Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091685.D
Acq On : 20 Apr 2016 15:04
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 20 15:43:01 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	32317	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	150885	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	88418	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	219237	5.00	ng		0.00
26) Chrysene-d12	21.31	240	241683	5.00	ng		0.00
35) Perylene-d12	23.75	264	221897	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	5574	0.79	ng		0.00
5) Phenol-d6	6.97	99	7298	0.77	ng		0.00
8) Nitrobenzene-d5	8.96	82	6359	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	2319	1.24	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	21090	0.86	ng		0.00
29) Terphenyl-d14	19.76	244	31578	0.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	3244	0.78	ng	#	95
3) n-Nitrosodimethylamine	3.64	42	4028	0.87	ng		83
6) bis(2-Chloroethyl)ether	7.23	93	7126	0.82	ng	#	76
9) Nitrobenzene	8.99	77	6562	0.84	ng		97
10) Naphthalene	10.63	128	26140	0.85	ng		98
11) Hexachlorobutadiene	10.92	225	4516	1.01	ng		93
12) 2-Methylnaphthalene	12.24	142	16269	0.83	ng		98
16) Acenaphthylene	14.14	152	27341	0.84	ng	#	83
17) Acenaphthene	14.47	154	18516	0.85	ng		90
18) Fluorene	15.46	166	22291	0.84	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	6135	0.81	ng		99
21) Hexachlorobenzene	16.46	284	6720	0.83	ng		96
22) Pentachlorophenol	16.79	266	1899	0.71	ng	#	90
23) Phenanthrene	17.19	178	41622	0.84	ng		99
24) Anthracene	17.28	178	36113	0.82	ng		99
25) Fluoranthene	19.20	202	40116	0.81	ng		98
27) Benzidine	19.38	184	8359	0.48	ng	#	78
28) Pyrene	19.55	202	44276	0.92	ng		99
30) Benzo(a)anthracene	21.29	228	46434	0.83	ng		97
31) 3,3'-Dichlorobenzidine	21.22	252	17033	0.78	ng	#	78
32) Chrysene	21.29	228	46410	0.82	ng		94
33) Bis(2-ethylhexyl)phthalate	21.20	149	8125	0.79	ng	#	57
34) Indeno(1,2,3-cd)pyrene	26.31	276	46978	0.91	ng		96
36) Benzo(b)fluoranthene	23.00	252	42302	0.87	ng		97
37) Benzo(k)fluoranthene	23.05	252	41820	0.81	ng		98
38) Benzo(a)pyrene	23.63	252	36830	0.81	ng		98
39) Dibenzo(a,h)anthracene	26.33	278	38739	0.87	ng		96
40) Benzo(g,h,i)perylene	27.09	276	39084	0.85	ng		96

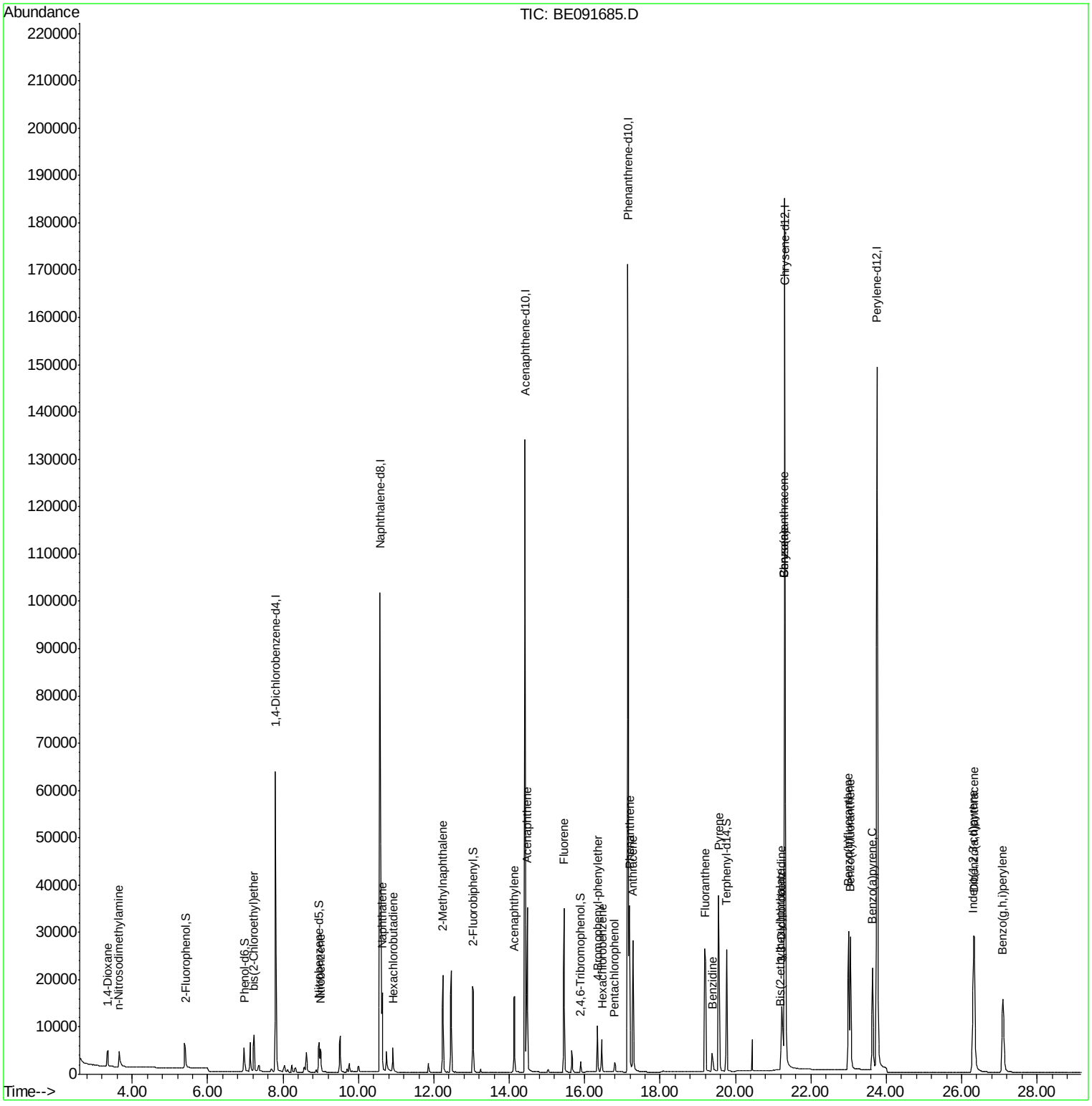
(#) = qualifier out of range (m) = manual integration (+) = signals summed

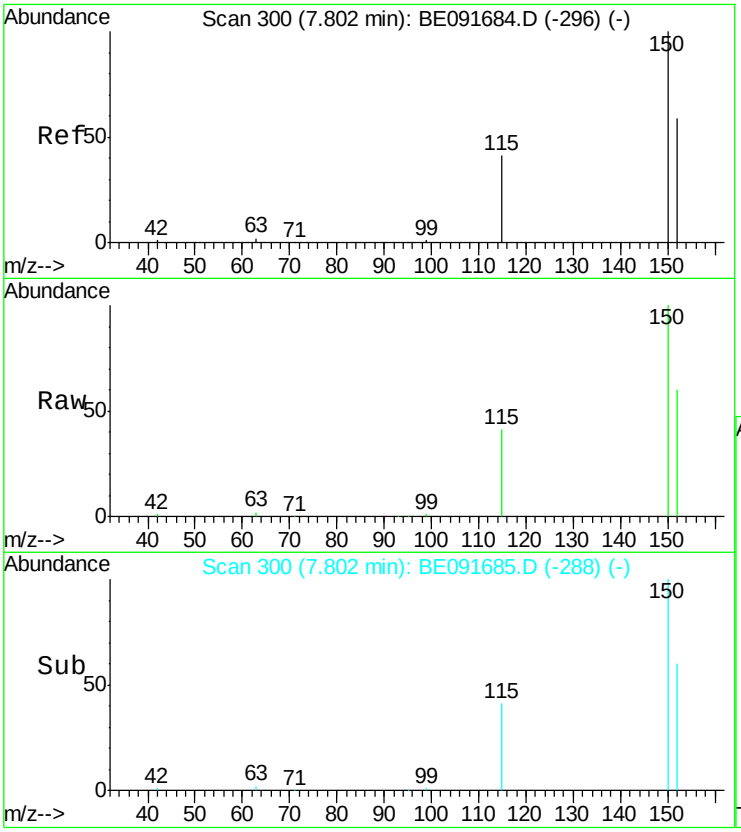
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091685.D
Acq On : 20 Apr 2016 15:04
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Apr 20 15:43:01 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



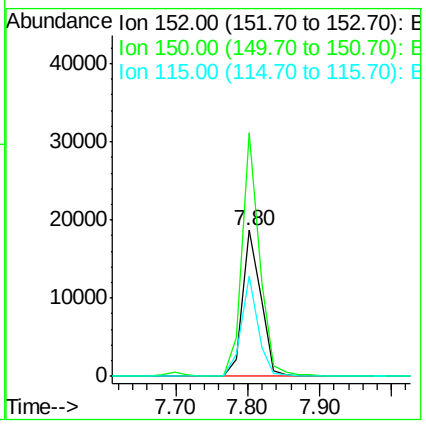


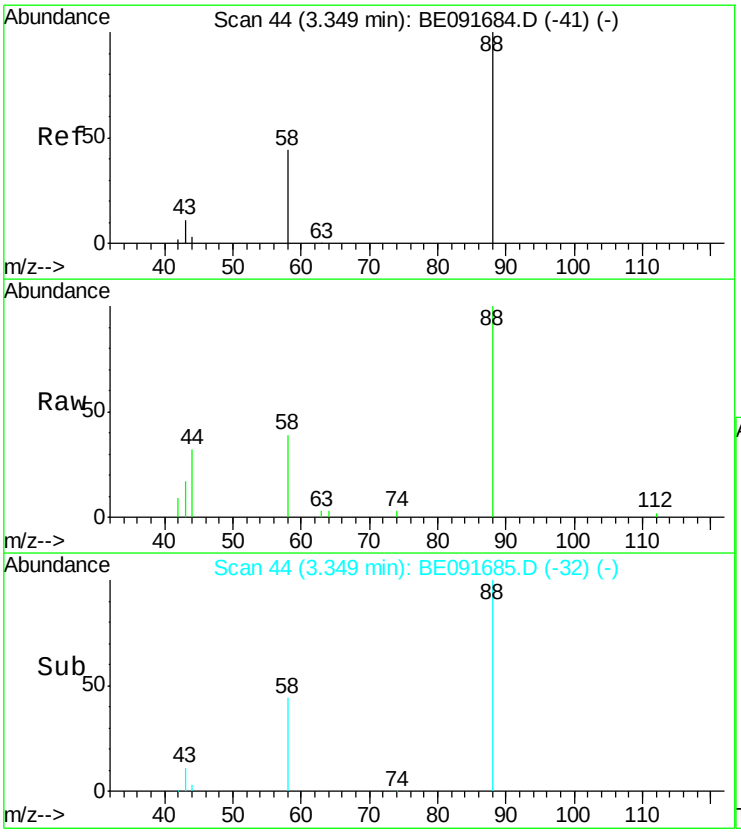
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 32317

Ion	Ratio	Lower	Upper
152	100		
150	167.0	122.6	183.8
115	68.5	52.8	79.2

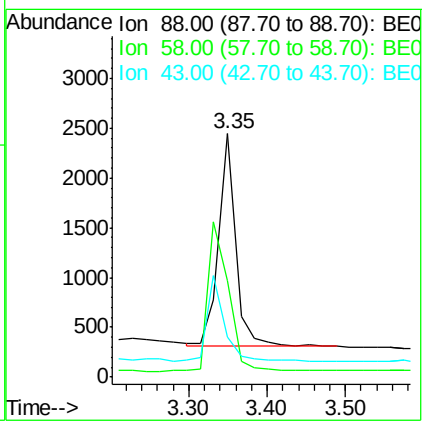


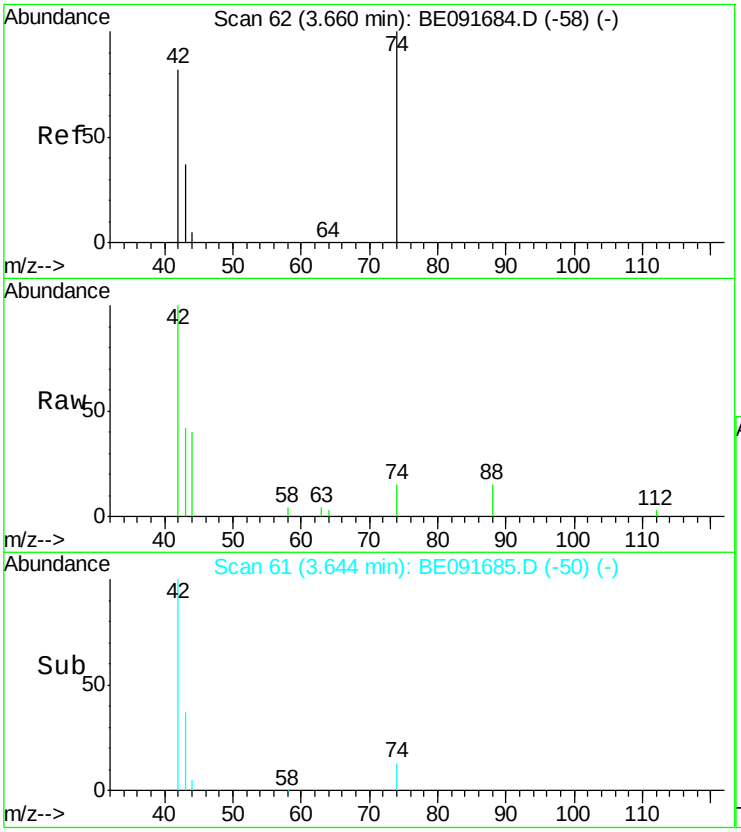


#2
1,4-Dioxane
Concen: 0.78 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion: 88 Resp: 3244

Ion	Ratio	Lower	Upper
88	100		
58	83.1	65.8	98.6
43	40.2	25.3	37.9#



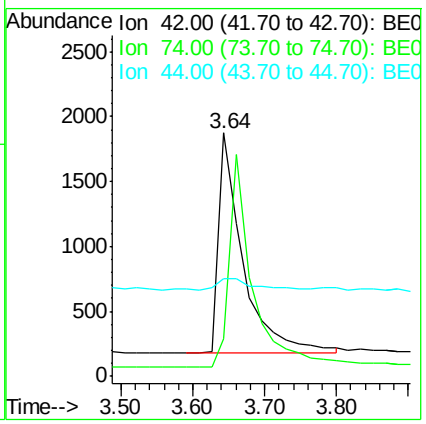


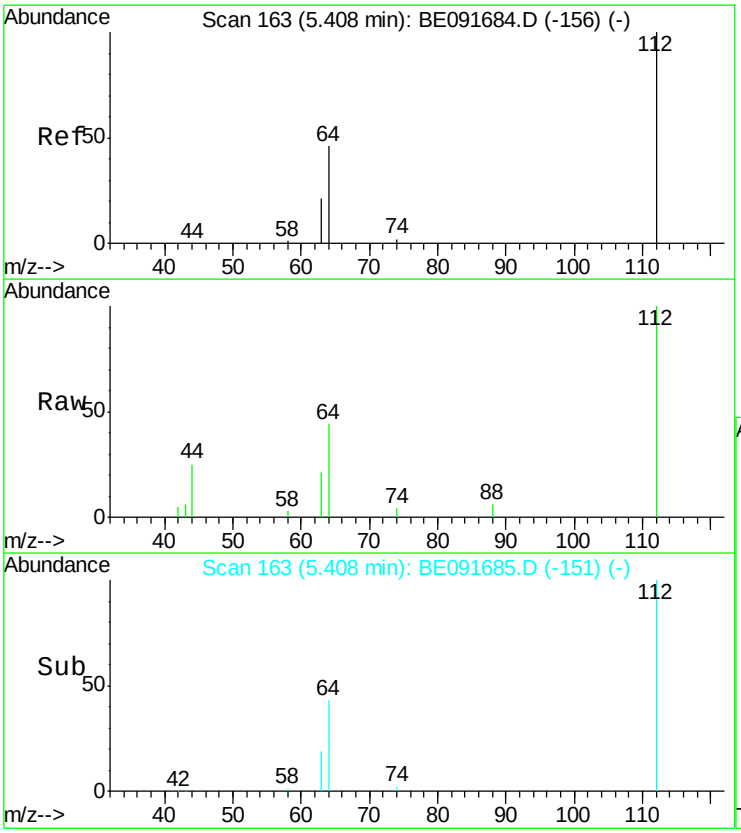
#3
n-Nitrosodimethylamine
Concen: 0.87 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 4028

Ion	Ratio	Lower	Upper
42	100		
74	91.0	87.9	131.9
44	9.4	6.6	9.8

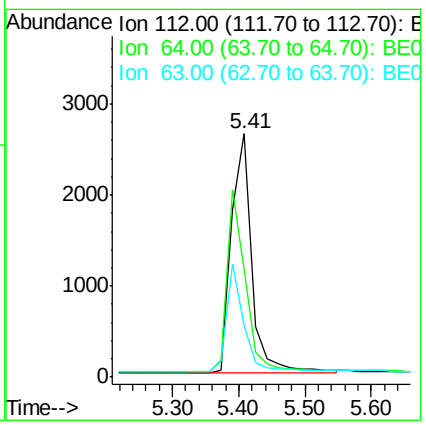


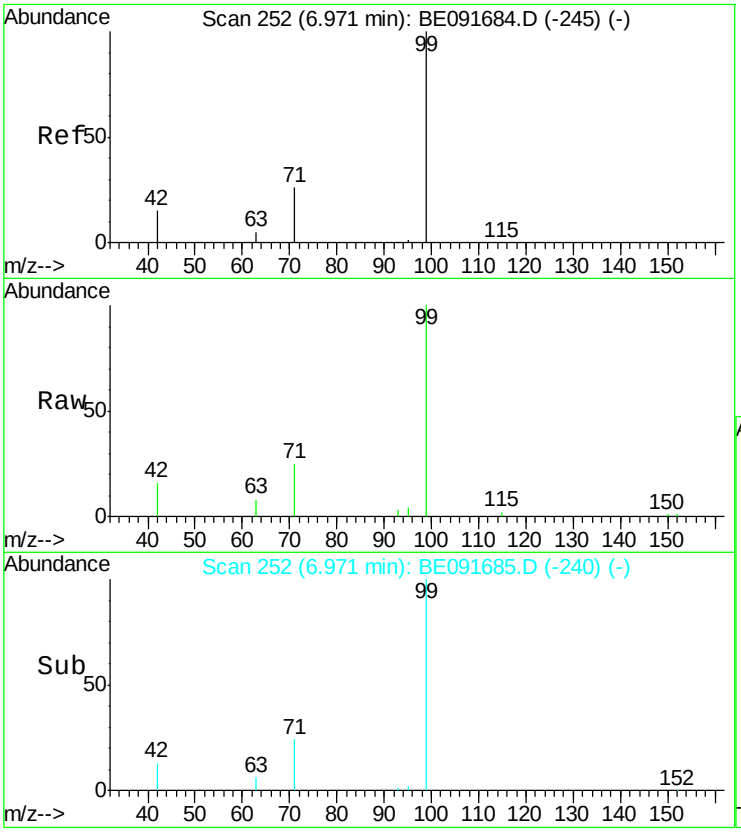


#4
2-Fluorophenol
Concen: 0.79 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:112 Resp: 5574

Ion	Ratio	Lower	Upper
112	100		
64	69.1	30.9	46.3#
63	37.8	16.7	25.1#



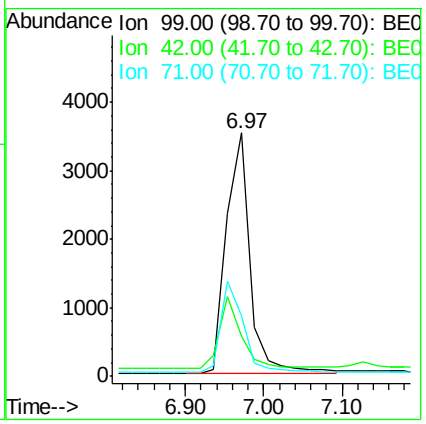


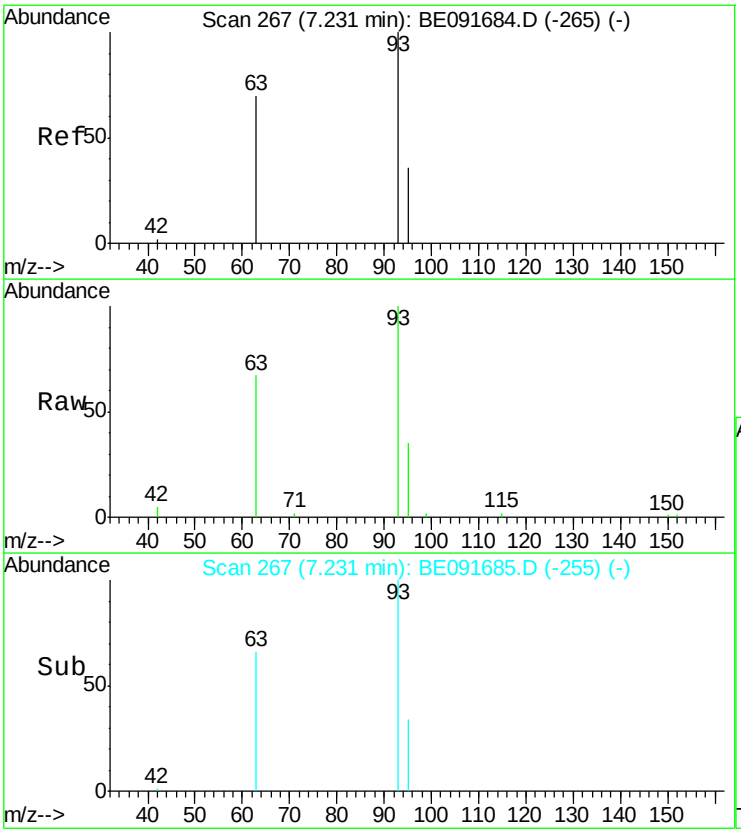
#5
Phenol-d6
Concen: 0.77 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 7298

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	36.3	29.0	43.4

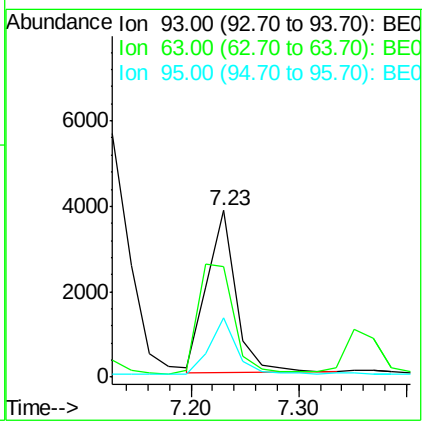


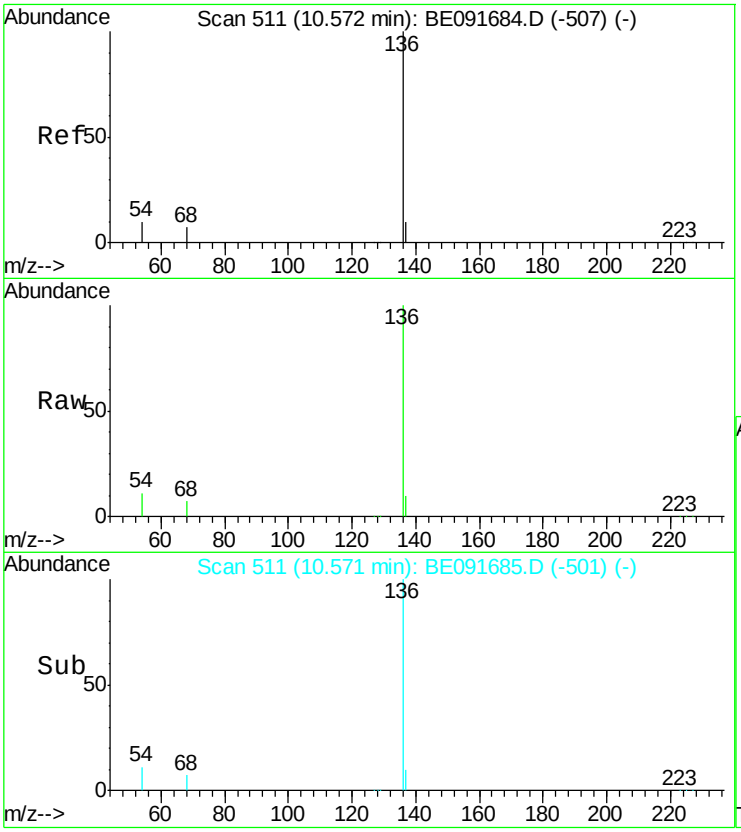


#6
bis(2-Chloroethyl)ether
Concen: 0.82 ng
RT: 7.23 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion: 93 Resp: 7126

Ion	Ratio	Lower	Upper
93	100		
63	85.0	49.5	74.3#
95	32.6	22.2	33.4



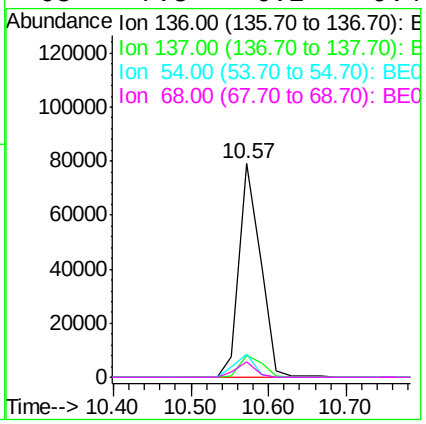


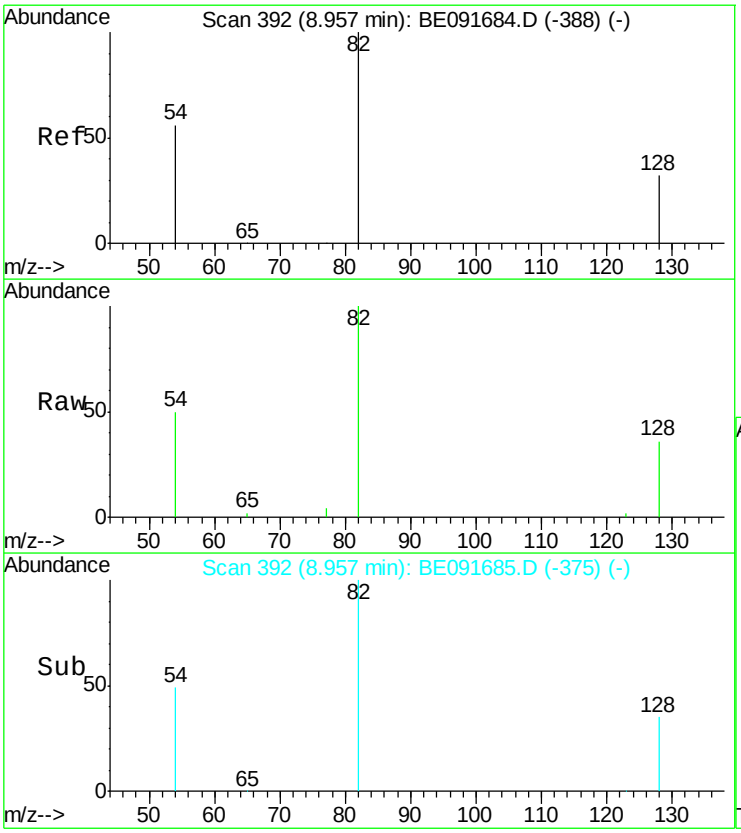
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 150885

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.7	8.2	12.4
68	7.3	6.2	9.4

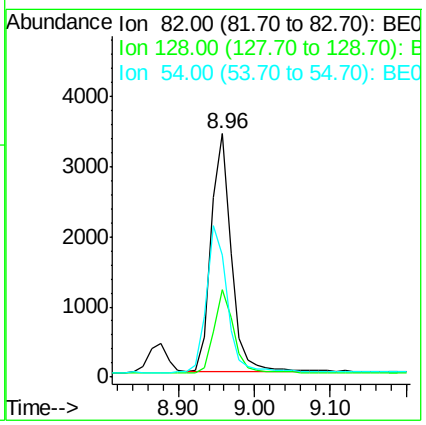


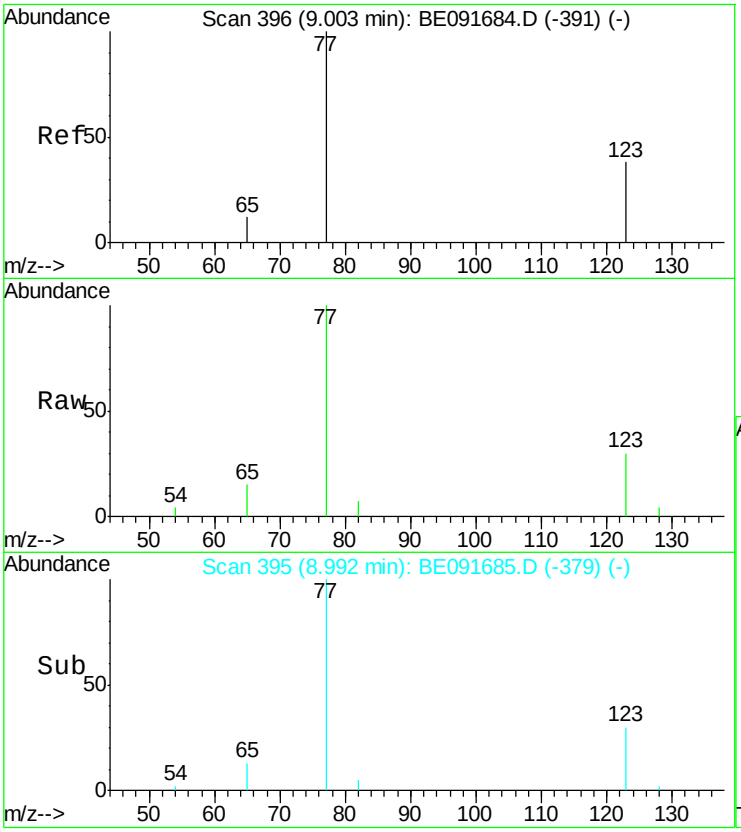


#8
Nitrobenzene-d5
Concen: 0.82 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion: 82 Resp: 6359

Ion	Ratio	Lower	Upper
82	100		
128	36.0	25.4	38.0
54	49.9	48.4	72.6



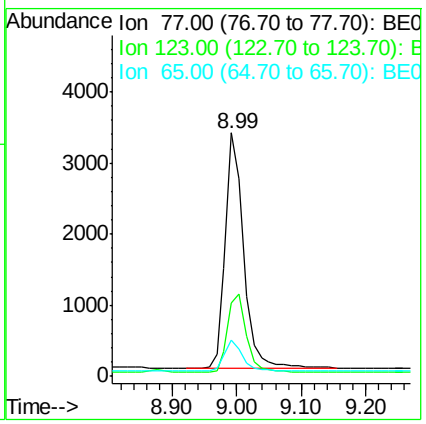


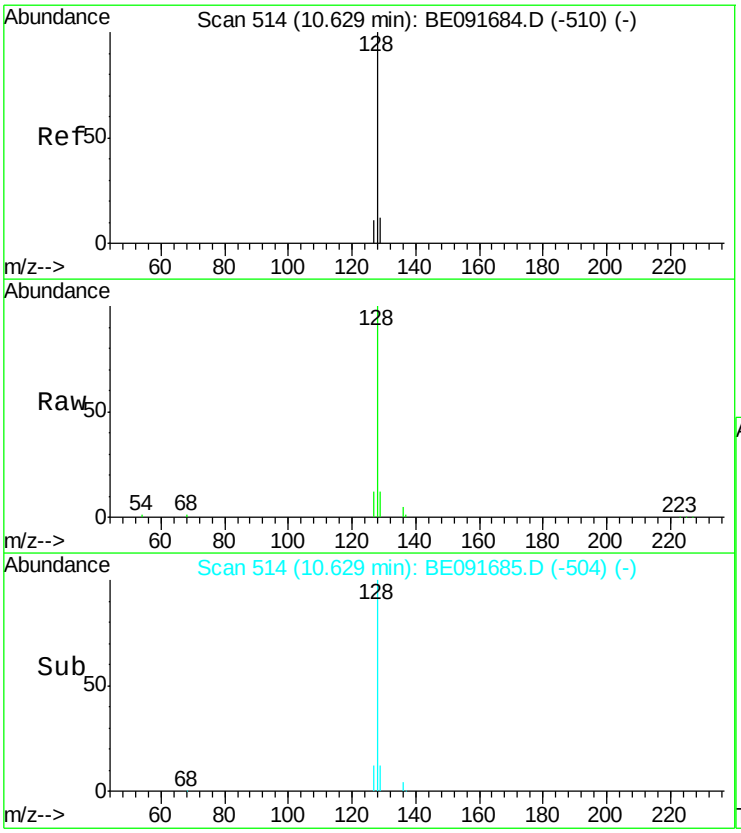
#9
Nitrobenzene
Concen: 0.84 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.01 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 6562

Ion	Ratio	Lower	Upper
77	100		
123	35.0	26.9	40.3
65	13.3	9.4	14.2

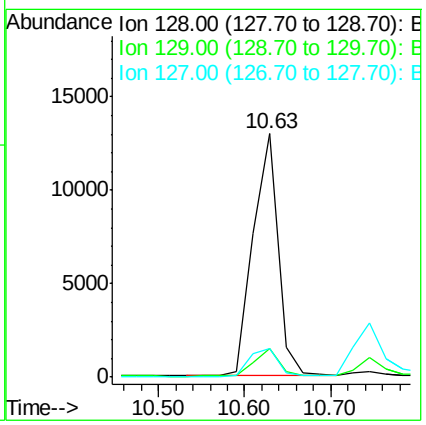


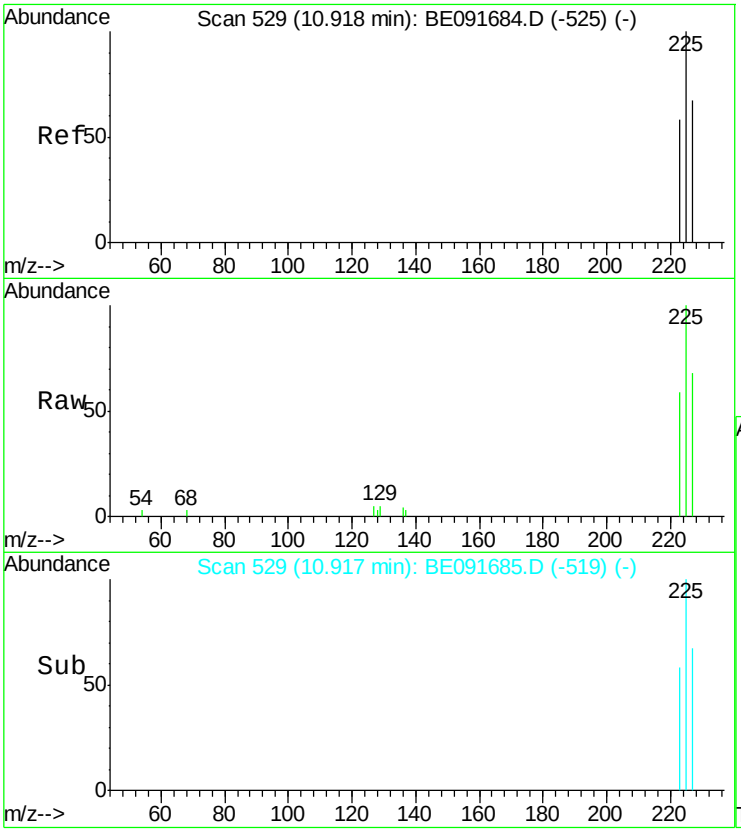


#10
Naphthalene
Concen: 0.85 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:128 Resp: 26140

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



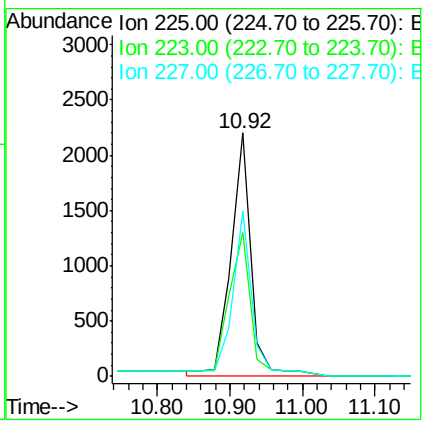


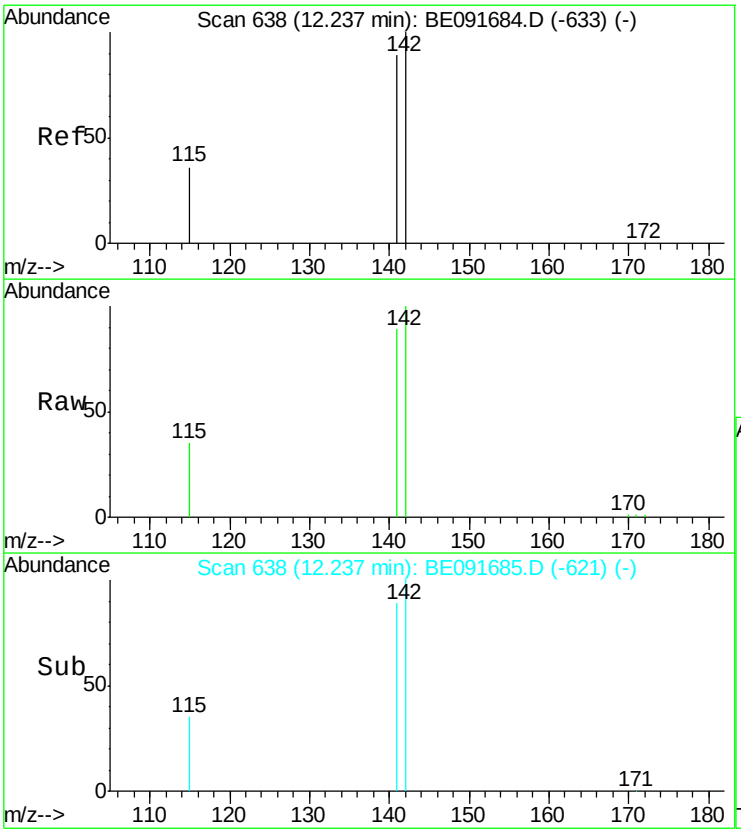
#11
Hexachlorobutadiene
Concen: 1.01 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 4516

Ion	Ratio	Lower	Upper
225	100		
223	67.4	49.0	73.6
227	67.0	50.3	75.5

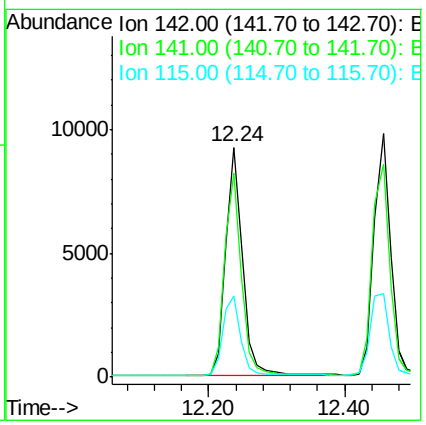


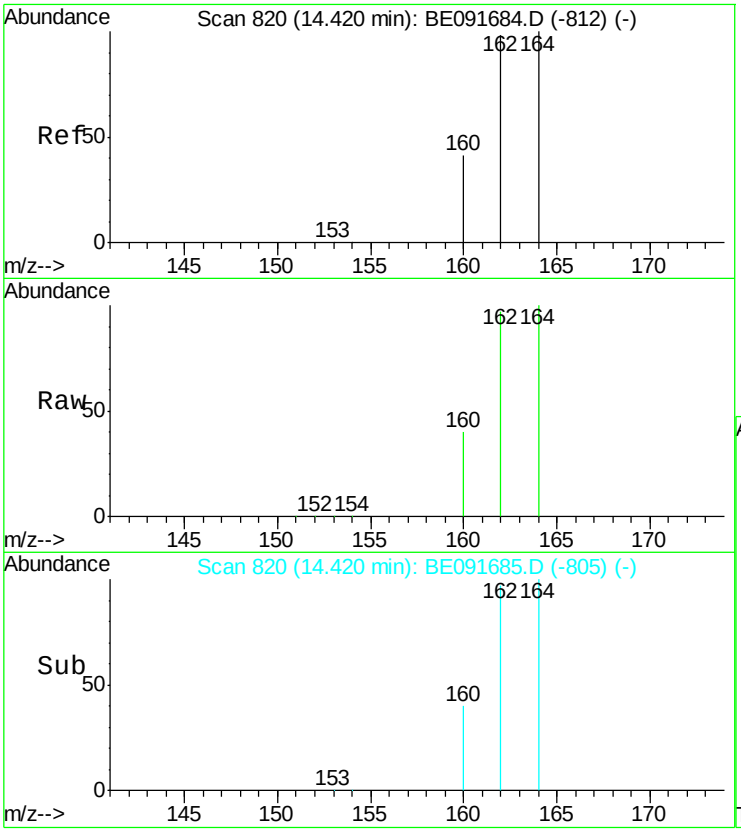


#12
2-Methylnaphthalene
Concen: 0.83 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:142 Resp: 16269

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.0
115	35.0	30.3	45.5



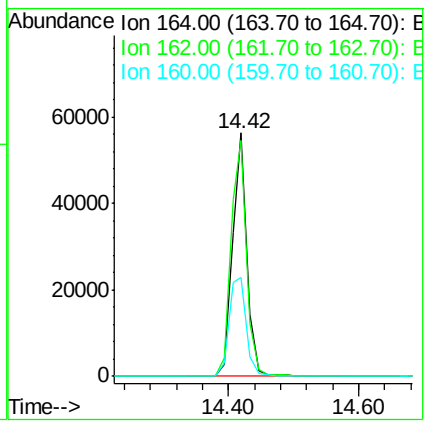


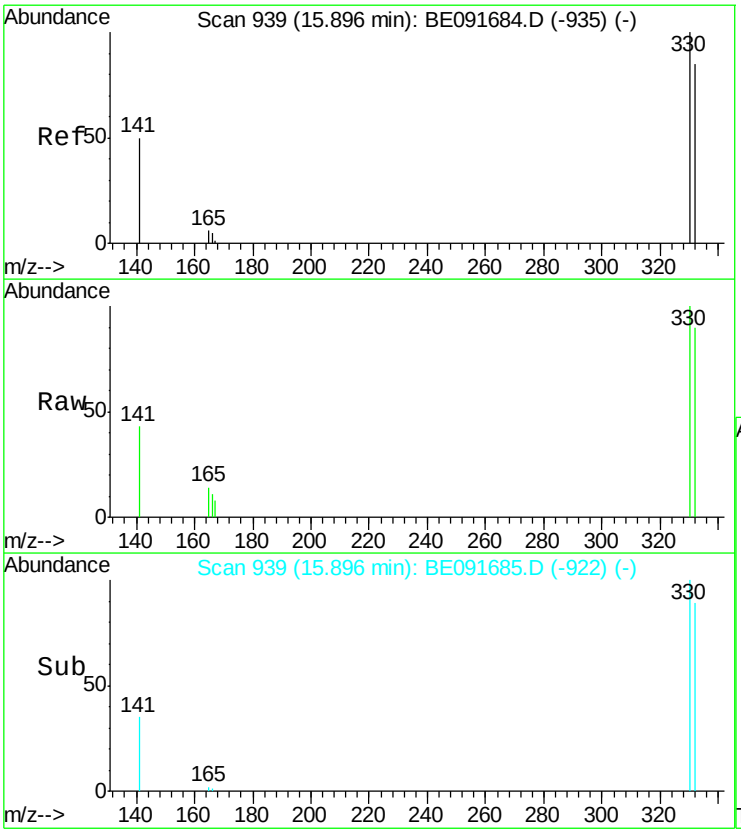
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 88418

Ion	Ratio	Lower	Upper
164	100		
162	97.1	85.3	127.9
160	40.5	46.2	69.2#

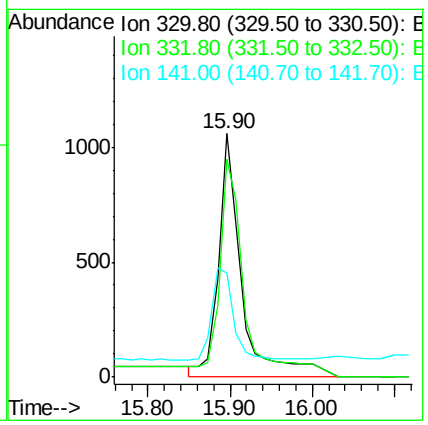


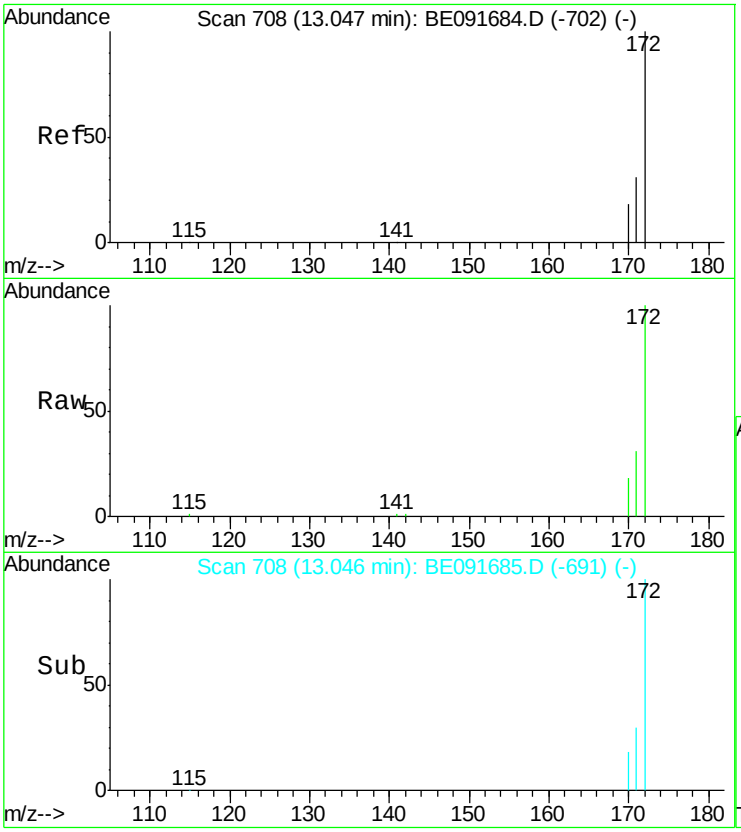


#14
2,4,6-Tribromophenol
Concen: 1.24 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:330 Resp: 2319

Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.1	118.7
141	32.5	125.4	188.0#



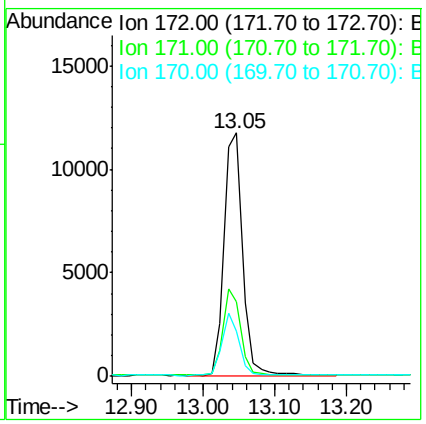


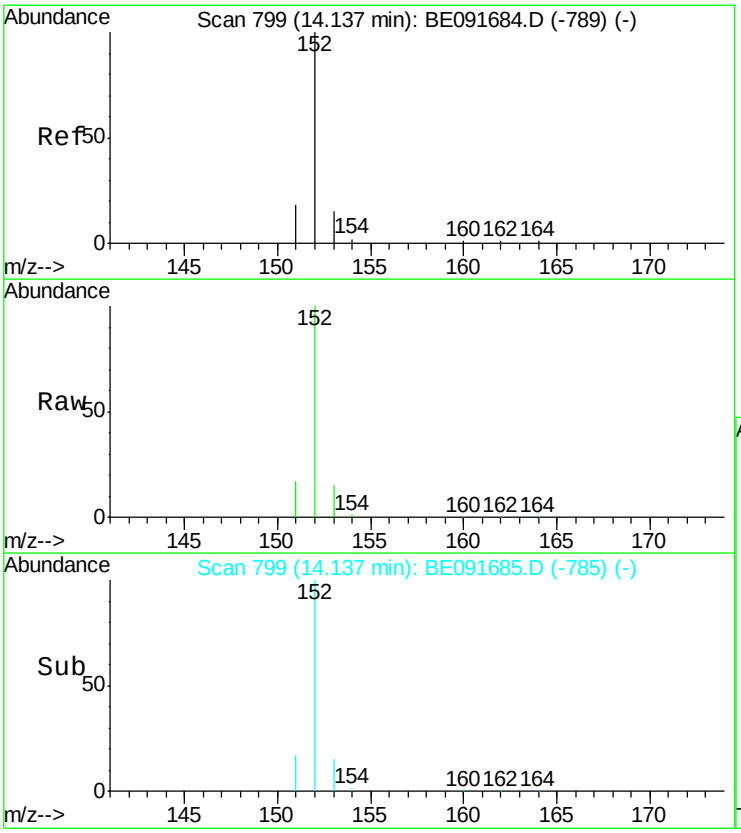
#15
2-Fluorobiphenyl
Concen: 0.86 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 21090

Ion	Ratio	Lower	Upper
172	100		
171	30.5	28.8	43.2
170	18.3	19.3	28.9#

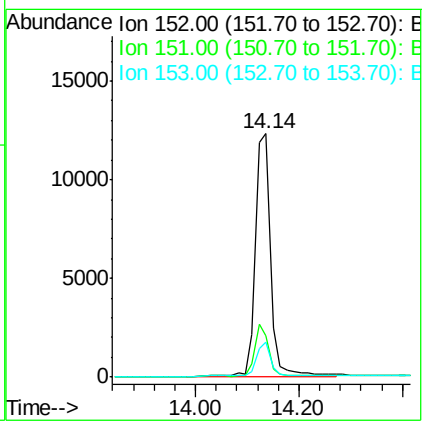


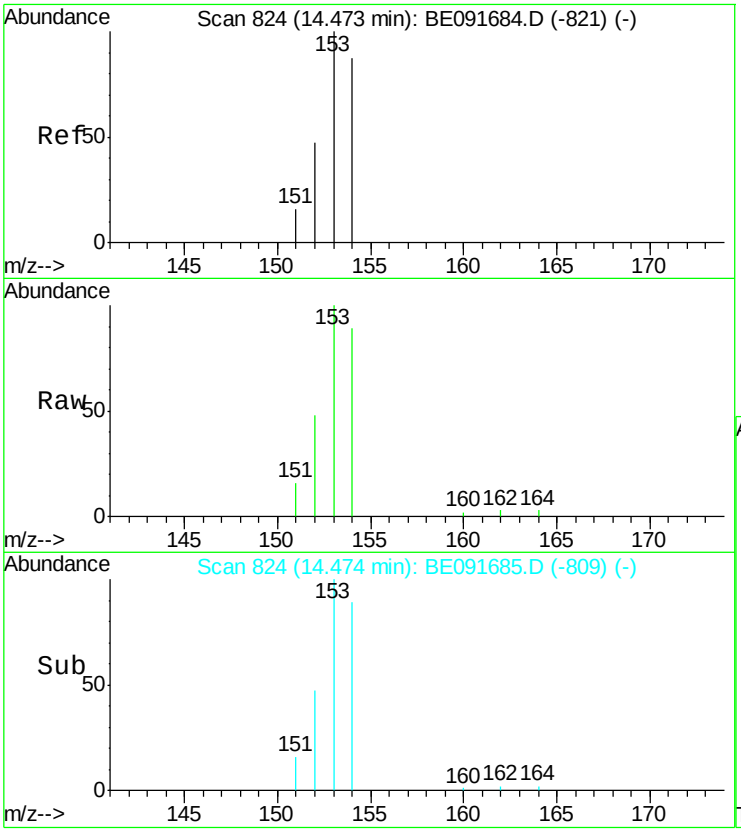


#16
Acenaphthylene
Concen: 0.84 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:152 Resp: 27341

Ion	Ratio	Lower	Upper
152	100		
151	18.5	3.9	5.9#
153	15.9	10.3	15.5#



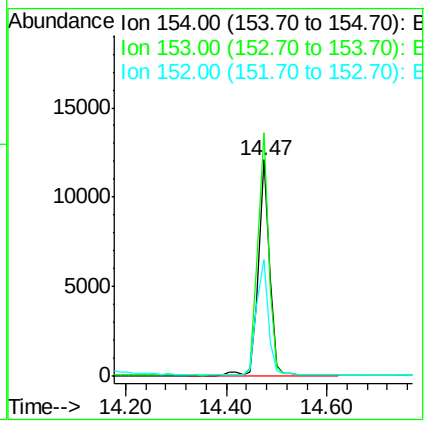


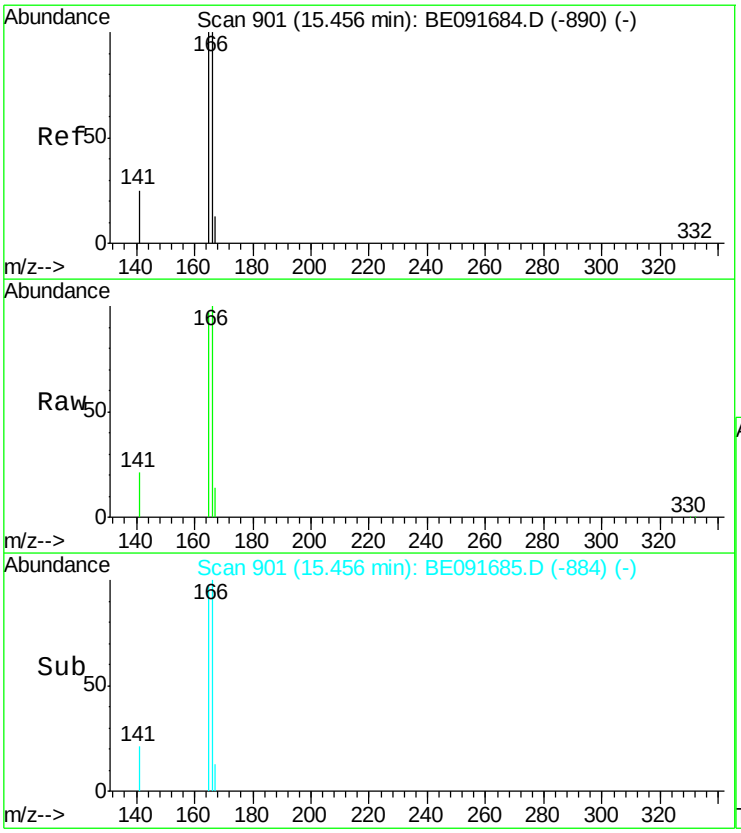
#17
Acenaphthene
Concen: 0.85 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 18516

Ion	Ratio	Lower	Upper
154	100		
153	111.5	80.0	120.0
152	55.2	40.0	60.0

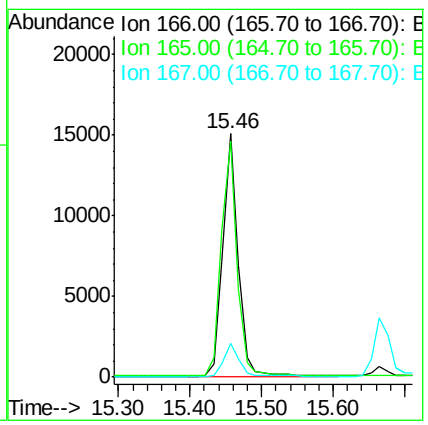


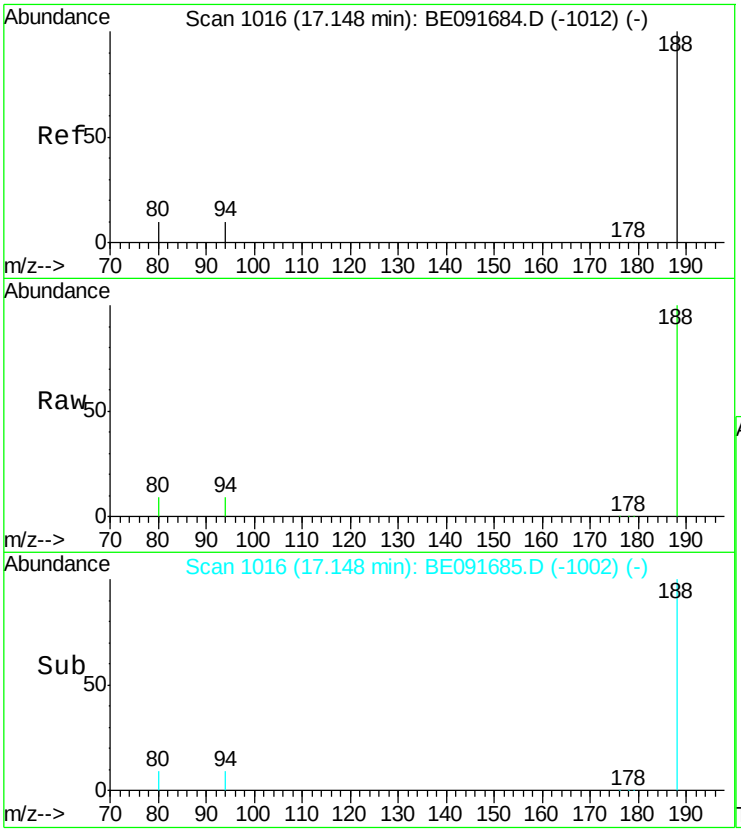


#18
Fluorene
Concen: 0.84 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:166 Resp: 22291

Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.8	121.2
167	13.5	10.9	16.3



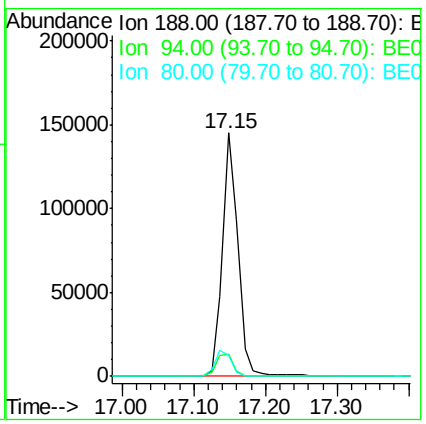


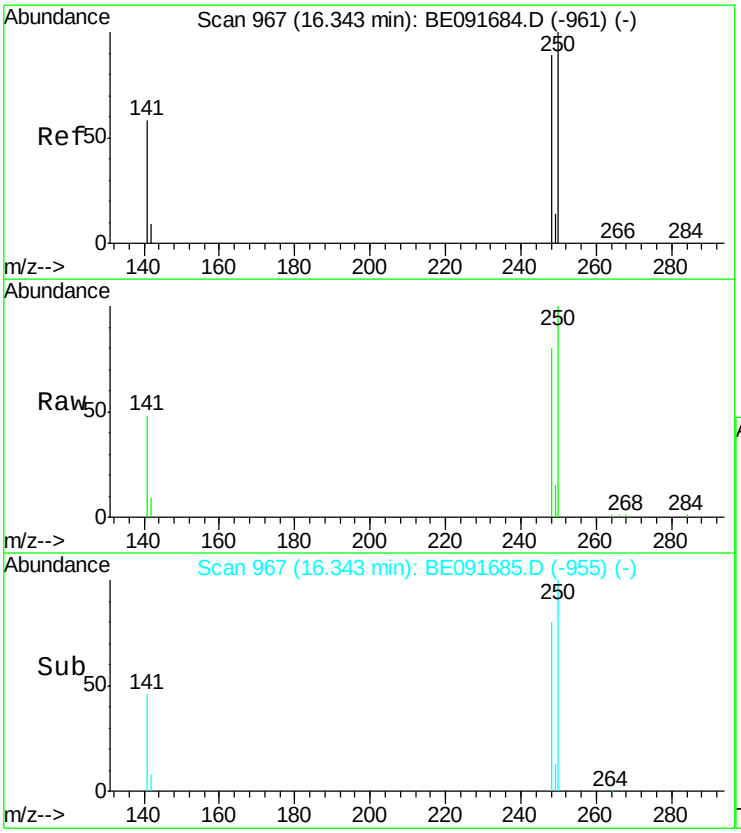
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 219237

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	8.7	9.4	14.0#

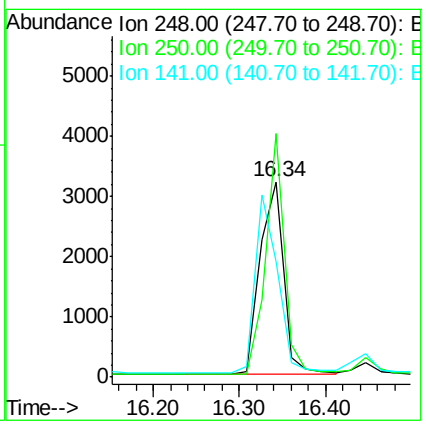


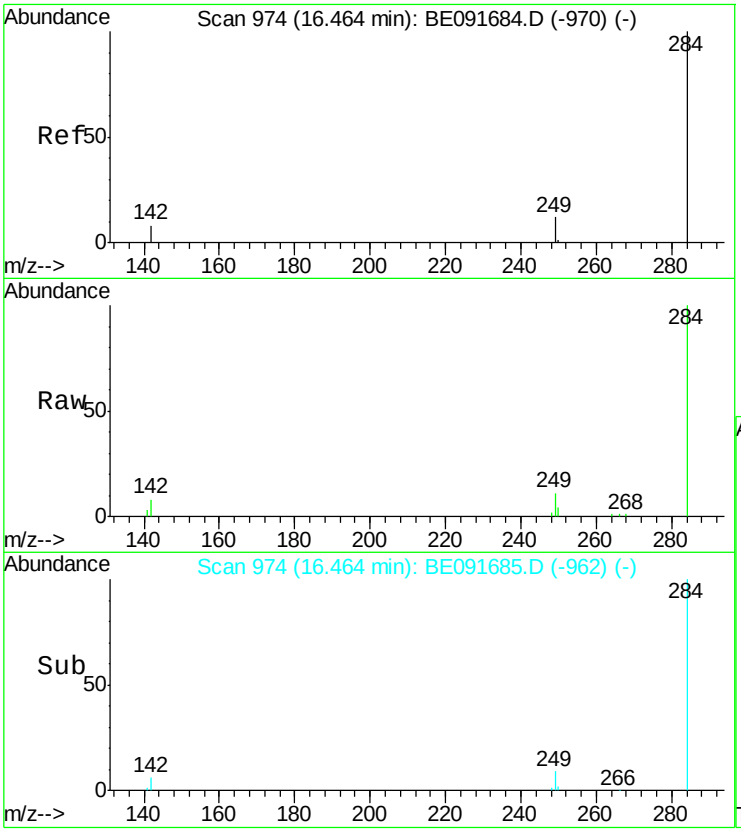


#20
4-Bromophenyl-phenylether
Concen: 0.81 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:248 Resp: 6135

Ion	Ratio	Lower	Upper
248	100		
250	99.9	80.5	120.7
141	88.1	72.0	108.0



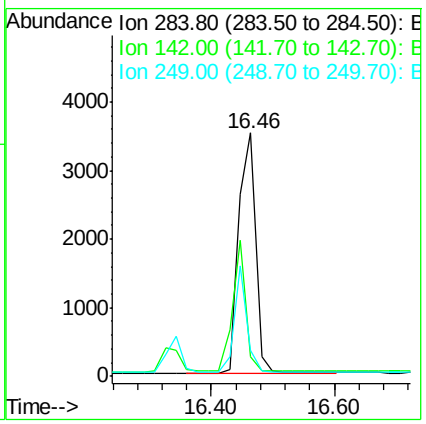


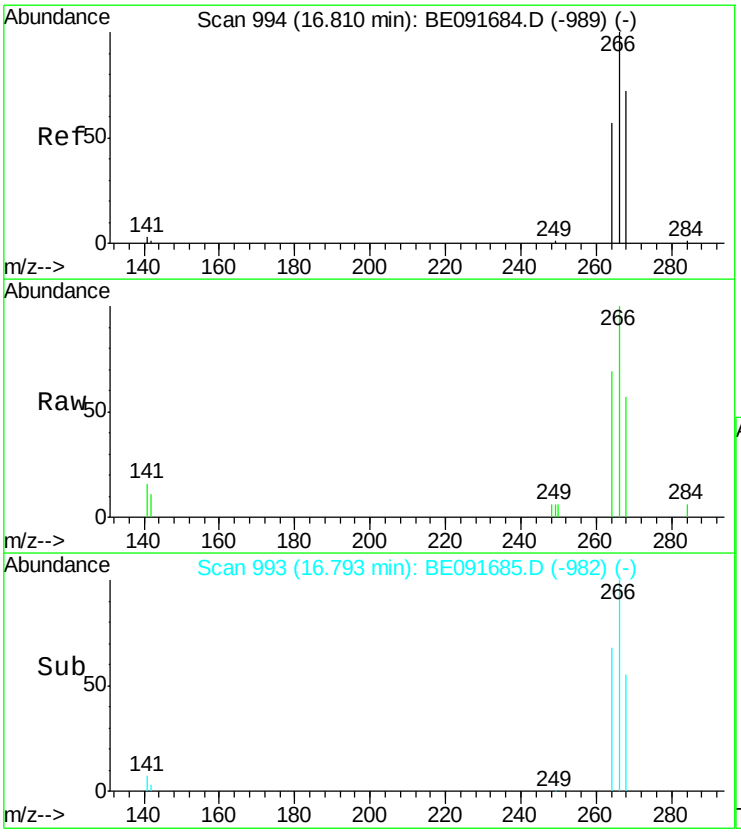
#21
Hexachlorobenzene
Concen: 0.83 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6720

Ion	Ratio	Lower	Upper
284	100		
142	43.1	32.2	48.2
249	33.2	25.4	38.2

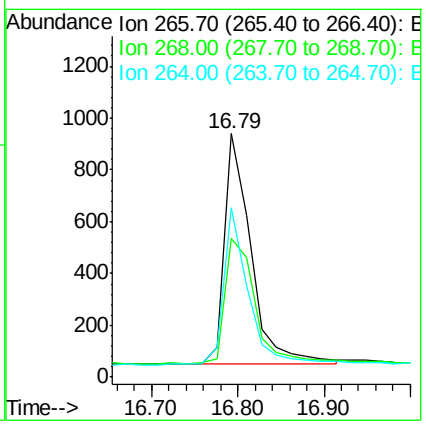


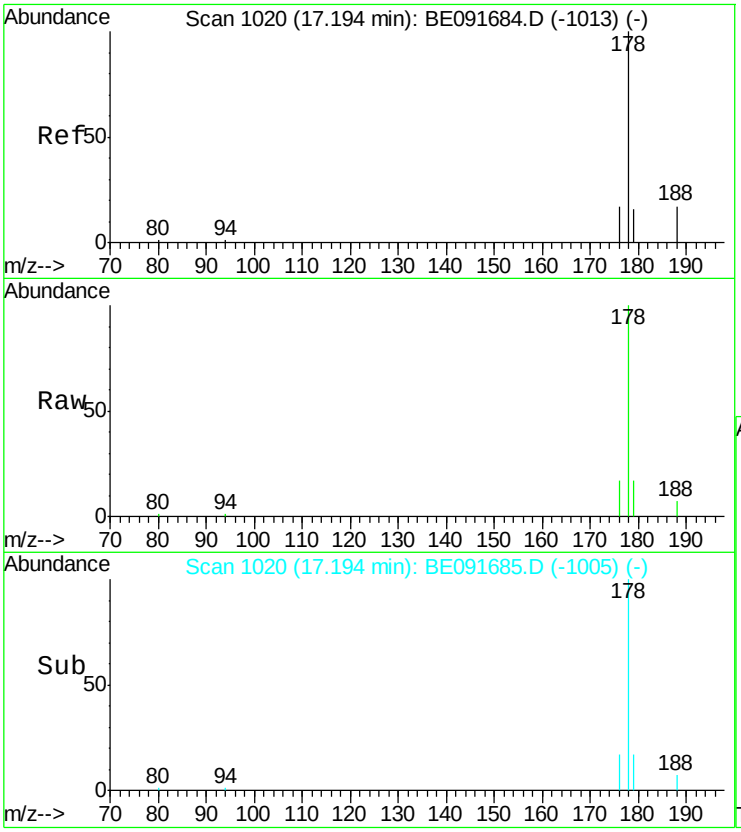


#22
Pentachlorophenol
Concen: 0.71 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:266 Resp: 1899

Ion	Ratio	Lower	Upper
266	100		
268	57.1	58.2	87.2#
264	69.4	56.2	84.4



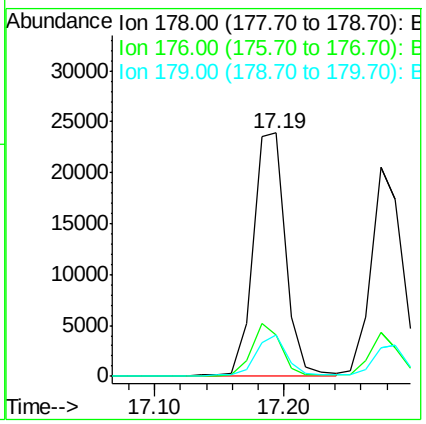


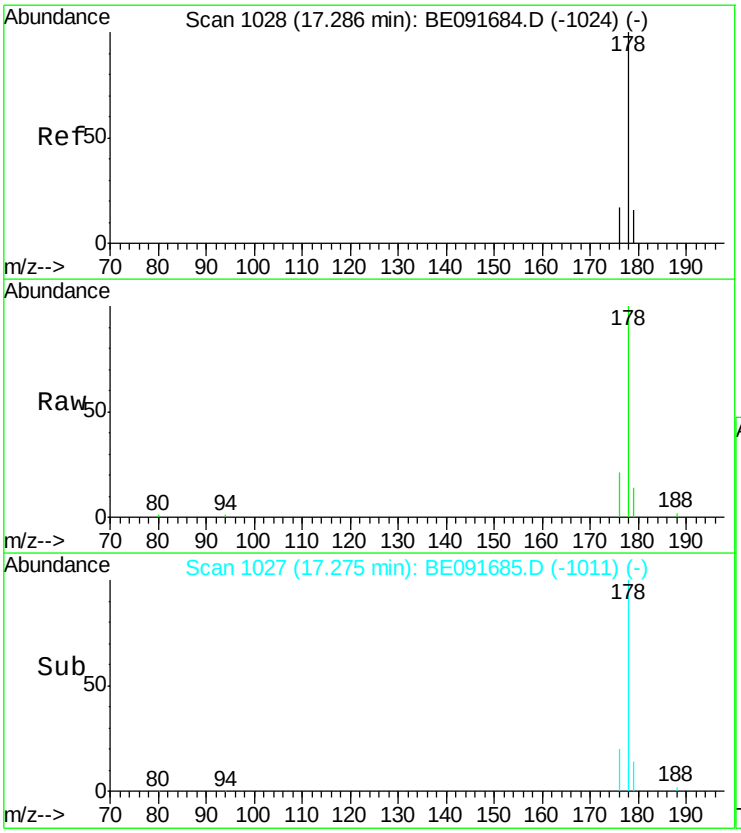
#23
Phenanthrene
Concen: 0.84 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 41622

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.8	12.6	18.8

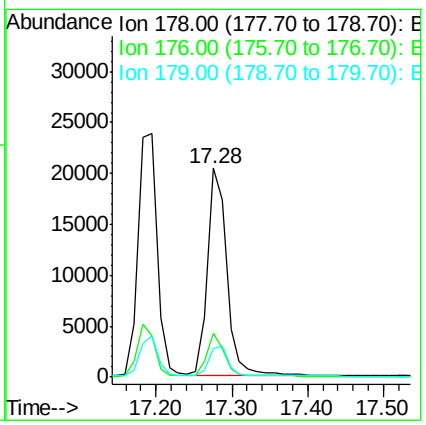


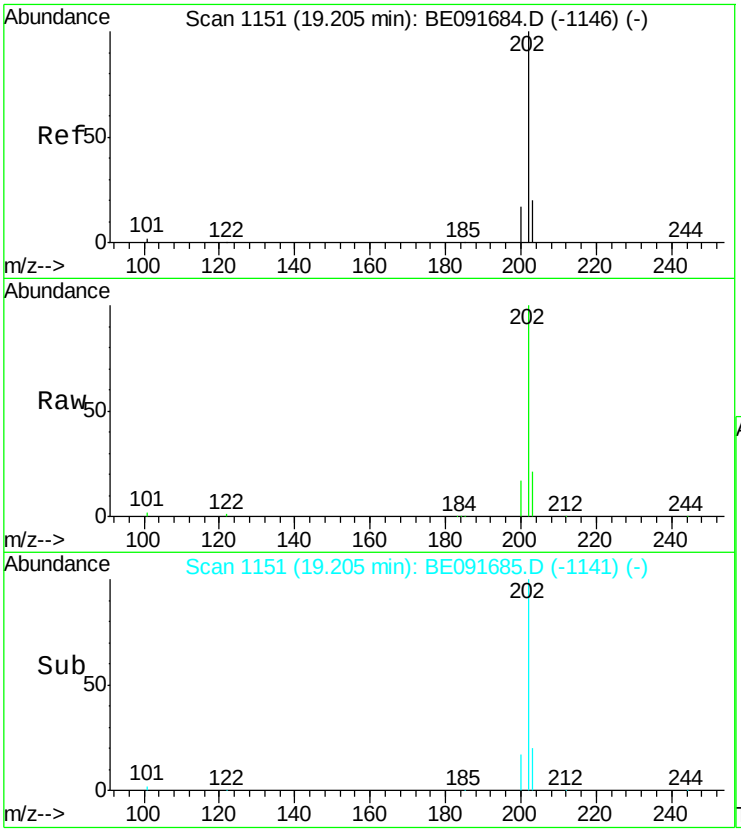


#24
Anthracene
Concen: 0.82 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:178 Resp: 36113

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.1	11.8	17.6



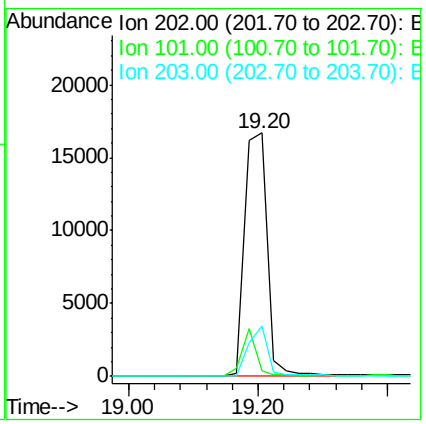


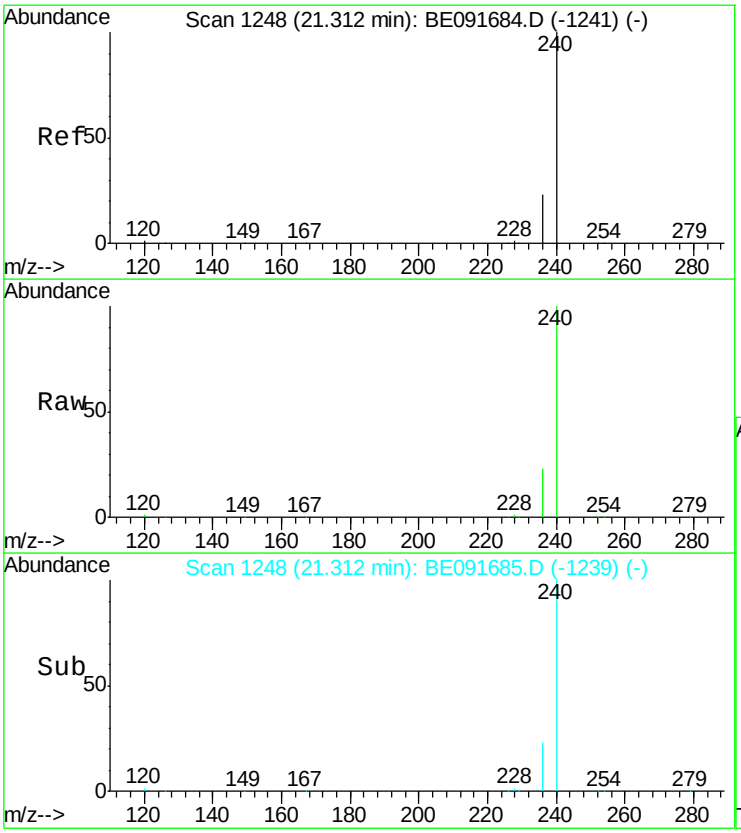
#25
Fluoranthene
Concen: 0.81 ng
RT: 19.20 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 40116

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.6
203	17.5	13.9	20.9

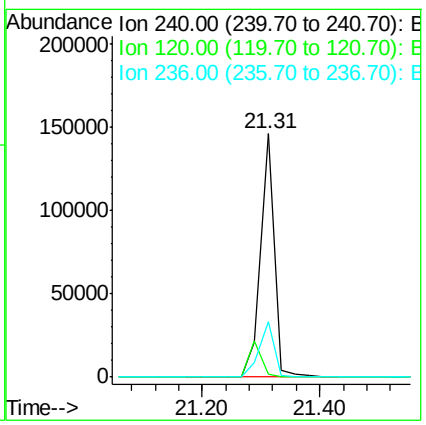


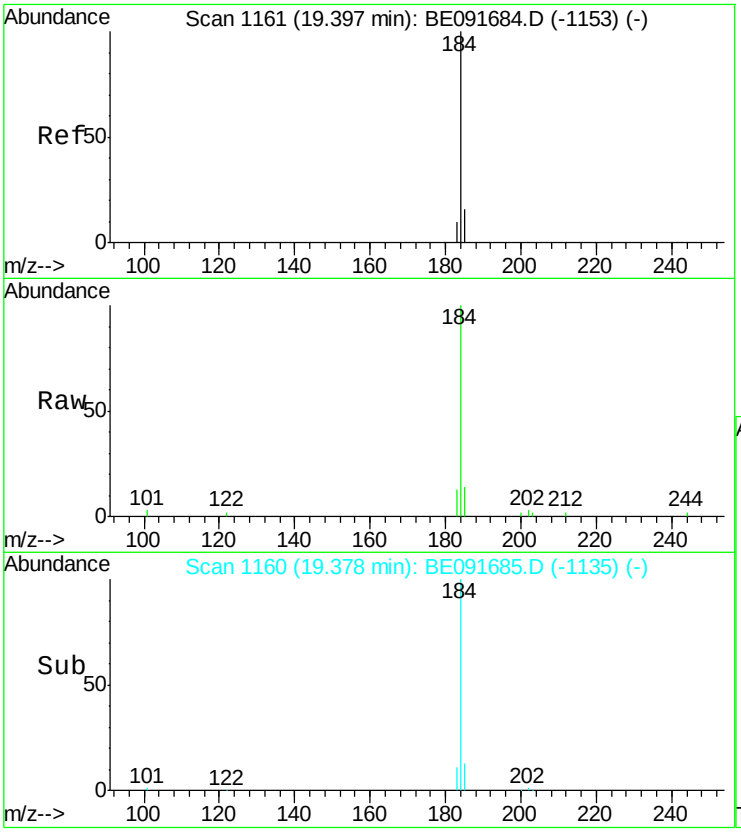


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:240 Resp: 241683

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



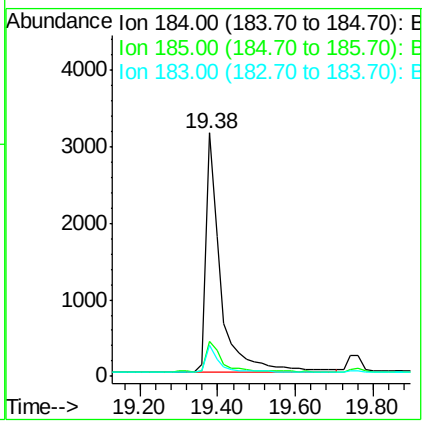


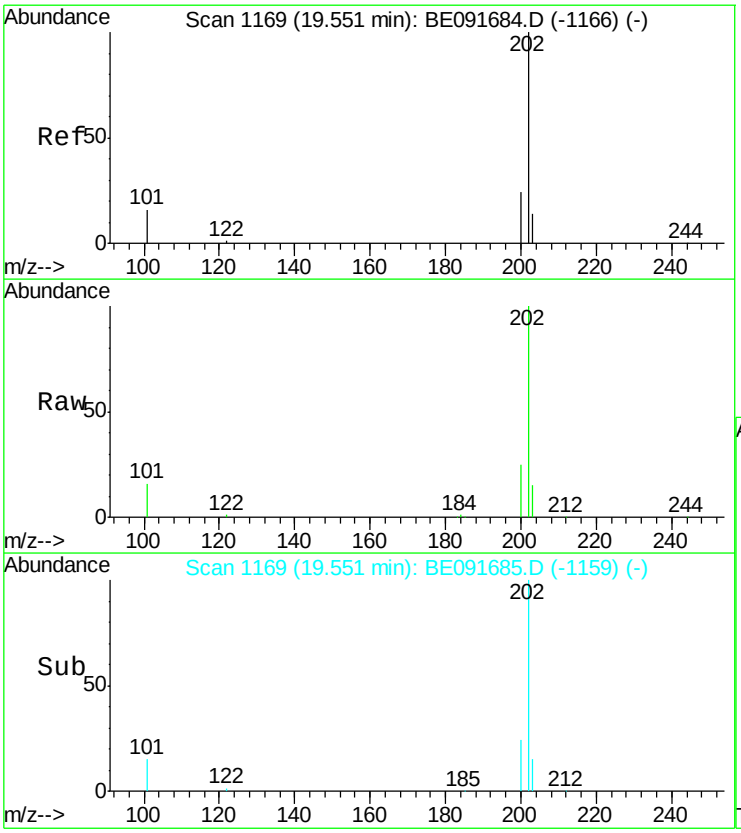
#27
Benzidine
Concen: 0.48 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 8359

Ion	Ratio	Lower	Upper
184	100		
185	14.3	22.3	33.5#
183	12.9	16.4	24.6#

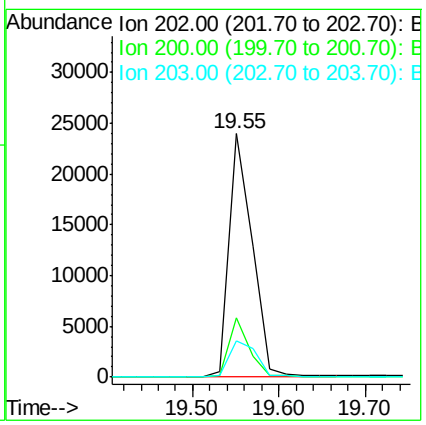


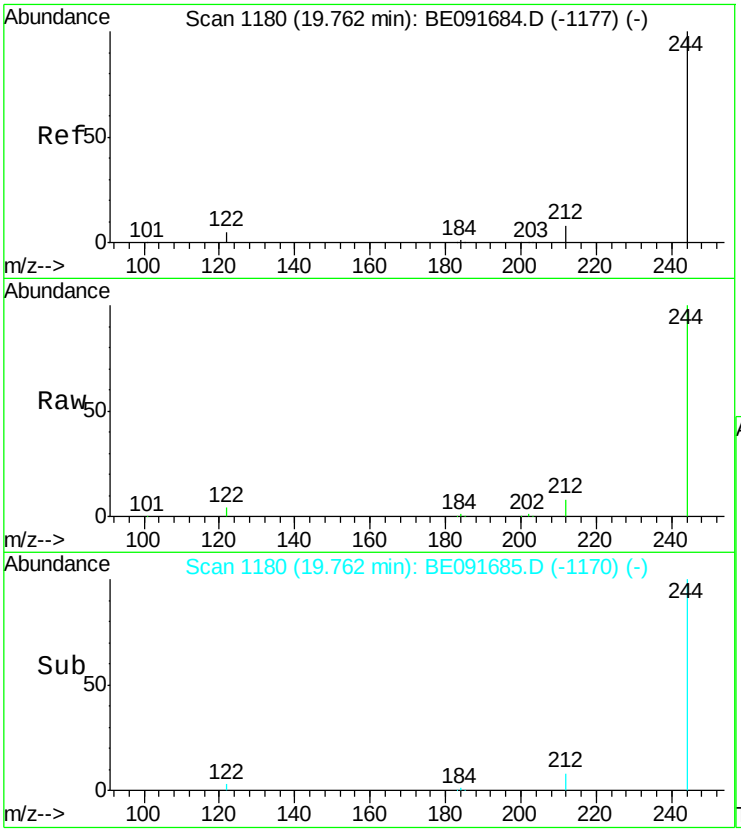


#28
Pyrene
Concen: 0.92 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:202 Resp: 44276

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.8	25.2
203	17.4	14.0	21.0



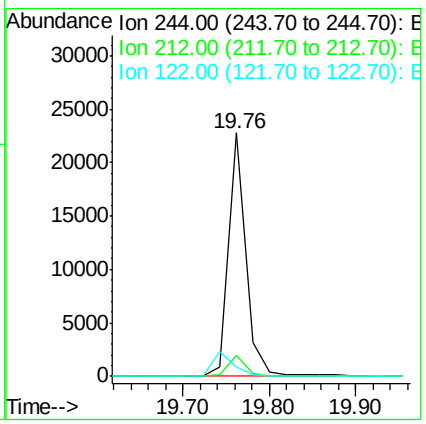


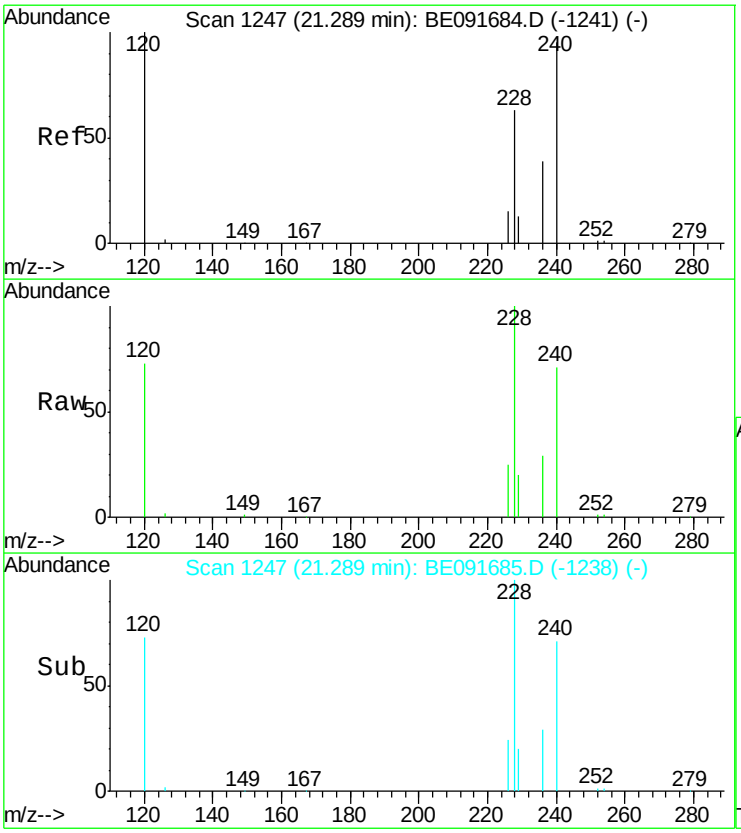
#29
Terphenyl-d14
Concen: 0.96 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 31578

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	3.8	11.0	16.4#

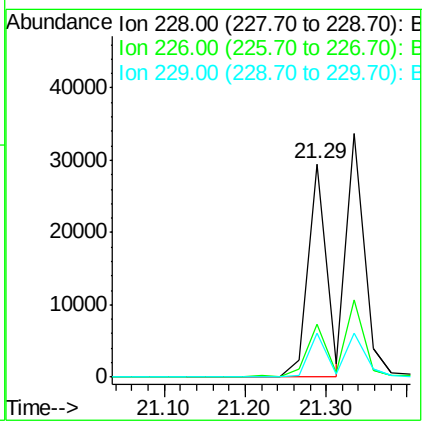


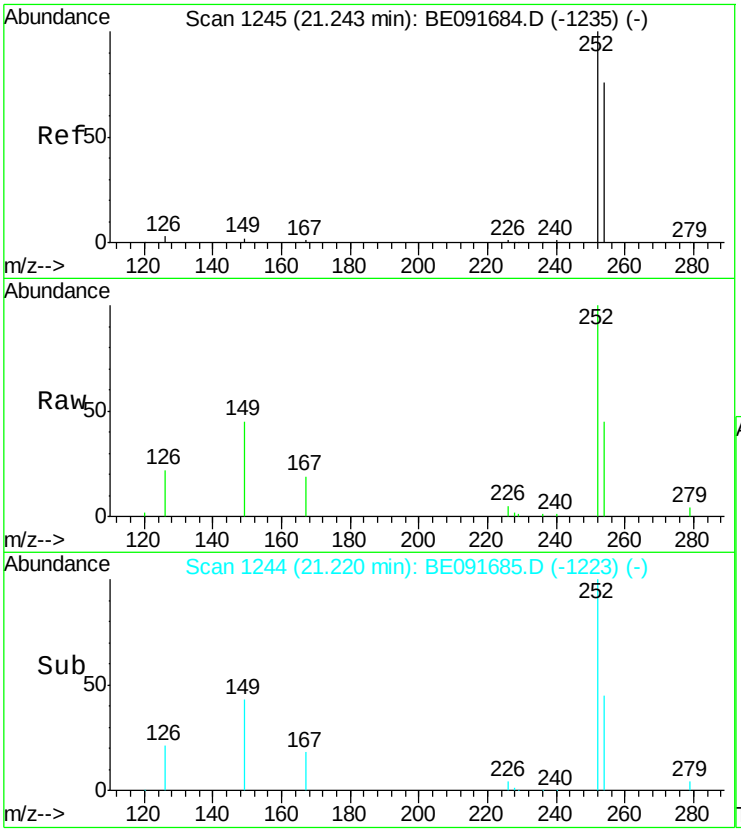


#30
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:228 Resp: 46434

Ion	Ratio	Lower	Upper
228	100		
226	24.6	21.0	31.4
229	20.4	15.7	23.5



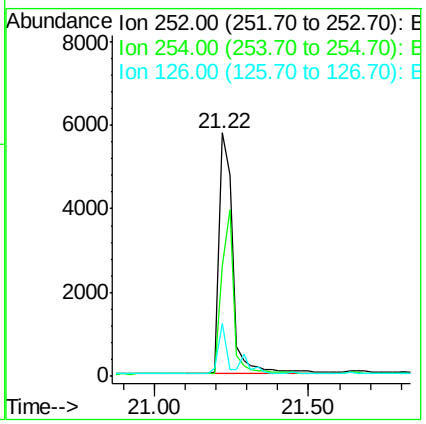


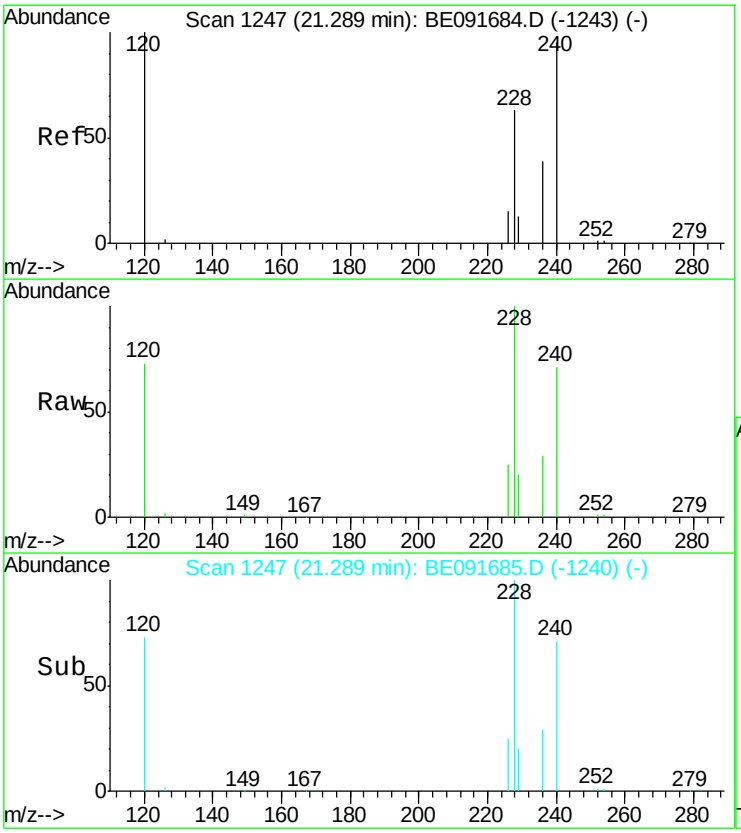
#31
3,3'-Dichlorobenzidine
Concen: 0.78 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 17033

Ion	Ratio	Lower	Upper
252	100		
254	45.4	51.1	76.7#
126	21.6	12.6	18.8#

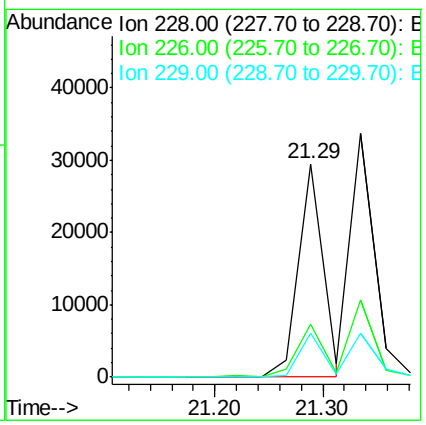


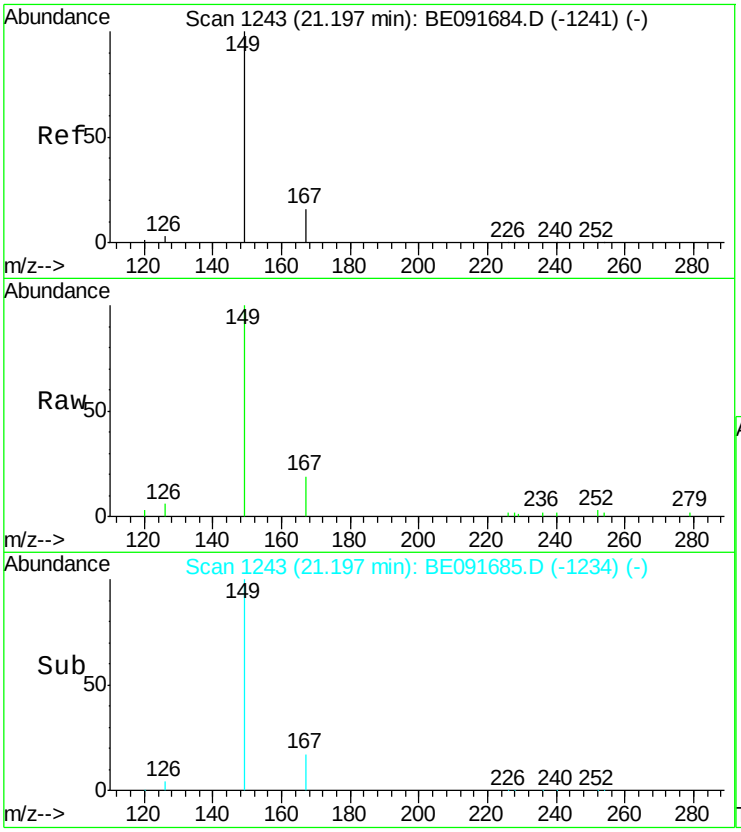


#32
Chrysene
Concen: 0.82 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:228 Resp: 46410

Ion	Ratio	Lower	Upper
228	100		
226	24.6	24.0	36.0
229	20.4	15.9	23.9



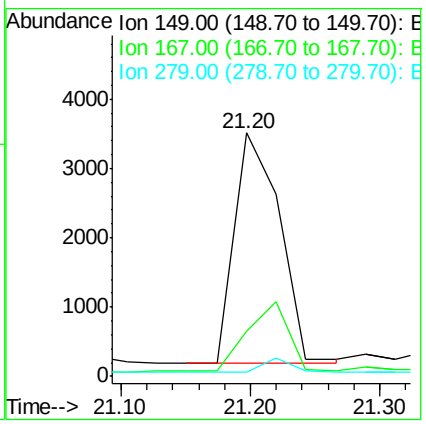


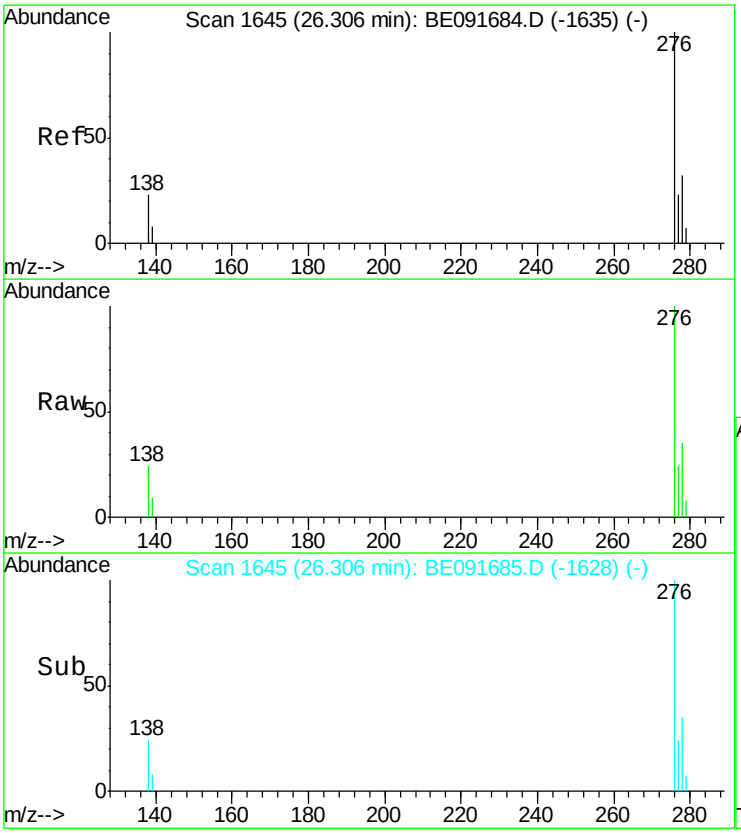
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.79 ng
RT: 21.20 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 8125

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

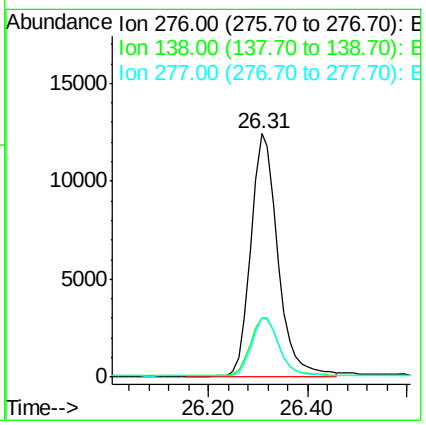


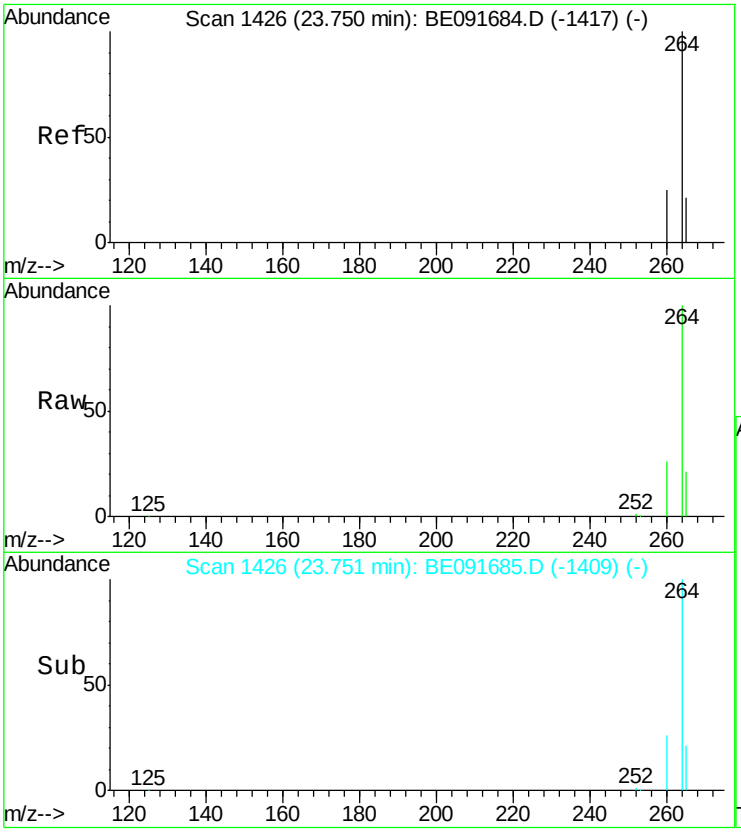


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 26.31 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:276 Resp: 46978

Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.2
277	24.7	19.8	29.8



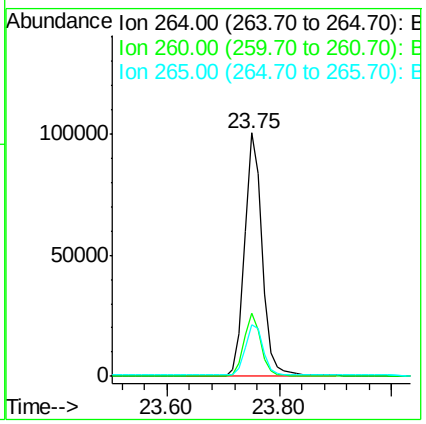


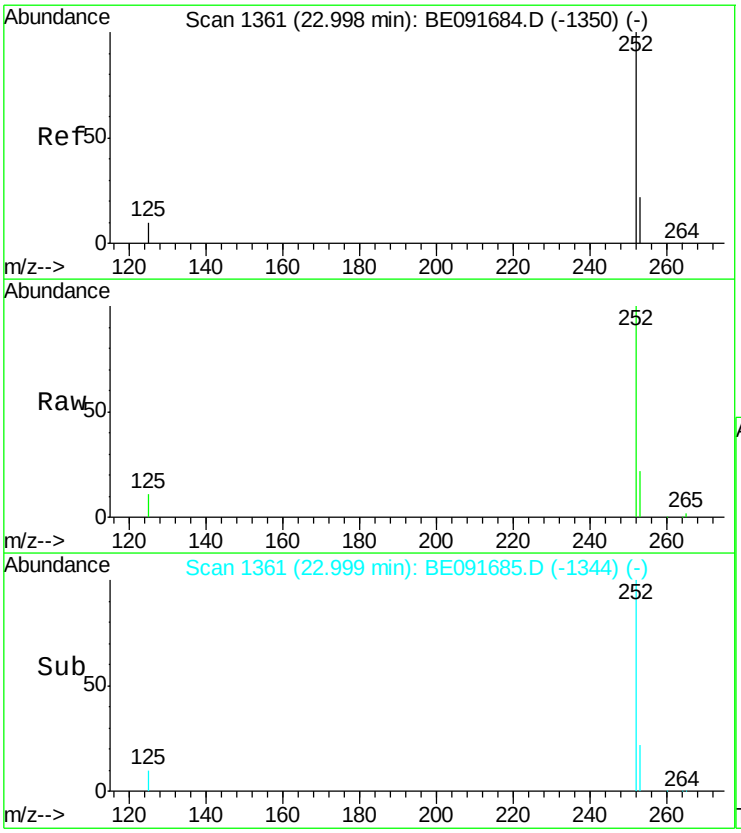
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 221897

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.0	30.0
265	21.3	17.5	26.3

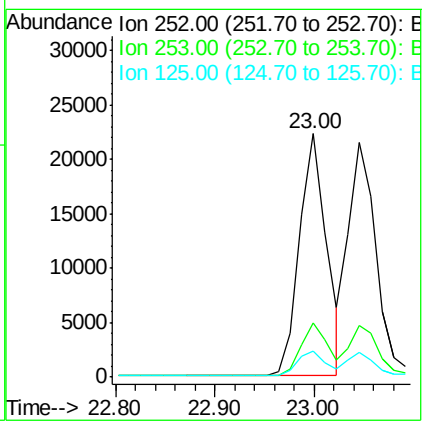


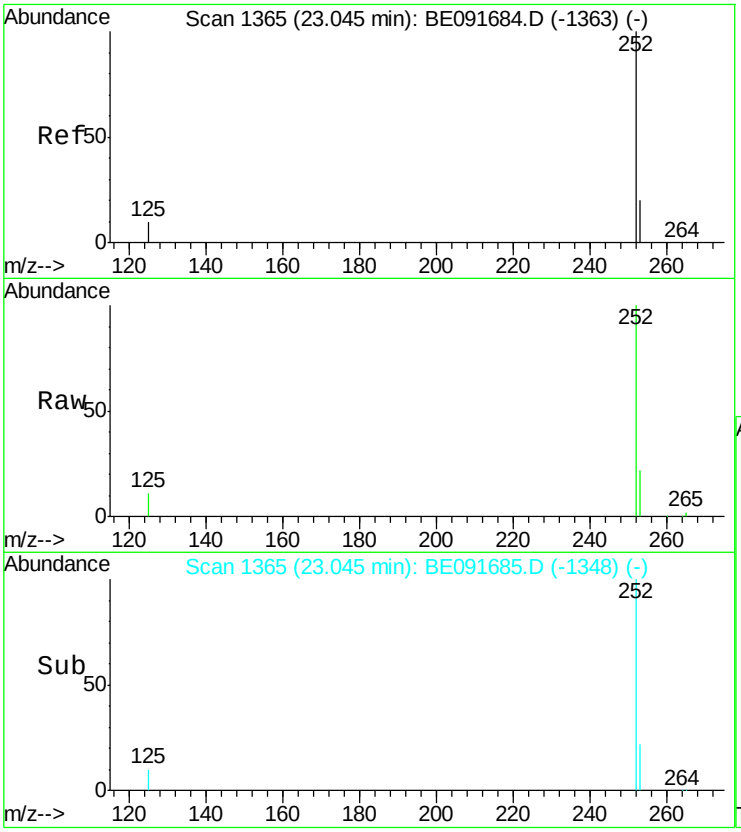


#36
Benzo(b)fluoranthene
Concen: 0.87 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:252 Resp: 42302

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.8	10.2	15.2



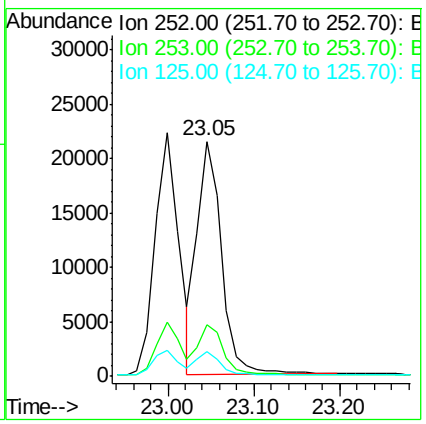


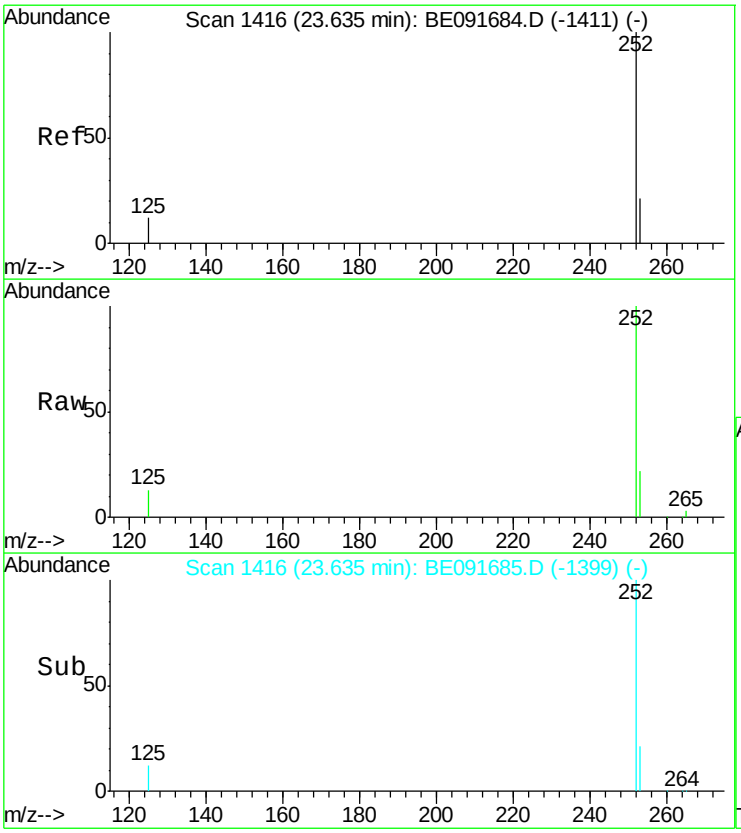
#37
Benzo(k)fluoranthene
Concen: 0.81 ng
RT: 23.05 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 41820

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.6	9.9	14.9

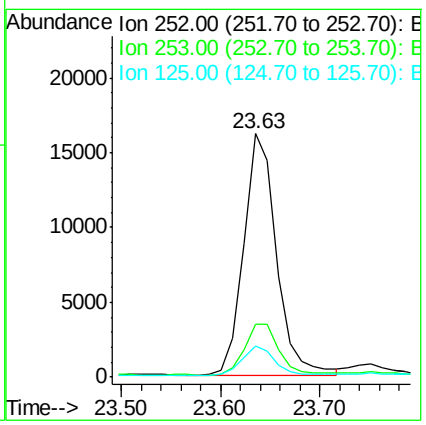


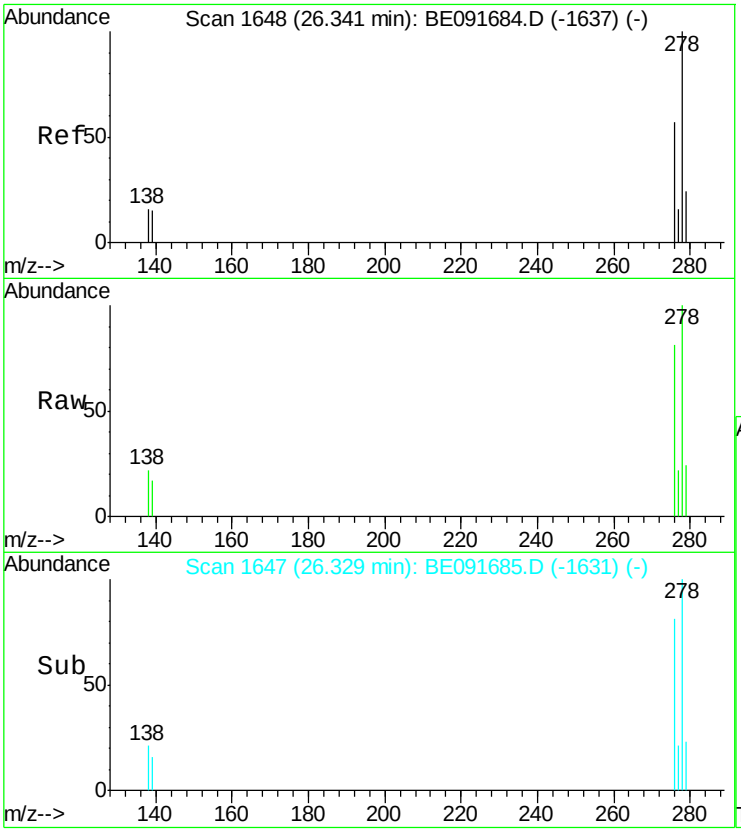


#38
Benzo(a)pyrene
Concen: 0.81 ng
RT: 23.63 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:252 Resp: 36830

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.7	11.0	16.4



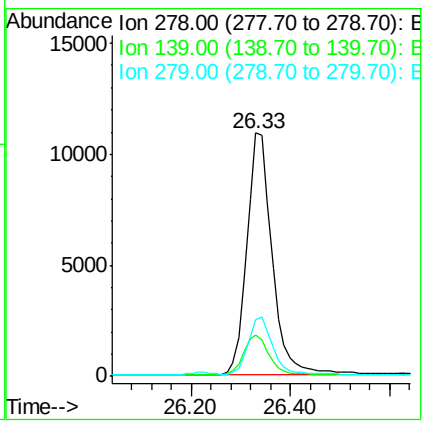


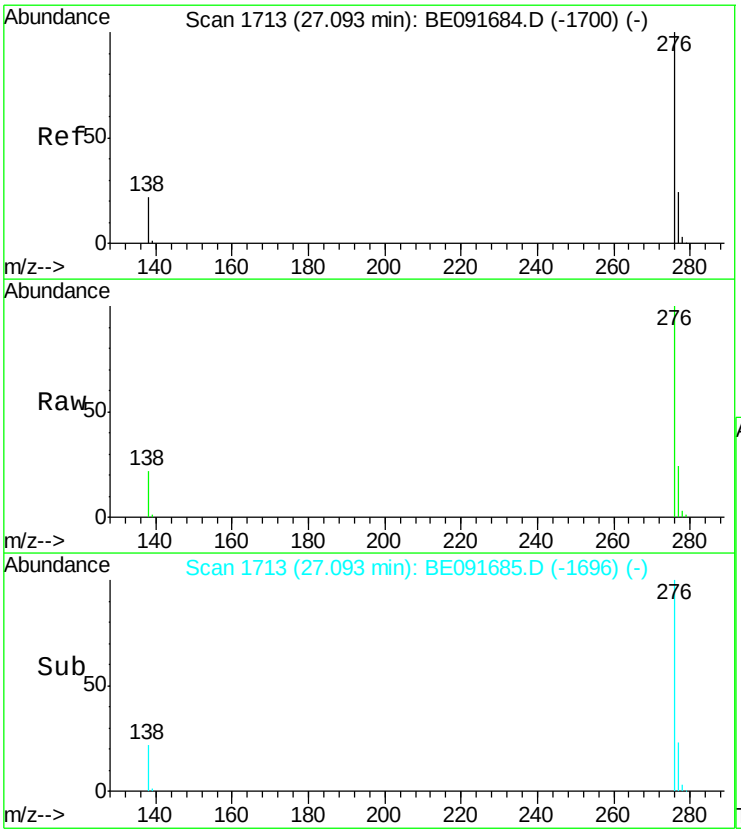
#39
Dibenzo(a,h)anthracene
Concen: 0.87 ng
RT: 26.33 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 38739

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.0	24.0
279	23.5	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.85 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BE091685.D
Acq: 20 Apr 2016 15:04

Tgt Ion:276 Resp: 39084

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	22.3	20.4	30.6