Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
Data File : BE091809.D
Acq On : 19 May 2016 14:26
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: May 19 15:41:24 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	21024	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	105910	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	73123	5.00	ng		-0.01
19) Phenanthrene-d10	17.14	188	204890	5.00	ng		-0.01
26) Chrysene-d12	21.29	240	277072	5.00	ng		-0.02
35) Perylene-d12	23.73	264	238237	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	1977	0.36	ng		0.00
5) Phenol-d6	6.95	99	2629	0.34	ng		0.00
8) Nitrobenzene-d5	8.95	82	2426	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.89	330	937	0.33	ng		-0.01
15) 2-Fluorobiphenyl	13.03	172	7818	0.38	ng		0.00
29) Terphenyl-d14	19.74	244	14680	0.37	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	1087	0.44	ng	#	93
3) n-Nitrosodimethylamine	3.63	42	1191	0.35	ng		95
6) bis(2-Chloroethyl)ether	7.21	93	2198	0.35	ng	#	78
9) Nitrobenzene	8.99	77	2401	0.33	ng		95
10) Naphthalene	10.61	128	8892	0.38	ng		99
11) Hexachlorobutadiene	10.90	225	1947	0.56	ng	#	85
12) 2-Methylnaphthalene	12.22	142	5850	0.37	ng		98
16) Acenaphthylene	14.12	152	12087	0.37	ng	#	72
17) Acenaphthene	14.46	154	7188	0.37	ng		86
18) Fluorene	15.45	166	9539	0.38	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	2920	0.38	ng		92
21) Hexachlorobenzene	16.45	284	3082	0.39	ng		99
22) Pentachlorophenol	16.79	266	1044	0.32	ng		95
23) Phenanthrene	17.17	178	19270	0.39	ng		98
24) Anthracene	17.26	178	16561	0.37	ng		99
25) Fluoranthene	19.19	202	20622	0.38	ng	#	97
27) Benzidine	19.38	184	5390	0.33	ng	#	80
28) Pyrene	19.55	202	21815	0.36	ng		100
30) Benzo(a)anthracene	21.27	228	47362	0.71	ng		93
31) 3,3'-Dichlorobenzidine	21.22	252	13436	0.32	ng	#	93
32) Chrysene	21.27	228	47617	0.86	ng		97
33) Bis(2-ethylhexyl)phthalate	21.20	149	8245	0.45	ng	#	80
34) Indeno(1,2,3-cd)pyrene	26.27	276	24419	0.36	ng		95
36) Benzo(b)fluoranthene	22.97	252	21679	0.36	ng		97
37) Benzo(k)fluoranthene	23.02	252	22494	0.37	ng		98
38) Benzo(a)pyrene	23.61	252	20583	0.36	ng		98
39) Dibenzo(a,h)anthracene	26.29	278	20059	0.36	ng		97
40) Benzo(g,h,i)perylene	27.06	276	21120	0.37	ng		94

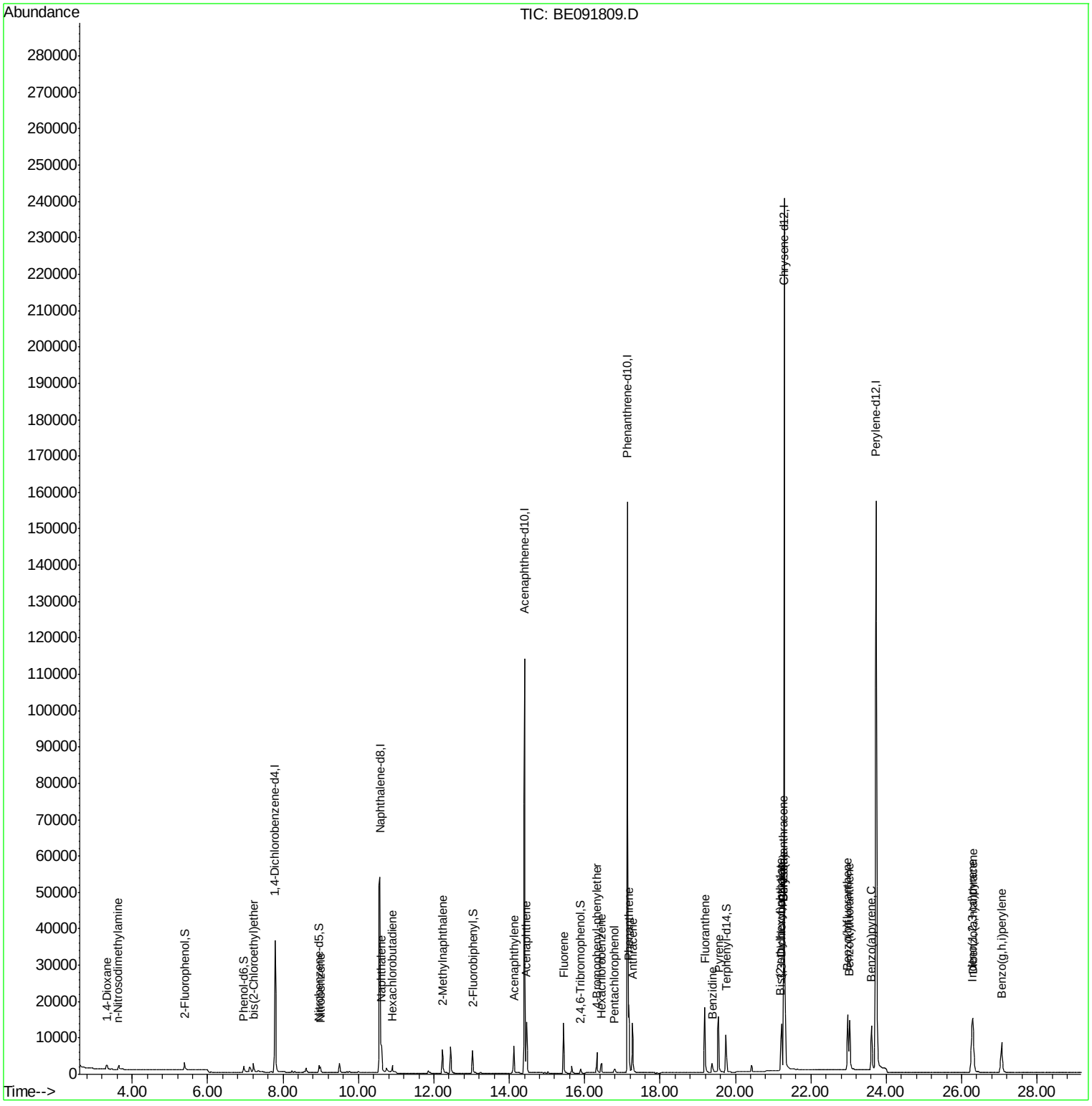
(#) = qualifier out of range (m) = manual integration (+) = signals summed

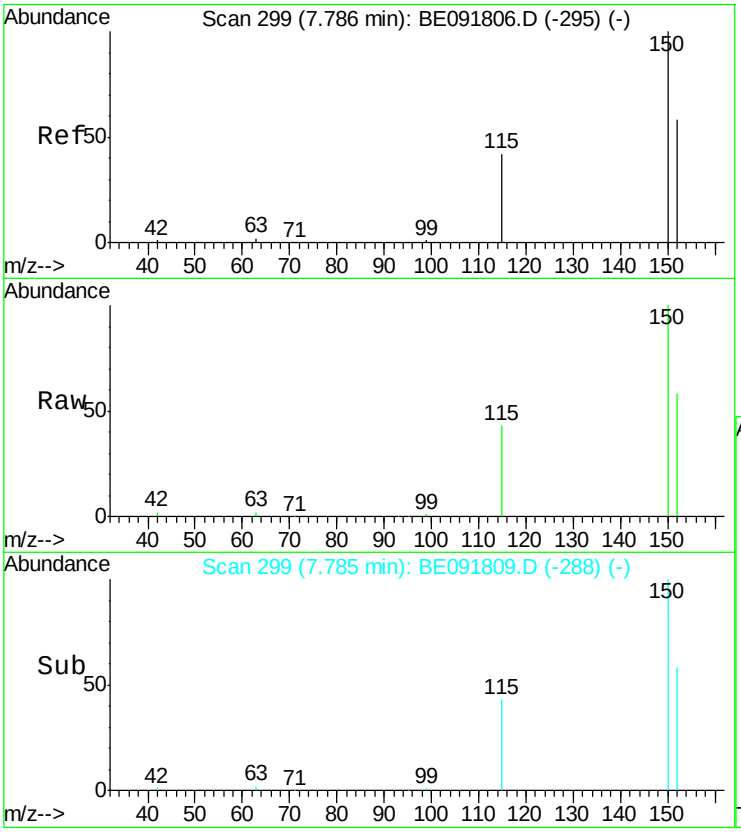
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051916\
Data File : BE091809.D
Acq On : 19 May 2016 14:26
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 19 15:41:24 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 19 15:36:49 2016
Response via : Initial Calibration



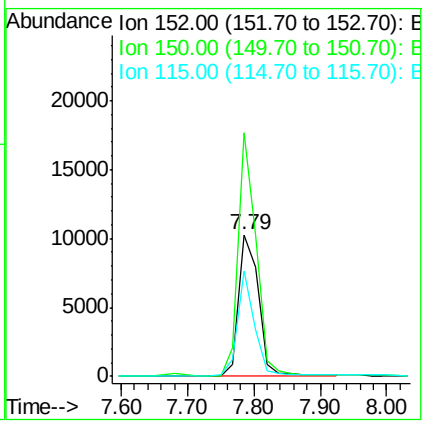


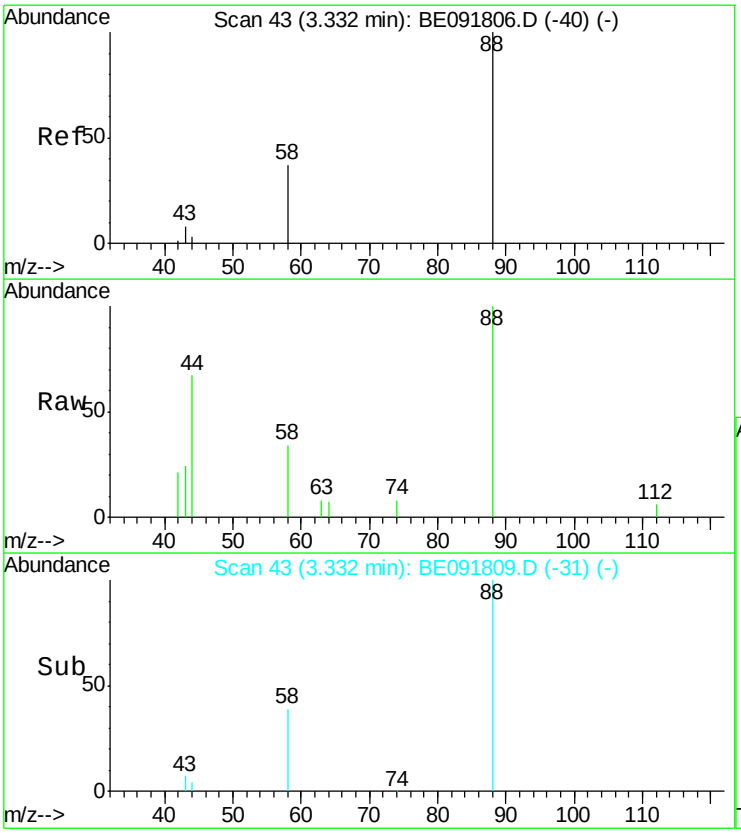
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 21024

Ion	Ratio	Lower	Upper
152	100		
150	171.7	122.6	183.8
115	74.4	52.8	79.2

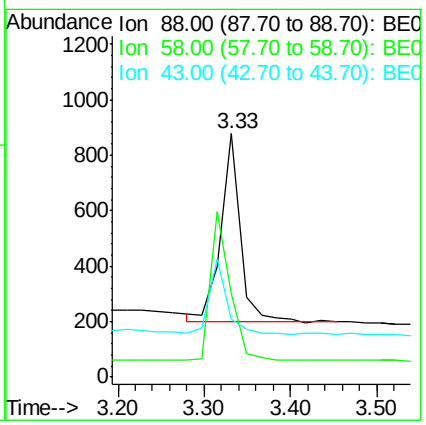


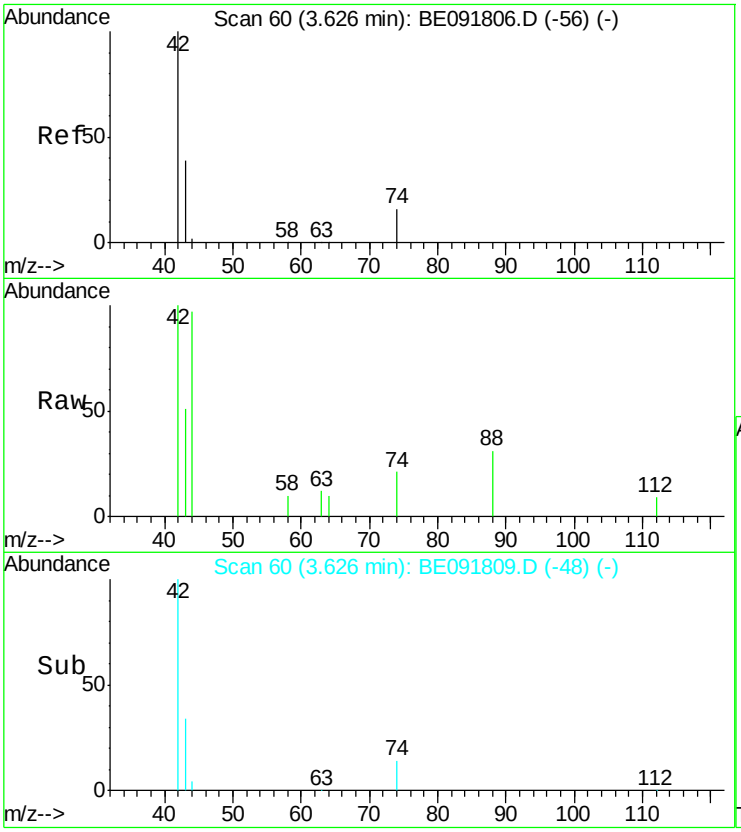


#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion: 88 Resp: 1087

Ion	Ratio	Lower	Upper
88	100		
58	78.2	65.8	98.6
43	38.9	25.3	37.9#



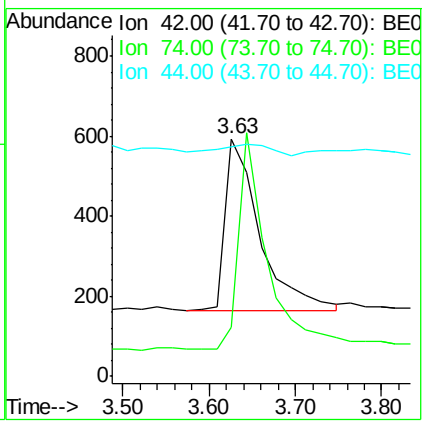


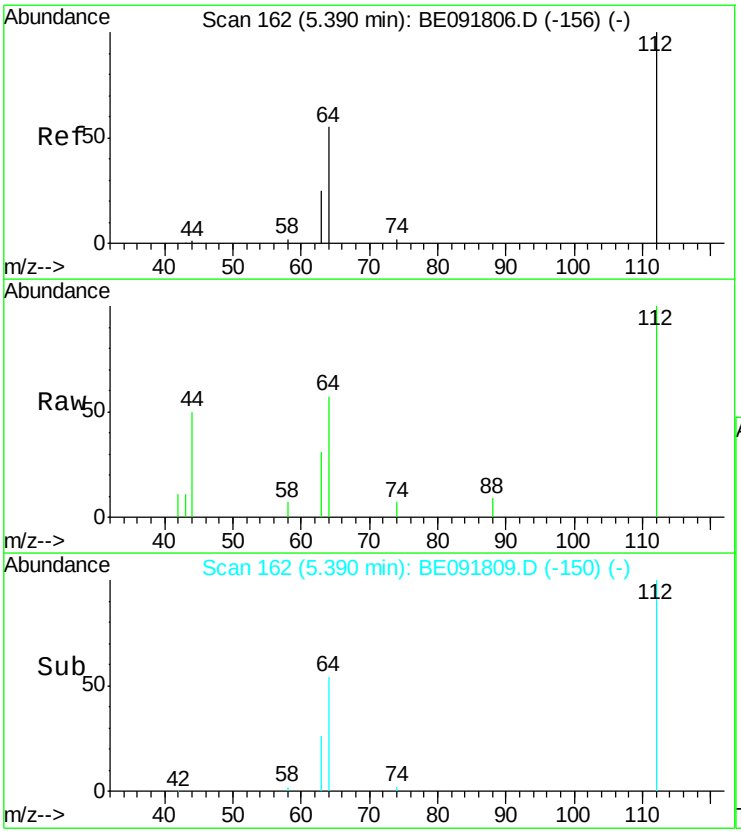
#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1191

Ion	Ratio	Lower	Upper
42	100		
74	104.8	87.9	131.9
44	9.8	6.6	9.8

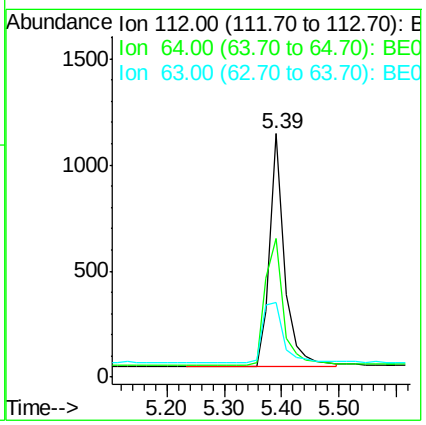


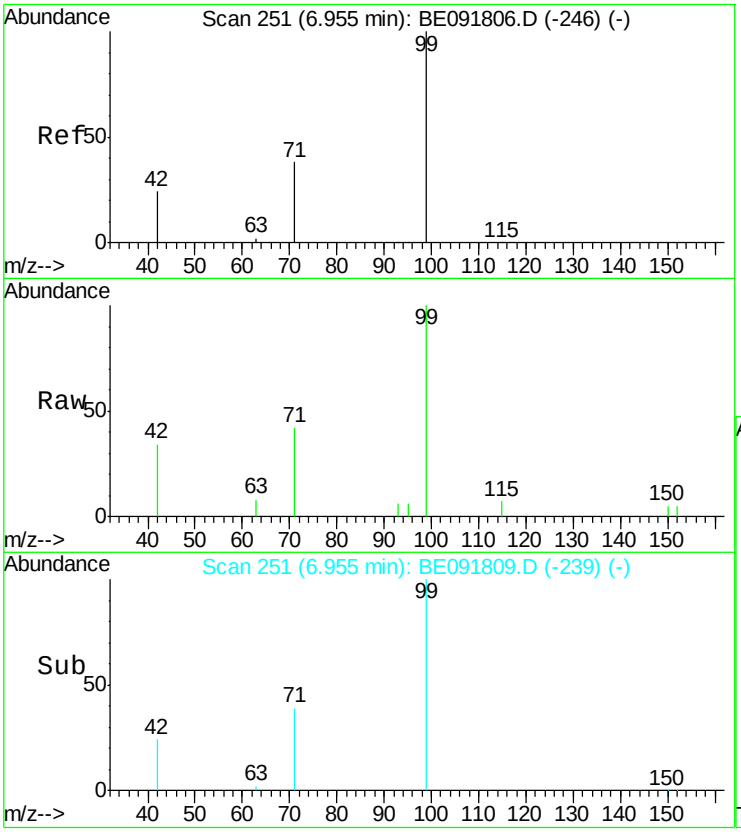


#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:112 Resp: 1977

Ion	Ratio	Lower	Upper
112	100		
64	66.6	30.9	46.3#
63	36.3	16.7	25.1#



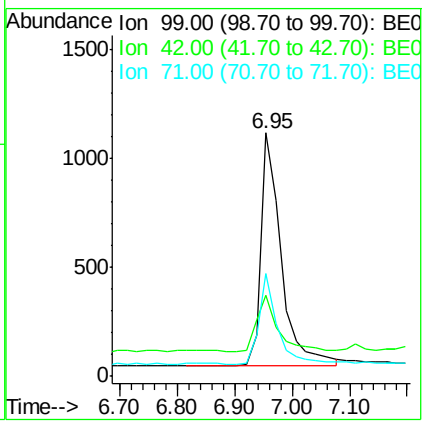


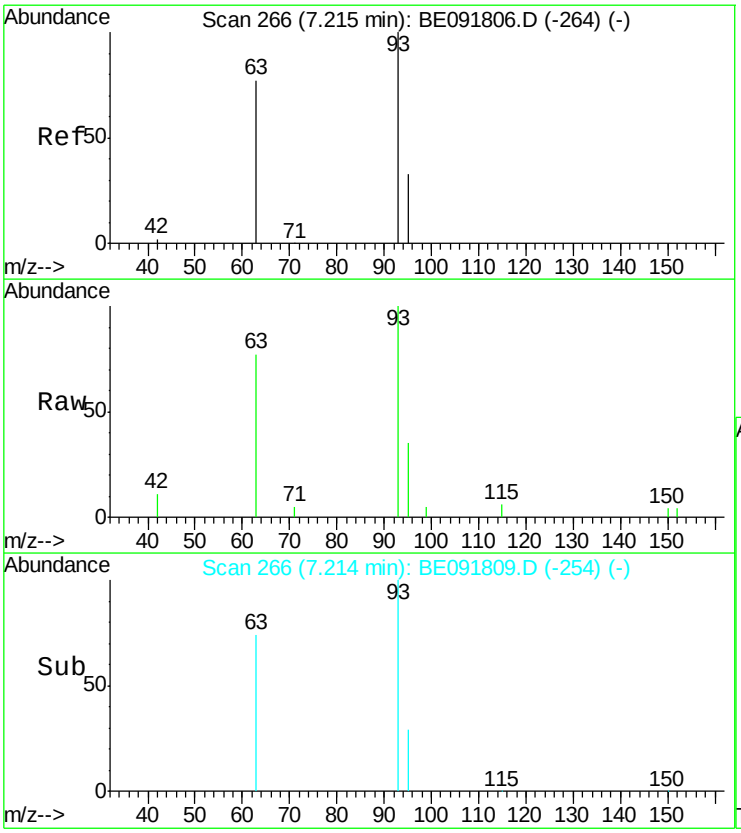
#5
Phenol-d6
Concen: 0.34 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 2629

Ion	Ratio	Lower	Upper
99	100		
42	25.8	16.2	24.2#
71	35.7	29.0	43.4

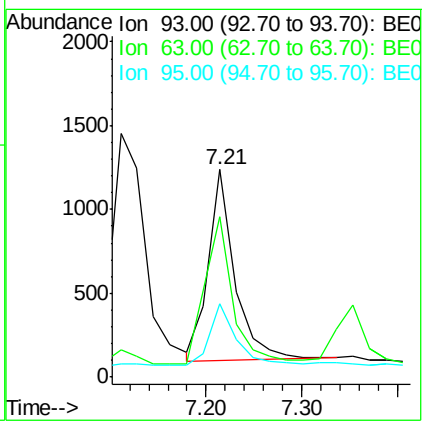


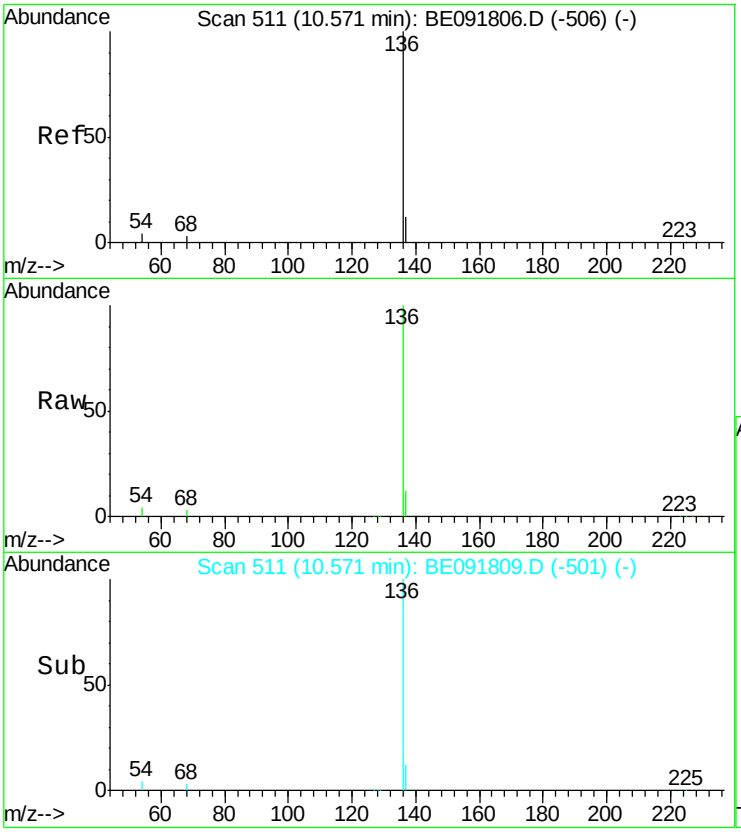


#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.21 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion: 93 Resp: 2198

Ion	Ratio	Lower	Upper
93	100		
63	83.3	49.5	74.3#
95	32.3	22.2	33.4



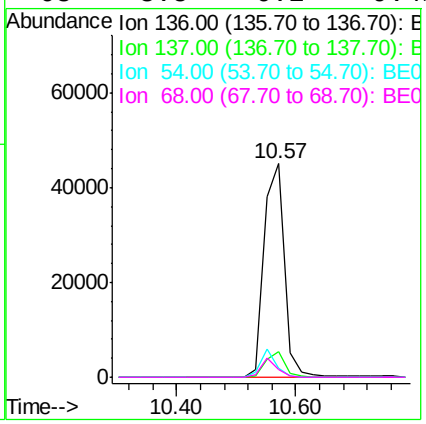


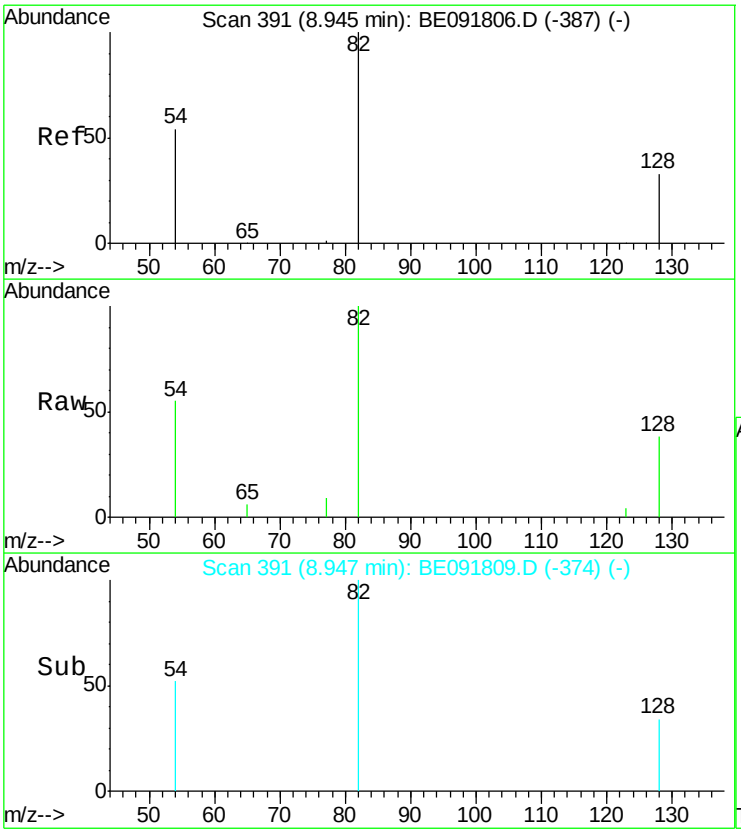
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 105910

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	4.1	8.2	12.4#
68	3.5	6.2	9.4#

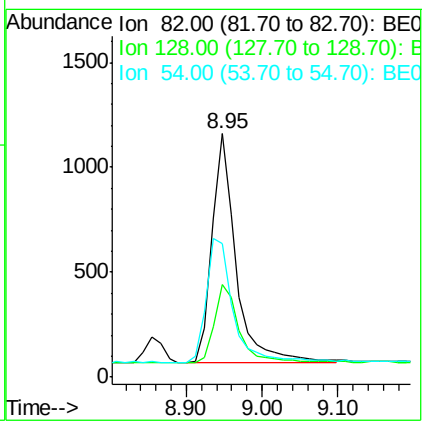


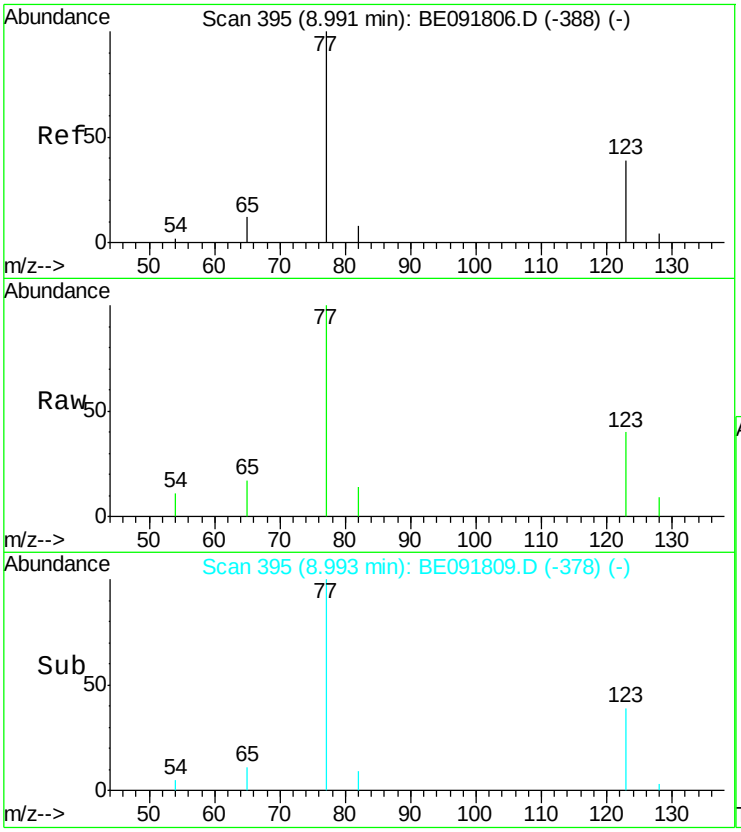


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.95 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion: 82 Resp: 2426

Ion	Ratio	Lower	Upper
82	100		
128	37.9	25.4	38.0
54	55.0	48.4	72.6



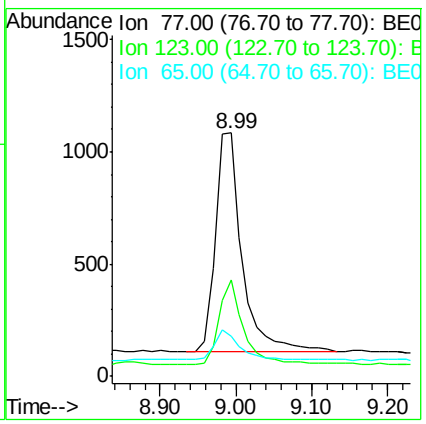


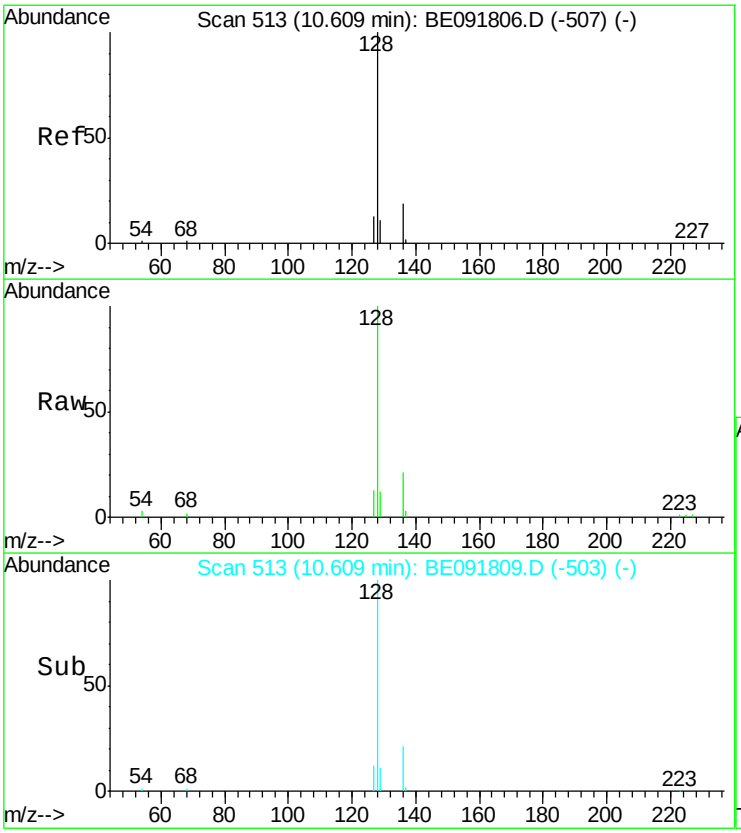
#9
Nitrobenzene
Concen: 0.33 ng
RT: 8.99 min Scan# 395
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 2401

Ion	Ratio	Lower	Upper
77	100		
123	36.5	26.9	40.3
65	13.2	9.4	14.2

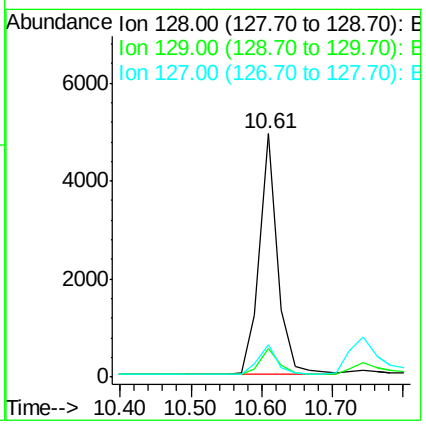


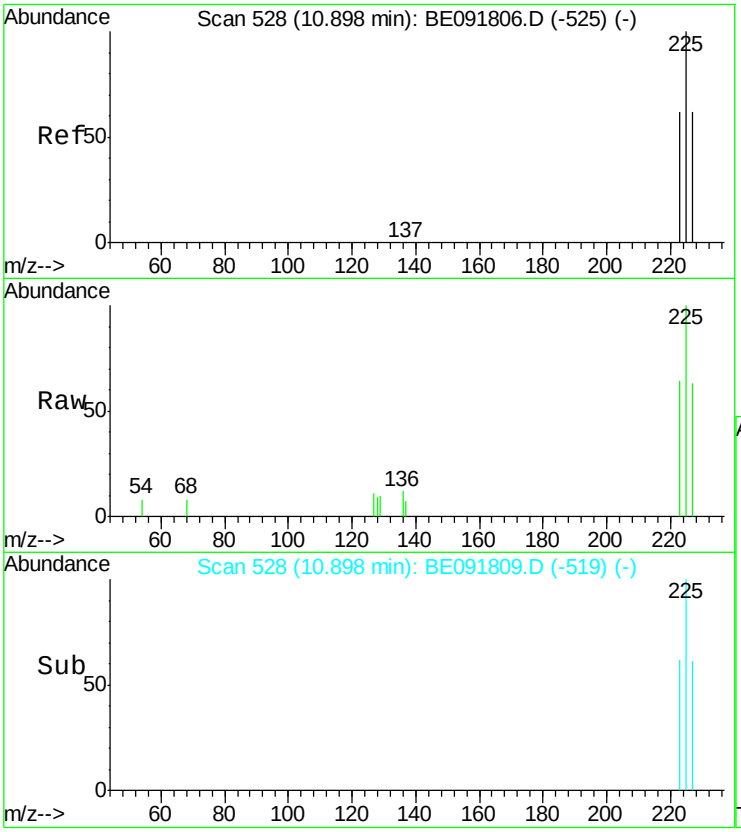


#10
Naphthalene
Concen: 0.38 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:128 Resp: 8892

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.3	10.7	16.1



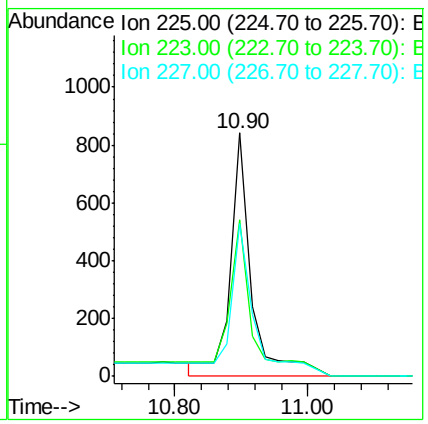


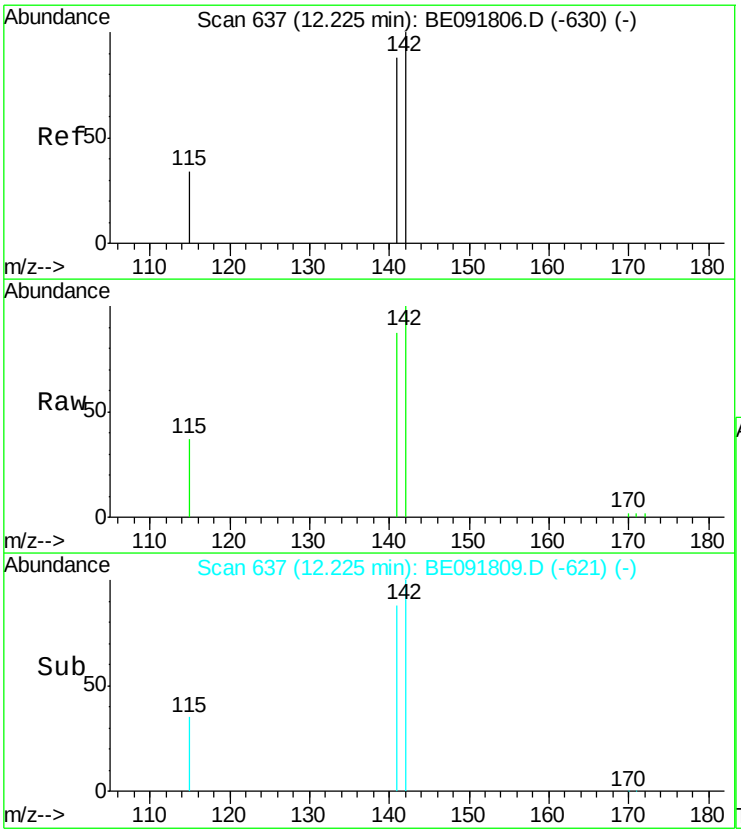
#11
Hexachlorobutadiene
Concen: 0.56 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 1947

Ion	Ratio	Lower	Upper
225	100		
223	74.2	49.0	73.6#
227	73.2	50.3	75.5

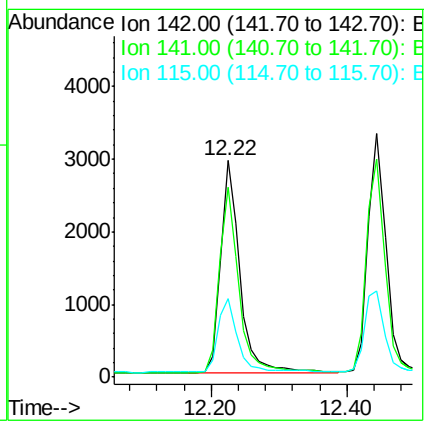


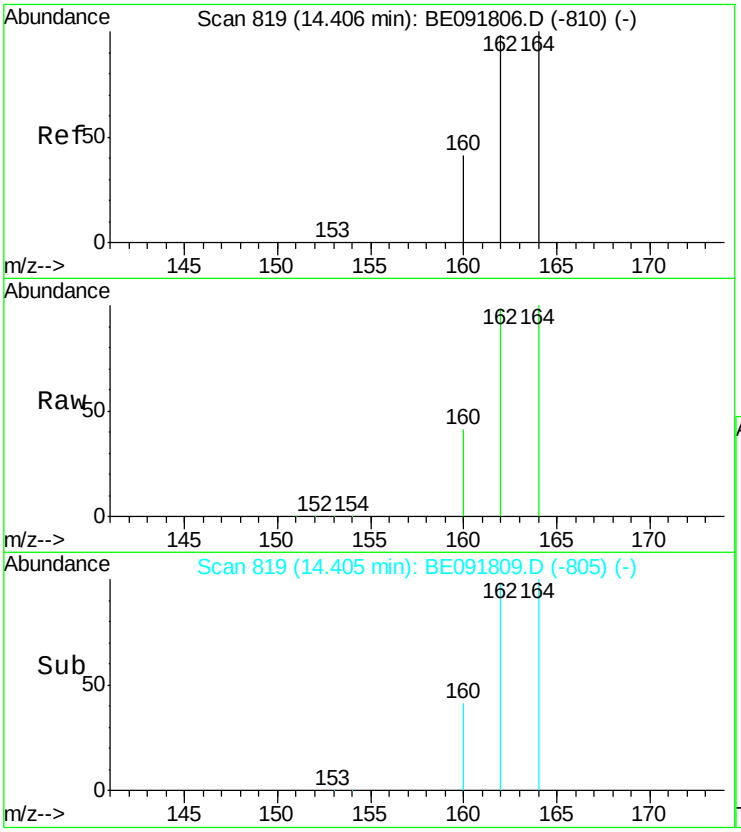


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:142 Resp: 5850

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.0
115	36.5	30.3	45.5



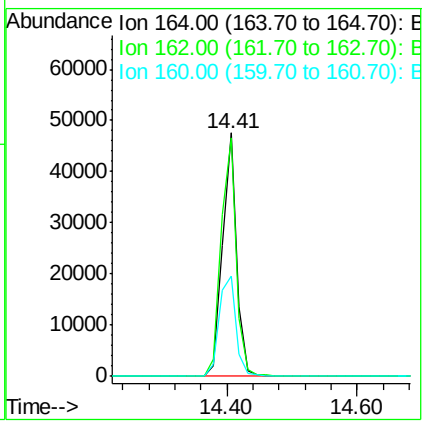


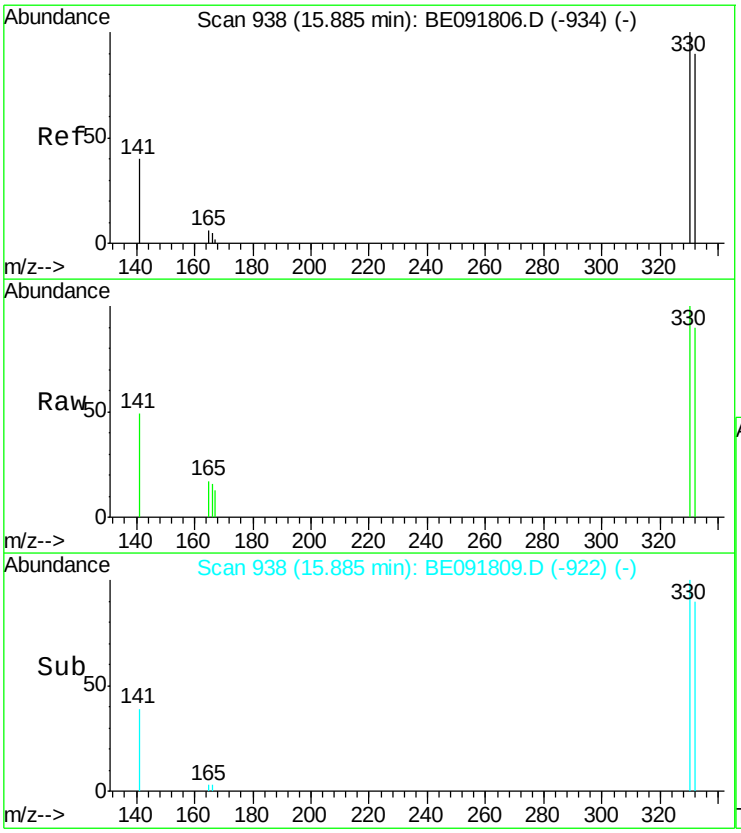
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 73123

Ion	Ratio	Lower	Upper
164	100		
162	98.1	85.3	127.9
160	41.4	46.2	69.2#

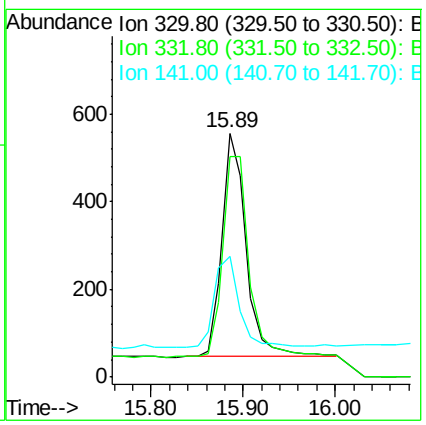


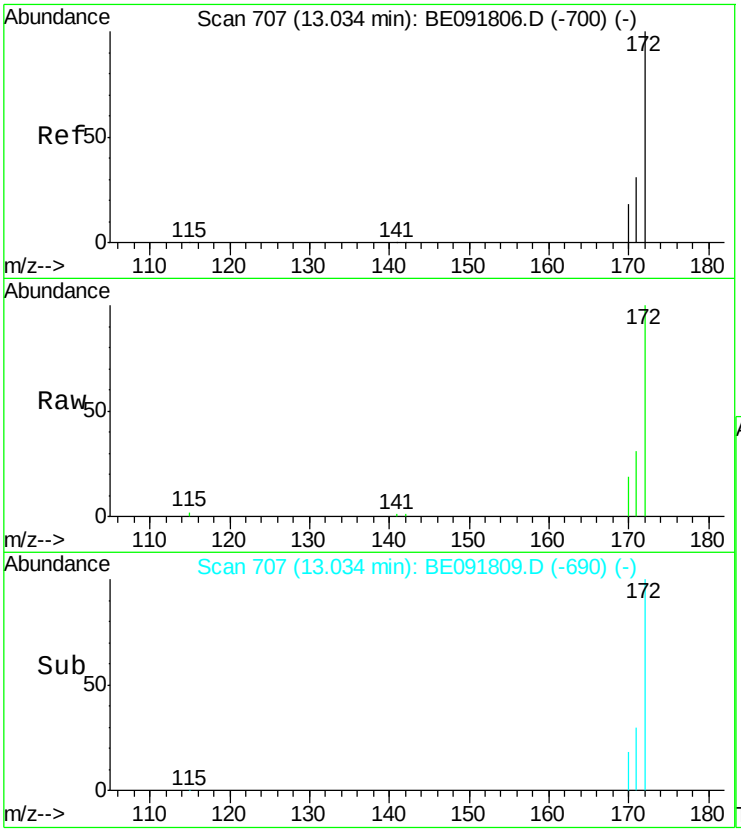


#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.89 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:330 Resp: 937

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	42.6	125.4	188.0#



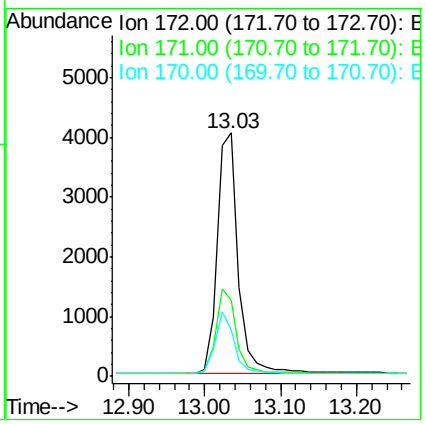


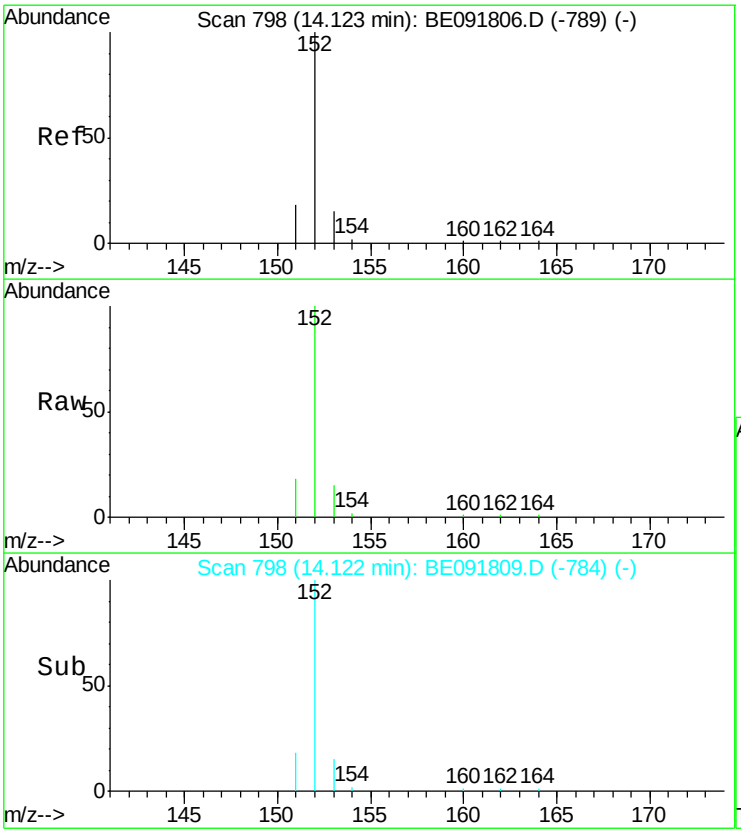
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 7818

Ion	Ratio	Lower	Upper
172	100		
171	31.4	28.8	43.2
170	19.2	19.3	28.9#

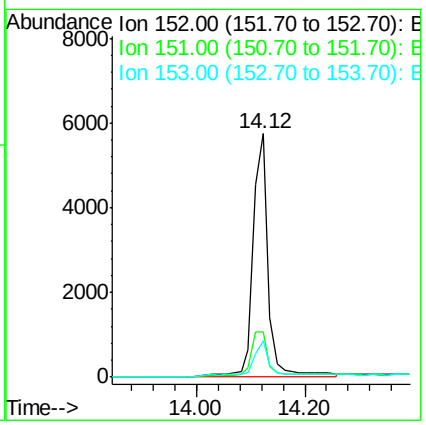


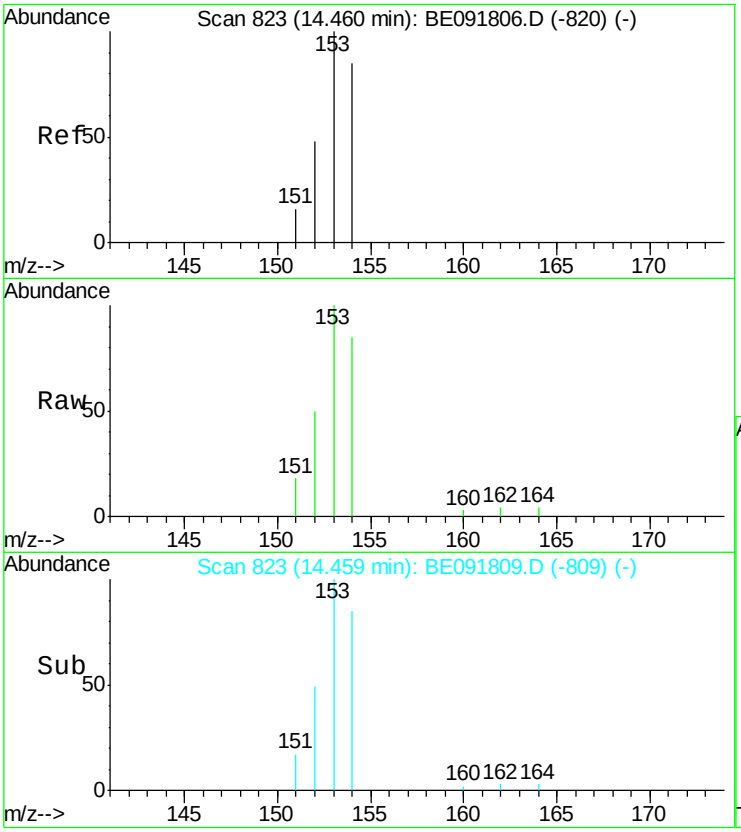


#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:152 Resp: 12087

Ion	Ratio	Lower	Upper
152	100		
151	24.8	3.9	5.9#
153	19.1	10.3	15.5#



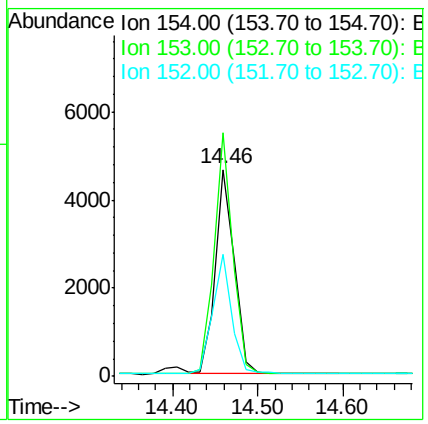


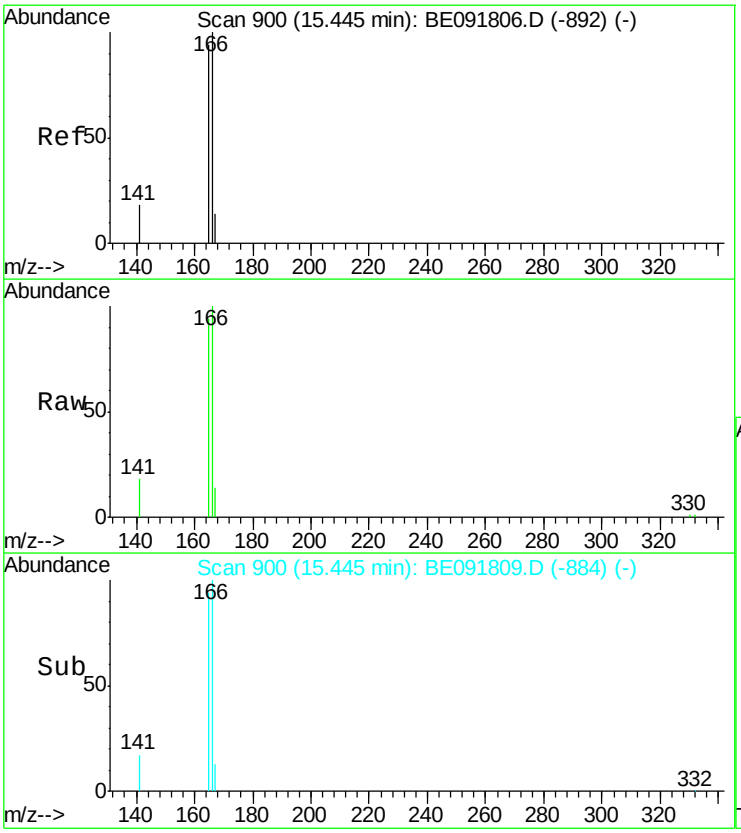
#17
Acenaphthene
Concen: 0.37 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 7188

Ion	Ratio	Lower	Upper
154	100		
153	115.5	80.0	120.0
152	57.2	40.0	60.0

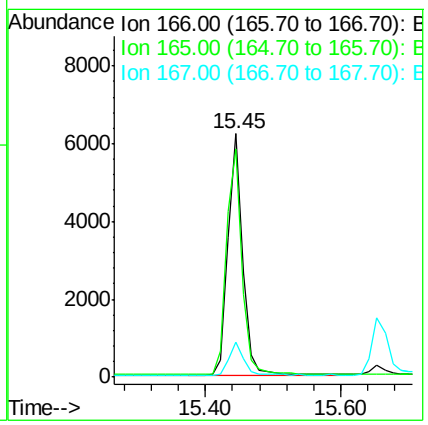


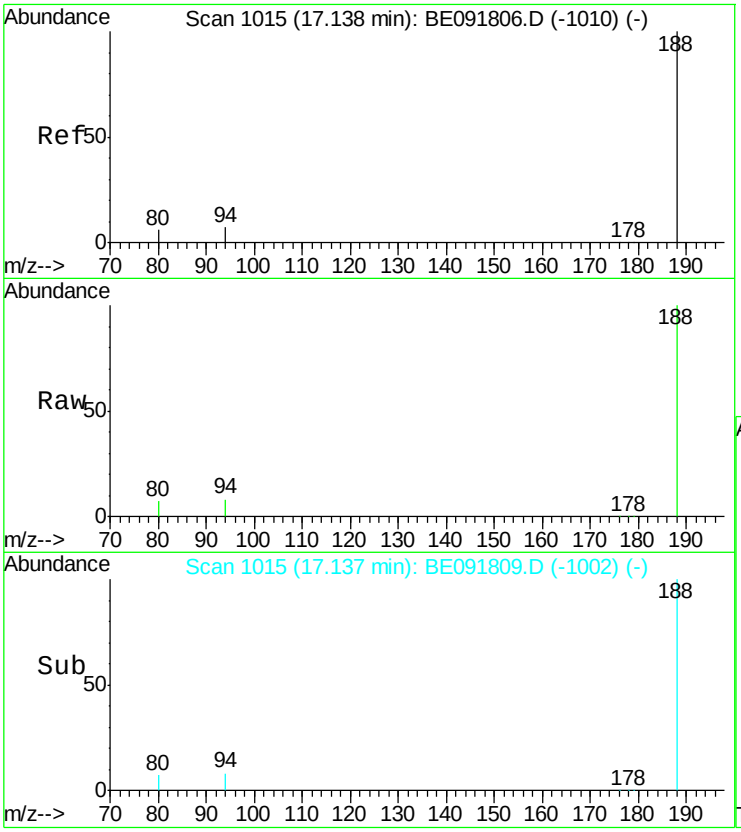


#18
Fluorene
Concen: 0.38 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:166 Resp: 9539

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	13.2	10.9	16.3



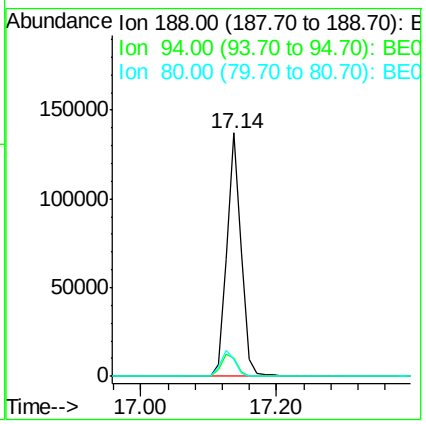


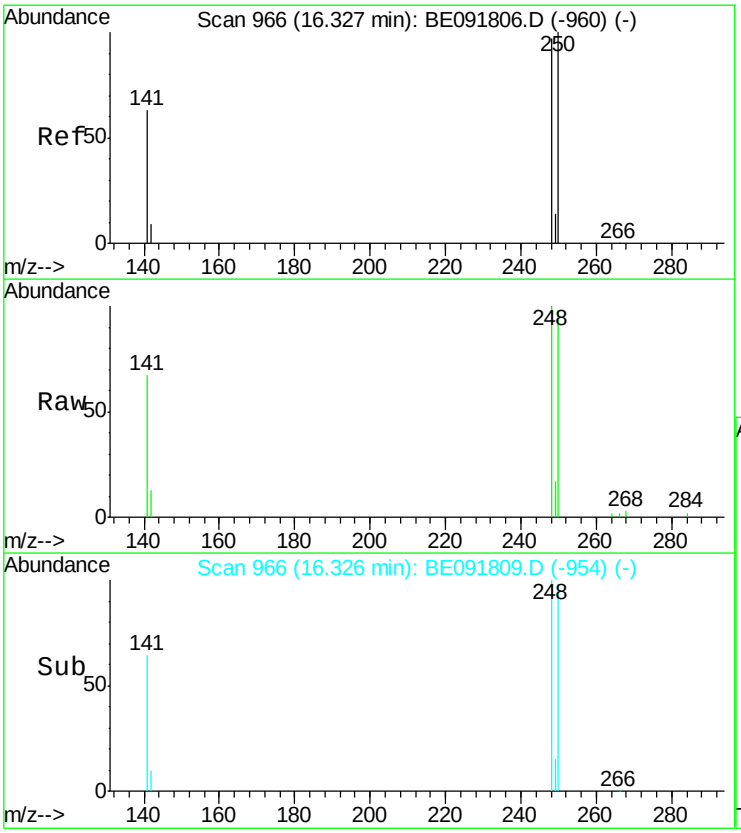
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 204890

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	6.9	9.4	14.0#

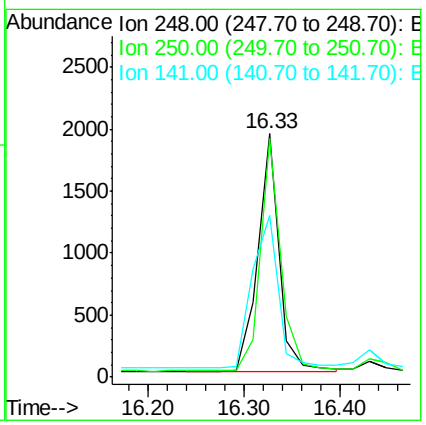


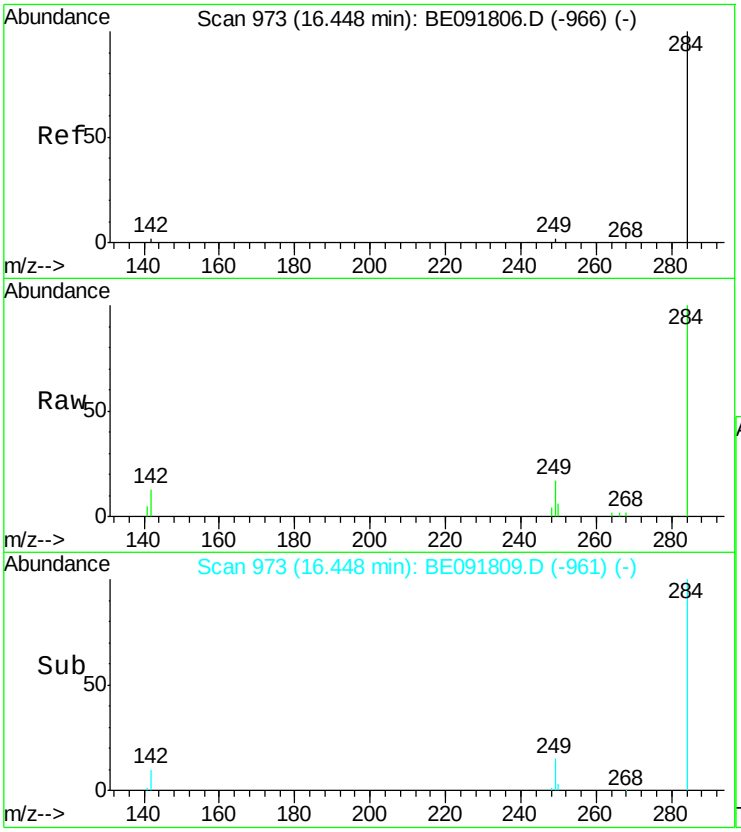


#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:248 Resp: 2920

Ion	Ratio	Lower	Upper
248	100		
250	94.7	80.5	120.7
141	81.0	72.0	108.0



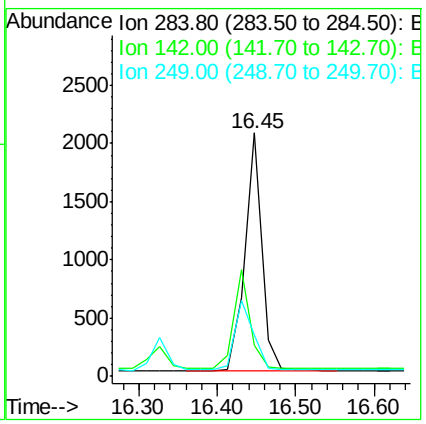


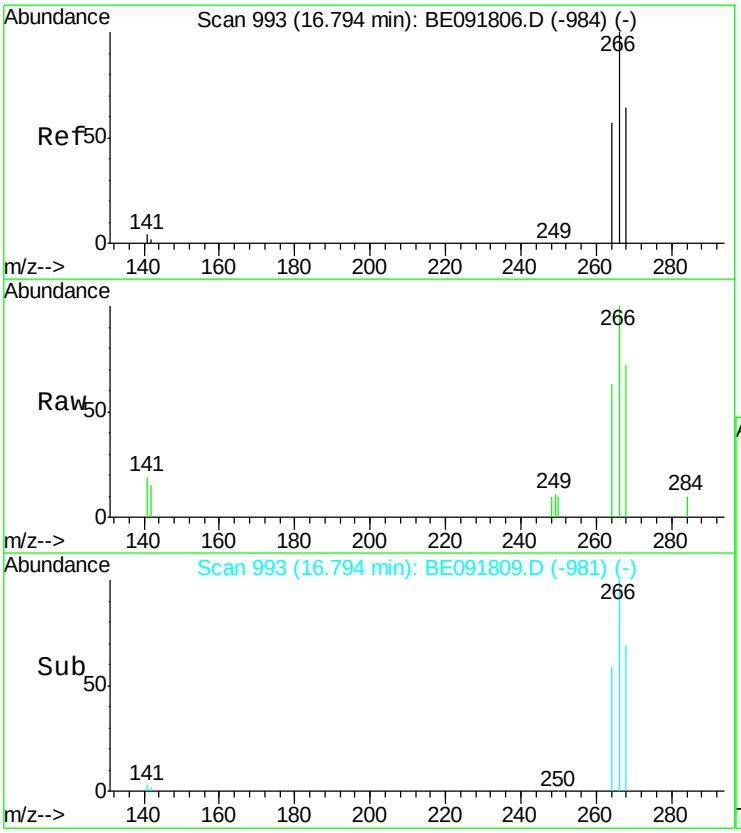
#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3082

Ion	Ratio	Lower	Upper
284	100		
142	39.7	32.2	48.2
249	32.8	25.4	38.2

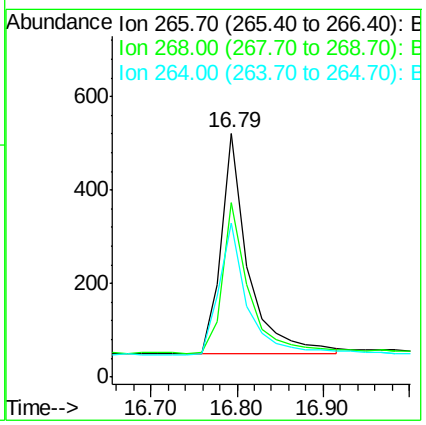


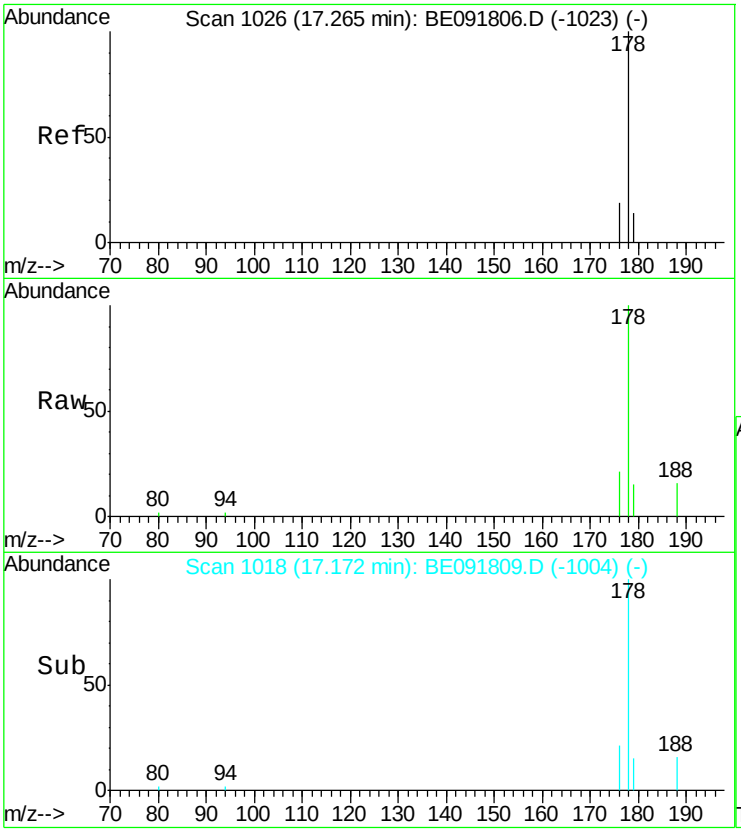


#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:266 Resp: 1044

Ion	Ratio	Lower	Upper
266	100		
268	71.8	58.2	87.2
264	63.0	56.2	84.4



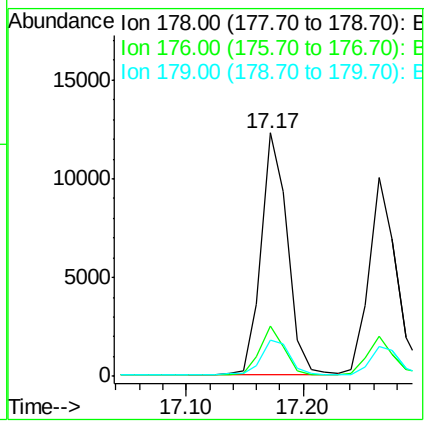


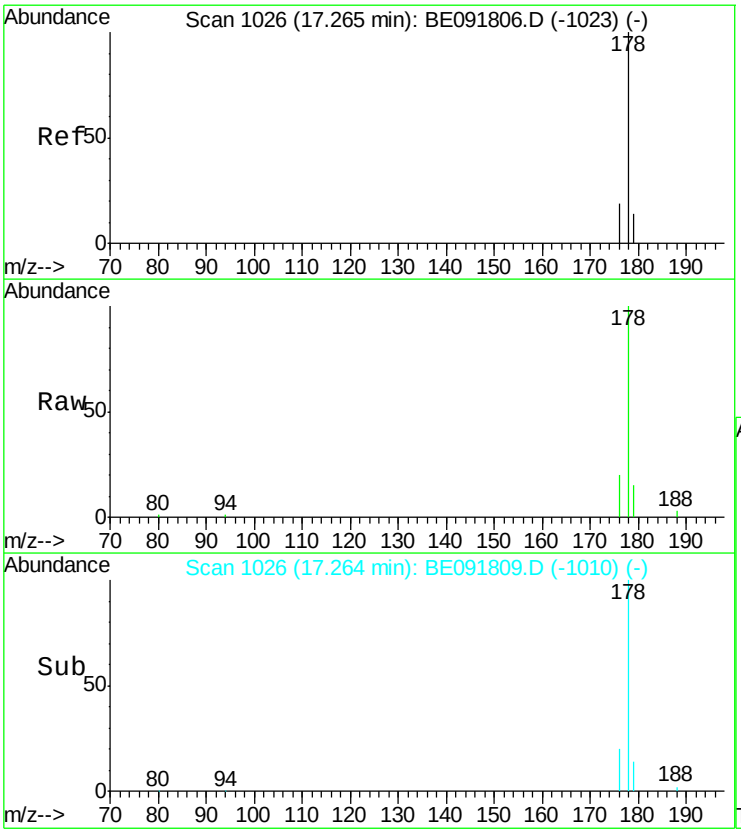
#23
Phenanthrene
Concen: 0.39 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 19270

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	17.0	12.6	18.8

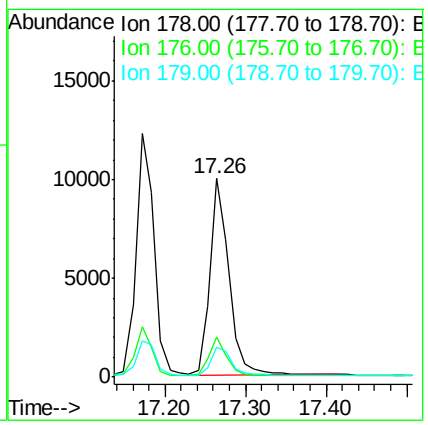


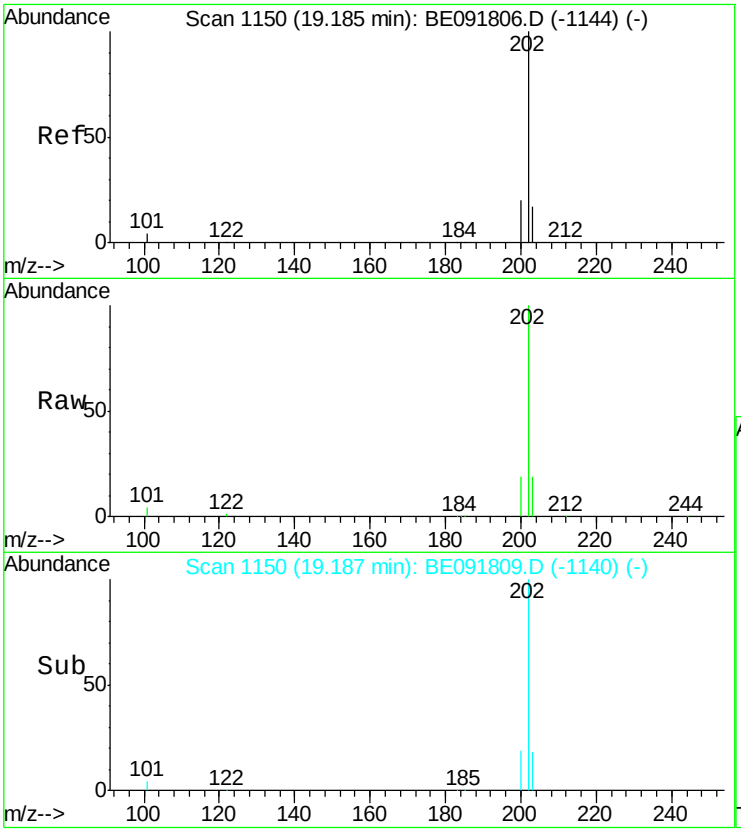


#24
Anthracene
Concen: 0.37 ng
RT: 17.26 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:178 Resp: 16561

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.0	11.8	17.6



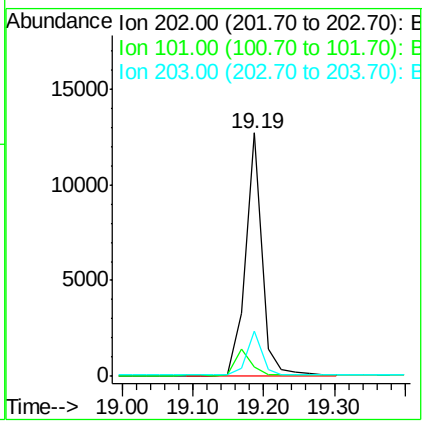


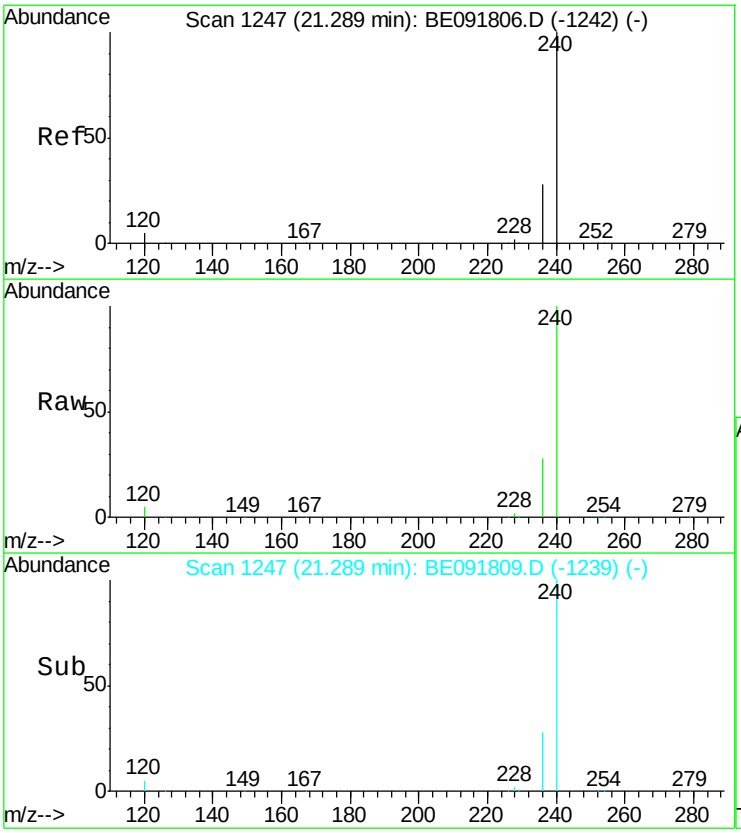
#25
Fluoranthene
Concen: 0.38 ng
RT: 19.19 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 20622

Ion	Ratio	Lower	Upper
202	100		
101	11.0	11.0	16.6#
203	17.5	13.9	20.9

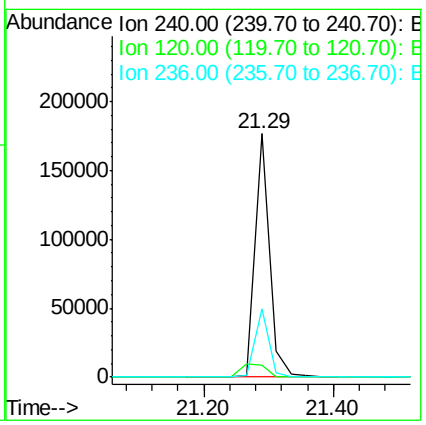


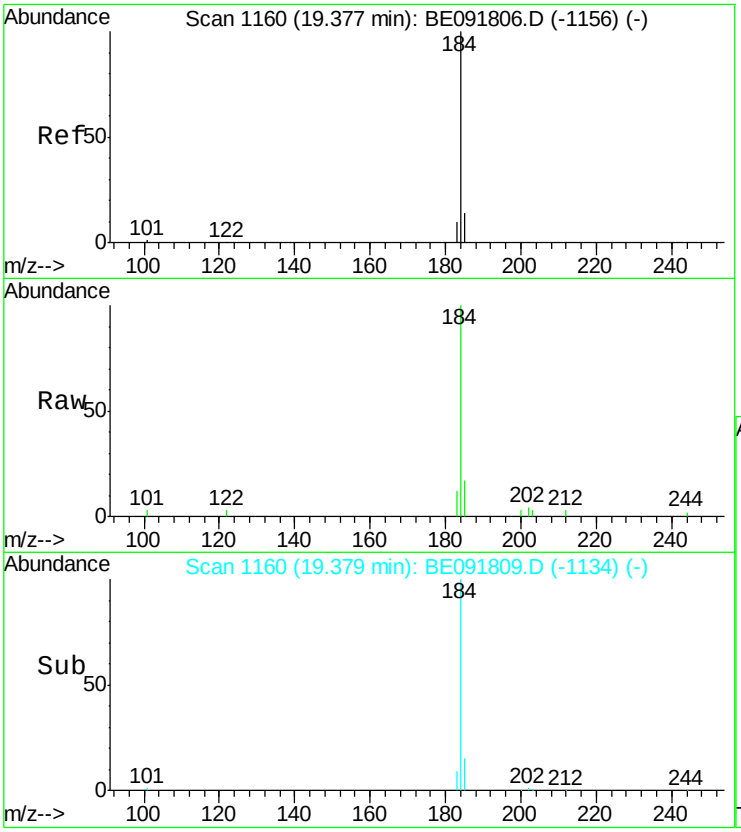


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:240 Resp: 277072

Ion	Ratio	Lower	Upper
240	100		
120	4.8	11.0	16.4#
236	28.3	21.7	32.5



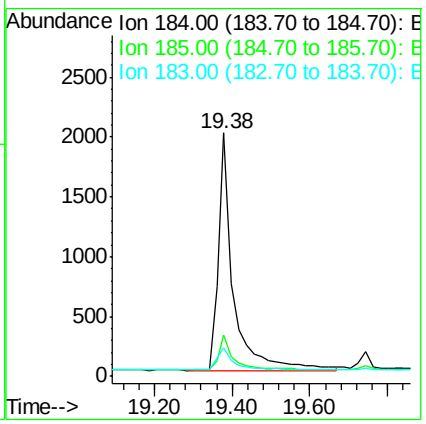


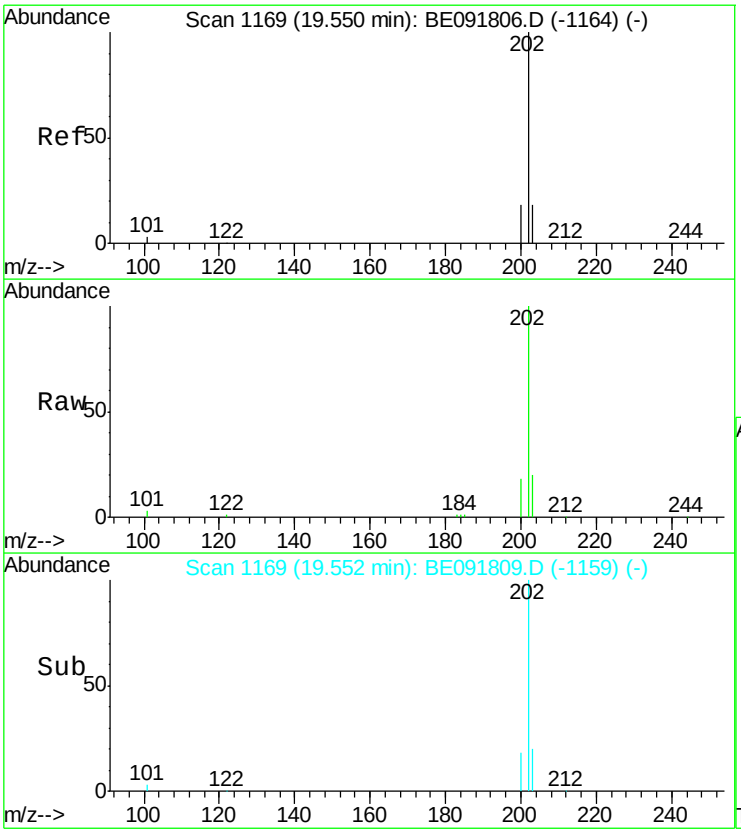
#27
Benzidine
Concen: 0.33 ng
RT: 19.38 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 5390

Ion	Ratio	Lower	Upper
184	100		
185	17.2	22.3	33.5#
183	11.8	16.4	24.6#

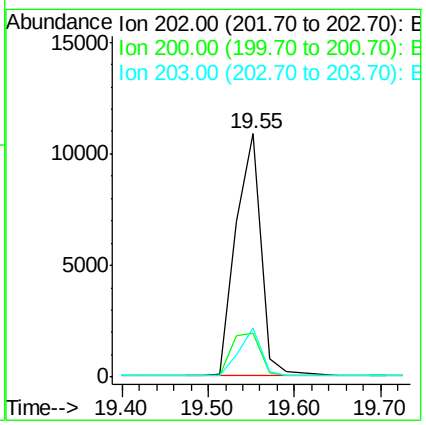


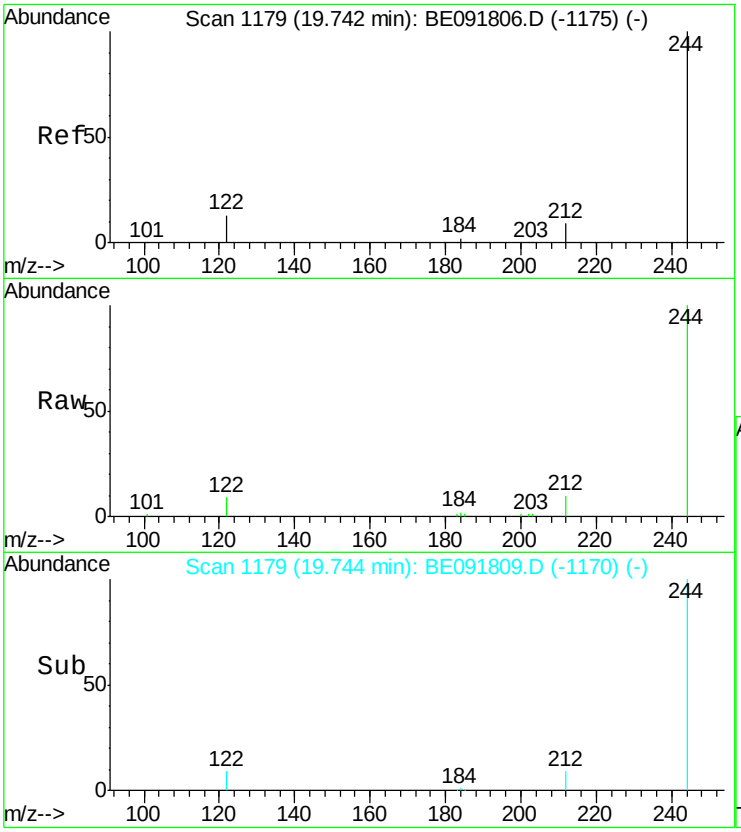


#28
Pyrene
Concen: 0.36 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:202 Resp: 21815

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	14.0	21.0



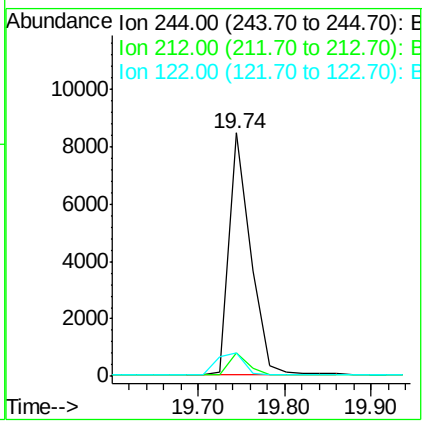


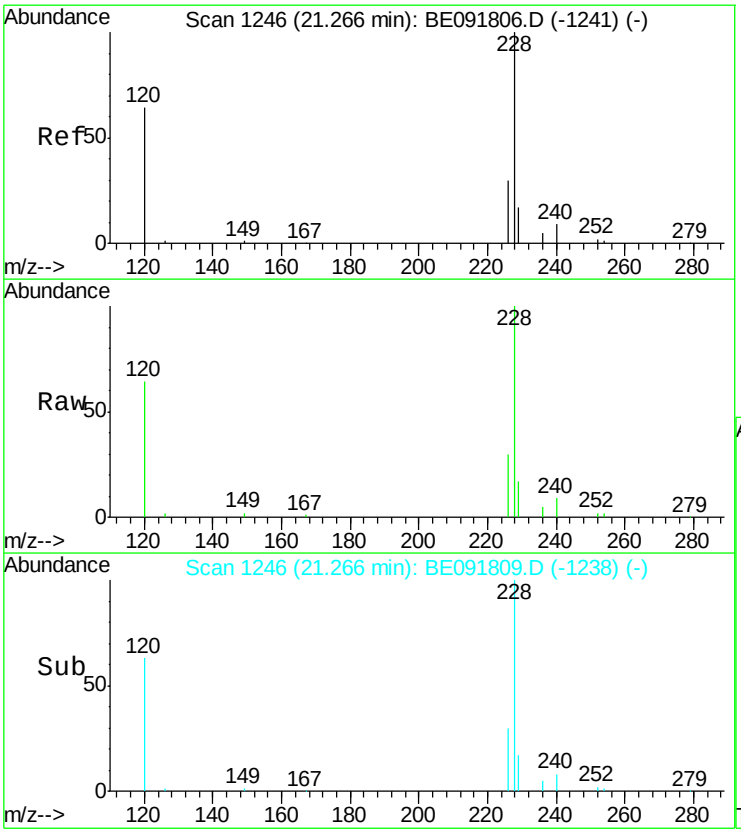
#29
Terphenyl-d14
Concen: 0.37 ng
RT: 19.74 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14680

Ion	Ratio	Lower	Upper
244	100		
212	9.6	6.9	10.3
122	9.4	11.0	16.4#

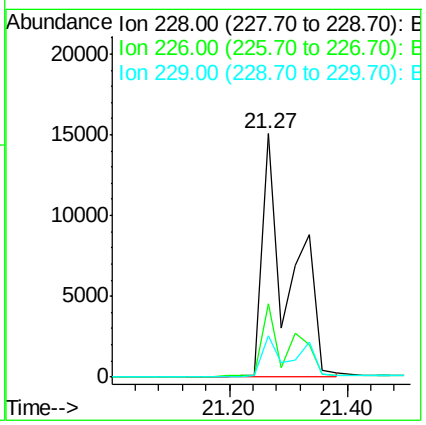


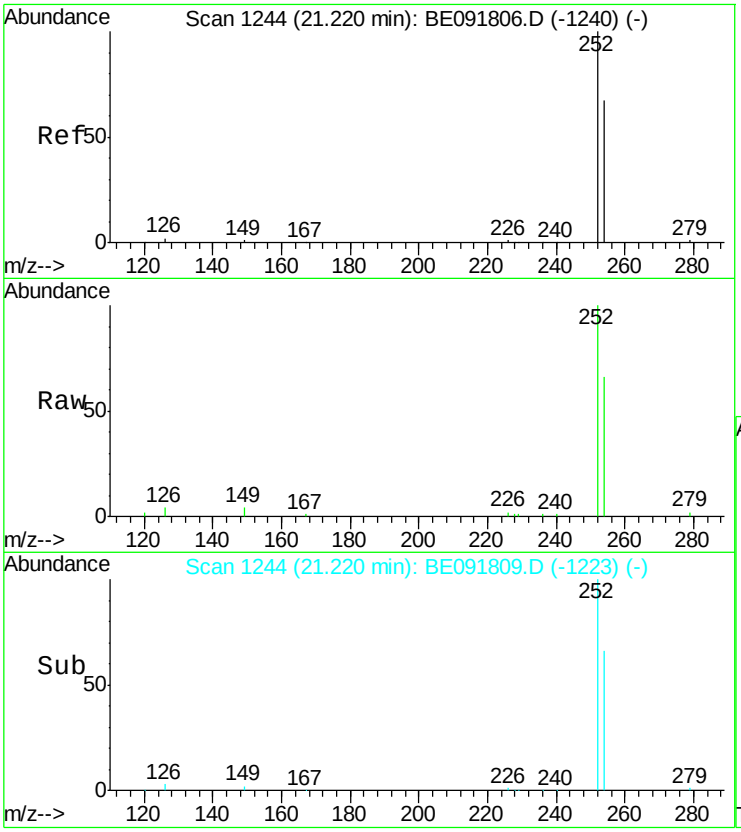


#30
Benzo(a)anthracene
Concen: 0.71 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:228 Resp: 47362

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	17.0	15.7	23.5



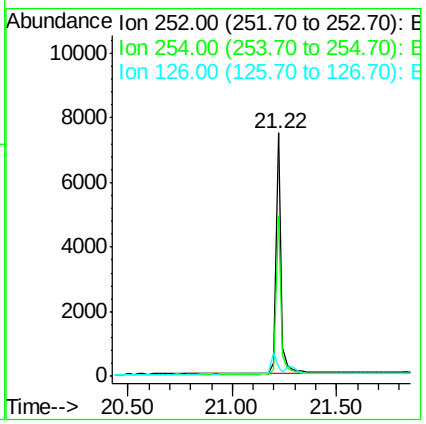


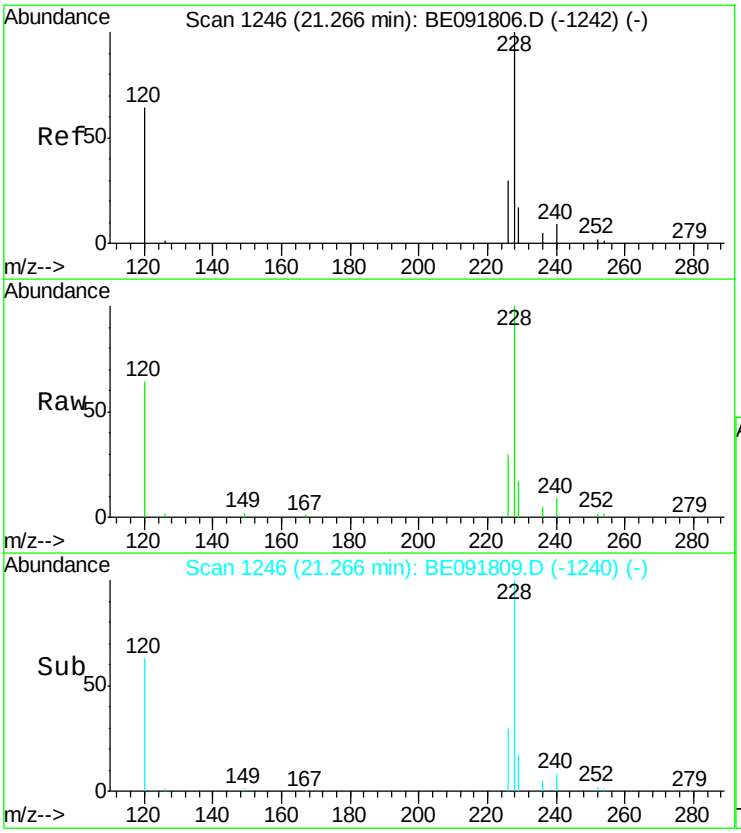
#31
3,3'-Dichlorobenzidine
Concen: 0.32 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13436

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	3.8	12.6	18.8#

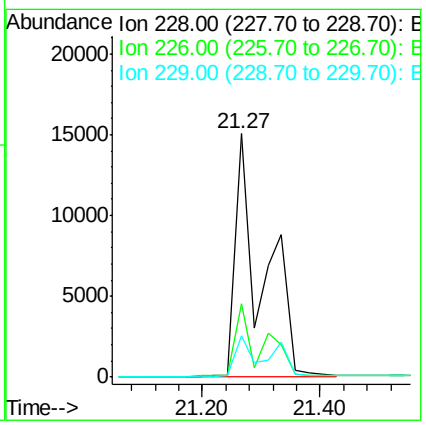


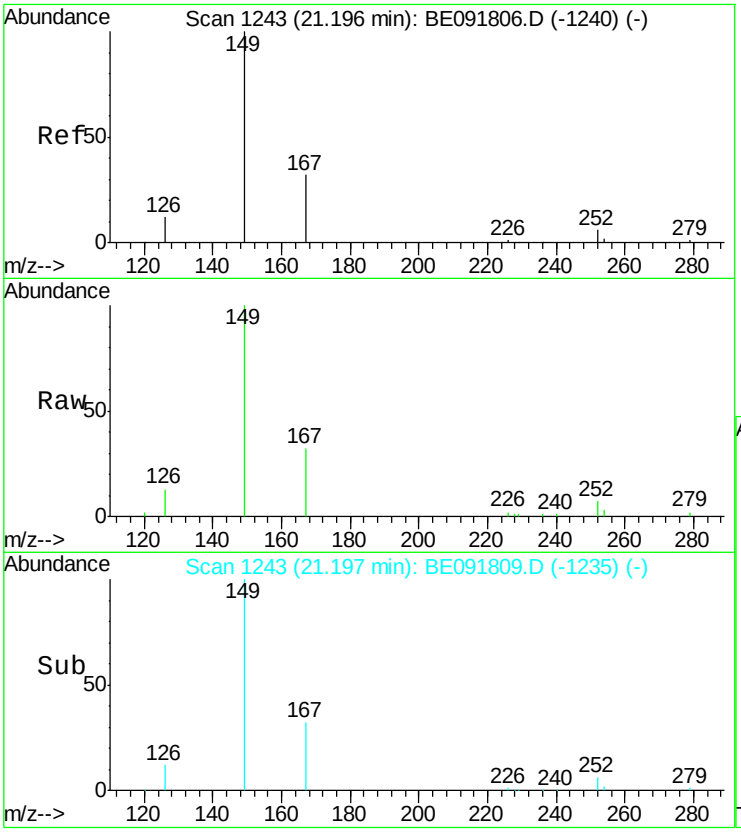


#32
Chrysene
Concen: 0.86 ng
RT: 21.27 min Scan# 1246
Delta R.T. -0.07 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:228 Resp: 47617

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	17.0	15.9	23.9



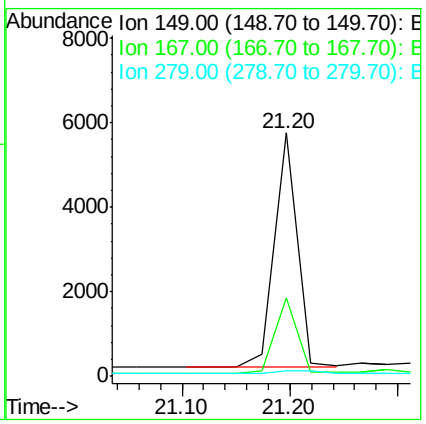


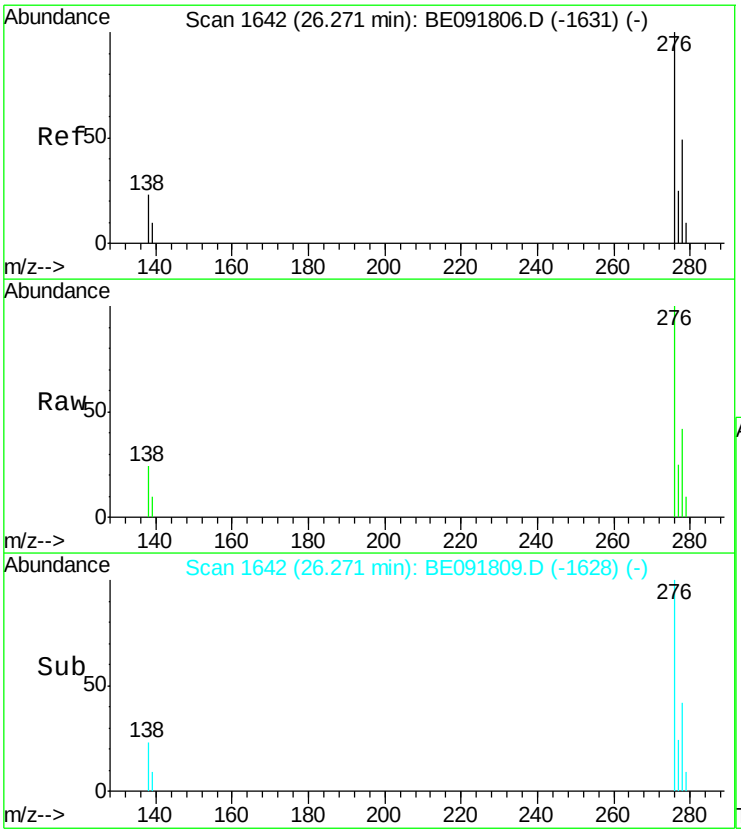
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.45 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 8245

Ion	Ratio	Lower	Upper
149	100		
167	31.4	19.5	29.3#
279	0.0	10.0	15.0#

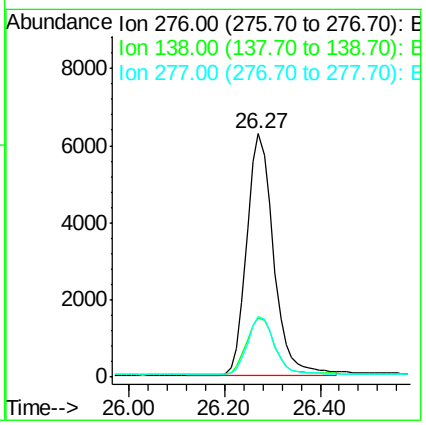


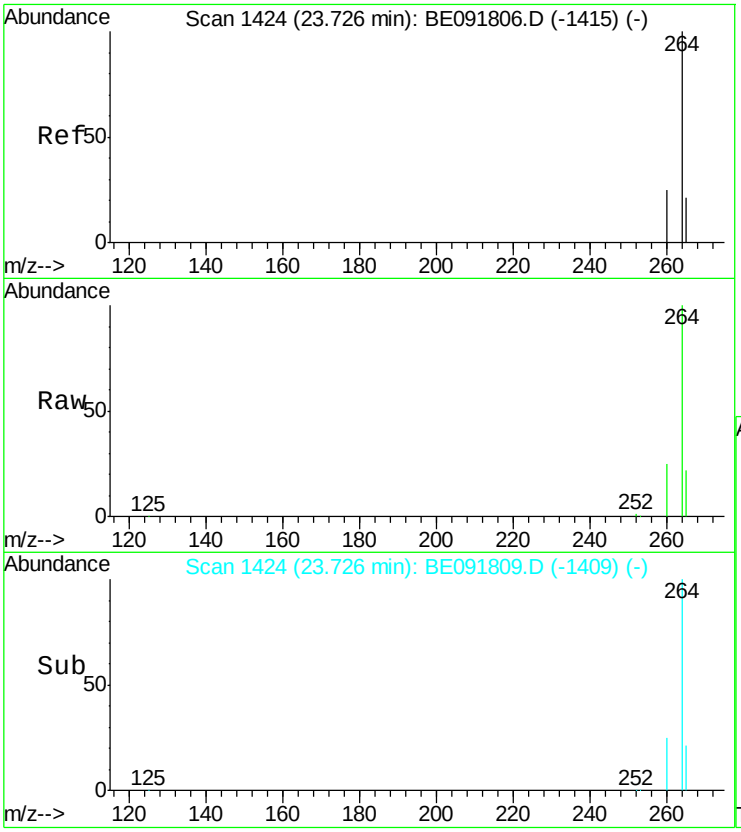


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 26.27 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:276 Resp: 24419

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.4	35.2
277	24.7	19.8	29.8



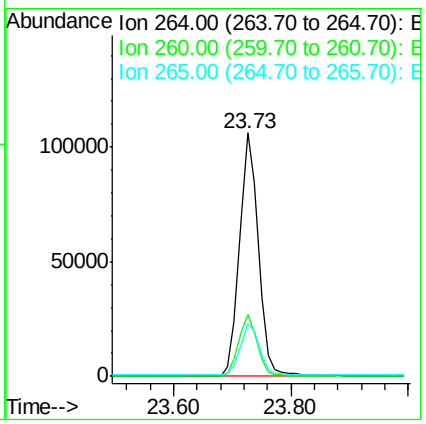


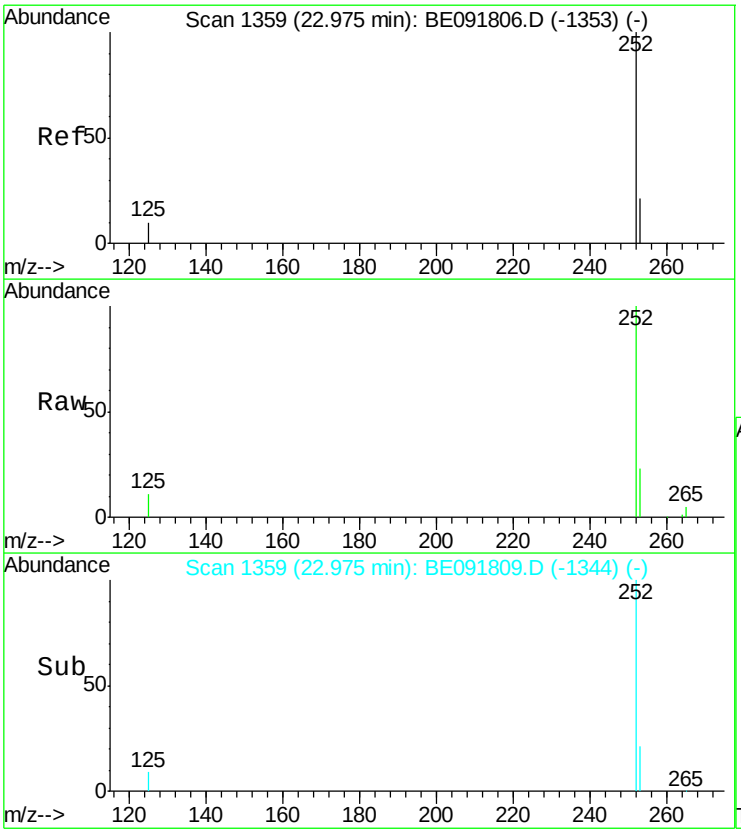
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 238237

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.9	17.5	26.3

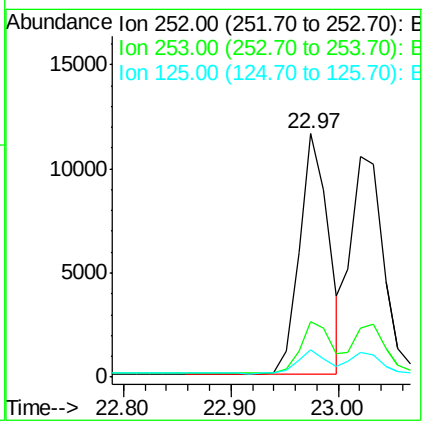


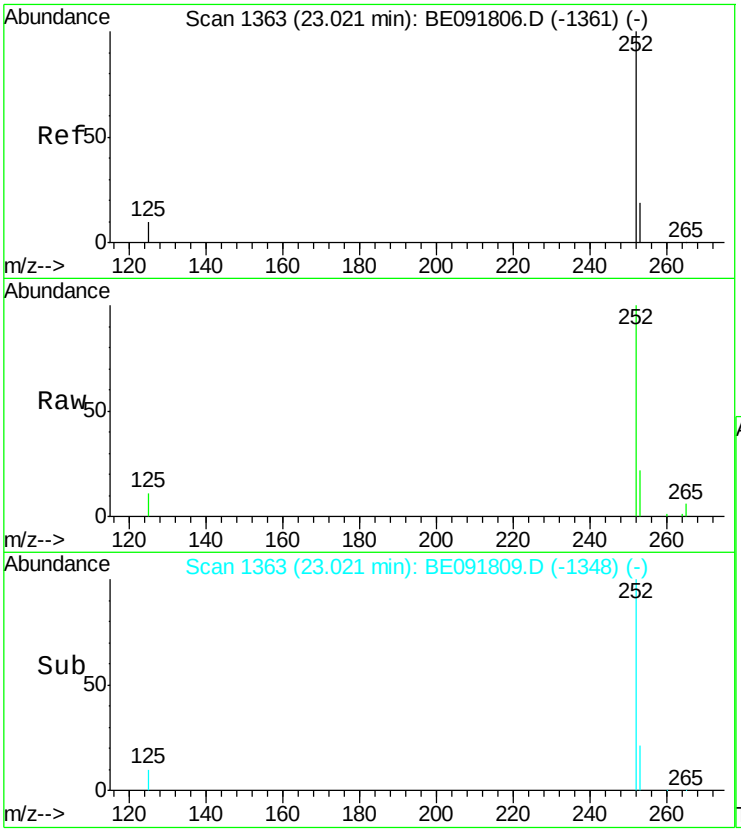


#36
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.97 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:252 Resp: 21679

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	11.0	10.2	15.2



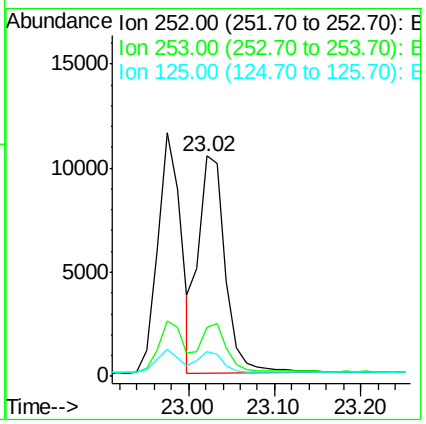


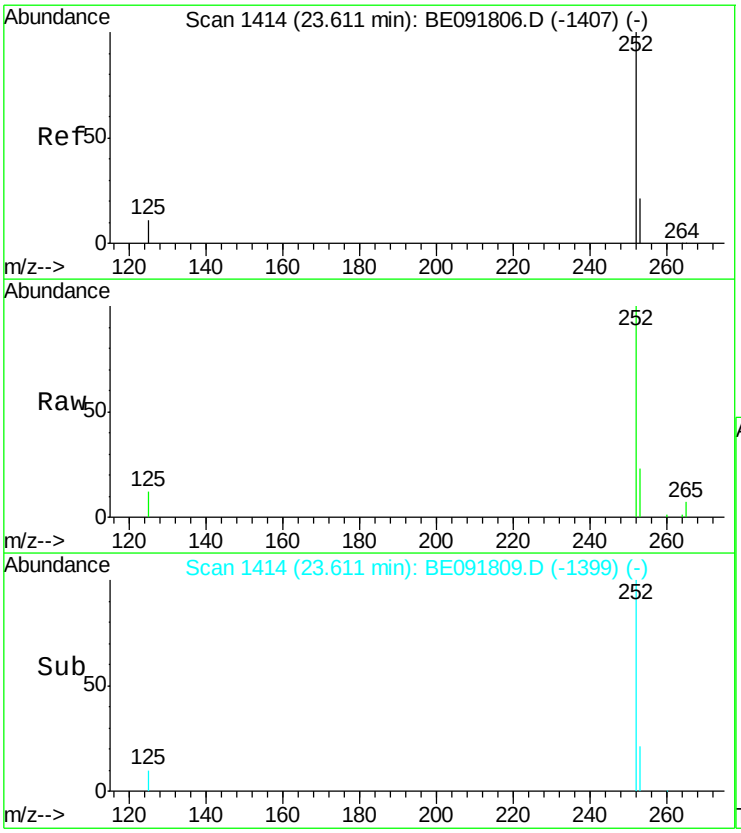
#37
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.02 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 22494

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	11.3	9.9	14.9

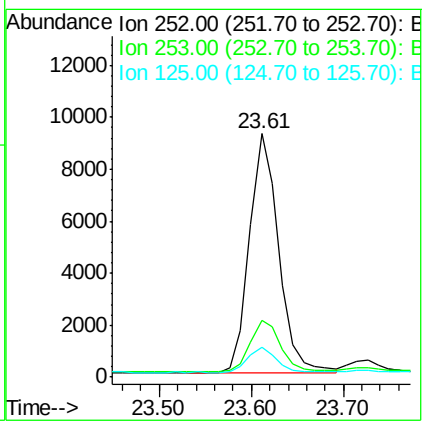


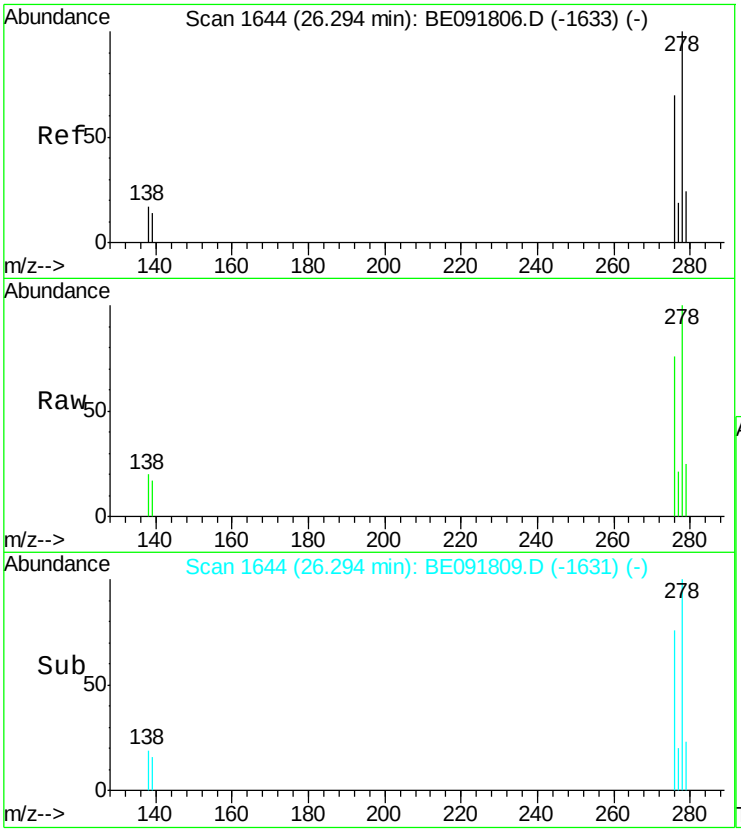


#38
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.61 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:252 Resp: 20583

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.0	11.0	16.4



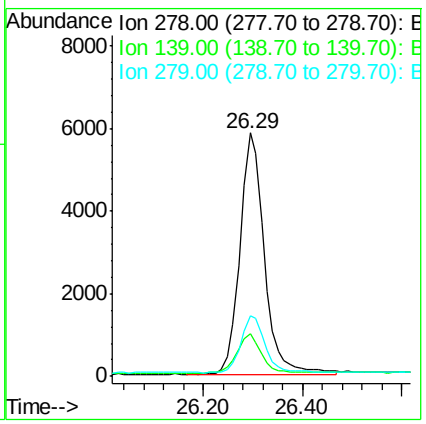


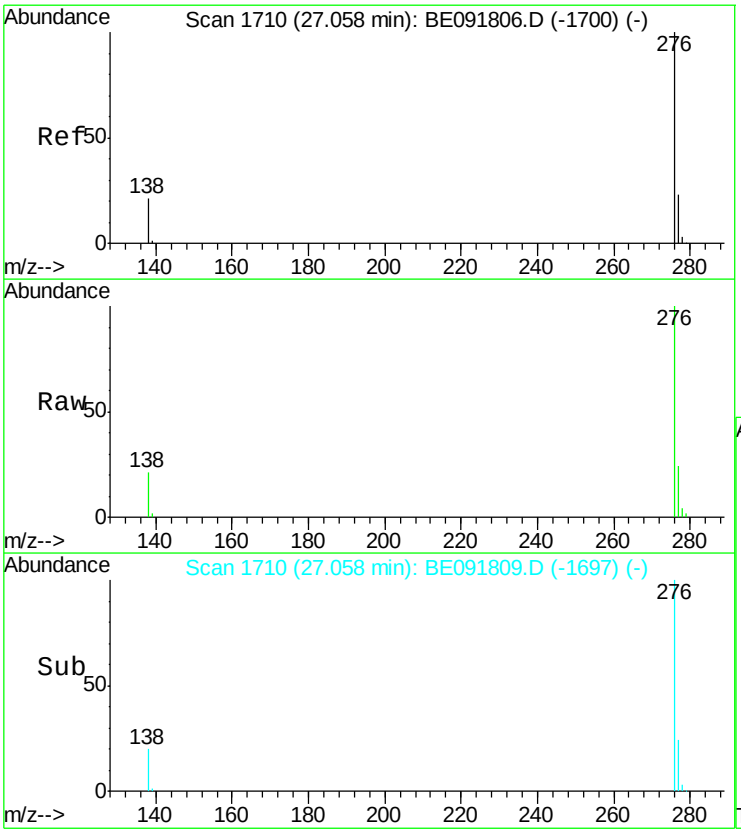
#39
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.29 min Scan# 1644
Delta R.T. -0.05 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 20059

Ion	Ratio	Lower	Upper
278	100		
139	17.5	16.0	24.0
279	24.7	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.06 min Scan# 1710
Delta R.T. -0.05 min
Lab File: BE091809.D
Acq: 19 May 2016 14:26

Tgt Ion:276 Resp: 21120

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	21.0	20.4	30.6