Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091684.D
Acq On : 20 Apr 2016 14:28
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 20 15:33:34 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:30:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	30800	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	148691	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	90401	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	225292	5.00	ng		0.00
26) Chrysene-d12	21.31	240	240652	5.00	ng		0.00
35) Perylene-d12	23.75	264	218709	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	2623	0.39	ng		0.00
5) Phenol-d6	6.97	99	3443	0.38	ng		0.00
8) Nitrobenzene-d5	8.96	82	2850	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	1298	0.68	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	10031	0.40	ng		0.00
29) Terphenyl-d14	19.76	244	14323	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1686	0.42	ng		90
3) n-Nitrosodimethylamine	3.66	42	1681	0.38	ng	#	89
6) bis(2-Chloroethyl)ether	7.23	93	3218	0.39	ng	#	77
9) Nitrobenzene	9.00	77	2868	0.37	ng		96
10) Naphthalene	10.63	128	12298	0.41	ng		97
11) Hexachlorobutadiene	10.92	225	2385	0.54	ng		90
12) 2-Methylnaphthalene	12.24	142	7699	0.40	ng		99
16) Acenaphthylene	14.14	152	13162	0.40	ng	#	78
17) Acenaphthene	14.47	154	8734	0.39	ng		86
18) Fluorene	15.46	166	10857	0.40	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	3049	0.39	ng		97
21) Hexachlorobenzene	16.46	284	3366	0.41	ng		97
22) Pentachlorophenol	16.81	266	742	0.27	ng		93
23) Phenanthrene	17.19	178	21076	0.41	ng		99
24) Anthracene	17.29	178	17303	0.38	ng		99
25) Fluoranthene	19.21	202	19348	0.38	ng		98
27) Benzidine	19.40	184	3430	0.20	ng	#	86
28) Pyrene	19.55	202	20848	0.43	ng		99
30) Benzo(a)anthracene	21.29	228	21604	0.39	ng		97
31) 3,3'-Dichlorobenzidine	21.24	252	7128	0.33	ng	#	83
32) Chrysene	21.29	228	21573	0.38	ng		93
33) Bis(2-ethylhexyl)phthalate	21.20	149	3272	0.32	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.31	276	20876	0.41	ng		96
36) Benzo(b)fluoranthene	23.00	252	19896	0.41	ng		97
37) Benzo(k)fluoranthene	23.04	252	19659	0.38	ng		99
38) Benzo(a)pyrene	23.63	252	16655	0.37	ng		100
39) Dibenzo(a,h)anthracene	26.34	278	17094	0.39	ng	#	95
40) Benzo(g,h,i)perylene	27.09	276	18017	0.40	ng		97

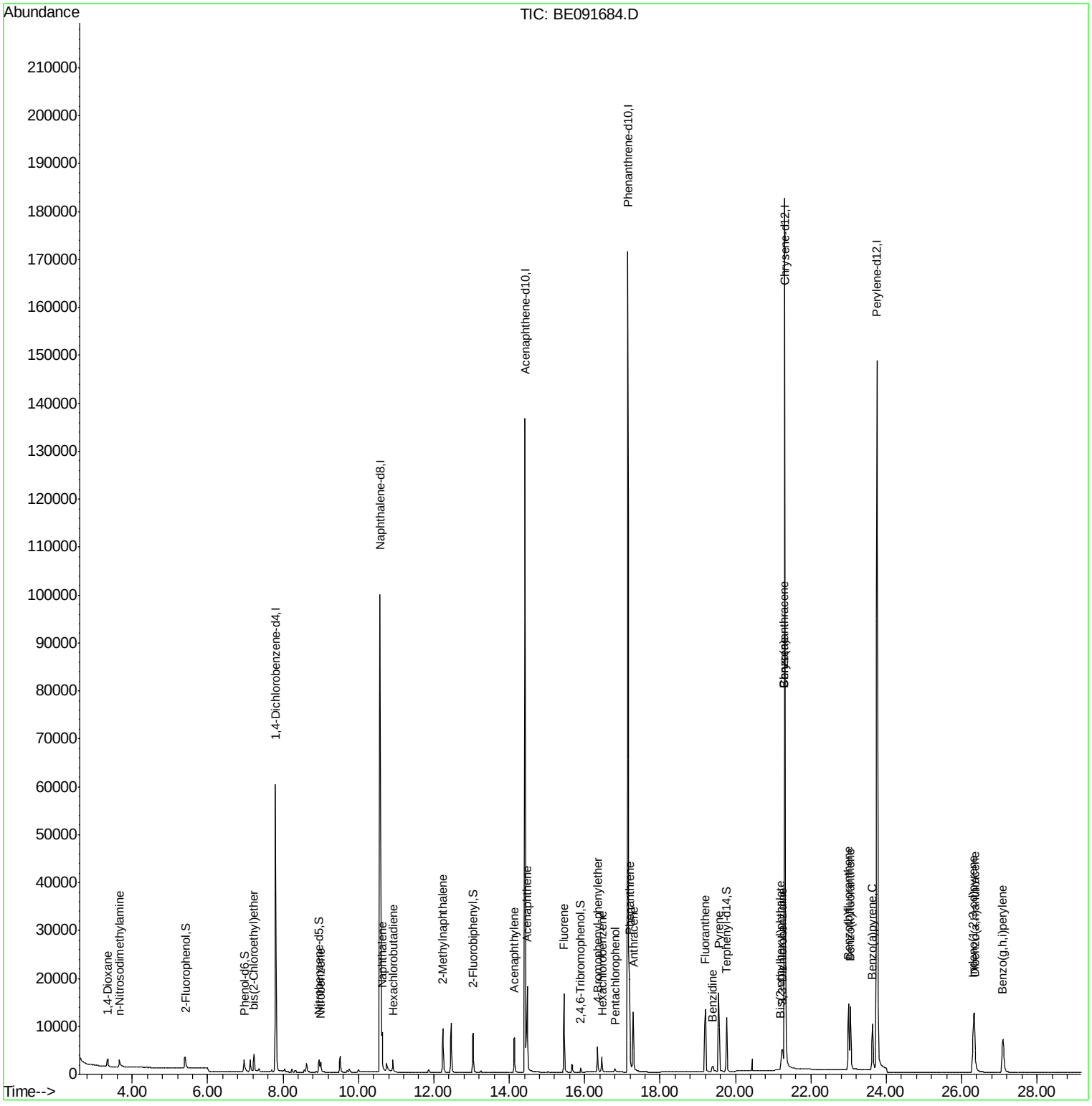
(#) = qualifier out of range (m) = manual integration (+) = signals summed

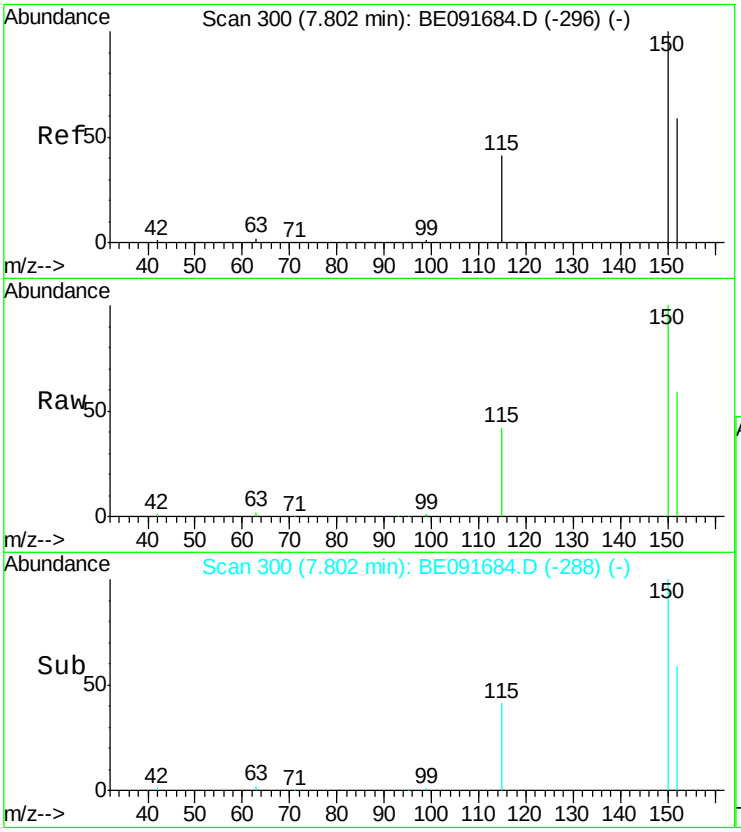
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091684.D
Acq On : 20 Apr 2016 14:28
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 20 15:33:34 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 15:30:28 2016
Response via : Initial Calibration



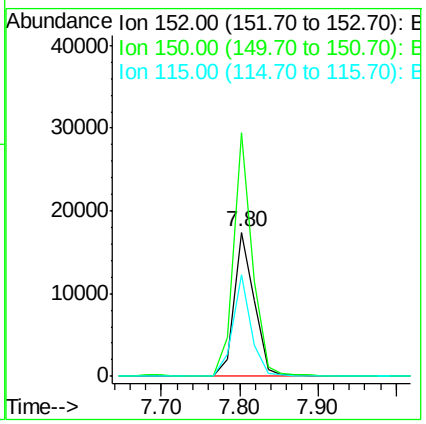


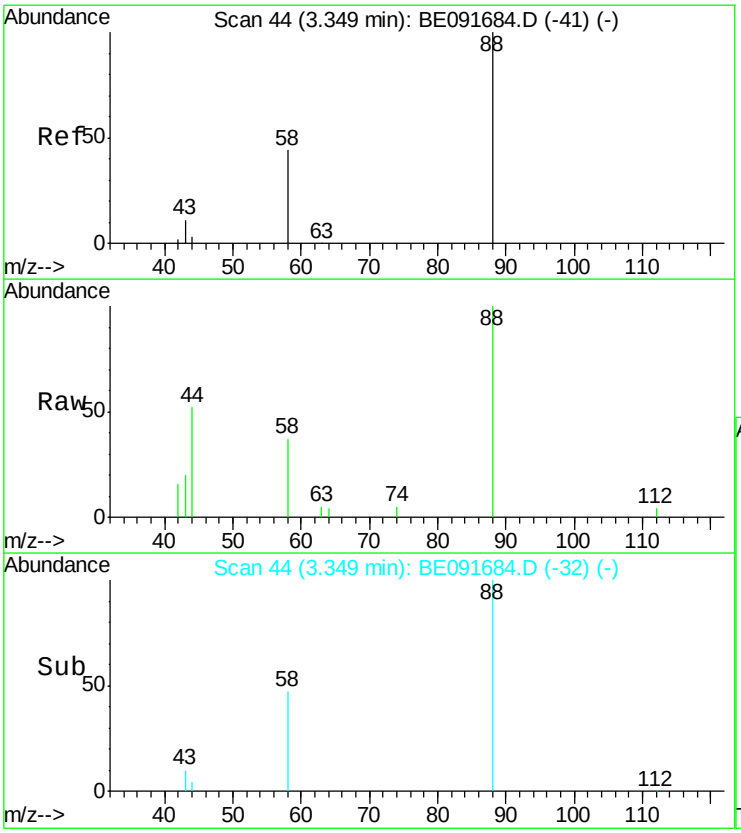
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 30800

Ion	Ratio	Lower	Upper
152	100		
150	169.2	122.6	183.8
115	70.3	52.8	79.2

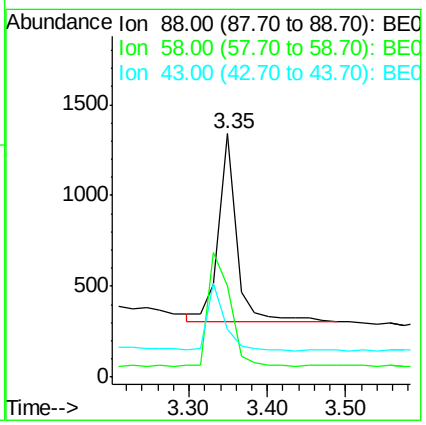


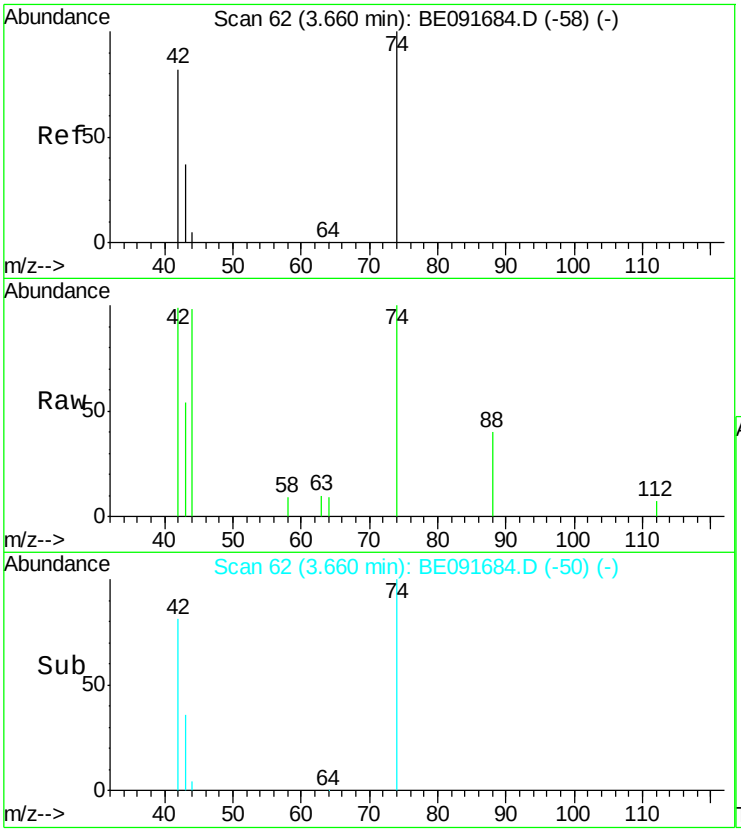


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion: 88 Resp: 1686

Ion	Ratio	Lower	Upper
88	100		
58	71.5	65.8	98.6
43	34.6	25.3	37.9



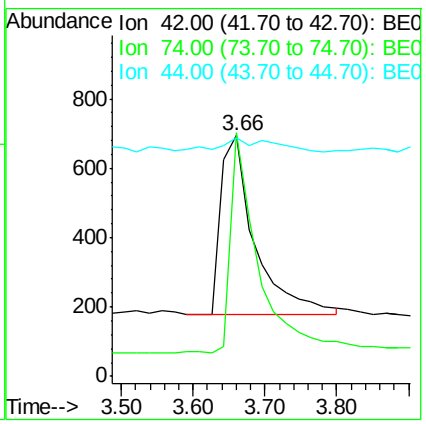


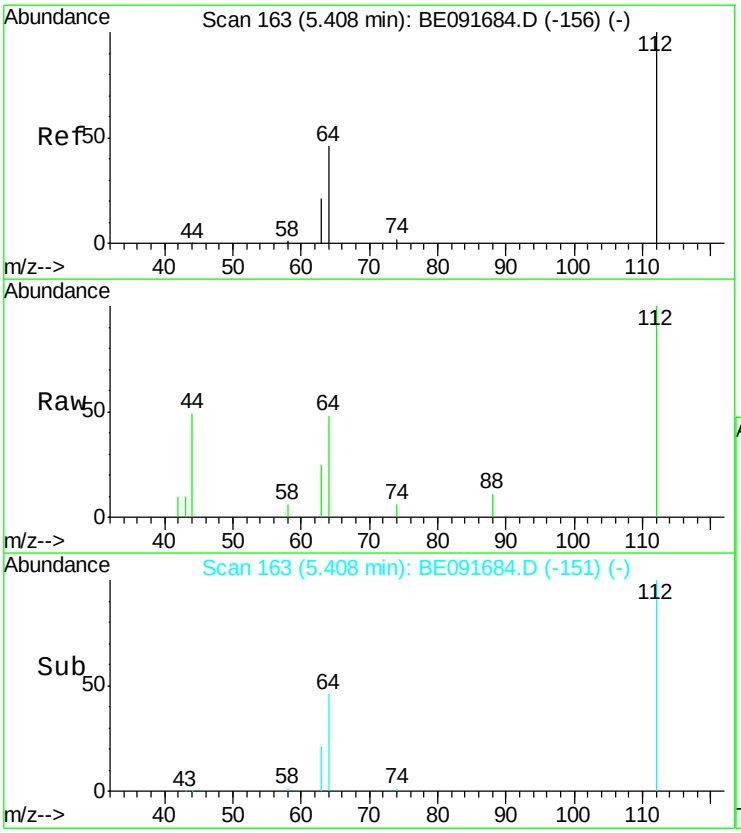
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.66 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 1681

Ion	Ratio	Lower	Upper
42	100		
74	98.4	87.9	131.9
44	11.3	6.6	9.8#

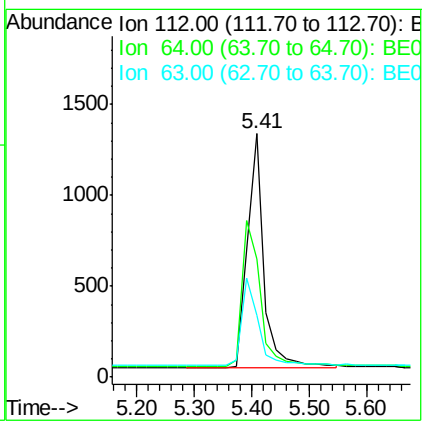


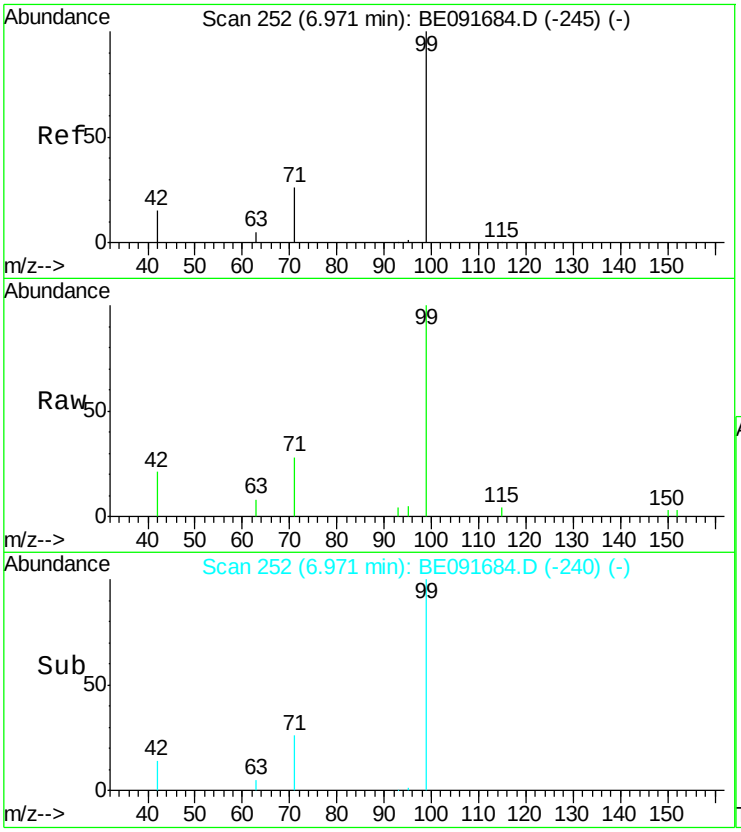


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:112 Resp: 2623

Ion	Ratio	Lower	Upper
112	100		
64	67.9	30.9	46.3#
63	37.9	16.7	25.1#



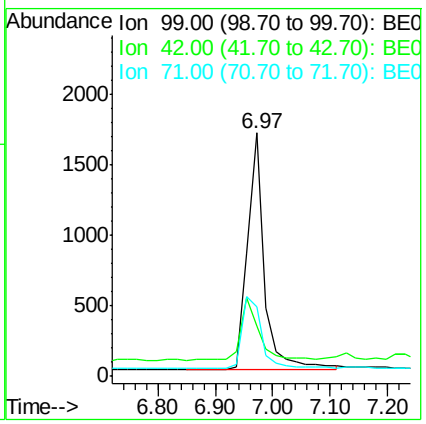


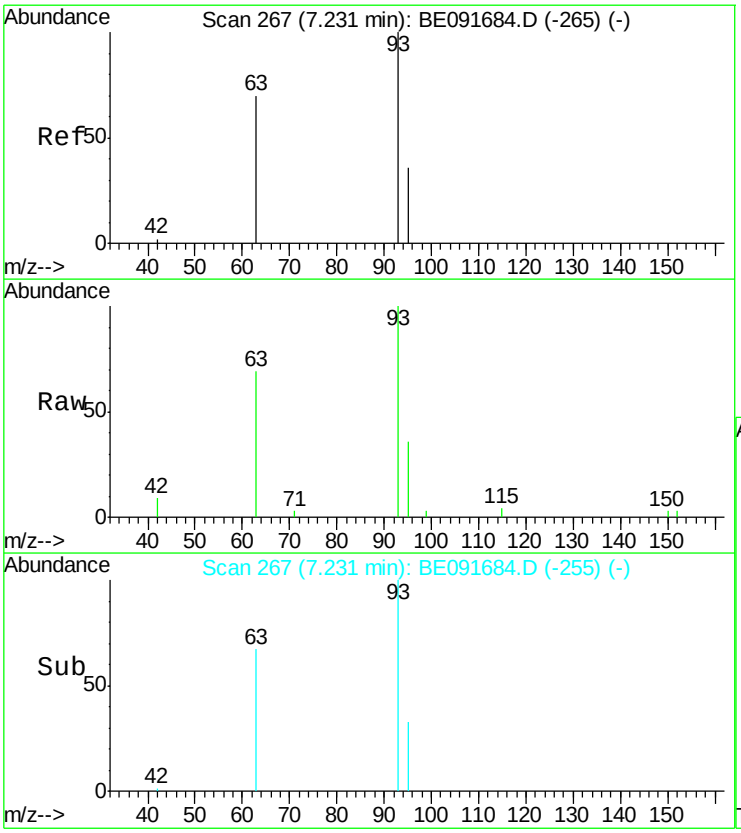
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 3443

Ion	Ratio	Lower	Upper
99	100		
42	27.9	16.2	24.2#
71	35.4	29.0	43.4

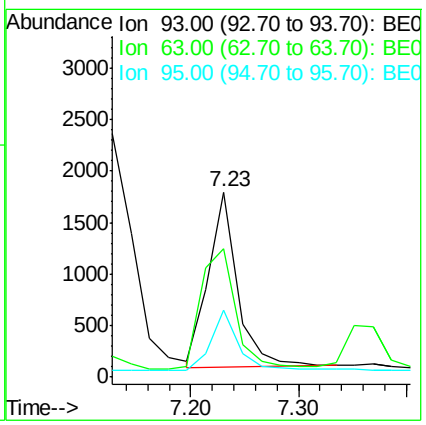


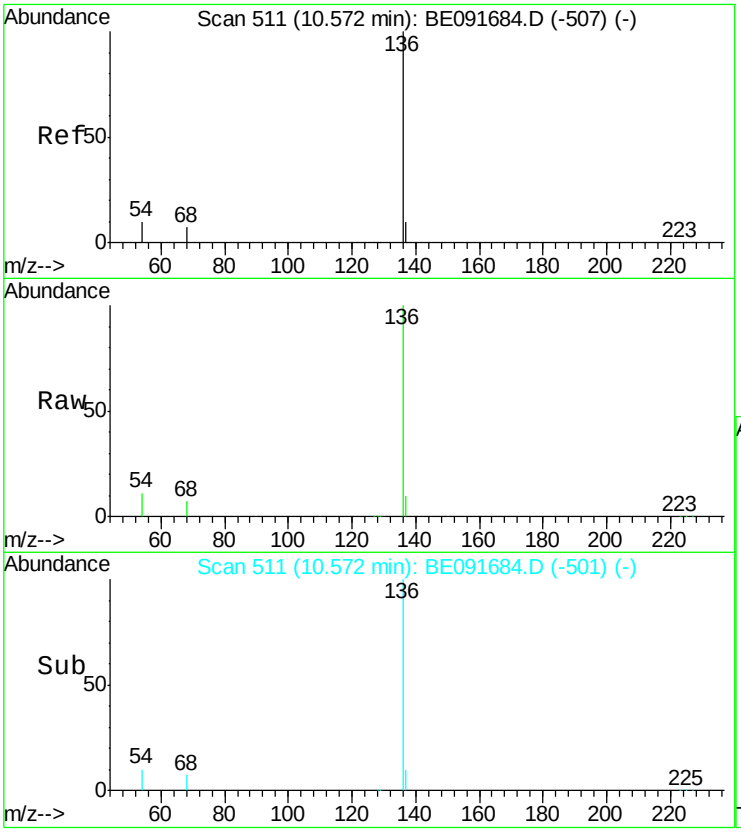


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.23 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion: 93 Resp: 3218

Ion	Ratio	Lower	Upper
93	100		
63	83.2	49.5	74.3#
95	34.0	22.2	33.4#



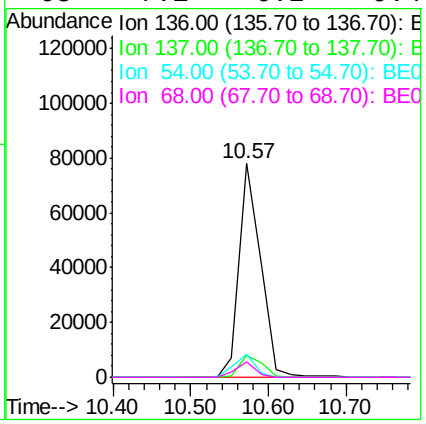


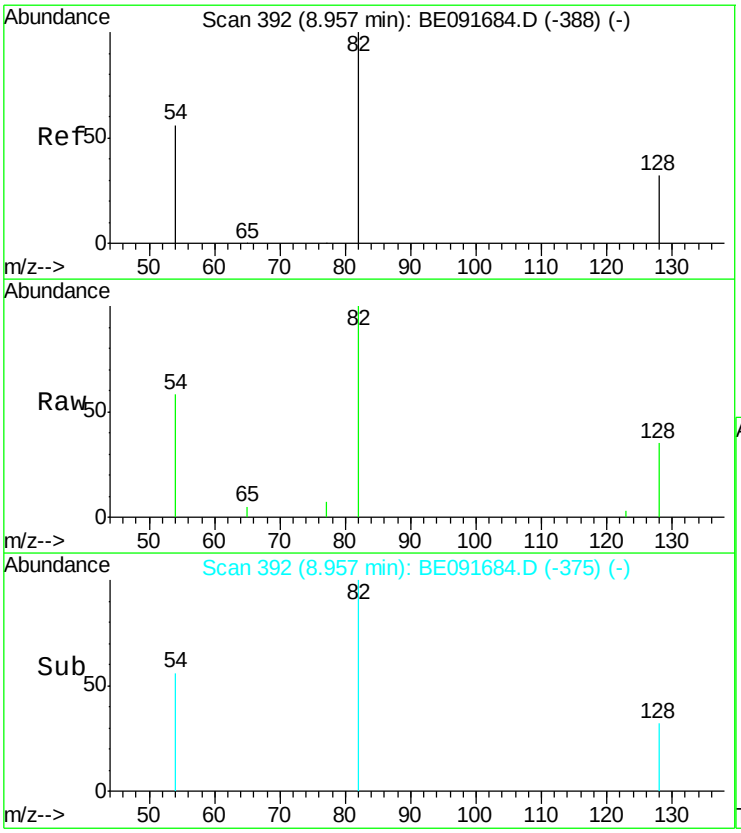
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 148691

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.6	8.2	12.4
68	7.1	6.2	9.4

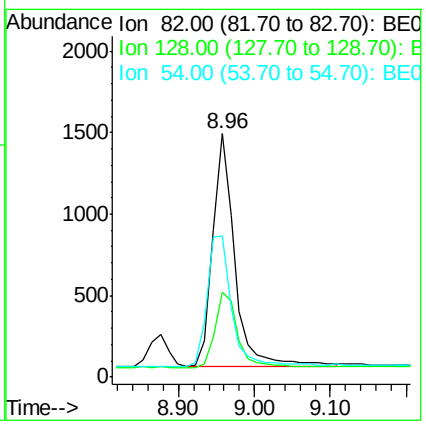


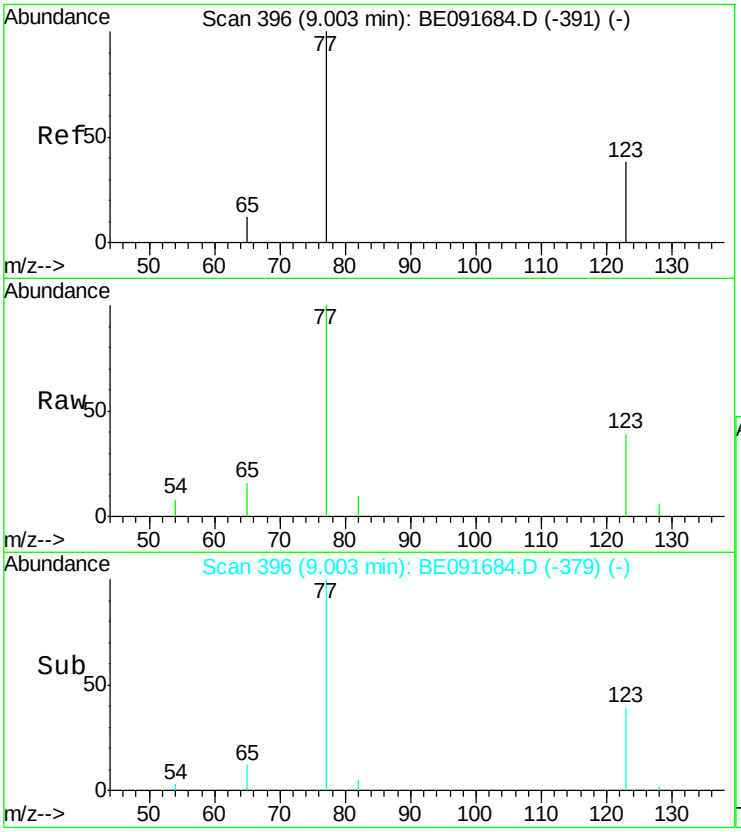


#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion: 82 Resp: 2850

Ion	Ratio	Lower	Upper
82	100		
128	34.9	25.4	38.0
54	58.2	48.4	72.6



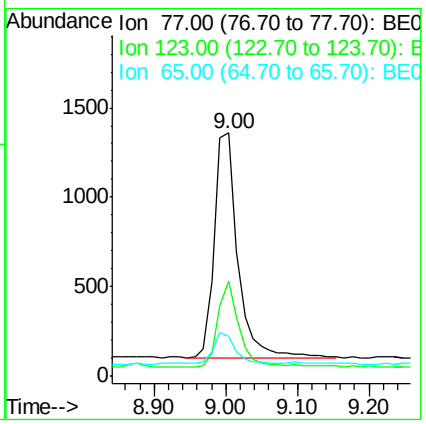


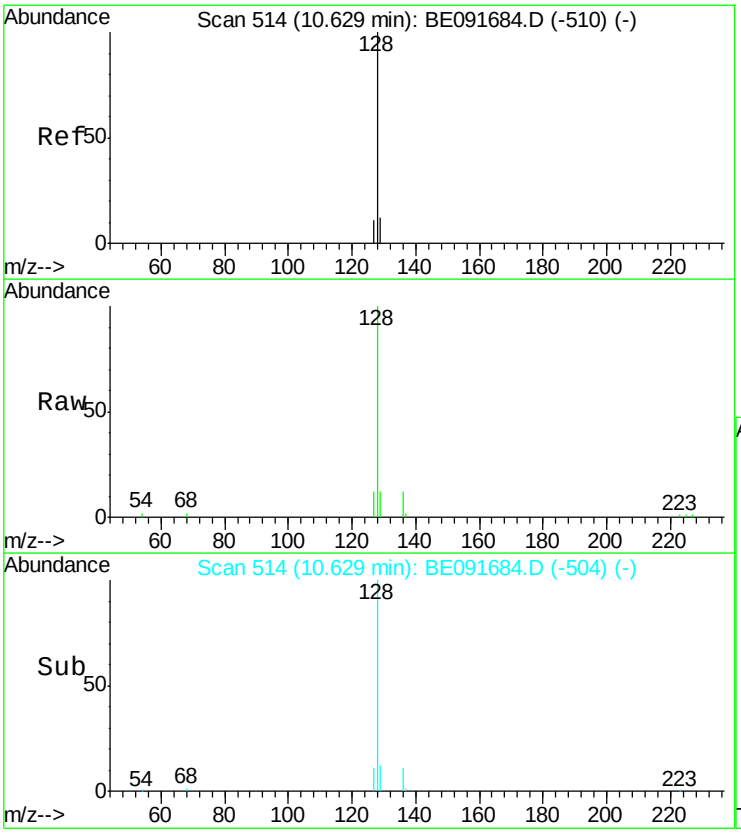
#9
Nitrobenzene
Concen: 0.37 ng
RT: 9.00 min Scan# 396
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 2868

Ion	Ratio	Lower	Upper
77	100		
123	35.7	26.9	40.3
65	13.2	9.4	14.2

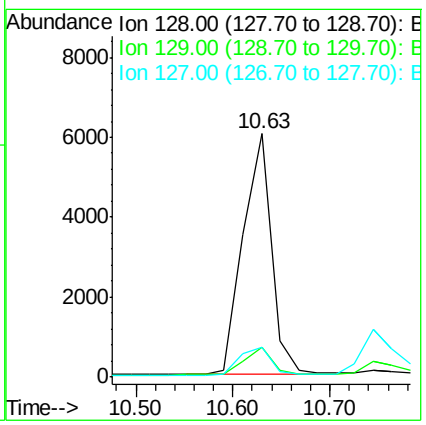


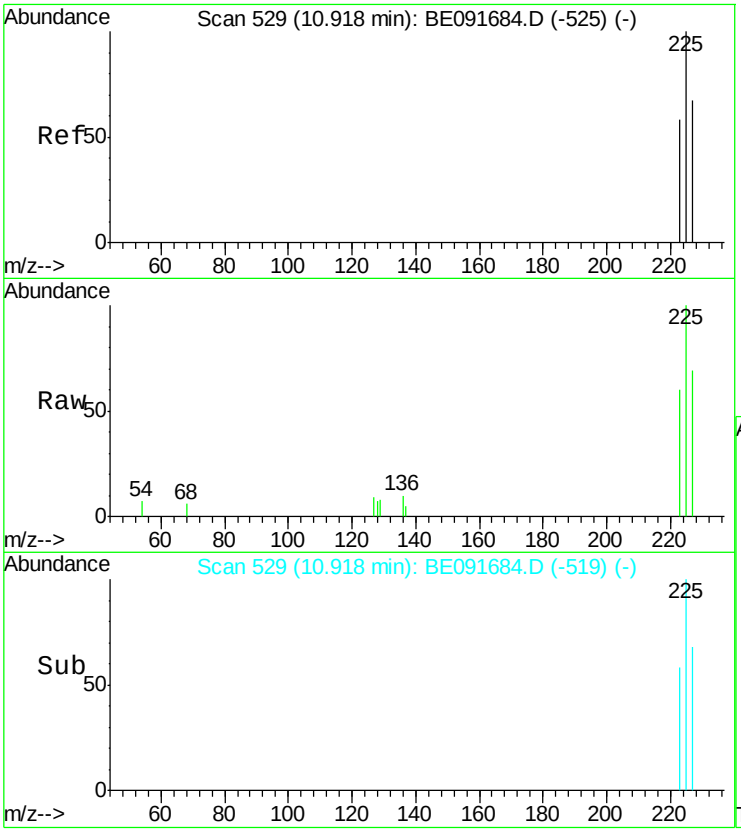


#10
Naphthalene
Concen: 0.41 ng
RT: 10.63 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:128 Resp: 12298

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.3	13.9
127	12.2	10.7	16.1



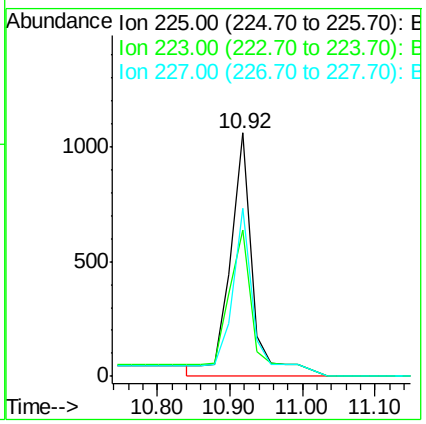


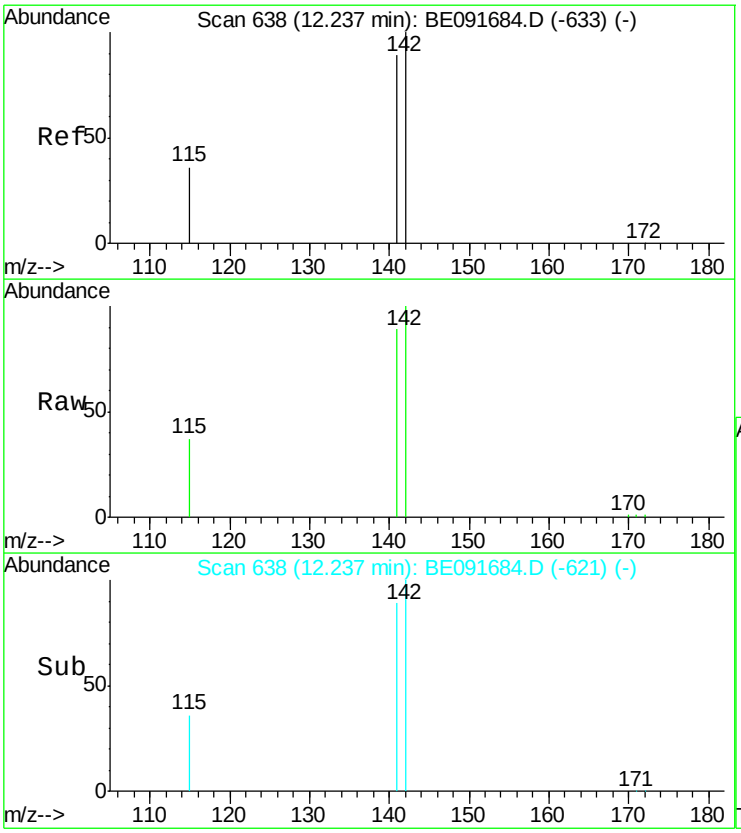
#11
Hexachlorobutadiene
Concen: 0.54 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 2385

Ion	Ratio	Lower	Upper
225	100		
223	70.7	49.0	73.6
227	69.0	50.3	75.5

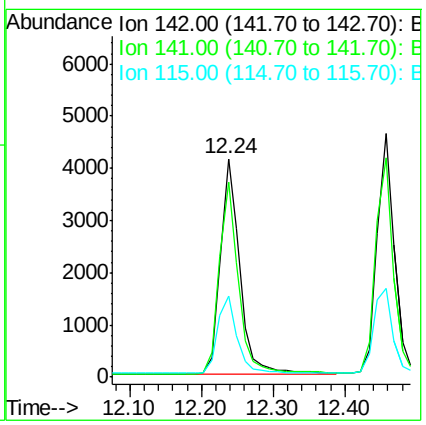


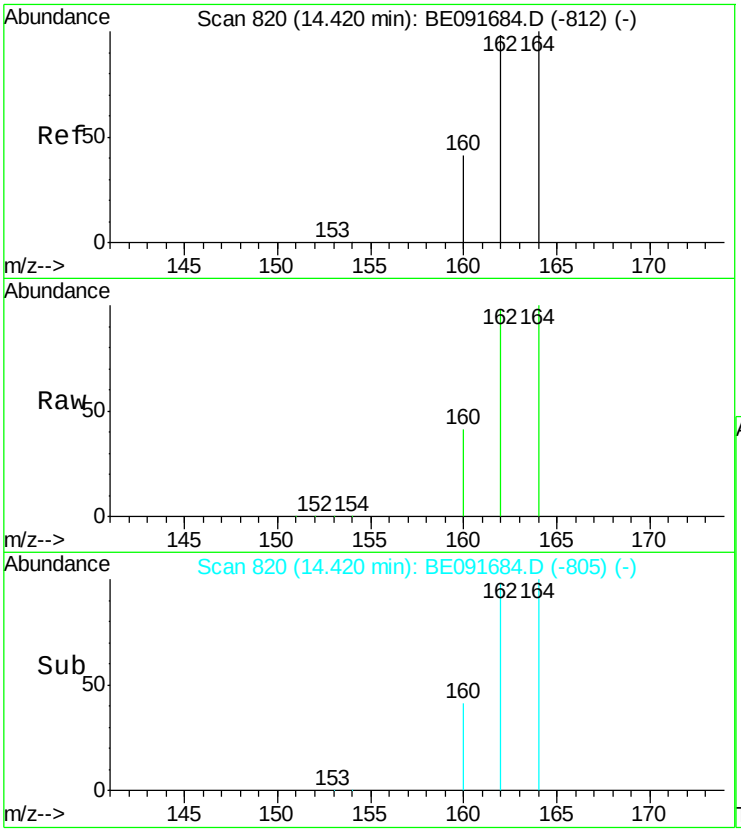


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:142 Resp: 7699

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0
115	36.9	30.3	45.5



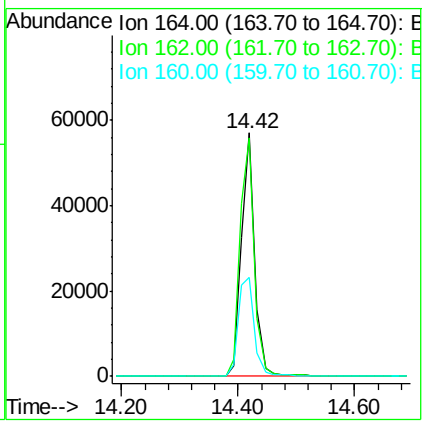


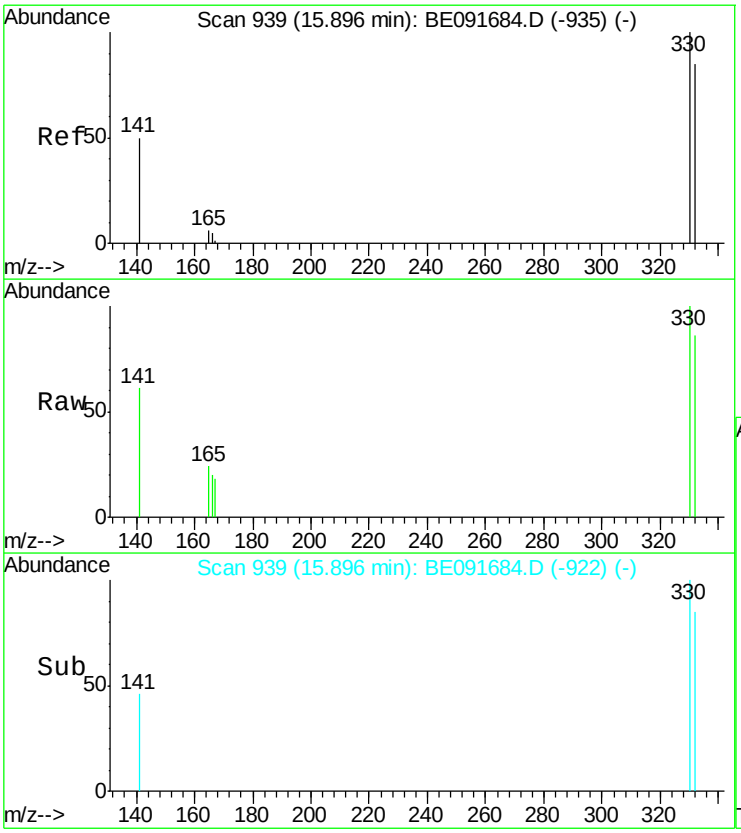
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 90401

Ion	Ratio	Lower	Upper
164	100		
162	98.0	85.3	127.9
160	40.9	46.2	69.2#

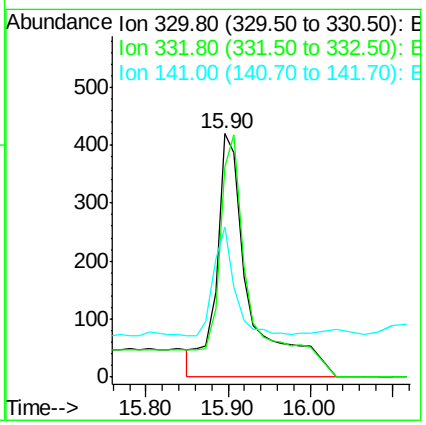


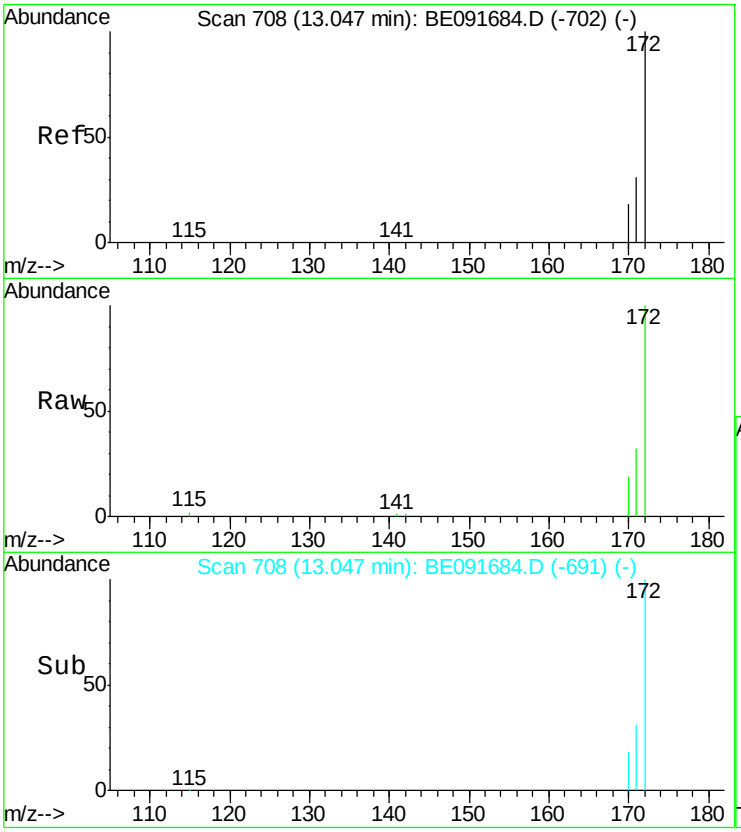


#14
2,4,6-Tribromophenol
Concen: 0.68 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:330 Resp: 1298

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	26.2	125.4	188.0#



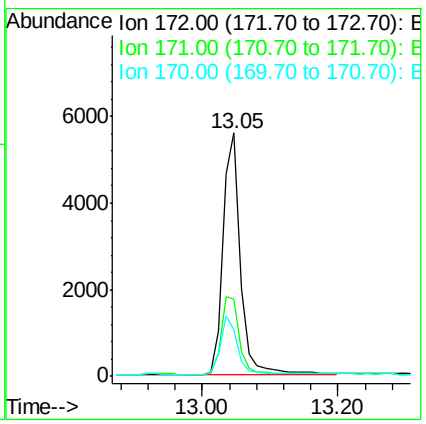


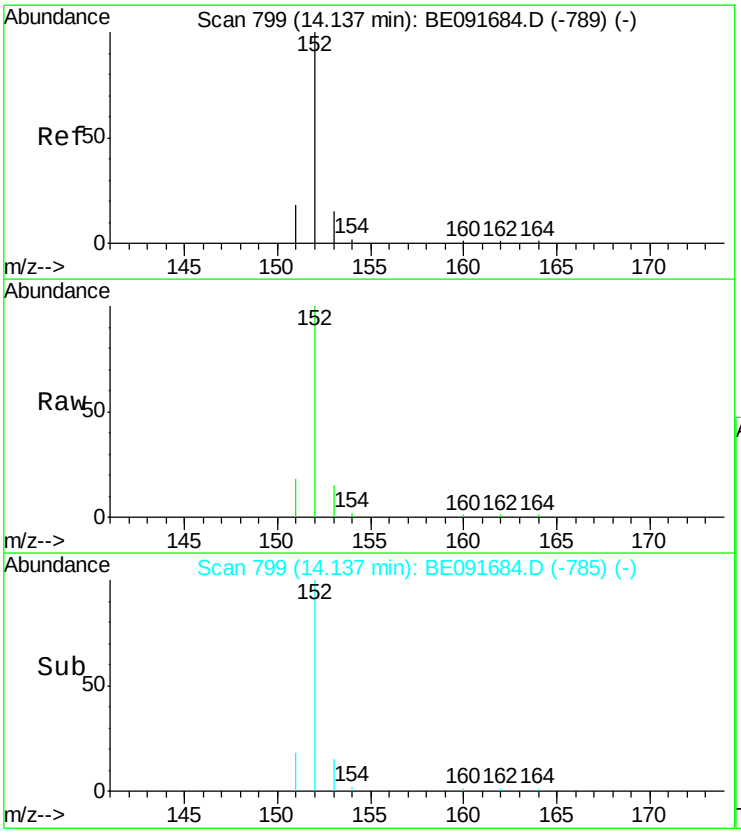
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 10031

Ion	Ratio	Lower	Upper
172	100		
171	31.5	28.8	43.2
170	19.1	19.3	28.9#

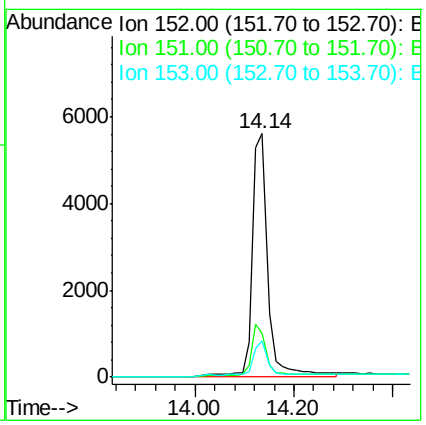


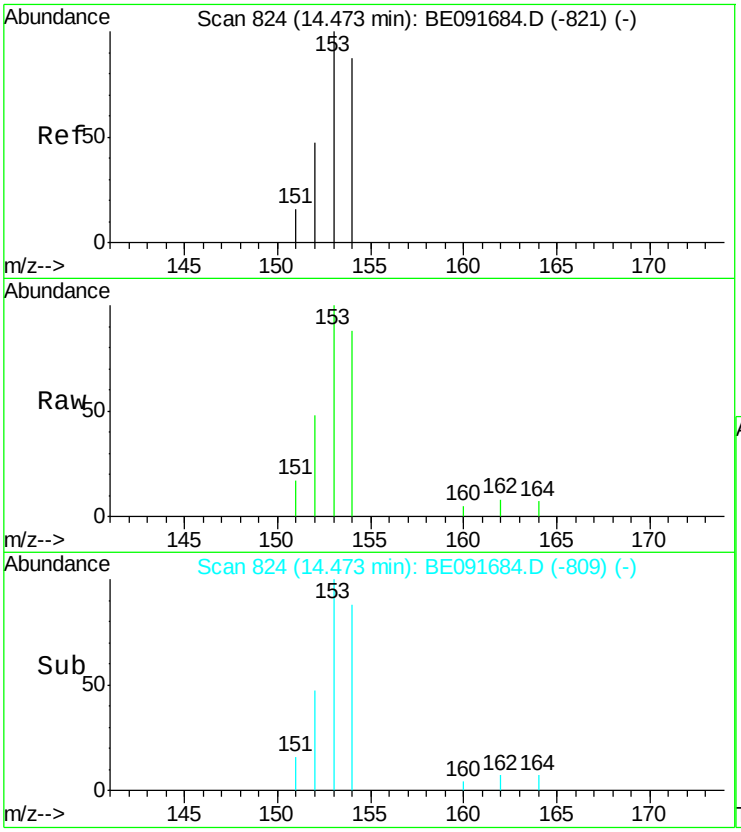


#16
Acenaphthylene
Concen: 0.40 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:152 Resp: 13162

Ion	Ratio	Lower	Upper
152	100		
151	18.4	3.9	5.9#
153	18.9	10.3	15.5#



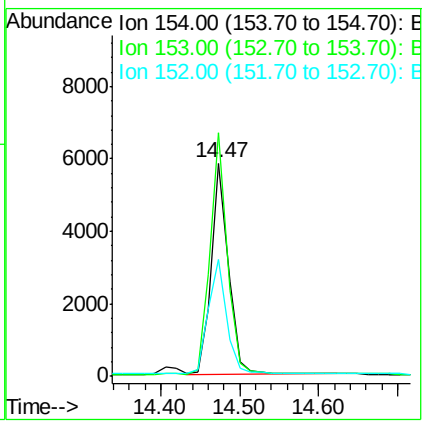


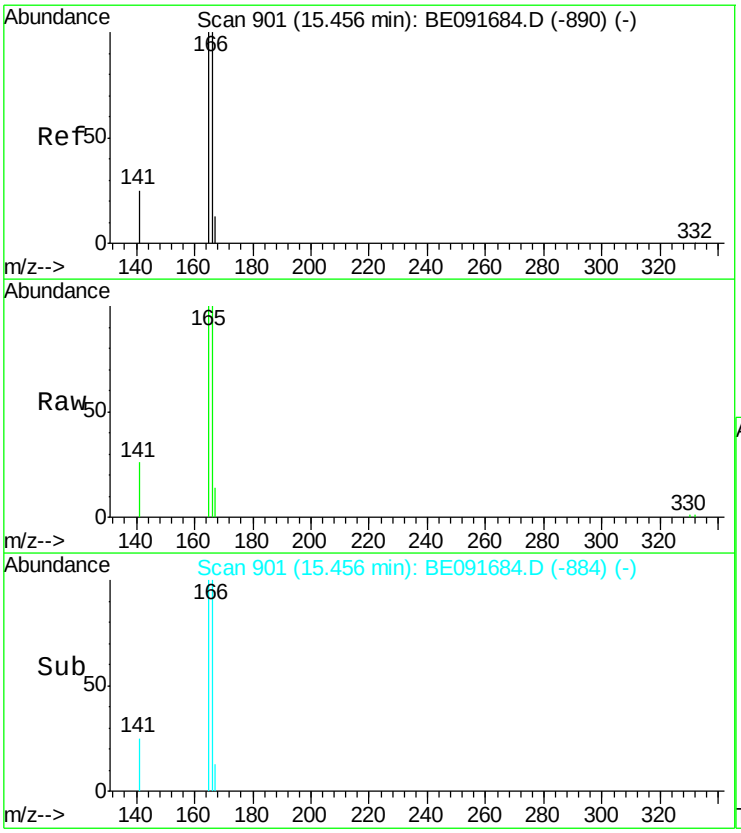
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 8734

Ion	Ratio	Lower	Upper
154	100		
153	115.7	80.0	120.0
152	57.6	40.0	60.0

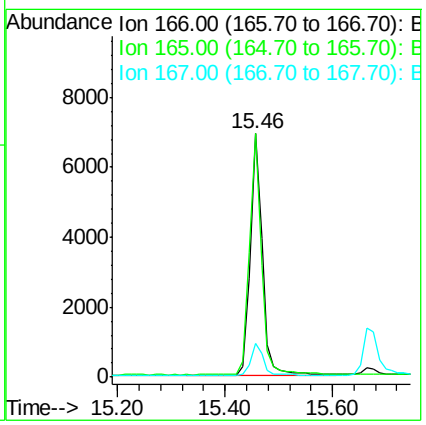


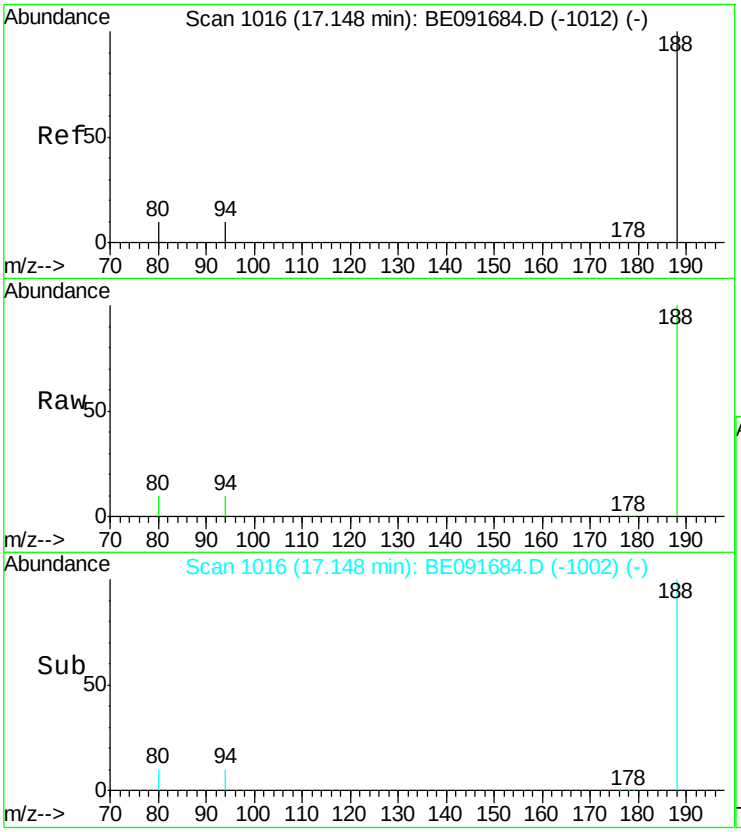


#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:166 Resp: 10857

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.8	121.2
167	13.5	10.9	16.3



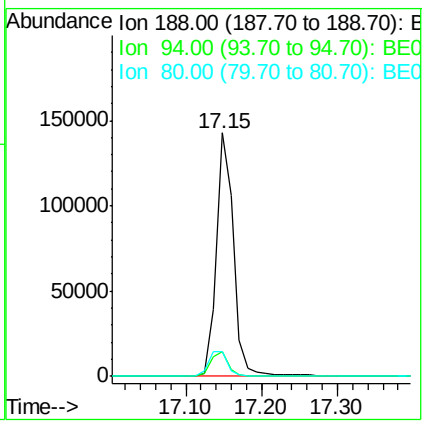


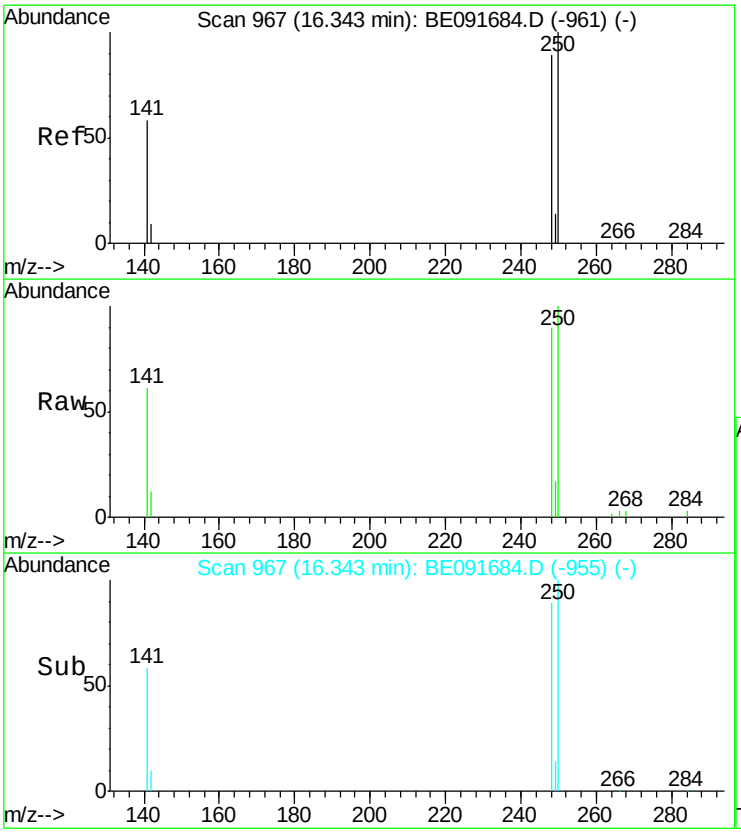
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 225292

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.7	13.1
80	10.0	9.4	14.0

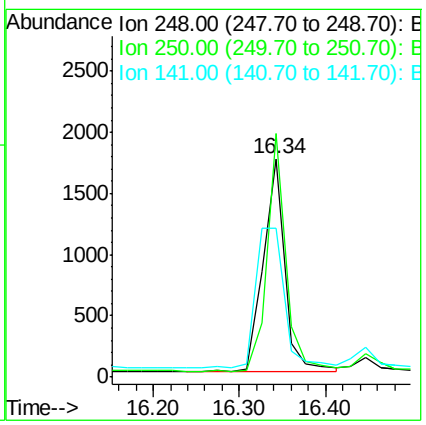


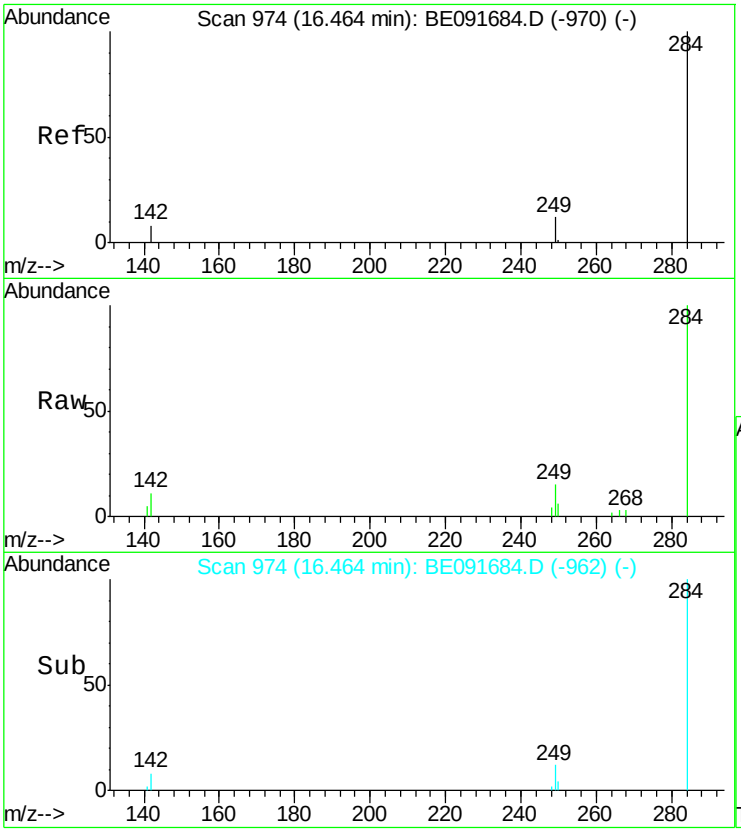


#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:248 Resp: 3049

Ion	Ratio	Lower	Upper
248	100		
250	96.8	80.5	120.7
141	87.7	72.0	108.0



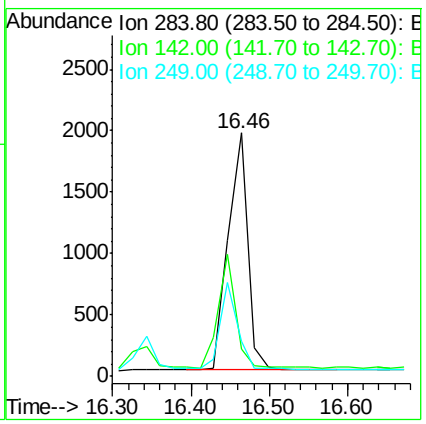


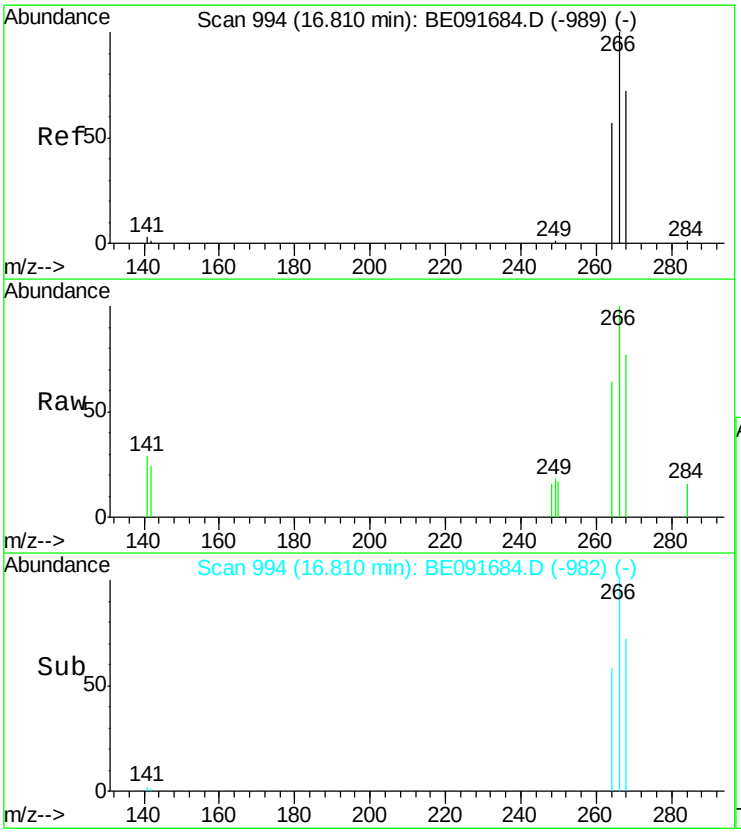
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 3366

Ion	Ratio	Lower	Upper
284	100		
142	42.2	32.2	48.2
249	32.7	25.4	38.2

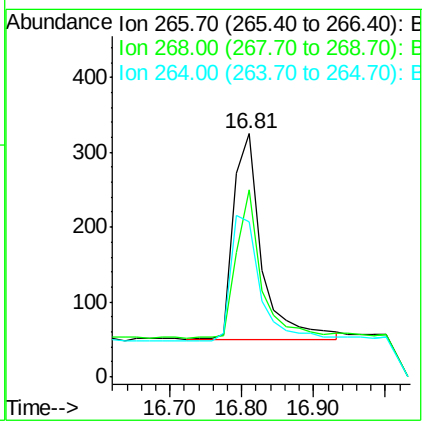


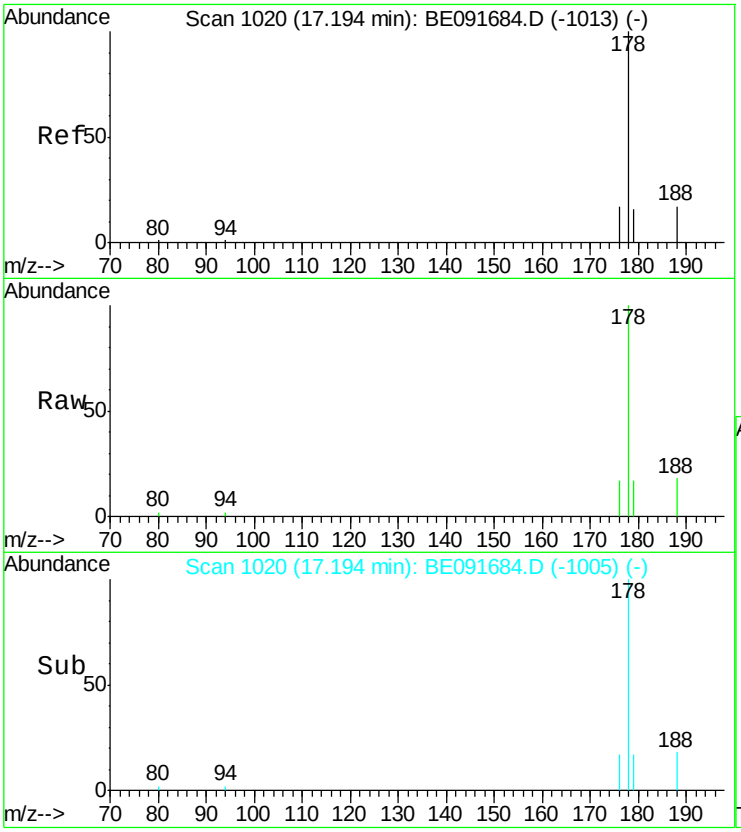


#22
Pentachlorophenol
Concen: 0.27 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:266 Resp: 742

Ion	Ratio	Lower	Upper
266	100		
268	76.9	58.2	87.2
264	63.7	56.2	84.4



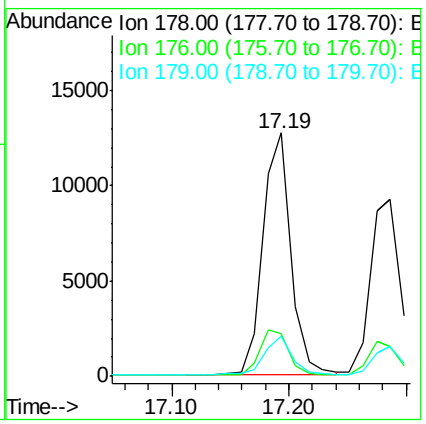


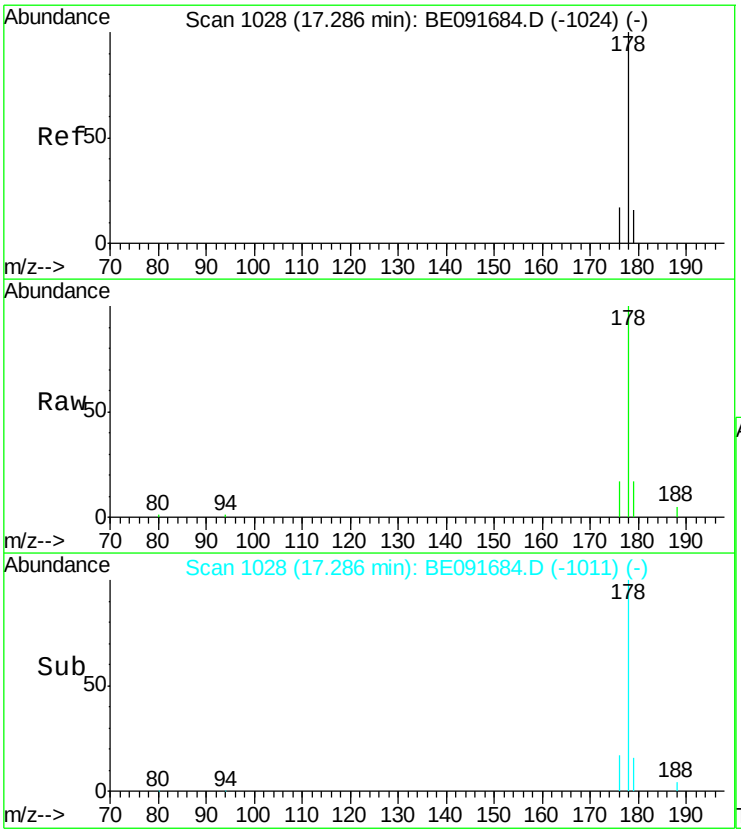
#23
Phenanthrene
Concen: 0.41 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 21076

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.1	12.6	18.8

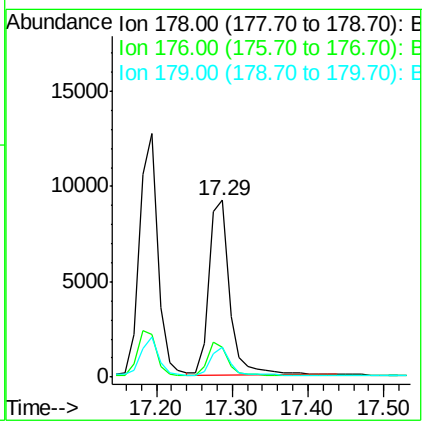


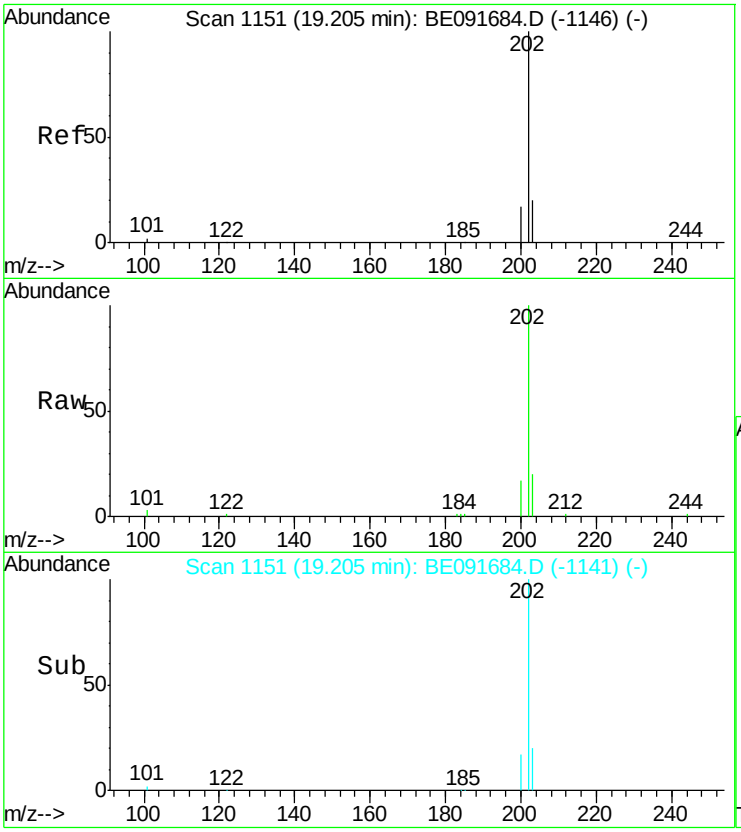


#24
Anthracene
Concen: 0.38 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:178 Resp: 17303

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.2	11.8	17.6



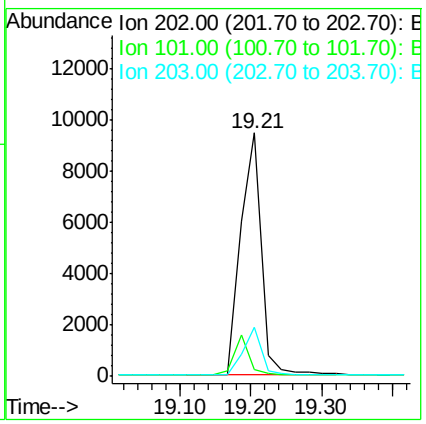


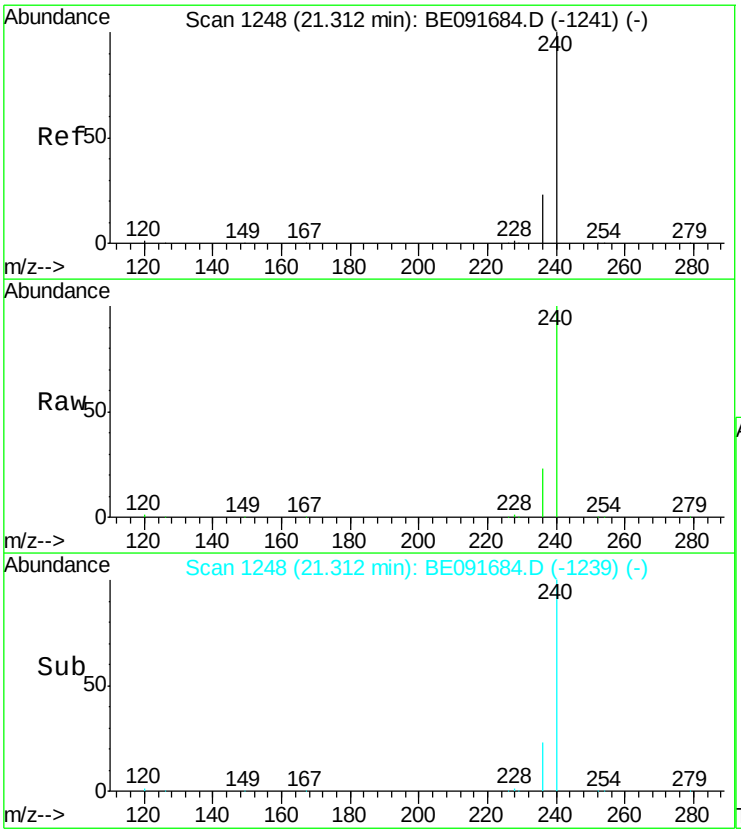
#25
Fluoranthene
Concen: 0.38 ng
RT: 19.21 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 19348

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.0	16.6
203	17.6	13.9	20.9

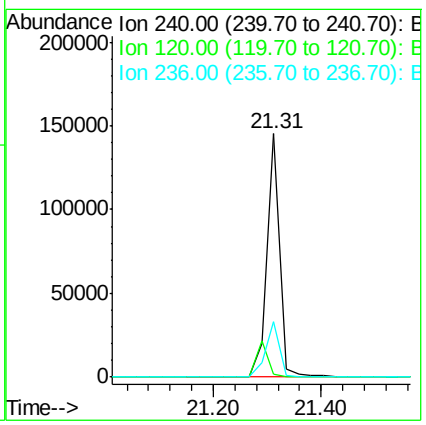


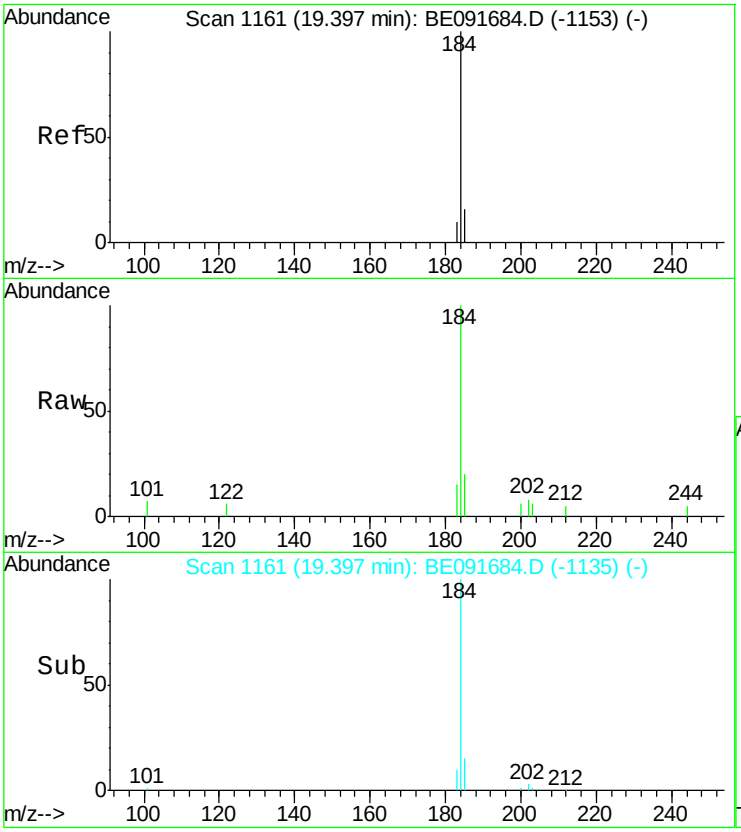


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:240 Resp: 240652

Ion	Ratio	Lower	Upper
240	100		
120	1.2	11.0	16.4#
236	22.7	21.7	32.5



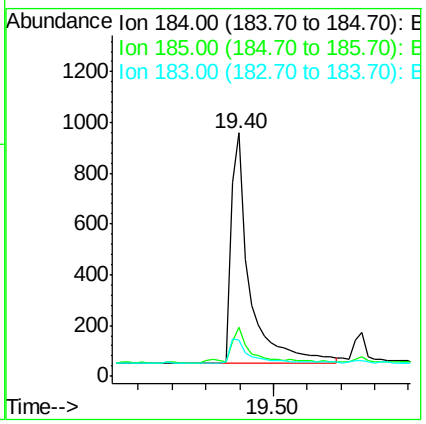


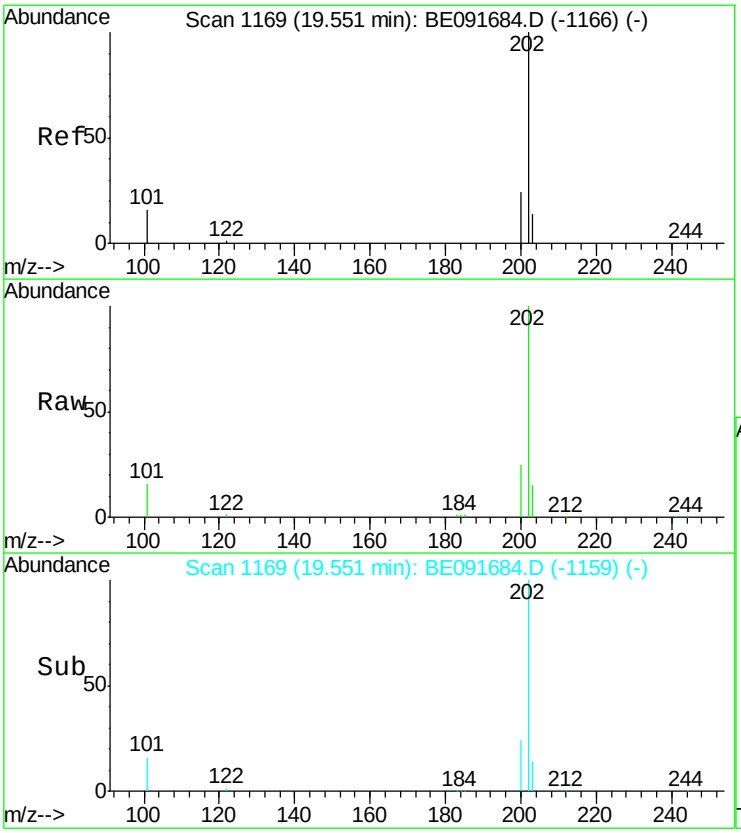
#27
Benzidine
Concen: 0.20 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 3430

Ion	Ratio	Lower	Upper
184	100		
185	20.2	22.3	33.5#
183	14.7	16.4	24.6#

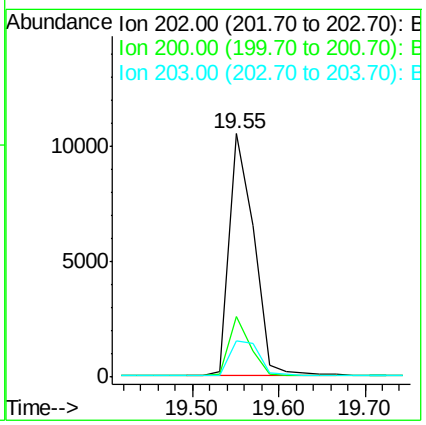


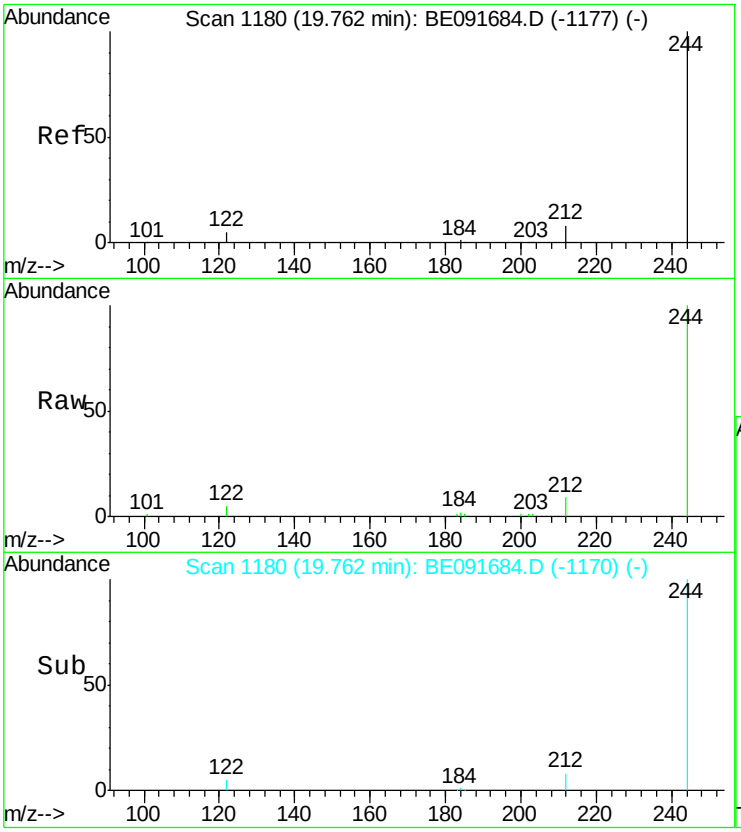


#28
Pyrene
Concen: 0.43 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:202 Resp: 20848

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.3	14.0	21.0



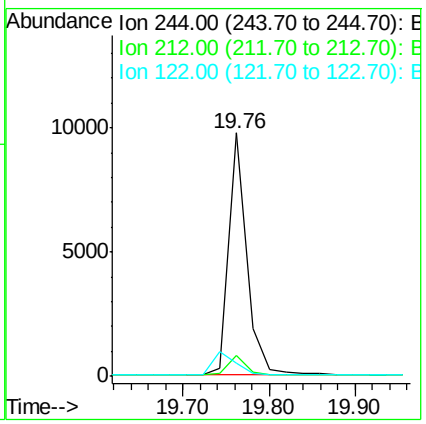


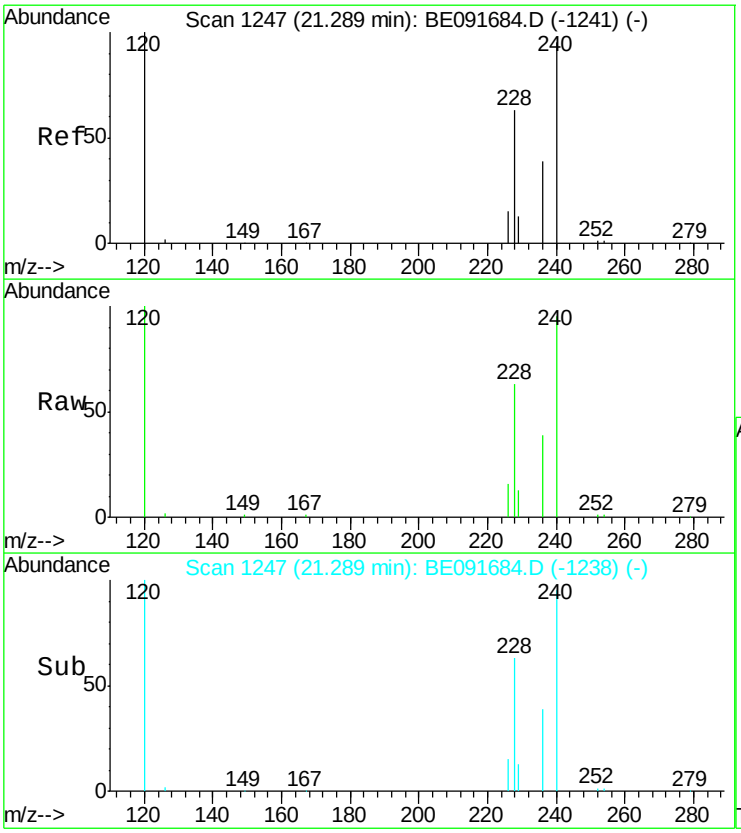
#29
Terphenyl-d14
Concen: 0.44 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 14323

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	5.2	11.0	16.4#

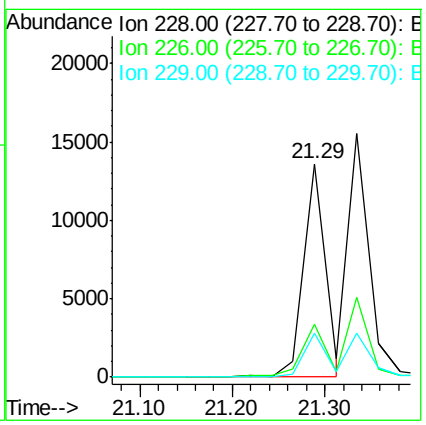


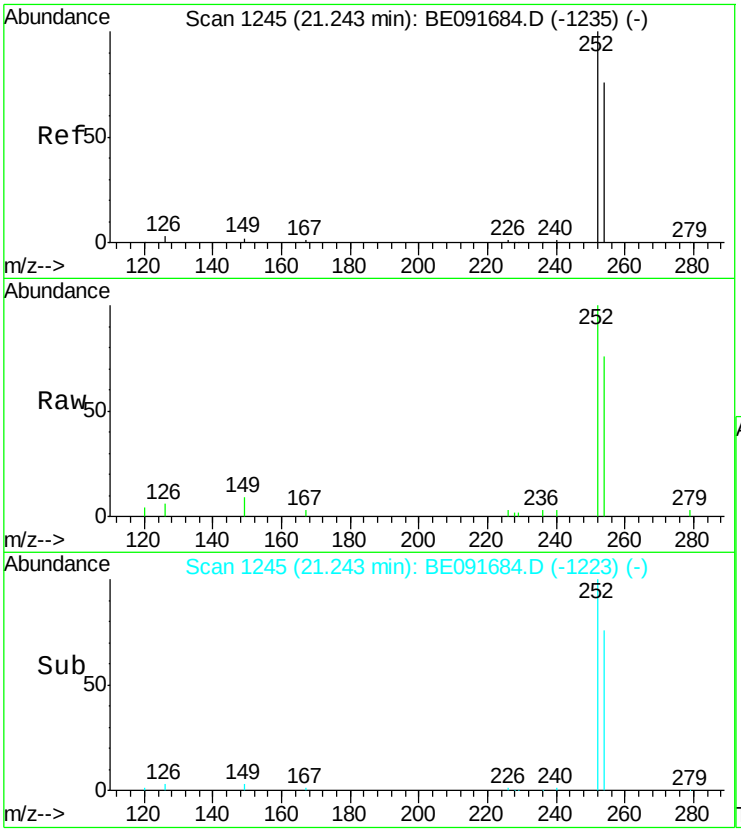


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:228 Resp: 21604

Ion	Ratio	Lower	Upper
228	100		
226	24.6	21.0	31.4
229	20.9	15.7	23.5



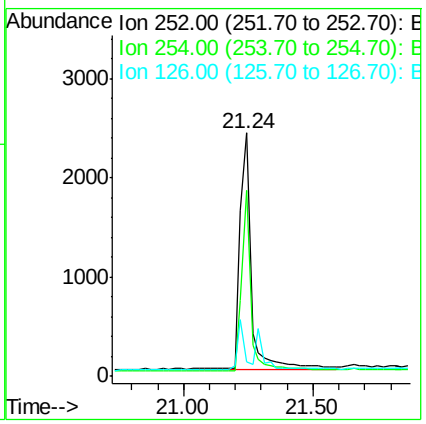


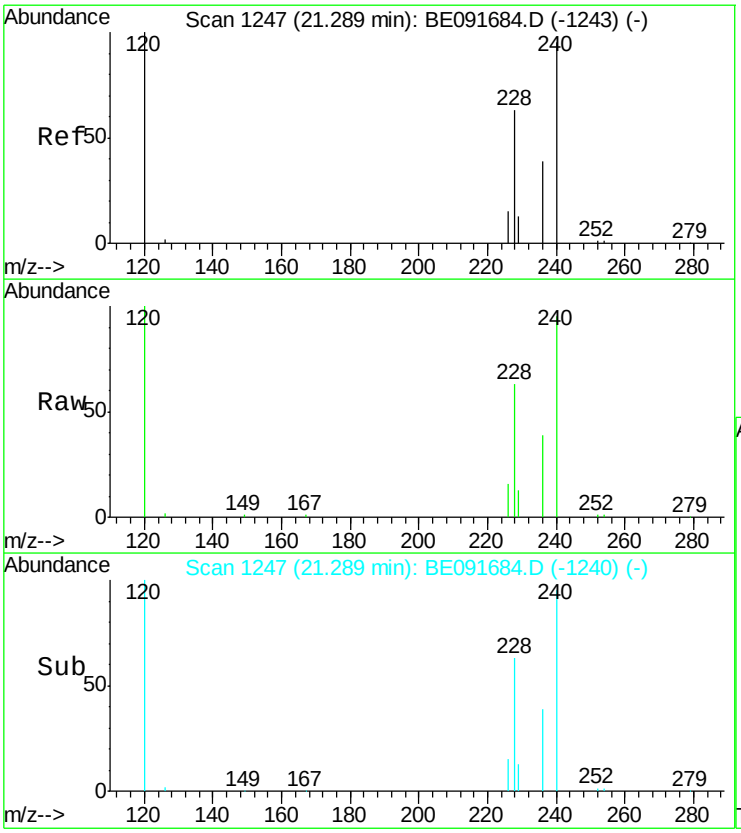
#31
3,3'-Dichlorobenzidine
Concen: 0.33 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7128

Ion	Ratio	Lower	Upper
252	100		
254	76.4	51.1	76.7
126	5.8	12.6	18.8#

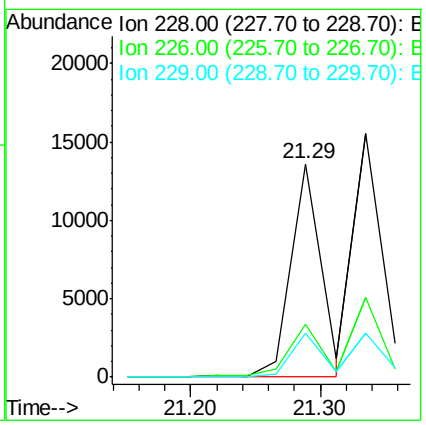


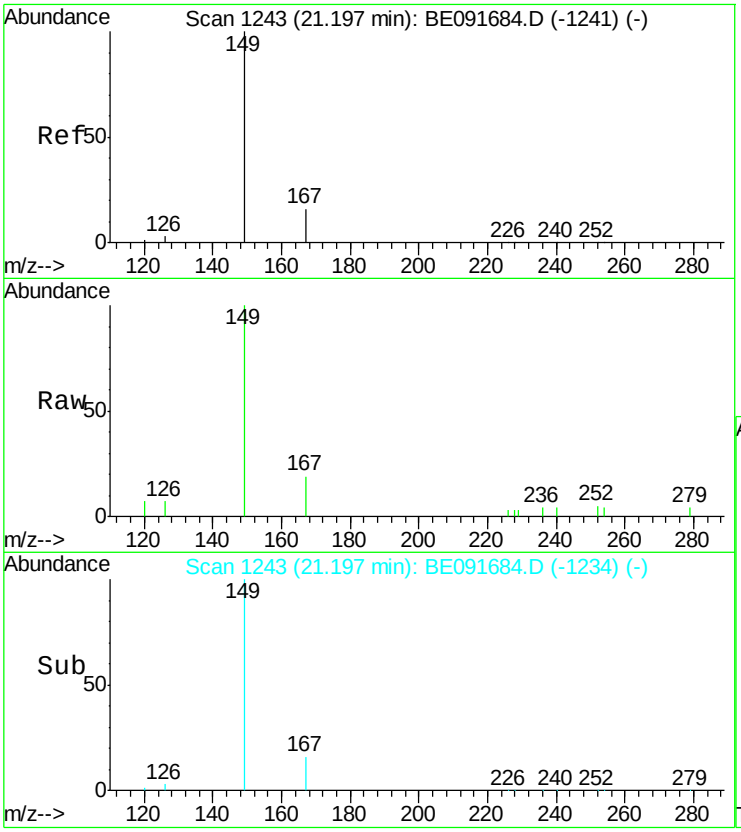


#32
Chrysene
Concen: 0.38 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:228 Resp: 21573

Ion	Ratio	Lower	Upper
228	100		
226	24.6	24.0	36.0
229	20.9	15.9	23.9



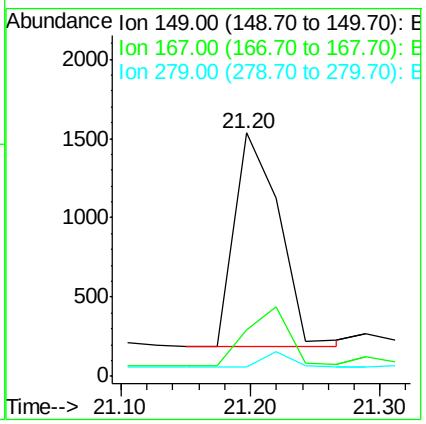


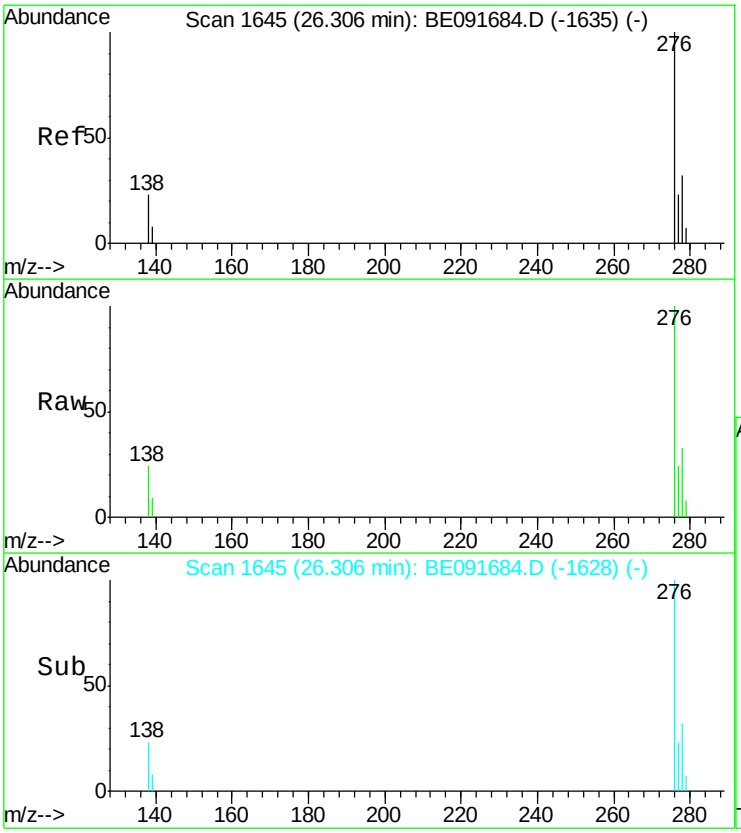
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.32 ng
RT: 21.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3272

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

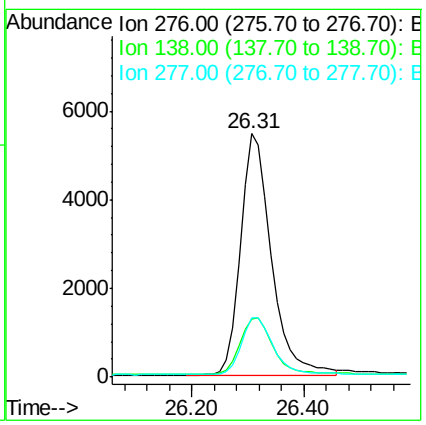


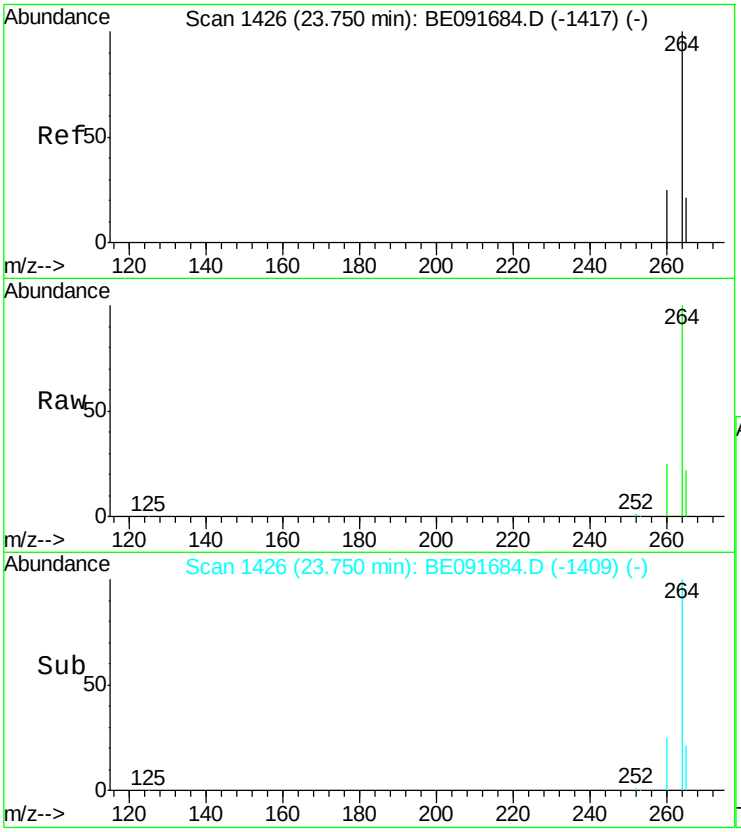


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.31 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:276 Resp: 20876

Ion	Ratio	Lower	Upper
276	100		
138	25.5	23.4	35.2
277	24.7	19.8	29.8



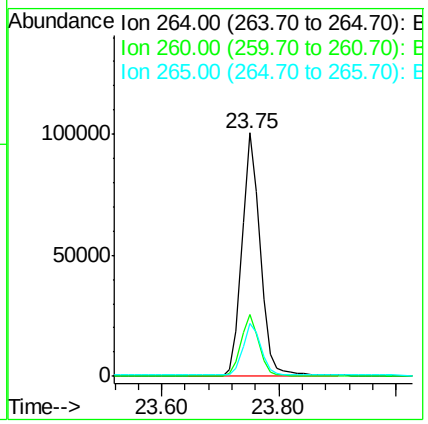


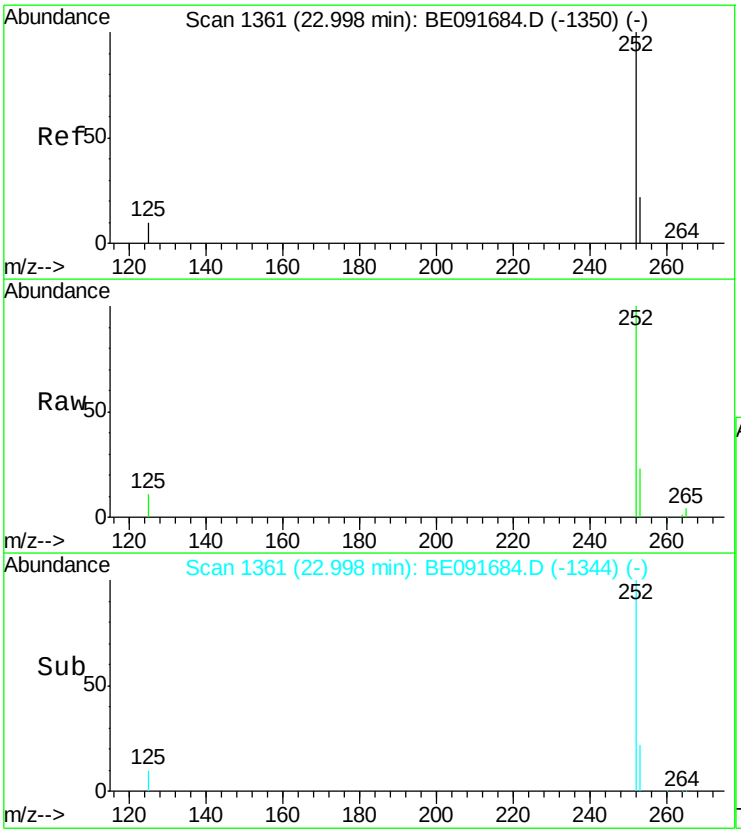
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 218709

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.0	30.0
265	21.6	17.5	26.3

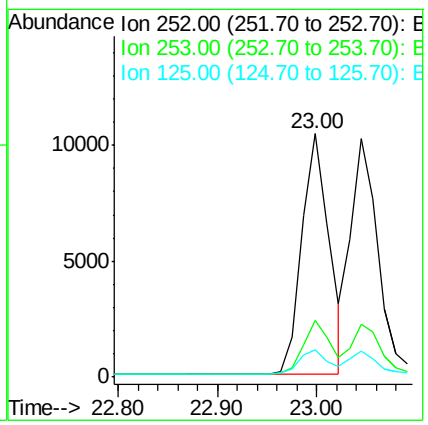


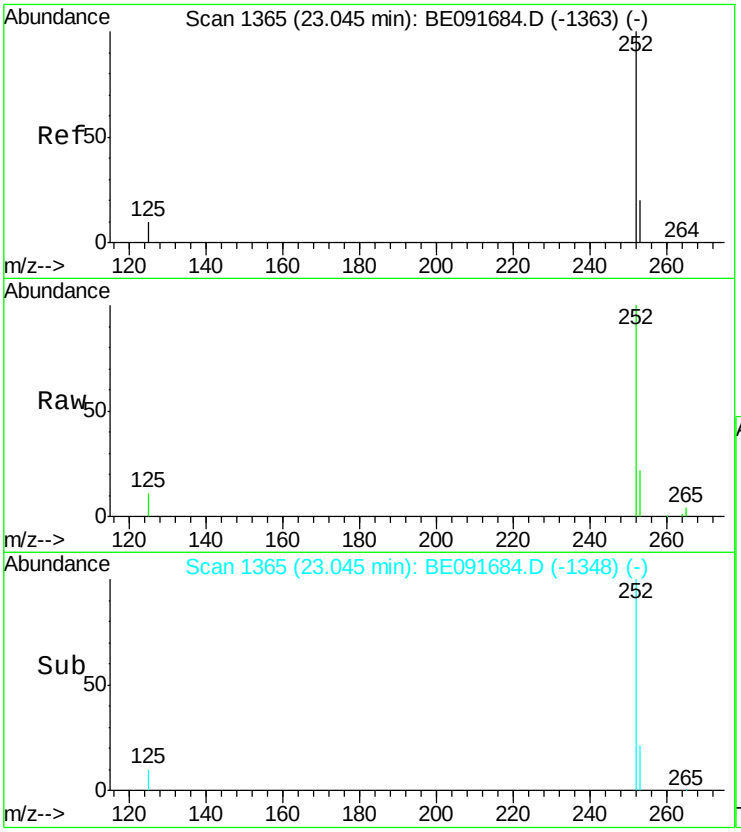


#36
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:252 Resp: 19896

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.3	10.2	15.2



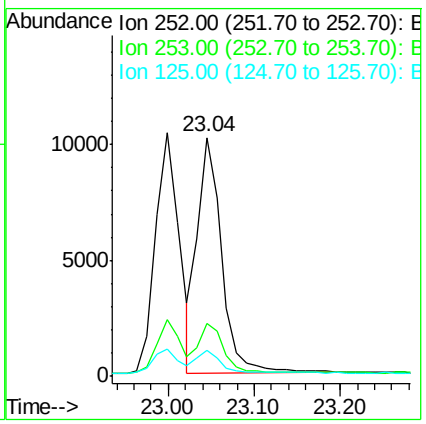


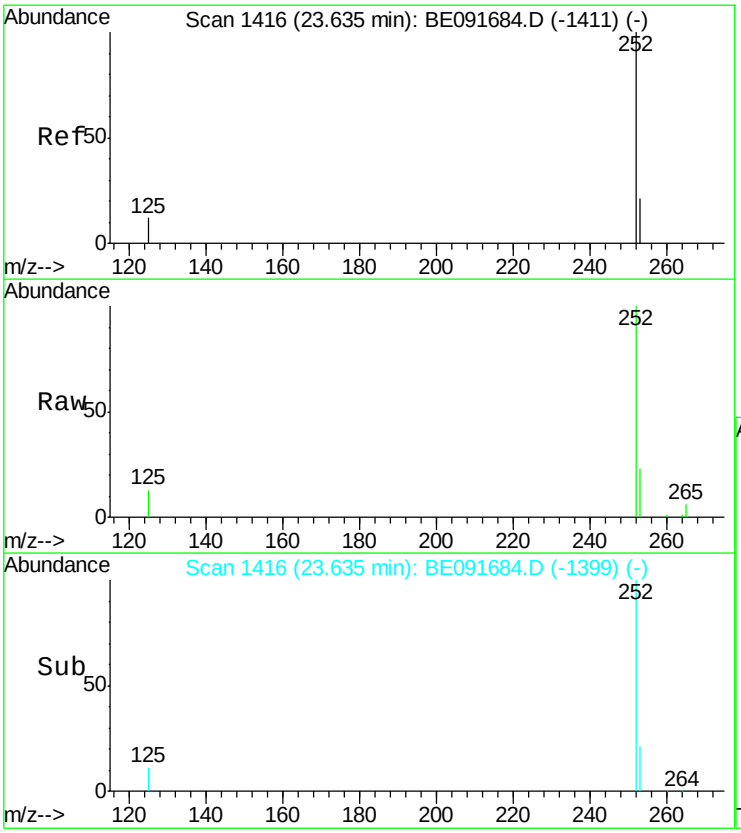
#37
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.04 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19659

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.1	9.9	14.9

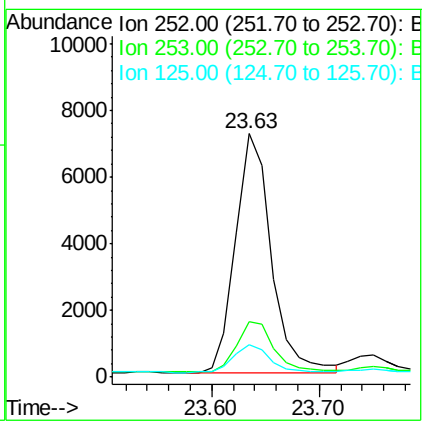


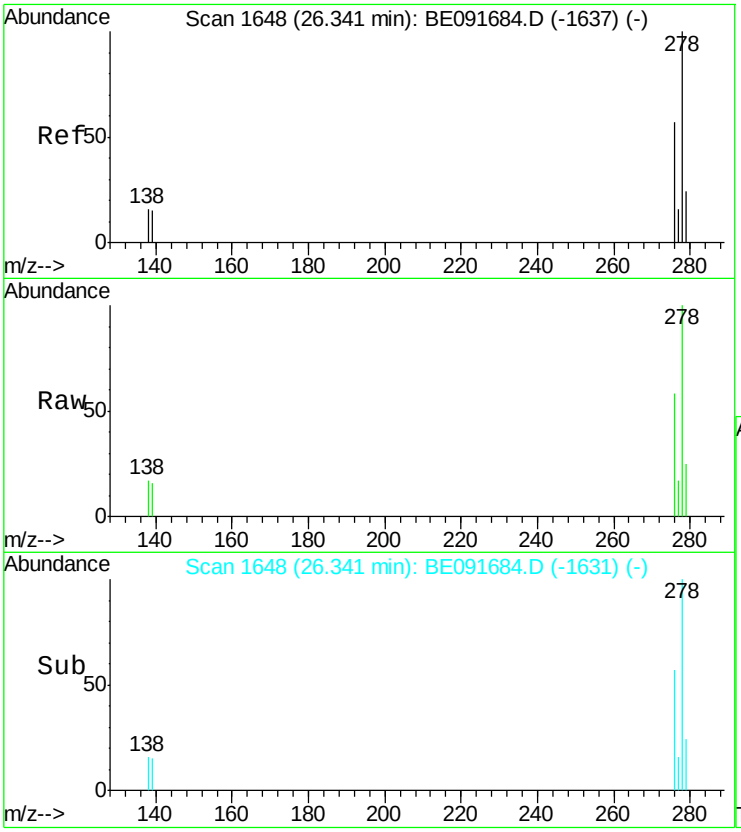


#38
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:252 Resp: 16655

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.4	11.0	16.4



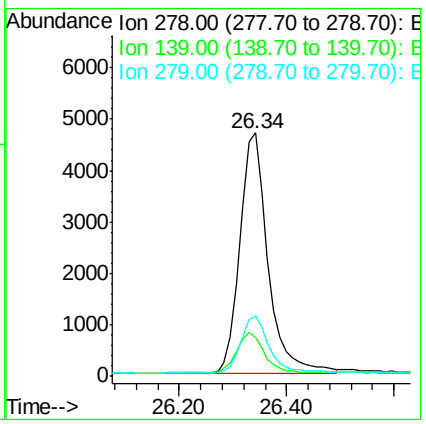


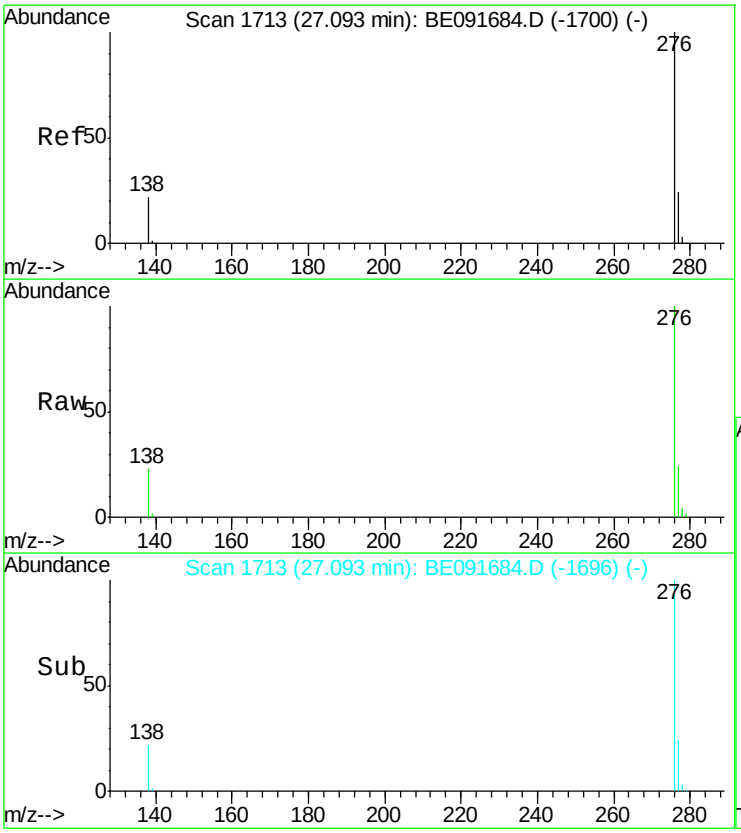
#39
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 26.34 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 17094

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	25.0	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 27.09 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE091684.D
Acq: 20 Apr 2016 14:28

Tgt Ion:276 Resp: 18017

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	23.5	20.4	30.6