Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
Data File : BE090760.D
Acq On : 10 Sep 2015 14:29
Operator : UM/IZ
Sample : PB85478BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85478BSD

Quant Time: Sep 11 02:51:49 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	44418	5.00	ng		0.00
6) Naphthalene-d8	10.30	136	202309	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	105621	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	243499	5.00	ng		0.00
25) Chrysene-d12	21.07	240	319065	5.00	ng		0.00
32) Perylene-d12	23.36	264	268498	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	69272	8.00	ng		0.00
5) Phenol-d6	6.74	99	107492	8.69	ng		0.00
7) Nitrobenzene-d5	8.69	82	55473	4.15	ng		-0.01
13) 2,4,6-Tribromophenol	15.67	330	24268	7.83	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	111865	3.82	ng		0.00
27) Terphenyl-d14	19.53	244	162588	4.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	22642	3.88	ng		98
3) n-Nitrosodimethylamine	3.45	42	27571	3.48	ng	#	94
8) Nitrobenzene	8.73	77	59011	3.62	ng		98
9) Naphthalene	10.35	128	152511	3.46	ng		99
10) Hexachlorobutadiene	10.65	225	23050	3.34	ng		100
11) 2-Methylnaphthalene	11.97	142	96466	4.04	ng		99
15) Acenaphthylene	13.88	152	640813	3.80	ng		100
16) Acenaphthene	14.23	154	100489	3.56	ng		91
17) Fluorene	15.22	166	127501	3.62	ng		96
19) 4-Bromophenyl-phenylether	16.11	248	33192	4.00	ng		95
20) Hexachlorobenzene	16.23	284	159323	4.00	ng		98
21) Pentachlorophenol	16.58	266	24513	7.29	ng		96
22) Phenanthrene	16.94	178	228839	3.80	ng		99
23) Anthracene	17.05	178	215855	4.28	ng		100
24) Fluoranthene	18.96	202	258961	4.08	ng		99
26) Pyrene	19.32	202	290582	4.40	ng		99
28) Benzo(a)anthracene	21.05	228	286450	4.09	ng		100
29) Chrysene	21.11	228	296660	4.02	ng		99
30) Bis(2-ethylhexyl)phthalate	21.00	149	83768	3.73	ng		100
31) Indeno(1,2,3-cd)pyrene	25.72	276	287093	3.81	ng		99
33) Benzo(b)fluoranthene	22.66	252	250888	4.31	ng		98
34) Benzo(k)fluoranthene	22.71	252	288779	4.26	ng		99
35) Benzo(a)pyrene	23.25	252	234679	4.51	ng		100
36) Dibenzo(a,h)anthracene	25.74	278	236290	3.76	ng		100
37) Benzo(g,h,i)perylene	26.44	276	245598	4.10	ng		99

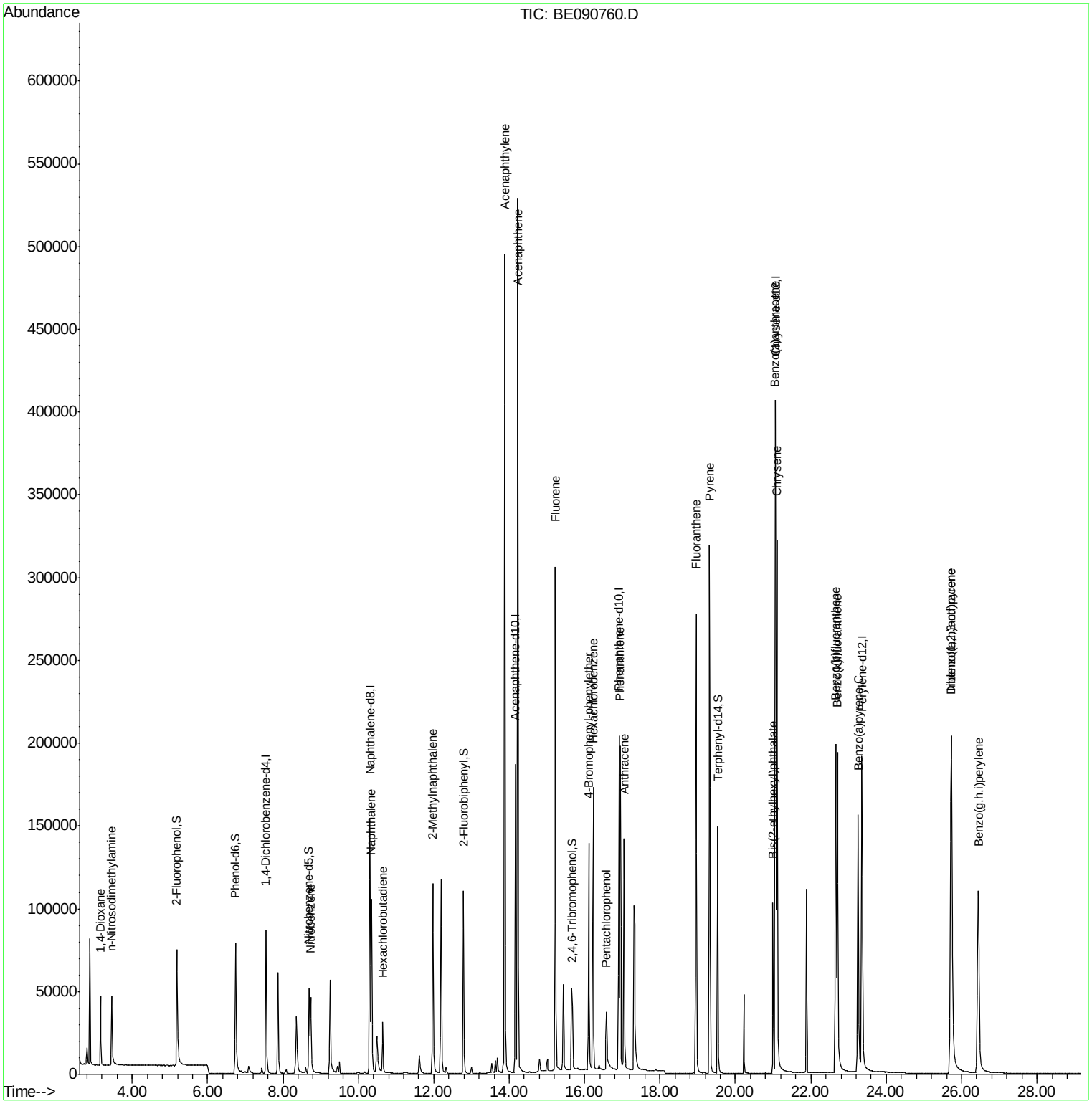
(#) = qualifier out of range (m) = manual integration (+) = signals summed

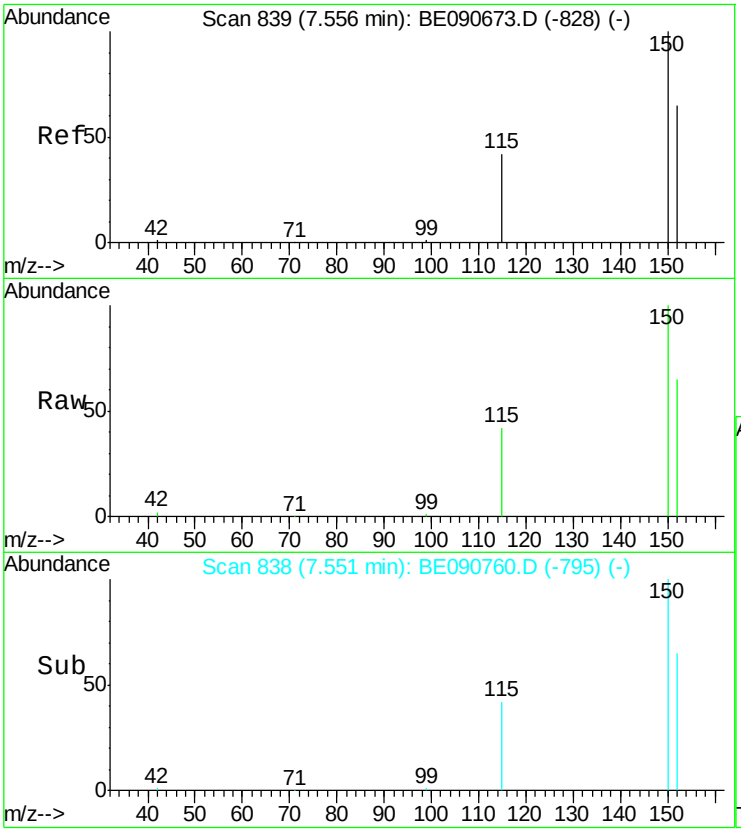
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091015\
Data File : BE090760.D
Acq On : 10 Sep 2015 14:29
Operator : UM/IZ
Sample : PB85478BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Quant Time: Sep 11 02:51:49 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



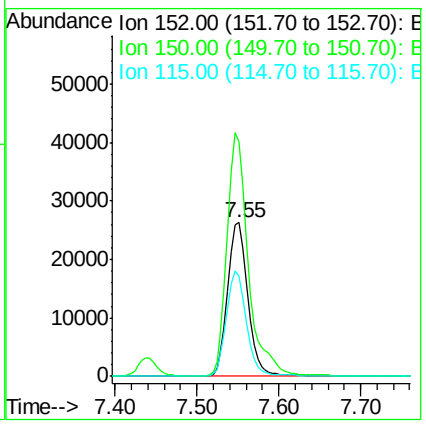


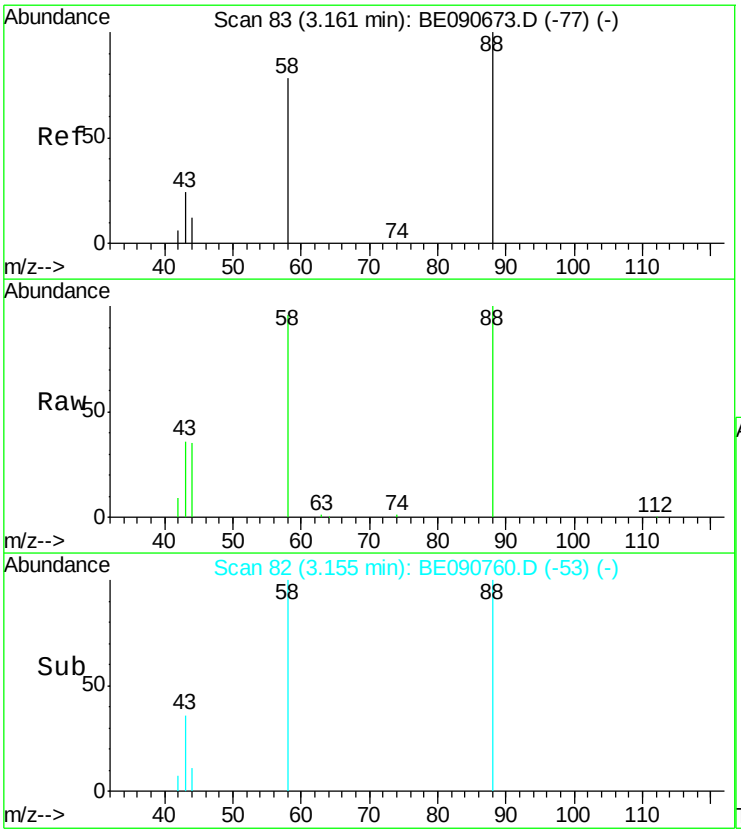
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:152 Resp: 44418

Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.2	183.4
115	64.9	51.0	76.4

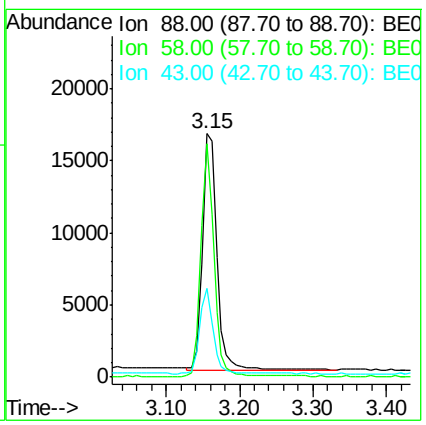


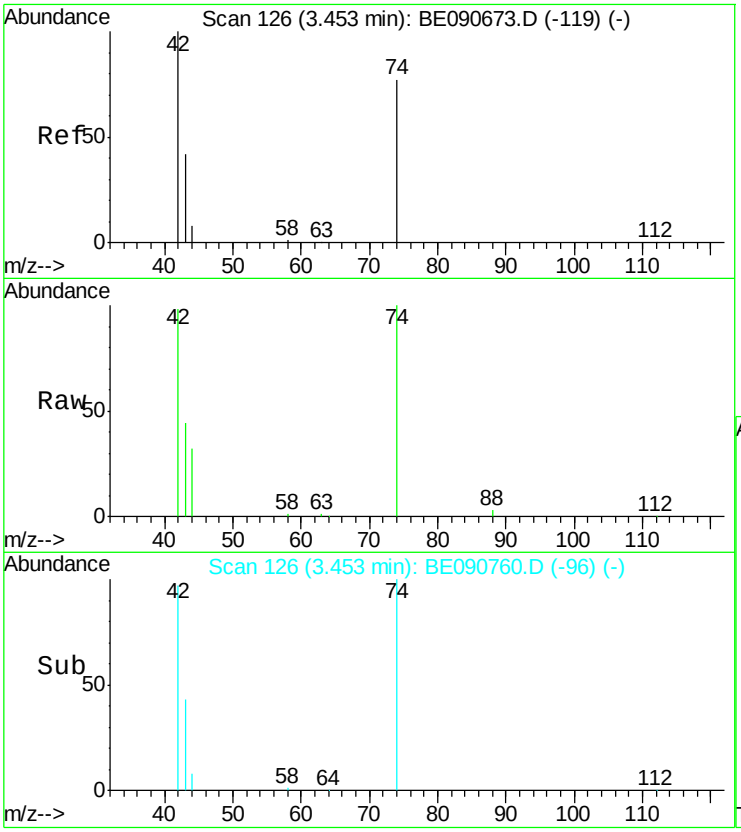


#2
1,4-Dioxane
Concen: 3.88 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion: 88 Resp: 22642

Ion	Ratio	Lower	Upper
88	100		
58	87.0	68.4	102.6
43	32.2	26.9	40.3



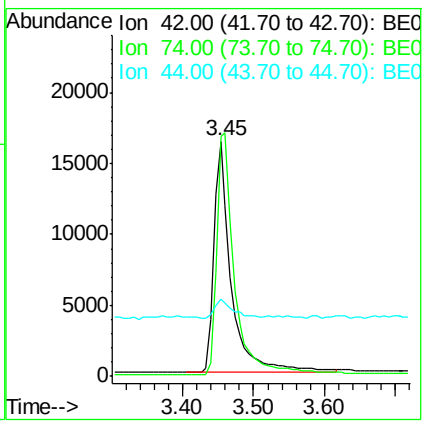


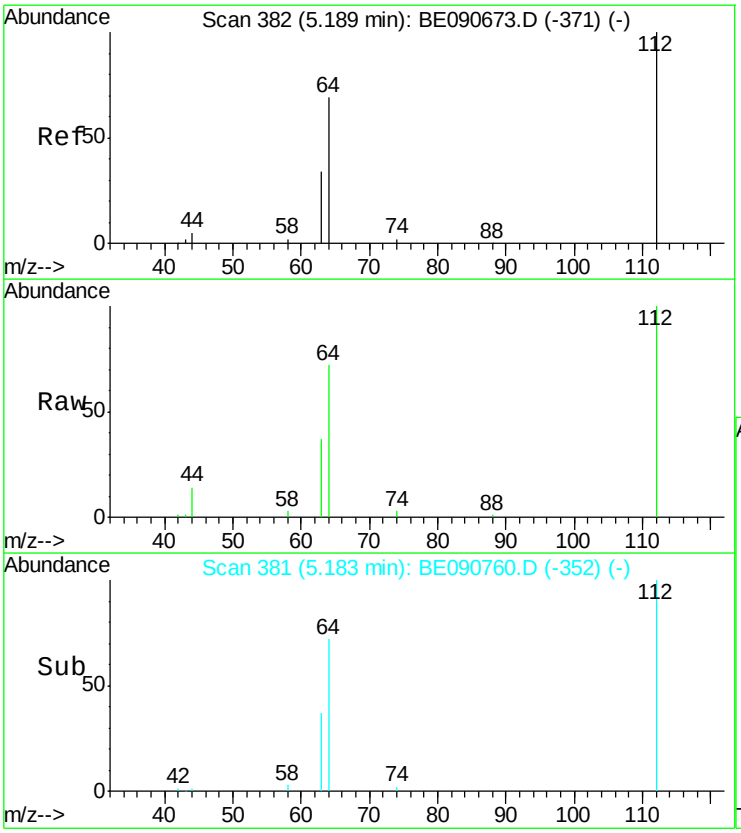
#3
n-Nitrosodimethylamine
Concen: 3.48 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion: 42 Resp: 27571

Ion	Ratio	Lower	Upper
42	100		
74	110.2	83.7	125.5
44	8.0	10.0	15.0#

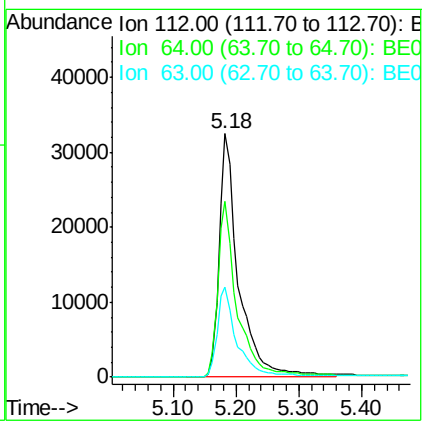


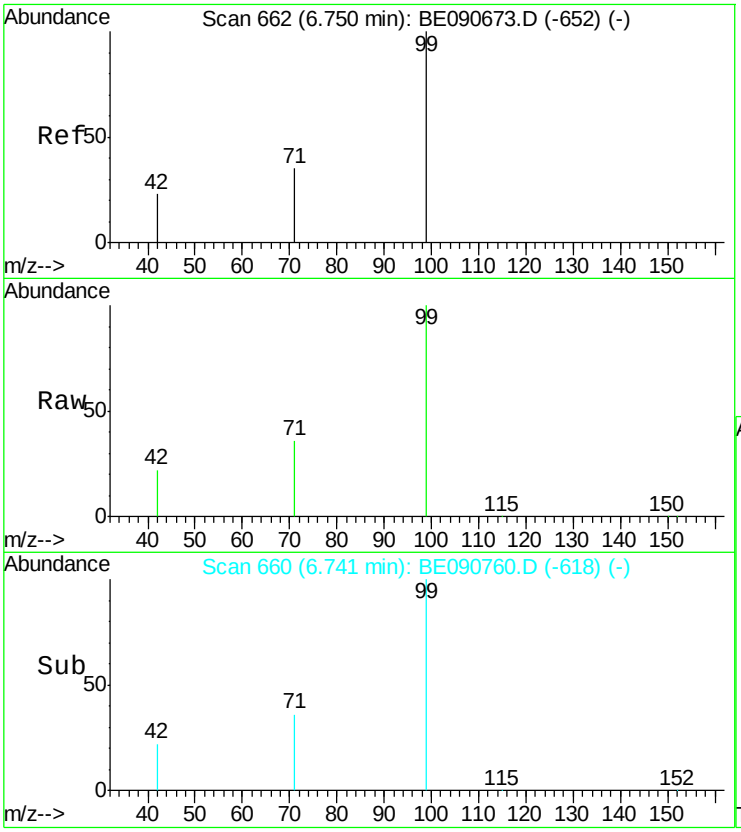


#4
2-Fluorophenol
Concen: 8.00 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:112 Resp: 69272

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.3	85.9
63	37.2	29.2	43.8



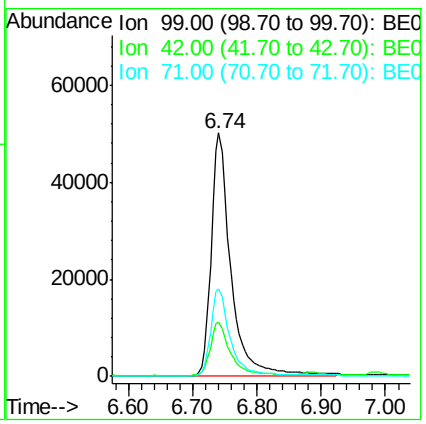


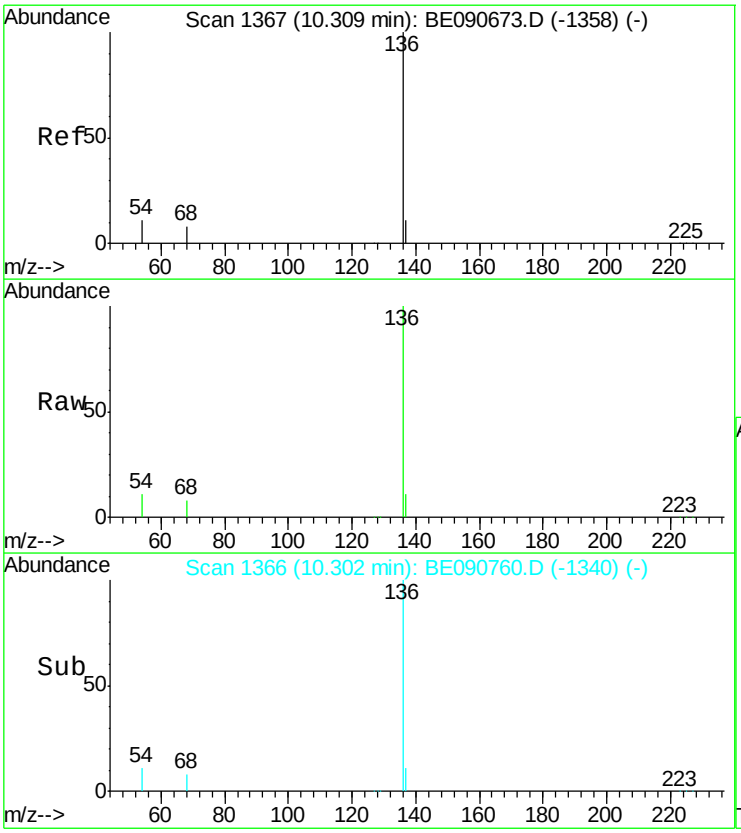
#5
Phenol-d6
Concen: 8.69 ng
RT: 6.74 min Scan# 660
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion: 99 Resp: 107492

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.8	25.2
71	36.1	28.3	42.5

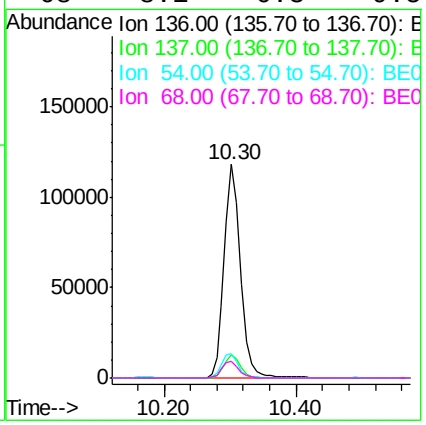


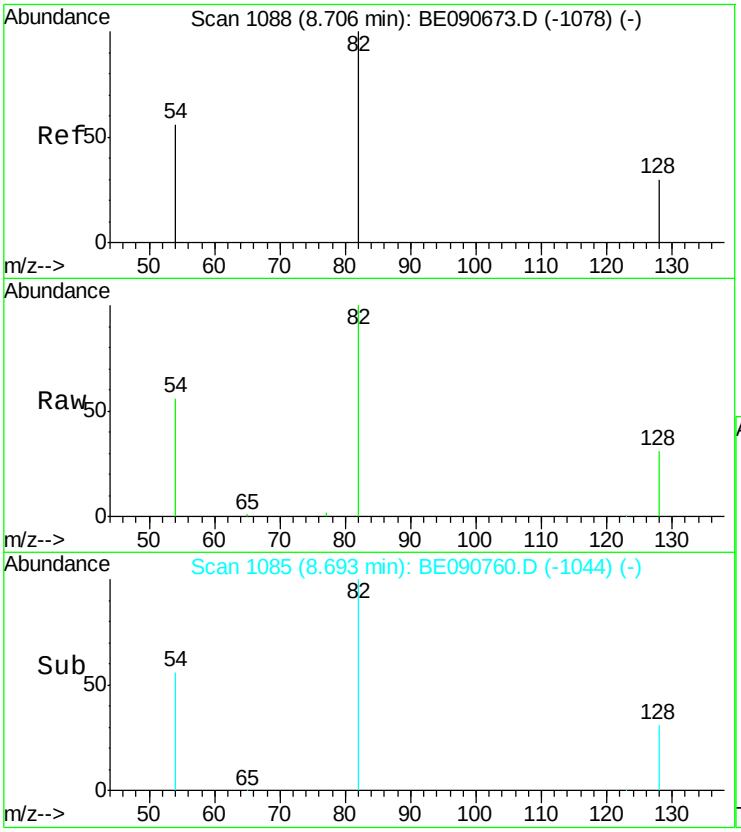


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:136 Resp: 202309

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.1	9.0	13.6
68	8.1	6.3	9.5



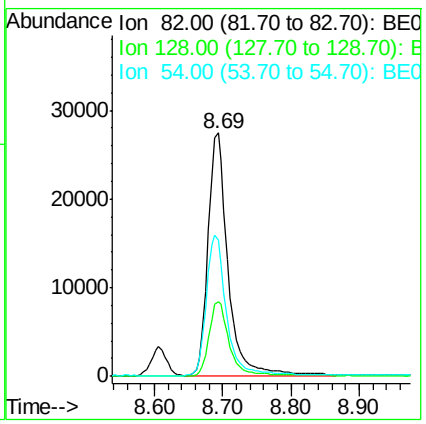


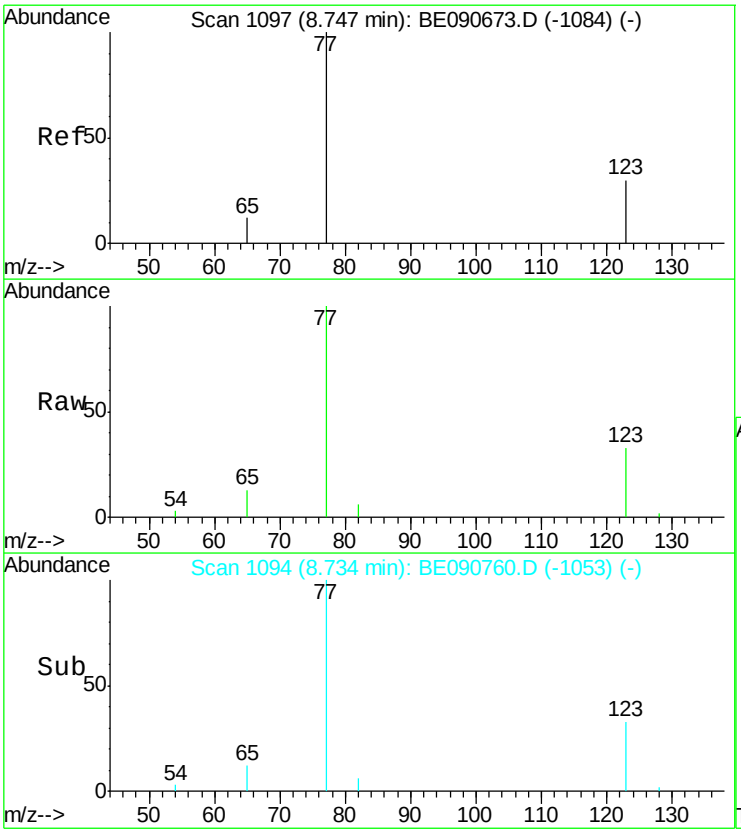
#7
Nitrobenzene-d5
Concen: 4.15 ng
RT: 8.69 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion: 82 Resp: 55473

Ion	Ratio	Lower	Upper
82	100		
128	30.9	25.0	37.4
54	56.2	46.3	69.5

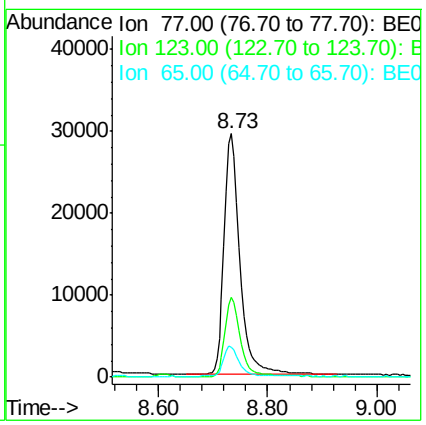


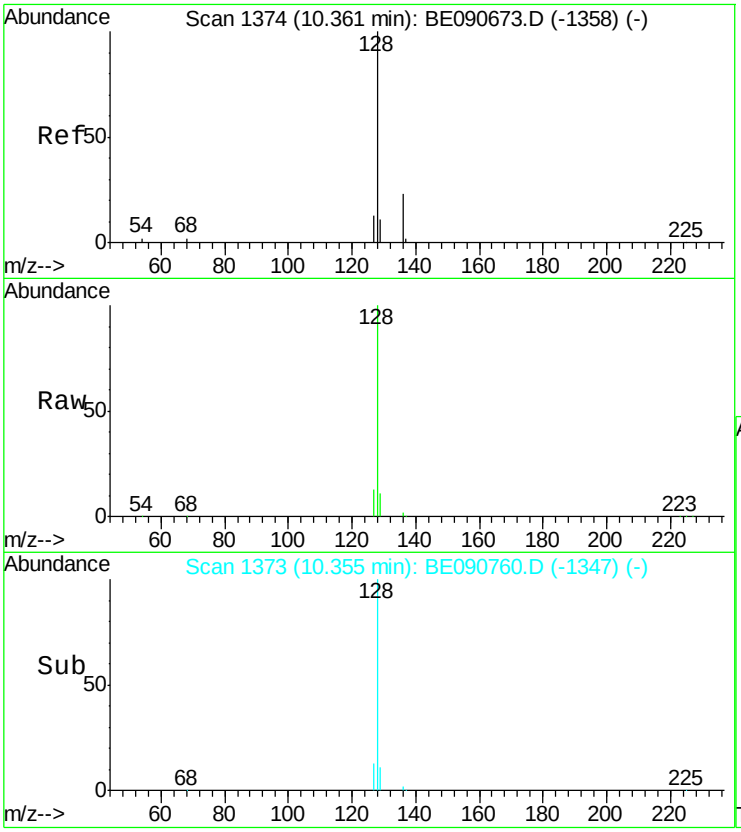


#8
Nitrobenzene
Concen: 3.62 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion: 77 Resp: 59011

Ion	Ratio	Lower	Upper
77	100		
123	32.6	25.1	37.7
65	12.5	9.9	14.9



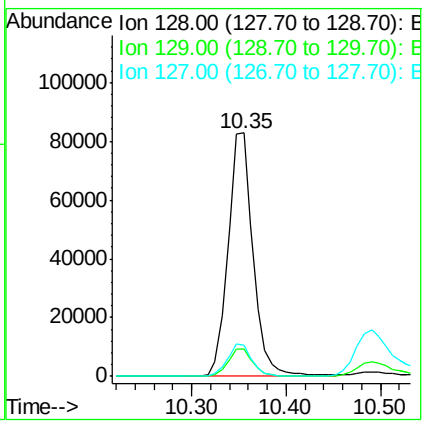


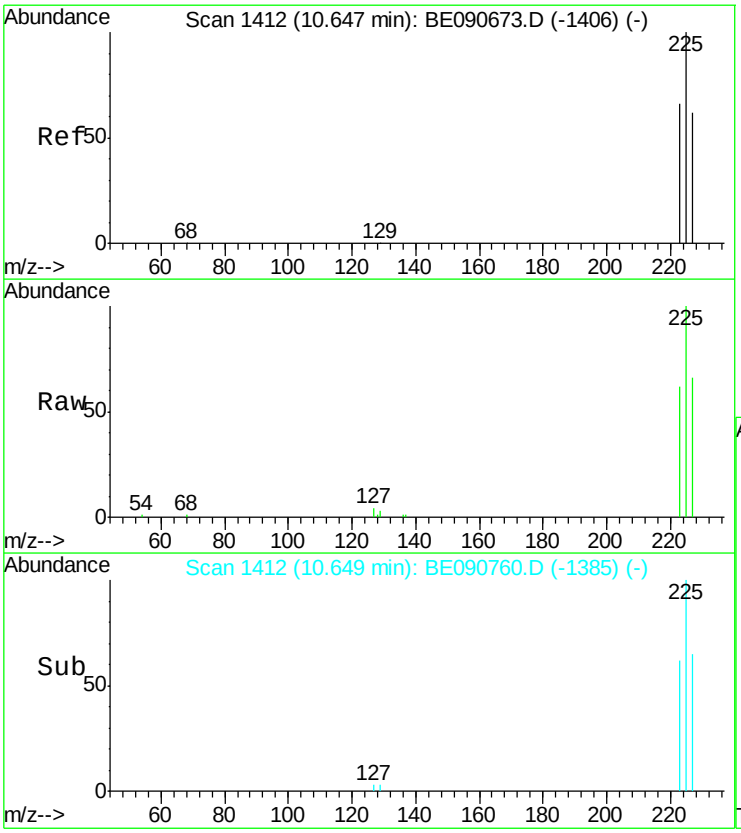
#9
Naphthalene
Concen: 3.46 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:128 Resp: 152511

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	12.9	10.6	15.8

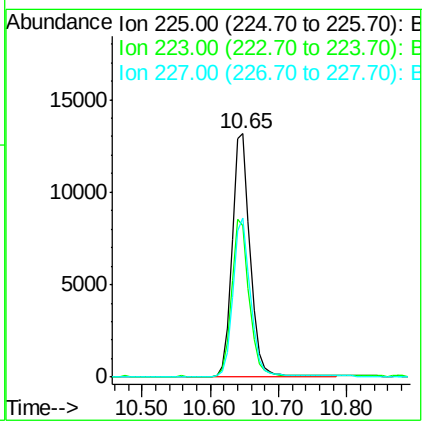


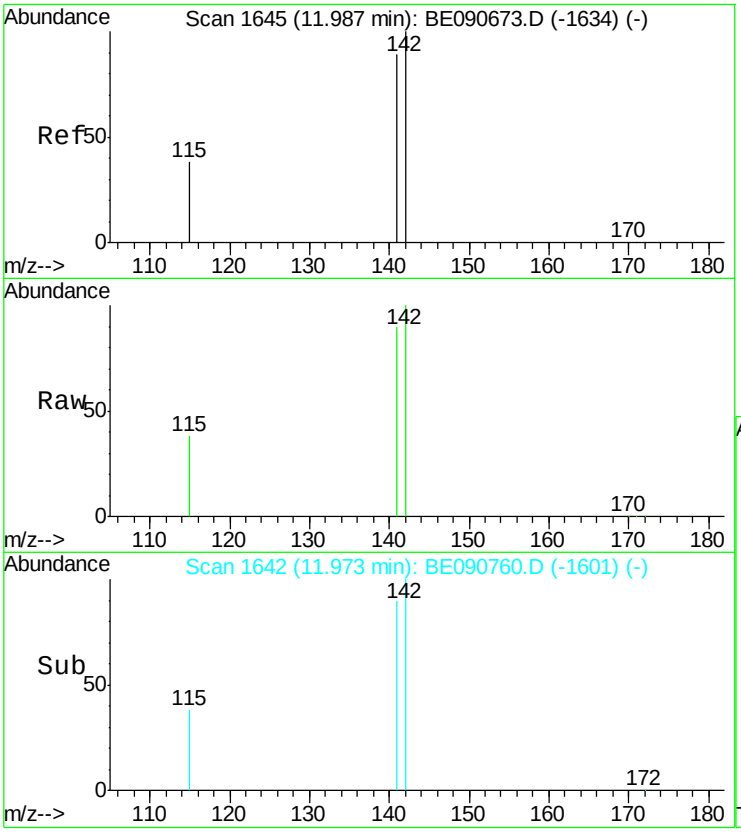


#10
Hexachlorobutadiene
Concen: 3.34 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:225 Resp: 23050

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.1	51.0	76.6



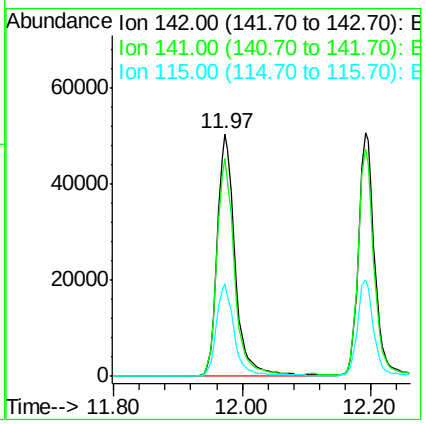


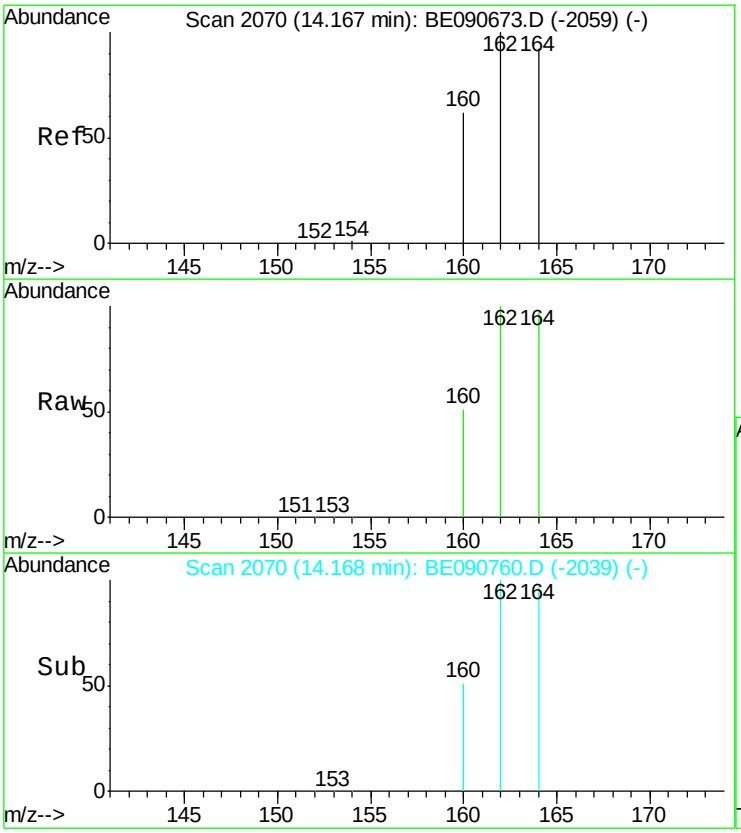
#11
2-Methylnaphthalene
Concen: 4.04 ng
RT: 11.97 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:142 Resp: 96466

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	38.1	31.0	46.4

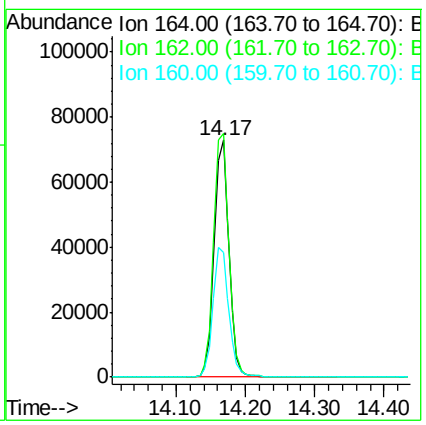


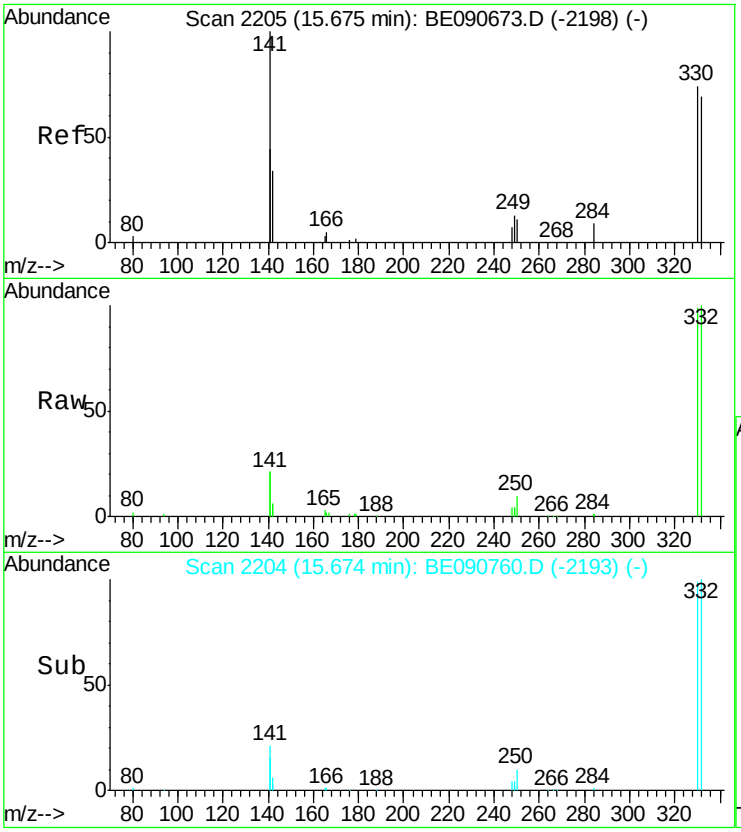


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:164 Resp: 105621

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.8	130.2
160	52.5	53.9	80.9#



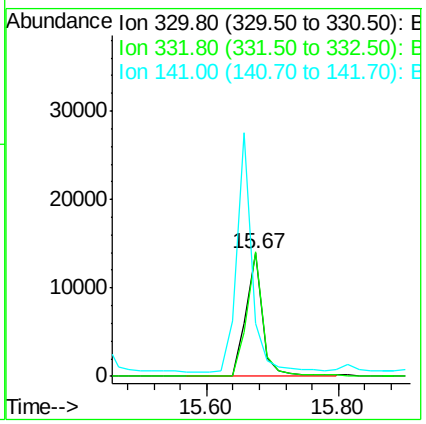


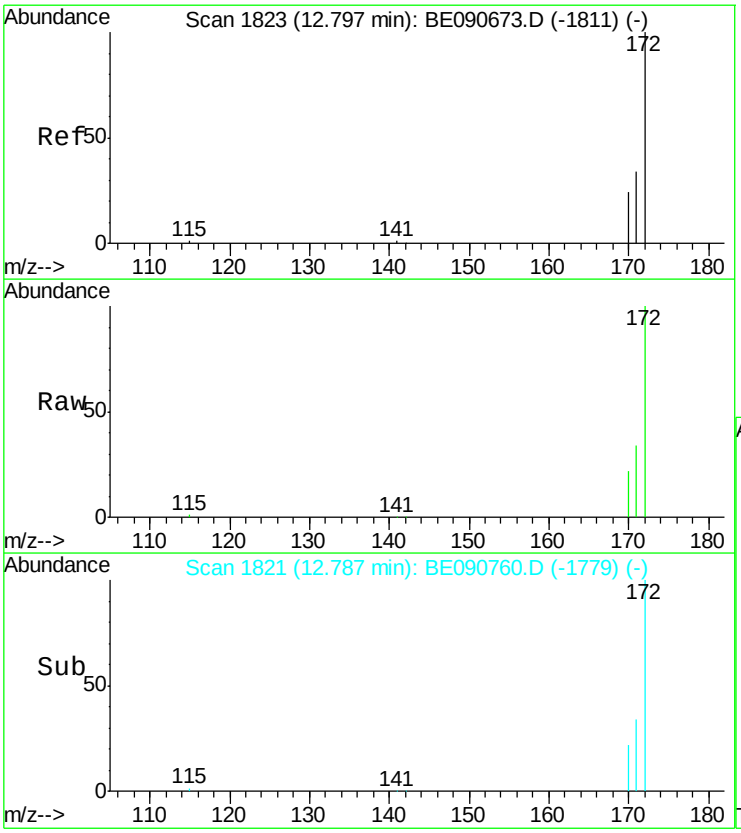
#13
2,4,6-Tribromophenol
Concen: 7.83 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:330 Resp: 24268

Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.9	112.3
141	178.2	145.2	217.8

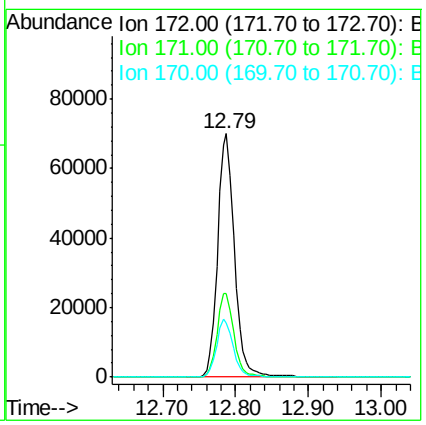


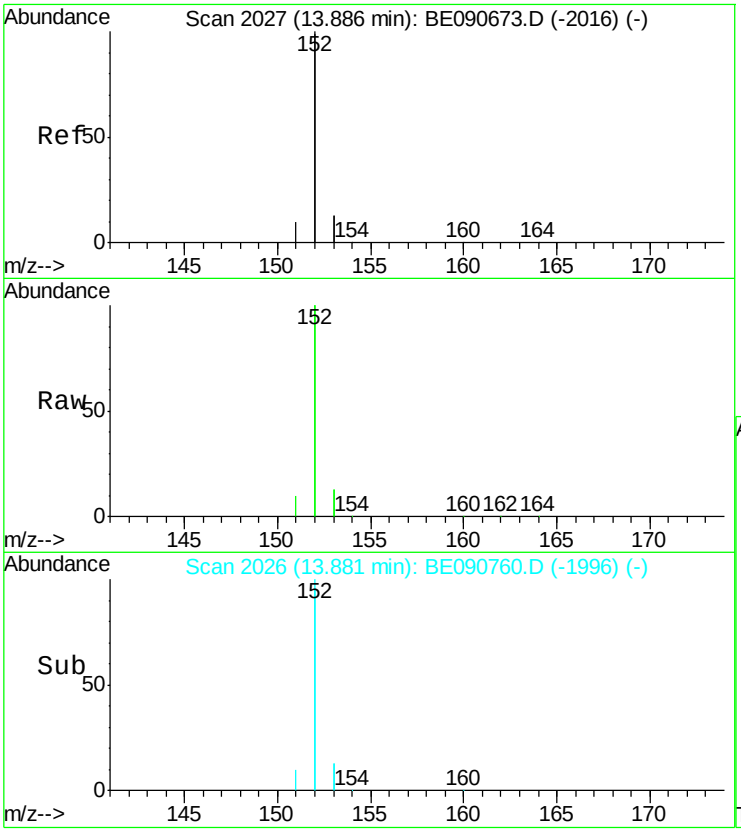


#14
2-Fluorobiphenyl
Concen: 3.82 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:172 Resp: 111865

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.5	19.8	29.6



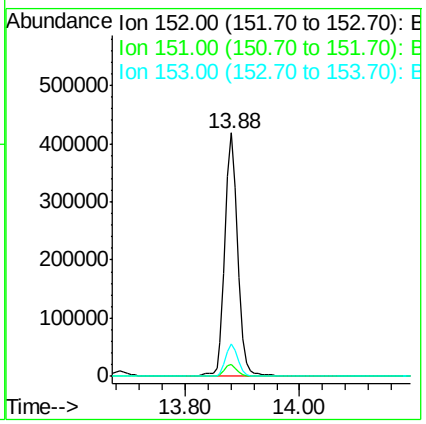


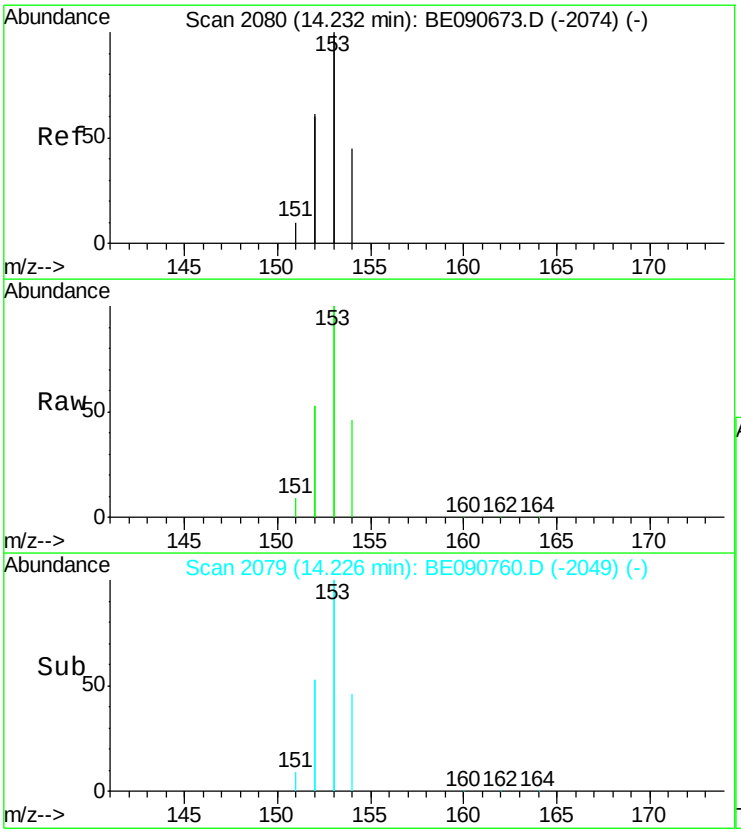
#15
Acenaphthylene
Concen: 3.80 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:152 Resp: 640813

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

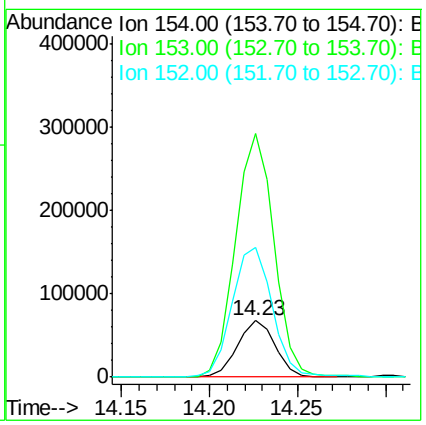


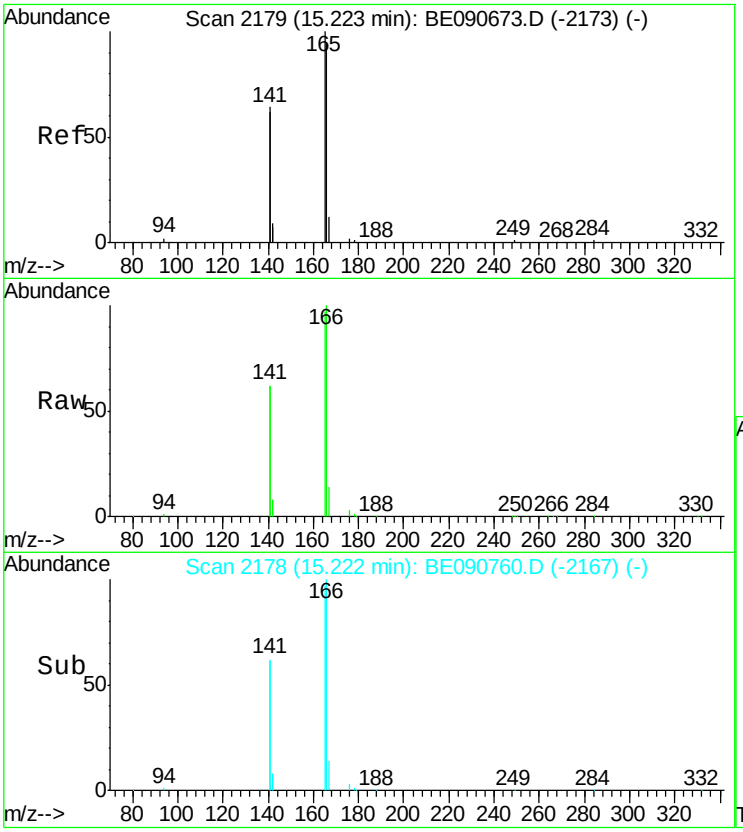


#16
Acenaphthene
Concen: 3.56 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:154 Resp: 100489

Ion	Ratio	Lower	Upper
154	100		
153	440.6	354.5	531.7
152	244.4	227.8	341.6



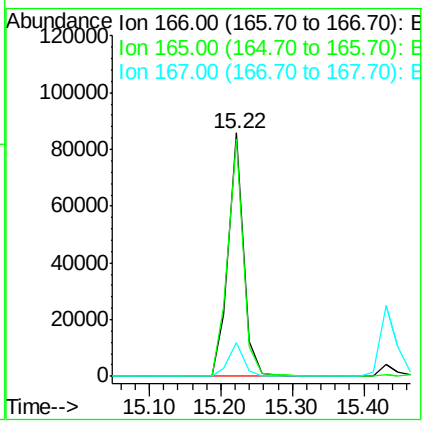


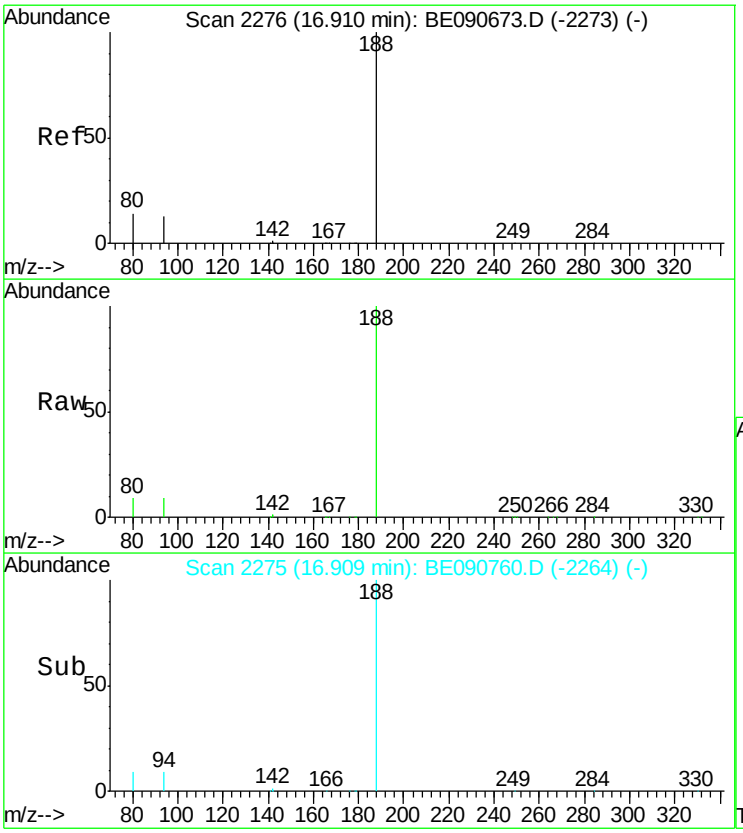
#17
Fluorene
Concen: 3.62 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:166 Resp: 127501

Ion	Ratio	Lower	Upper
166	100		
165	99.3	82.7	124.1
167	13.5	10.7	16.1

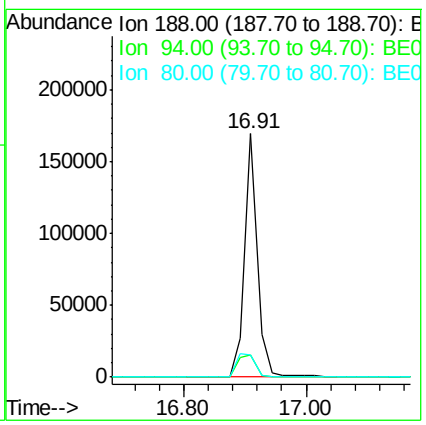


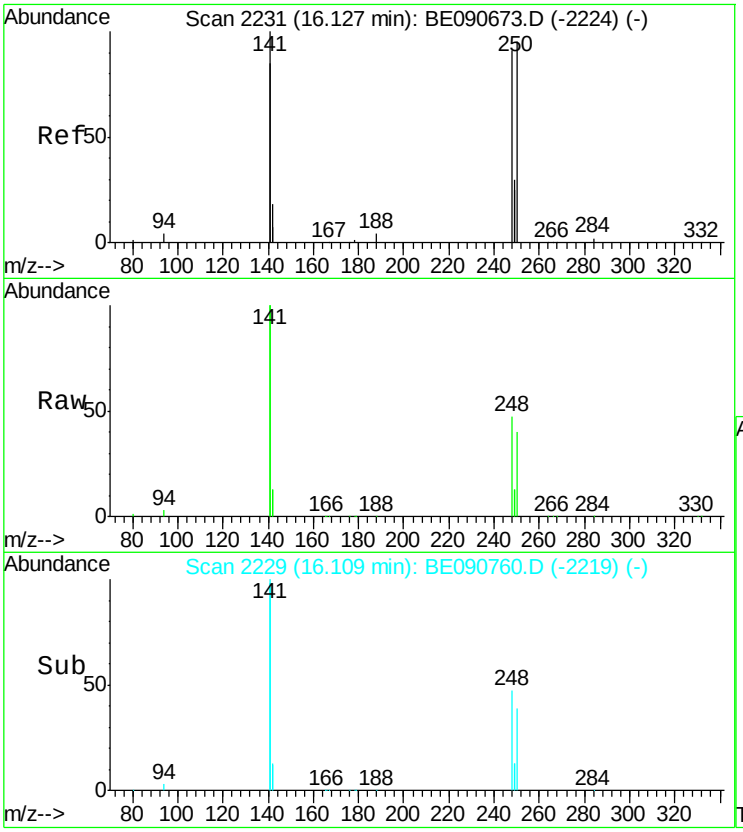


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:188 Resp: 243499

Ion	Ratio	Lower	Upper
188	100		
94	8.9	10.3	15.5#
80	9.2	11.0	16.6#



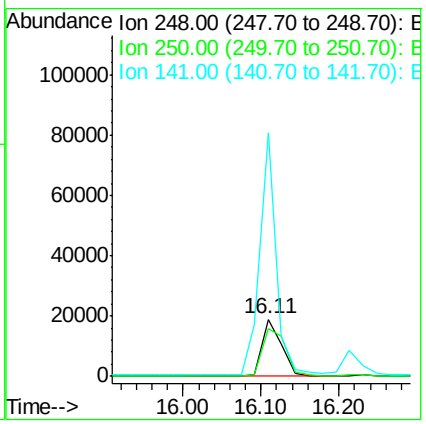


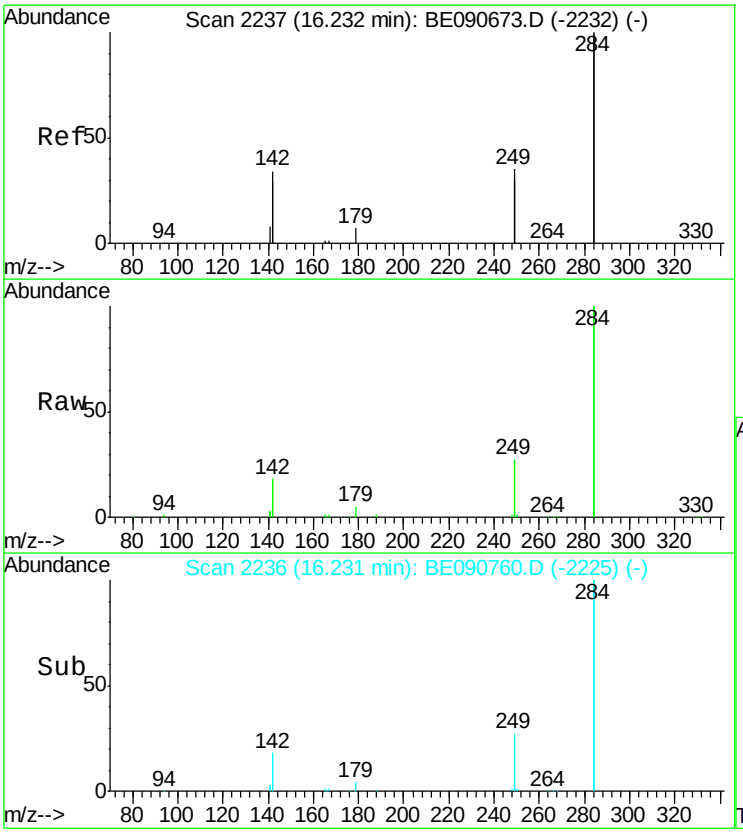
#19
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.11 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:248 Resp: 33192

Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.7	115.1
141	352.7	292.6	439.0

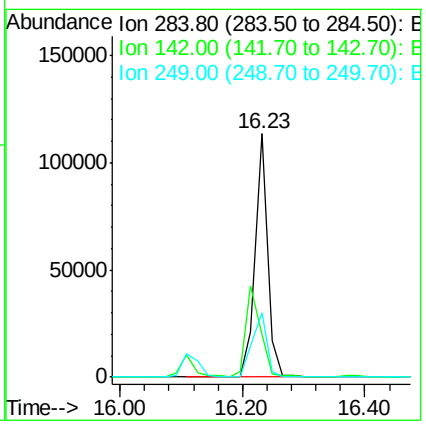


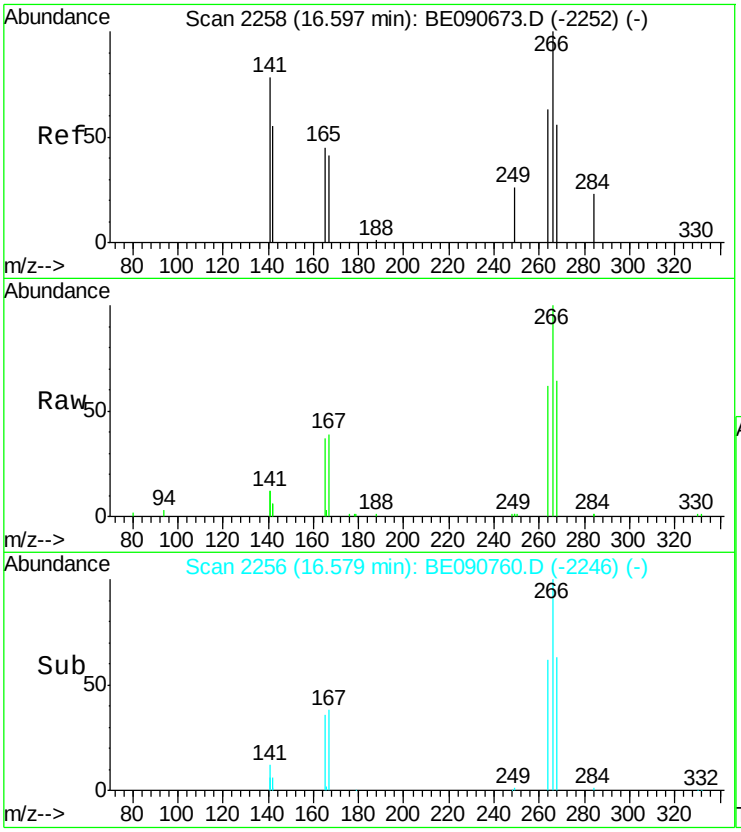


#20
Hexachlorobenzene
Concen: 4.00 ng
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:284 Resp: 159323

Ion	Ratio	Lower	Upper
284	100		
142	42.3	35.0	52.4
249	30.8	25.5	38.3



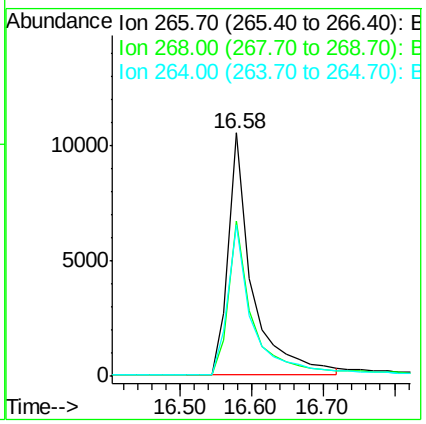


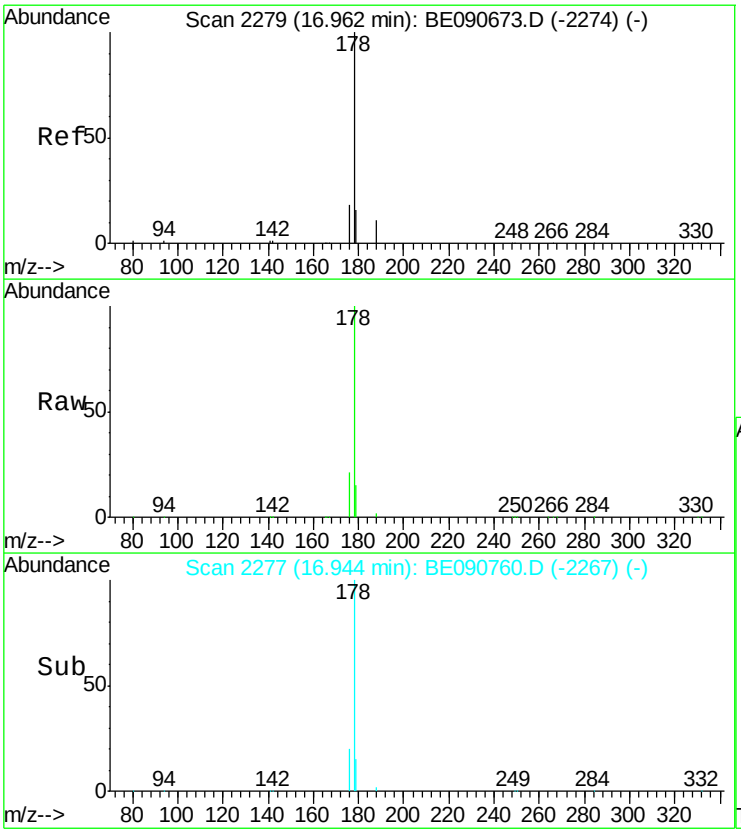
#21
Pentachlorophenol
Concen: 7.29 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:266 Resp: 24513

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.6	74.4
264	62.2	53.9	80.9

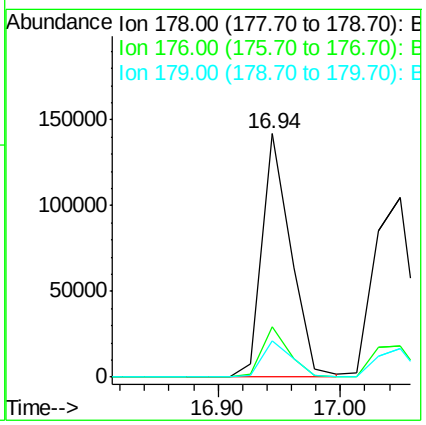


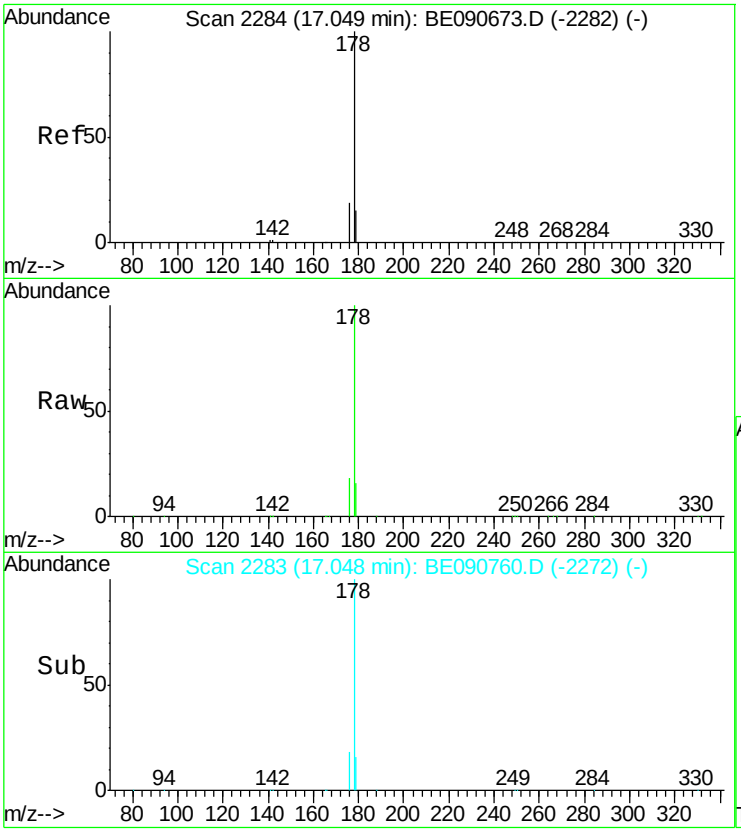


#22
Phenanthrene
Concen: 3.80 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:178 Resp: 228839

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.4	12.8	19.2



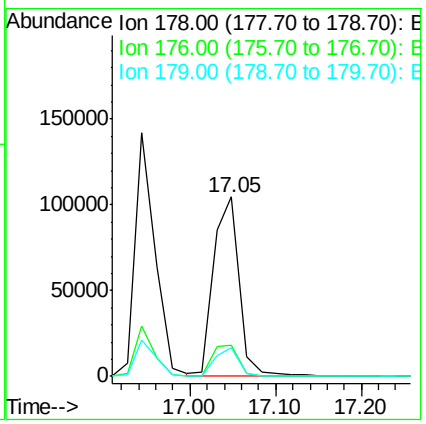


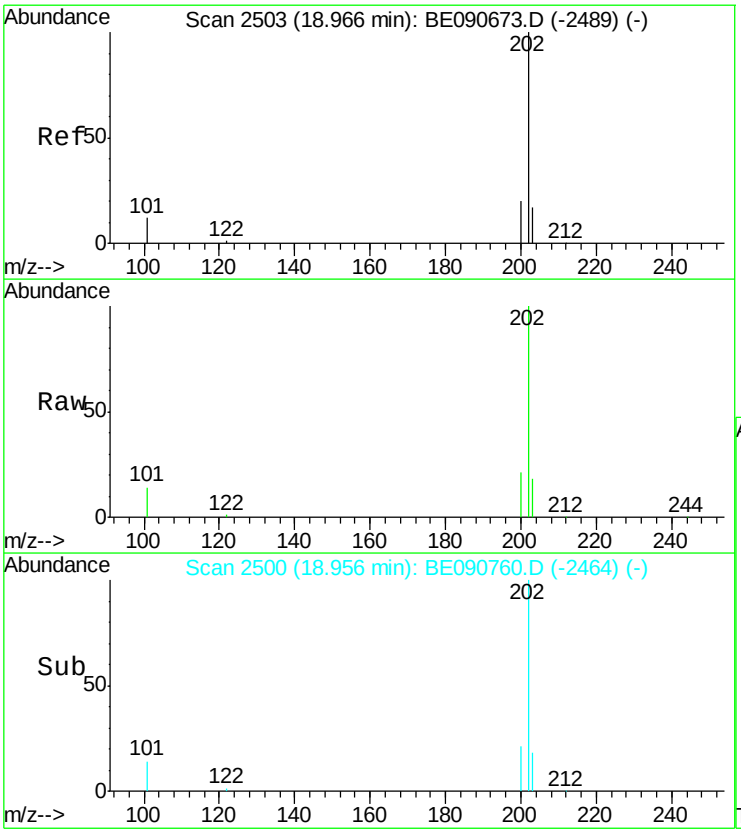
#23
Anthracene
Concen: 4.28 ng
RT: 17.05 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:178 Resp: 215855

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.3	18.5

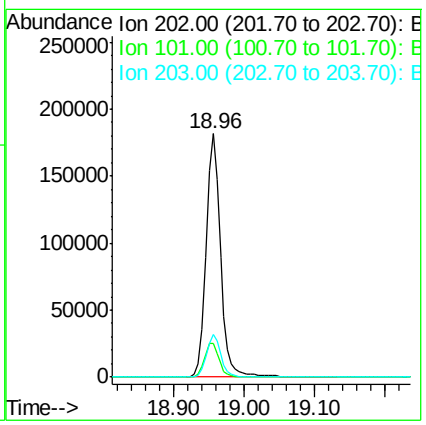


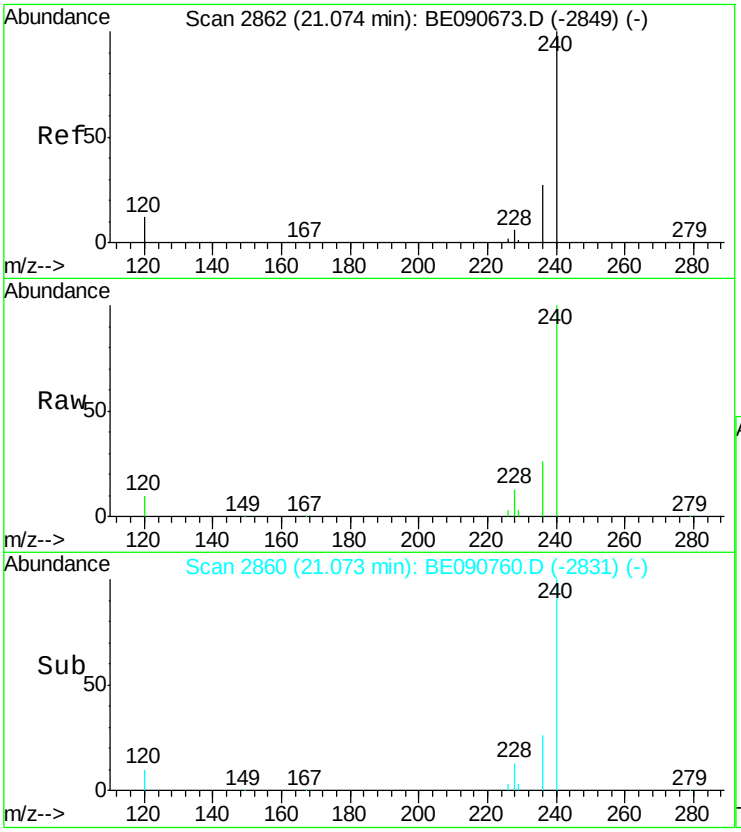


#24
Fluoranthene
Concen: 4.08 ng
RT: 18.96 min Scan# 2500
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:202 Resp: 258961

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.0	16.6
203	17.3	13.9	20.9



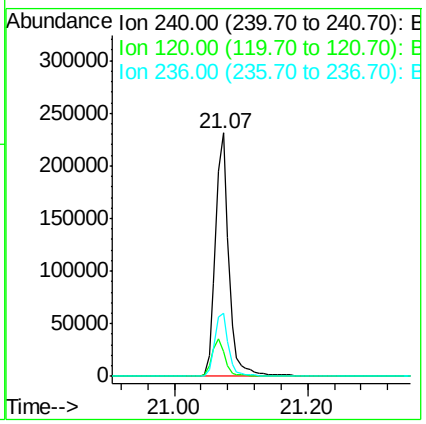


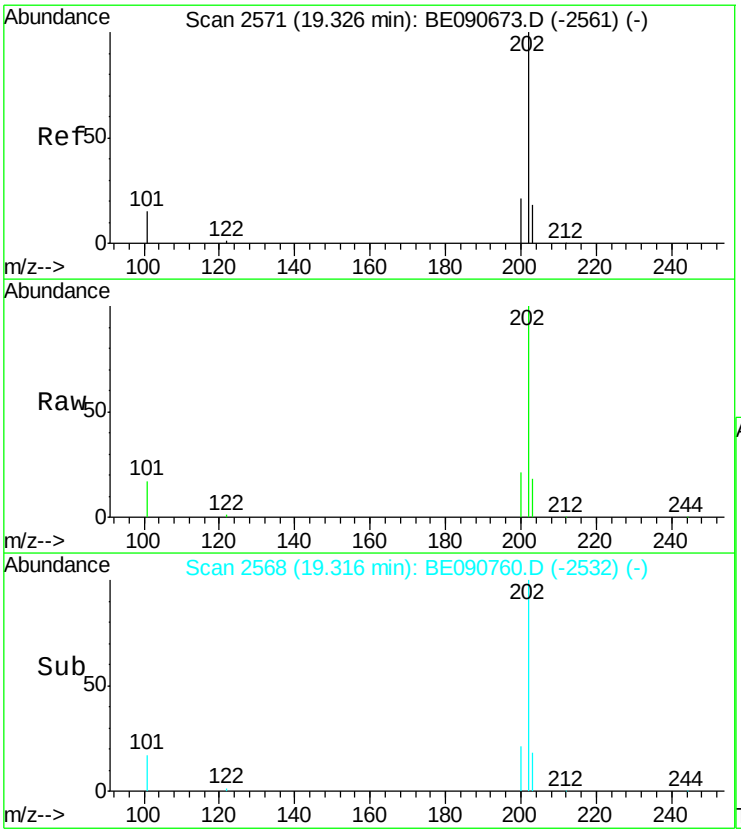
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:240 Resp: 319065

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.1	15.1
236	26.0	21.9	32.9

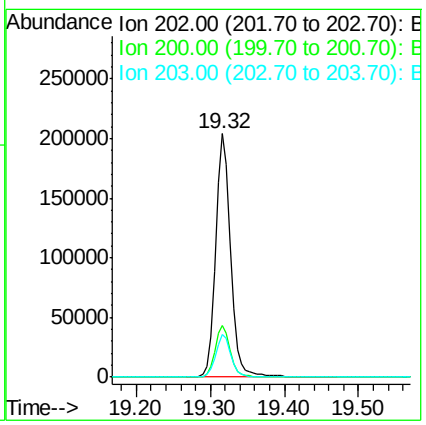


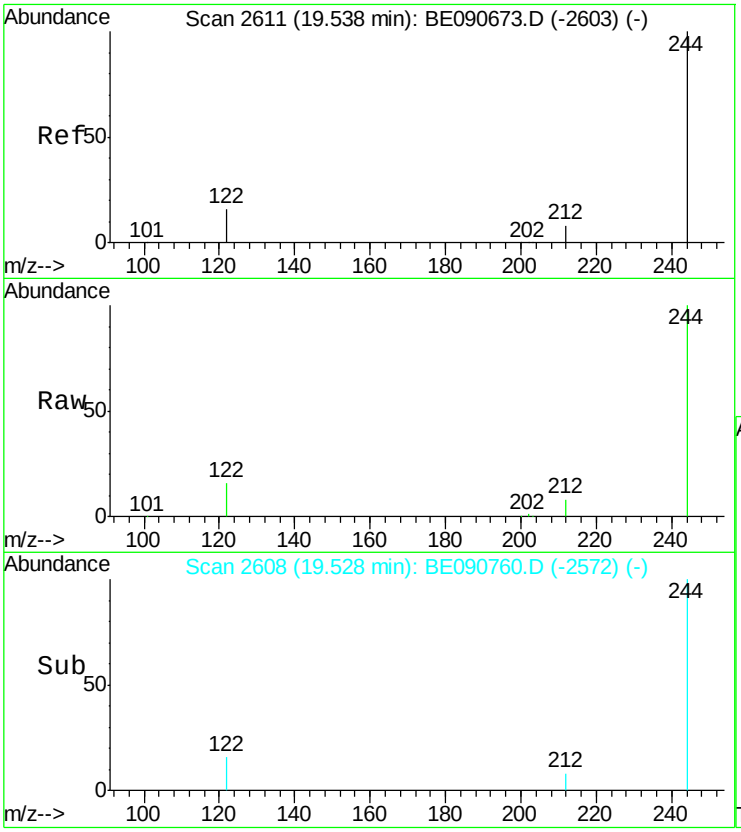


#26
Pyrene
Concen: 4.40 ng
RT: 19.32 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:202 Resp: 290582

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.0	13.8	20.6



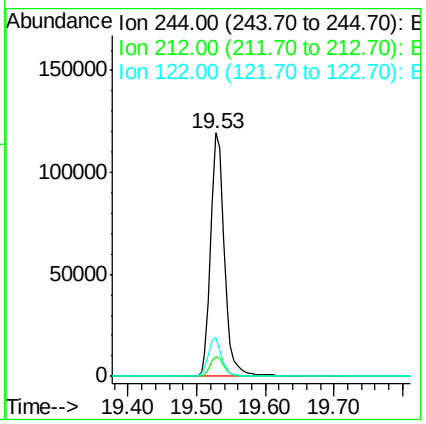


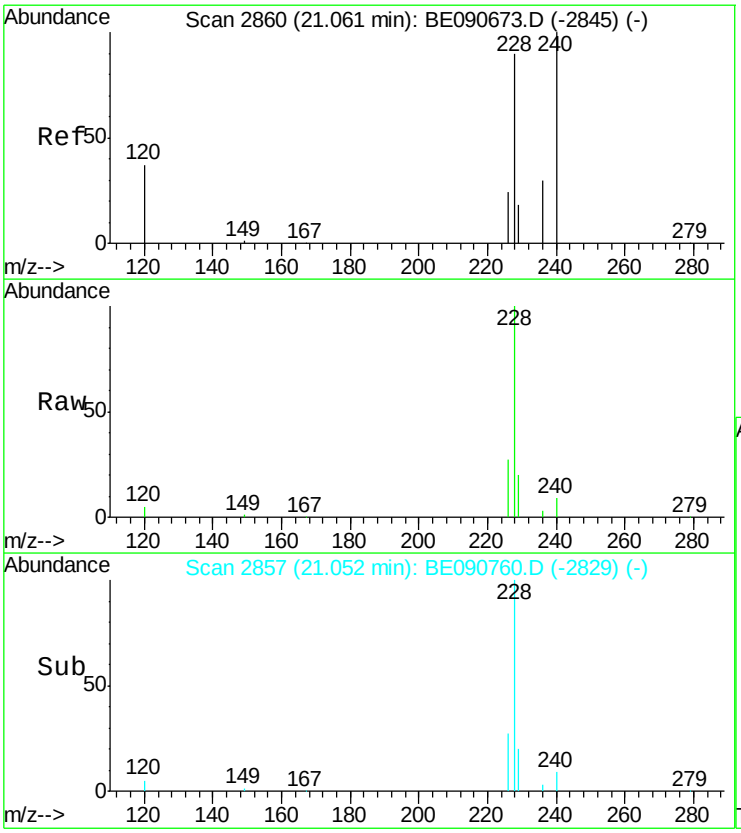
#27
Terphenyl-d14
Concen: 4.61 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:244 Resp: 162588

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	15.9	12.9	19.3

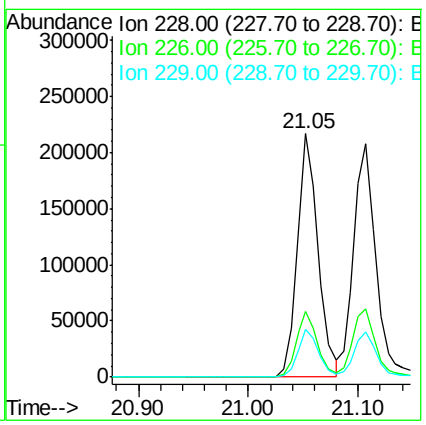


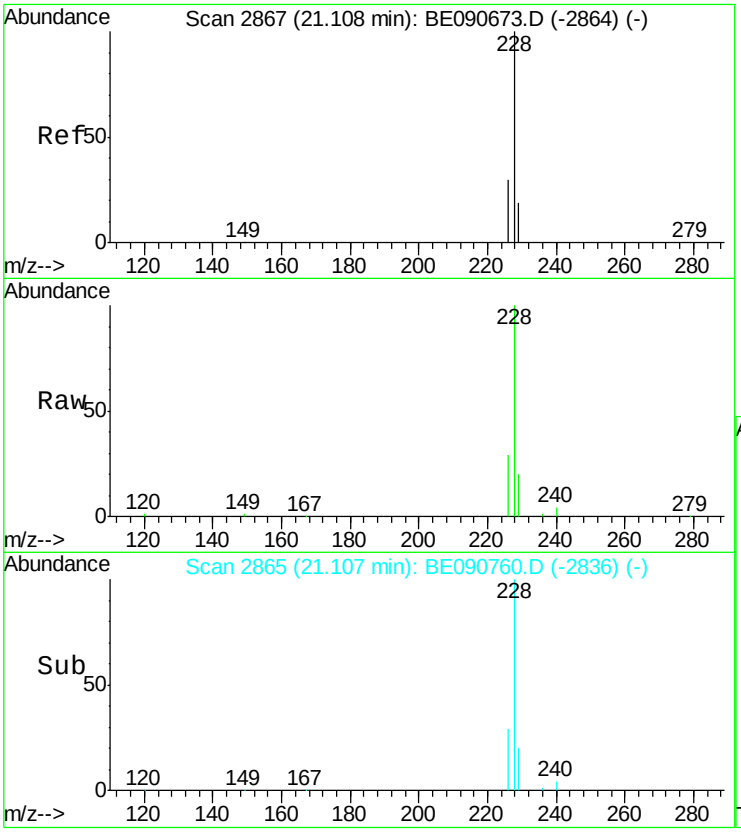


#28
Benzo(a)anthracene
Concen: 4.09 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:228 Resp: 286450

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.6	32.4
229	19.6	15.9	23.9



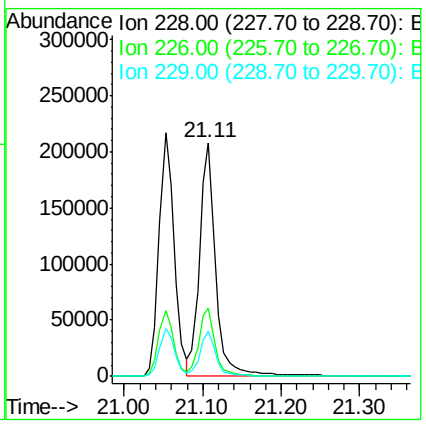


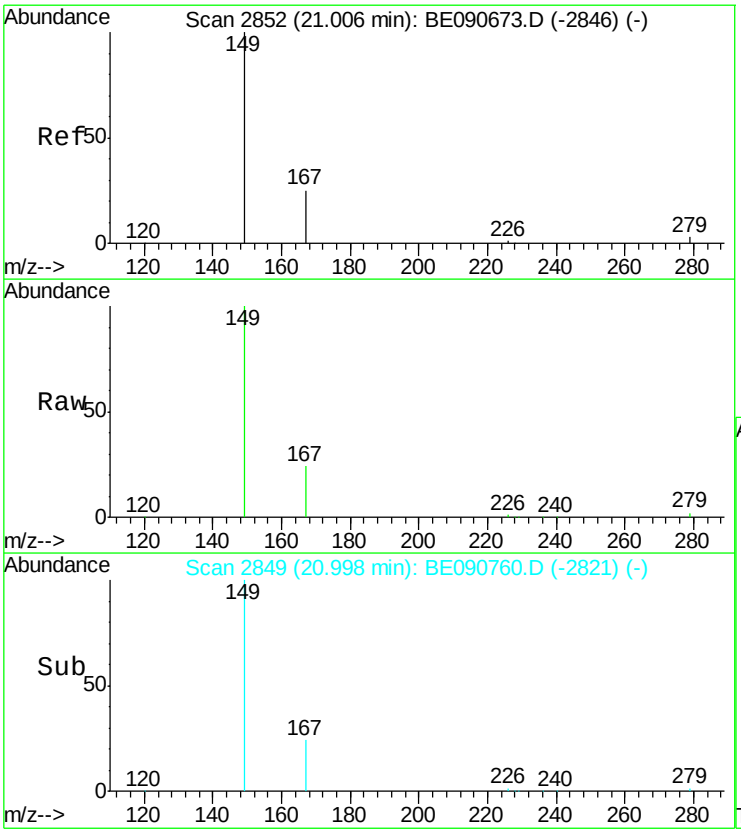
#29
Chrysene
Concen: 4.02 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:228 Resp: 296660

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	19.6	15.3	22.9

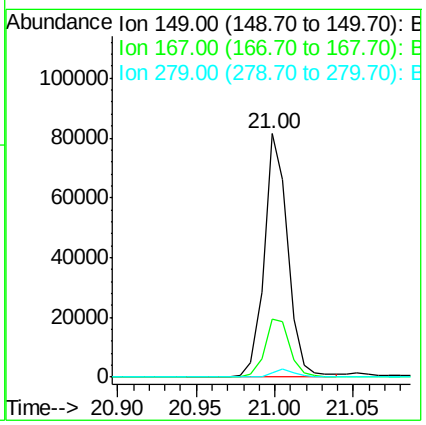


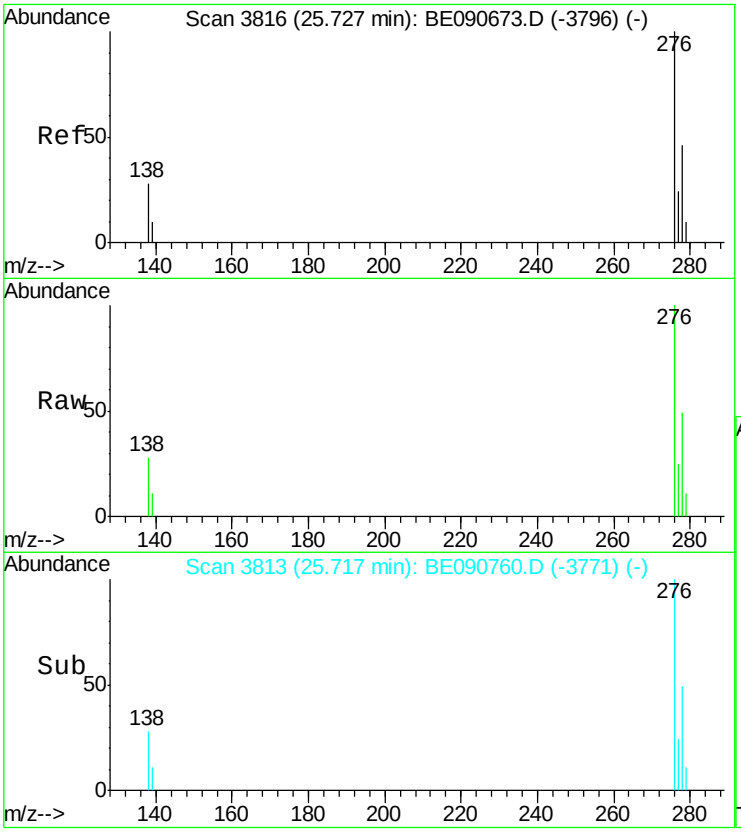


#30
Bis(2-ethylhexyl)phthalate
Concen: 3.73 ng
RT: 21.00 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:149 Resp: 83768

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.1	30.1
279	3.0	2.3	3.5



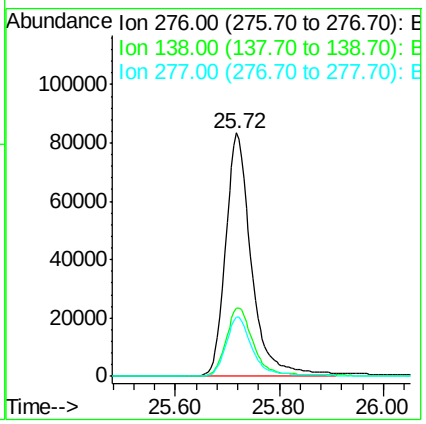


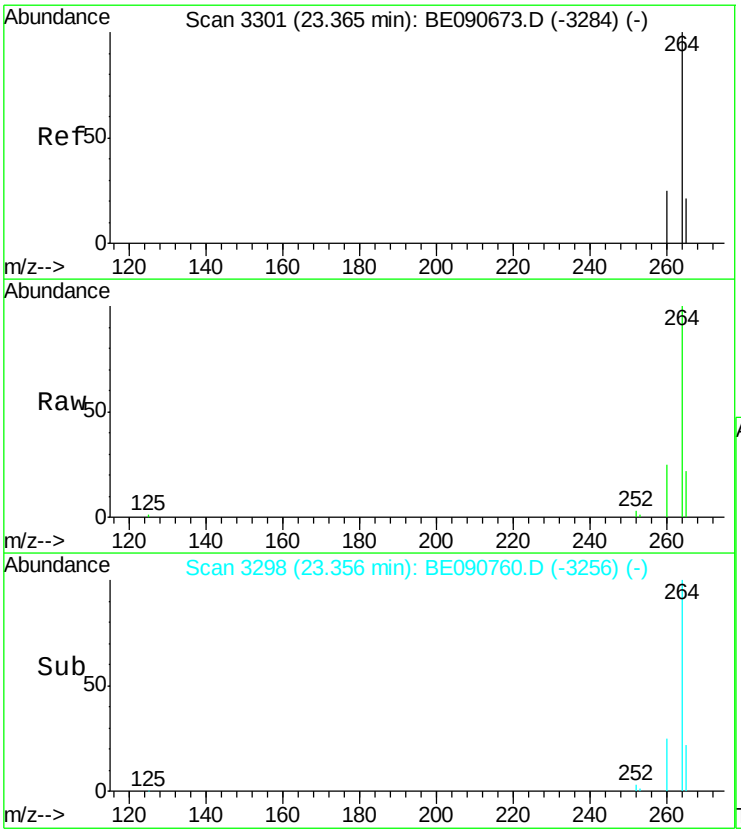
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.81 ng
RT: 25.72 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:276 Resp: 287093

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.3	34.9
277	24.9	19.8	29.6

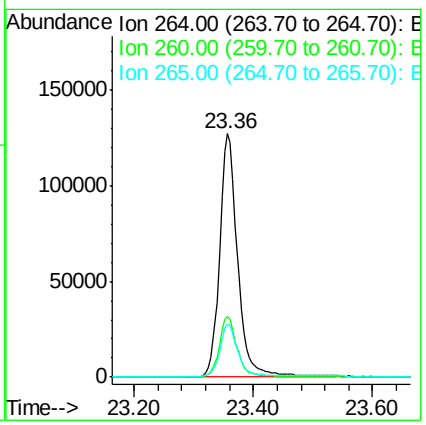


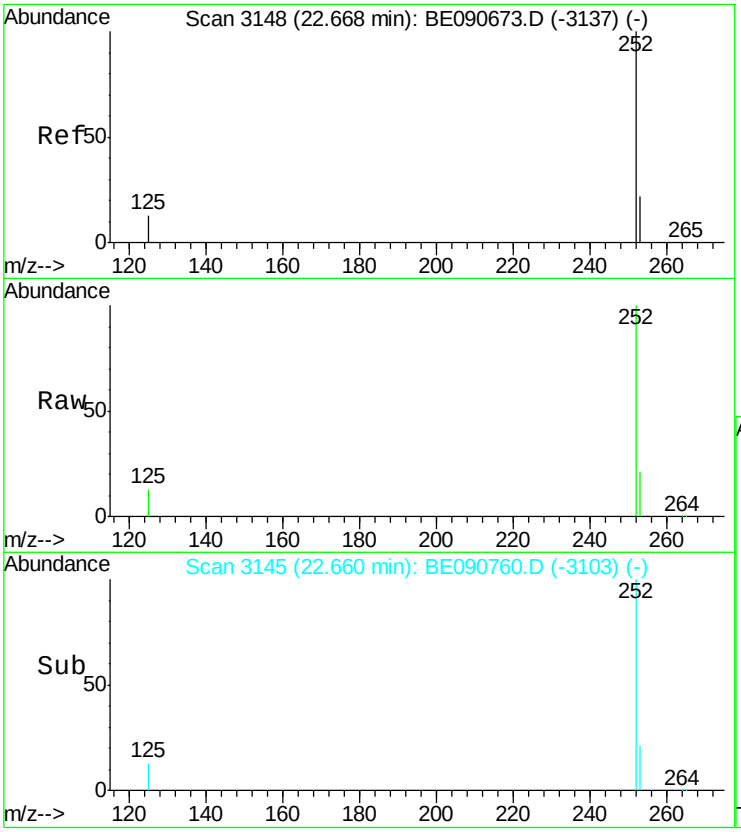


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:264 Resp: 268498

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.9	17.5	26.3



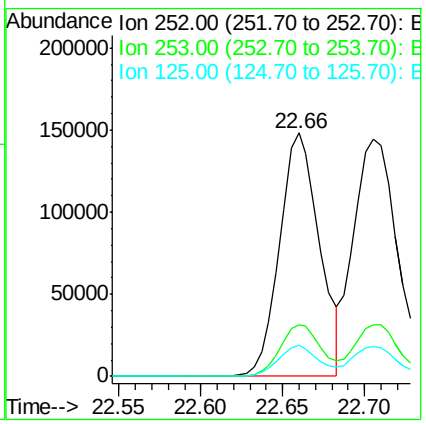


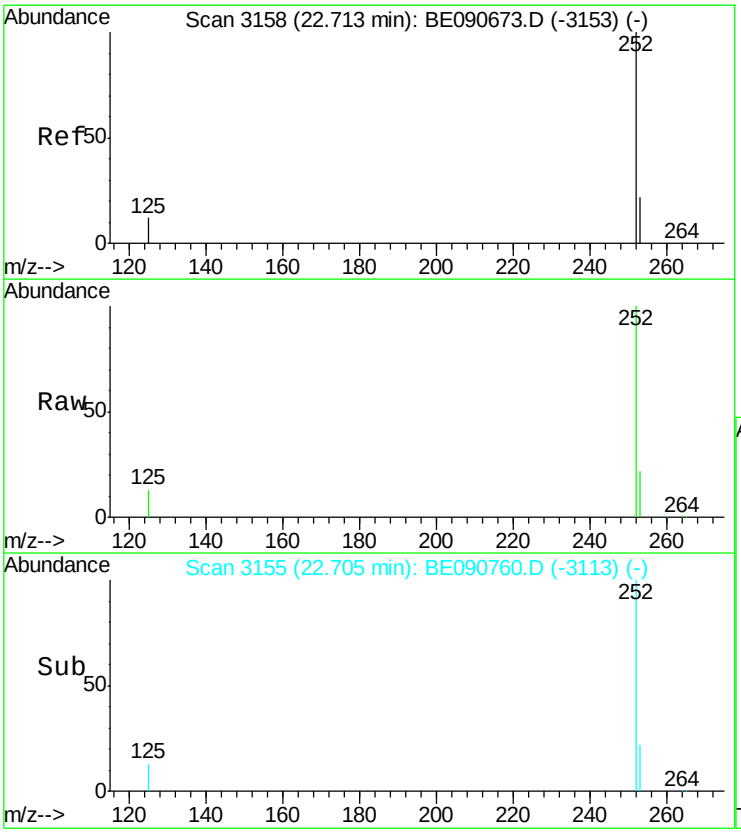
#33
Benzo(b)fluoranthene
Concen: 4.31 ng
RT: 22.66 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:252 Resp: 250888

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.6	10.6	16.0

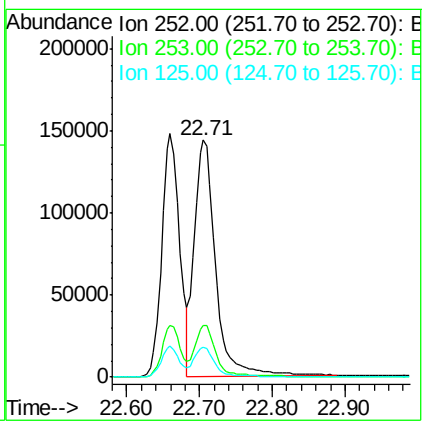


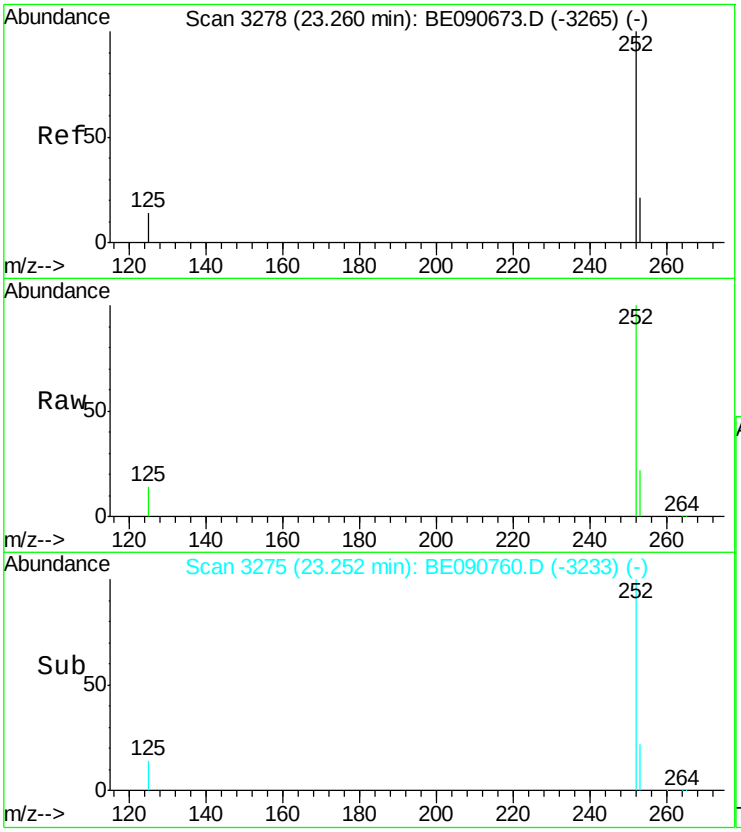


#34
Benzo(k)fluoranthene
Concen: 4.26 ng
RT: 22.71 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:252 Resp: 288779

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



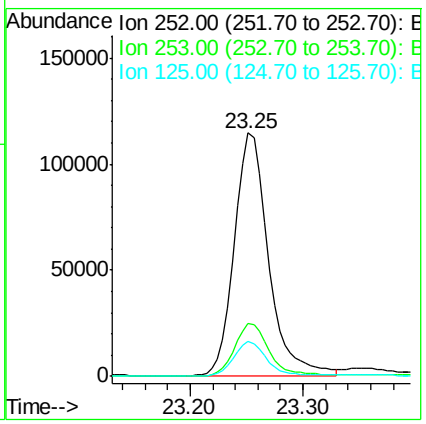


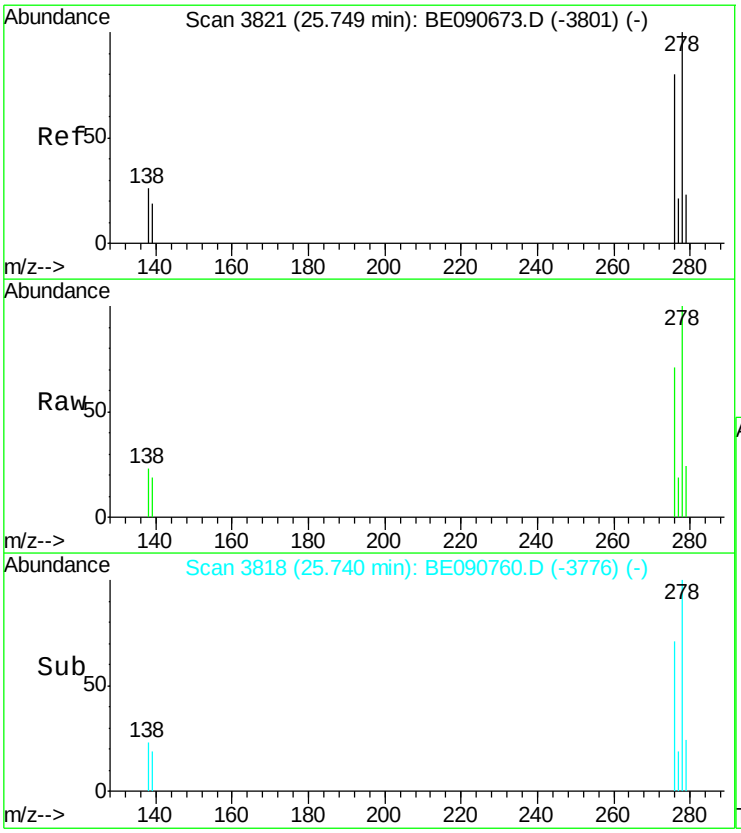
#35
Benzo(a)pyrene
Concen: 4.51 ng
RT: 23.25 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:252 Resp: 234679

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.2	11.6	17.4

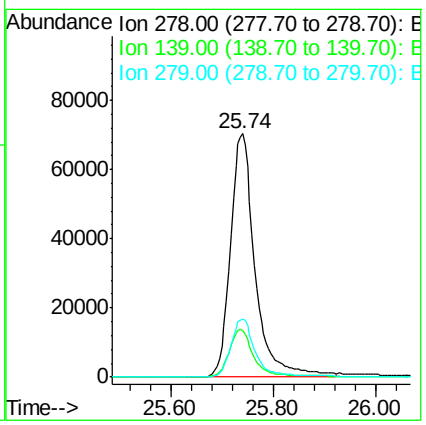


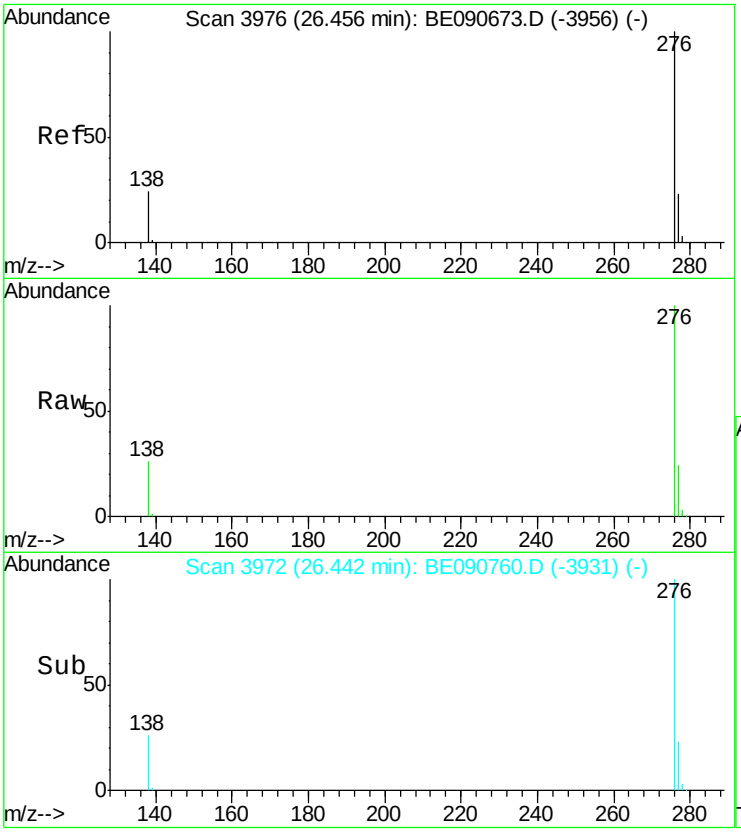


#36
Dibenzo(a,h)anthracene
Concen: 3.76 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Tgt Ion:278 Resp: 236290

Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.0
279	23.9	18.8	28.2





#37
Benzo(g,h,i)perylene
Concen: 4.10 ng
RT: 26.44 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BE090760.D
Acq: 10 Sep 2015 14:29

Instrument :
BNA_E
ClientSampleId :
PB85478BSD

Tgt Ion:276 Resp: 245598

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	26.0	20.1	30.1