Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070115\
Data File : BE090043.D
Acq On : 1 Jul 2015 15:05
Operator : TP/IZ
Sample : G2810-26DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0520006-150625DL

Quant Time: Jul 02 05:14:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	17764	5.00	ng		-0.01
6) Naphthalene-d8	10.37	136	78518	5.00	ng		-0.02
12) Acenaphthene-d10	14.22	164	45826	5.00	ng		-0.01
18) Phenanthrene-d10	16.96	188	106575	5.00	ng		-0.02
25) Chrysene-d12	21.12	240	132714	5.00	ng		-0.01
32) Perylene-d12	23.44	264	125802	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2212	0.54	ng		-0.01
5) Phenol-d6	6.79	99	3161	0.55	ng		-0.01
7) Nitrobenzene-d5	8.75	82	1947	0.31	ng		-0.01
13) 2,4,6-Tribromophenol	15.73	330	496	0.37	ng		0.00
14) 2-Fluorobiphenyl	12.85	172	4691	0.34	ng		0.00
27) Terphenyl-d14	19.58	244	7263	0.33	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.41	128	1489	0.08	ng	#	90
16) Acenaphthene	14.29	154	984	0.08	ng		93
17) Fluorene	15.27	166	703	0.04	ng	#	81
21) Pentachlorophenol	16.63	266	10	0.26	ng	#	57
22) Phenanthrene	17.00	178	25632	0.94	ng		99
23) Anthracene	17.00	178	25633	1.03	ng		98
24) Fluoranthene	19.00	202	87279	2.86	ng		100
26) Pyrene	19.36	202	82661	2.61	ng		97
28) Benzo(a)anthracene	21.11	228	62348	1.88	ng		97
29) Chrysene	21.15	228	68966	2.00	ng		98
30) Bis(2-ethylhexyl)phthalate	21.05	149	209	0.32	ng	#	82
31) Indeno(1,2,3-cd)pyrene	25.83	276	34751	1.05	ng		97
33) Benzo(b)fluoranthene	22.73	252	88158	3.18	ng		98
34) Benzo(k)fluoranthene	22.73	252	88158	2.84	ng		98
35) Benzo(a)pyrene	23.33	252	57556	2.25	ng		98
36) Dibenzo(a,h)anthracene	25.85	278	8846	0.34	ng		97
37) Benzo(g,h,i)perylene	26.57	276	35937	1.35	ng		98

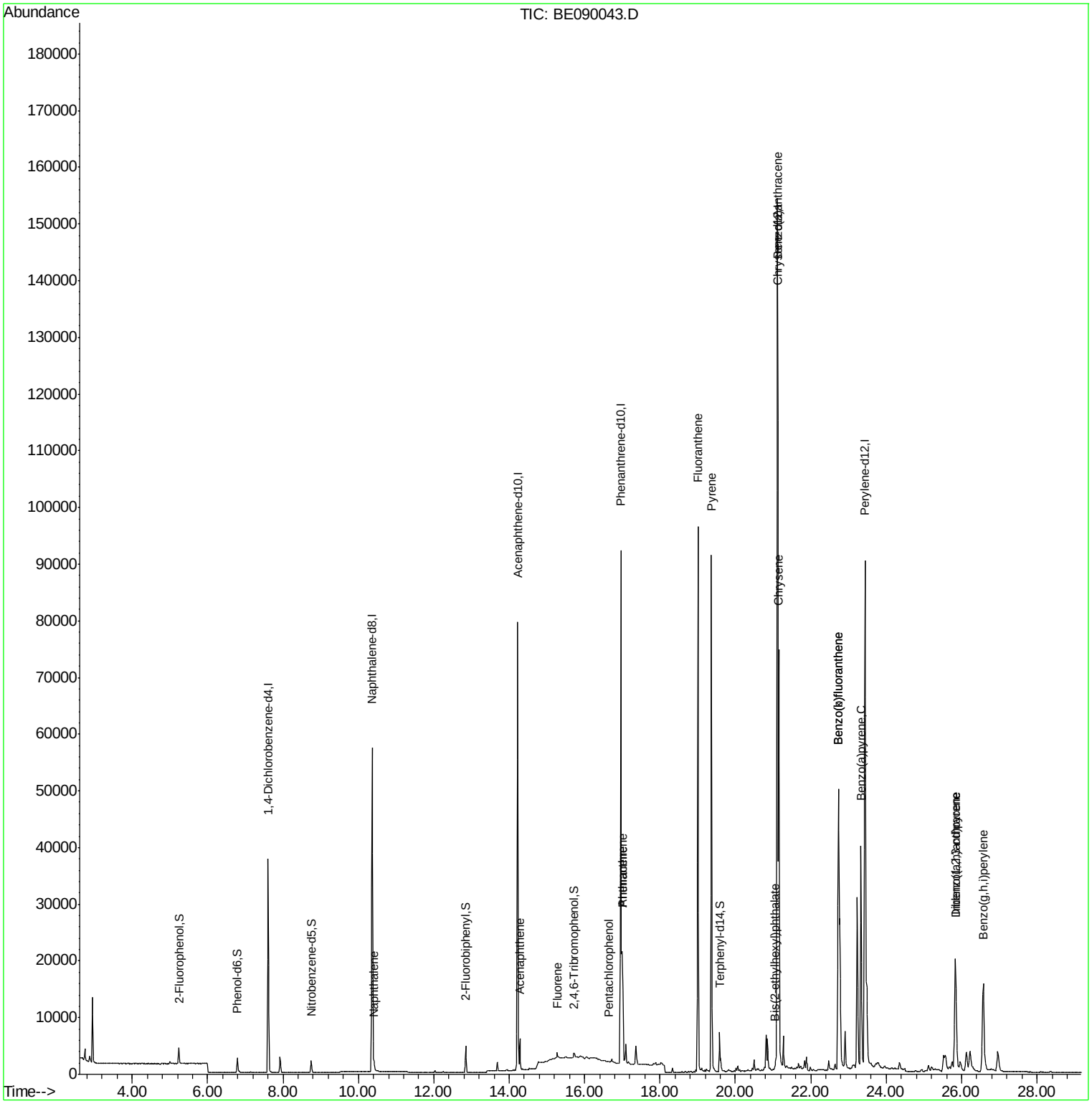
(#) = qualifier out of range (m) = manual integration (+) = signals summed

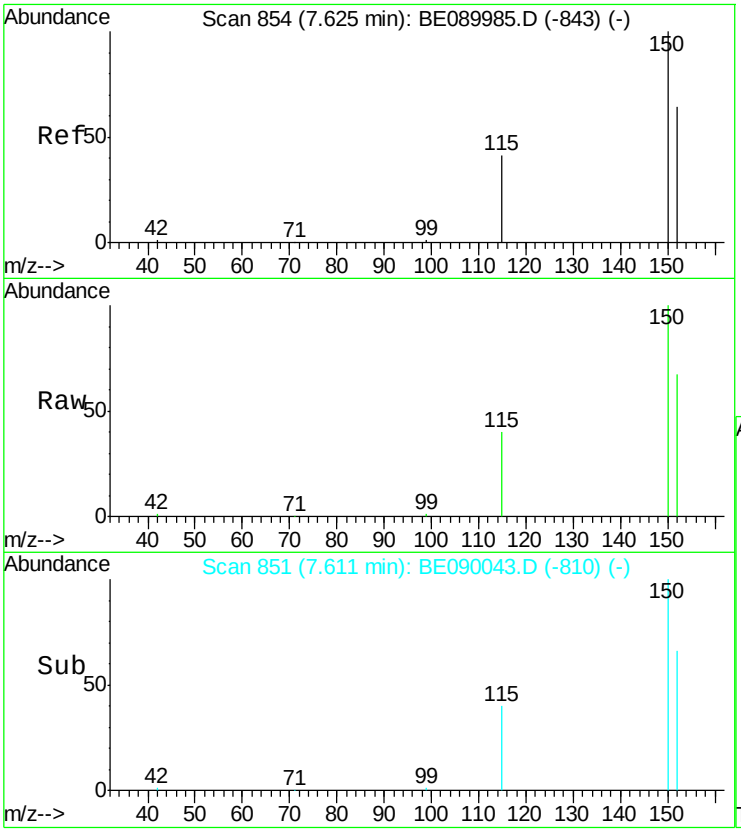
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070115\
Data File : BE090043.D
Acq On : 1 Jul 2015 15:05
Operator : TP/IZ
Sample : G2810-26DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Quant Time: Jul 02 05:14:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration



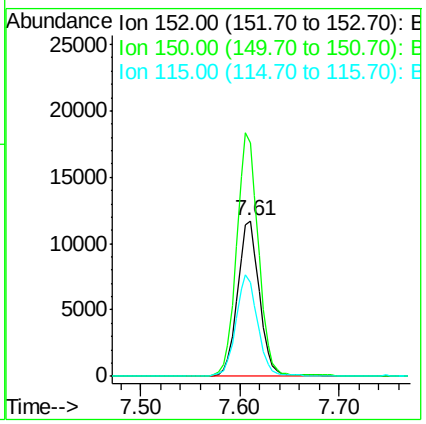


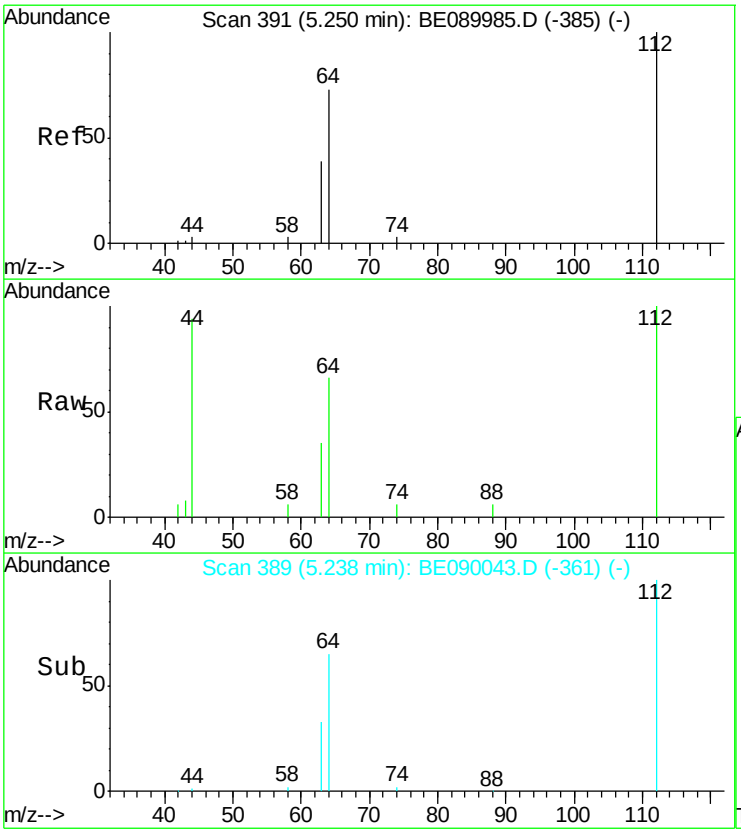
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 851
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:152 Resp: 17764

Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.9	185.9
115	60.2	50.6	76.0

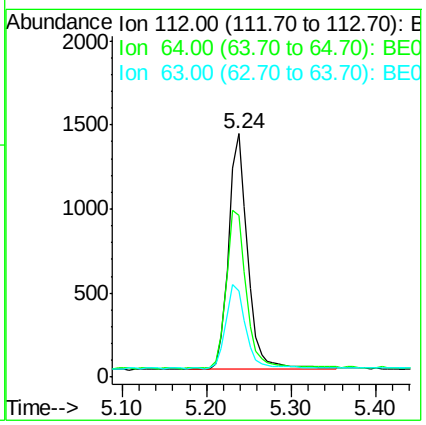


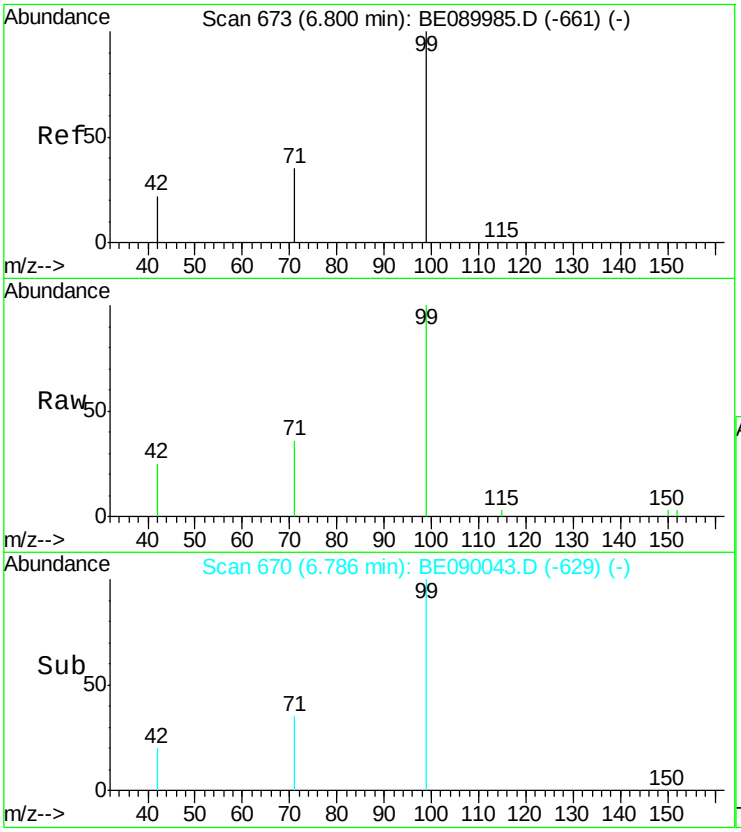


#4
2-Fluorophenol
Concen: 0.54 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:112 Resp: 2212

Ion	Ratio	Lower	Upper
112	100		
64	70.3	56.3	84.5
63	36.8	29.8	44.6



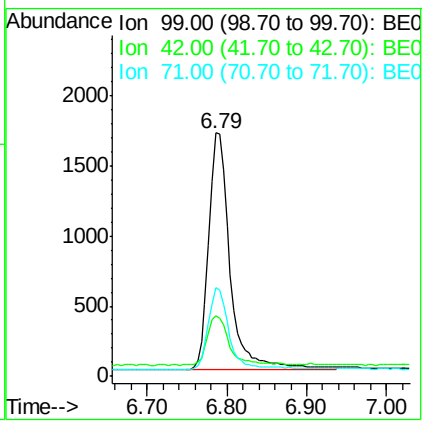


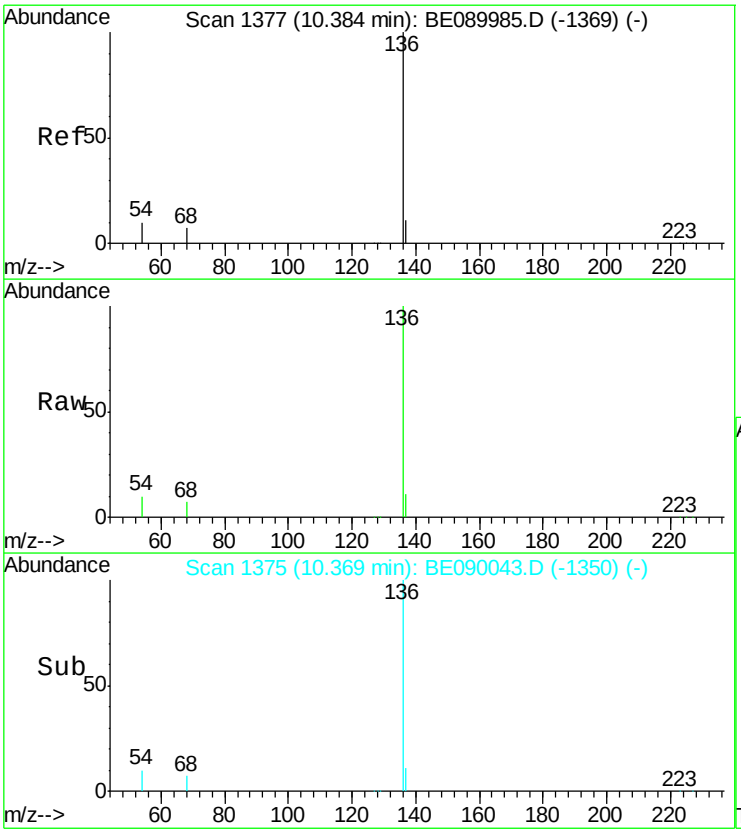
#5
Phenol-d6
Concen: 0.55 ng
RT: 6.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion: 99 Resp: 3161

Ion	Ratio	Lower	Upper
99	100		
42	20.9	18.7	28.1
71	33.2	27.5	41.3

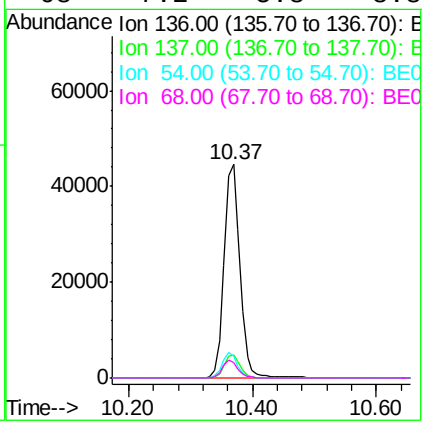


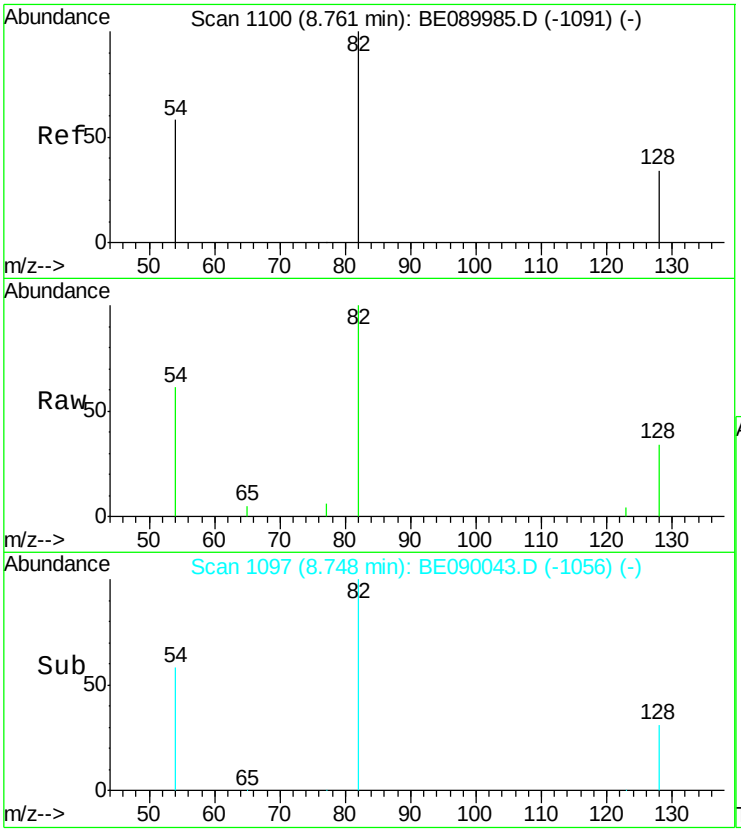


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:136 Resp: 78518

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	8.2	12.4
68	7.2	5.8	8.8



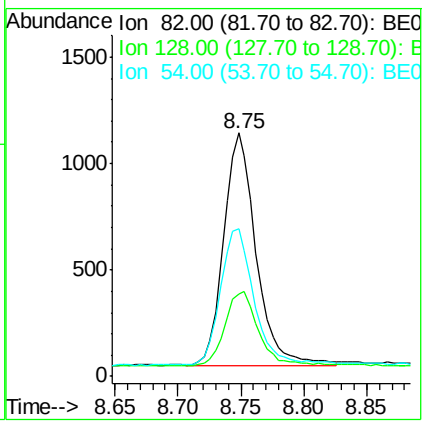


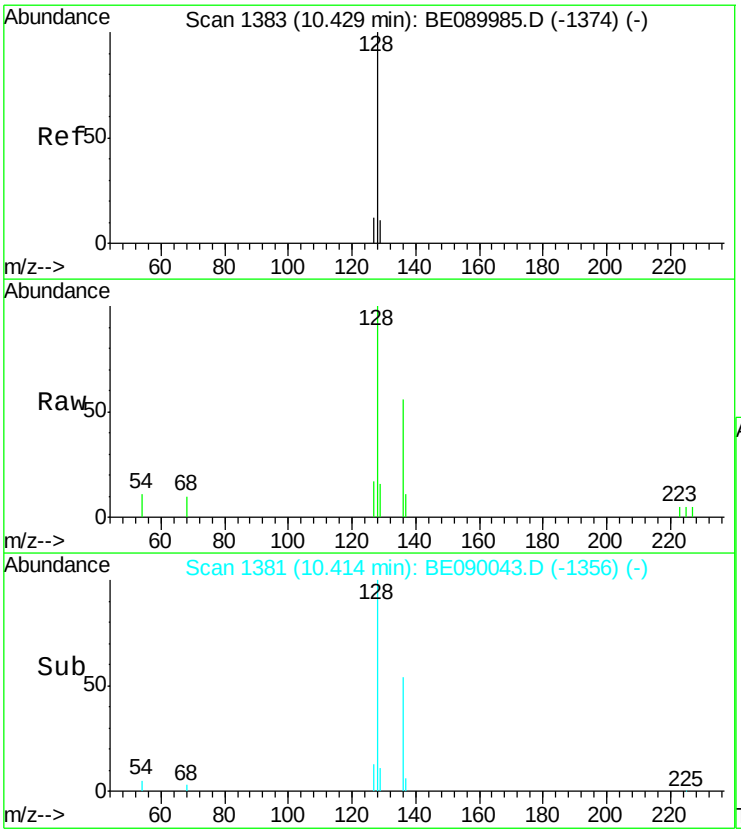
#7
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.75 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion: 82 Resp: 1947

Ion	Ratio	Lower	Upper
82	100		
128	33.8	28.0	42.0
54	60.6	47.6	71.4

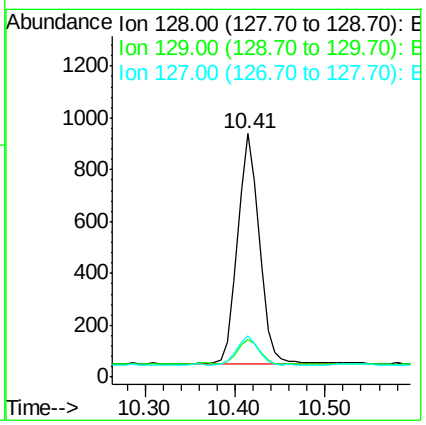


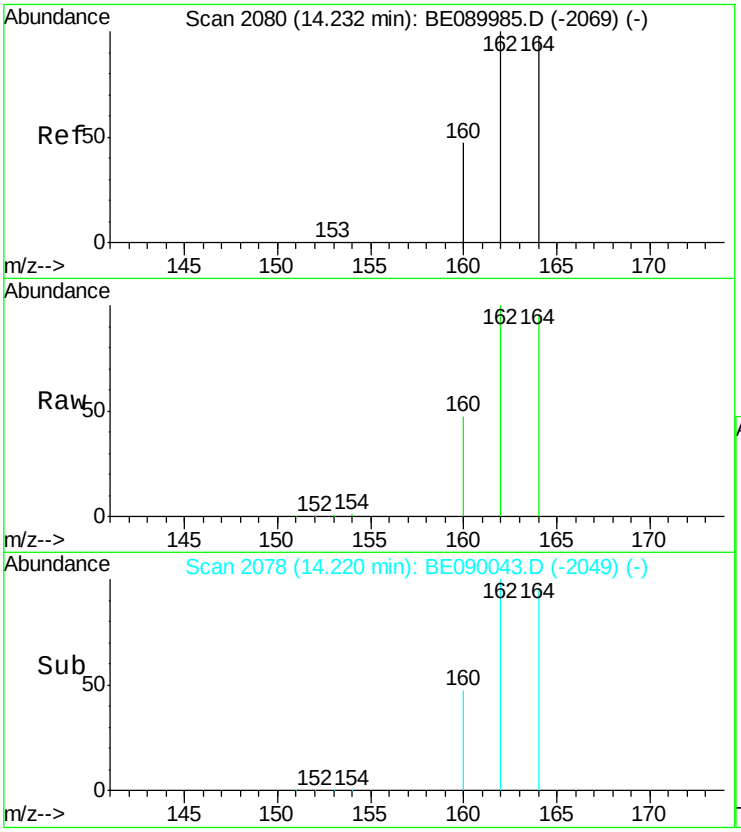


#9
Naphthalene
Concen: 0.08 ng
RT: 10.41 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:128 Resp: 1489

Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.3	13.9#
127	16.8	10.2	15.4#



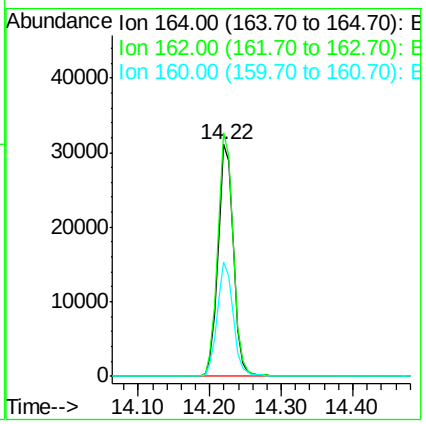


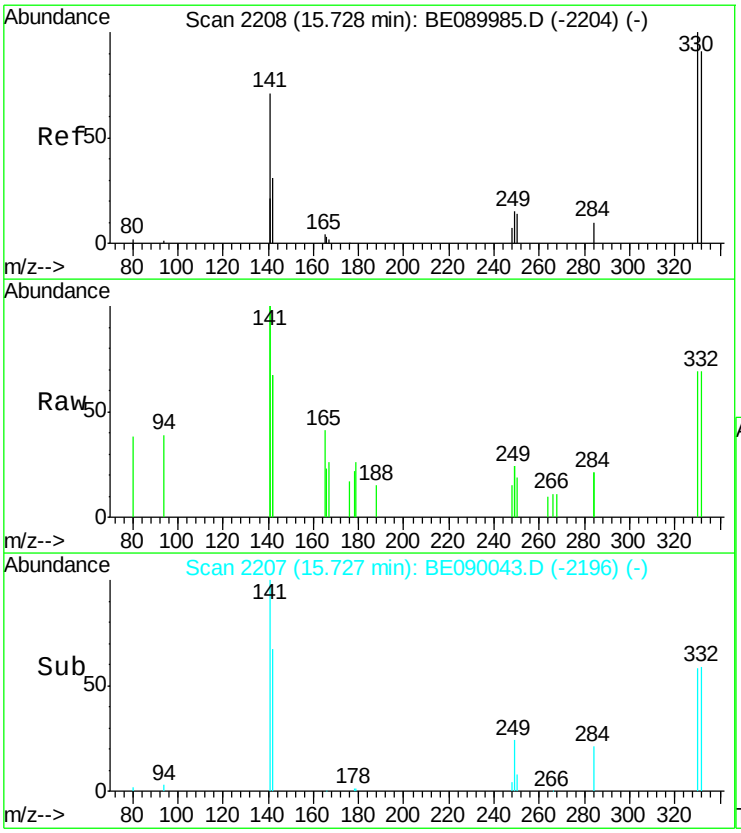
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:164 Resp: 45826

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.4
160	49.2	39.0	58.6

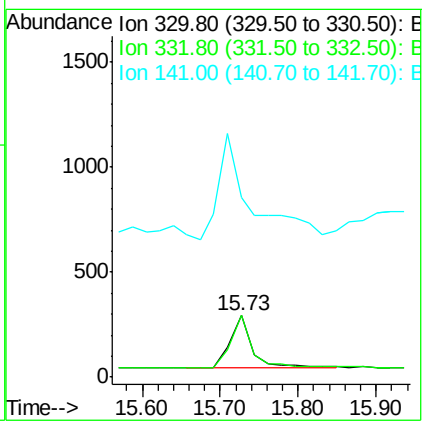


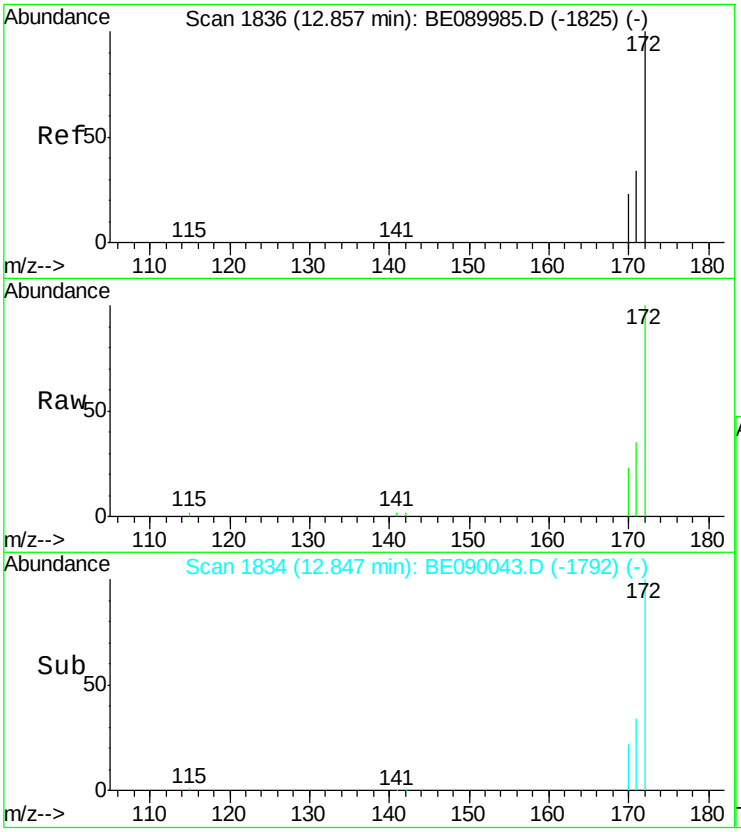


#13
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.73 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:330 Resp: 496

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.4	114.6
141	287.1	130.3	195.5#



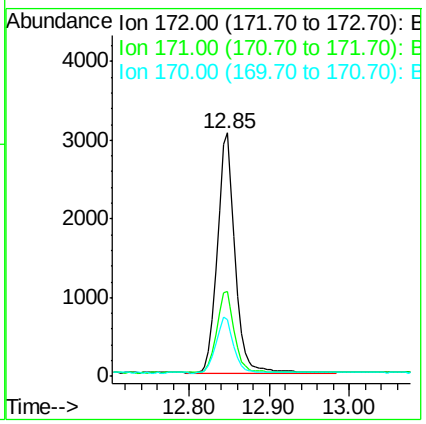


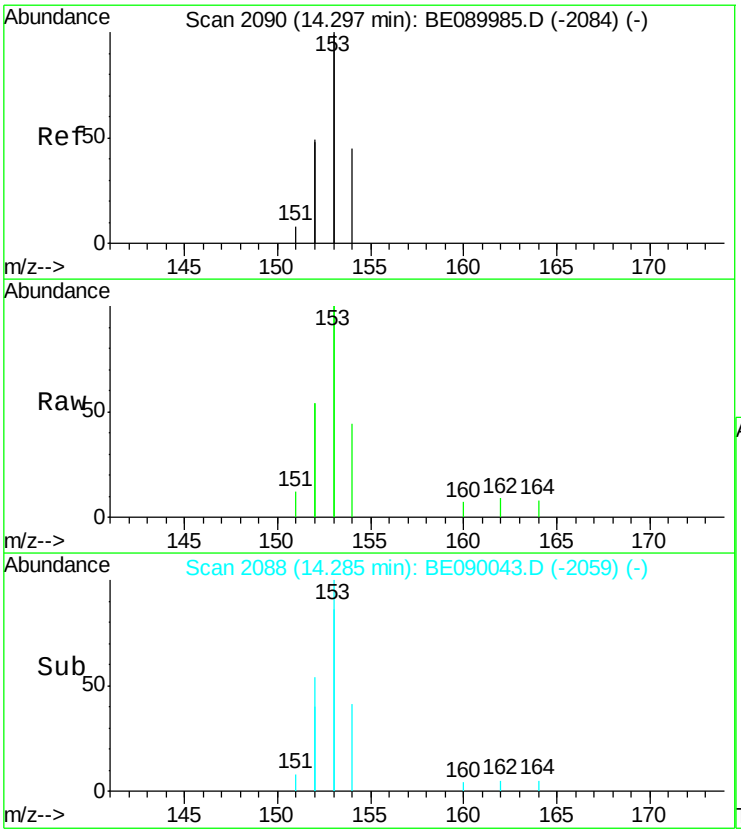
#14
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.85 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:172 Resp: 4691

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.3	27.5

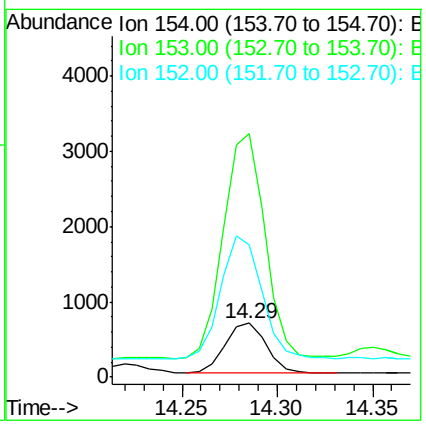


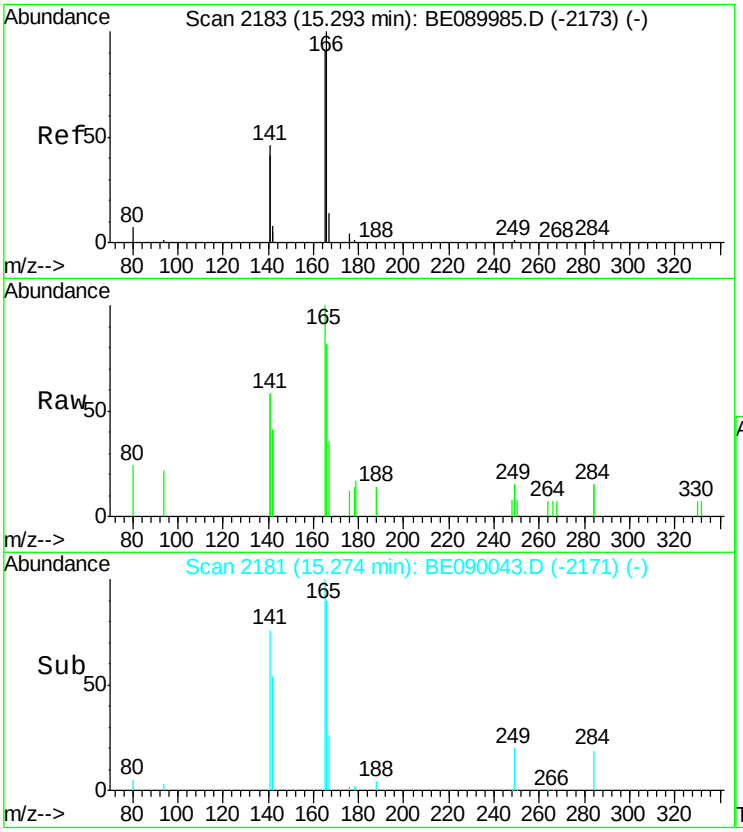


#16
Acenaphthene
Concen: 0.08 ng
RT: 14.29 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:154 Resp: 984

Ion	Ratio	Lower	Upper
154	100		
153	463.6	358.6	538.0
152	252.3	189.6	284.4



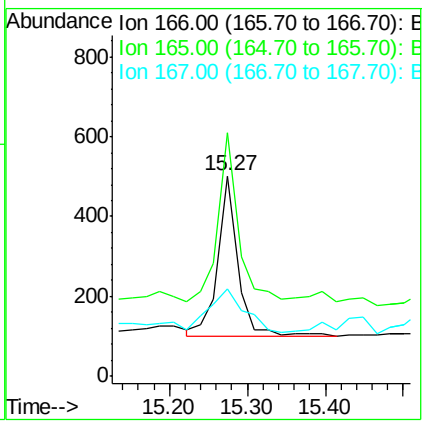


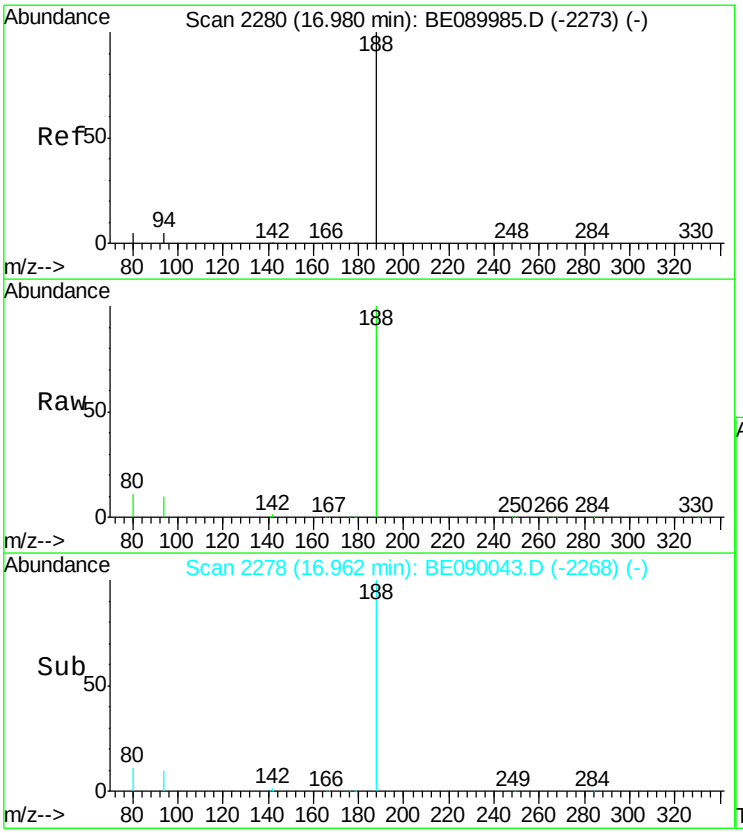
#17
Fluorene
Concen: 0.04 ng
RT: 15.27 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:166 Resp: 703

Ion	Ratio	Lower	Upper
166	100		
165	108.8	79.0	118.6
167	47.5	11.8	17.8#

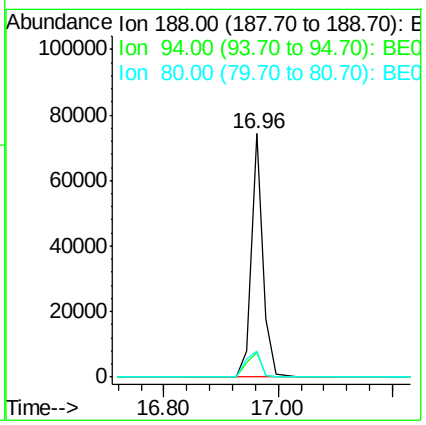


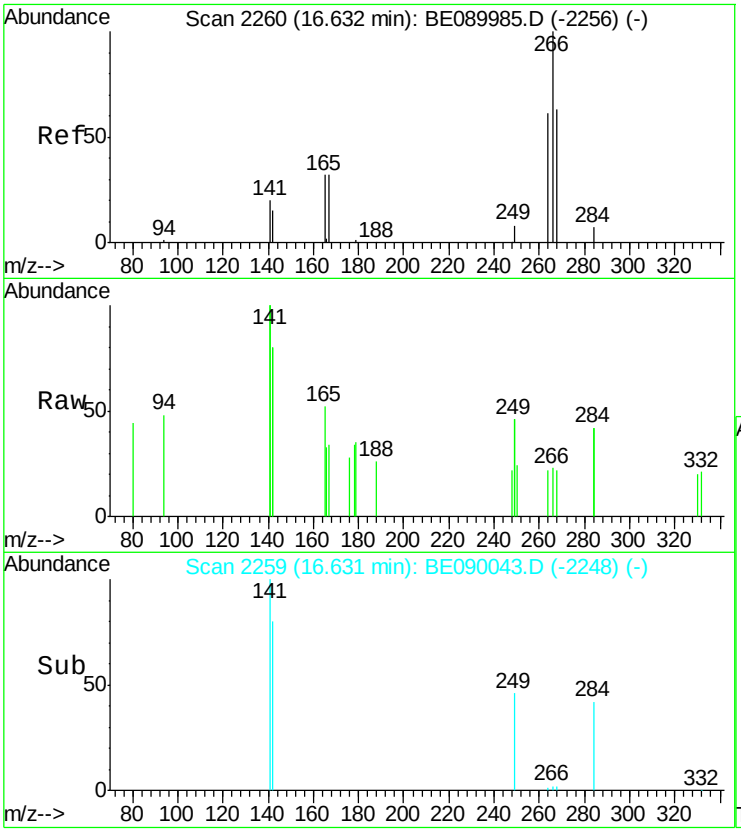


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:188 Resp: 106575

Ion	Ratio	Lower	Upper
188	100		
94	10.0	4.1	6.1#
80	10.7	4.2	6.2#



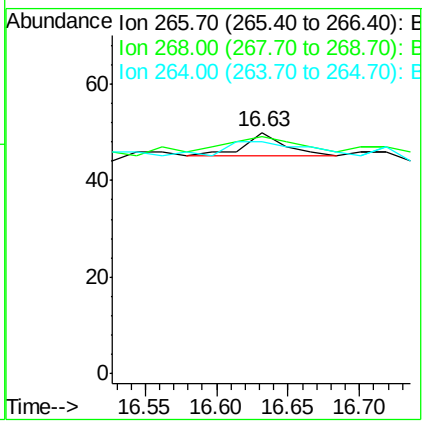


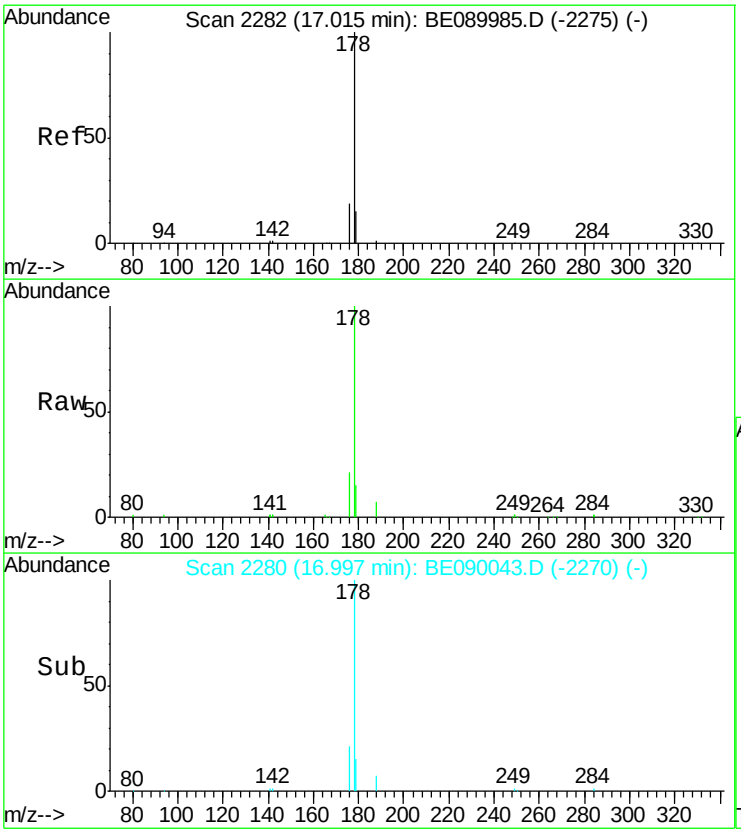
#21
Pentachlorophenol
Concen: 0.26 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
268	98.0	51.8	77.8#
264	96.0	50.2	75.2#

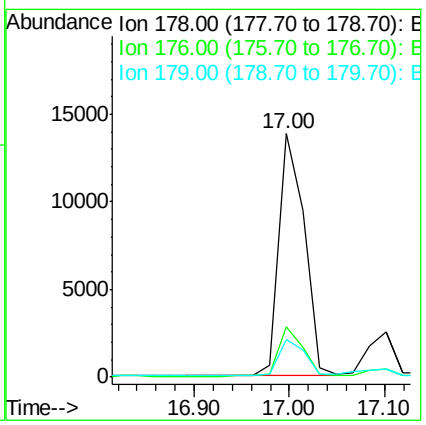


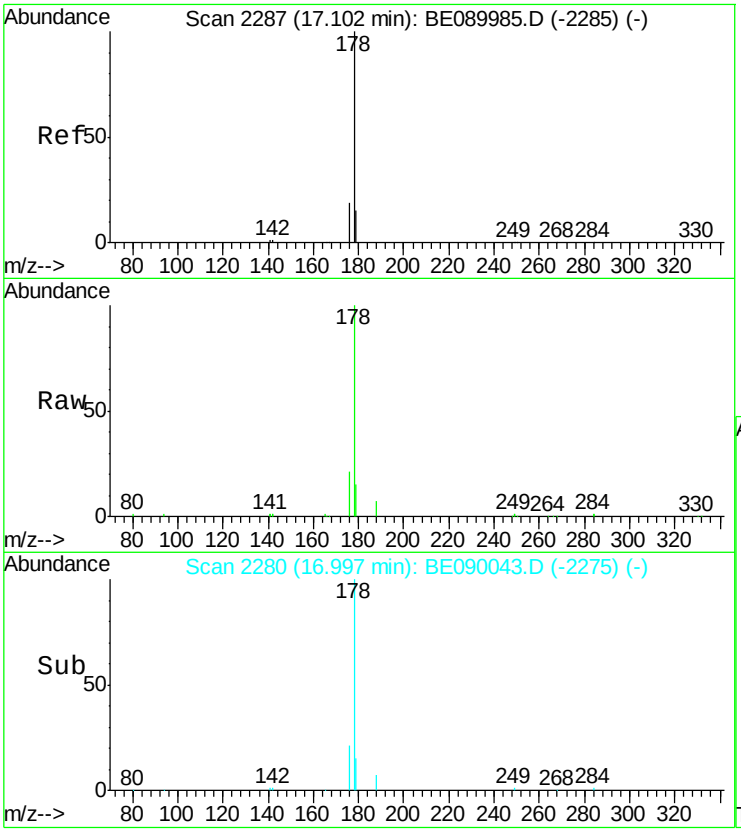


#22
Phenanthrene
Concen: 0.94 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:178 Resp: 25632

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.8	12.4	18.6



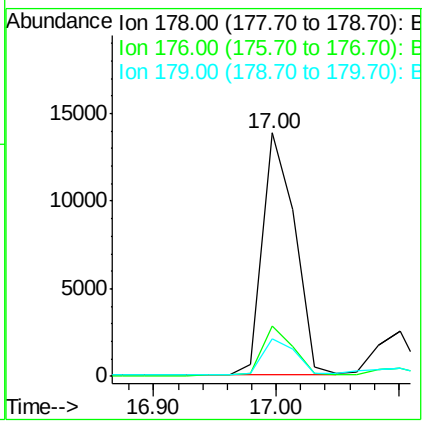


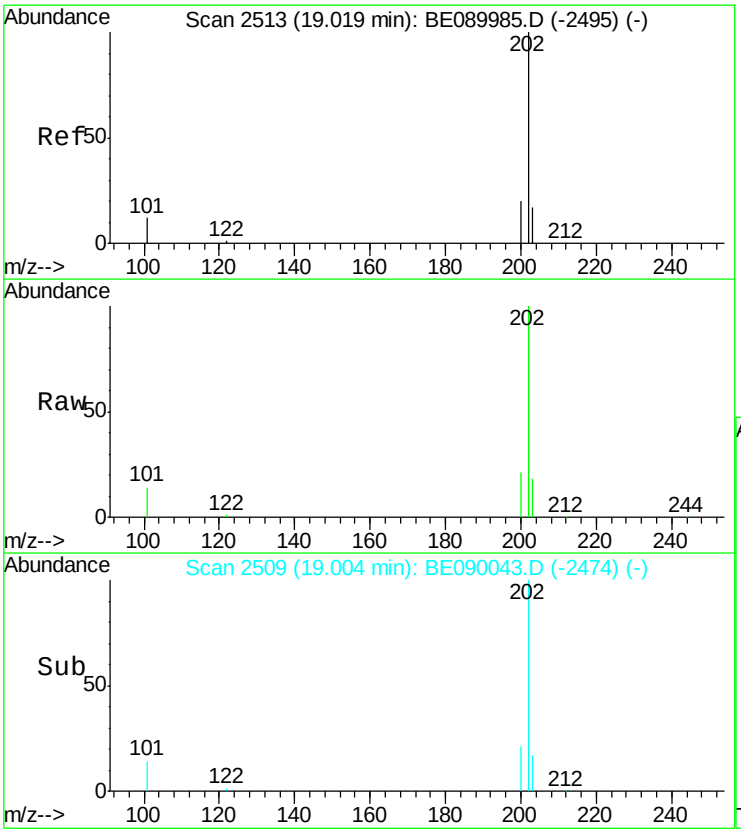
#23
Anthracene
Concen: 1.03 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.11 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:178 Resp: 25633

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.7	22.1
179	15.8	12.1	18.1

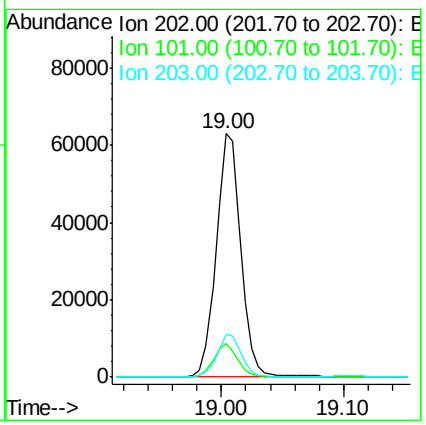


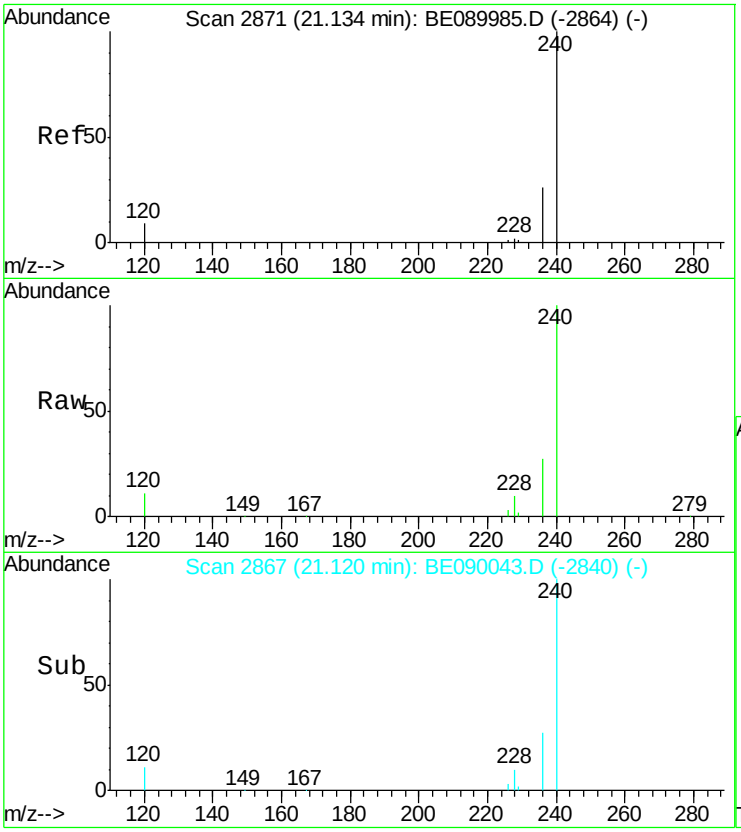


#24
Fluoranthene
Concen: 2.86 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:202 Resp: 87279

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
203	17.4	13.8	20.6



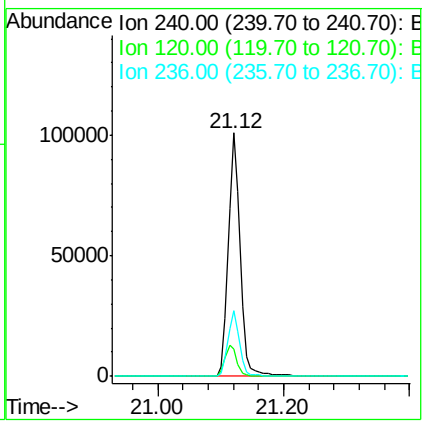


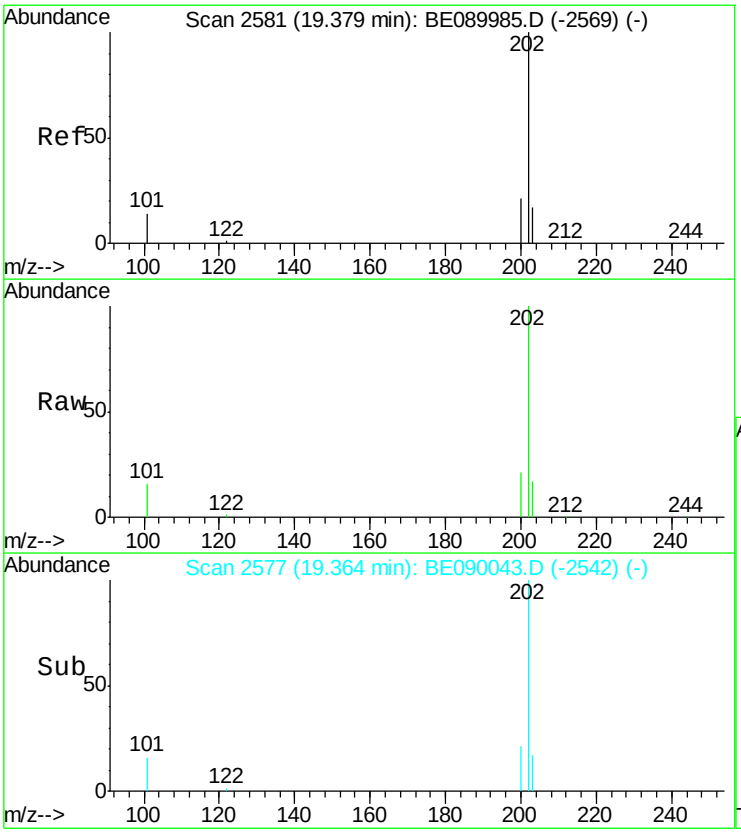
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:240 Resp: 132714

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.9	10.3#
236	26.9	20.8	31.2

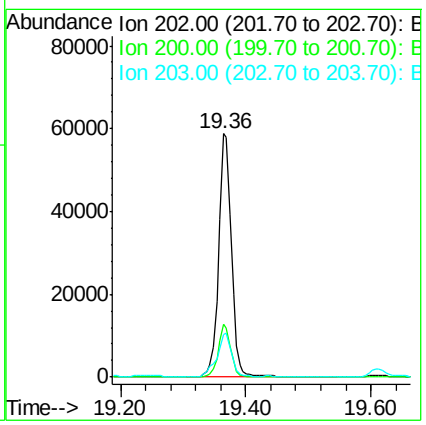


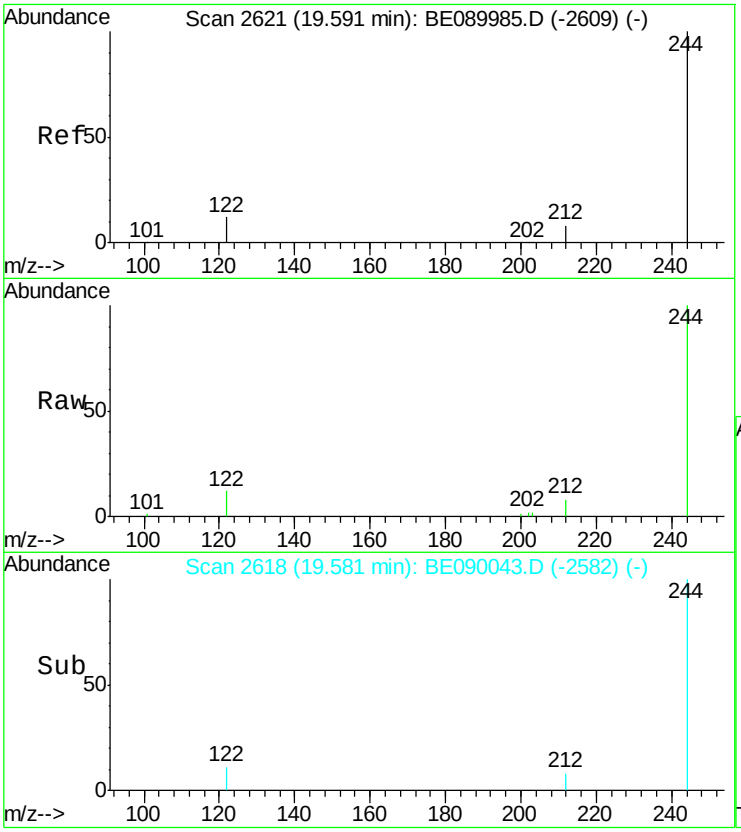


#26
Pyrene
Concen: 2.61 ng
RT: 19.36 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:202 Resp: 82661

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	20.6	13.9	20.9



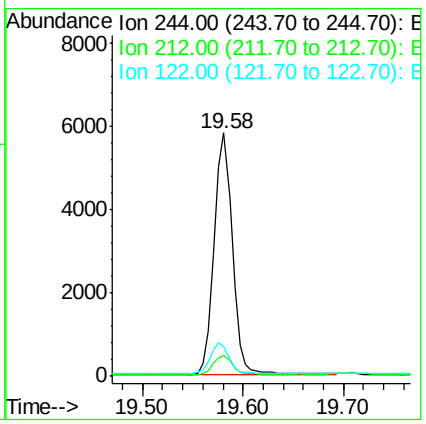


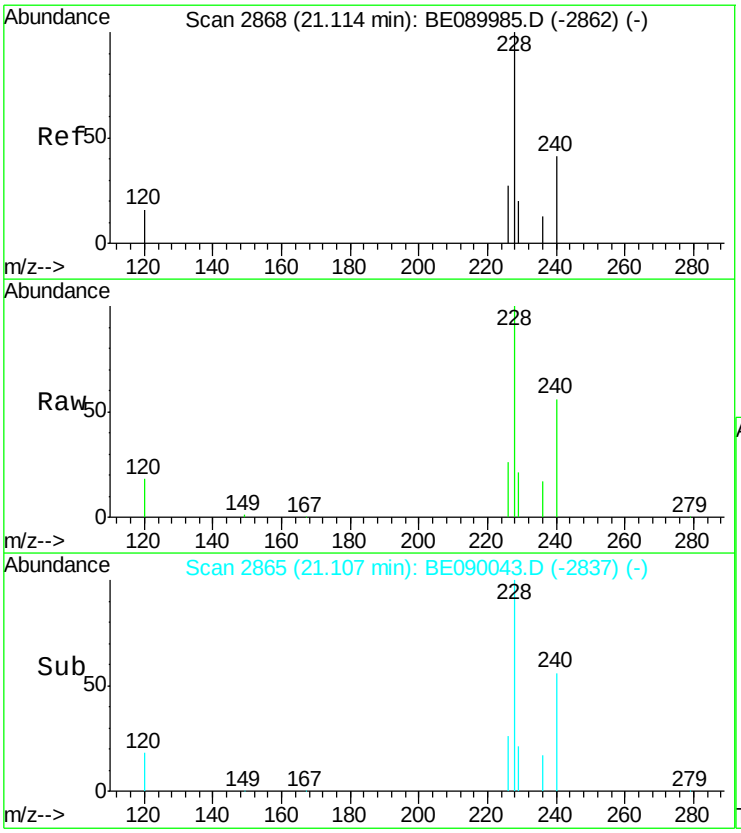
#27
Terphenyl-d14
Concen: 0.33 ng
RT: 19.58 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:244 Resp: 7263

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	12.1	9.8	14.8

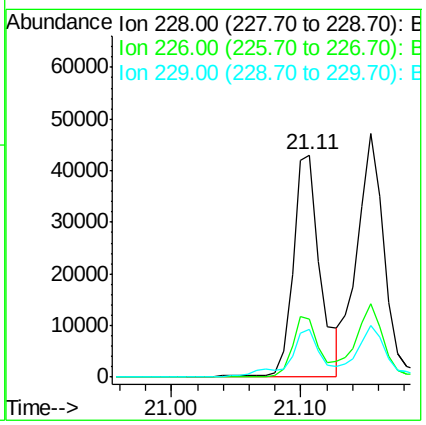


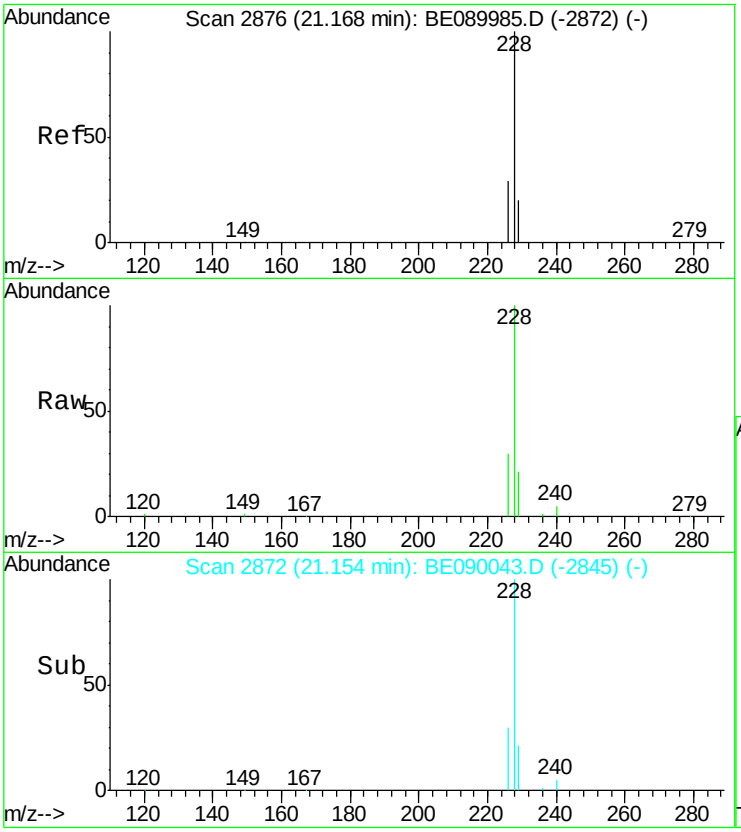


#28
Benzo(a)anthracene
Concen: 1.88 ng
RT: 21.11 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:228 Resp: 62348

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.6
229	21.4	15.8	23.6



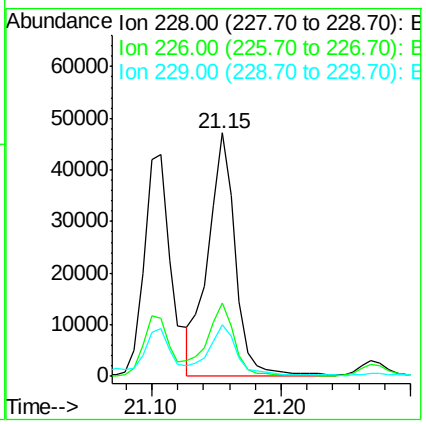


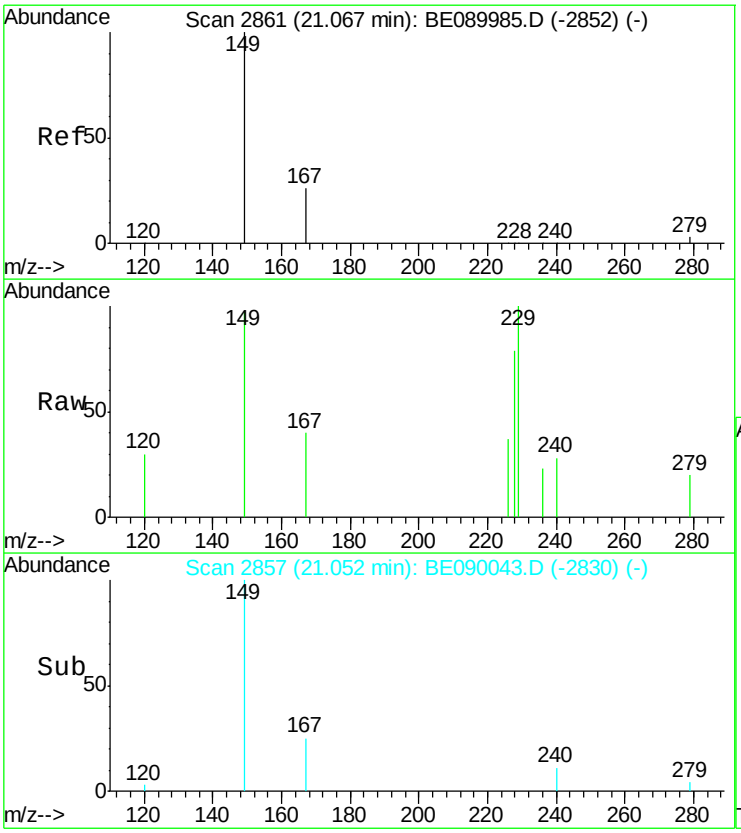
#29
Chrysene
Concen: 2.00 ng
RT: 21.15 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:228 Resp: 68966

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.2	16.2	24.2

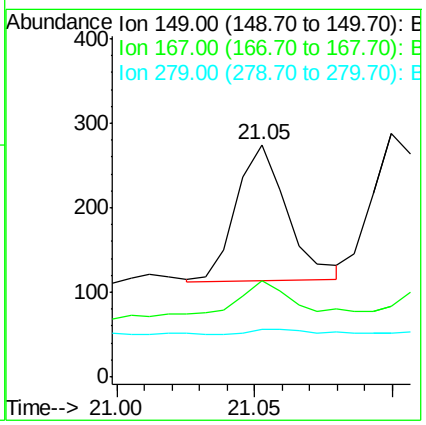


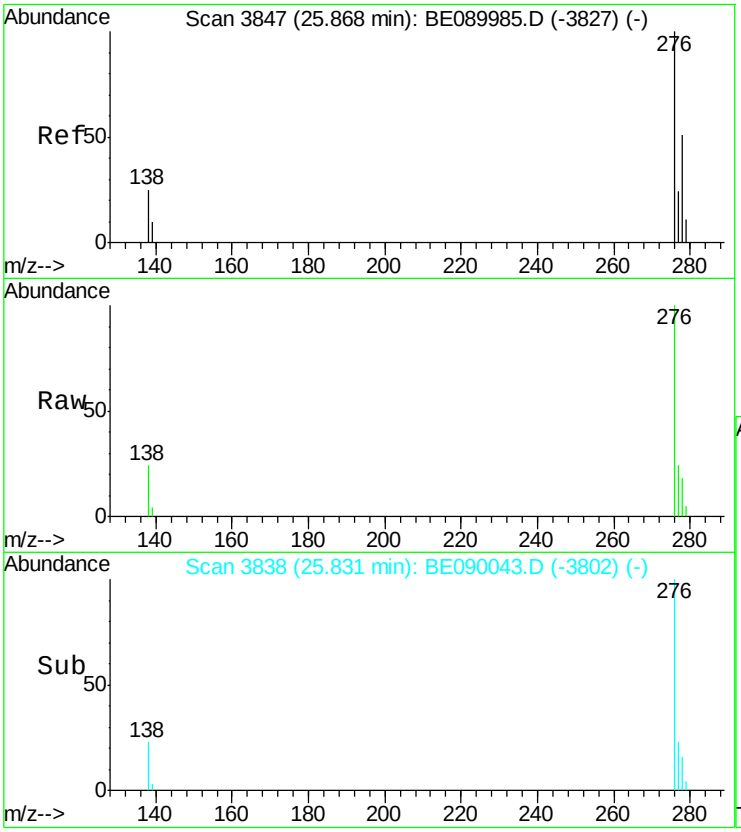


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.05 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:149 Resp: 209

Ion	Ratio	Lower	Upper
149	100		
167	35.4	20.3	30.5#
279	5.3	2.6	3.8#



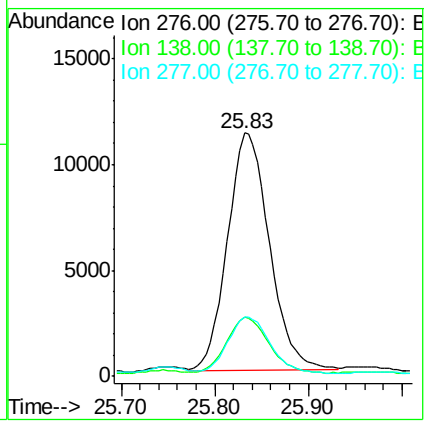


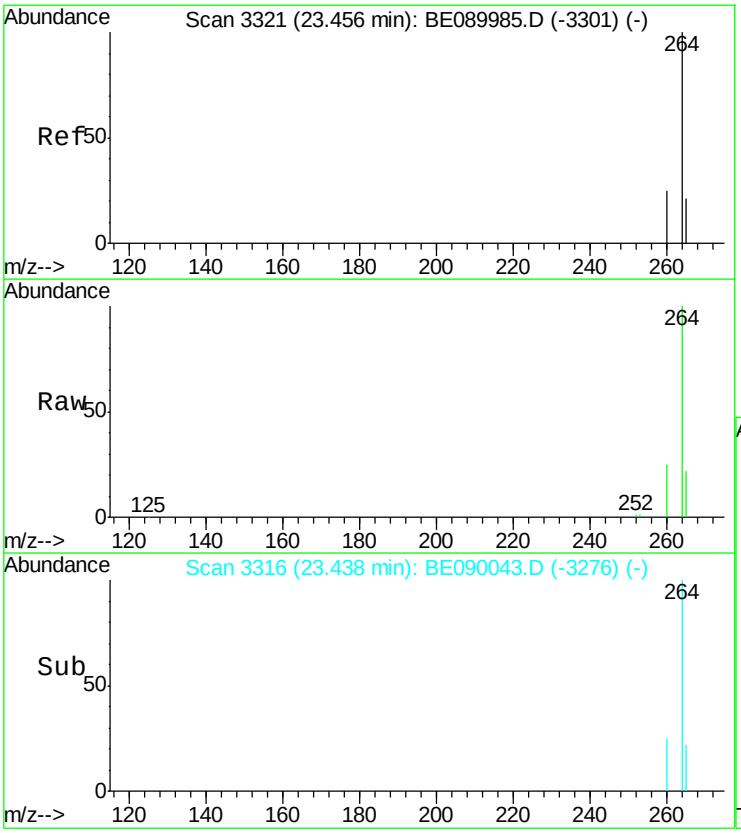
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.83 min Scan# 3838
Delta R.T. -0.04 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:276 Resp: 34751

Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.3	31.9
277	23.9	19.7	29.5

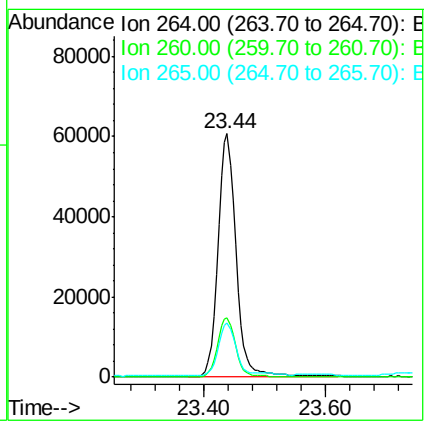


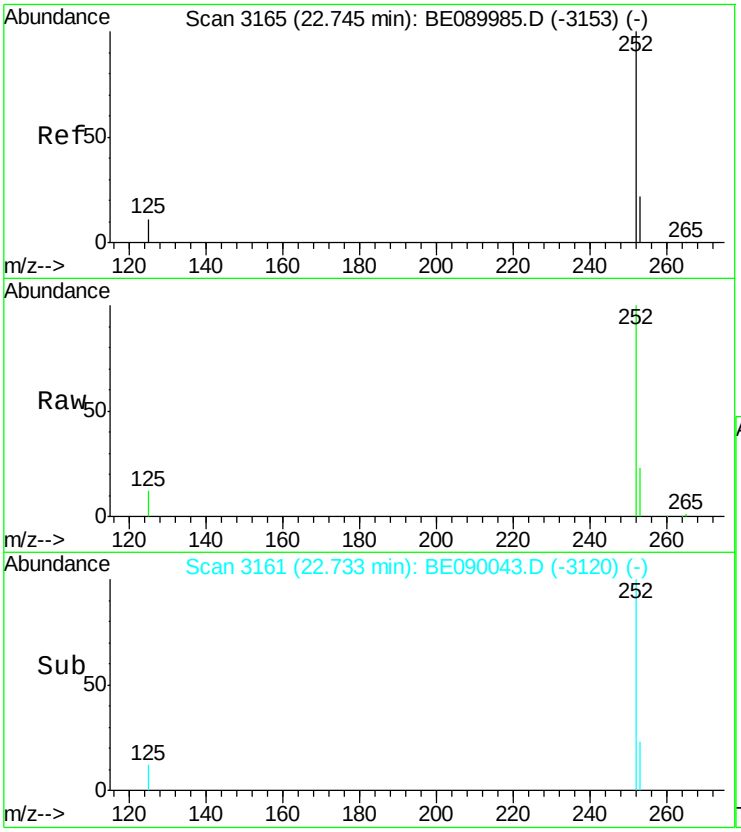


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.44 min Scan# 3316
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:264 Resp: 125802

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.3	17.1	25.7



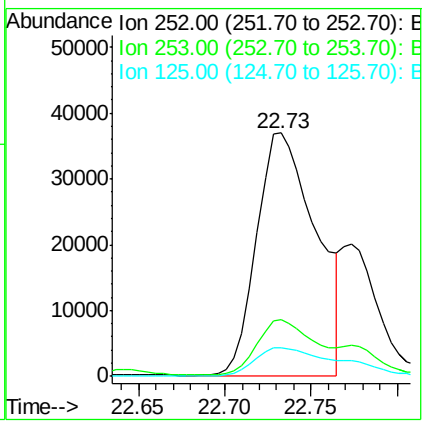


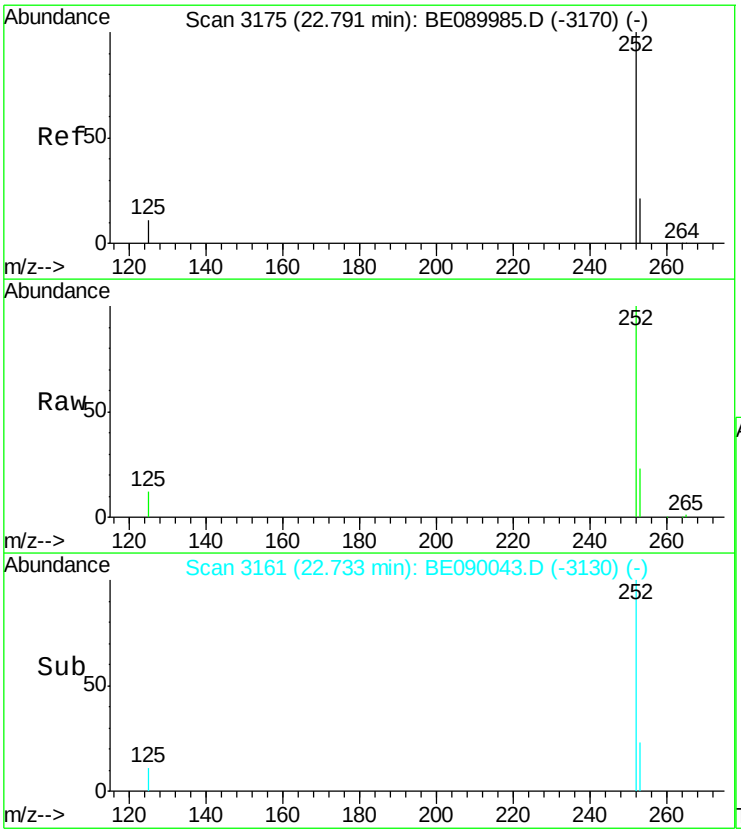
#33
Benzo(b)fluoranthene
Concen: 3.18 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:252 Resp: 88158

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.8	9.0	13.4

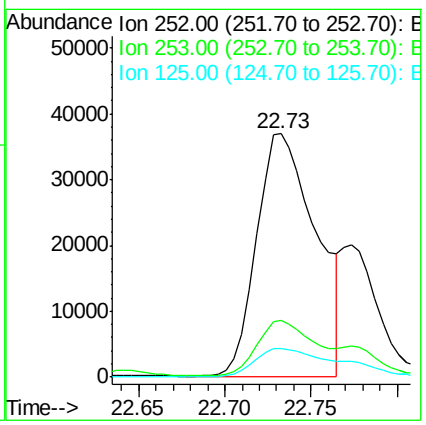


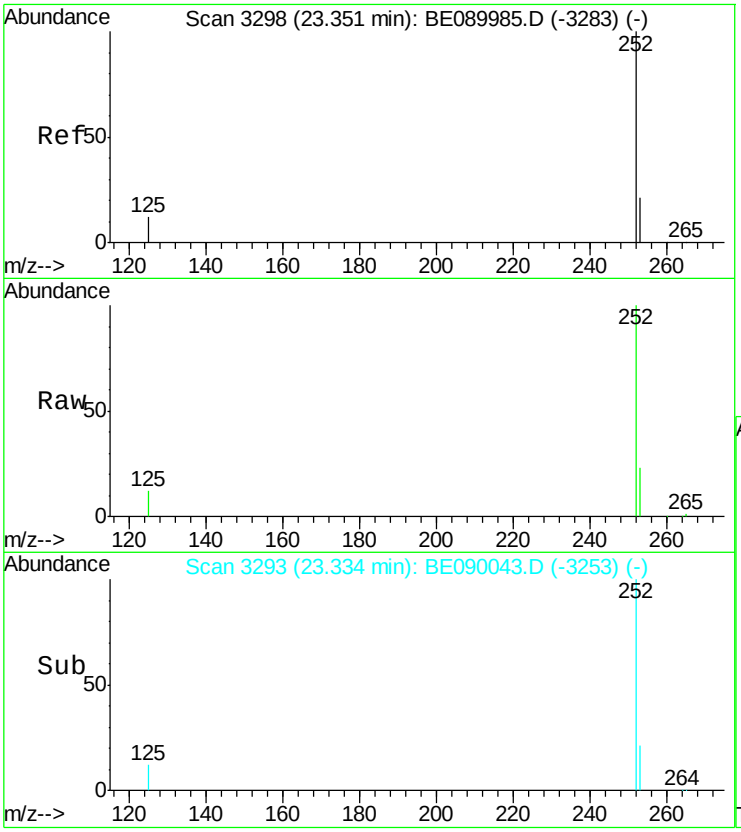


#34
Benzo(k)fluoranthene
Concen: 2.84 ng
RT: 22.73 min Scan# 3161
Delta R.T. -0.06 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:252 Resp: 88158

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.8	9.5	14.3



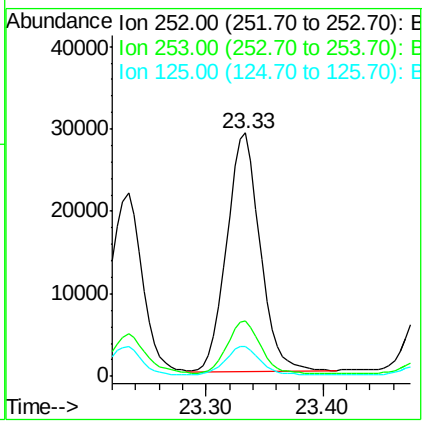


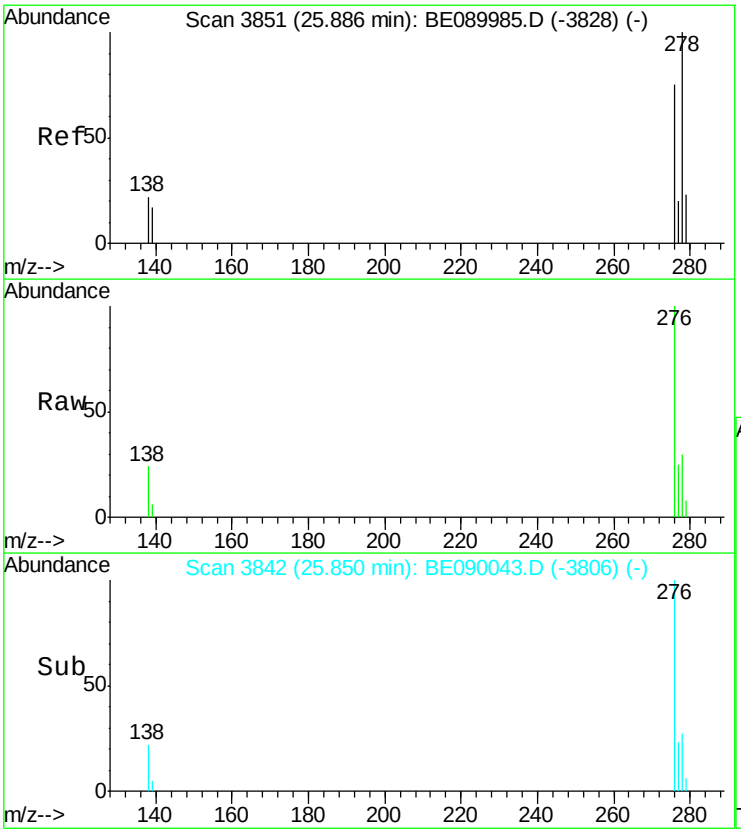
#35
Benzo(a)pyrene
Concen: 2.25 ng
RT: 23.33 min Scan# 3293
Delta R.T. -0.02 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:252 Resp: 57556

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	12.3	10.5	15.7

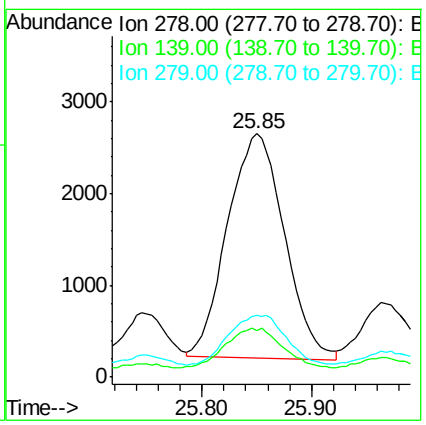


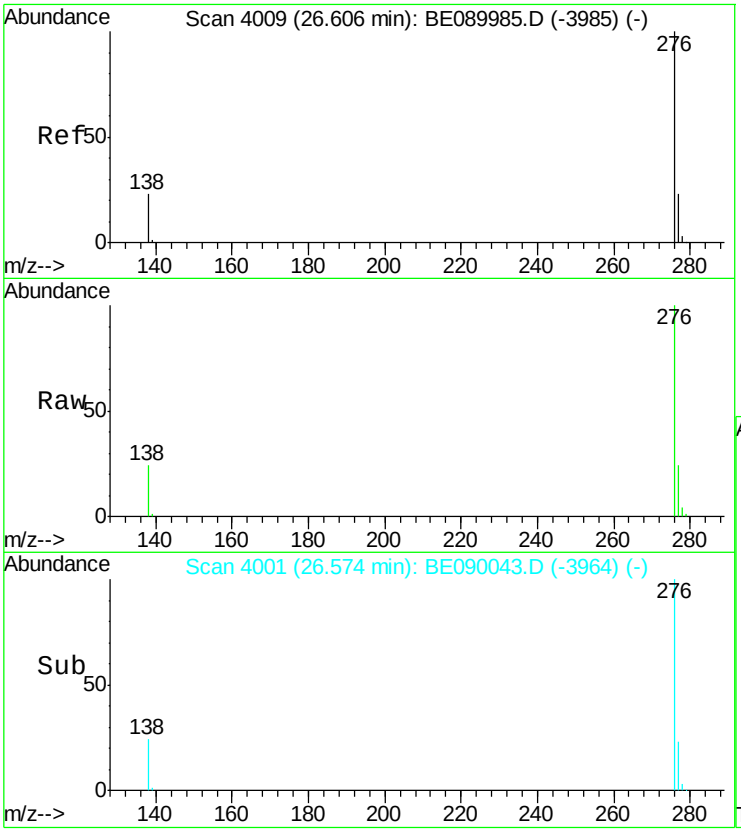


#36
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.85 min Scan# 3842
Delta R.T. -0.04 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Tgt Ion:278 Resp: 8846

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.4	21.6
279	25.5	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.35 ng
RT: 26.57 min Scan# 4001
Delta R.T. -0.03 min
Lab File: BE090043.D
Acq: 1 Jul 2015 15:05

Instrument :
BNA_E
ClientSampleId :
X1SS0520006-150625DL

Tgt Ion:276 Resp: 35937

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	24.1	18.6	27.8