Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091606.D
Acq On : 8 Apr 2016 10:39
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC10

Quant Time: Apr 08 15:11:36 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:53:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	42020	5.00	ng		-0.07
7) Naphthalene-d8	10.51	136	203910	5.00	ng		-0.08
13) Acenaphthene-d10	14.38	164	129292	5.00	ng		-0.04
19) Phenanthrene-d10	17.11	188	357125	5.00	ng		-0.05
26) Chrysene-d12	21.29	240	394210	5.00	ng		-0.02
35) Perylene-d12	23.73	264	340049	5.00	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	105293	11.99	ng		-0.05
5) Phenol-d6	6.92	99	152465	14.17	ng		-0.05
8) Nitrobenzene-d5	8.90	82	142342	12.95	ng		-0.06
14) 2,4,6-Tribromophenol	15.86	330	48778	11.95	ng		-0.05
15) 2-Fluorobiphenyl	12.99	172	344226	9.82	ng		-0.06
29) Terphenyl-d14	19.74	244	542720	10.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	45766	6.14	ng		91
3) n-Nitrosodimethylamine	3.61	42	73542	9.95	ng	#	89
6) bis(2-Chloroethyl)ether	7.18	93	123706	9.66	ng	#	75
9) Nitrobenzene	8.93	77	154153	13.08	ng		93
10) Naphthalene	10.57	128	412326	9.41	ng		97
11) Hexachlorobutadiene	10.86	225	60378	8.27	ng		98
12) 2-Methylnaphthalene	12.18	142	280389	10.84	ng		99
16) Acenaphthylene	14.08	152	569268	2.64	ng	#	86
17) Acenaphthene	14.43	154	317961	9.22	ng		92
18) Fluorene	15.41	166	402608	9.44	ng		98
20) 4-Bromophenyl-phenylether	16.29	248	116643	8.64	ng		95
21) Hexachlorobenzene	16.41	284	114854	1.66	ng		98
22) Pentachlorophenol	16.76	266	68900	13.72	ng		89
23) Phenanthrene	17.15	178	762081	8.44	ng		99
24) Anthracene	17.24	178	694821	8.60	ng		98
25) Fluoranthene	19.17	202	823360	7.67	ng	#	96
27) Benzidine	19.36	184	411154	57.83	ng	#	77
28) Pyrene	19.53	202	875501	8.70	ng		99
30) Benzo(a)anthracene	21.27	228	1715407	18.51	ng		100
31) 3,3'-Dichlorobenzidine	21.22	252	478281	30.18	ng	#	71
32) Chrysene	21.27	228	1720439	14.50	ng		96
33) Bis(2-ethylhexyl)phthalate	21.20	149	483268	13.08	ng	#	78
34) Indeno(1,2,3-cd)pyrene	26.27	276	905478	9.47	ng		97
36) Benzo(b)fluoranthene	22.97	252	819285	10.93	ng	#	96
37) Benzo(k)fluoranthene	23.02	252	771550	7.49	ng		98
38) Benzo(a)pyrene	23.61	252	776615	11.17	ng	#	97
39) Dibenzo(a,h)anthracene	26.29	278	755937	11.01	ng	#	96
40) Benzo(g,h,i)perylene	27.06	276	774420	10.39	ng		94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091606.D
Acq On : 8 Apr 2016 10:39
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Quant Time: Apr 08 15:11:36 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:53:35 2016
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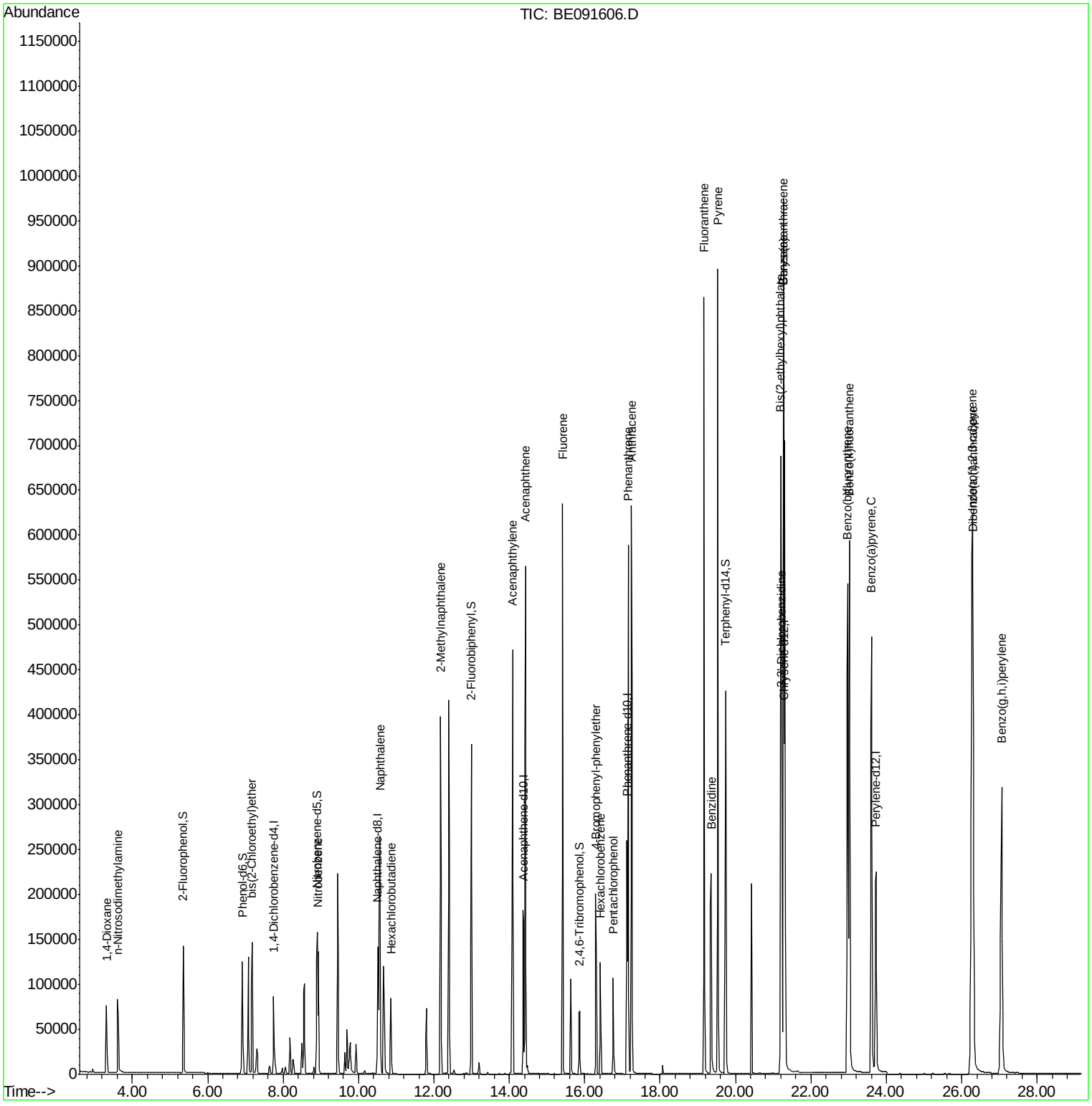
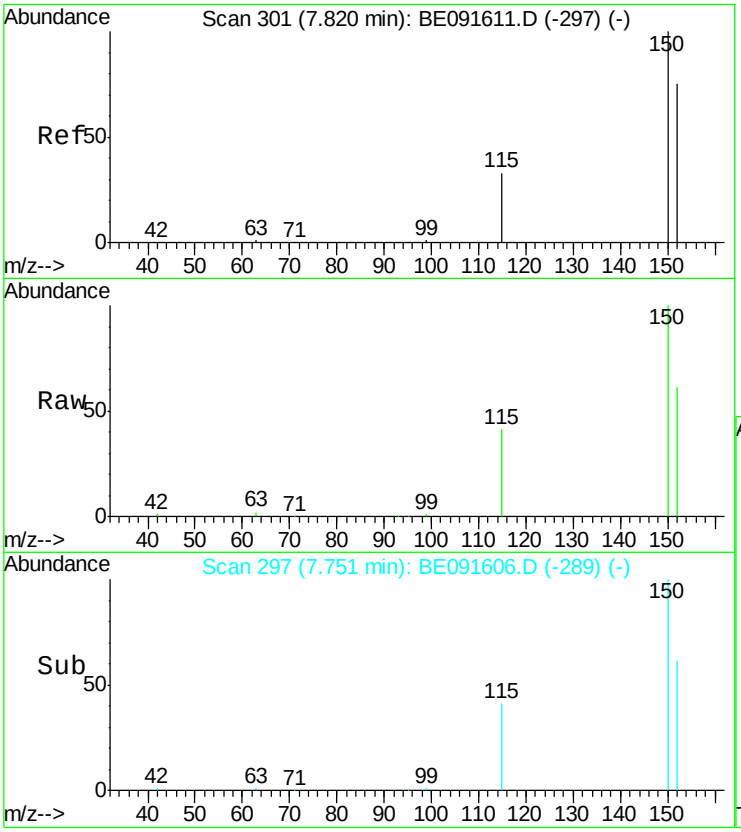


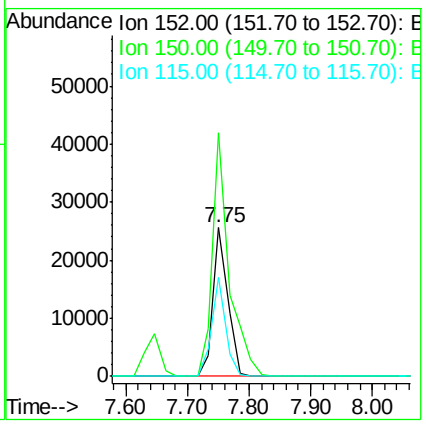


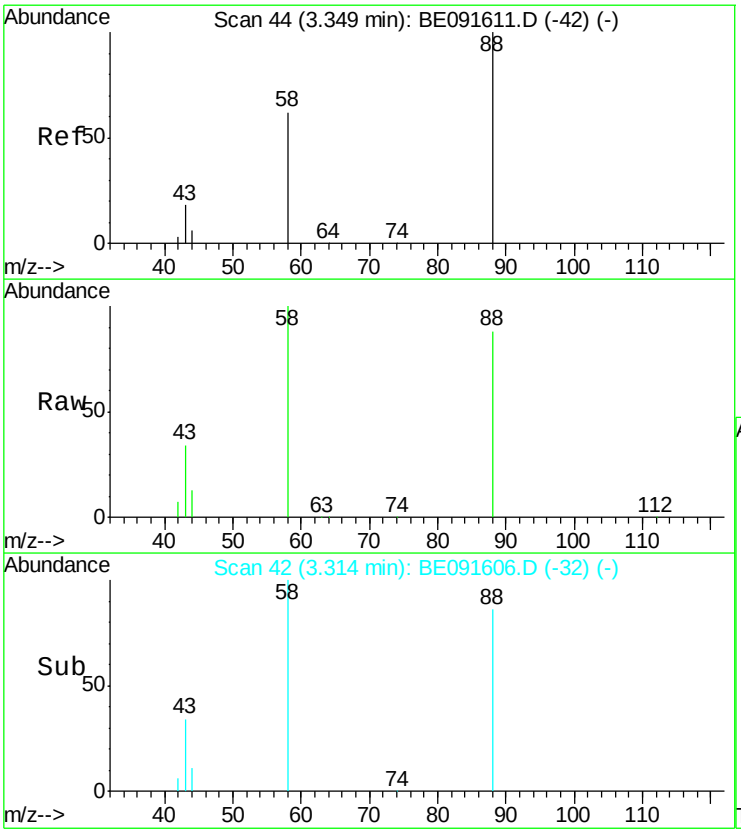
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.75 min Scan# 297
Delta R.T. -0.07 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:152 Resp: 42020

Ion	Ratio	Lower	Upper
152	100		
150	163.6	122.6	183.8
115	66.9	52.8	79.2

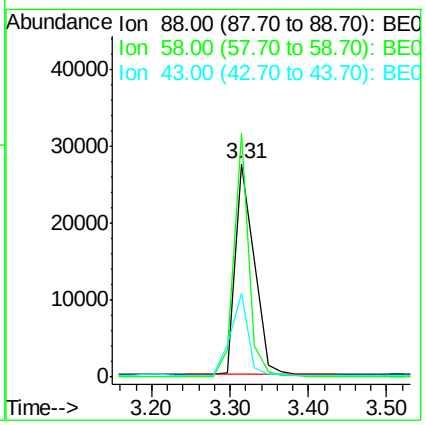


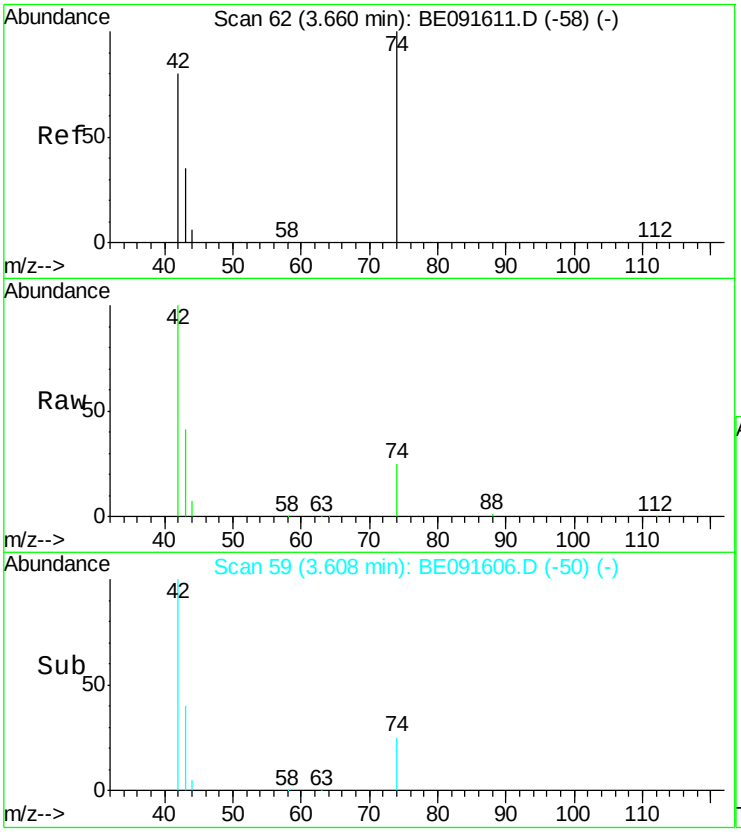


#2
1,4-Dioxane
Concen: 6.14 ng
RT: 3.31 min Scan# 42
Delta R.T. -0.03 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion: 88 Resp: 45766

Ion	Ratio	Lower	Upper
88	100		
58	90.6	65.8	98.6
43	36.0	25.3	37.9



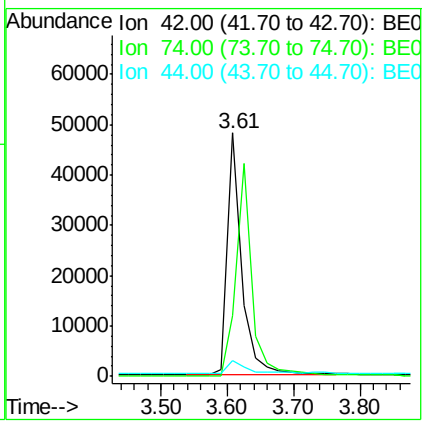


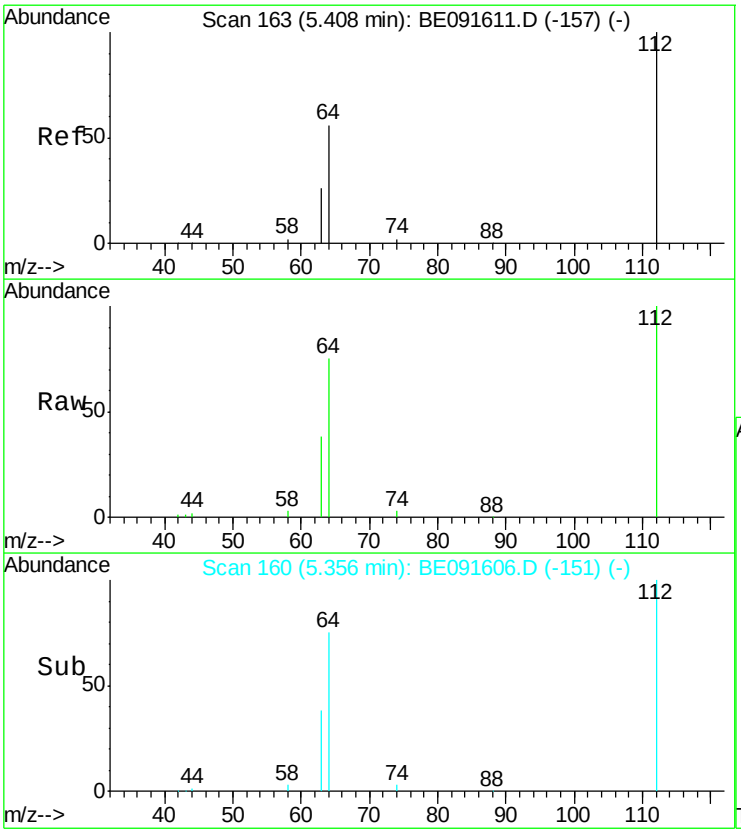
#3
n-Nitrosodimethylamine
Concen: 9.95 ng
RT: 3.61 min Scan# 59
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 42 Resp: 73542

Ion	Ratio	Lower	Upper
42	100		
74	97.6	87.9	131.9
44	6.2	6.6	9.8#

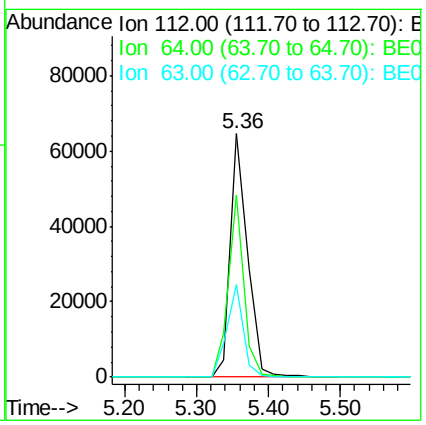


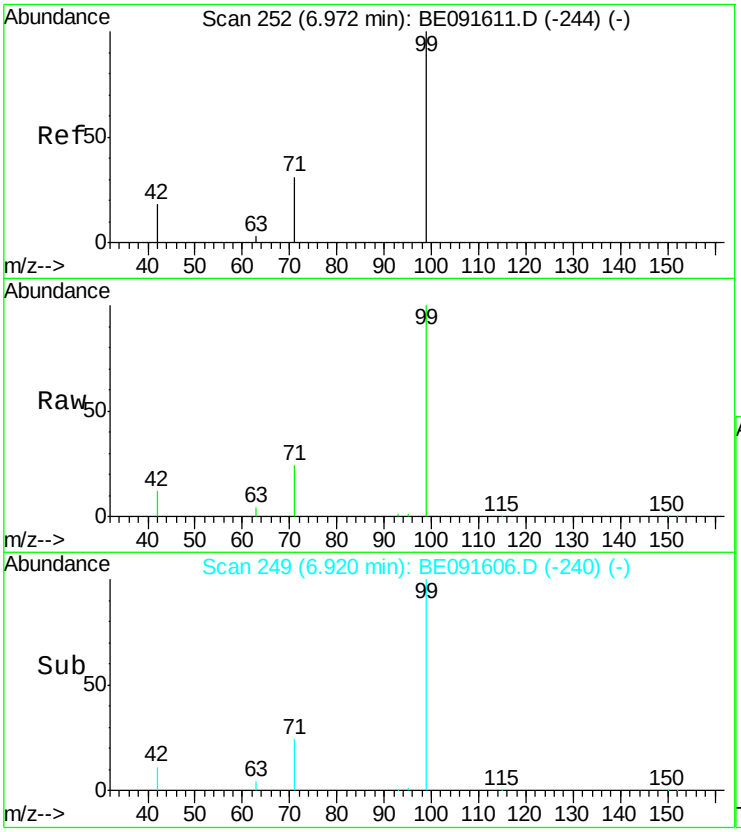


#4
2-Fluorophenol
Concen: 11.99 ng
RT: 5.36 min Scan# 160
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:112 Resp: 105293

Ion	Ratio	Lower	Upper
112	100		
64	69.3	30.9	46.3#
63	37.1	16.7	25.1#



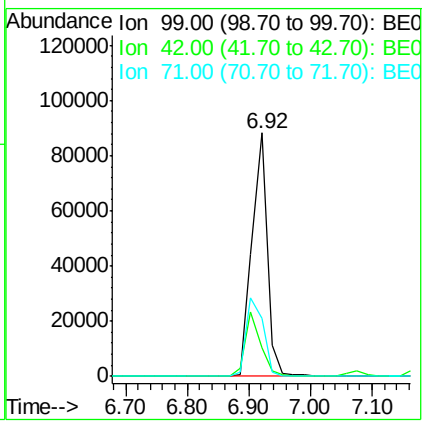


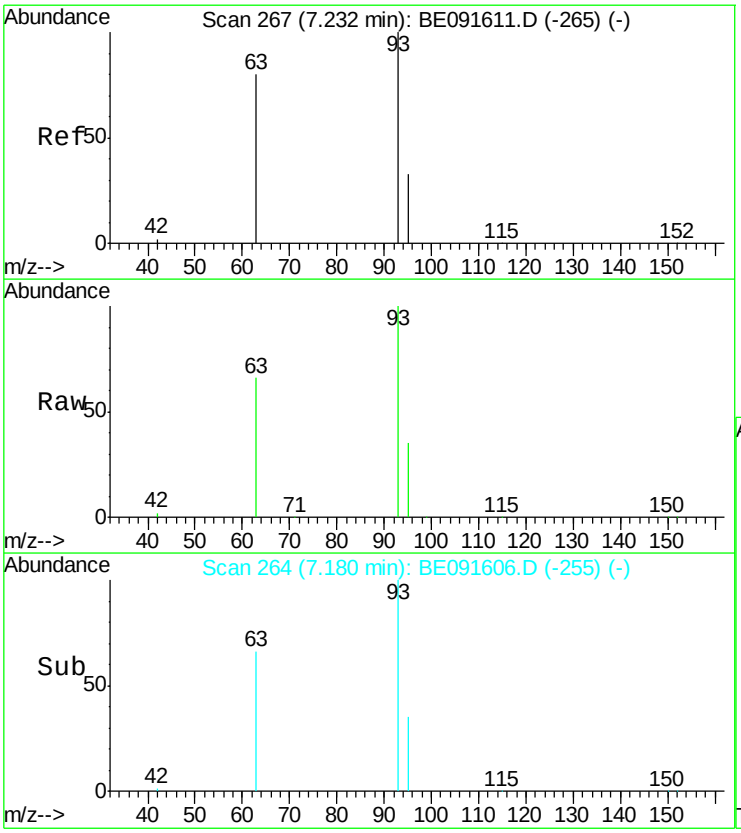
#5
Phenol-d6
Concen: 14.17 ng
RT: 6.92 min Scan# 249
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 99 Resp: 152465

Ion	Ratio	Lower	Upper
99	100		
42	26.2	16.2	24.2#
71	36.2	29.0	43.4

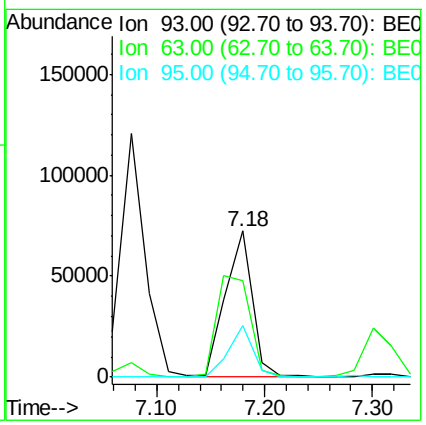


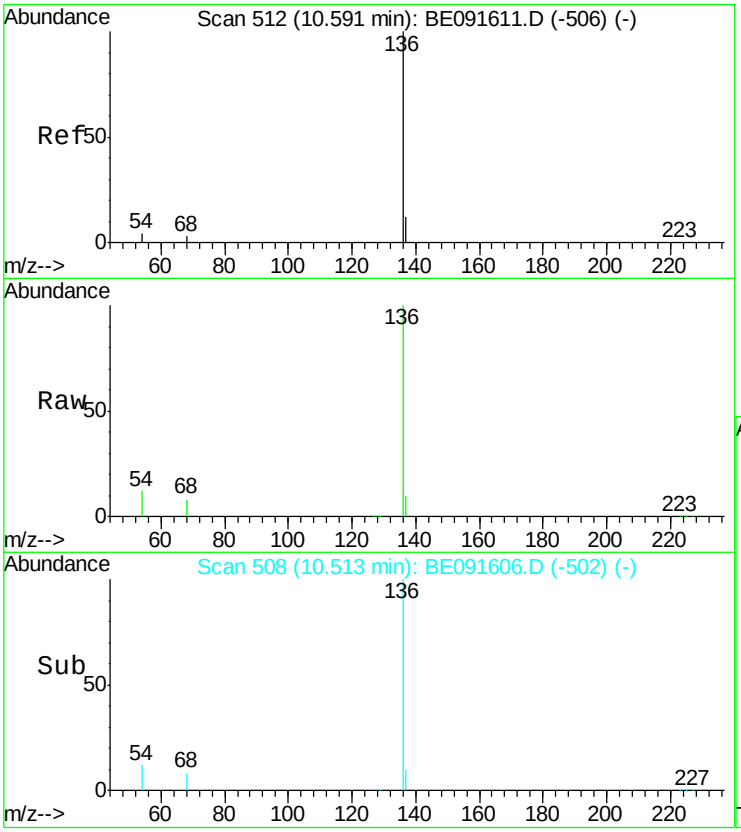


#6
bis(2-Chloroethyl)ether
Concen: 9.66 ng
RT: 7.18 min Scan# 264
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion: 93 Resp: 123706

Ion	Ratio	Lower	Upper
93	100		
63	86.6	49.5	74.3#
95	32.0	22.2	33.4



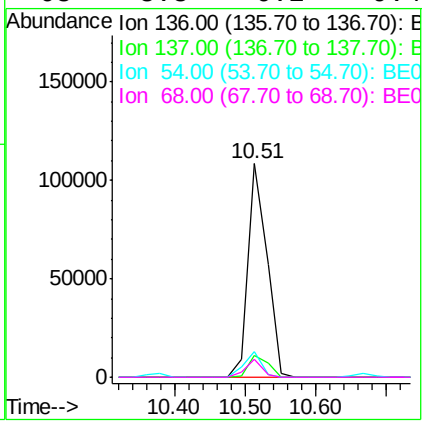


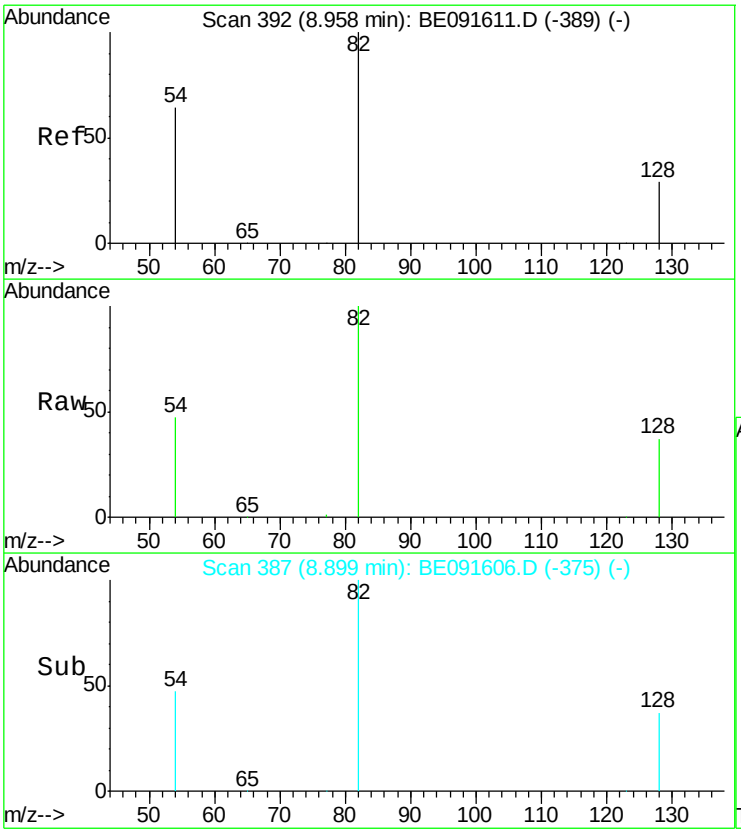
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 508
Delta R.T. -0.08 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:136 Resp: 203910

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.8	8.2	12.4
68	8.3	6.2	9.4

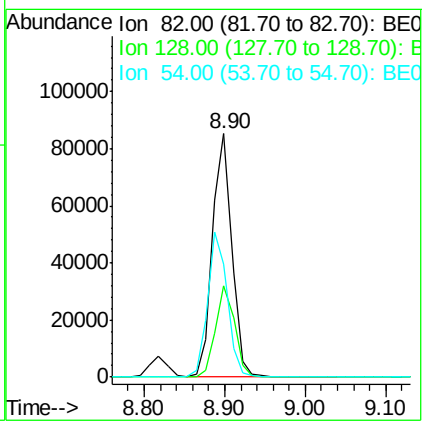


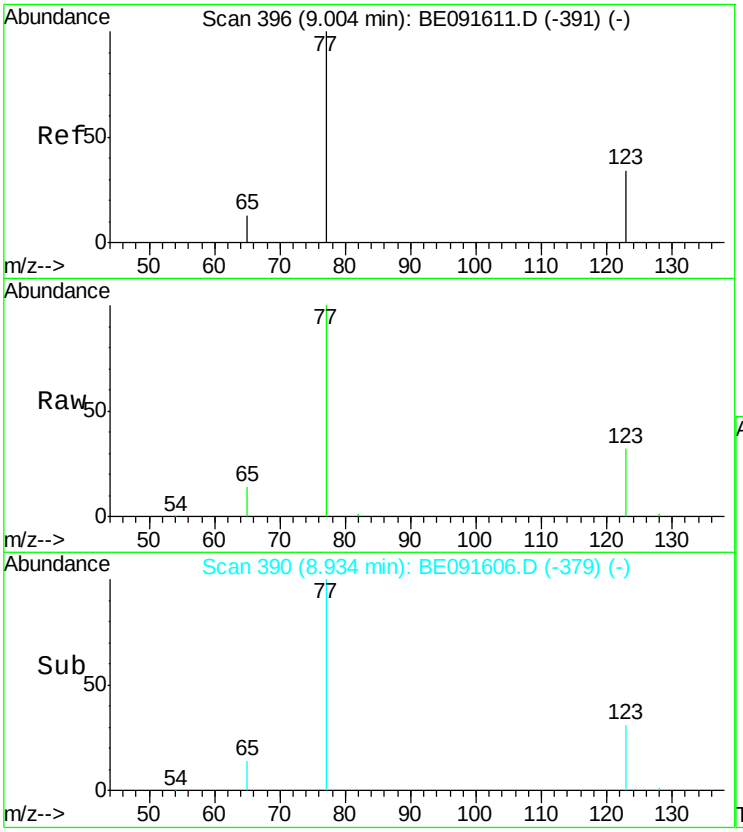


#8
Nitrobenzene-d5
Concen: 12.95 ng
RT: 8.90 min Scan# 387
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion: 82 Resp: 142342

Ion	Ratio	Lower	Upper
82	100		
128	37.5	25.4	38.0
54	46.7	48.4	72.6#



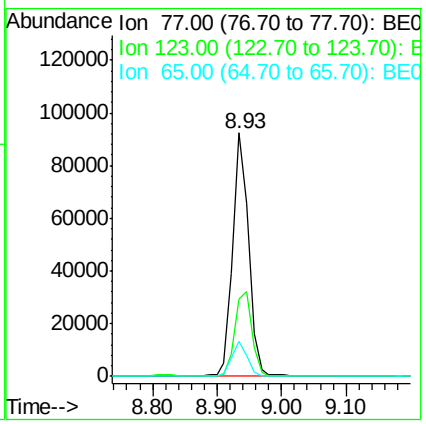


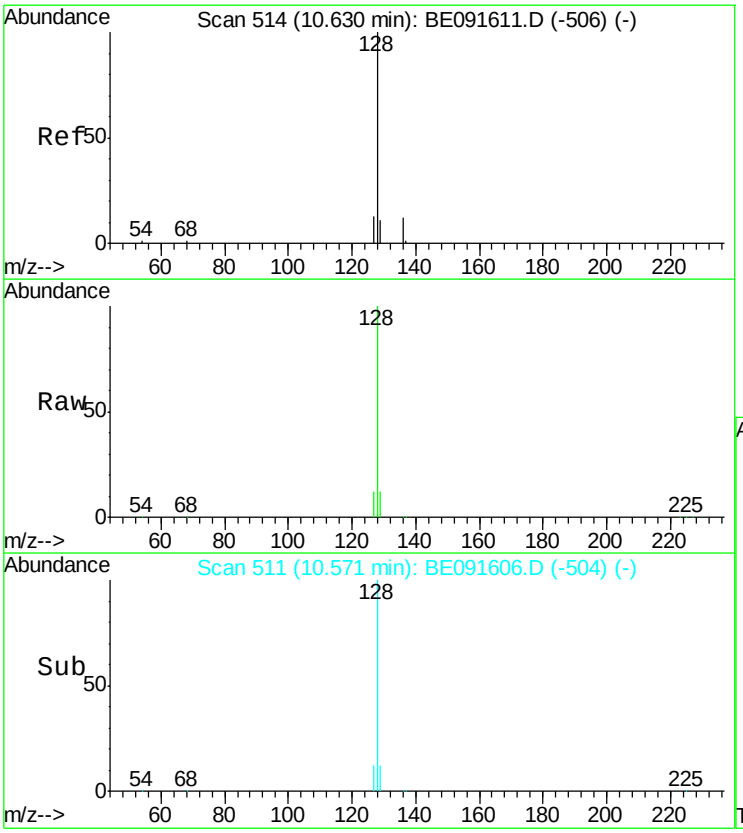
#9
Nitrobenzene
Concen: 13.08 ng
RT: 8.93 min Scan# 390
Delta R.T. -0.07 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 77 Resp: 154153

Ion	Ratio	Lower	Upper
77	100		
123	37.7	26.9	40.3
65	14.1	9.4	14.2

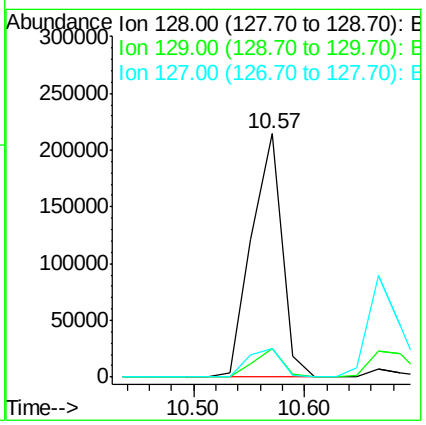


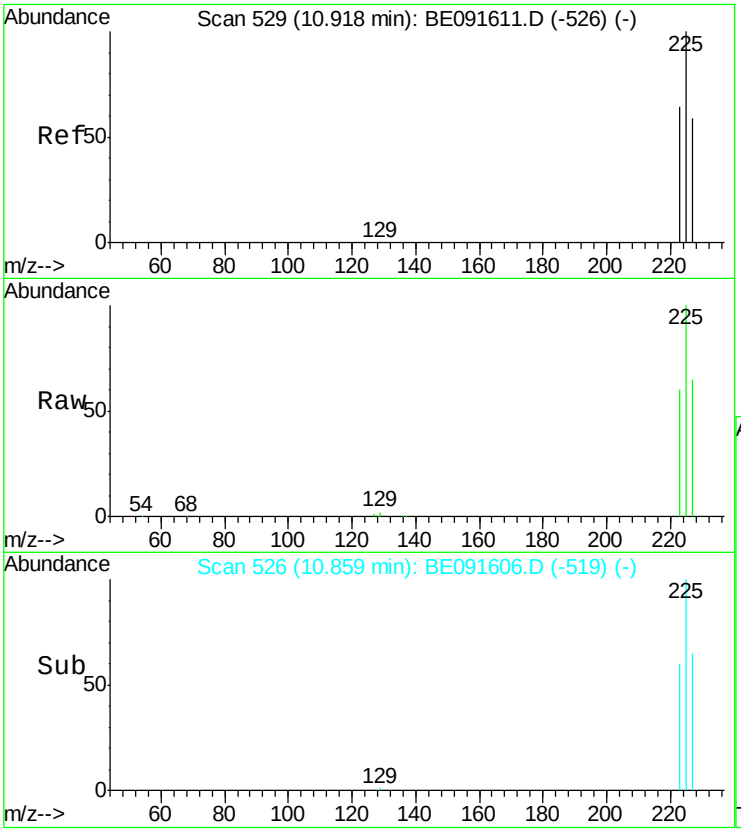


#10
Naphthalene
Concen: 9.41 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:128 Resp: 412326

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	11.7	10.7	16.1



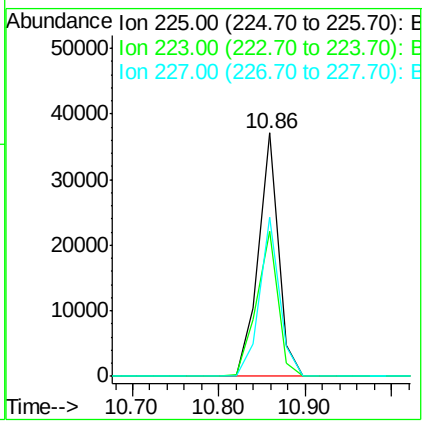


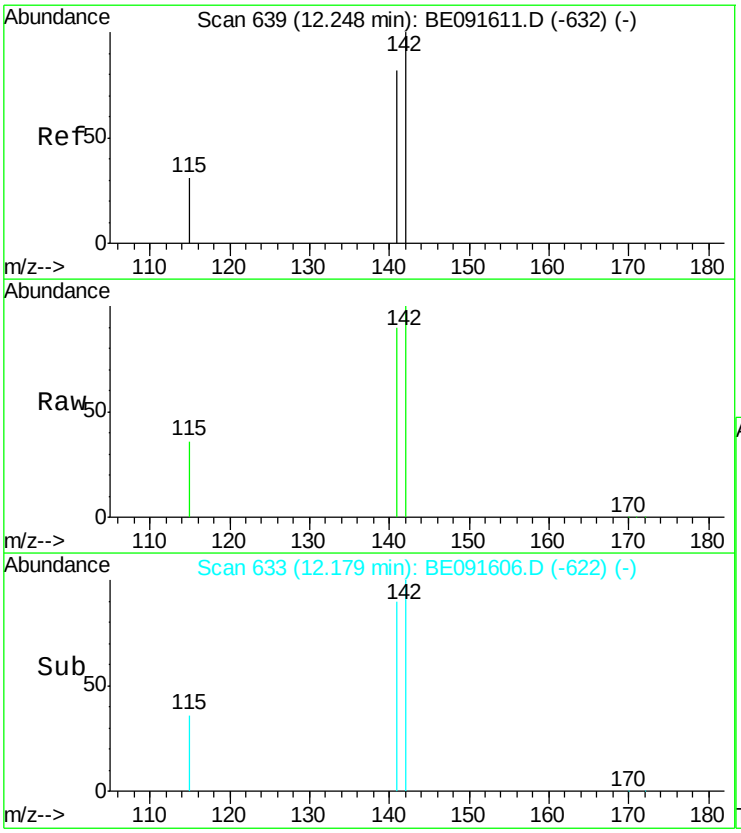
#11
Hexachlorobutadiene
Concen: 8.27 ng
RT: 10.86 min Scan# 526
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:225 Resp: 60378

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.0	73.6
227	64.2	50.3	75.5

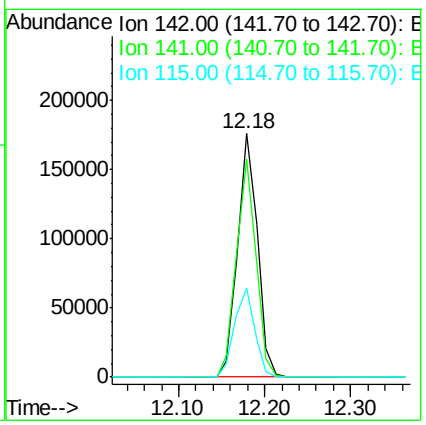


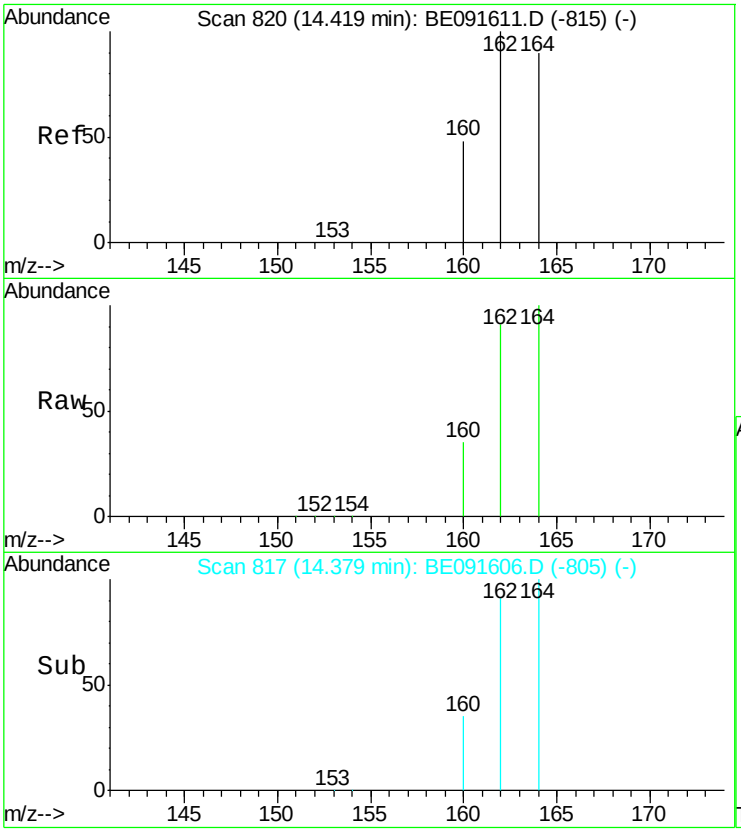


#12
2-Methylnaphthalene
Concen: 10.84 ng
RT: 12.18 min Scan# 633
Delta R.T. -0.07 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:142 Resp: 280389

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	36.5	30.3	45.5



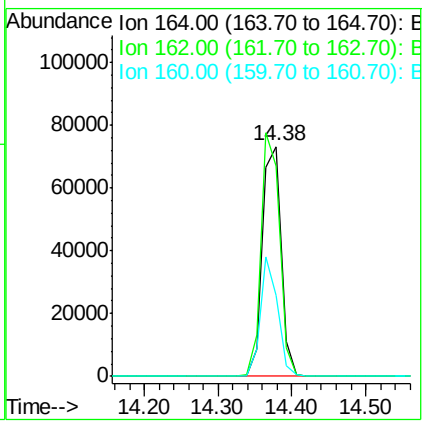


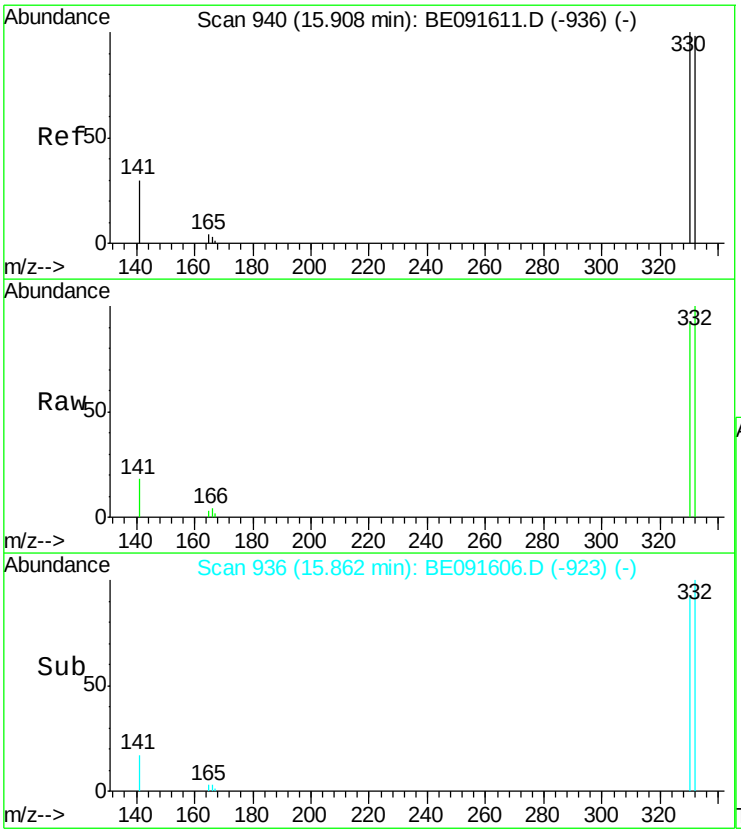
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 817
Delta R.T. -0.04 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:164 Resp: 129292

Ion	Ratio	Lower	Upper
164	100		
162	91.3	85.3	127.9
160	35.5	46.2	69.2#

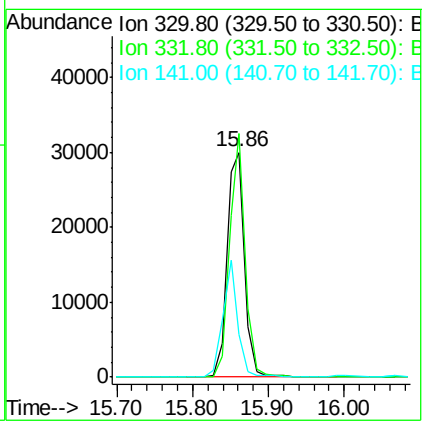


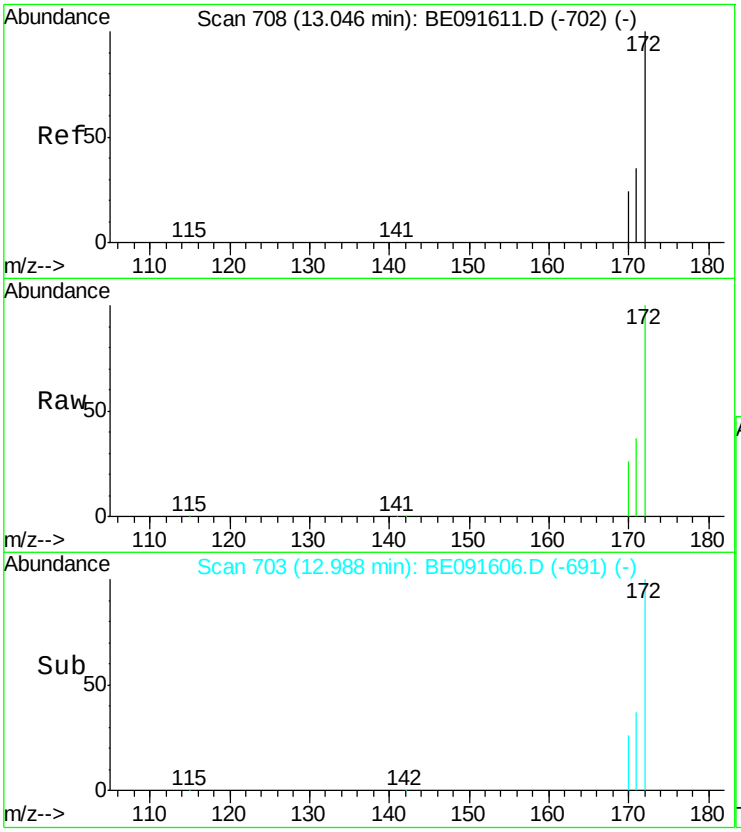


#14
2,4,6-Tribromophenol
Concen: 11.95 ng
RT: 15.86 min Scan# 936
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:330 Resp: 48778

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	43.6	125.4	188.0#



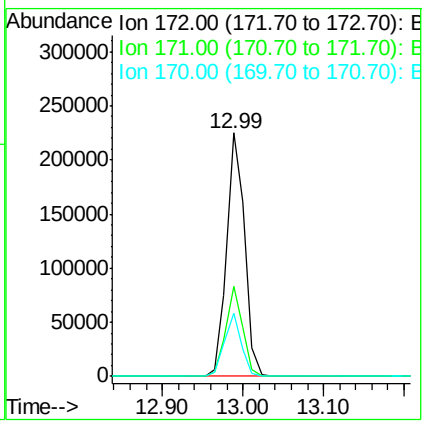


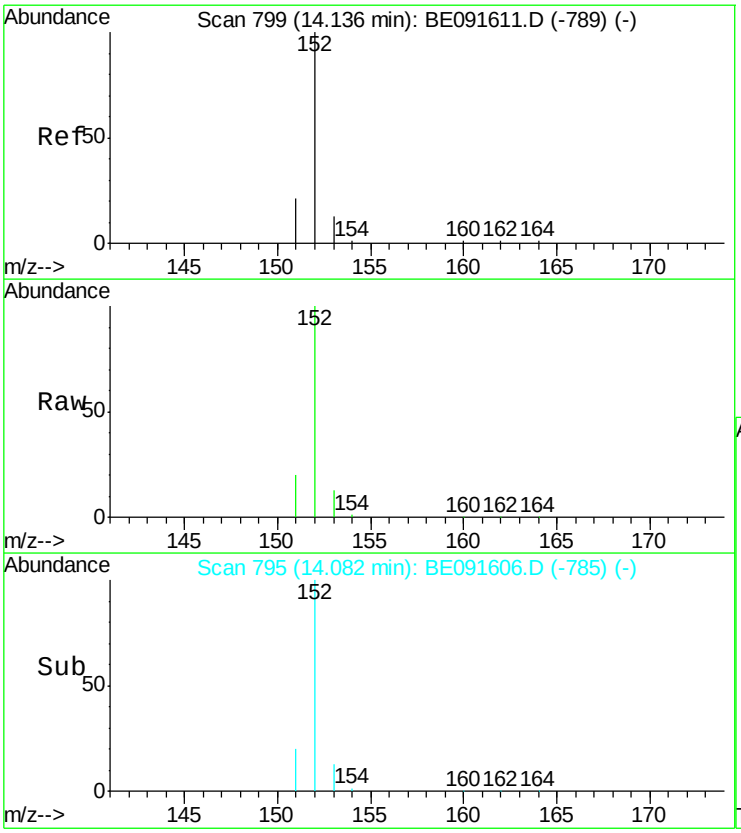
#15
2-Fluorobiphenyl
Concen: 9.82 ng
RT: 12.99 min Scan# 703
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:172 Resp: 344226

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.8	43.2
170	25.8	19.3	28.9

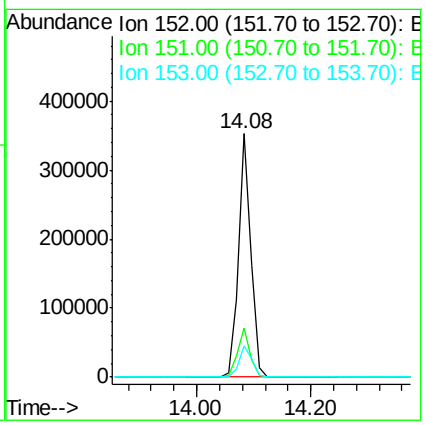


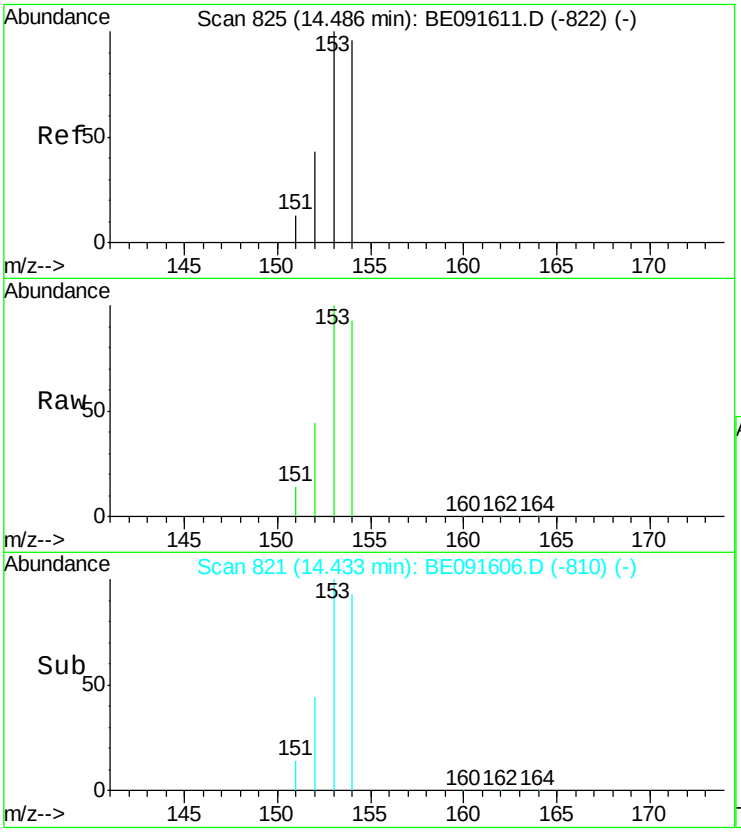


#16
Acenaphthylene
Concen: 2.64 ng
RT: 14.08 min Scan# 795
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:152 Resp: 569268

Ion	Ratio	Lower	Upper
152	100		
151	20.0	3.9	5.9#
153	13.5	10.3	15.5



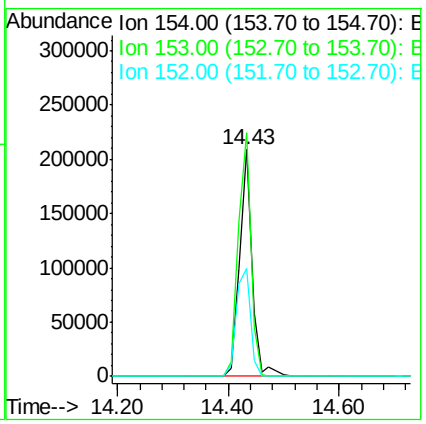


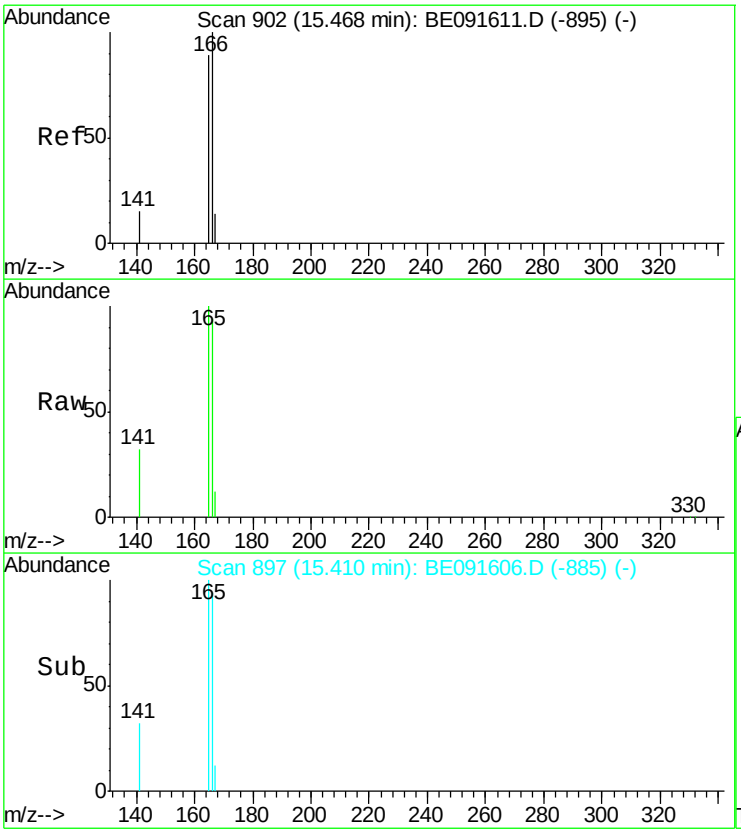
#17
Acenaphthene
Concen: 9.22 ng
RT: 14.43 min Scan# 821
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:154 Resp: 317961

Ion	Ratio	Lower	Upper
154	100		
153	109.0	80.0	120.0
152	53.9	40.0	60.0

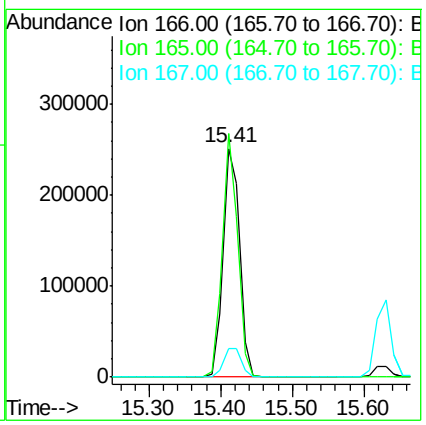


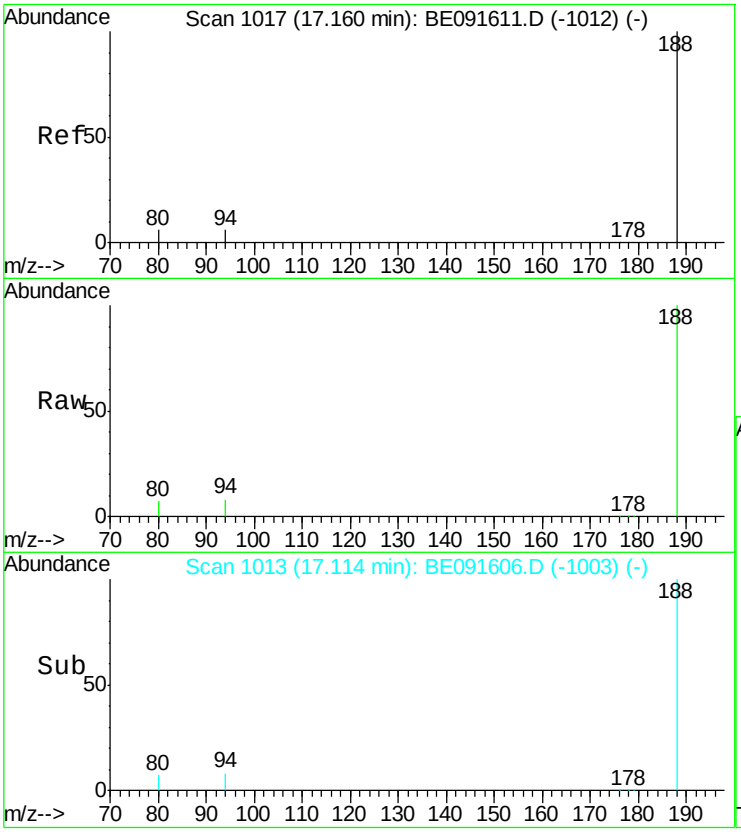


#18
Fluorene
Concen: 9.44 ng
RT: 15.41 min Scan# 897
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:166 Resp: 402608

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.8	121.2
167	13.5	10.9	16.3



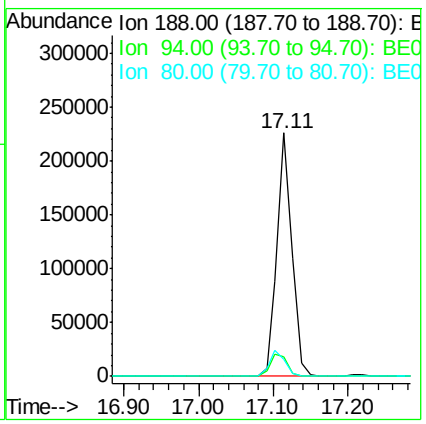


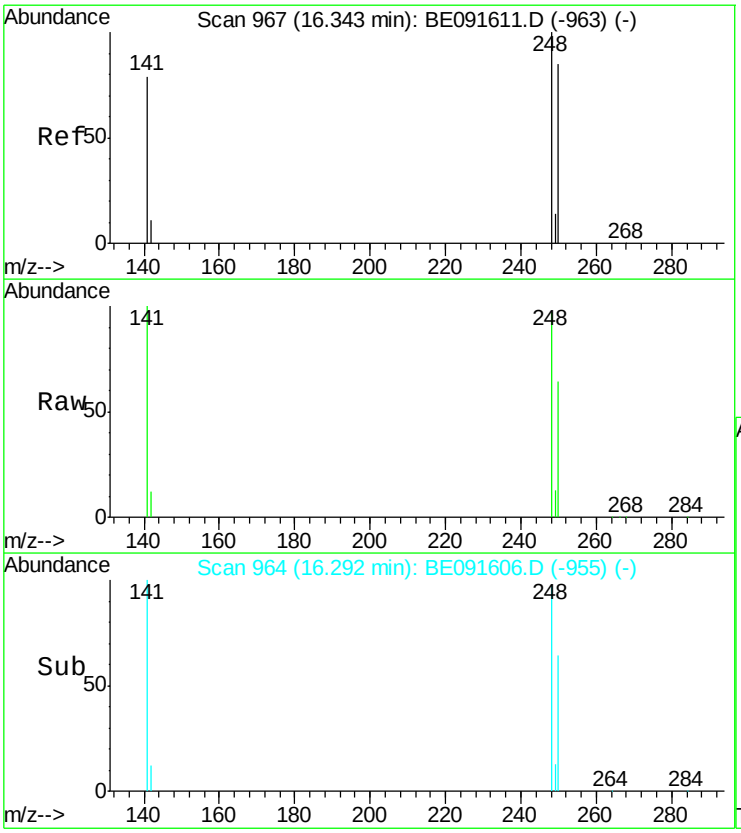
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 1013
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:188 Resp: 357125

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	7.1	9.4	14.0#

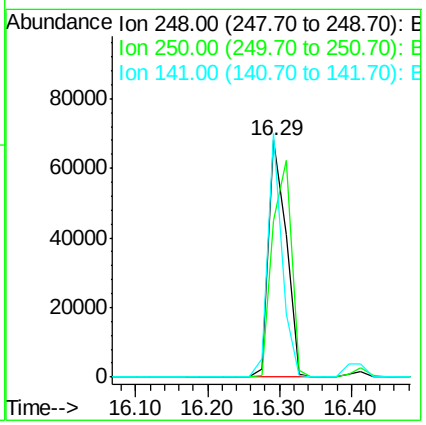


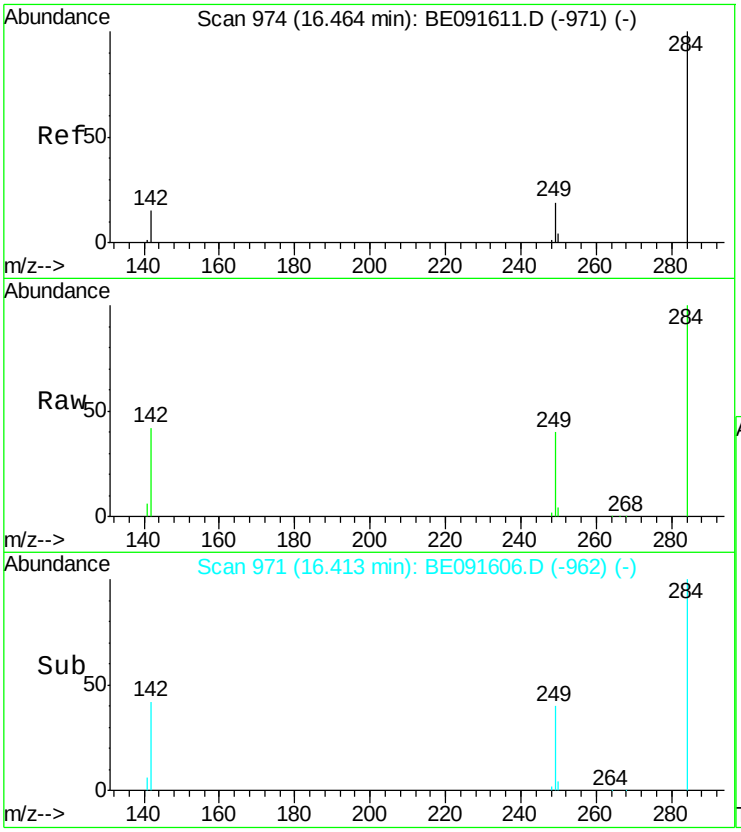


#20
4-Bromophenyl-phenylether
Concen: 8.64 ng
RT: 16.29 min Scan# 964
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:248 Resp: 116643

Ion	Ratio	Lower	Upper
248	100		
250	97.9	80.5	120.7
141	83.3	72.0	108.0



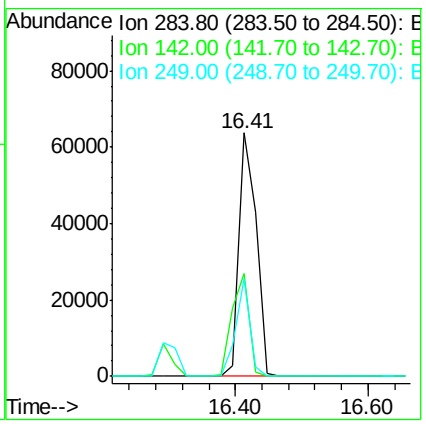


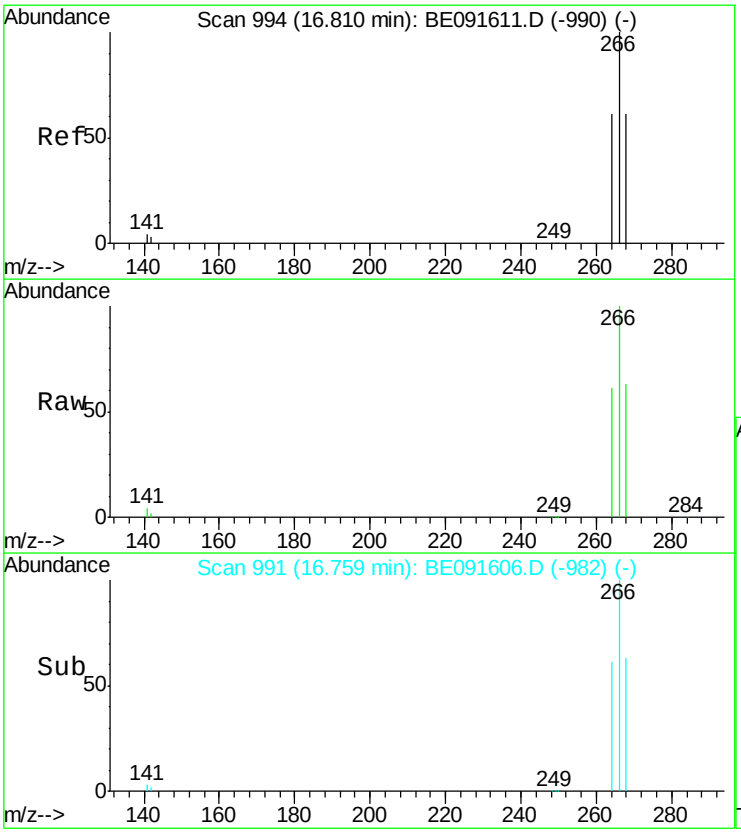
#21
Hexachlorobenzene
Concen: 1.66 ng
RT: 16.41 min Scan# 971
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:284 Resp: 114854

Ion	Ratio	Lower	Upper
284	100		
142	41.7	32.2	48.2
249	32.6	25.4	38.2

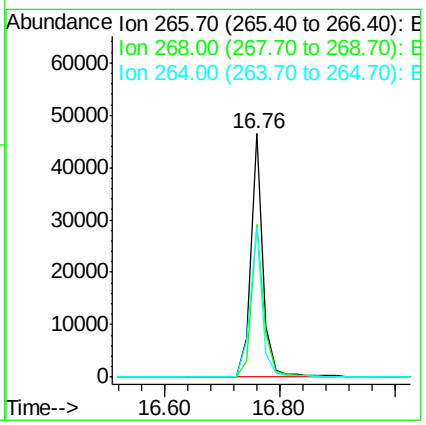


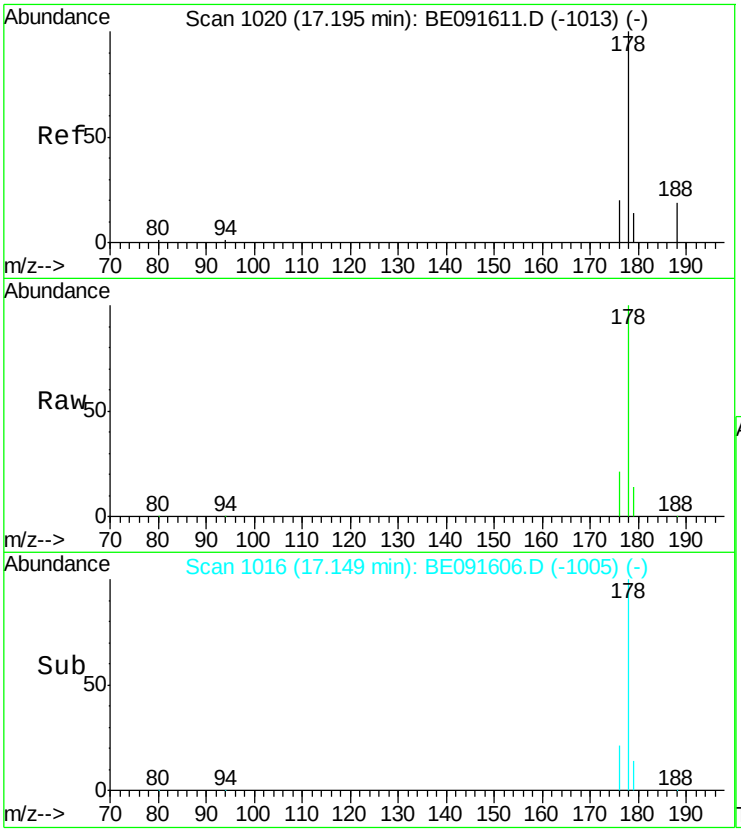


#22
Pentachlorophenol
Concen: 13.72 ng
RT: 16.76 min Scan# 991
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:266 Resp: 68900

Ion	Ratio	Lower	Upper
266	100		
268	62.7	58.2	87.2
264	61.4	56.2	84.4



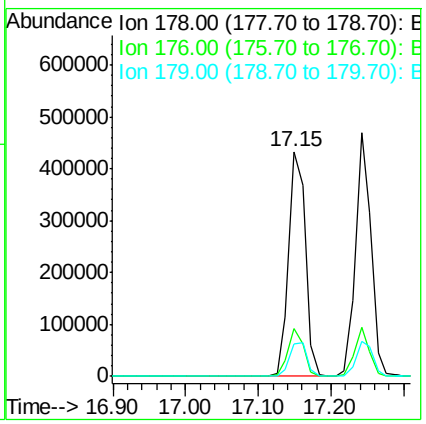


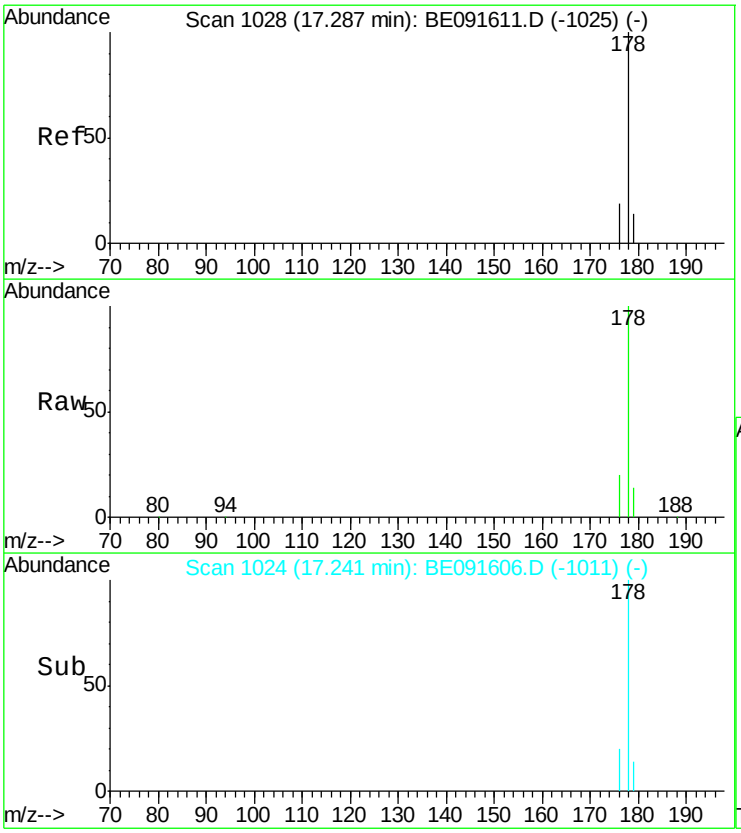
#23
Phenanthrene
Concen: 8.44 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:178 Resp: 762081

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.3	22.9
179	15.7	12.6	18.8

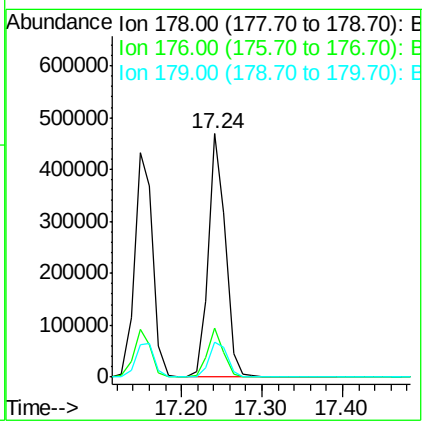


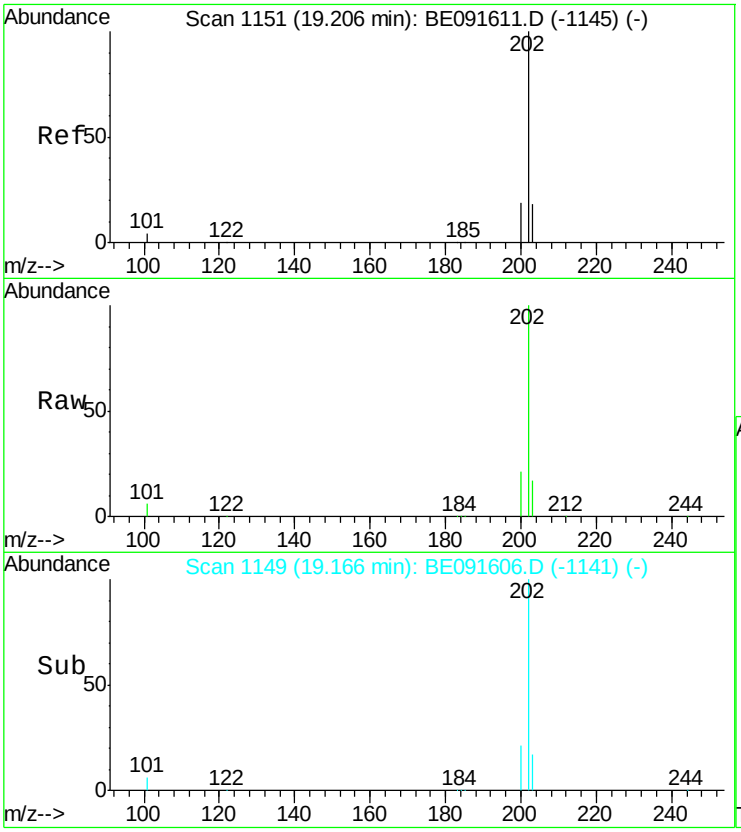


#24
Anthracene
Concen: 8.60 ng
RT: 17.24 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:178 Resp: 694821

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	15.5	11.8	17.6



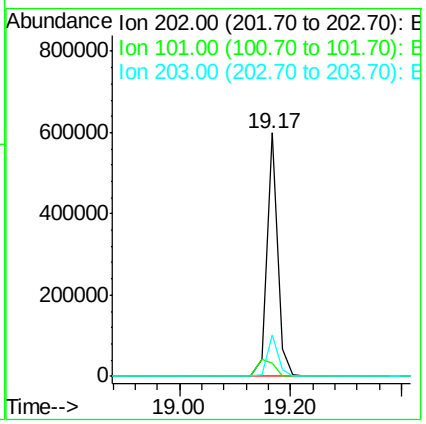


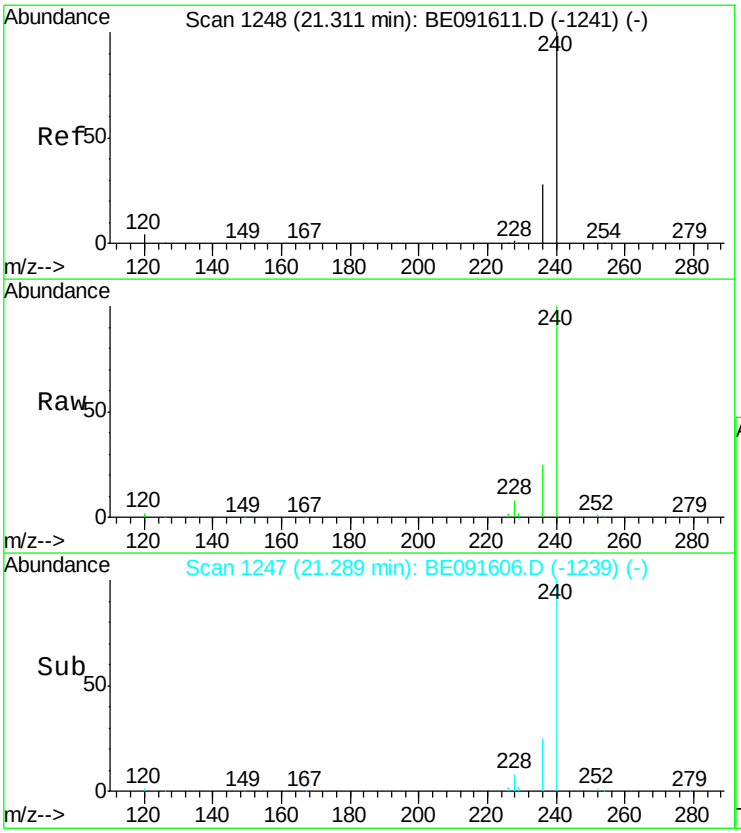
#25
Fluoranthene
Concen: 7.67 ng
RT: 19.17 min Scan# 1149
Delta R.T. -0.04 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:202 Resp: 823360

Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.0	16.6#
203	17.6	13.9	20.9

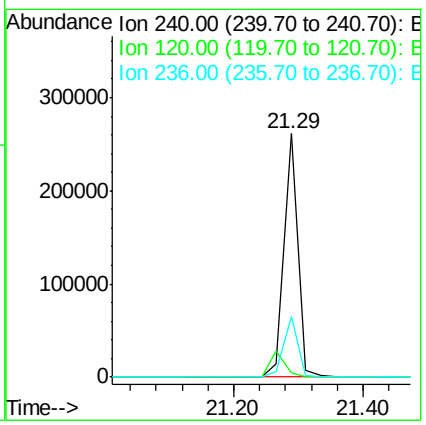


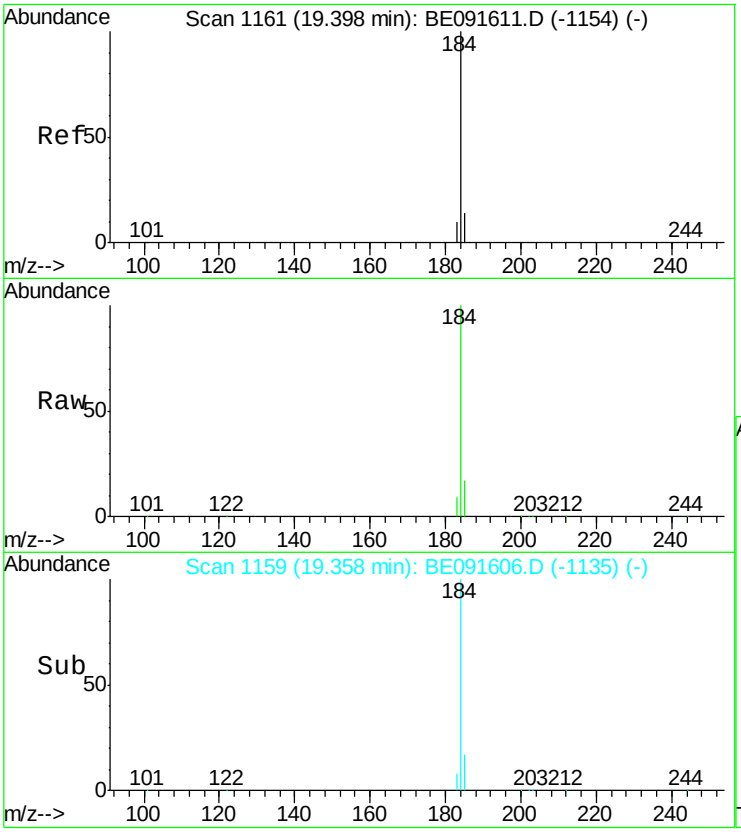


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:240 Resp: 394210

Ion	Ratio	Lower	Upper
240	100		
120	1.5	11.0	16.4#
236	24.9	21.7	32.5



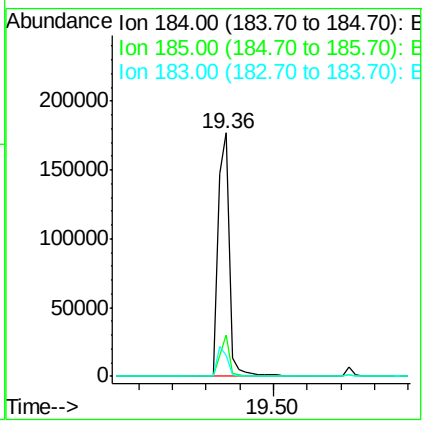


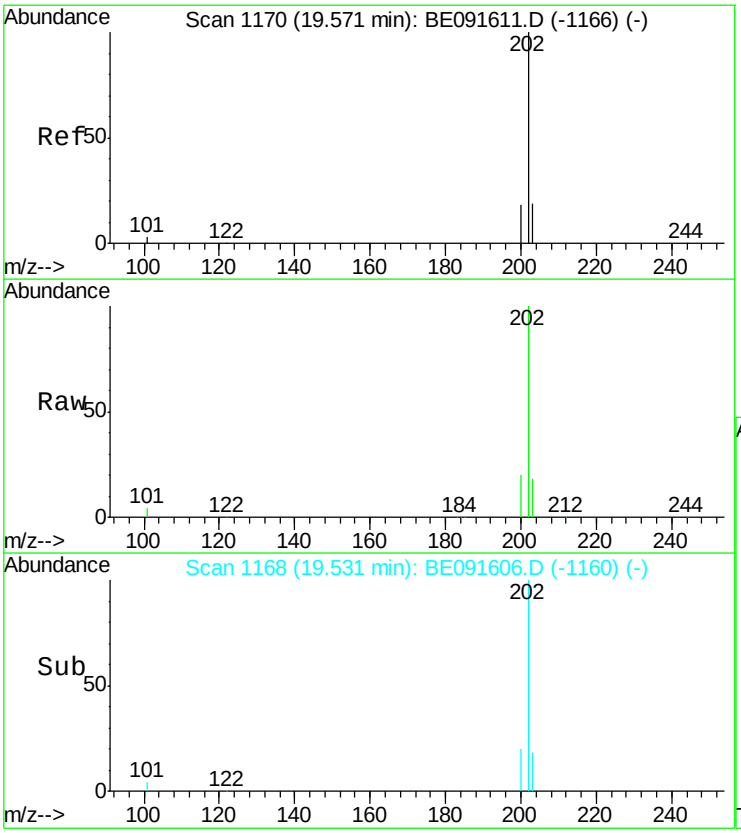
#27
Benzidine
Concen: 57.83 ng
RT: 19.36 min Scan# 1159
Delta R.T. -0.04 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:184 Resp: 411154

Ion	Ratio	Lower	Upper
184	100		
185	17.0	22.3	33.5#
183	8.5	16.4	24.6#

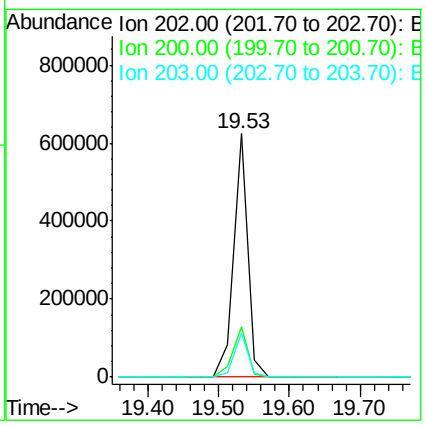


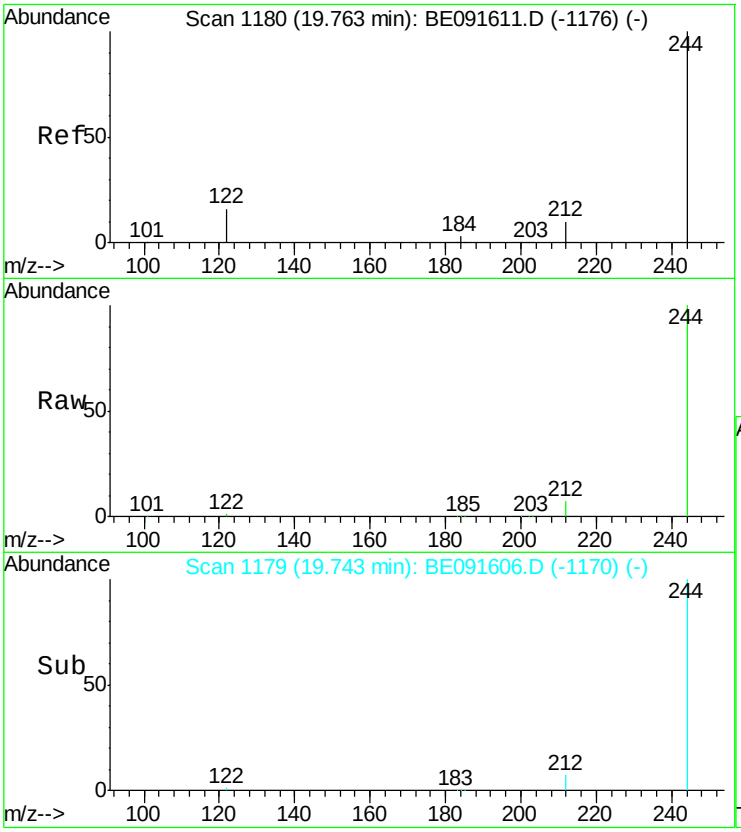


#28
Pyrene
Concen: 8.70 ng
RT: 19.53 min Scan# 1168
Delta R.T. -0.04 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:202 Resp: 875501

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	17.9	14.0	21.0



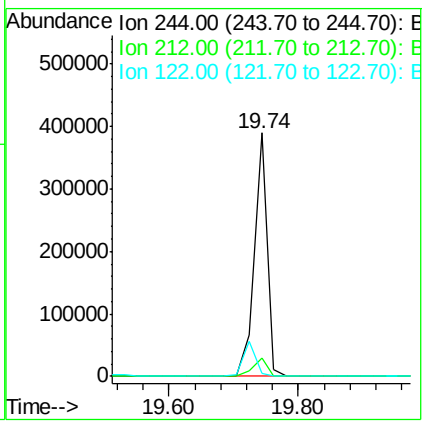


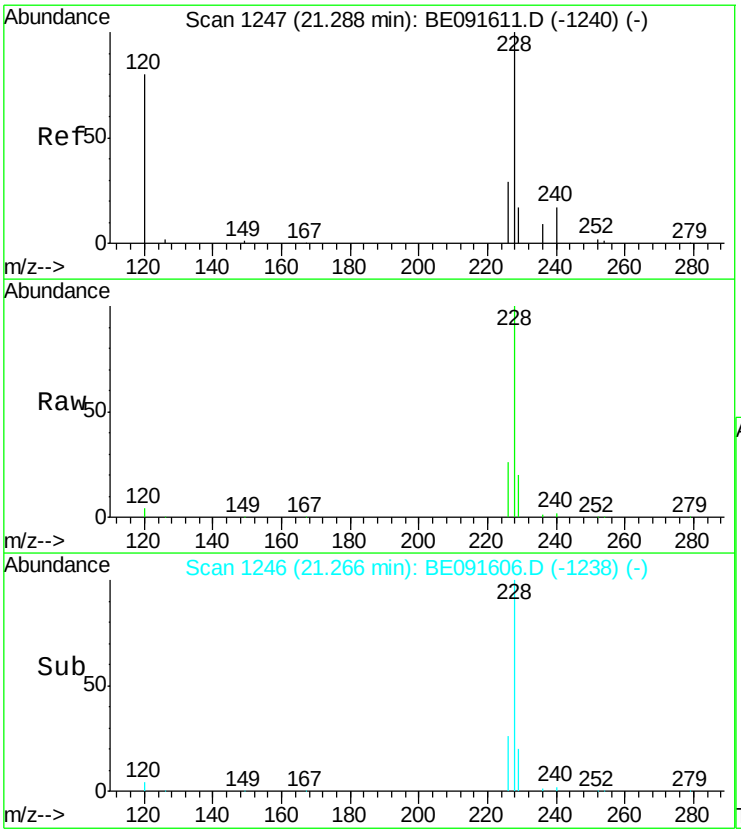
#29
Terphenyl-d14
Concen: 10.91 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:244 Resp: 542720

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.9	10.3
122	1.0	11.0	16.4#

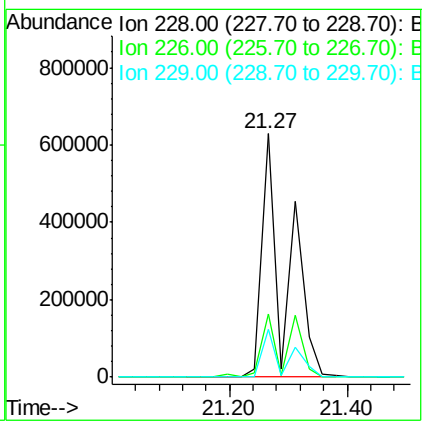


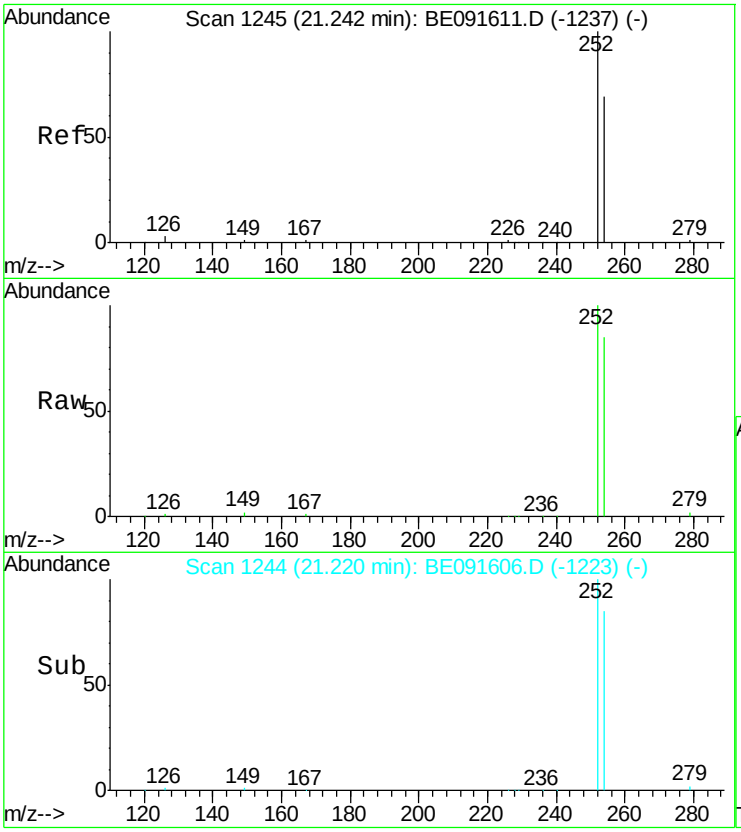


#30
Benzo(a)anthracene
Concen: 18.51 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:228 Resp: 1715407

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.4
229	19.9	15.7	23.5



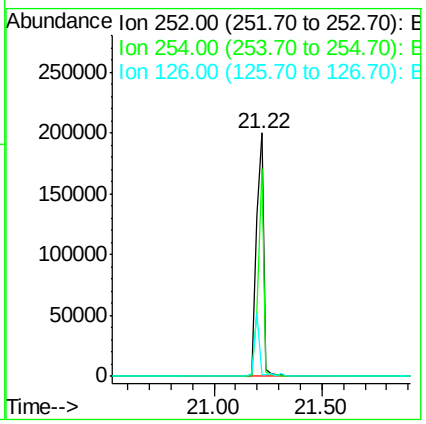


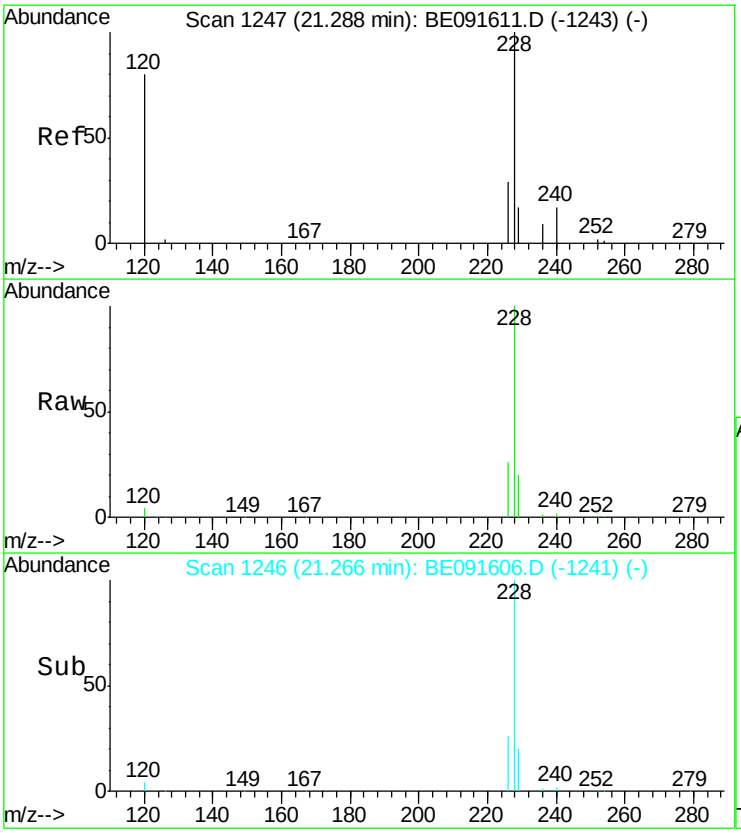
#31
3,3'-Dichlorobenzidine
Concen: 30.18 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 478281

Ion	Ratio	Lower	Upper
252	100		
254	85.4	51.1	76.7#
126	0.6	12.6	18.8#

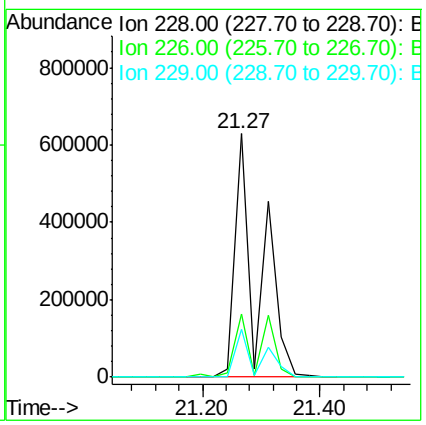


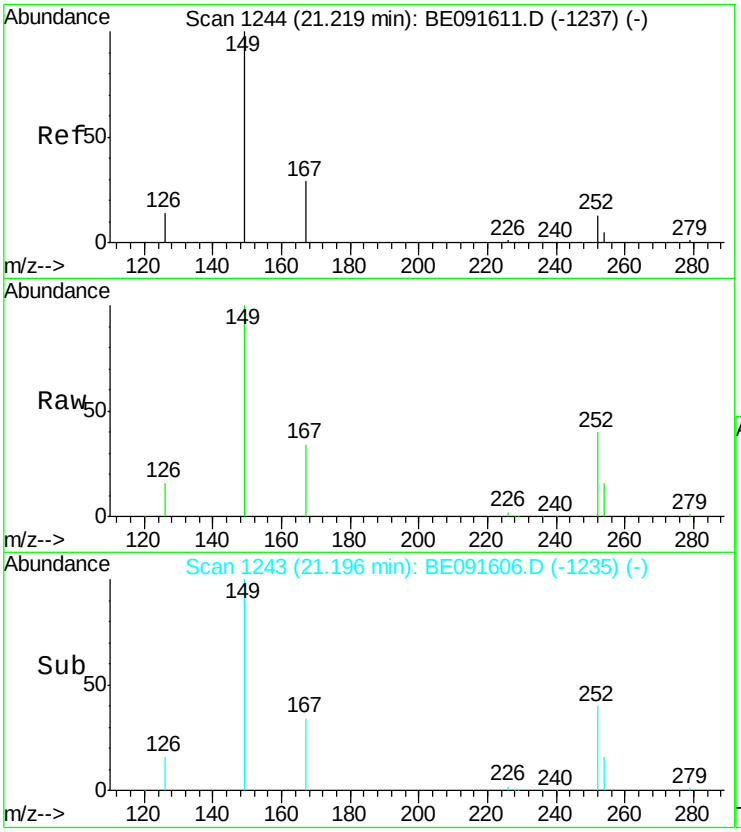


#32
Chrysene
Concen: 14.50 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.09 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:228 Resp: 1720439

Ion	Ratio	Lower	Upper
228	100		
226	26.1	24.0	36.0
229	19.9	15.9	23.9



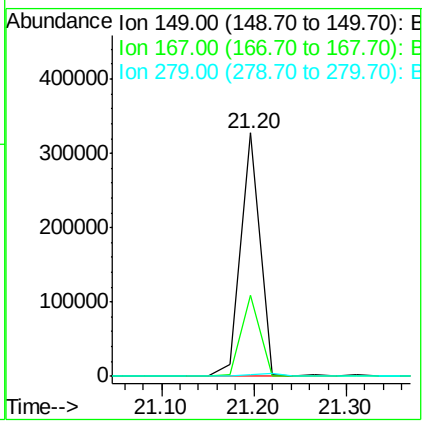


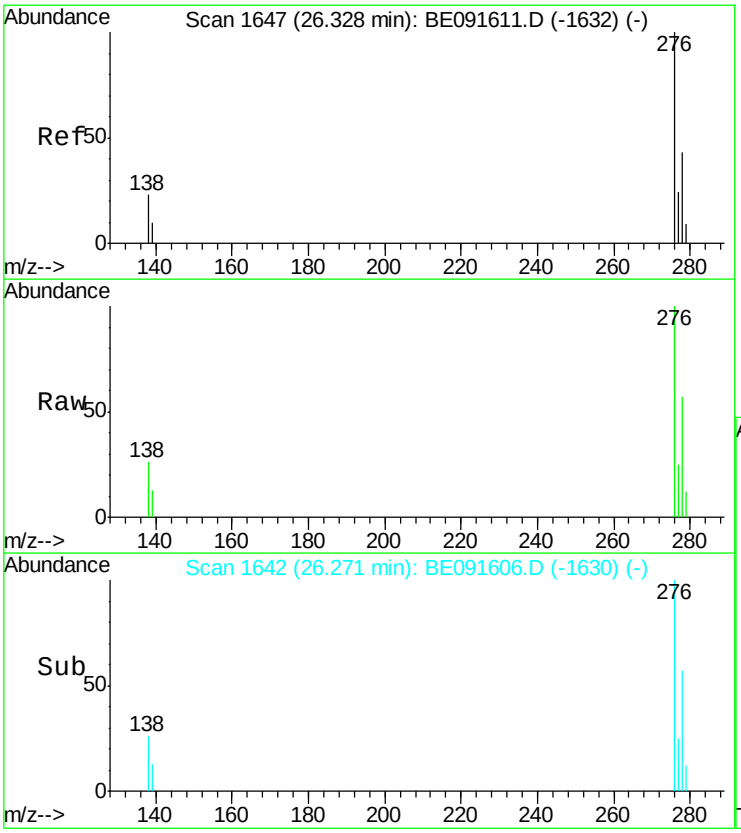
#33
Bis(2-ethylhexyl)phthalate
Concen: 13.08 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:149 Resp: 483268

Ion	Ratio	Lower	Upper
149	100		
167	32.5	19.5	29.3#
279	0.0	10.0	15.0#

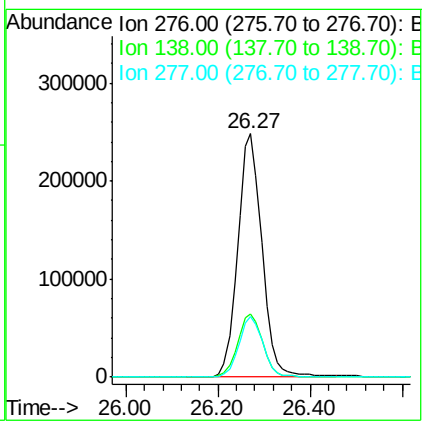


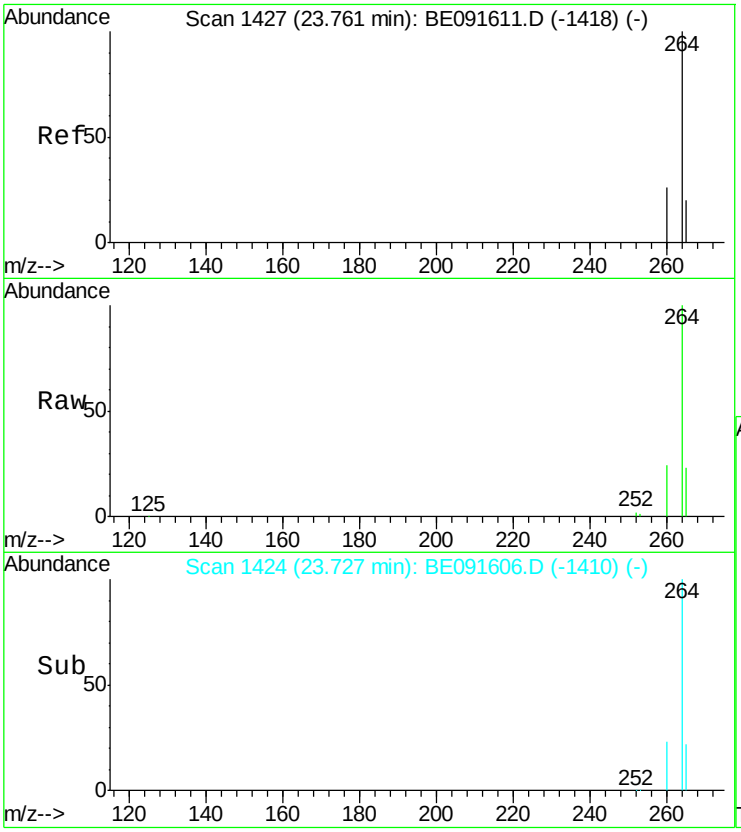


#34
Indeno(1,2,3-cd)pyrene
Concen: 9.47 ng
RT: 26.27 min Scan# 1642
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:276 Resp: 905478

Ion	Ratio	Lower	Upper
276	100		
138	26.8	23.4	35.2
277	25.0	19.8	29.8



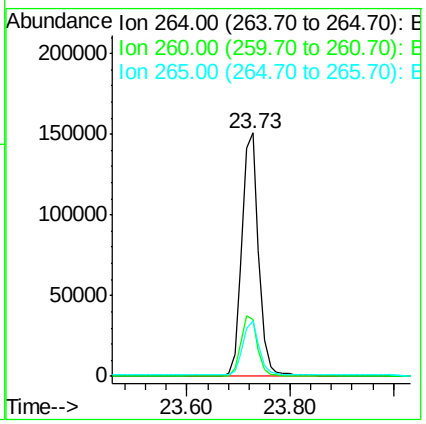


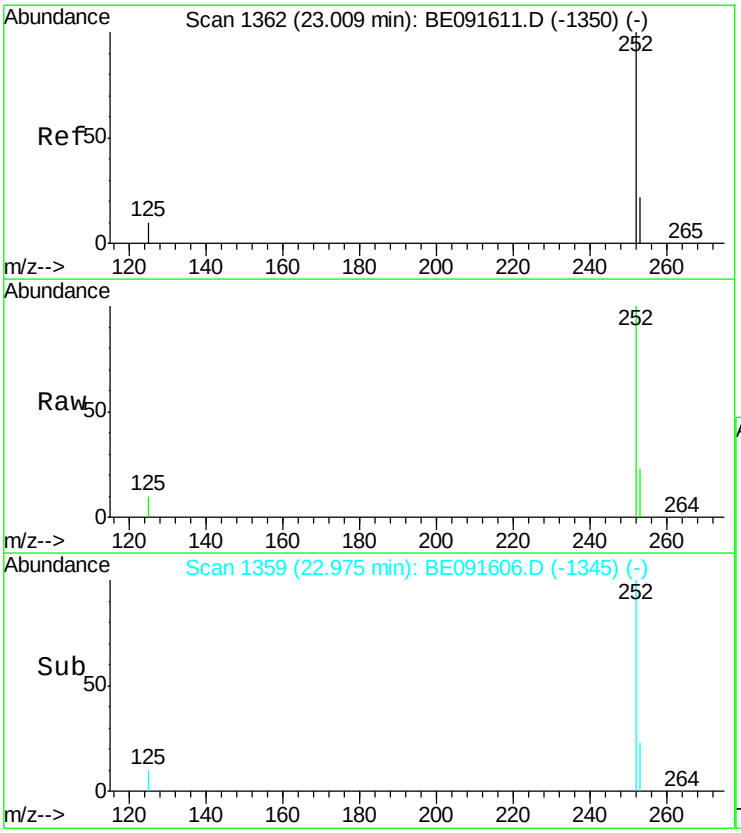
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.03 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:264 Resp: 340049

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.0	30.0
265	22.9	17.5	26.3

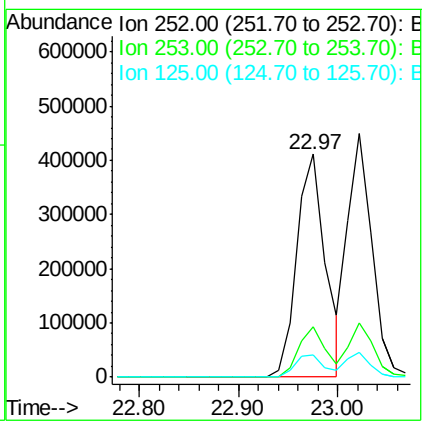


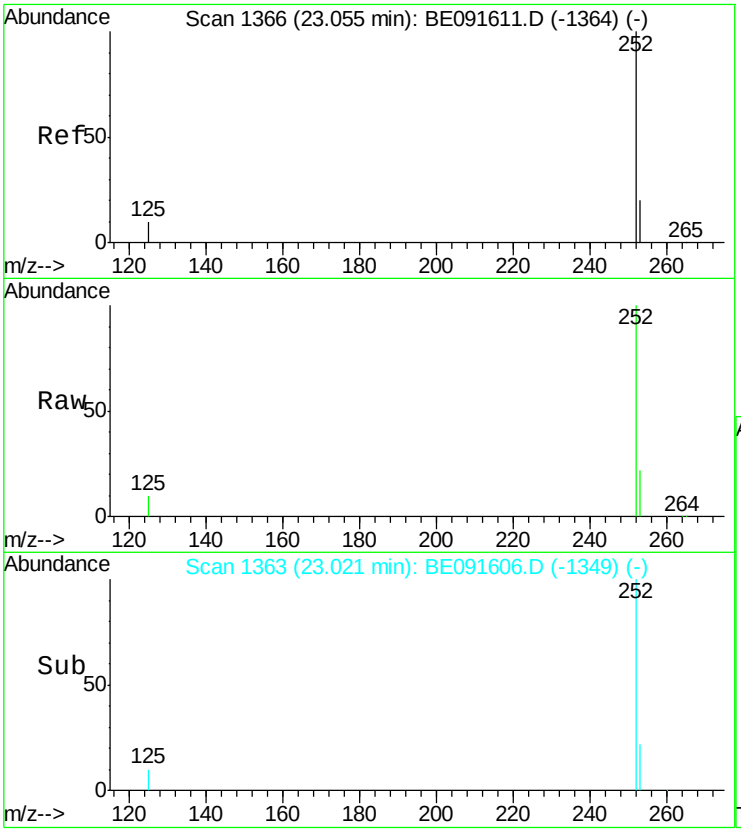


#36
Benzo(b)fluoranthene
Concen: 10.93 ng
RT: 22.97 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:252 Resp: 819285

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	9.7	10.2	15.2#



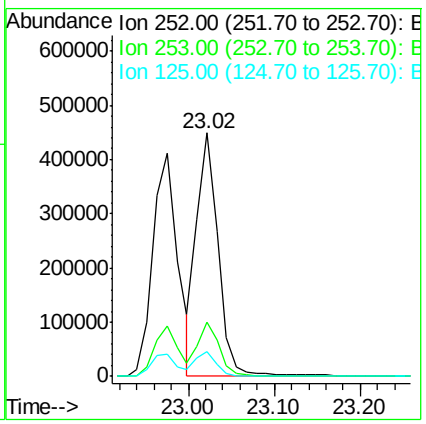


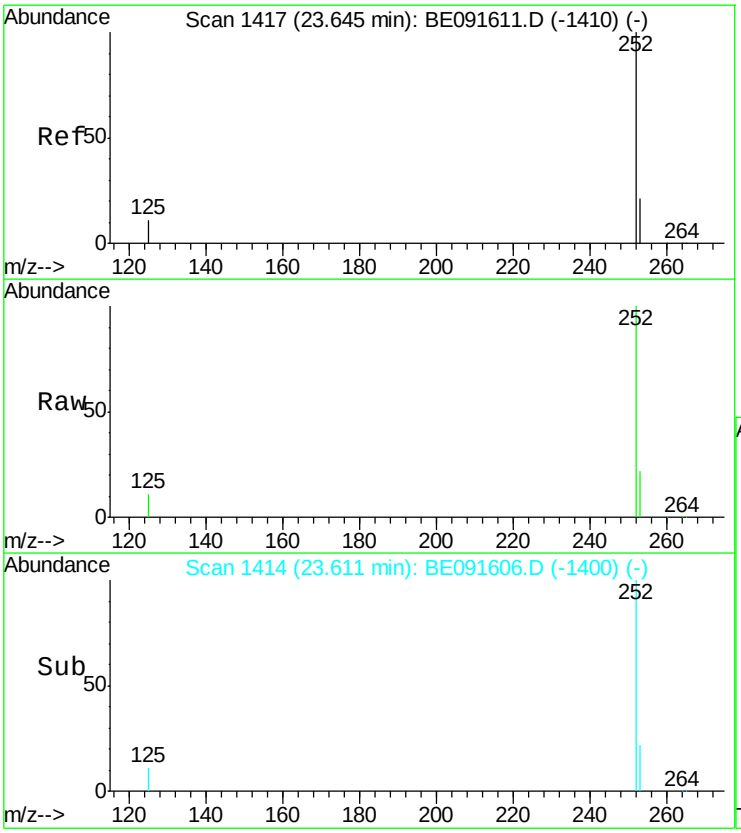
#37
Benzo(k)fluoranthene
Concen: 7.49 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.03 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 771550

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.1	9.9	14.9

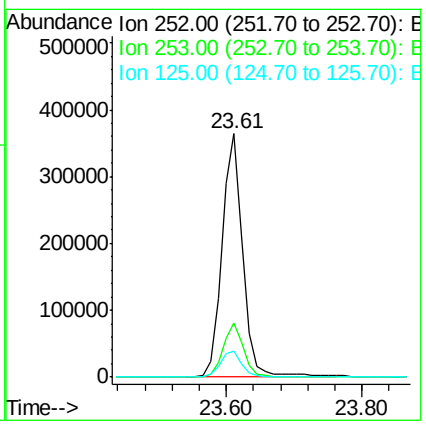


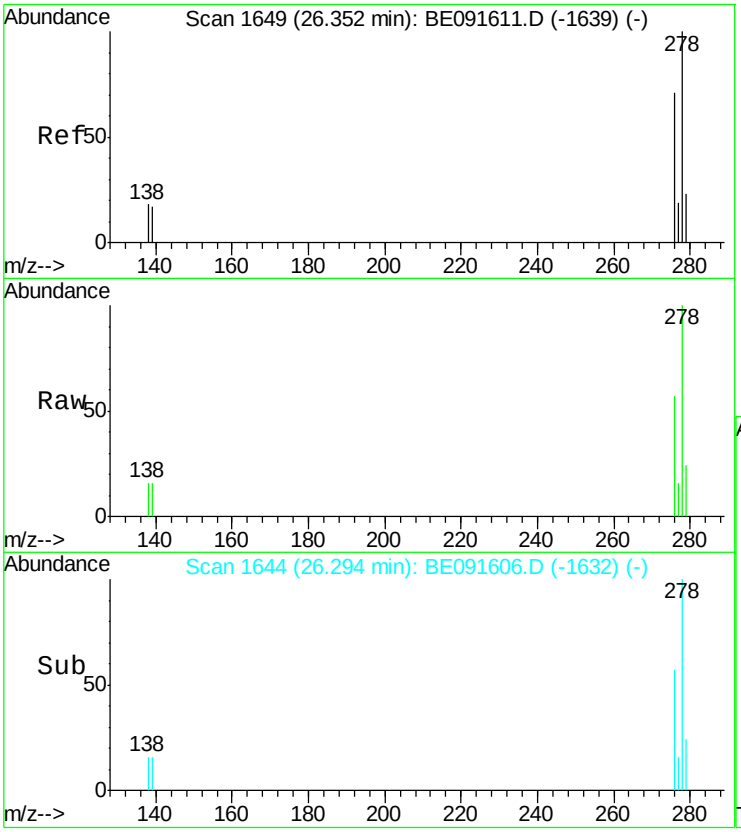


#38
Benzo(a)pyrene
Concen: 11.17 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:252 Resp: 776615

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.8	11.0	16.4#



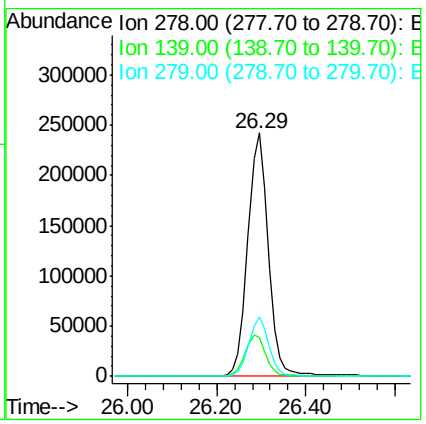


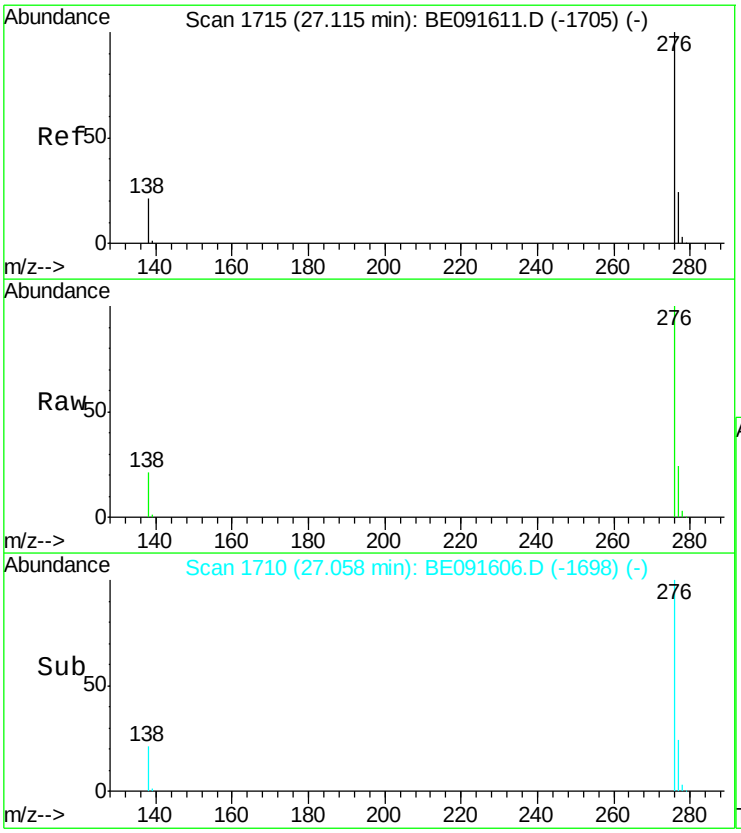
#39
Dibenzo(a,h)anthracene
Concen: 11.01 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:278 Resp: 755937

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	24.2	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 10.39 ng
RT: 27.06 min Scan# 1710
Delta R.T. -0.06 min
Lab File: BE091606.D
Acq: 8 Apr 2016 10:39

Tgt Ion:276 Resp: 774420

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	21.0	20.4	30.6