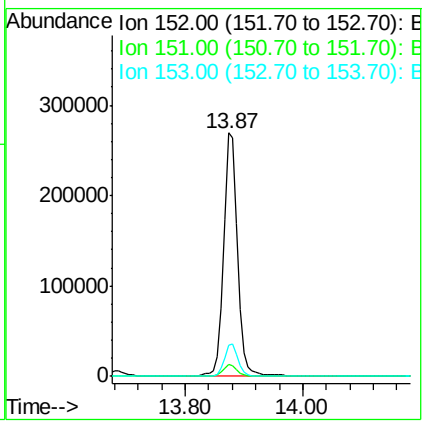


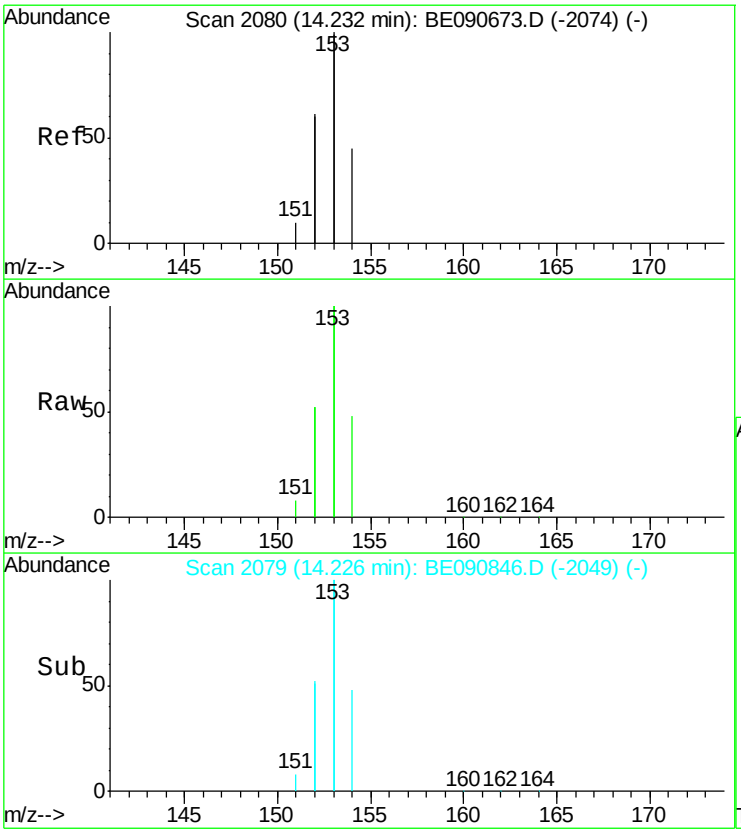
#15
Acenaphthylene
Concen: 3.07 ng
RT: 13.87 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:152 Resp: 438480

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.3	15.5

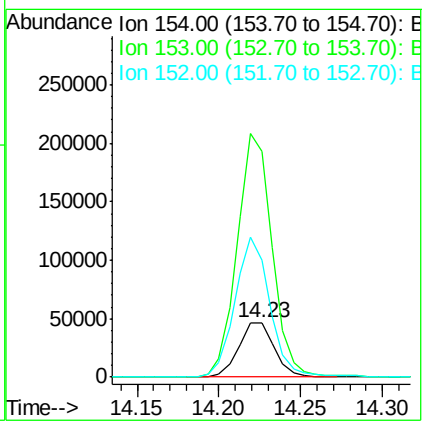


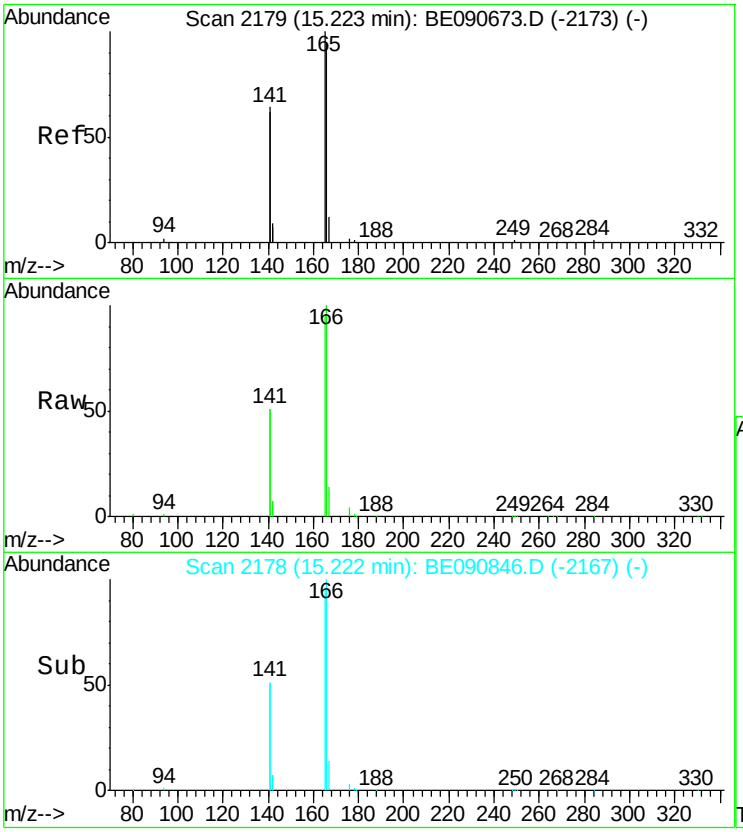


#16
Acenaphthene
Concen: 2.94 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:154 Resp: 70134

Ion	Ratio	Lower	Upper
154	100		
153	439.1	354.5	531.7
152	252.0	227.8	341.6



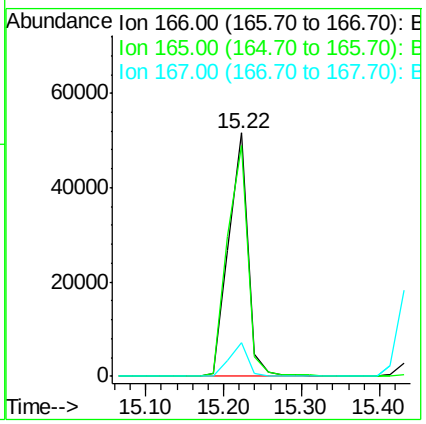


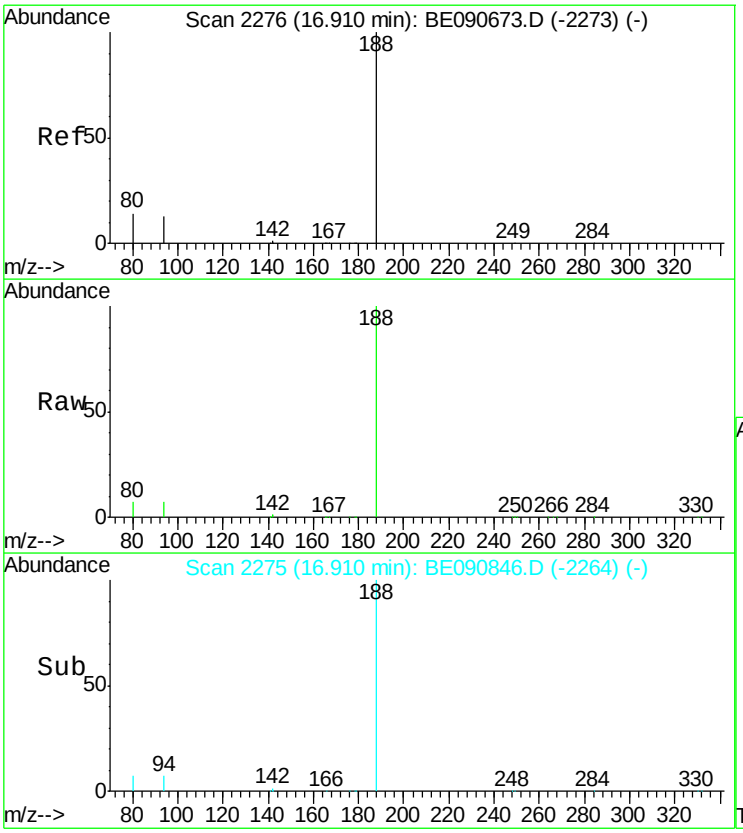
#17
Fluorene
Concen: 2.98 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:166 Resp: 88625

Ion	Ratio	Lower	Upper
166	100		
165	100.1	82.7	124.1
167	13.4	10.7	16.1

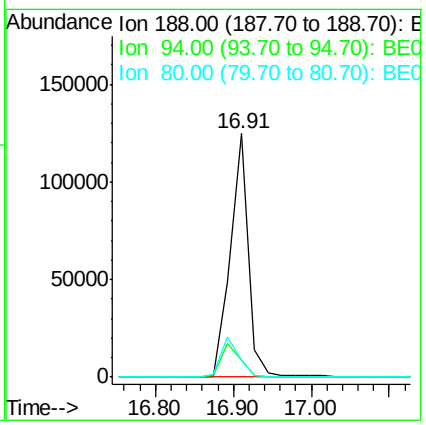


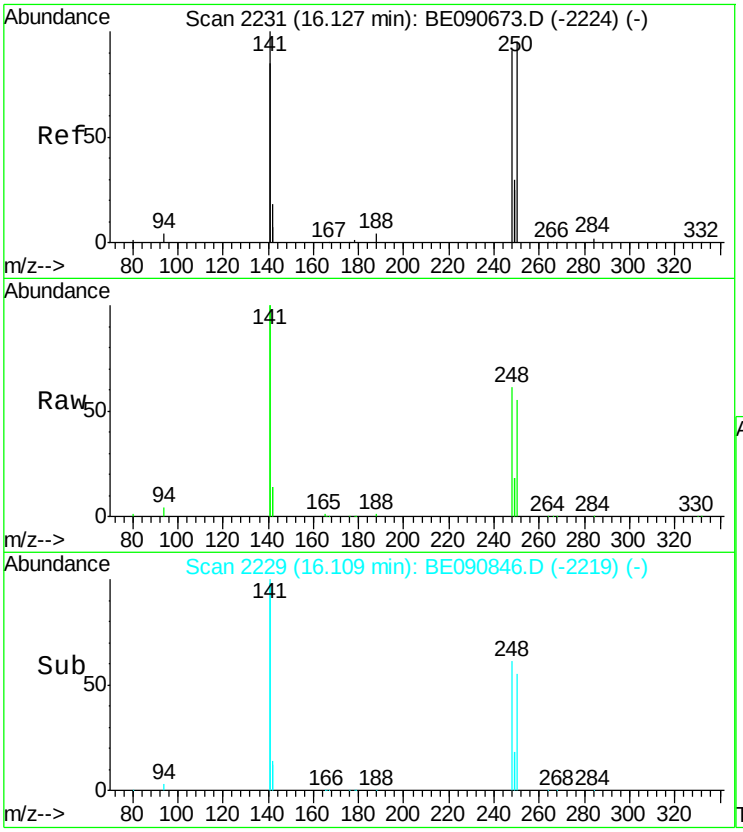


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:188 Resp: 201836

Ion	Ratio	Lower	Upper
188	100		
94	7.0	10.3	15.5#
80	7.2	11.0	16.6#



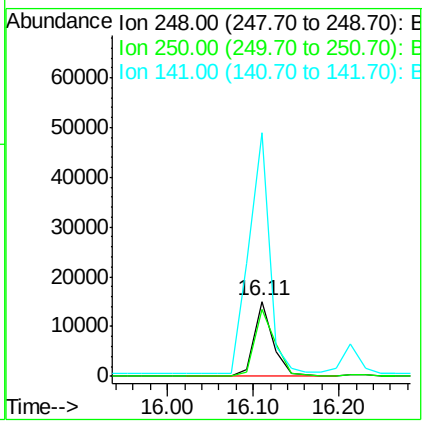


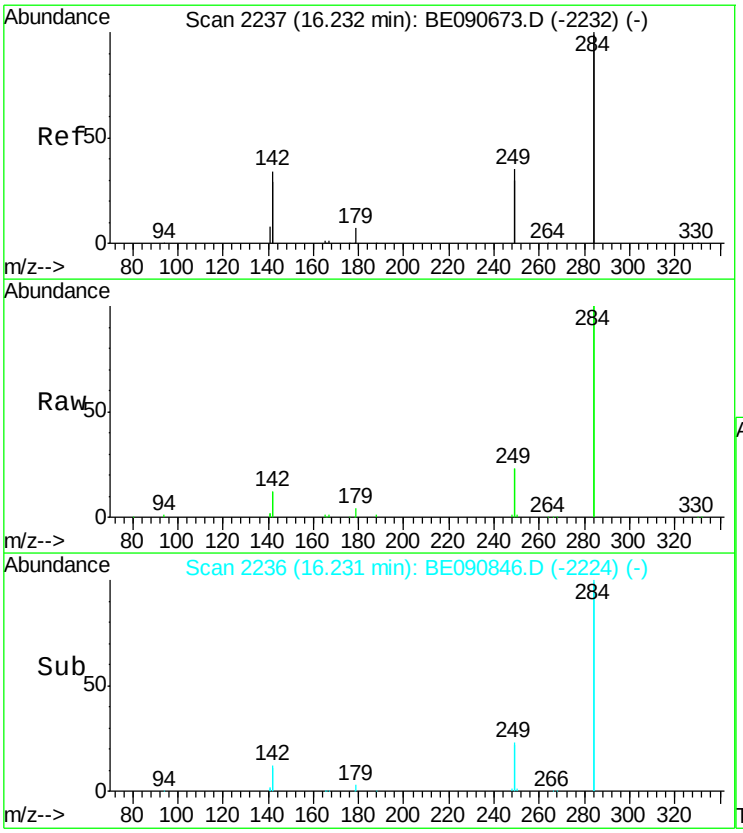
#19
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:248 Resp: 22861

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	357.4	292.6	439.0

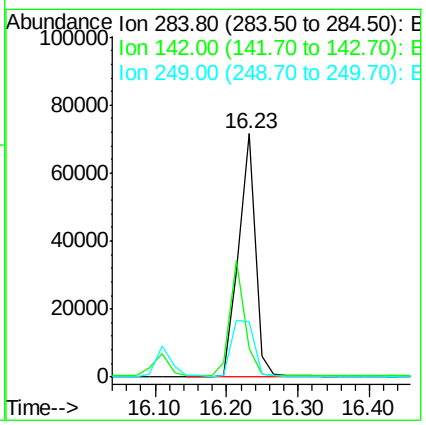


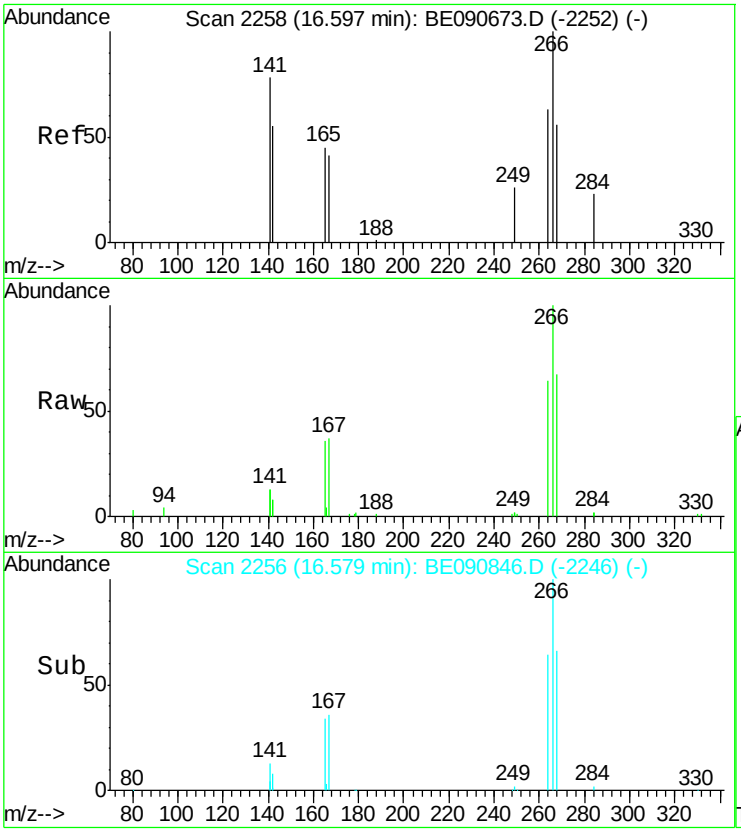


#20
Hexachlorobenzene
Concen: 3.45 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:284 Resp: 114435

Ion	Ratio	Lower	Upper
284	100		
142	42.2	35.0	52.4
249	31.2	25.5	38.3



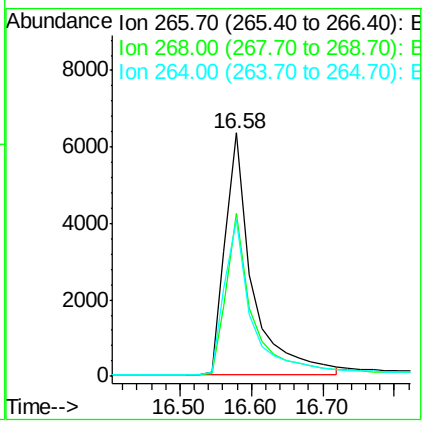


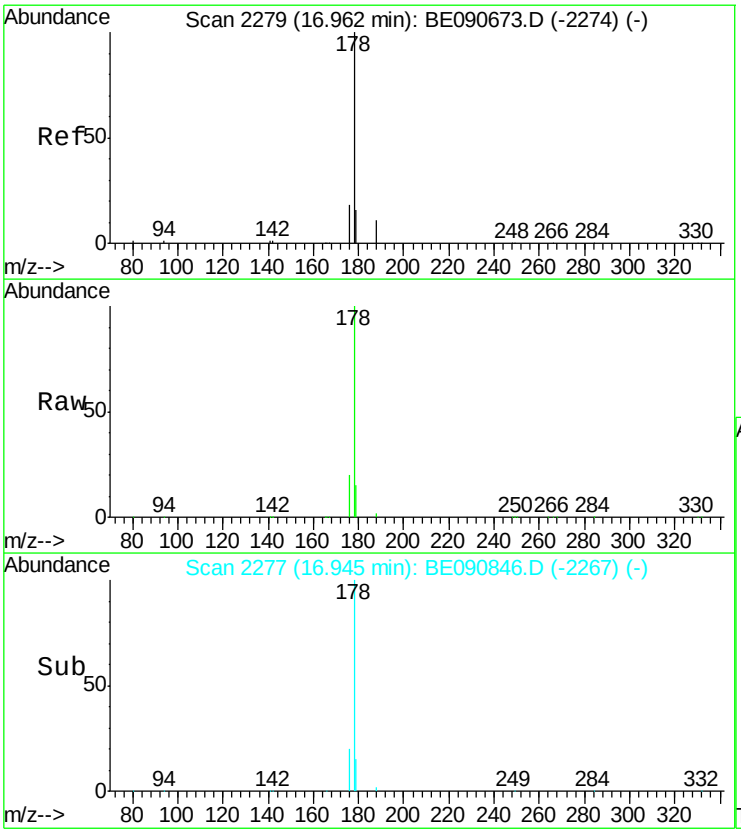
#21
Pentachlorophenol
Concen: 6.06 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:266 Resp: 16642

Ion	Ratio	Lower	Upper
266	100		
268	66.8	49.6	74.4
264	64.2	53.9	80.9

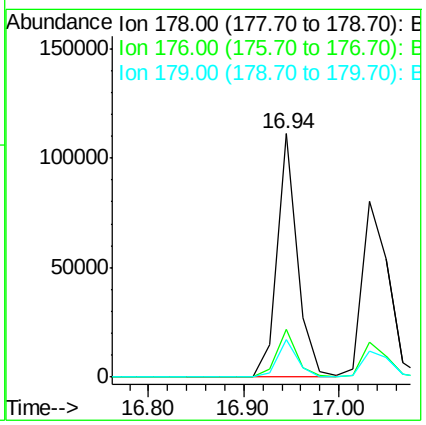


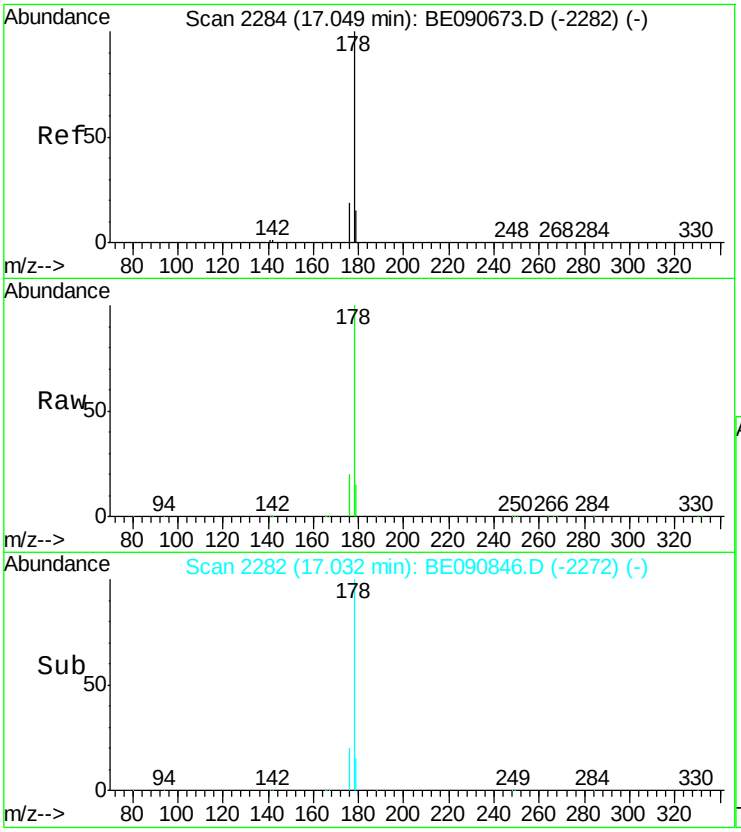


#22
Phenanthrene
Concen: 3.27 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:178 Resp: 163478

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



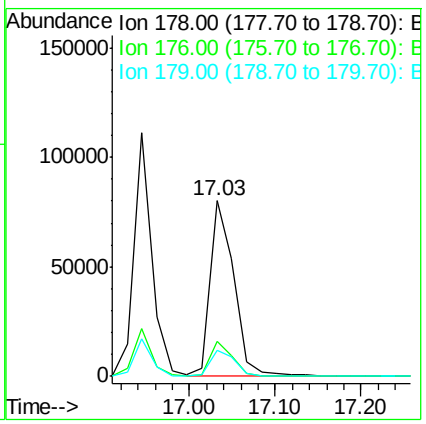


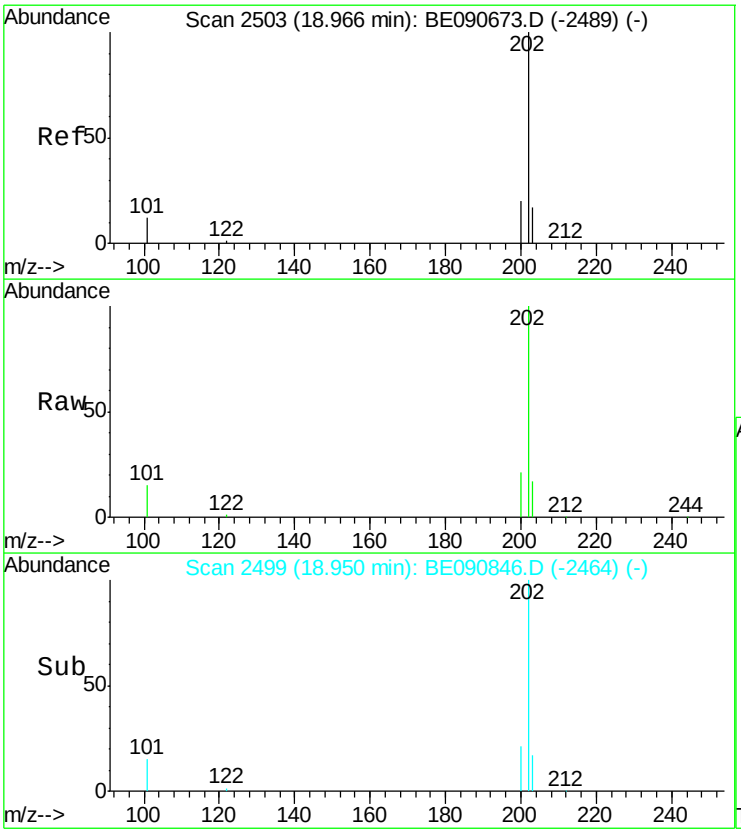
#23
Anthracene
Concen: 3.68 ng
RT: 17.03 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:178 Resp: 153629

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.3	12.3	18.5

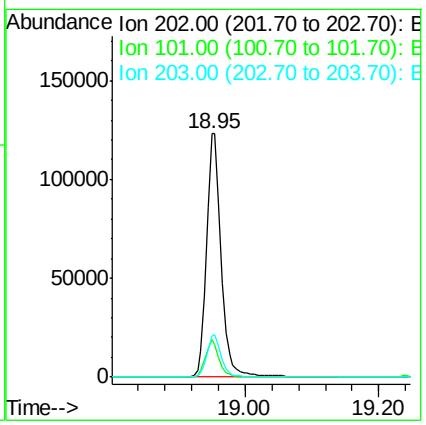


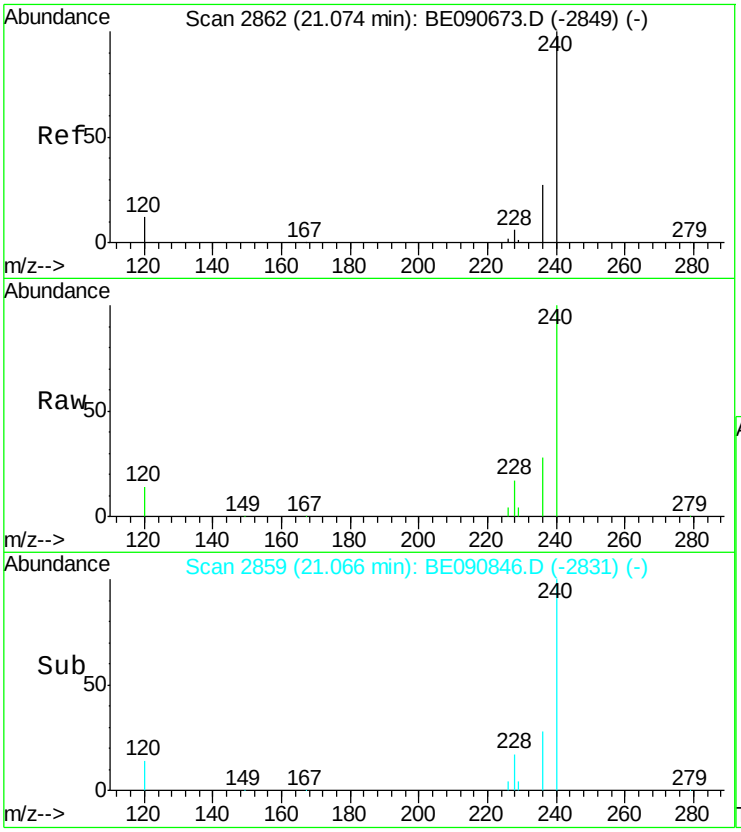


#24
Fluoranthene
Concen: 3.52 ng
RT: 18.95 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:202 Resp: 185549

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.0	16.6
203	17.2	13.9	20.9



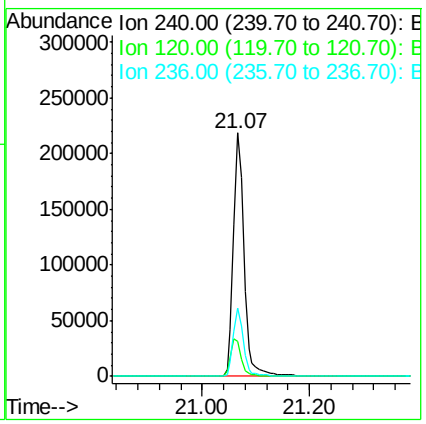


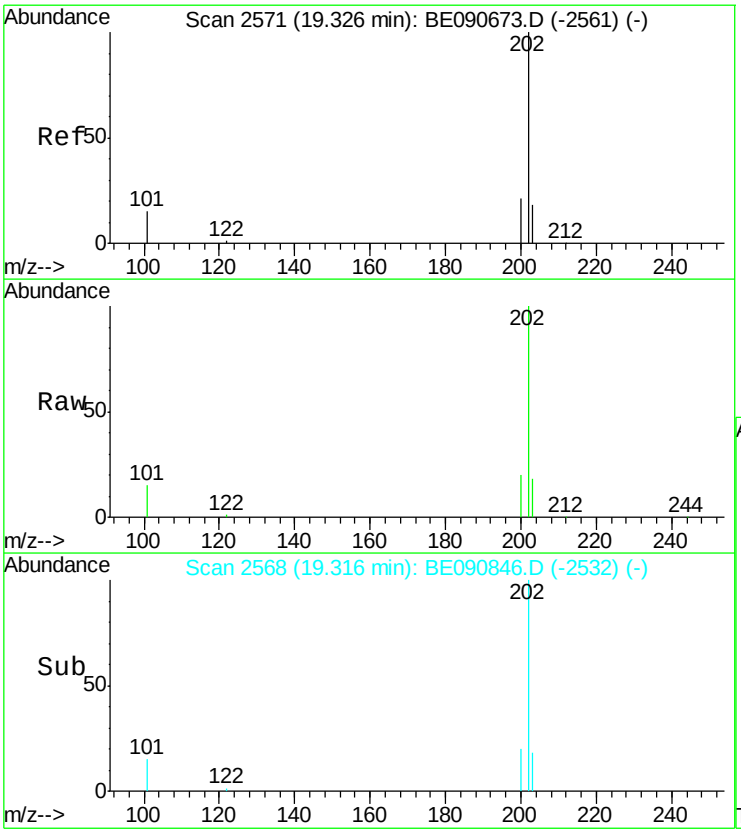
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:240 Resp: 299193

Ion	Ratio	Lower	Upper
240	100		
120	14.2	10.1	15.1
236	27.9	21.9	32.9

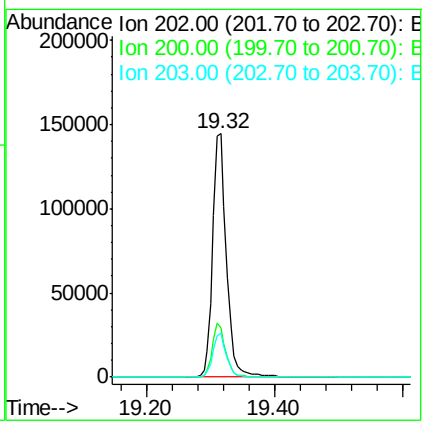


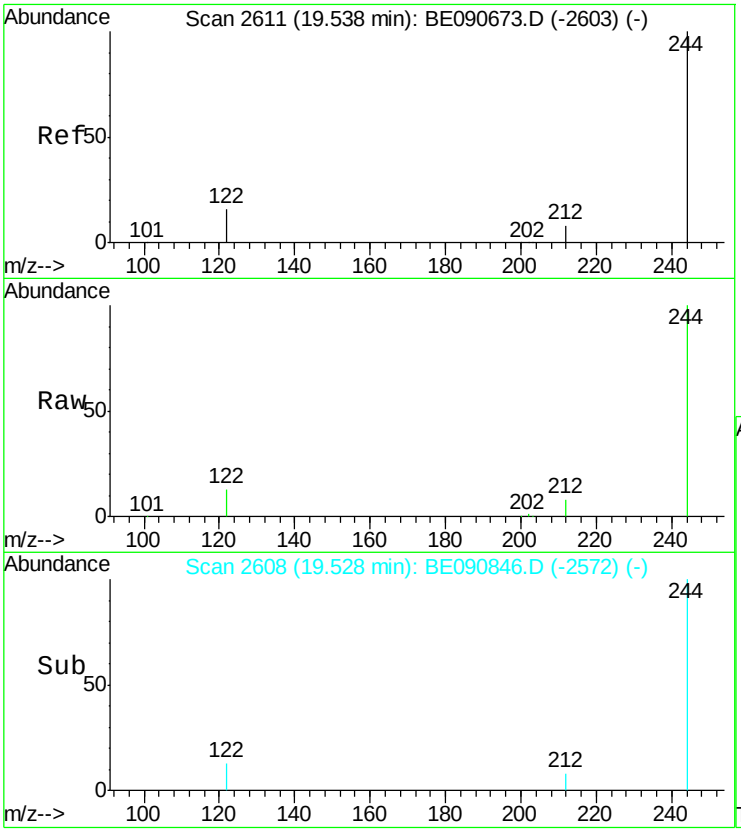


#26
Pyrene
Concen: 3.47 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:202 Resp: 215106

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



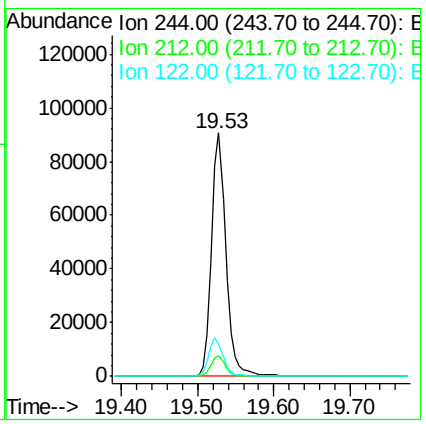


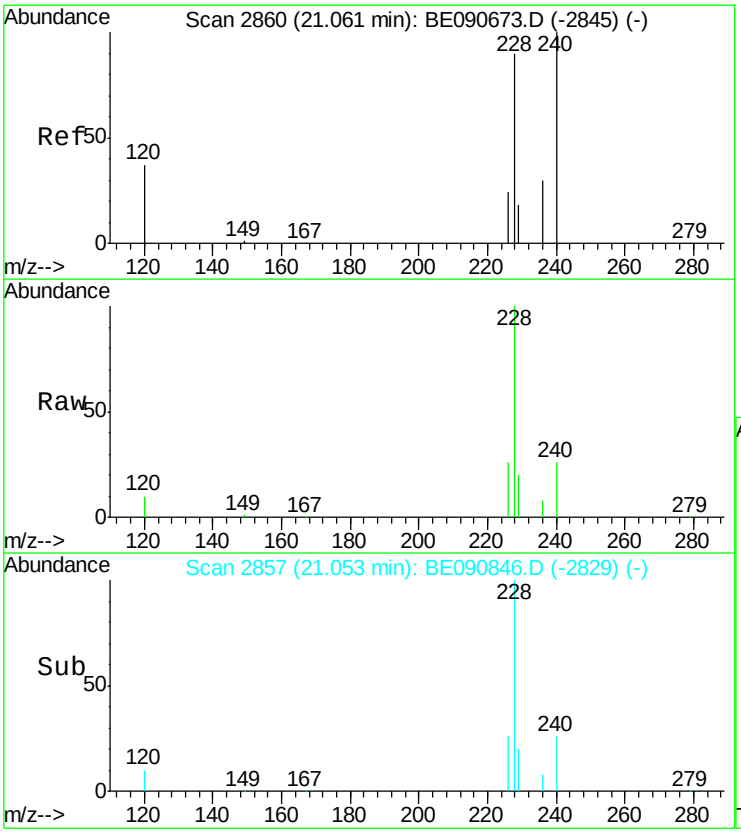
#27
Terphenyl-d14
Concen: 3.57 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:244 Resp: 118279

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	13.3	12.9	19.3

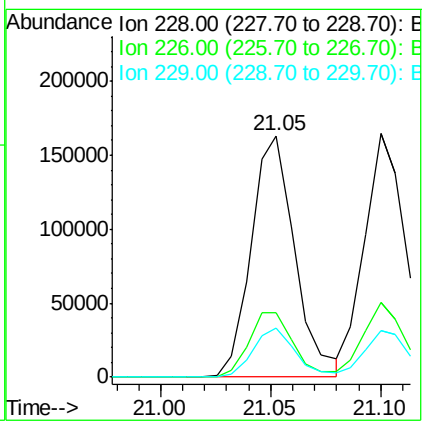


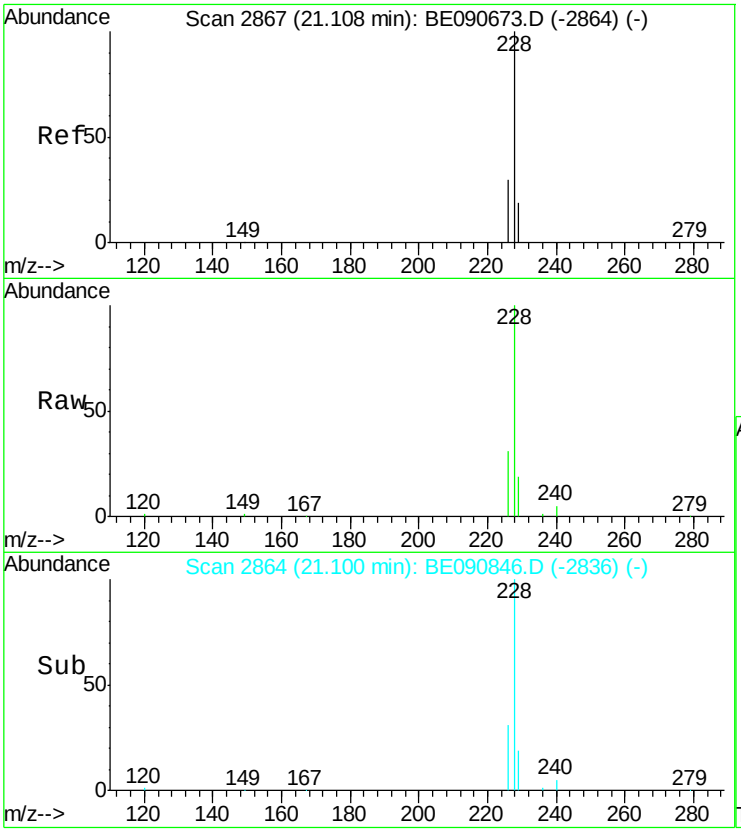


#28
Benzo(a)anthracene
Concen: 3.45 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:228 Resp: 226599

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.6	32.4
229	20.2	15.9	23.9



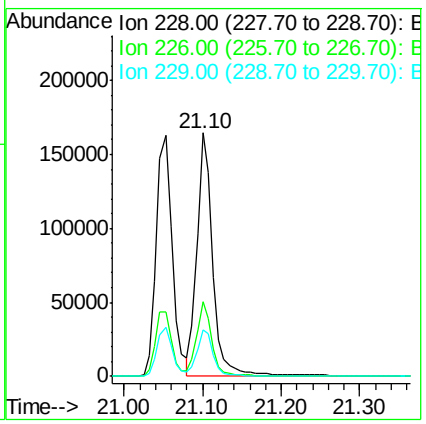


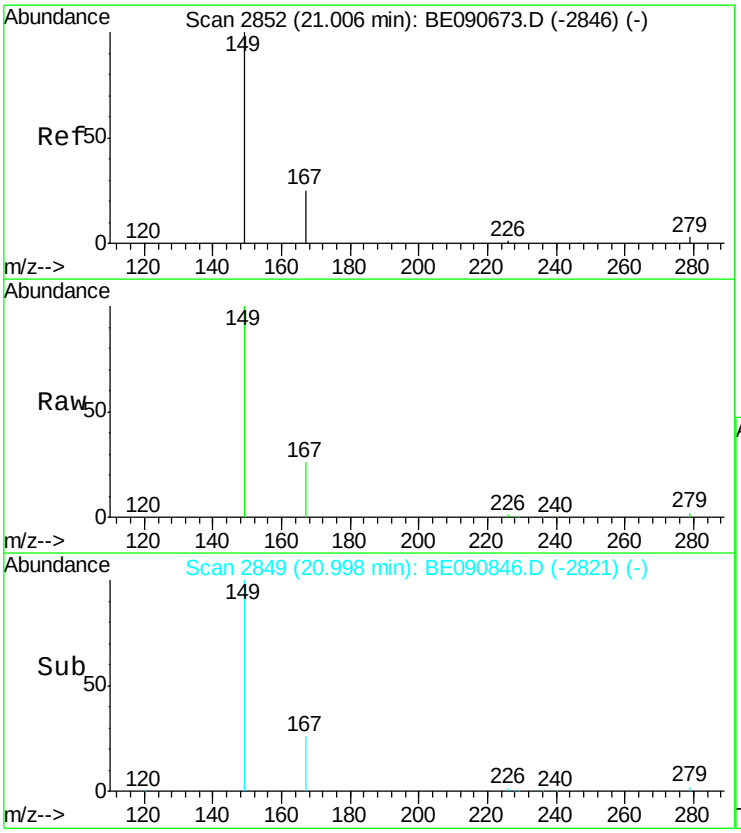
#29
Chrysene
Concen: 3.30 ng
RT: 21.10 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:228 Resp: 229398

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	18.9	15.3	22.9

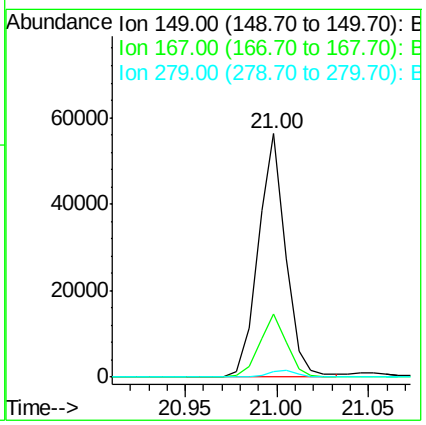


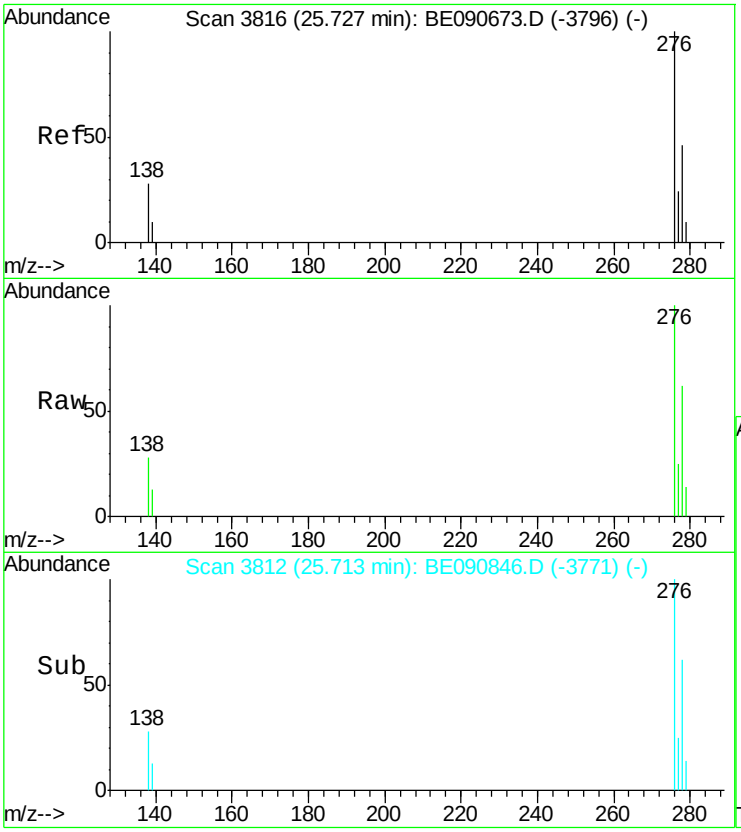


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.90 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:149 Resp: 58010

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.1	30.1
279	2.9	2.3	3.5



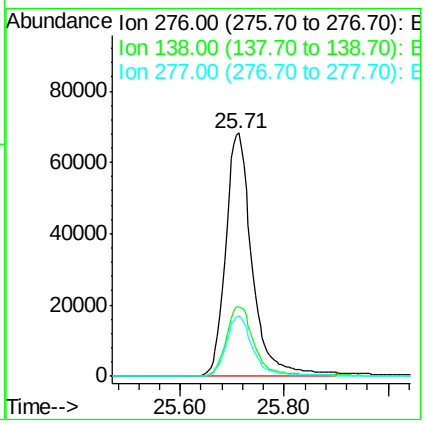


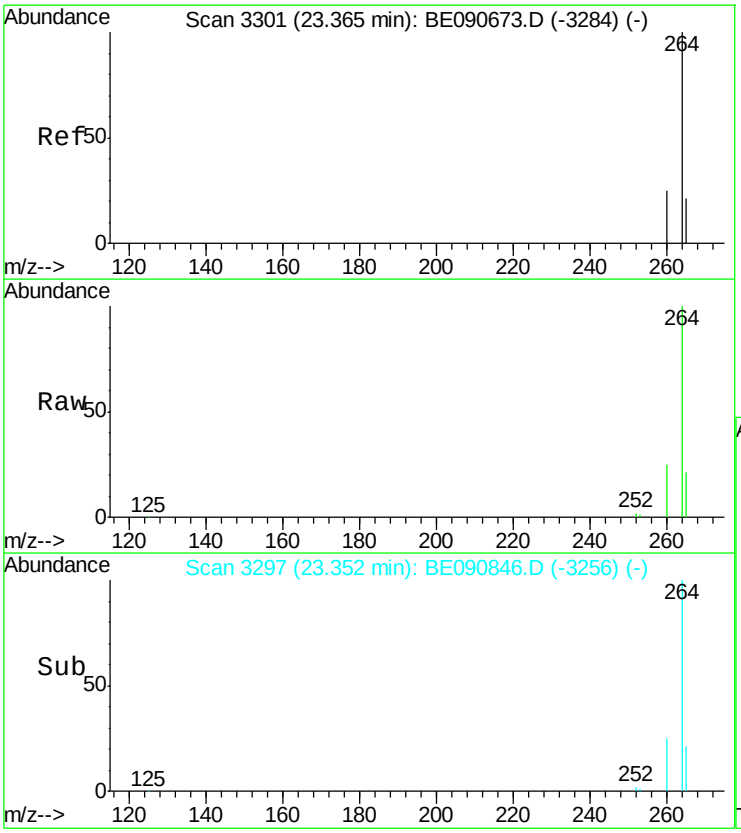
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng
RT: 25.71 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:276 Resp: 241598

Ion	Ratio	Lower	Upper
276	100		
138	30.4	23.3	34.9
277	25.0	19.8	29.6

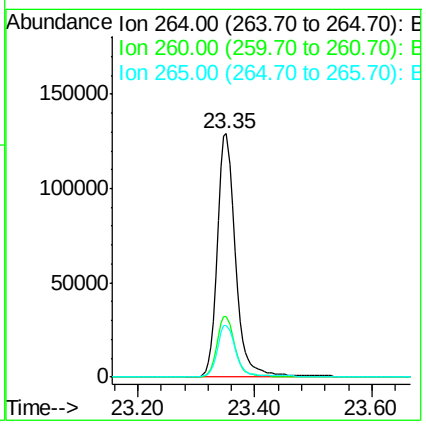


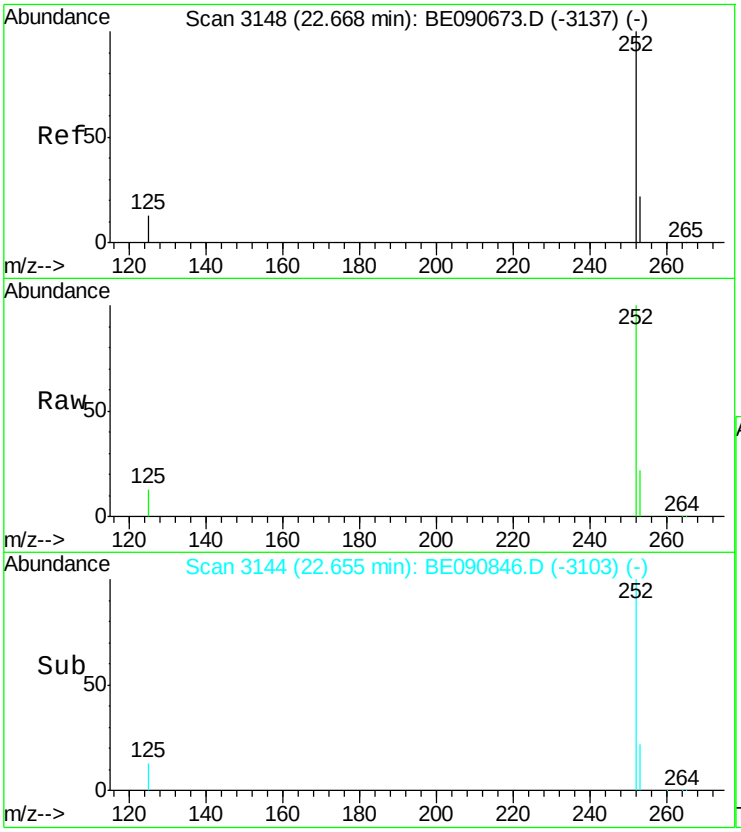


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:264 Resp: 274749

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.5	17.5	26.3



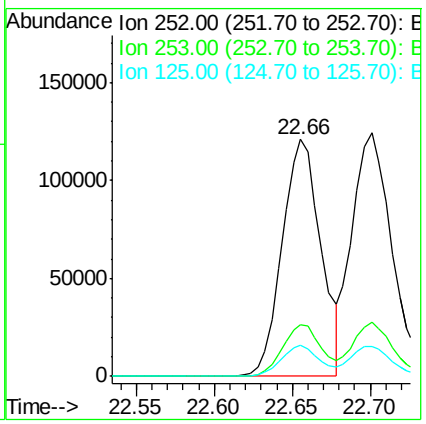


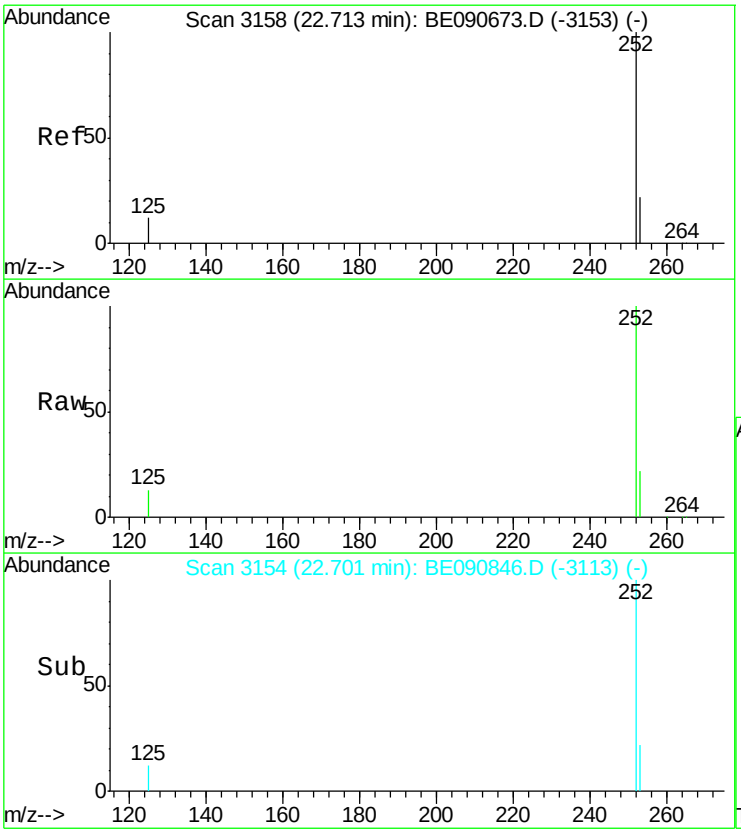
#33
Benzo(b)fluoranthene
Concen: 3.50 ng
RT: 22.66 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:252 Resp: 208278

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.9	10.6	16.0

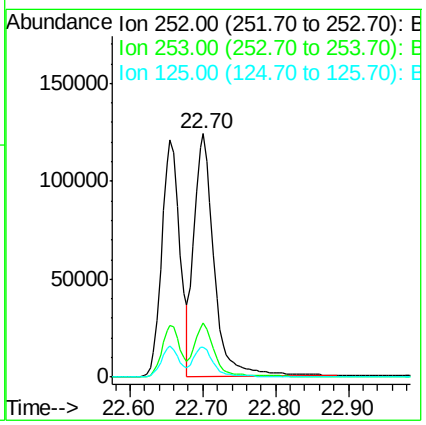


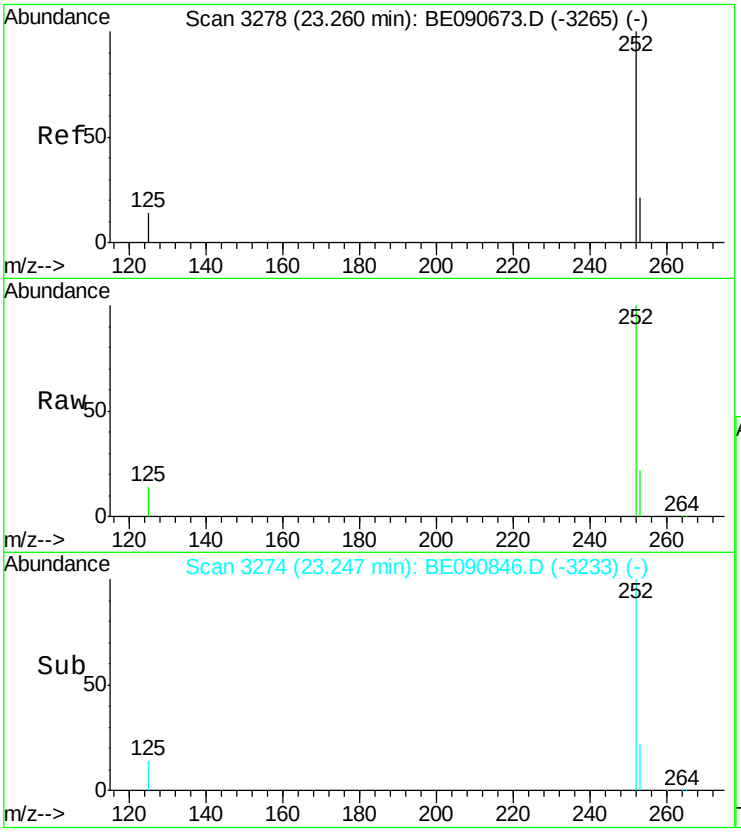


#34
Benzo(k)fluoranthene
Concen: 3.39 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:252 Resp: 235012

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.5	10.1	15.1



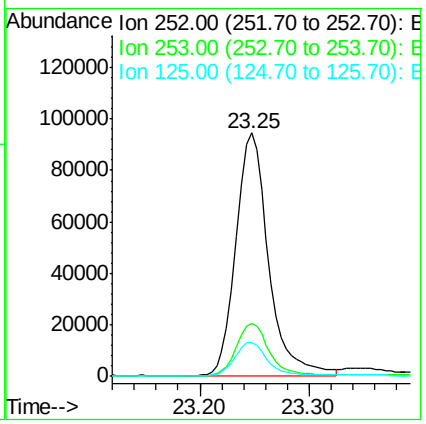


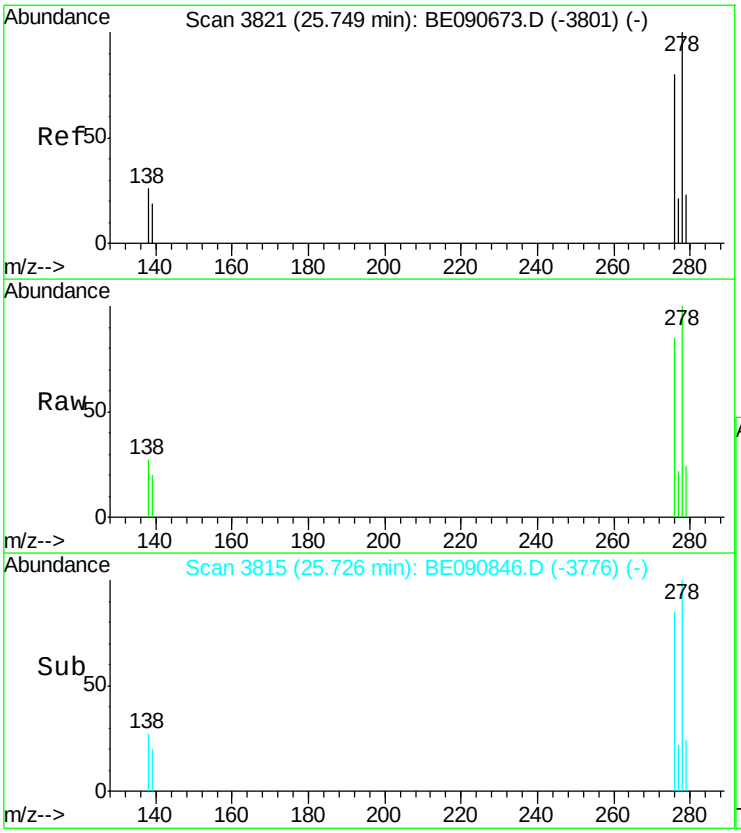
#35
Benzo(a)pyrene
Concen: 3.67 ng
RT: 23.25 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:252 Resp: 195479

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.7	11.6	17.4

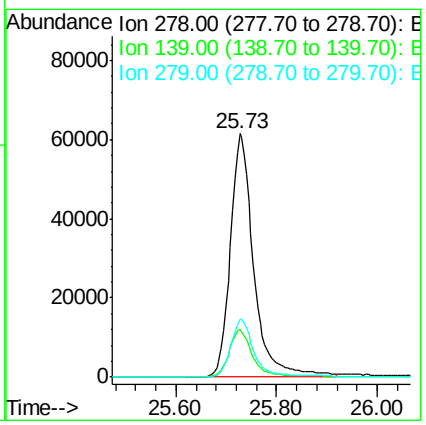


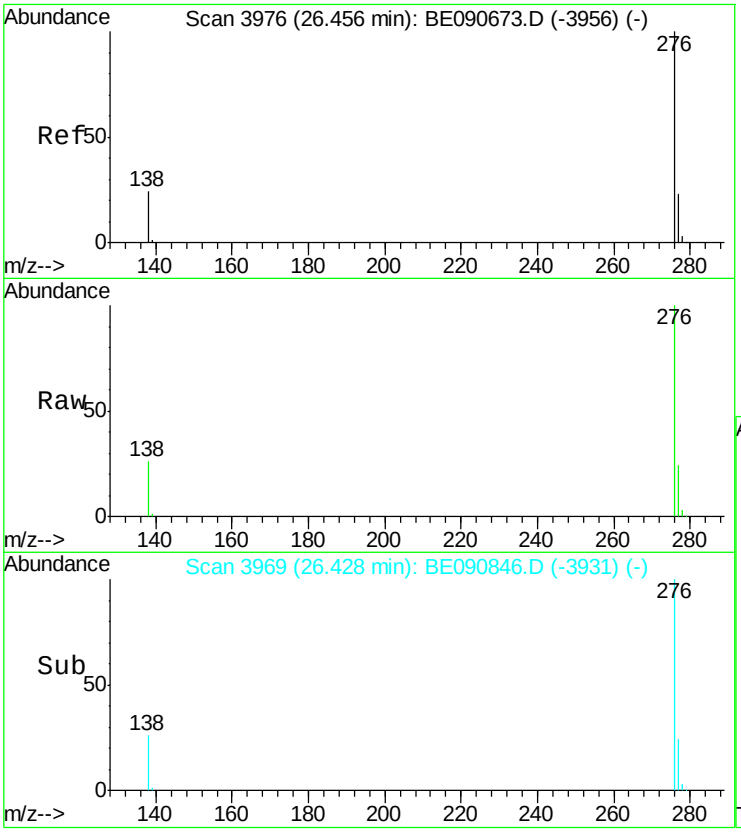


#36
Dibenzo(a,h)anthracene
Concen: 3.11 ng
RT: 25.73 min Scan# 3815
Delta R.T. -0.02 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Tgt Ion:278 Resp: 198689

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.4	23.0
279	23.8	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 3.34 ng
RT: 26.43 min Scan# 3969
Delta R.T. -0.03 min
Lab File: BE090846.D
Acq: 16 Sep 2015 16:24

Instrument :
BNA_E
ClientSampleId :
PB85578BSD

Tgt Ion:276 Resp: 204882

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	25.8	20.1	30.1