Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091703.D
Acq On : 26 Apr 2016 14:23
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC10

Quant Time: Apr 26 14:54:01 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39066	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	188172	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	113602	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	265030	5.00	ng		0.00
26) Chrysene-d12	21.31	240	340059	5.00	ng		0.00
35) Perylene-d12	23.75	264	295152	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	98579	11.41	ng		0.00
5) Phenol-d6	6.96	99	139840	11.96	ng		0.00
8) Nitrobenzene-d5	8.95	82	133893	13.34	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	48414	18.23	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	302031	9.61	ng		0.00
29) Terphenyl-d14	19.76	244	492913	9.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	42731	8.89	ng		90
3) n-Nitrosodimethylamine	3.63	42	72986	13.01	ng	#	89
6) bis(2-Chloroethyl)ether	7.21	93	113872	10.85	ng	#	76
9) Nitrobenzene	8.99	77	143789	14.31	ng	#	92
10) Naphthalene	10.61	128	367727	9.59	ng		96
11) Hexachlorobutadiene	10.92	225	57223	10.43	ng		98
12) 2-Methylnaphthalene	12.23	142	247649	10.07	ng		93
16) Acenaphthylene	14.12	152	491991	10.83	ng	#	87
17) Acenaphthene	14.47	154	285303	10.20	ng		95
18) Fluorene	15.46	166	346809	10.00	ng		97
20) 4-Bromophenyl-phenylether	16.33	248	98659	10.91	ng		96
21) Hexachlorobenzene	16.45	284	95046	9.78	ng		96
22) Pentachlorophenol	16.79	266	61413	19.45	ng		89
23) Phenanthrene	17.18	178	586083	9.85	ng		99
24) Anthracene	17.27	178	585871	11.03	ng		98
25) Fluoranthene	19.19	202	665929	11.31	ng		98
27) Benzidine	19.38	184	354772	17.87	ng	#	76
28) Pyrene	19.55	202	731032	9.30	ng		98
30) Benzo(a)anthracene	21.29	228	1537242	18.60	ng		98
31) 3,3'-Dichlorobenzidine	21.22	252	430975	12.42	ng	#	80
32) Chrysene	21.29	228	1541759	17.12	ng		94
33) Bis(2-ethylhexyl)phthalate	21.20	149	293103	18.47	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.31	276	766194	9.51	ng		97
36) Benzo(b)fluoranthene	23.00	252	695857	9.83	ng		98
37) Benzo(k)fluoranthene	23.04	252	716391	10.29	ng		98
38) Benzo(a)pyrene	23.63	252	677993	11.07	ng		96
39) Dibenzo(a,h)anthracene	26.34	278	639956	10.20	ng	#	96
40) Benzo(g,h,i)perylene	27.10	276	642784	9.99	ng		96

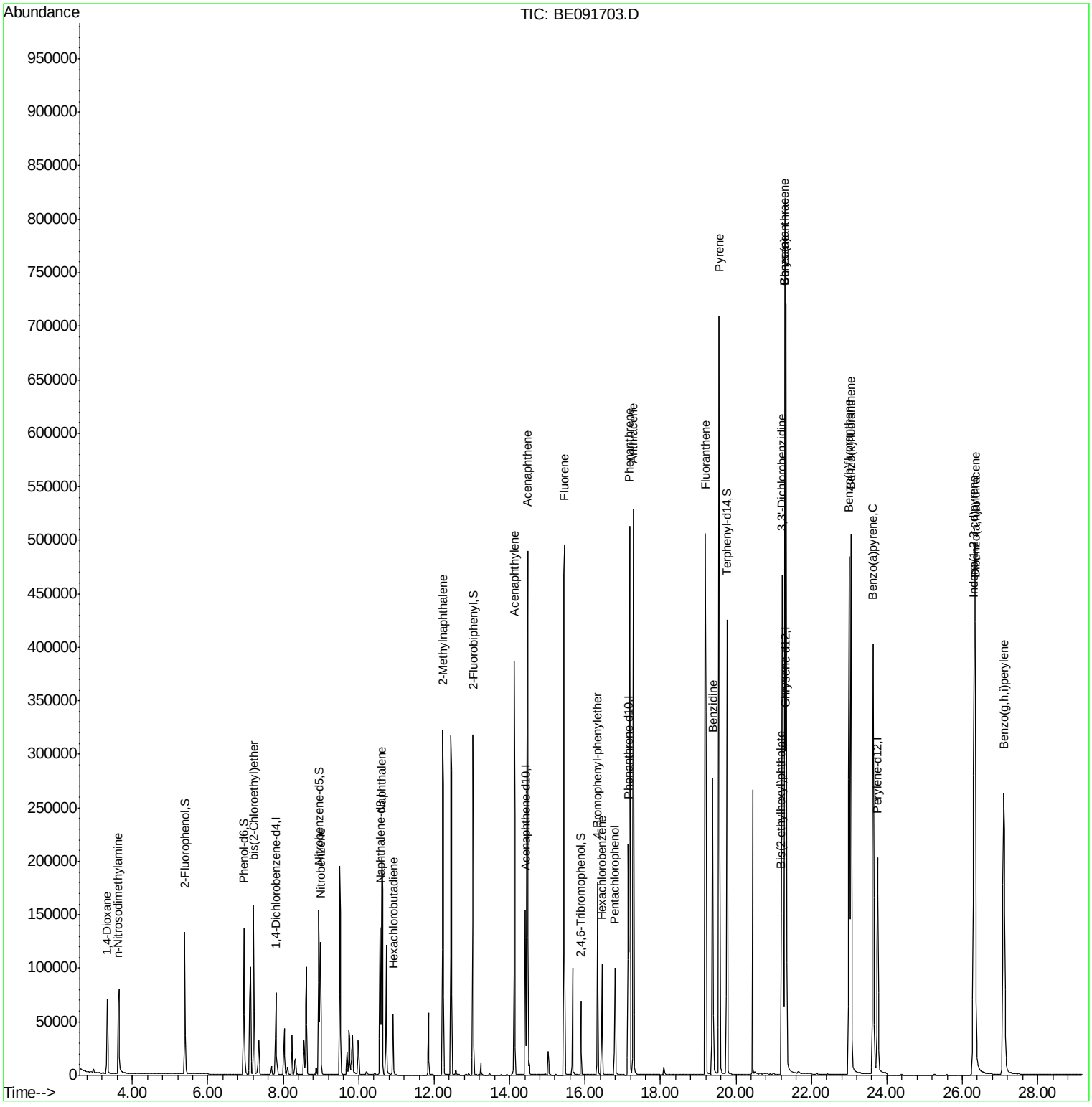
(#) = qualifier out of range (m) = manual integration (+) = signals summed

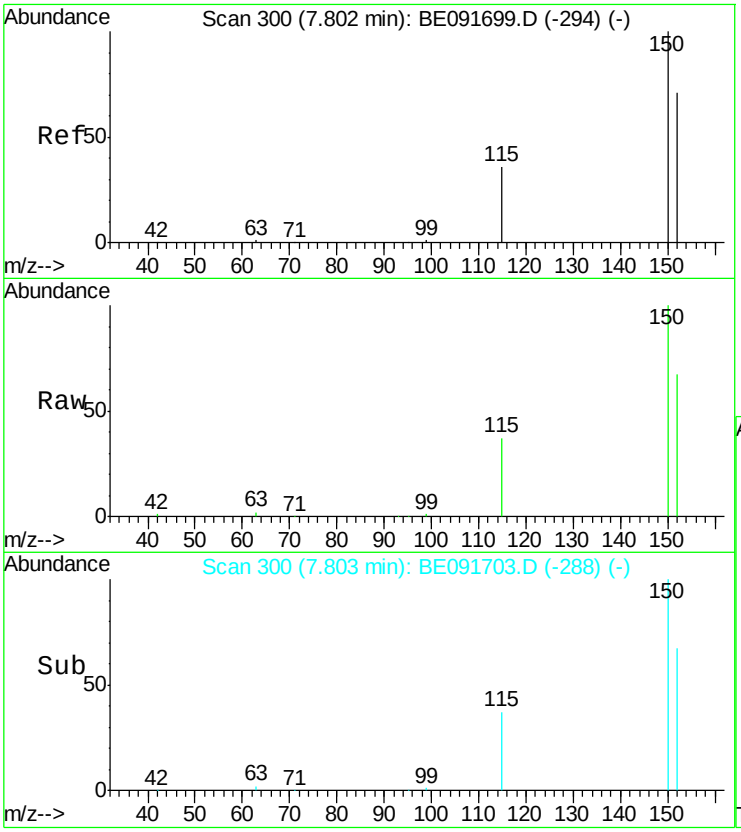
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091703.D
Acq On : 26 Apr 2016 14:23
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Quant Time: Apr 26 14:54:01 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration



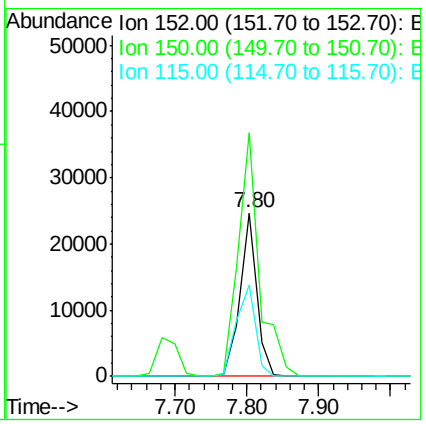


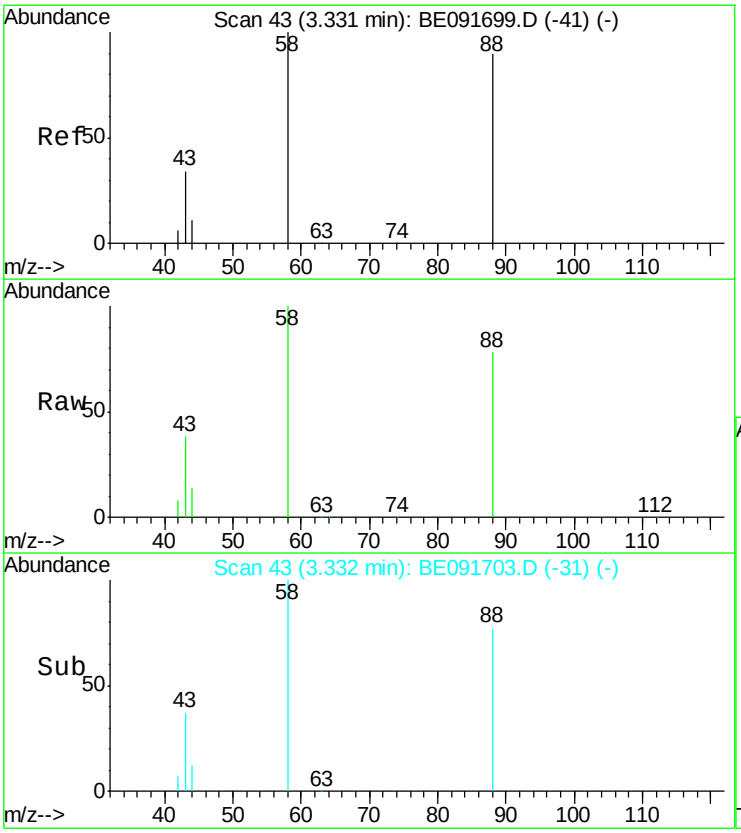
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:152 Resp: 39066

Ion	Ratio	Lower	Upper
152	100		
150	148.9	122.6	183.8
115	55.5	52.8	79.2

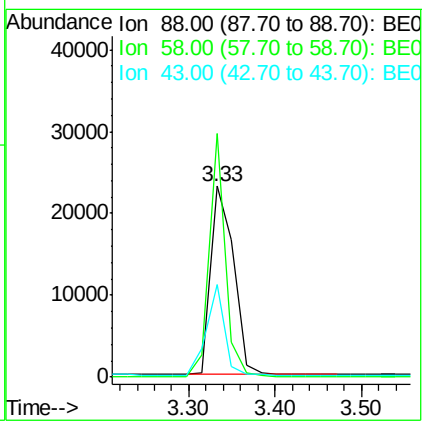


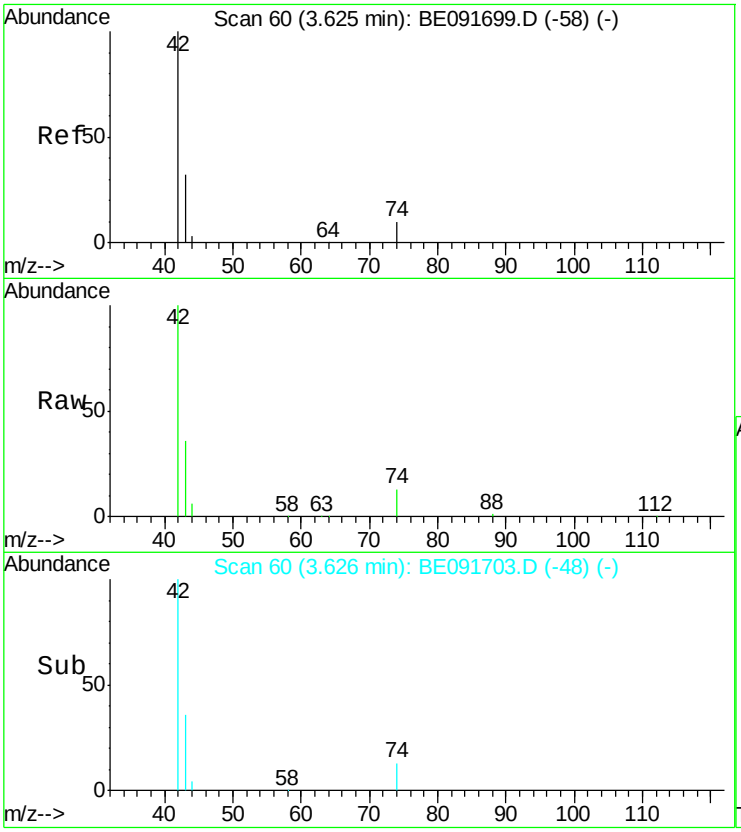


#2
1,4-Dioxane
Concen: 8.89 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion: 88 Resp: 42731

Ion	Ratio	Lower	Upper
88	100		
58	90.5	65.8	98.6
43	37.8	25.3	37.9



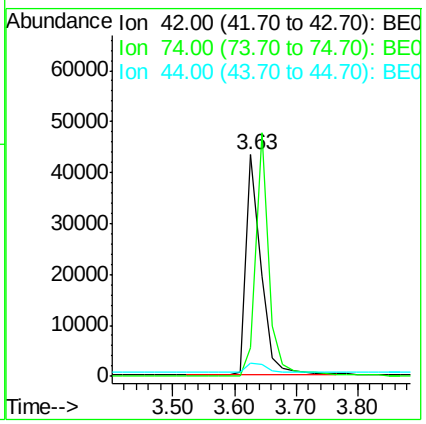


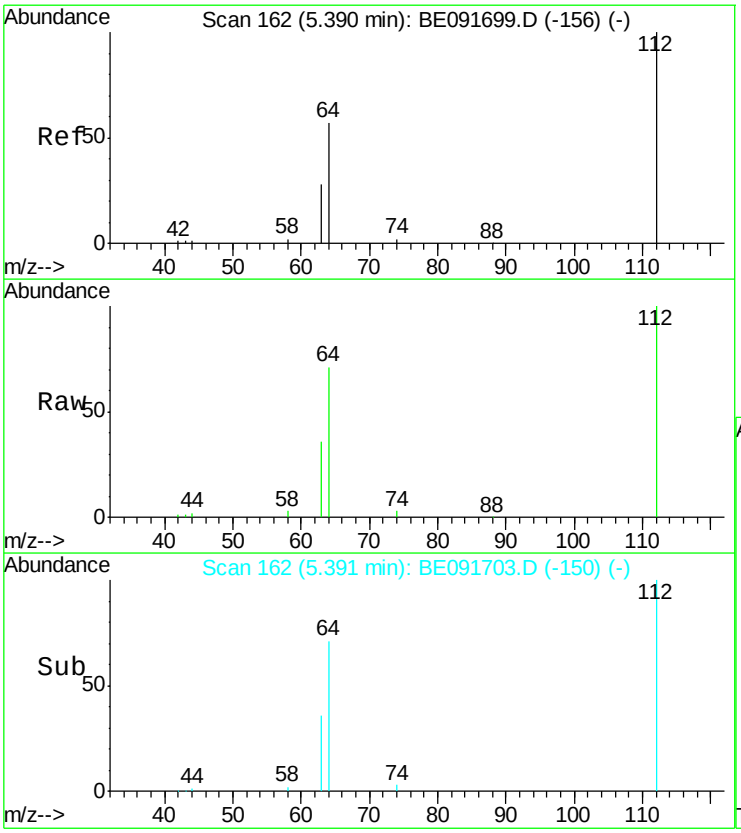
#3
n-Nitrosodimethylamine
Concen: 13.01 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 42 Resp: 72986

Ion	Ratio	Lower	Upper
42	100		
74	97.8	87.9	131.9
44	5.7	6.6	9.8#

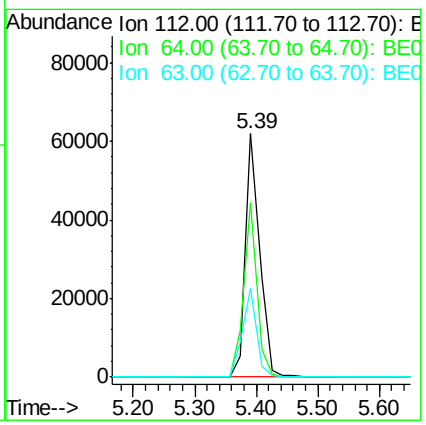


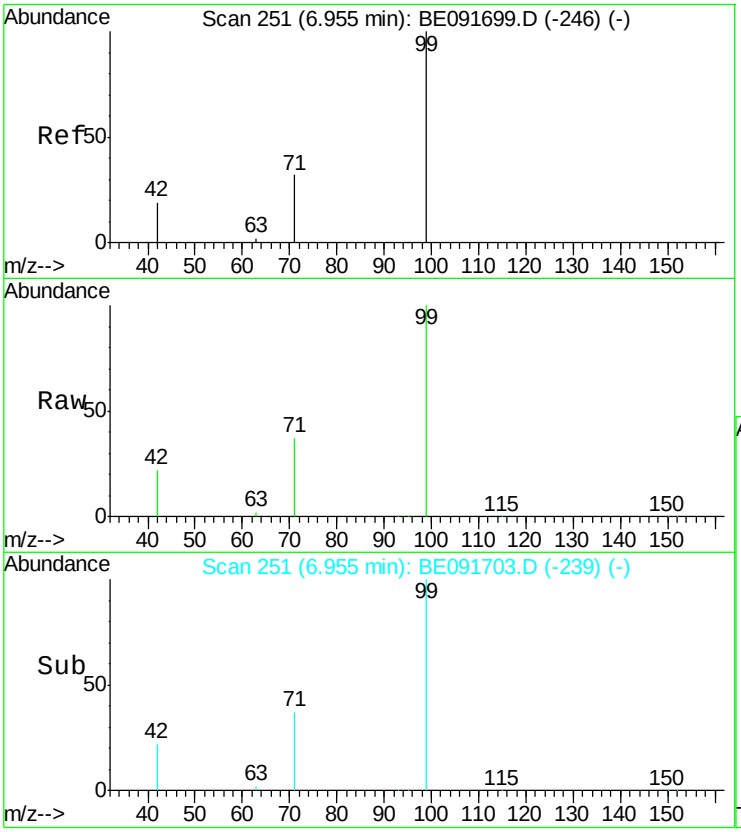


#4
2-Fluorophenol
Concen: 11.41 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:112 Resp: 98579

Ion	Ratio	Lower	Upper
112	100		
64	67.6	30.9	46.3#
63	36.4	16.7	25.1#



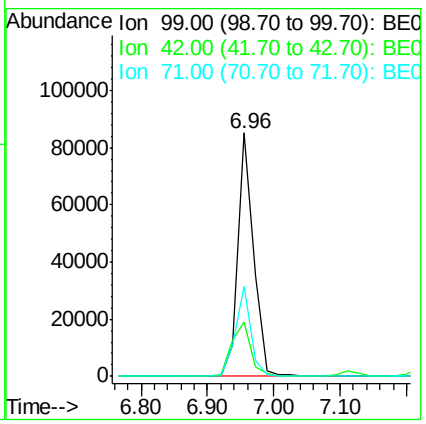


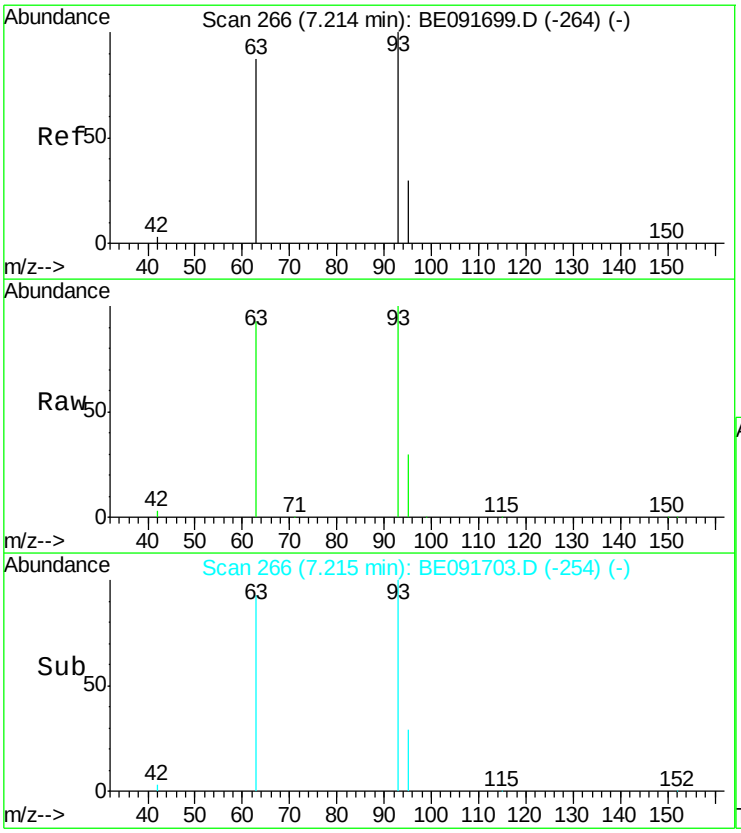
#5
Phenol-d6
Concen: 11.96 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 99 Resp: 139840

Ion	Ratio	Lower	Upper
99	100		
42	26.8	16.2	24.2#
71	36.0	29.0	43.4

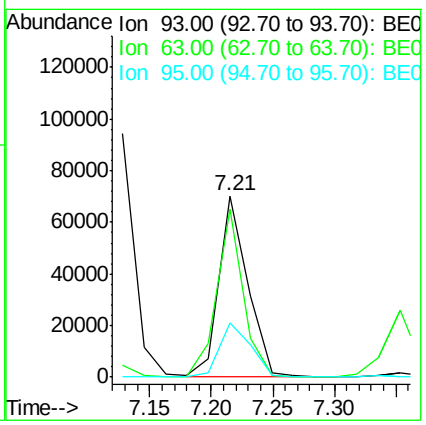


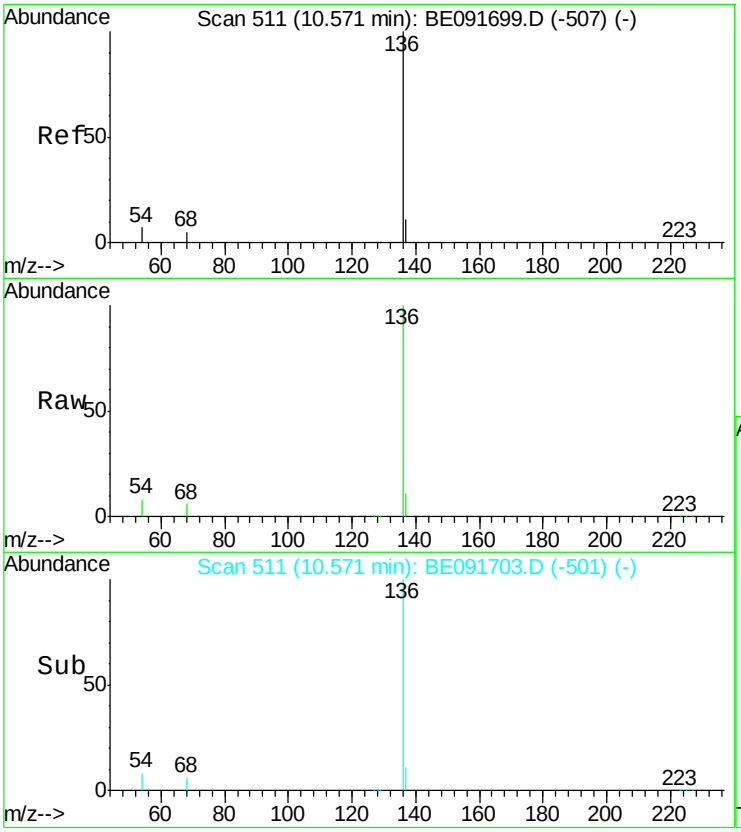


#6
bis(2-Chloroethyl)ether
Concen: 10.85 ng
RT: 7.21 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion: 93 Resp: 113872

Ion	Ratio	Lower	Upper
93	100		
63	85.7	49.5	74.3#
95	32.5	22.2	33.4



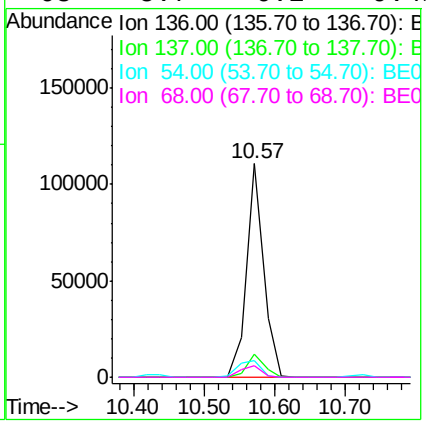


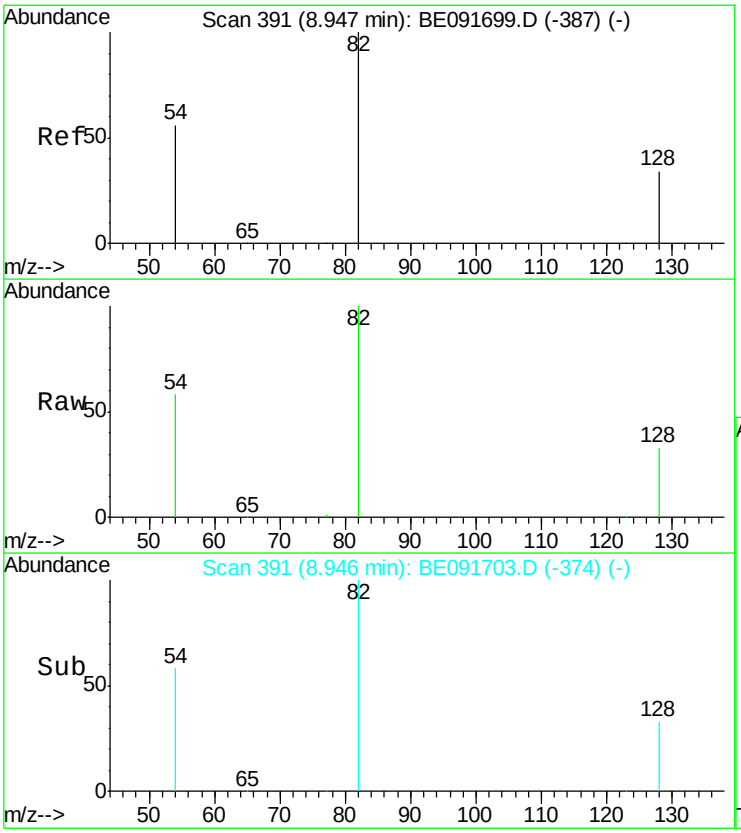
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:136 Resp: 188172

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	8.2	12.4#
68	5.7	6.2	9.4#

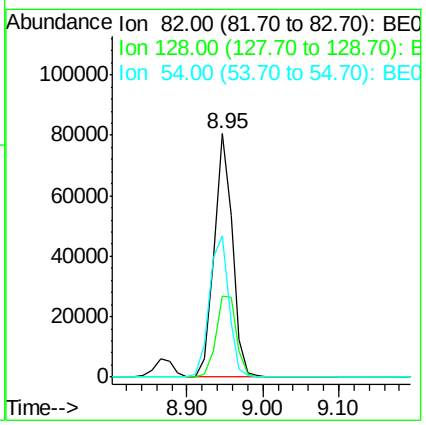


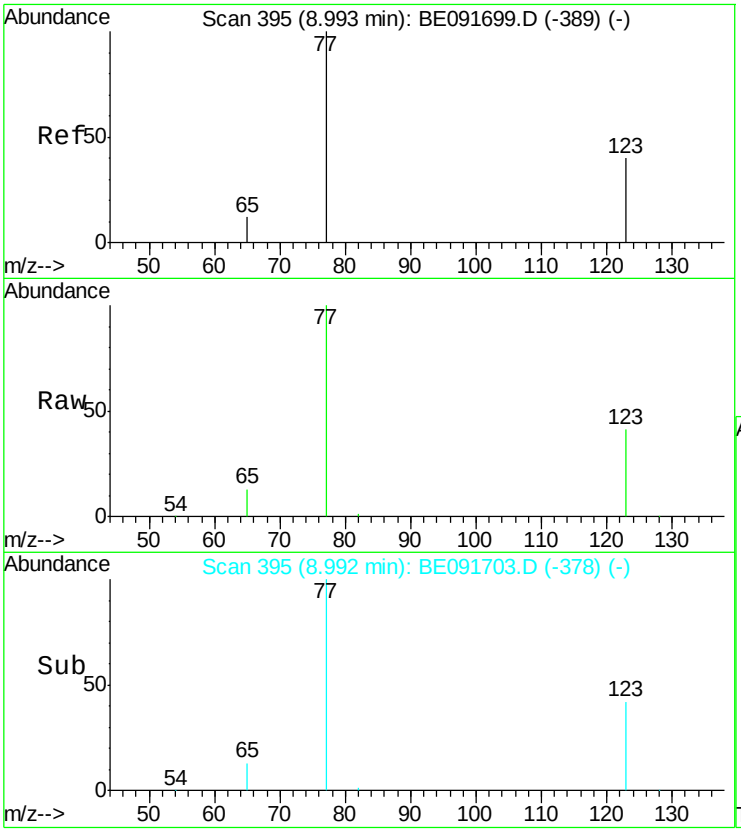


#8
Nitrobenzene-d5
Concen: 13.34 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion: 82 Resp: 133893

Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.4	38.0
54	58.0	48.4	72.6



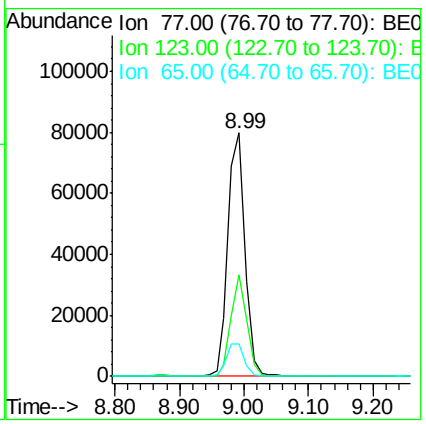


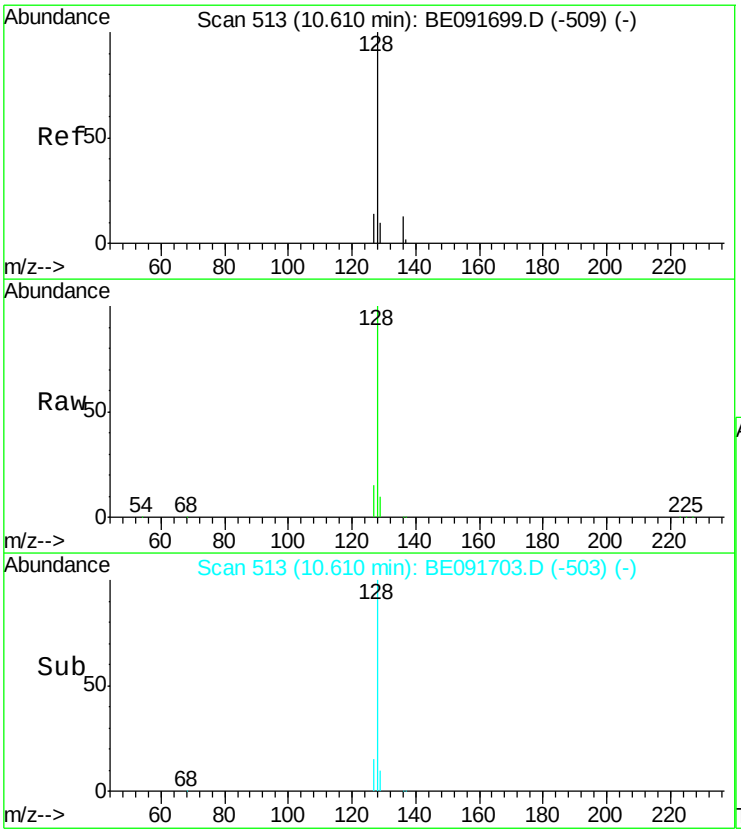
#9
Nitrobenzene
Concen: 14.31 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 77 Resp: 143789

Ion	Ratio	Lower	Upper
77	100		
123	38.6	26.9	40.3
65	14.2	9.4	14.2#

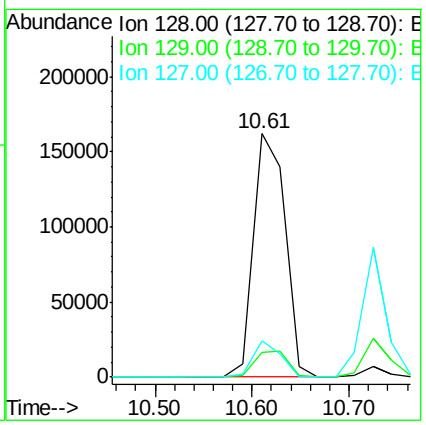


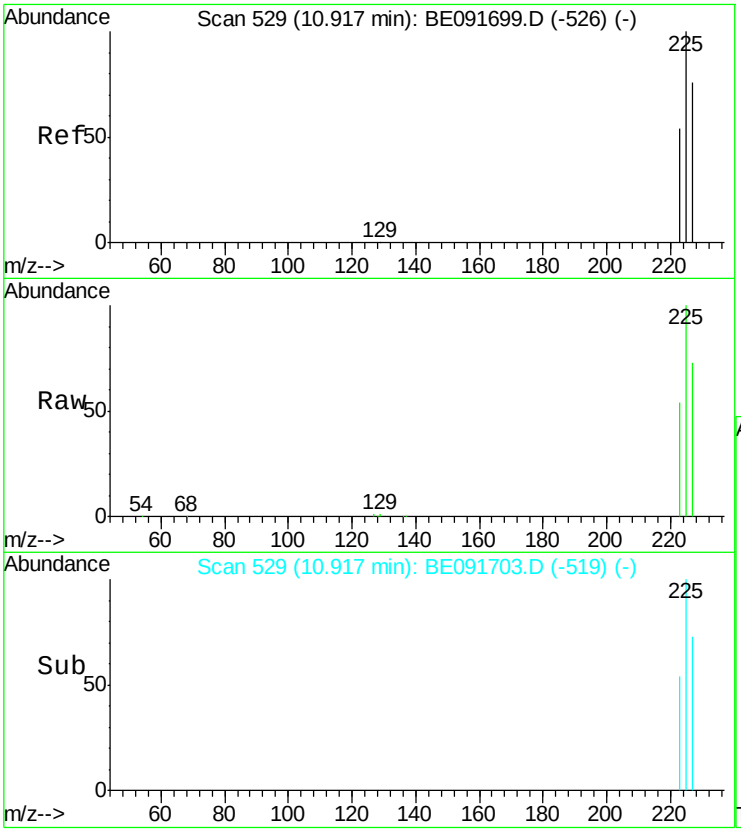


#10
Naphthalene
Concen: 9.59 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:128 Resp: 367727

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.3	13.9
127	14.8	10.7	16.1



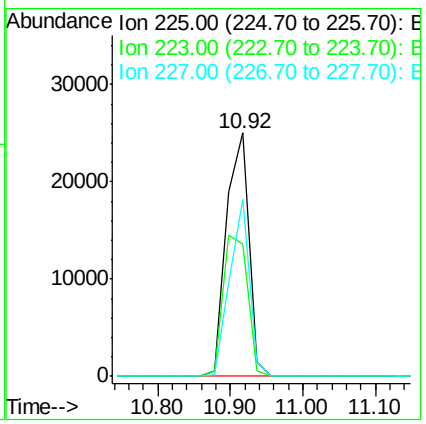


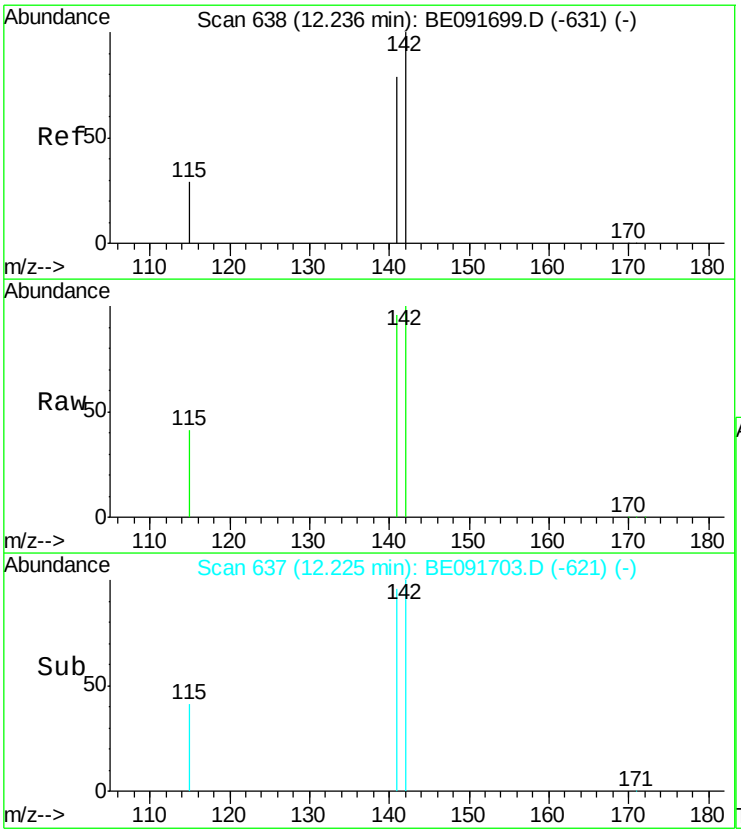
#11
Hexachlorobutadiene
Concen: 10.43 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:225 Resp: 57223

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.0	73.6
227	64.1	50.3	75.5

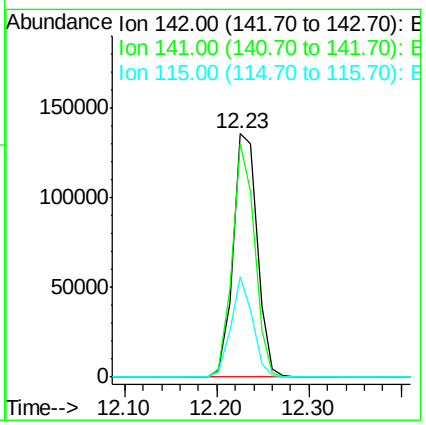


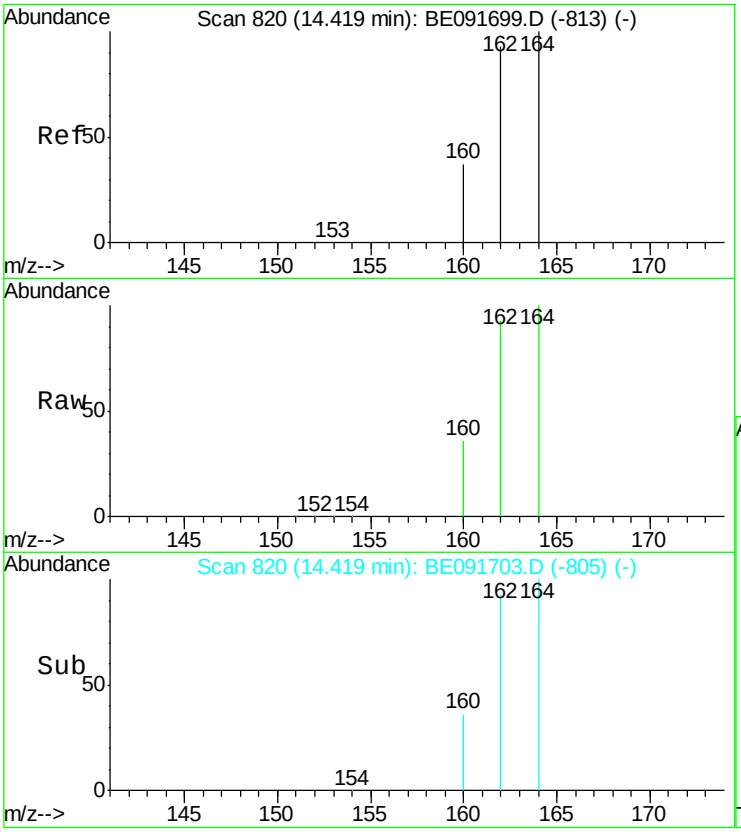


#12
2-Methylnaphthalene
Concen: 10.07 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:142 Resp: 247649

Ion	Ratio	Lower	Upper
142	100		
141	96.0	71.4	107.0
115	41.4	30.3	45.5



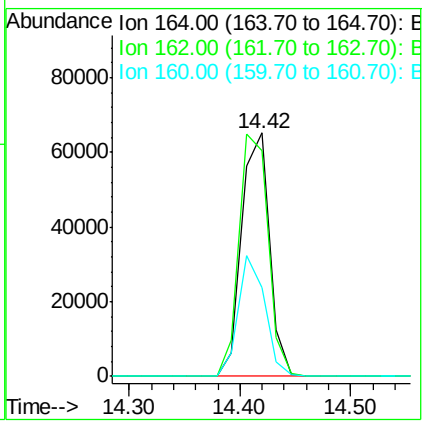


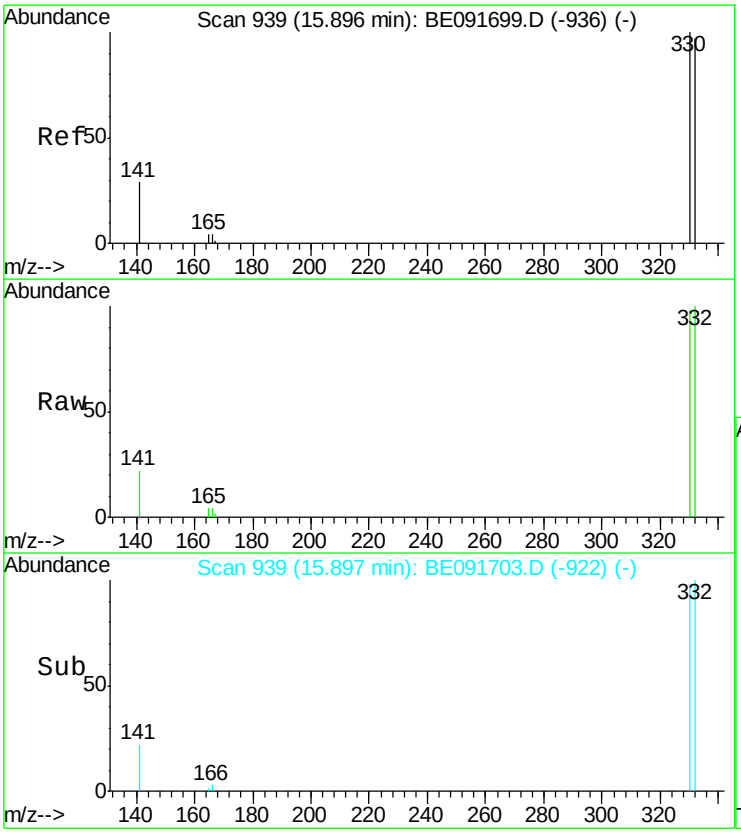
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:164 Resp: 113602

Ion	Ratio	Lower	Upper
164	100		
162	92.6	85.3	127.9
160	36.4	46.2	69.2#

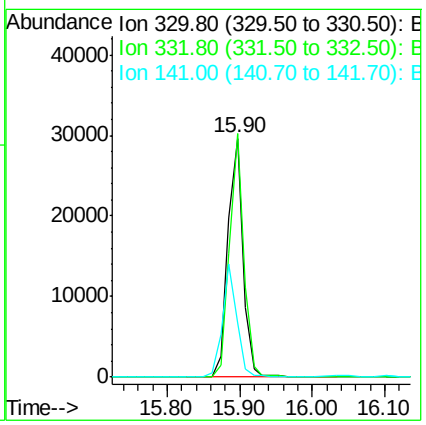


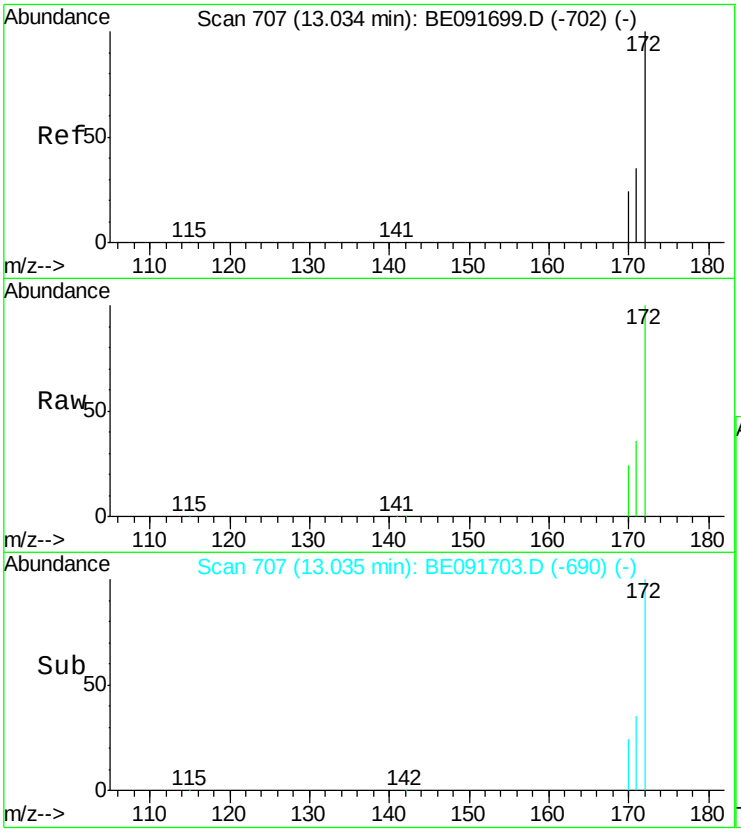


#14
2,4,6-Tribromophenol
Concen: 18.23 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:330 Resp: 48414

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	39.7	125.4	188.0#



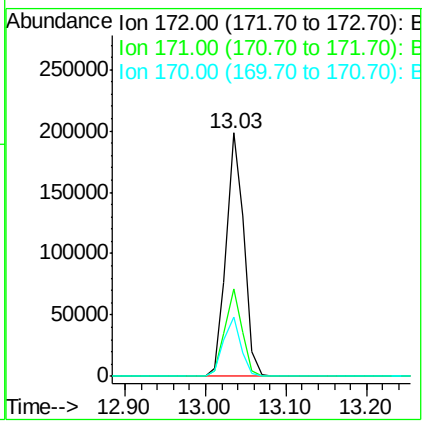


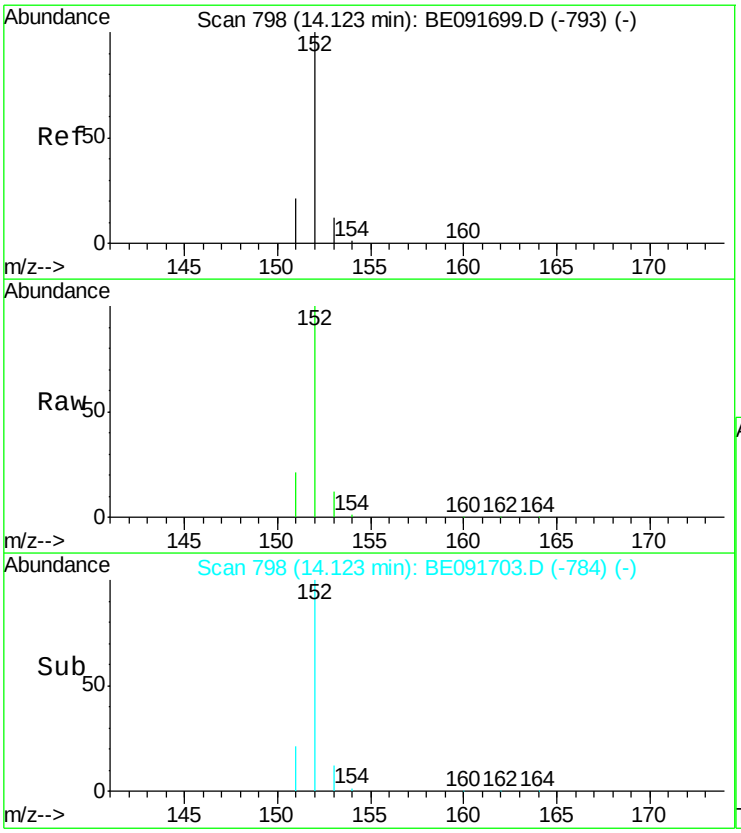
#15
2-Fluorobiphenyl
Concen: 9.61 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:172 Resp: 302031

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	24.2	19.3	28.9

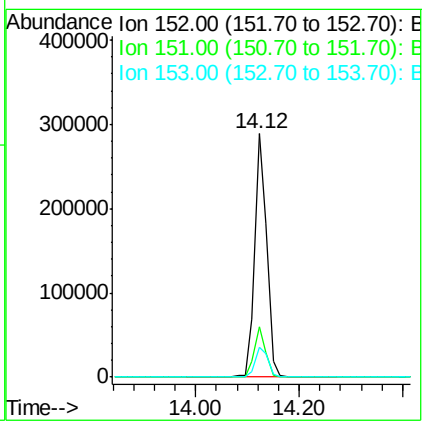


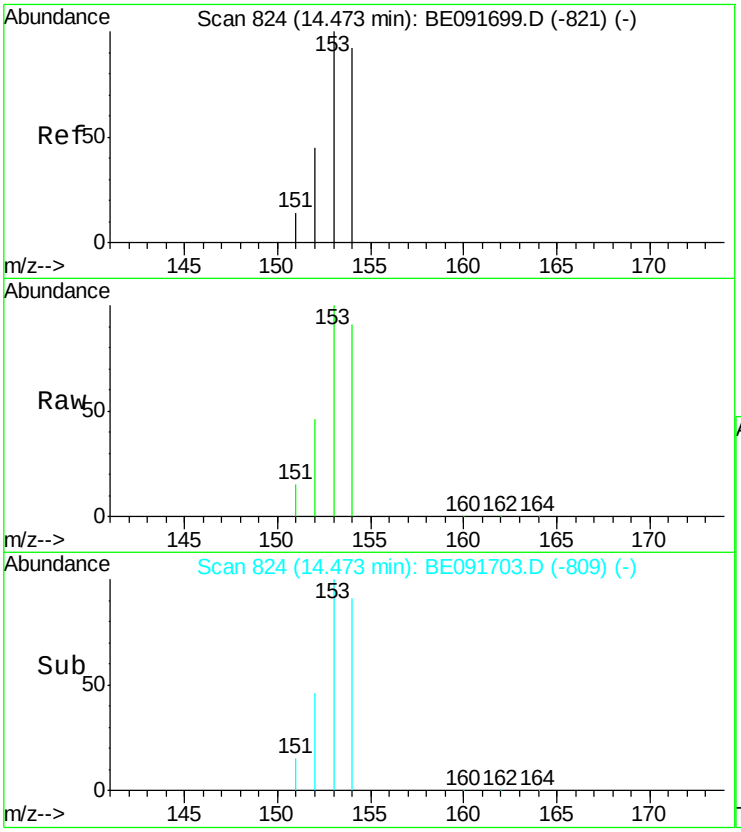


#16
Acenaphthylene
Concen: 10.83 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:152 Resp: 491991

Ion	Ratio	Lower	Upper
152	100		
151	20.0	3.9	5.9#
153	13.3	10.3	15.5



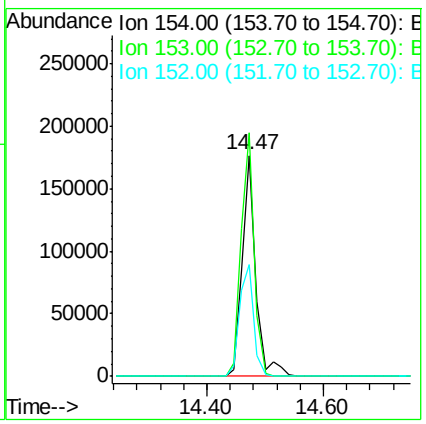


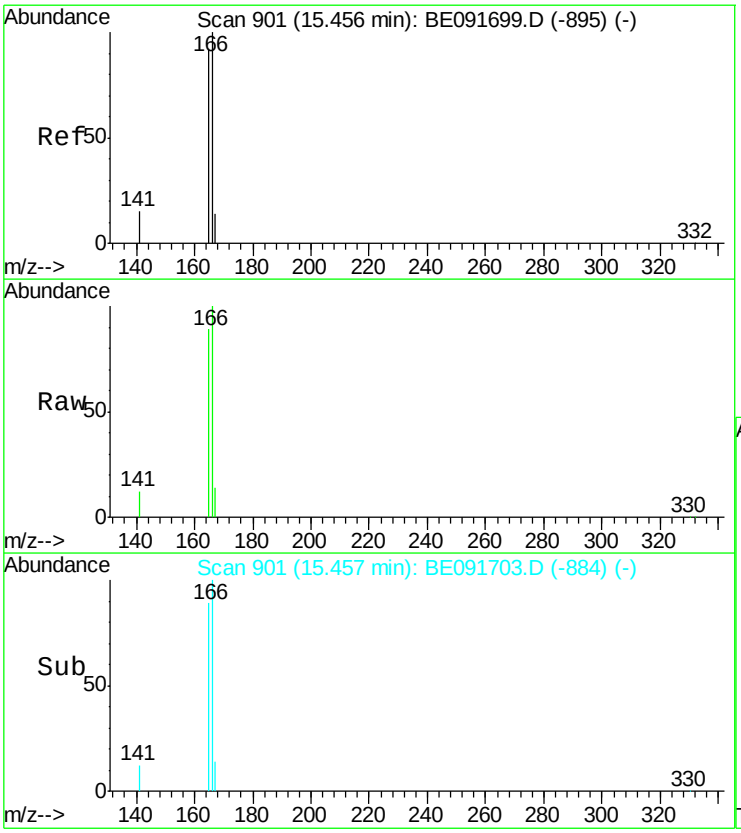
#17
Acenaphthene
Concen: 10.20 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:154 Resp: 285303

Ion	Ratio	Lower	Upper
154	100		
153	105.9	80.0	120.0
152	52.1	40.0	60.0

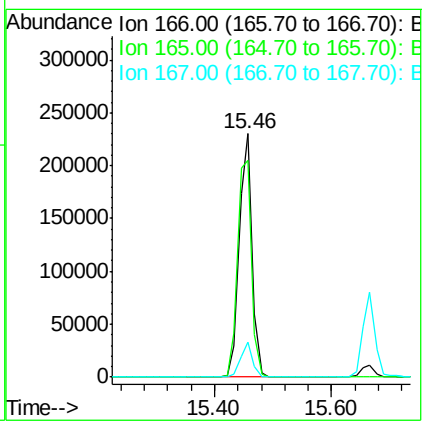


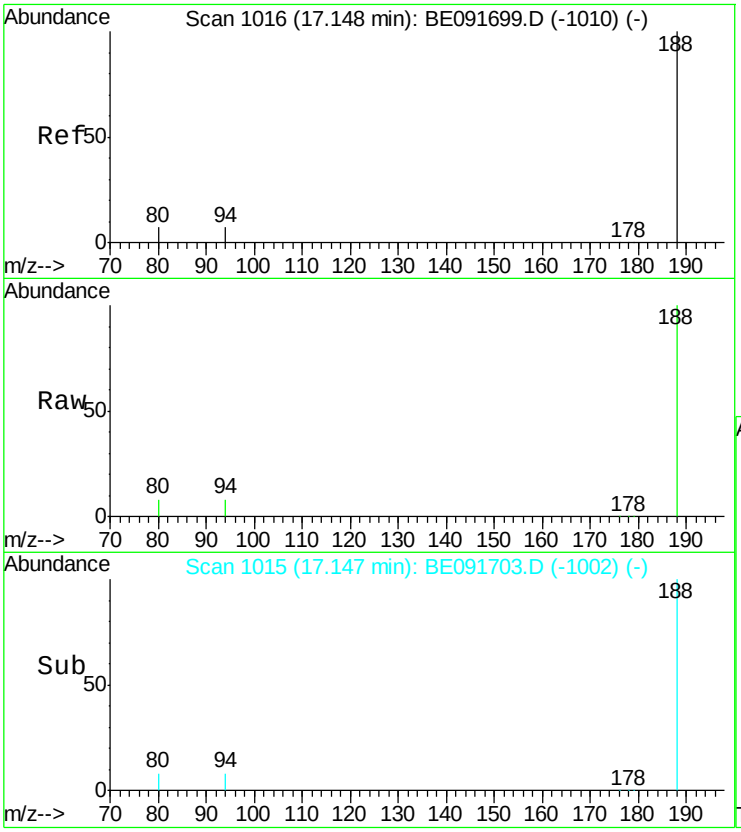


#18
Fluorene
Concen: 10.00 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:166 Resp: 346809

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.8	121.2
167	13.5	10.9	16.3



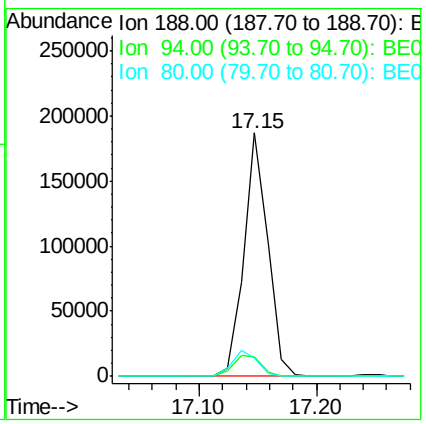


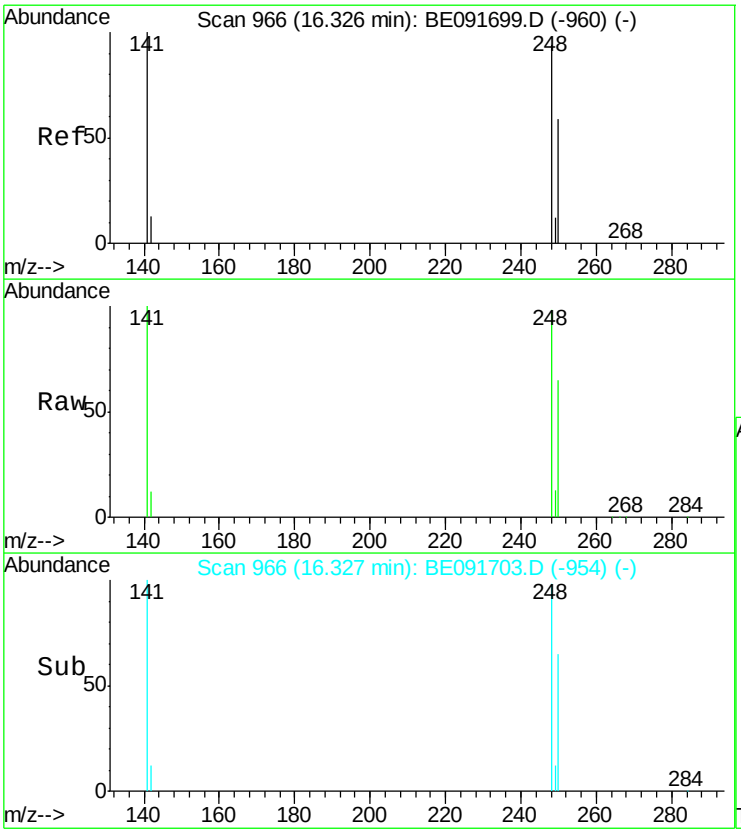
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:188 Resp: 265030

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	7.5	9.4	14.0#

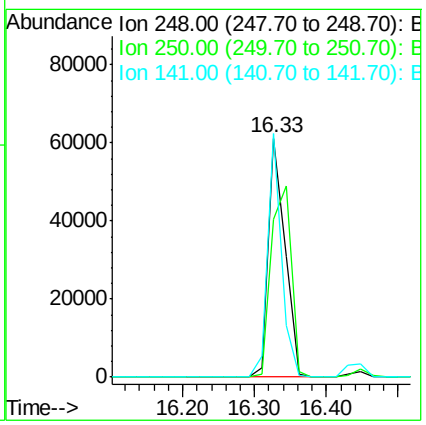


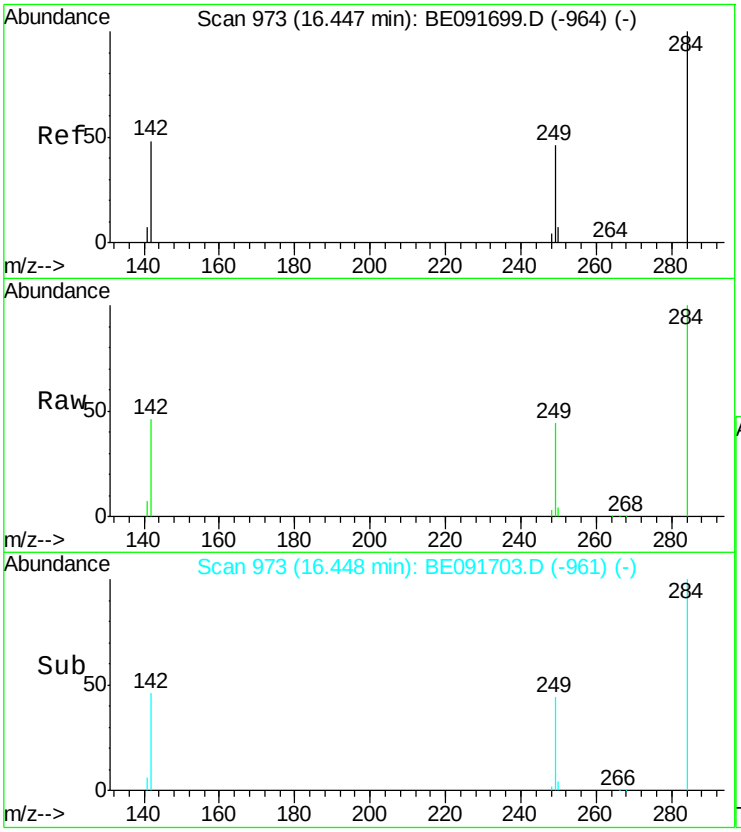


#20
4-Bromophenyl-phenylether
Concen: 10.91 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:248 Resp: 98659

Ion	Ratio	Lower	Upper
248	100		
250	96.4	80.5	120.7
141	85.5	72.0	108.0



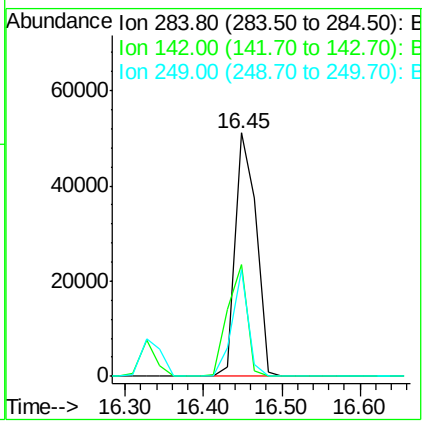


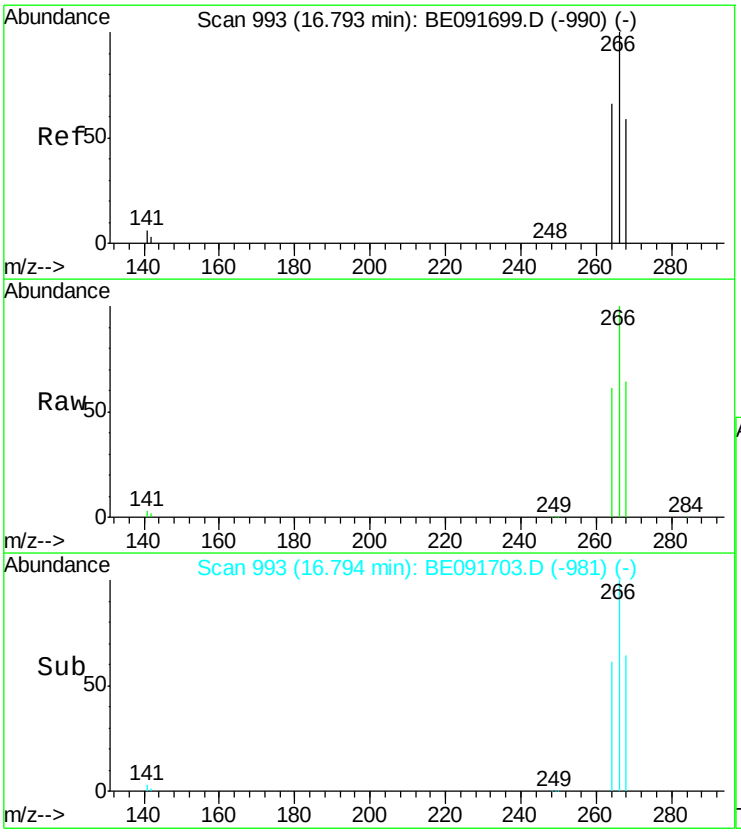
#21
Hexachlorobenzene
Concen: 9.78 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:284 Resp: 95046

Ion	Ratio	Lower	Upper
284	100		
142	42.5	32.2	48.2
249	33.8	25.4	38.2

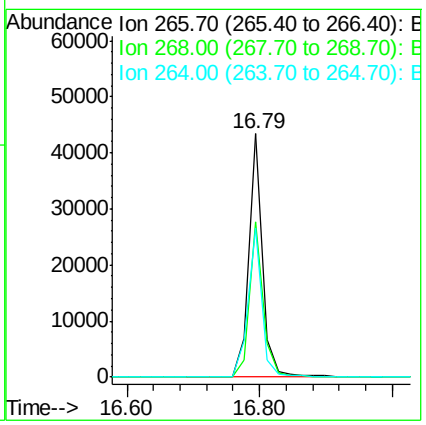


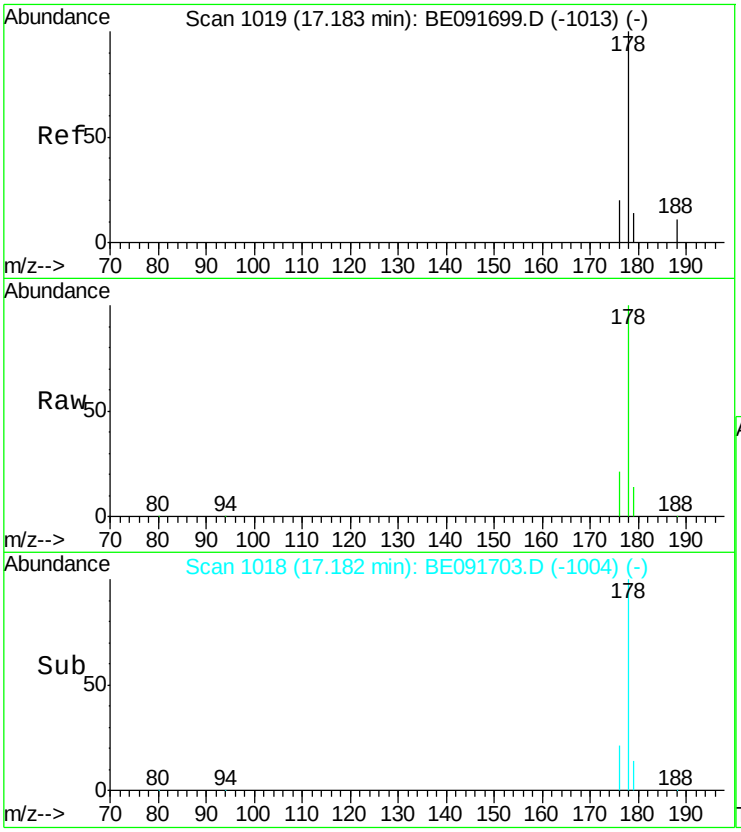


#22
Pentachlorophenol
Concen: 19.45 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:266 Resp: 61413

Ion	Ratio	Lower	Upper
266	100		
268	64.0	58.2	87.2
264	60.9	56.2	84.4



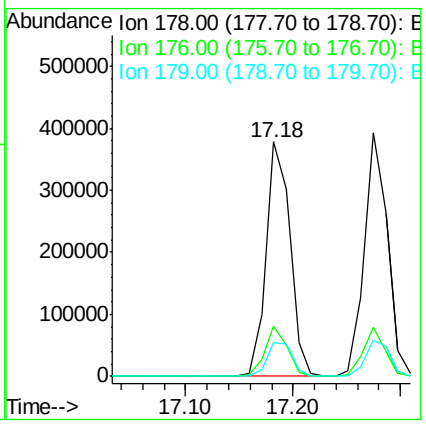


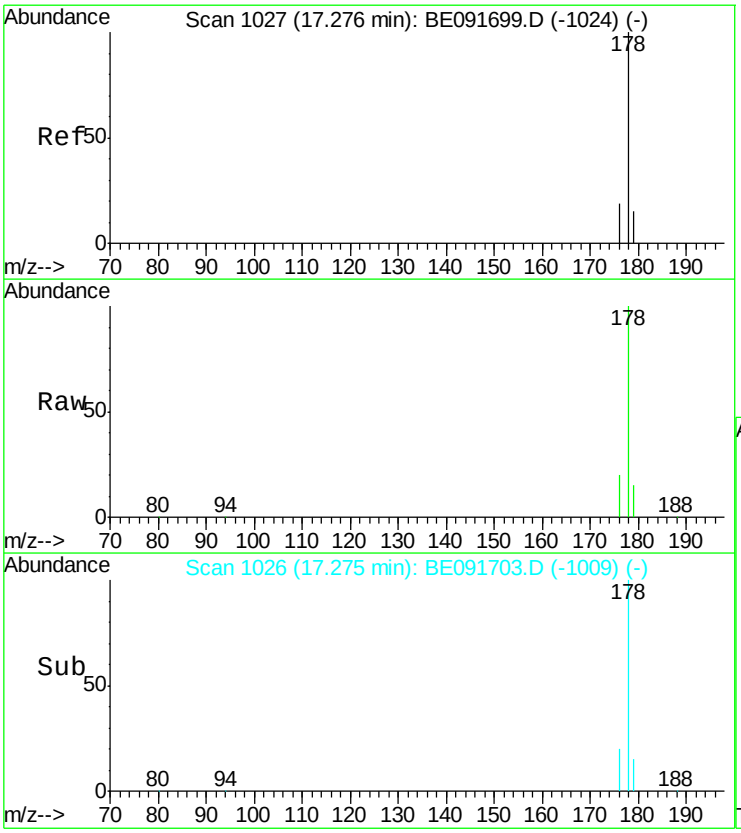
#23
Phenanthrene
Concen: 9.85 ng
RT: 17.18 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:178 Resp: 586083

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.5	12.6	18.8

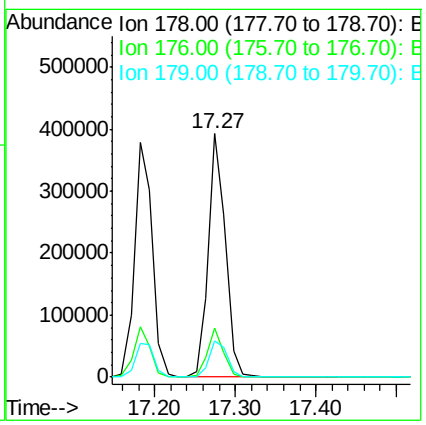


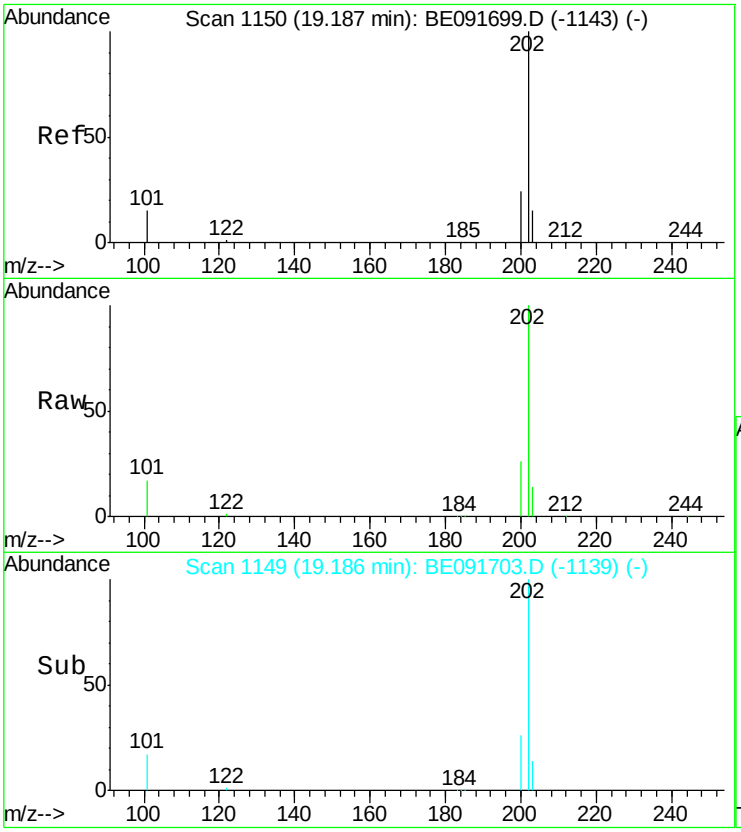


#24
Anthracene
Concen: 11.03 ng
RT: 17.27 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:178 Resp: 585871

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	21.8
179	15.7	11.8	17.6



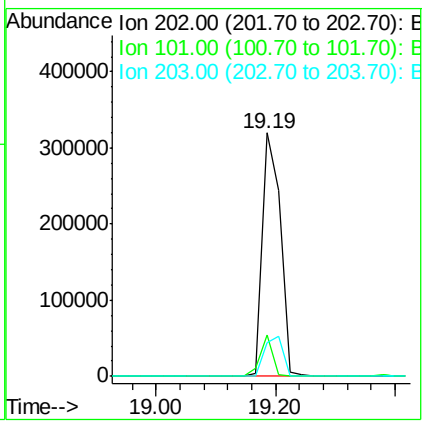


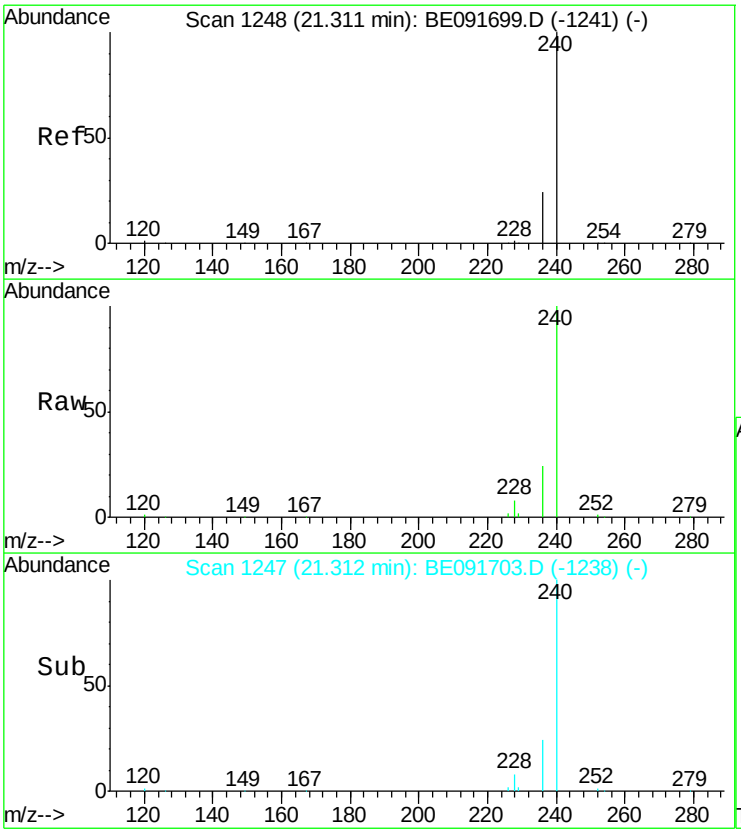
#25
Fluoranthene
Concen: 11.31 ng
RT: 19.19 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:202 Resp: 665929

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.0	16.6
203	17.3	13.9	20.9

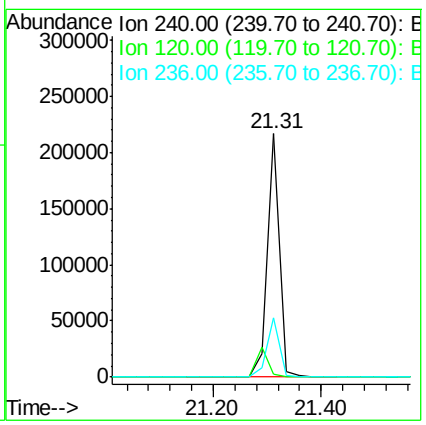


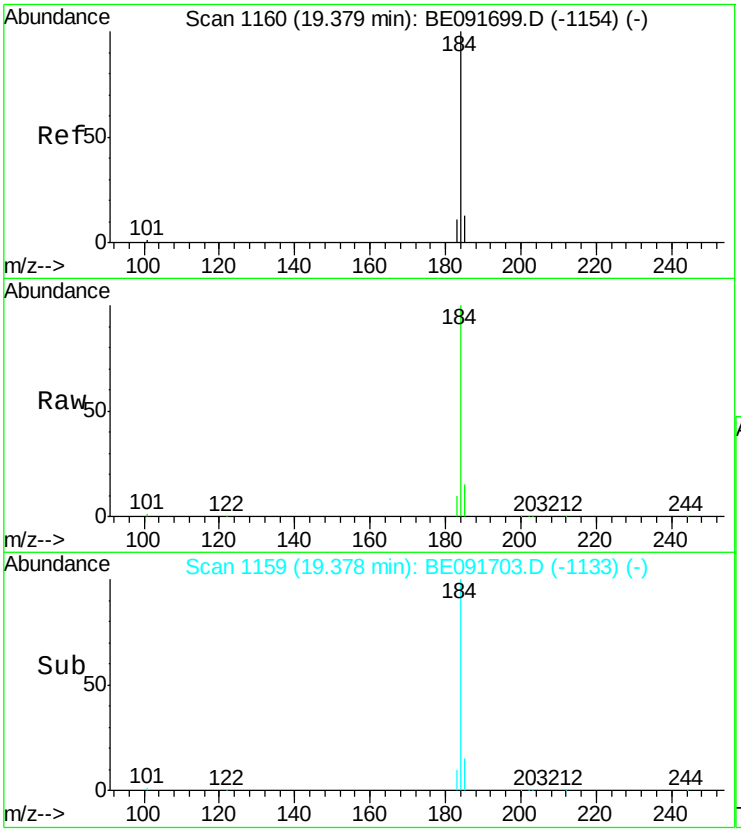


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:240 Resp: 340059

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	24.5	21.7	32.5



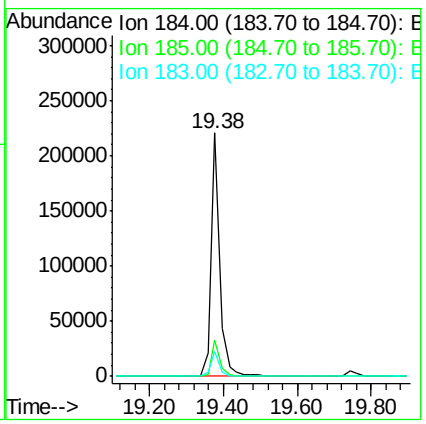


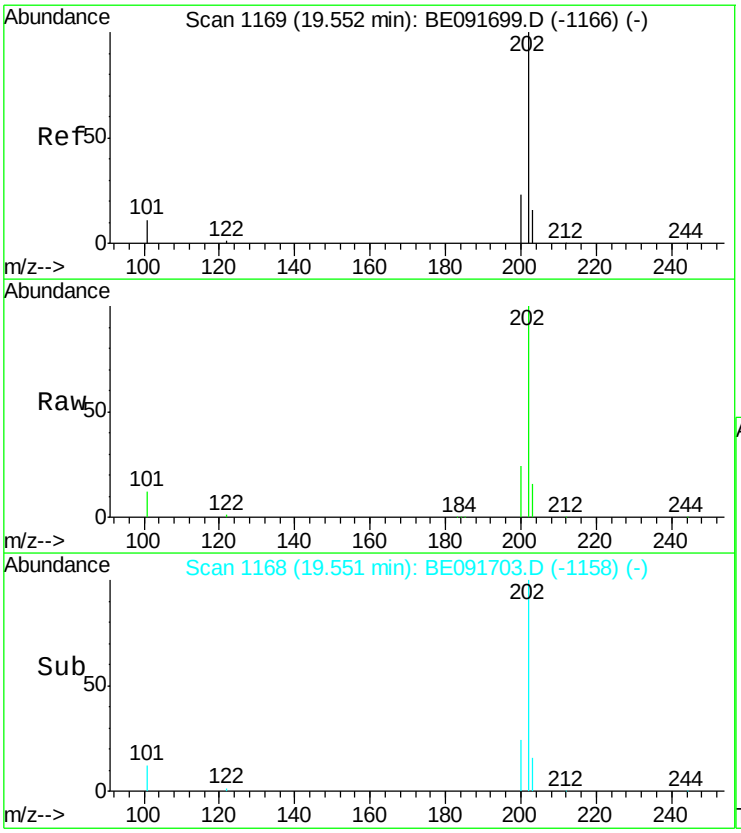
#27
Benzidine
Concen: 17.87 ng
RT: 19.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:184 Resp: 354772

Ion	Ratio	Lower	Upper
184	100		
185	14.7	22.3	33.5#
183	10.4	16.4	24.6#

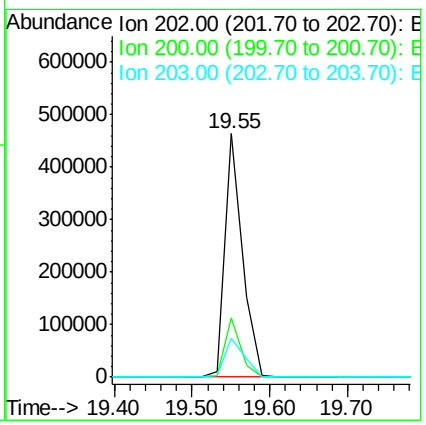


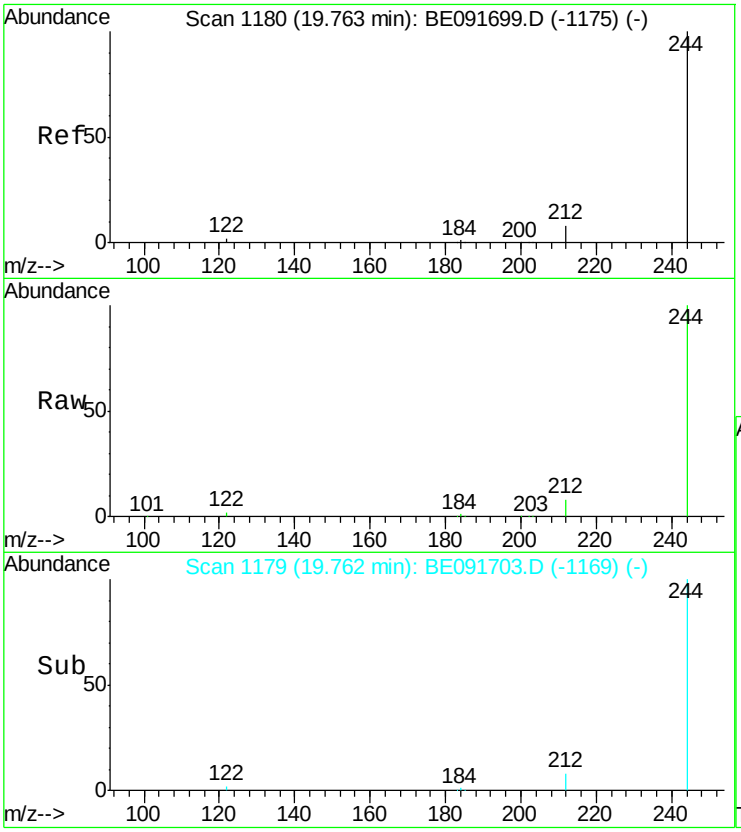


#28
Pyrene
Concen: 9.30 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:202 Resp: 731032

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.8	25.2
203	17.7	14.0	21.0



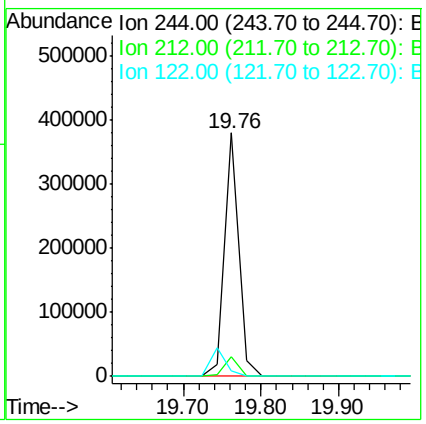


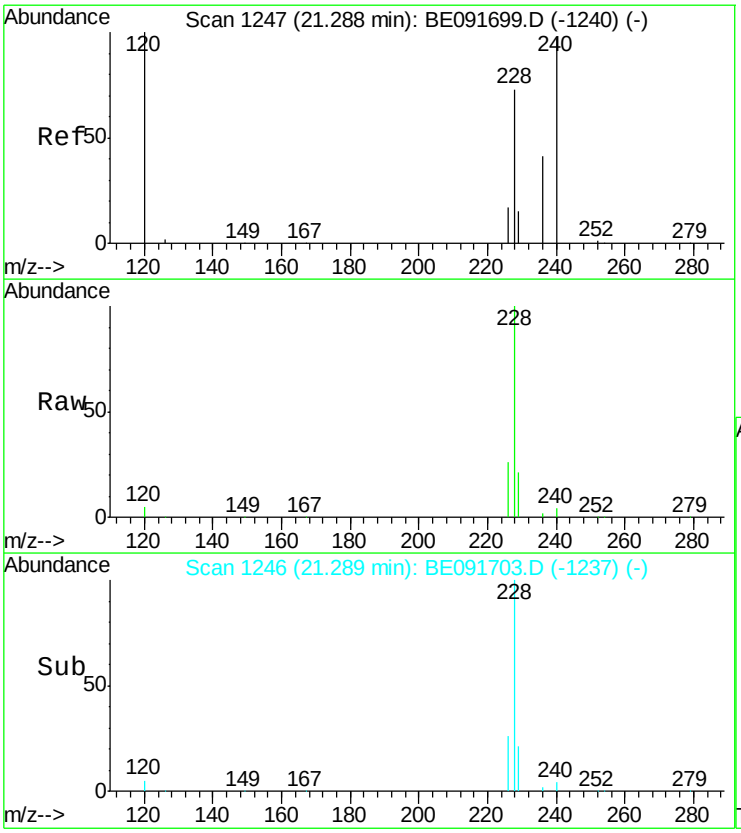
#29
Terphenyl-d14
Concen: 9.14 ng
RT: 19.76 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:244 Resp: 492913

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	2.2	11.0	16.4#

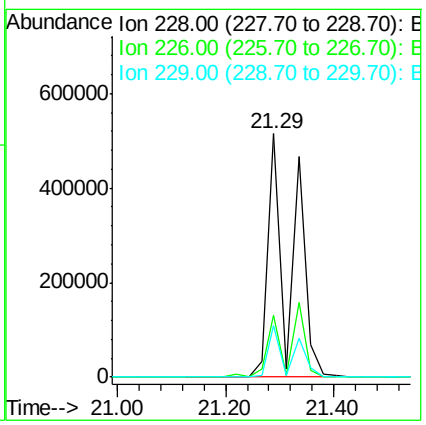


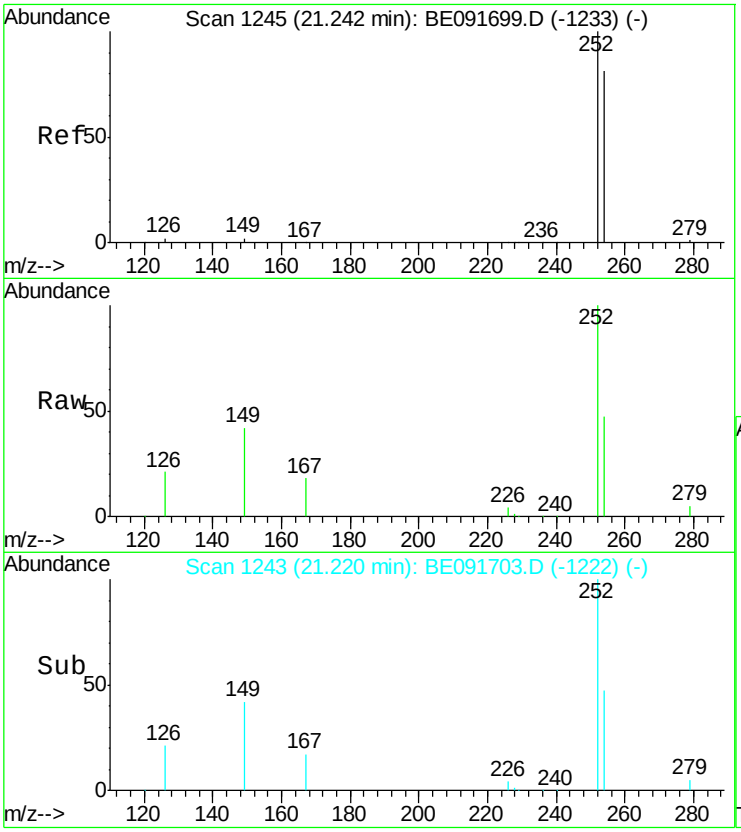


#30
Benzo(a)anthracene
Concen: 18.60 ng
RT: 21.29 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:228 Resp: 1537242

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.0	31.4
229	21.2	15.7	23.5



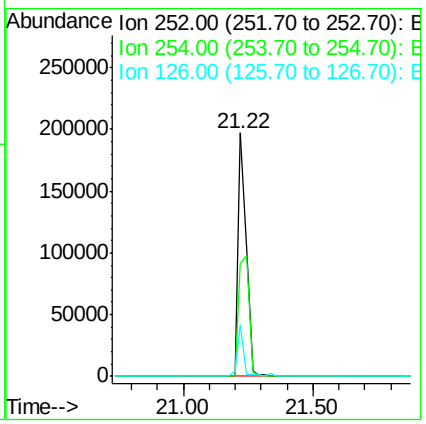


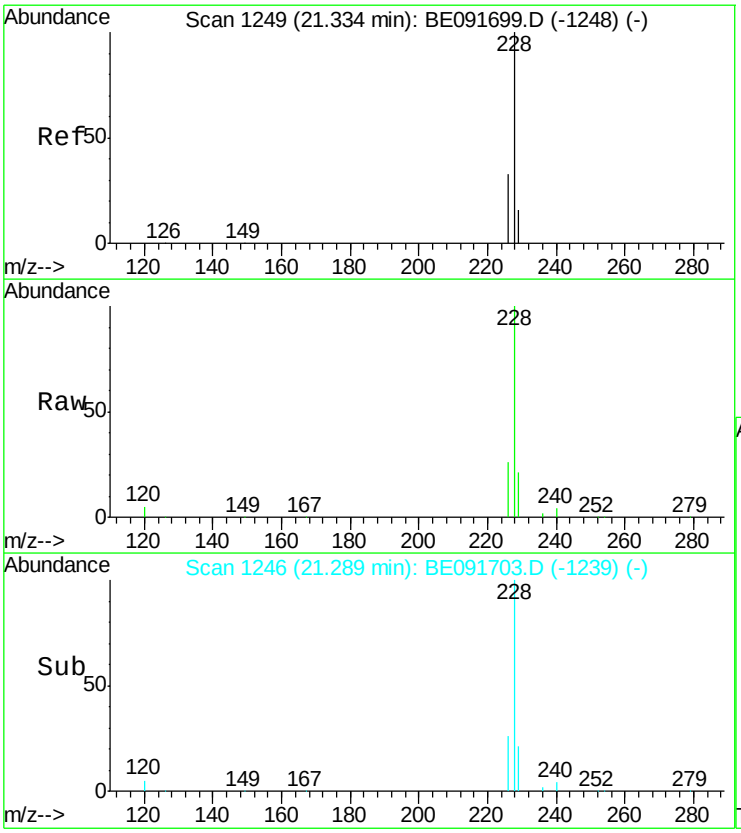
#31
3,3'-Dichlorobenzidine
Concen: 12.42 ng
RT: 21.22 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 430975

Ion	Ratio	Lower	Upper
252	100		
254	46.7	51.1	76.7#
126	21.0	12.6	18.8#

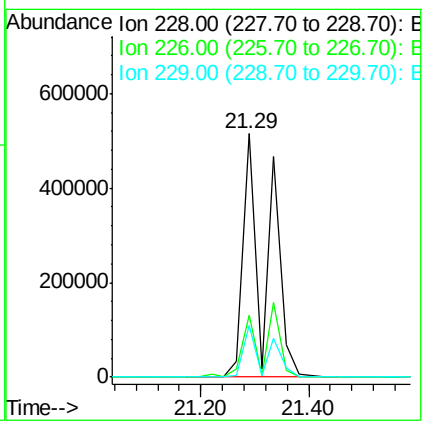


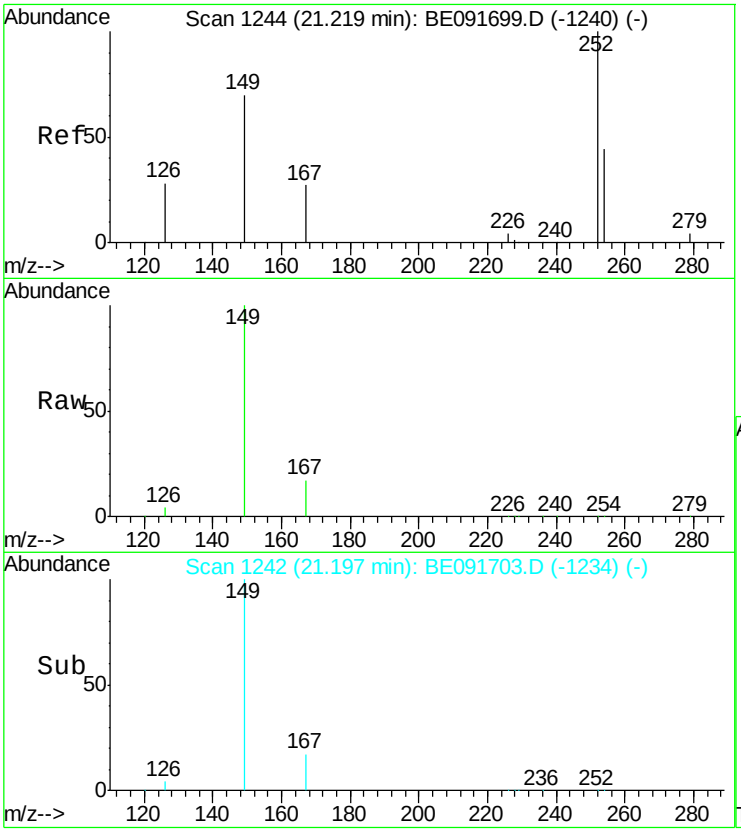


#32
Chrysene
Concen: 17.12 ng
RT: 21.29 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:228 Resp: 1541759

Ion	Ratio	Lower	Upper
228	100		
226	25.6	24.0	36.0
229	21.2	15.9	23.9



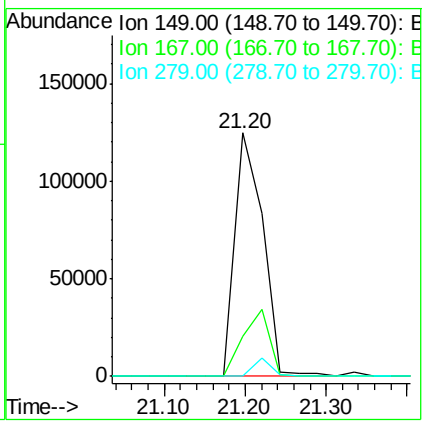


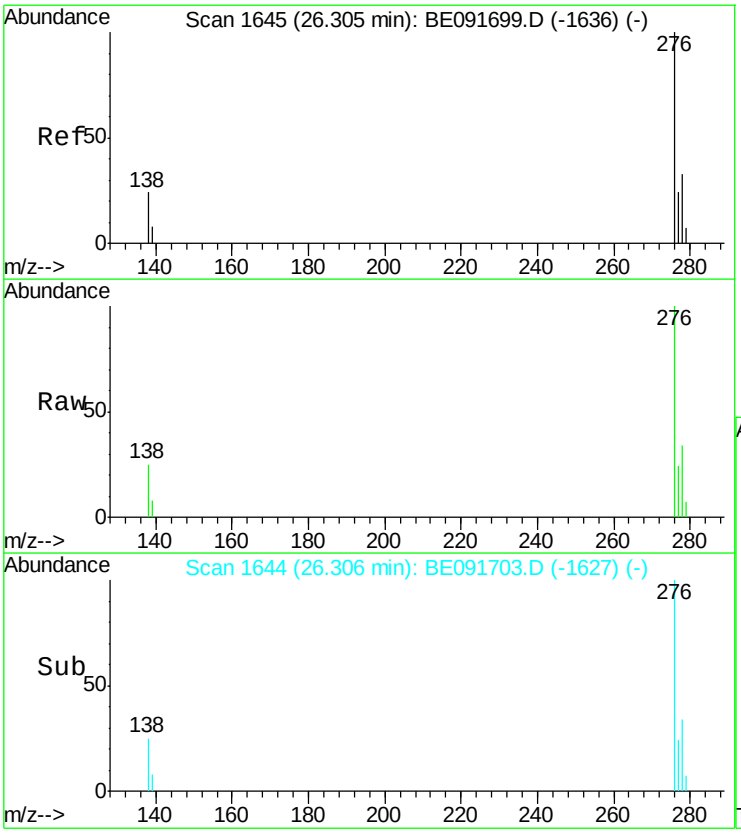
#33
Bis(2-ethylhexyl)phthalate
Concen: 18.47 ng
RT: 21.20 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:149 Resp: 293103

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

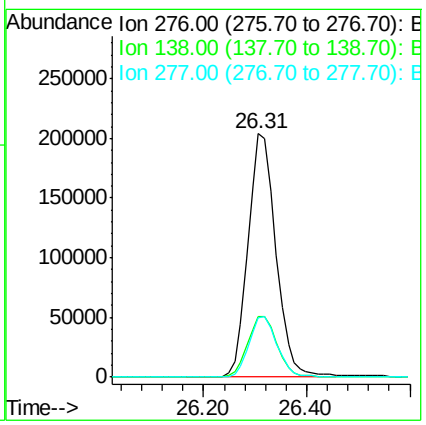


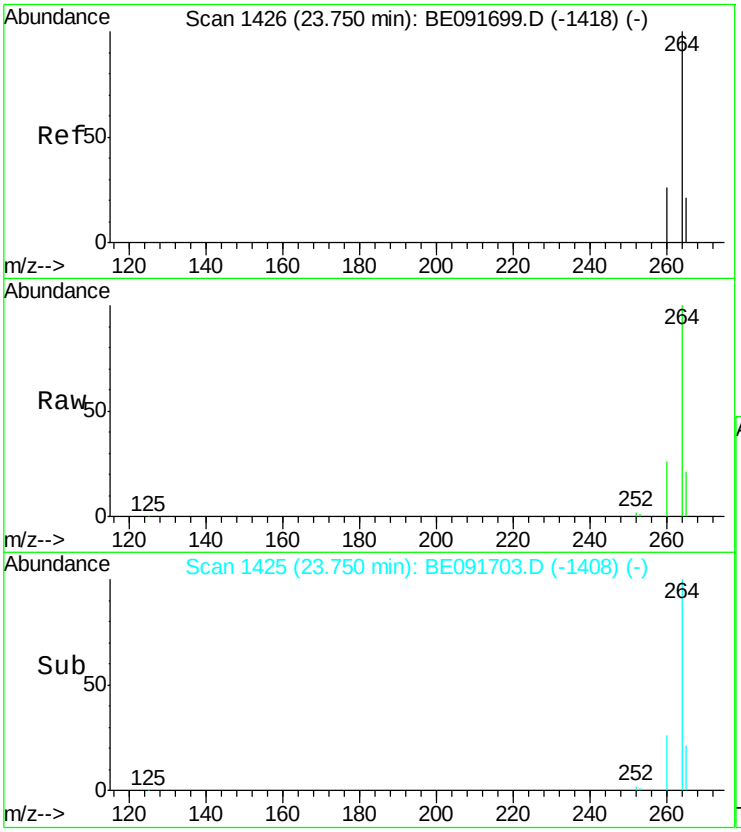


#34
Indeno(1,2,3-cd)pyrene
Concen: 9.51 ng
RT: 26.31 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:276 Resp: 766194

Ion	Ratio	Lower	Upper
276	100		
138	26.4	23.4	35.2
277	25.1	19.8	29.8



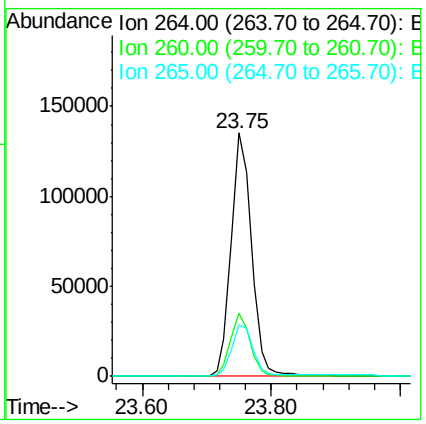


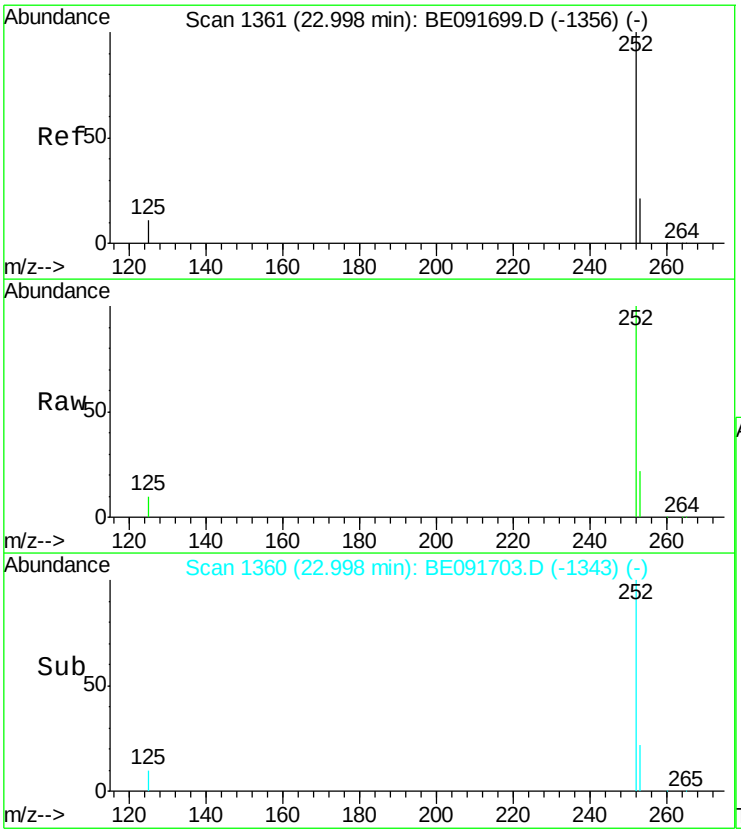
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:264 Resp: 295152

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.0	30.0
265	20.9	17.5	26.3

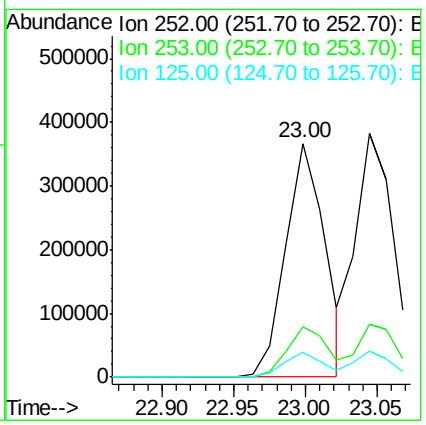


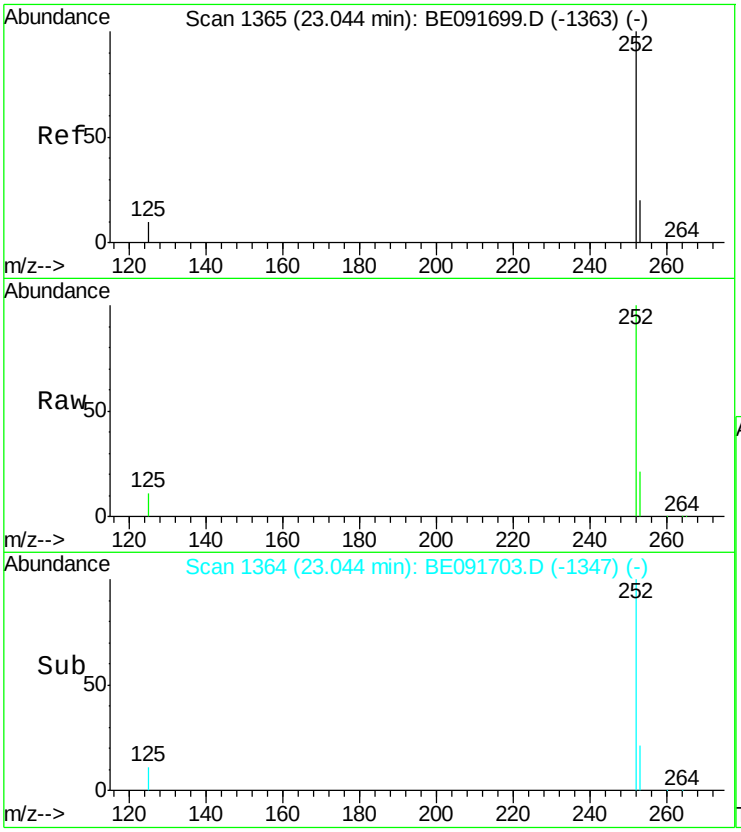


#36
Benzo(b)fluoranthene
Concen: 9.83 ng
RT: 23.00 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:252 Resp: 695857

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.5	10.2	15.2



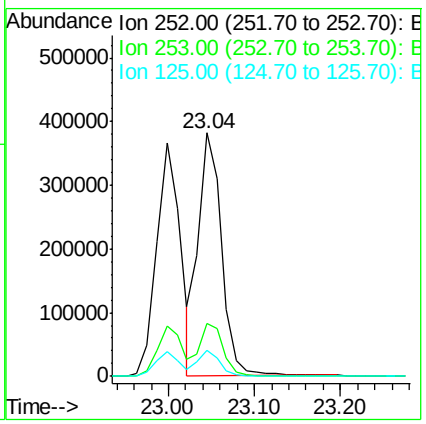


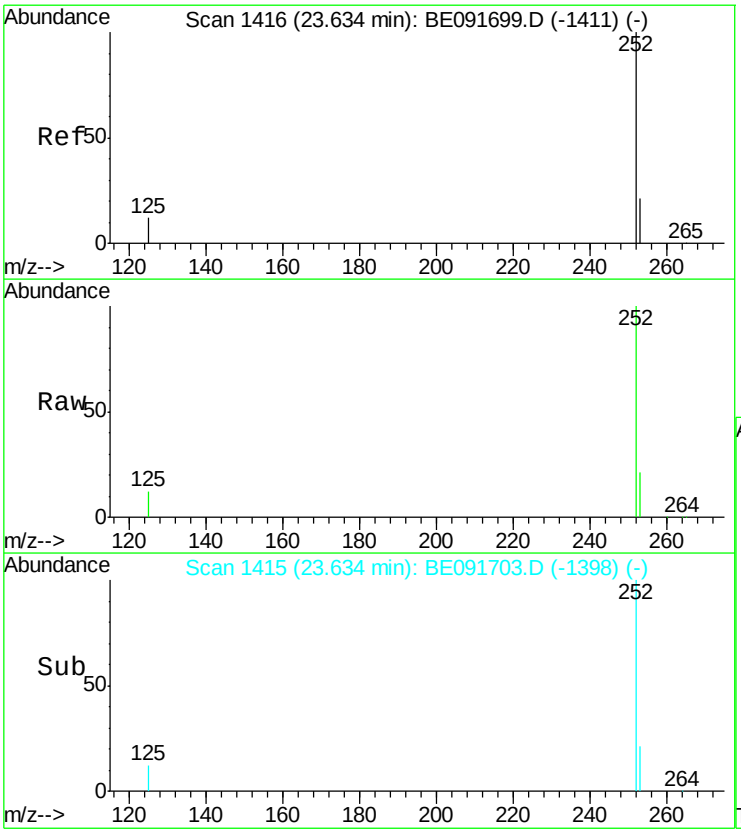
#37
Benzo(k)fluoranthene
Concen: 10.29 ng
RT: 23.04 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 716391

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.7	9.9	14.9

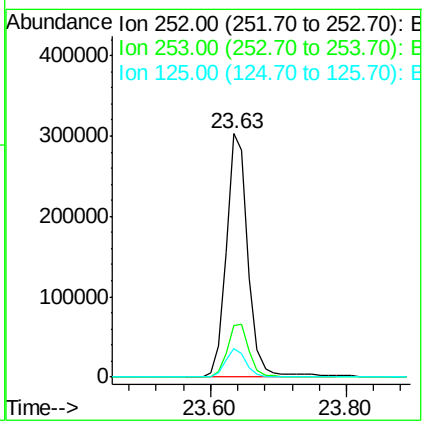


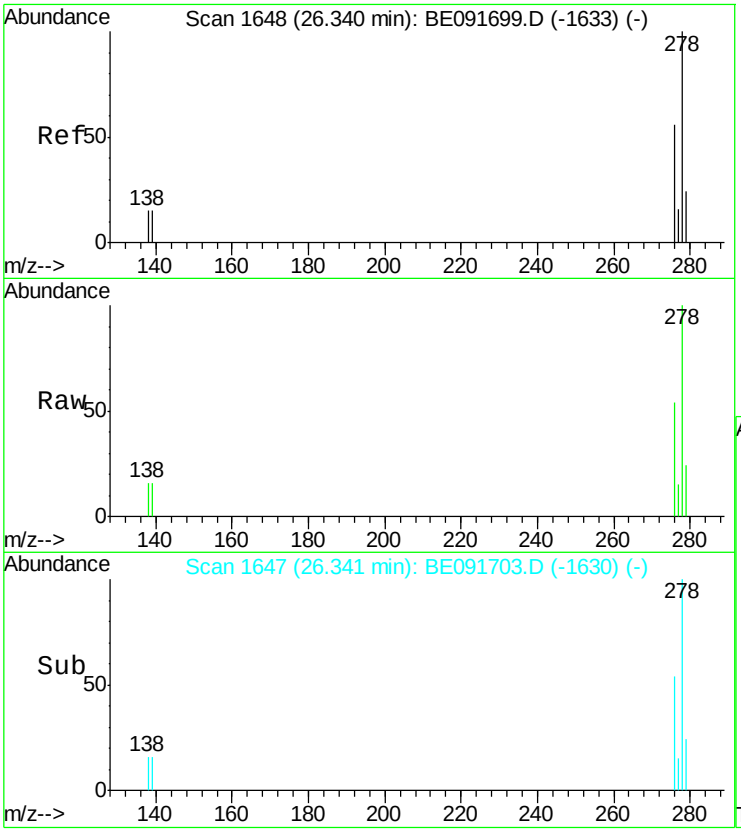


#38
Benzo(a)pyrene
Concen: 11.07 ng
RT: 23.63 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:252 Resp: 677993

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	11.8	11.0	16.4



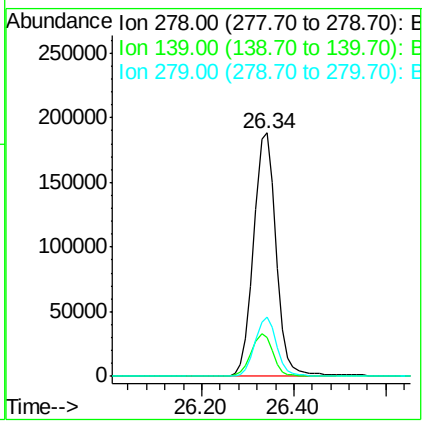


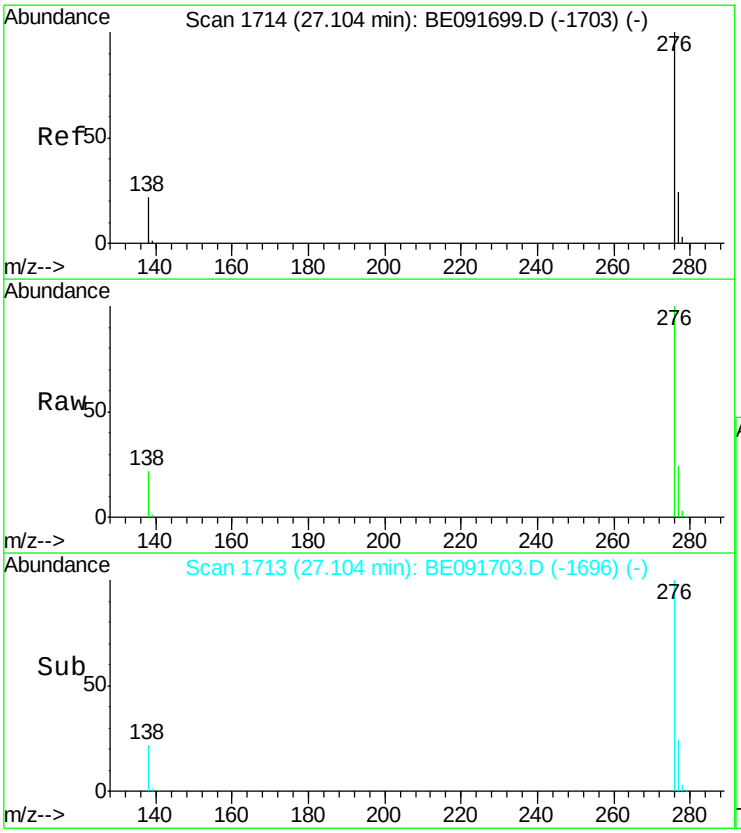
#39
Dibenzo(a,h)anthracene
Concen: 10.20 ng
RT: 26.34 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:278 Resp: 639956

Ion	Ratio	Lower	Upper
278	100		
139	15.7	16.0	24.0#
279	24.3	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 9.99 ng
RT: 27.10 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE091703.D
Acq: 26 Apr 2016 14:23

Tgt Ion:276 Resp: 642784

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	22.1	20.4	30.6