Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042016\
Data File : BE091694.D
Acq On : 20 Apr 2016 20:47
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Apr 21 04:06:34 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 18:55:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	30072	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	148942	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	88909	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	225290	5.00	ng		0.00
26) Chrysene-d12	21.31	240	226219	5.00	ng		0.00
35) Perylene-d12	23.75	264	208333	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	2539	0.38	ng		0.00
5) Phenol-d6	6.97	99	3321	0.37	ng		0.00
8) Nitrobenzene-d5	8.96	82	2900	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	1252	0.62	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	9911	0.40	ng		0.00
29) Terphenyl-d14	19.76	244	13923	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1609	0.40	ng	#	89
3) n-Nitrosodimethylamine	3.66	42	1699	0.39	ng	#	90
6) bis(2-Chloroethyl)ether	7.23	93	3061	0.38	ng	#	76
9) Nitrobenzene	8.99	77	2939	0.37	ng		96
10) Naphthalene	10.63	128	11939	0.39	ng		98
11) Hexachlorobutadiene	10.92	225	2274	0.52	ng		89
12) 2-Methylnaphthalene	12.24	142	7552	0.39	ng		99
16) Acenaphthylene	14.14	152	13153	0.37	ng	#	73
17) Acenaphthene	14.47	154	8598	0.39	ng		84
18) Fluorene	15.46	166	10728	0.40	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	3040	0.40	ng		97
21) Hexachlorobenzene	16.46	284	3302	0.40	ng		96
22) Pentachlorophenol	16.79	266	712	0.39	ng		91
23) Phenanthrene	17.18	178	20930	0.41	ng		99
24) Anthracene	17.28	178	17239	0.38	ng		98
25) Fluoranthene	19.19	202	18382	0.37	ng		98
27) Benzidine	19.40	184	3394	0.43	ng	#	86
28) Pyrene	19.55	202	20645	0.40	ng		99
30) Benzo(a)anthracene	21.29	228	20344	0.37	ng		95
31) 3,3'-Dichlorobenzidine	21.22	252	7309	0.43	ng	#	81
32) Chrysene	21.29	228	20332	0.34	ng	#	91
33) Bis(2-ethylhexyl)phthalate	21.20	149	3696	0.43	ng	#	88
34) Indeno(1,2,3-cd)pyrene	26.31	276	19613	0.37	ng		97
36) Benzo(b)fluoranthene	23.00	252	18765	0.38	ng		97
37) Benzo(k)fluoranthene	23.04	252	18435	0.37	ng		99
38) Benzo(a)pyrene	23.63	252	15556	0.36	ng		100
39) Dibenzo(a,h)anthracene	26.34	278	15903	0.36	ng		96
40) Benzo(g,h,i)perylene	27.09	276	16887	0.37	ng		97

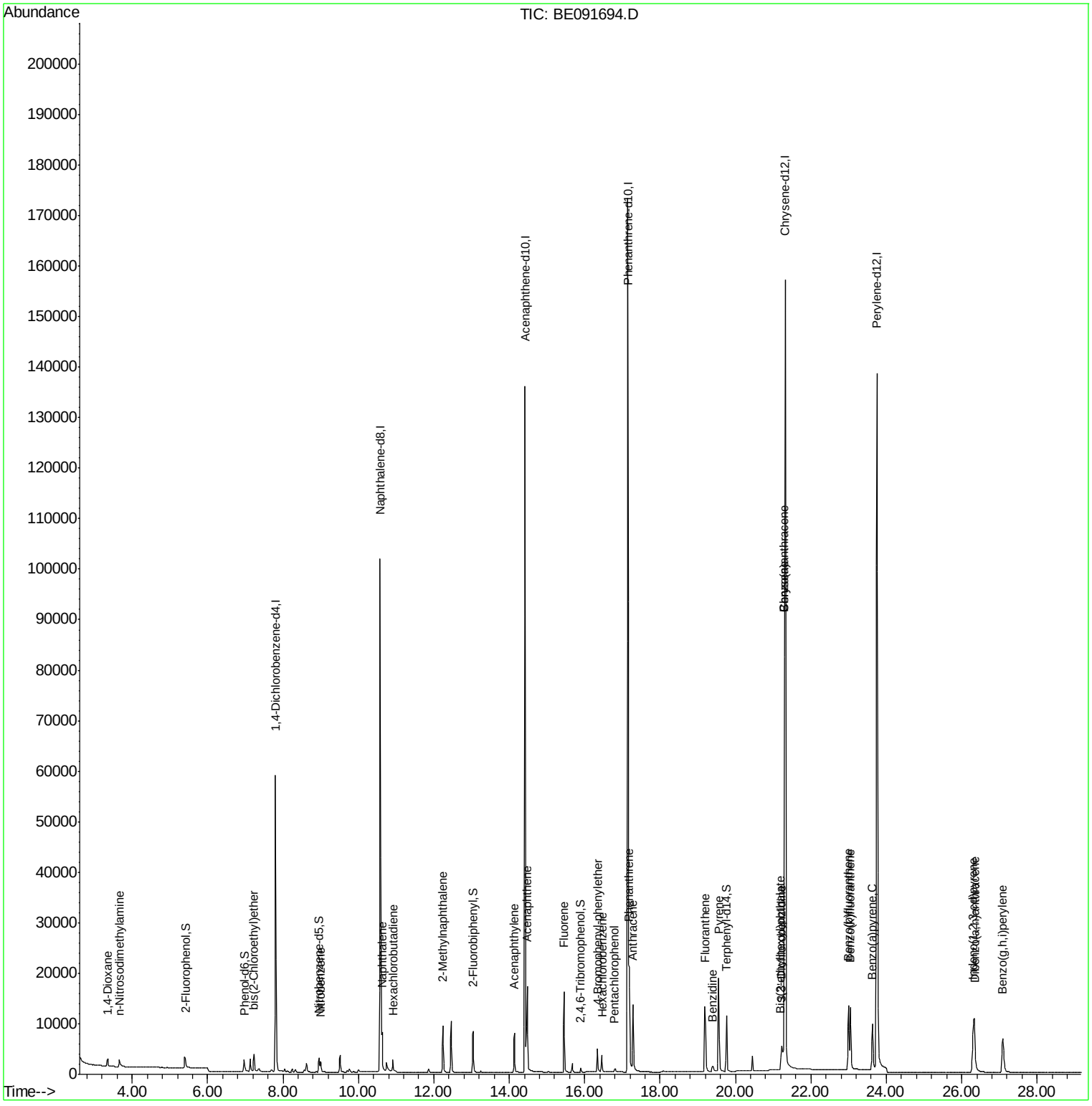
(#) = qualifier out of range (m) = manual integration (+) = signals summed

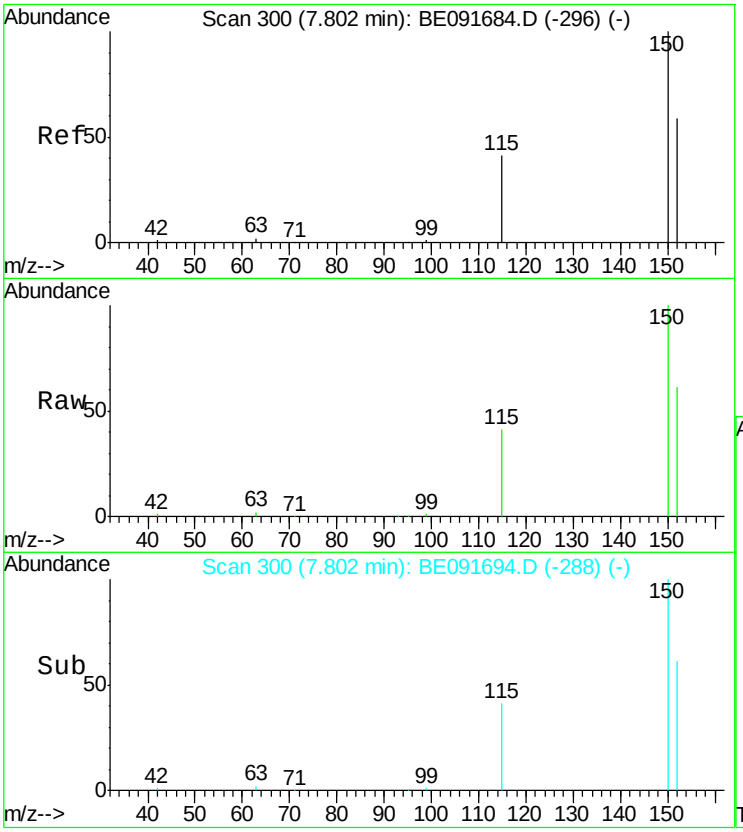
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042016\
Data File : BE091694.D
Acq On : 20 Apr 2016 20:47
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Apr 21 04:06:34 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 18:55:38 2016
Response via : Initial Calibration



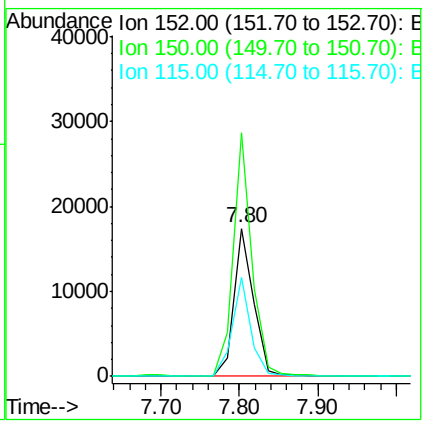


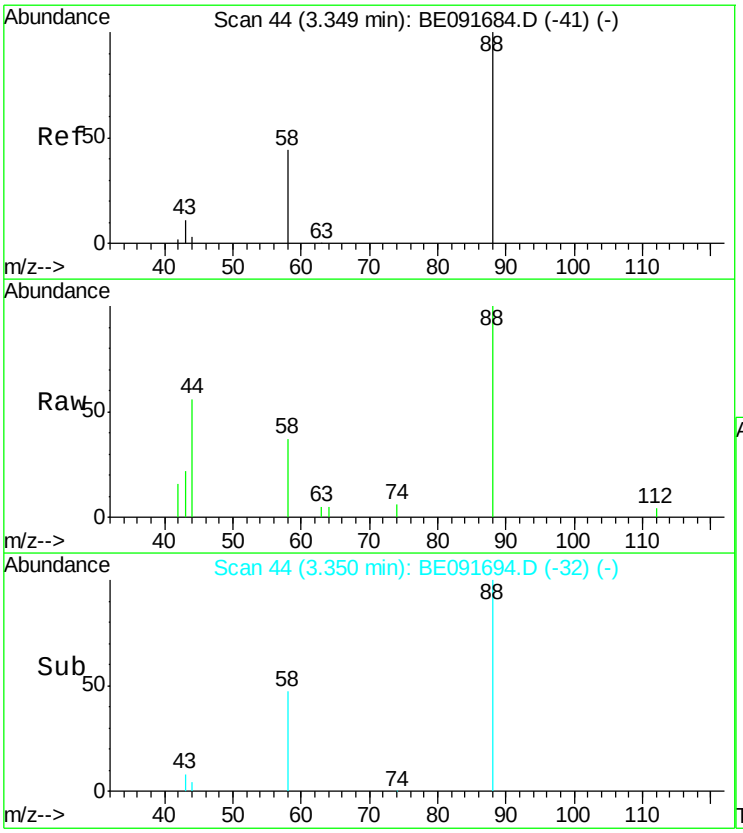
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 30072

Ion	Ratio	Lower	Upper
152	100		
150	164.6	122.6	183.8
115	67.3	52.8	79.2

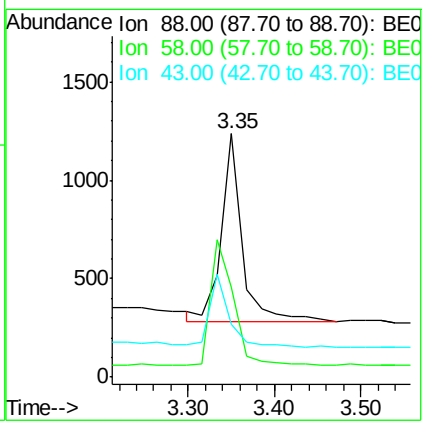


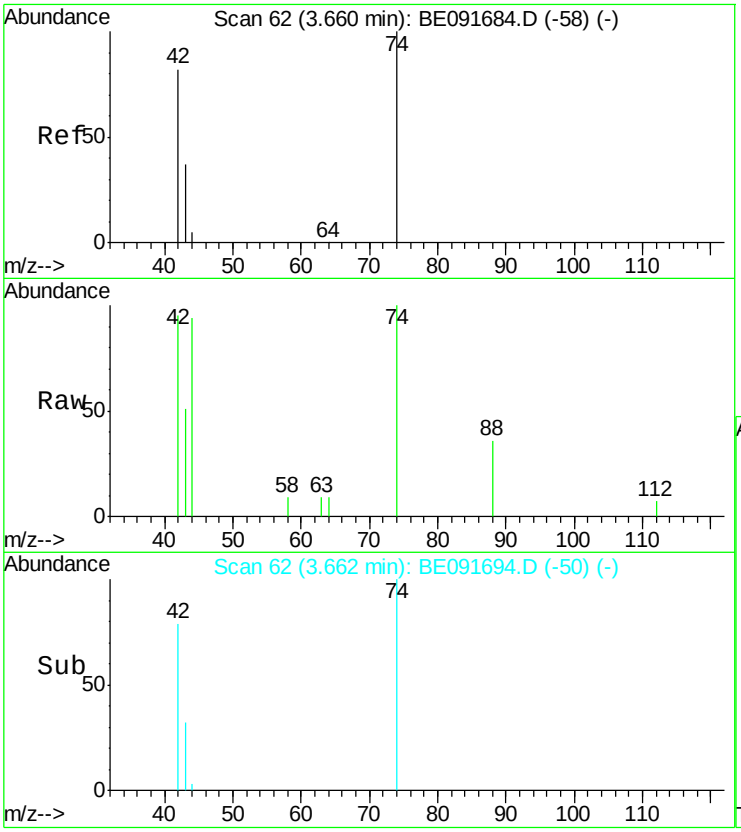


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion: 88 Resp: 1609

Ion	Ratio	Lower	Upper
88	100		
58	73.5	65.8	98.6
43	38.8	25.3	37.9#



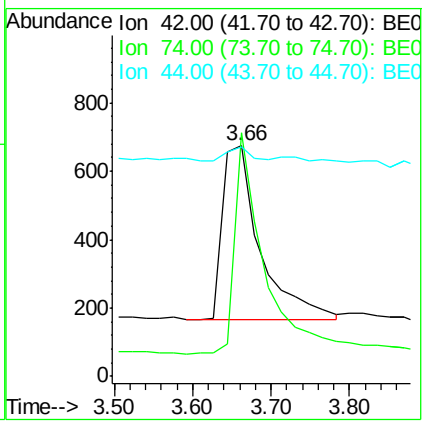


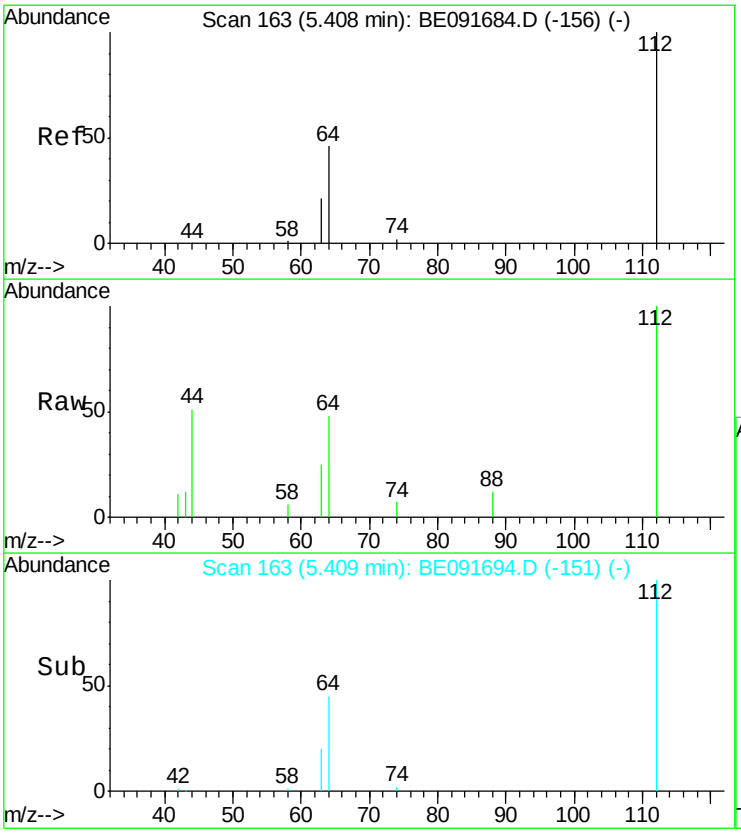
#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.66 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1699

Ion	Ratio	Lower	Upper
42	100		
74	99.5	87.9	131.9
44	4.9	6.6	9.8#

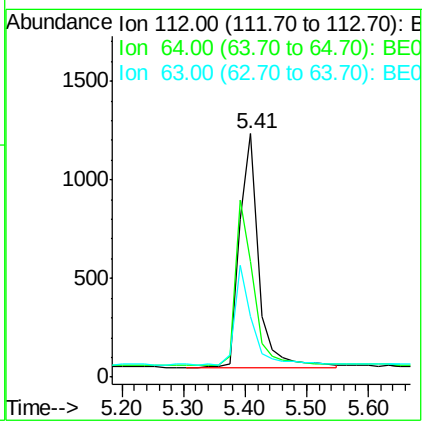


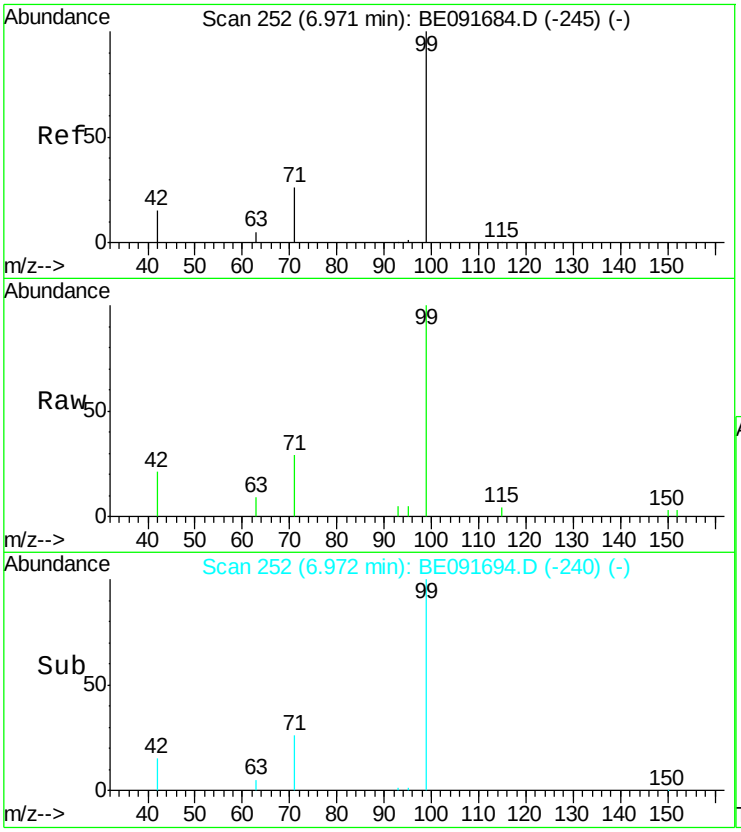


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:112 Resp: 2539

Ion	Ratio	Lower	Upper
112	100		
64	69.0	30.9	46.3#
63	38.5	16.7	25.1#



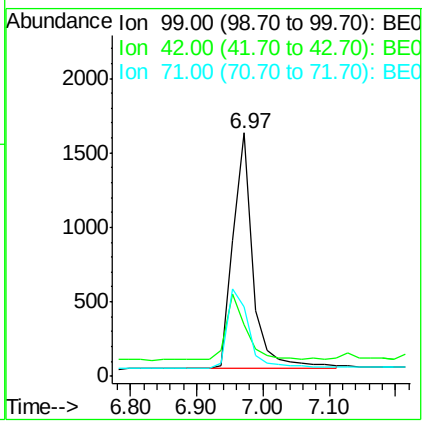


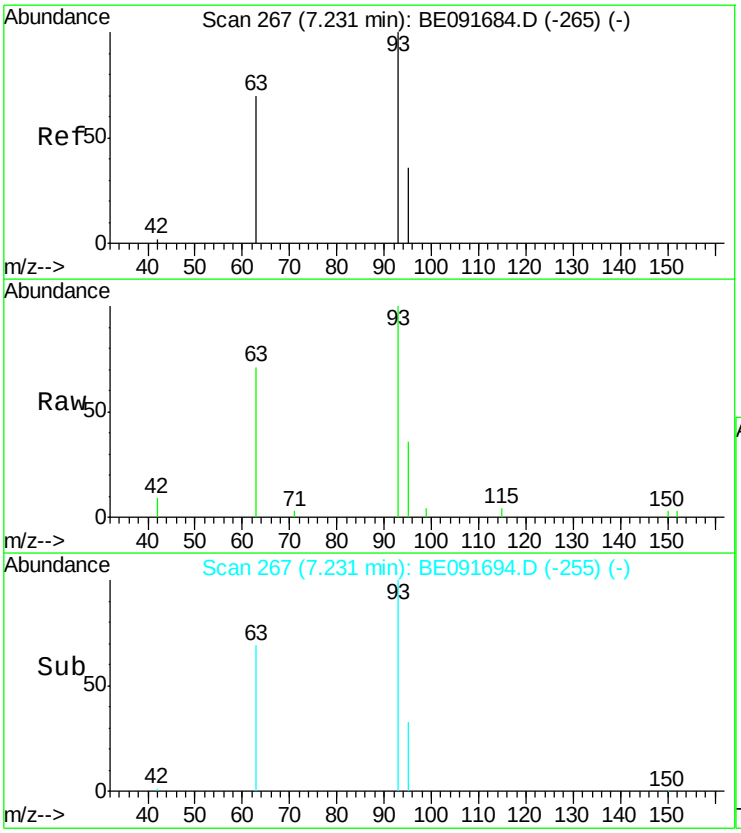
#5
Phenol-d6
Concen: 0.37 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3321

Ion	Ratio	Lower	Upper
99	100		
42	27.2	16.2	24.2#
71	36.2	29.0	43.4

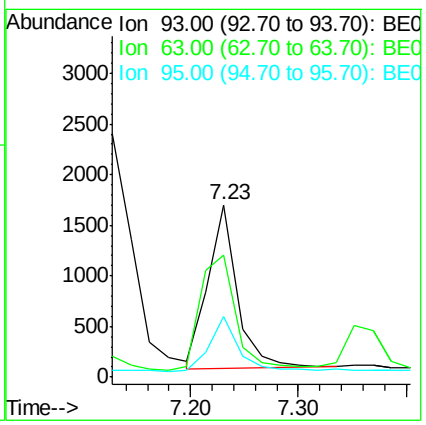


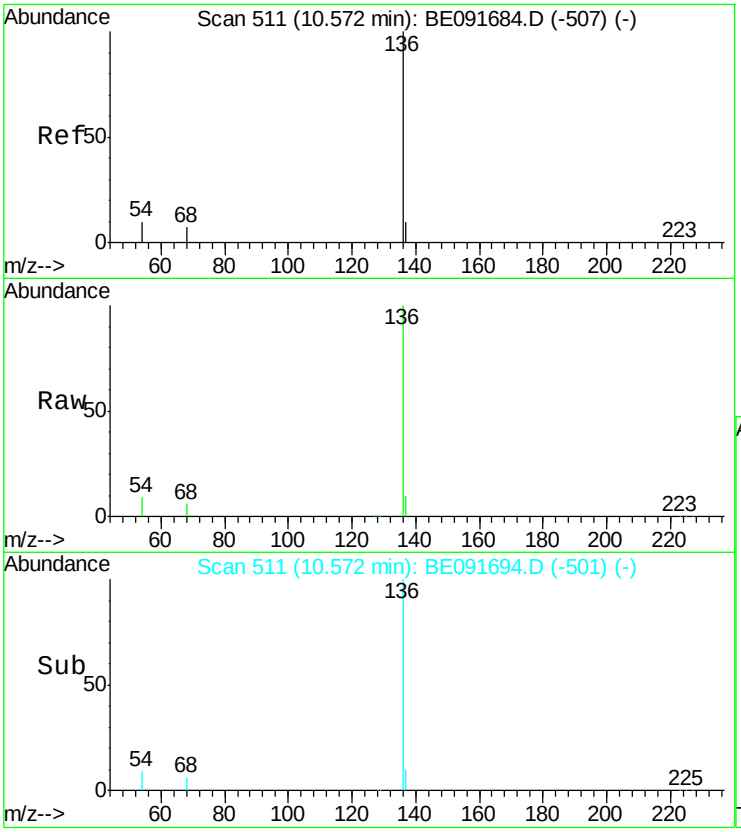


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.23 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion: 93 Resp: 3061

Ion	Ratio	Lower	Upper
93	100		
63	85.3	49.5	74.3#
95	33.6	22.2	33.4#



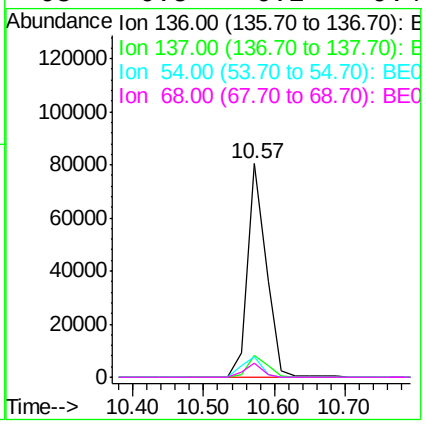


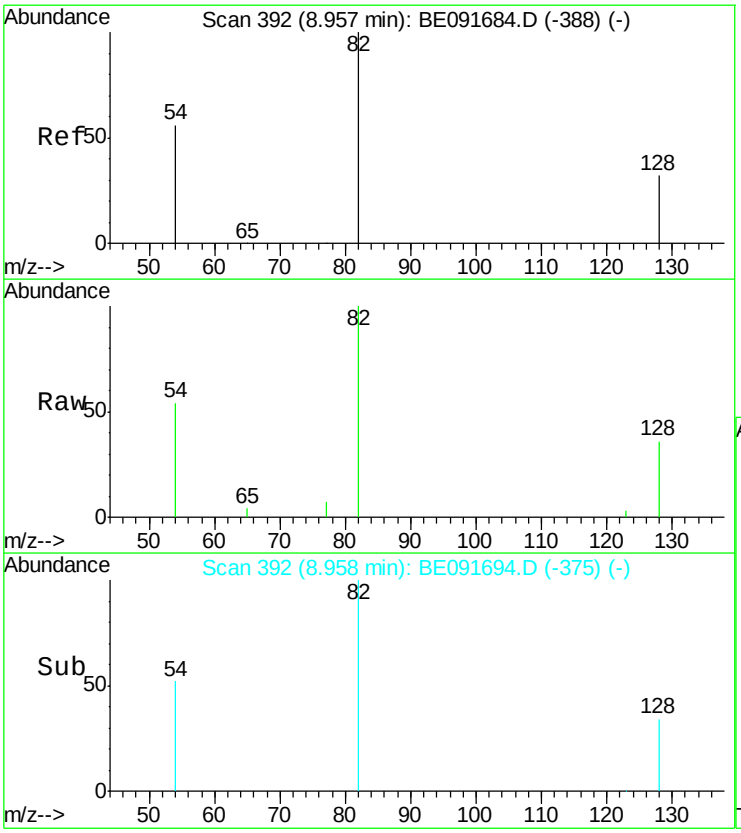
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 148942

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.5	8.2	12.4
68	6.5	6.2	9.4

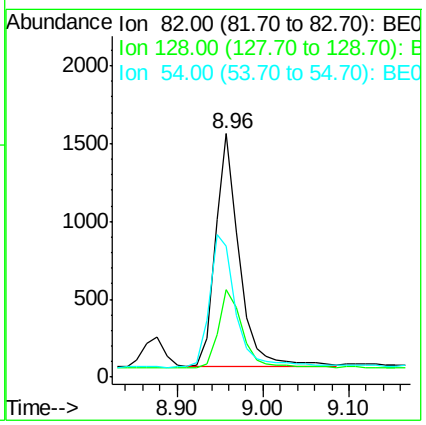


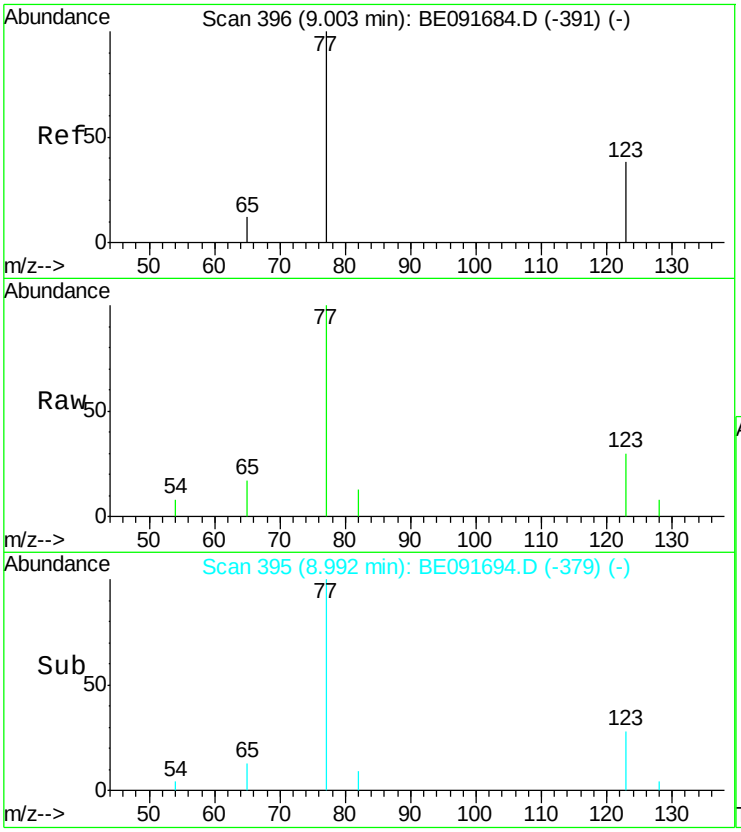


#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion: 82 Resp: 2900

Ion	Ratio	Lower	Upper
82	100		
128	35.8	25.4	38.0
54	53.8	48.4	72.6



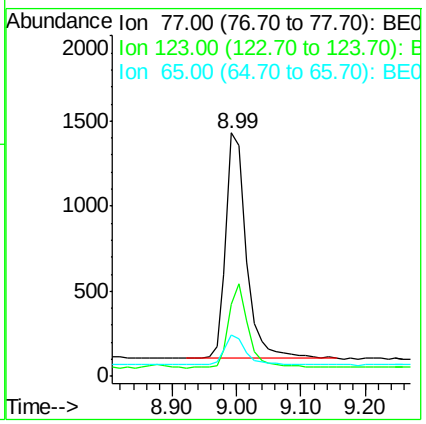


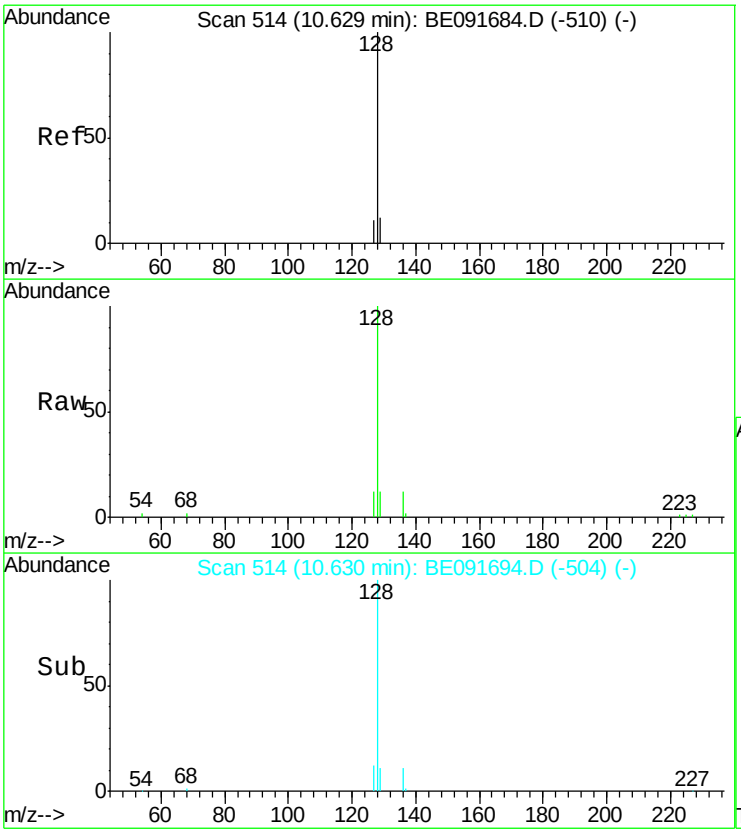
#9
Nitrobenzene
Concen: 0.37 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 77 Resp: 2939

Ion	Ratio	Lower	Upper
77	100		
123	35.7	26.9	40.3
65	13.5	9.4	14.2

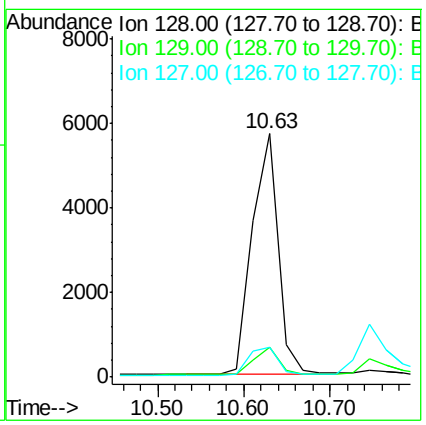


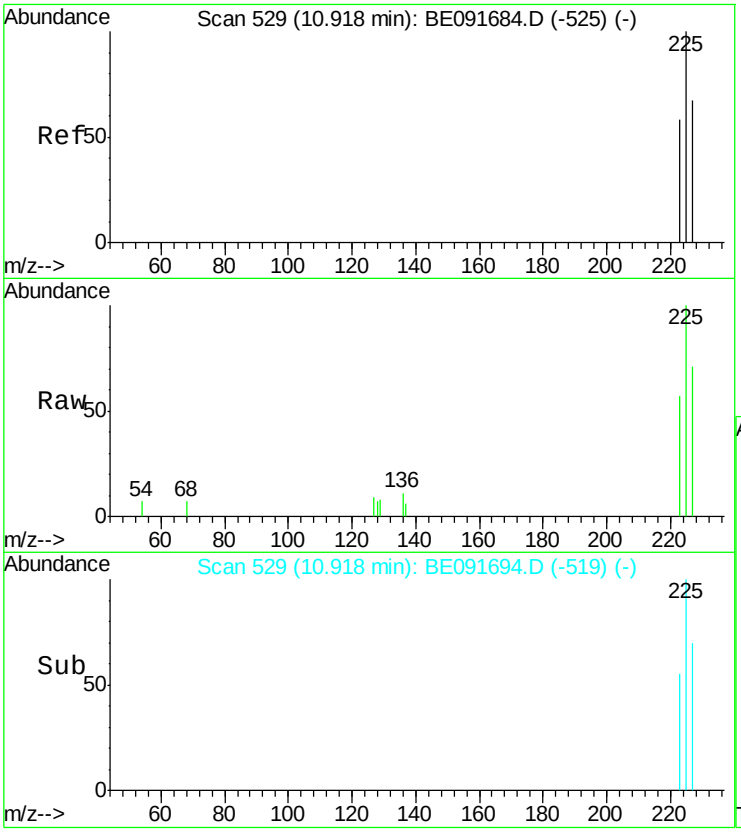


#10
Naphthalene
Concen: 0.39 ng
RT: 10.63 min Scan# 514
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:128 Resp: 11939

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	12.4	10.7	16.1



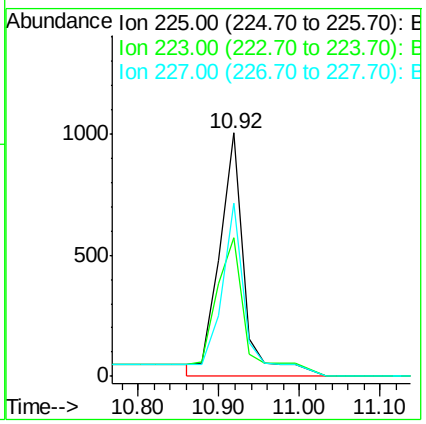


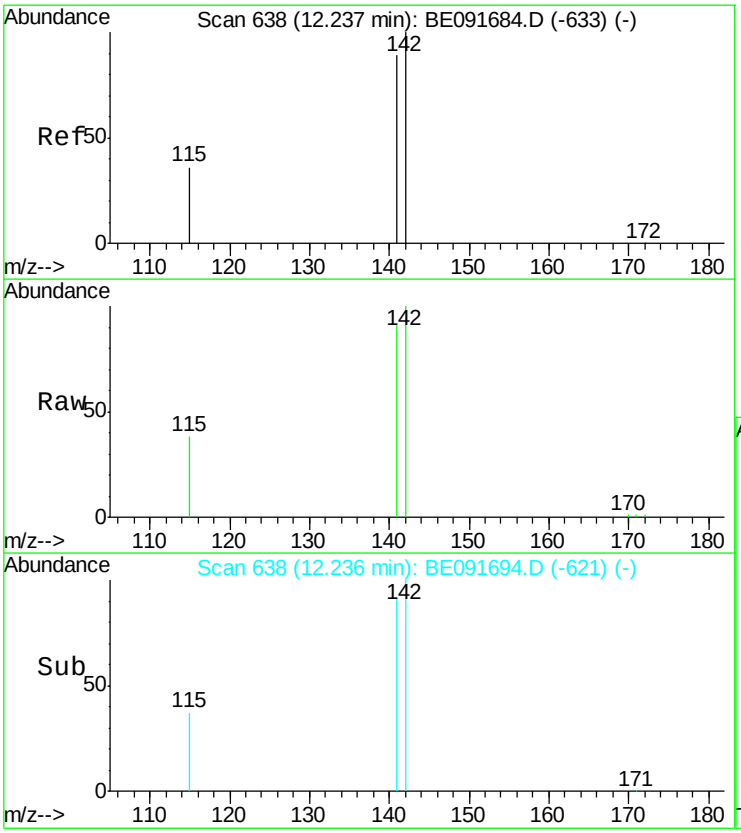
#11
Hexachlorobutadiene
Concen: 0.52 ng
RT: 10.92 min Scan# 529
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:225 Resp: 2274

Ion	Ratio	Lower	Upper
225	100		
223	71.0	49.0	73.6
227	70.7	50.3	75.5

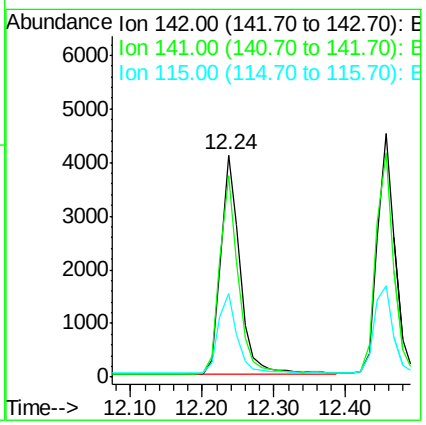


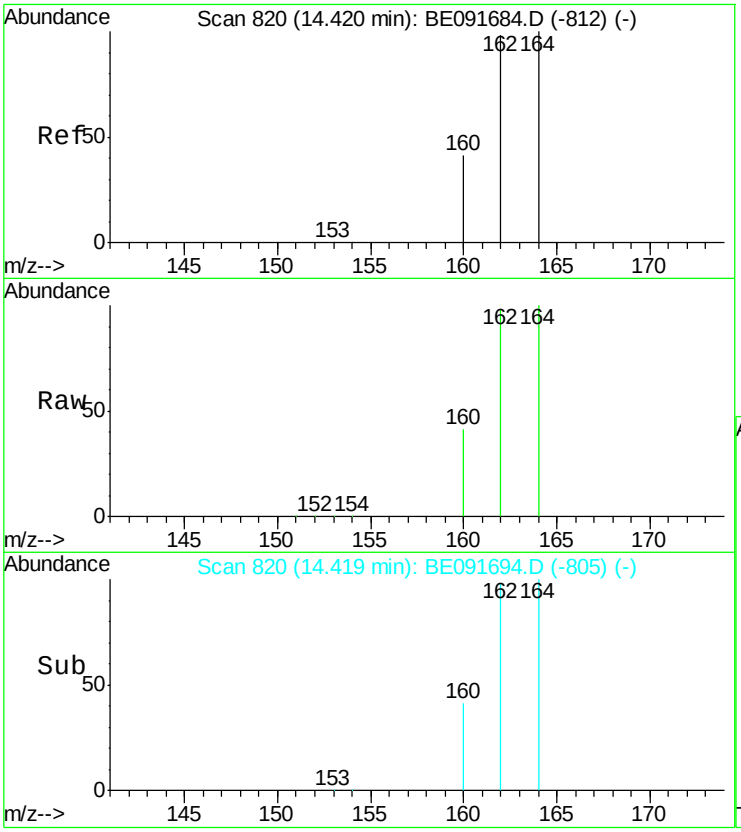


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:142 Resp: 7552

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.0
115	37.8	30.3	45.5



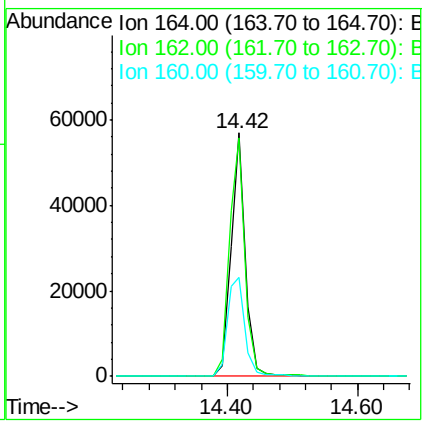


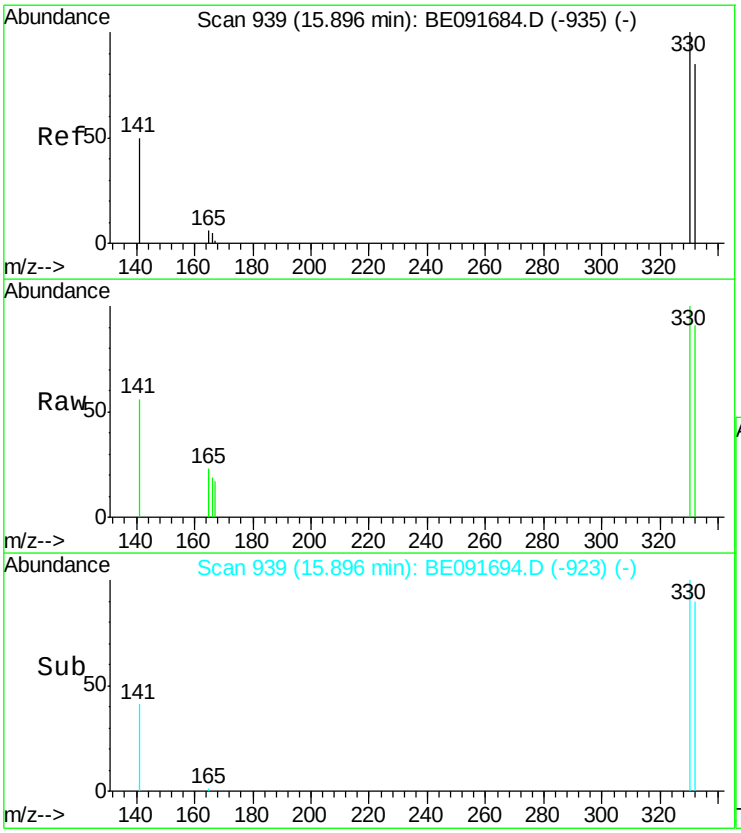
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 88909

Ion	Ratio	Lower	Upper
164	100		
162	97.9	85.3	127.9
160	40.7	46.2	69.2#

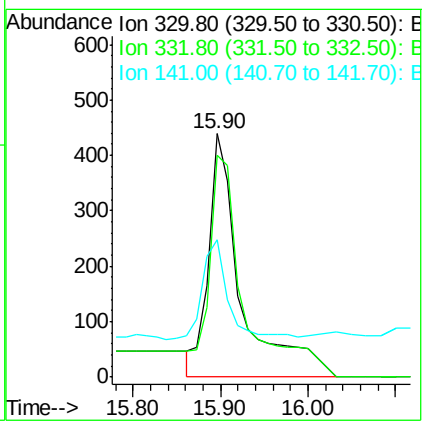


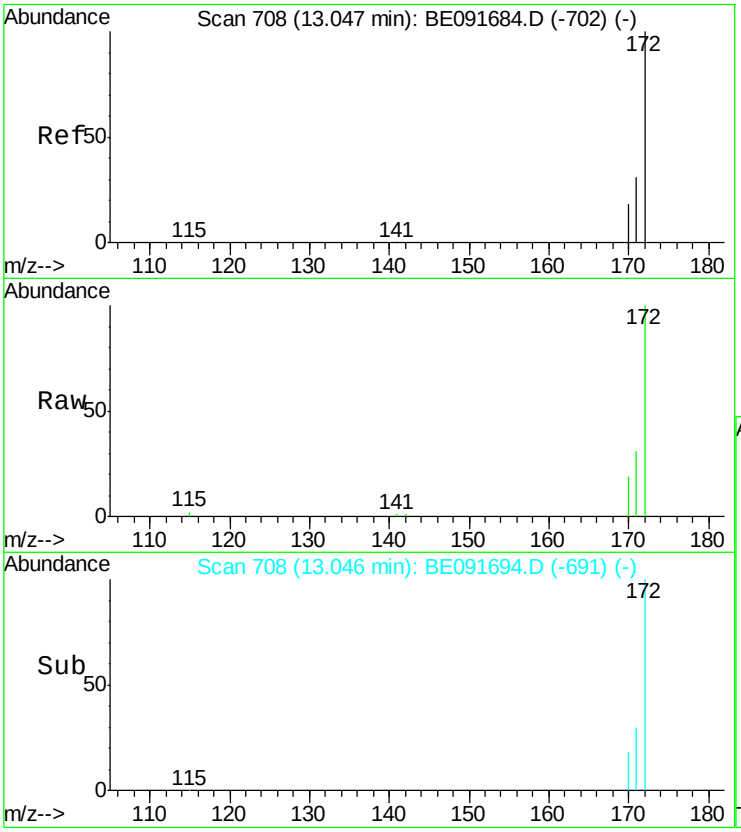


#14
2,4,6-Tribromophenol
Concen: 0.62 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:330 Resp: 1252

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	28.5	125.4	188.0#



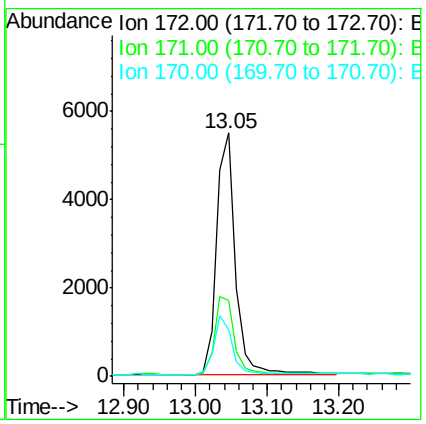


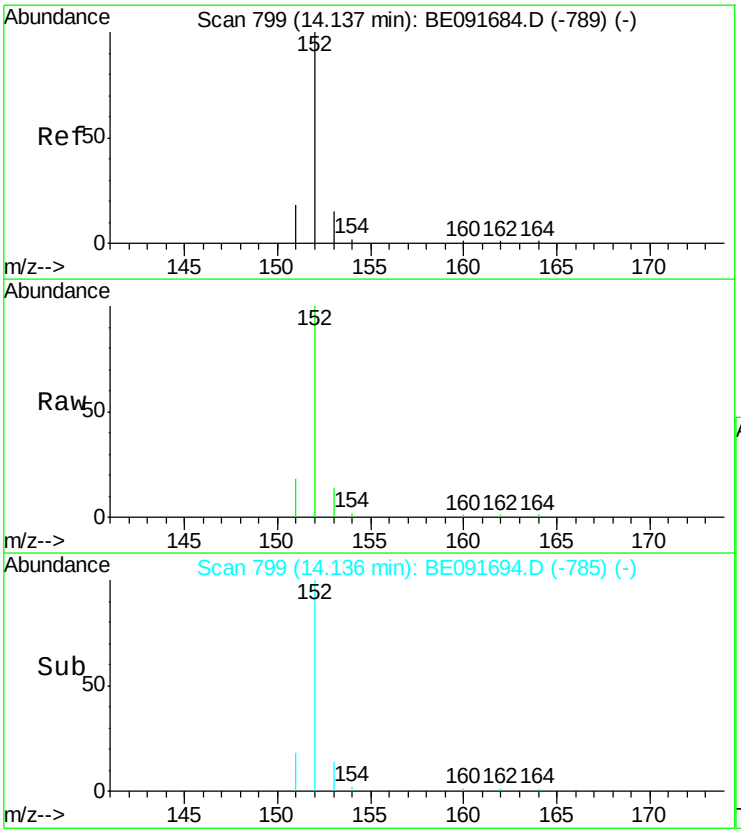
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 9911

Ion	Ratio	Lower	Upper
172	100		
171	31.0	28.8	43.2
170	19.1	19.3	28.9#

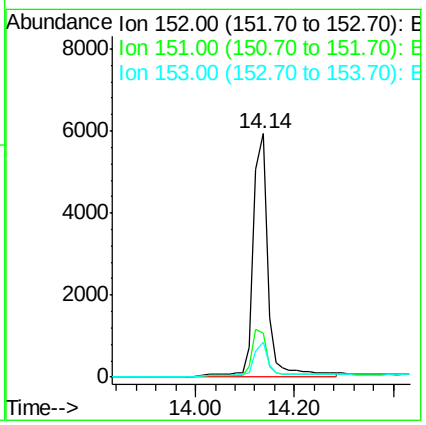


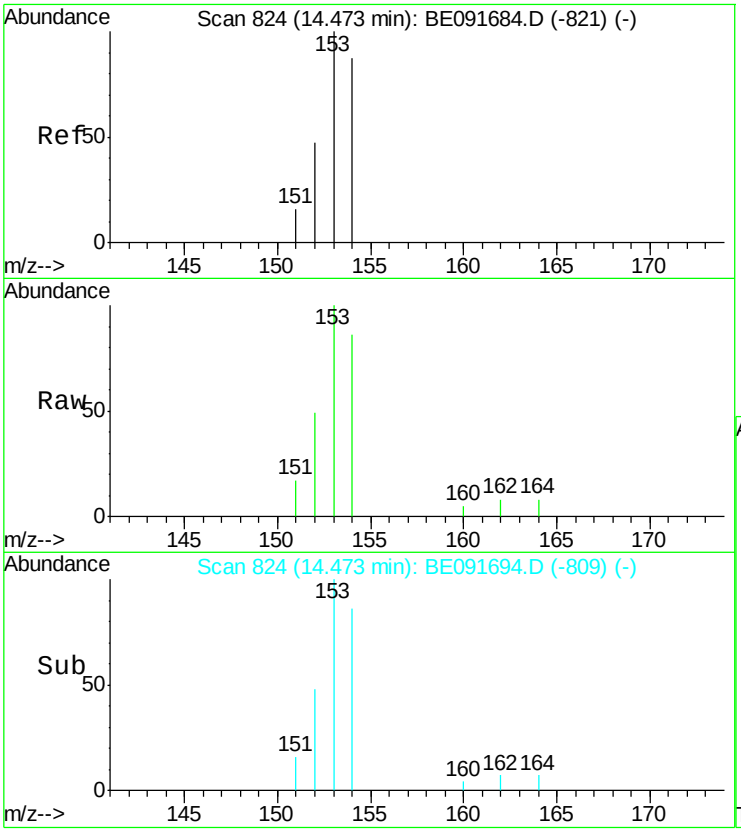


#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:152 Resp: 13153

Ion	Ratio	Lower	Upper
152	100		
151	25.0	3.9	5.9#
153	18.7	10.3	15.5#



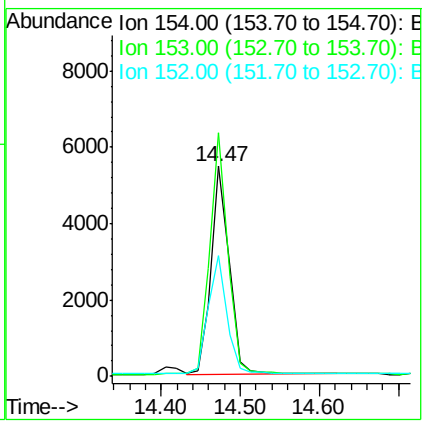


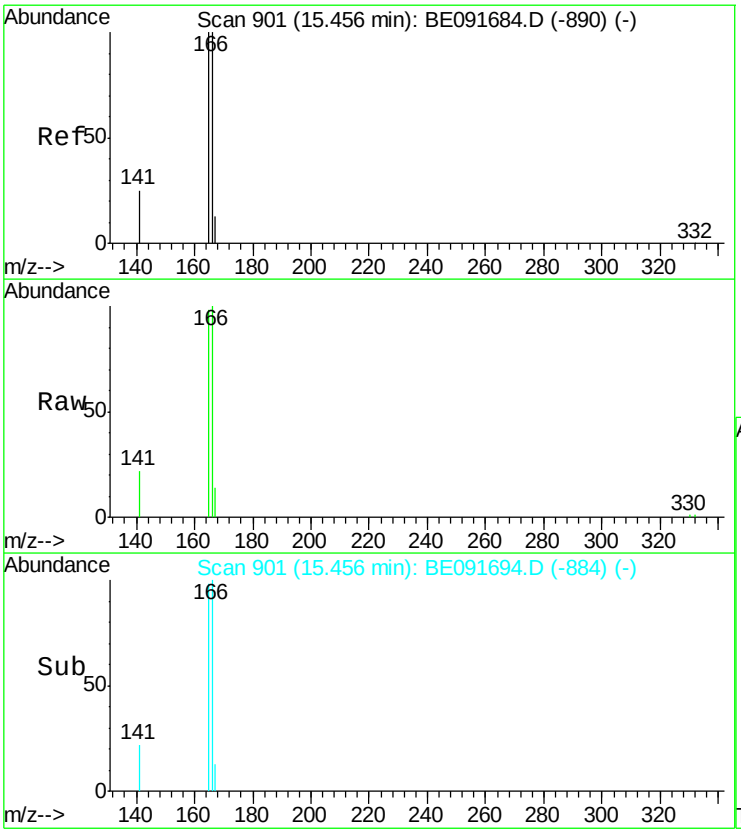
#17
Acenaphthene
Concen: 0.39 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8598

Ion	Ratio	Lower	Upper
154	100		
153	117.2	80.0	120.0
152	58.4	40.0	60.0

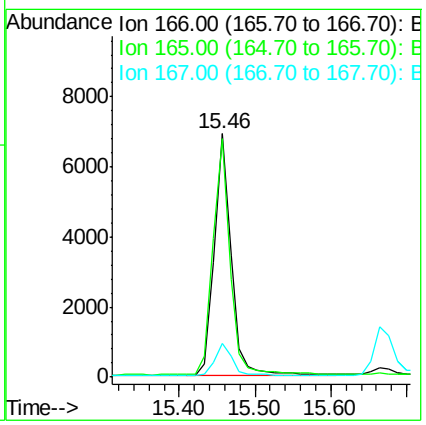


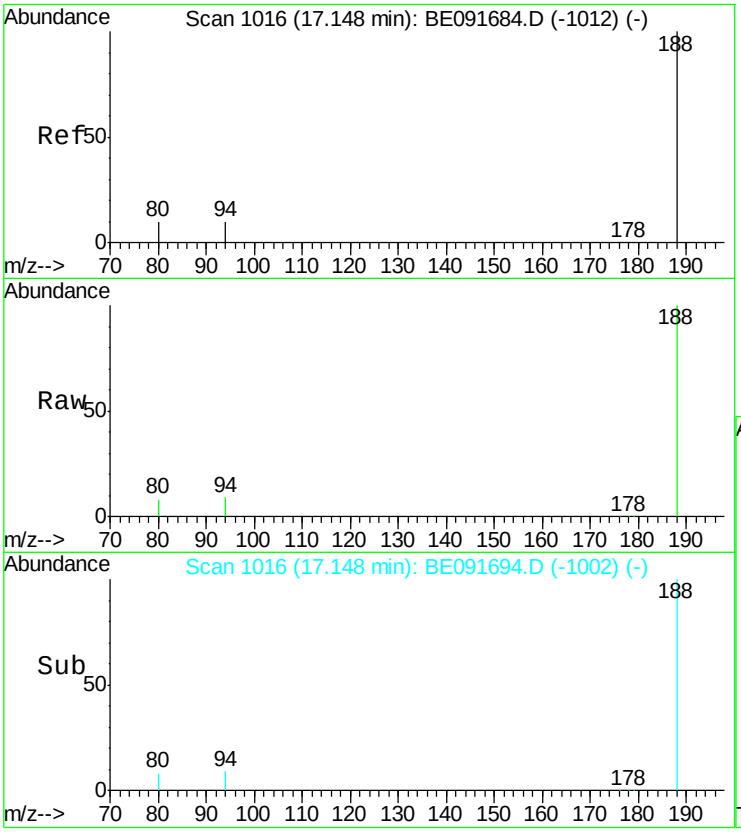


#18
Fluorene
Concen: 0.40 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:166 Resp: 10728

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	13.3	10.9	16.3



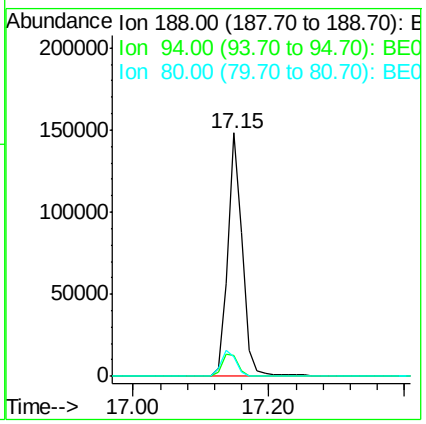


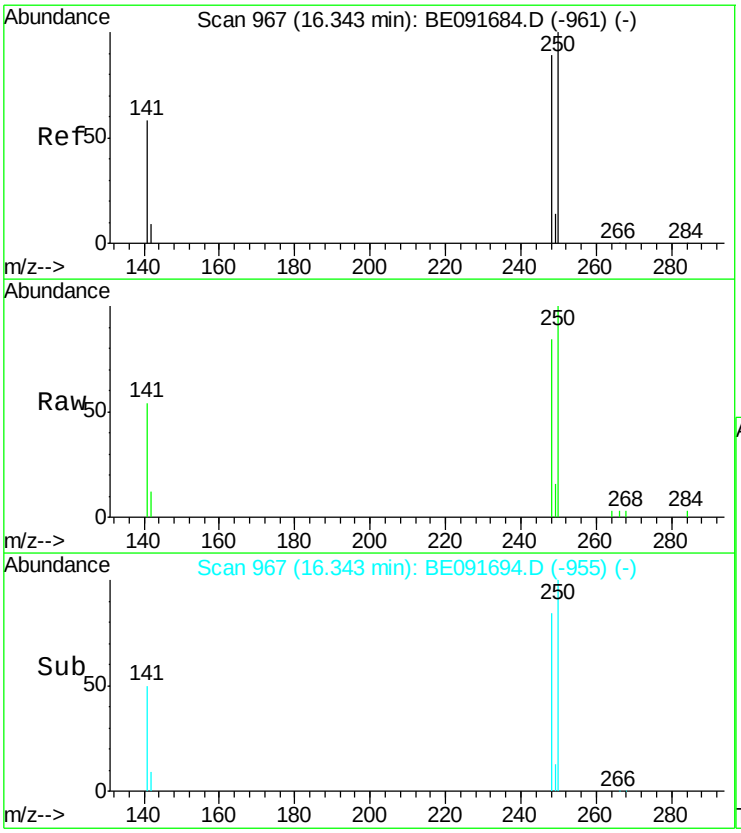
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 225290

Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.7	13.1#
80	8.2	9.4	14.0#

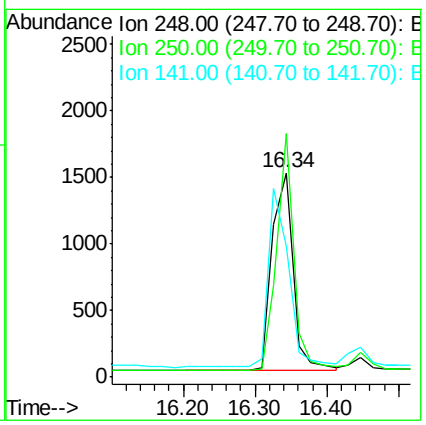


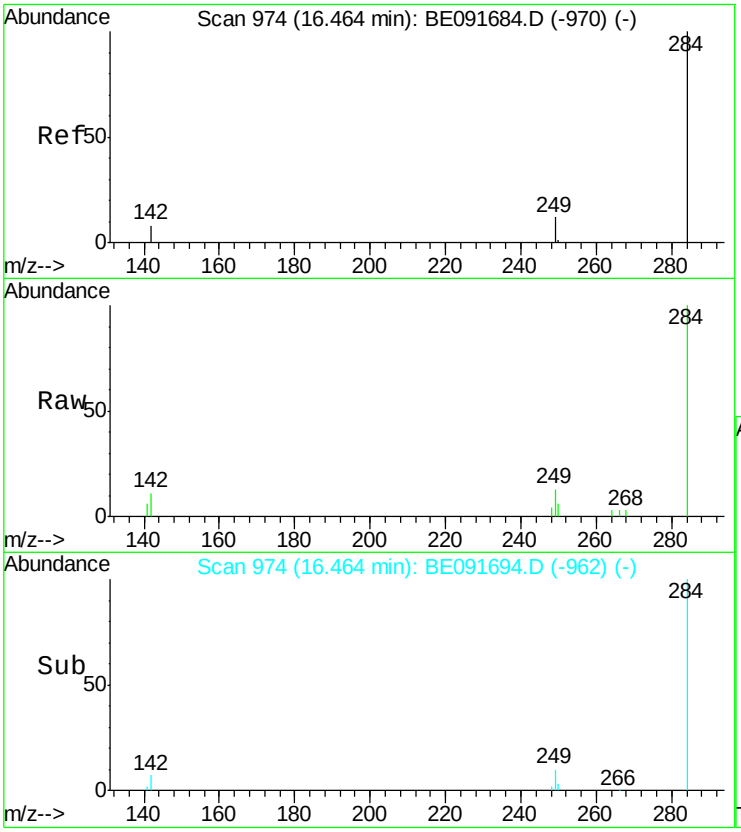


#20
4-Bromophenyl-phenylether
Concen: 0.40 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:248 Resp: 3040

Ion	Ratio	Lower	Upper
248	100		
250	97.1	80.5	120.7
141	86.9	72.0	108.0



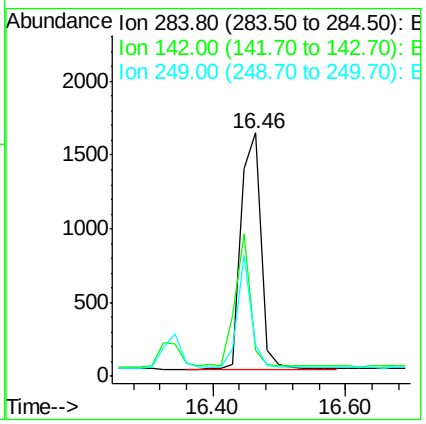


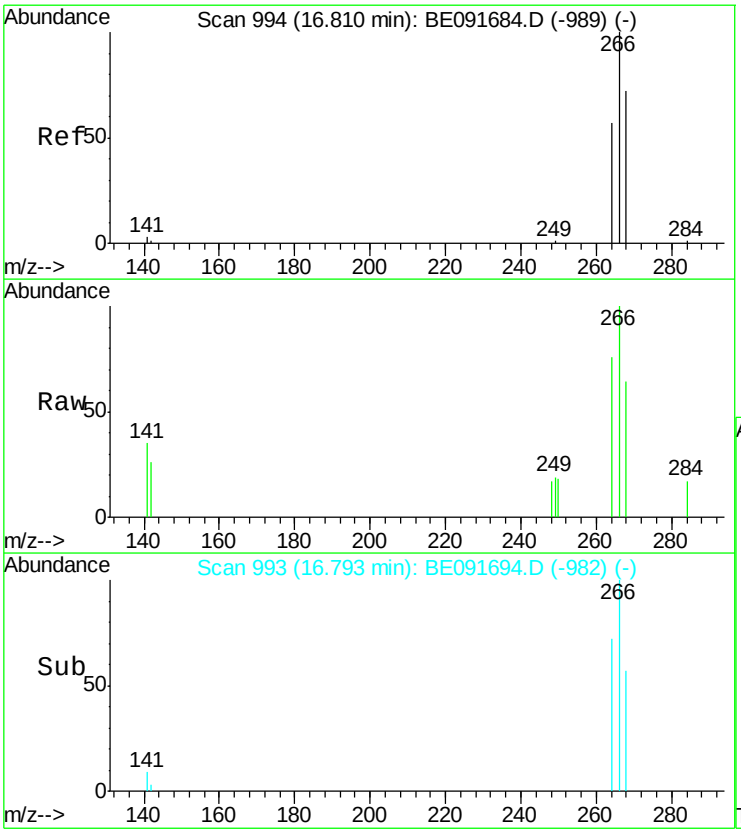
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 3302

Ion	Ratio	Lower	Upper
284	100		
142	43.5	32.2	48.2
249	33.2	25.4	38.2

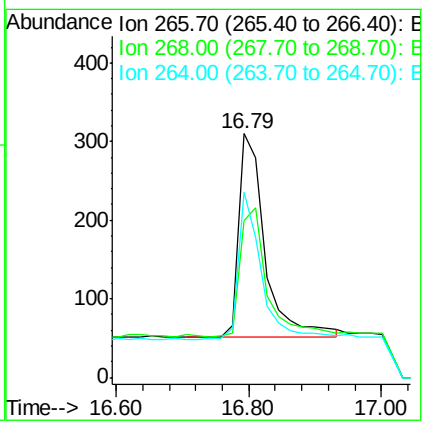


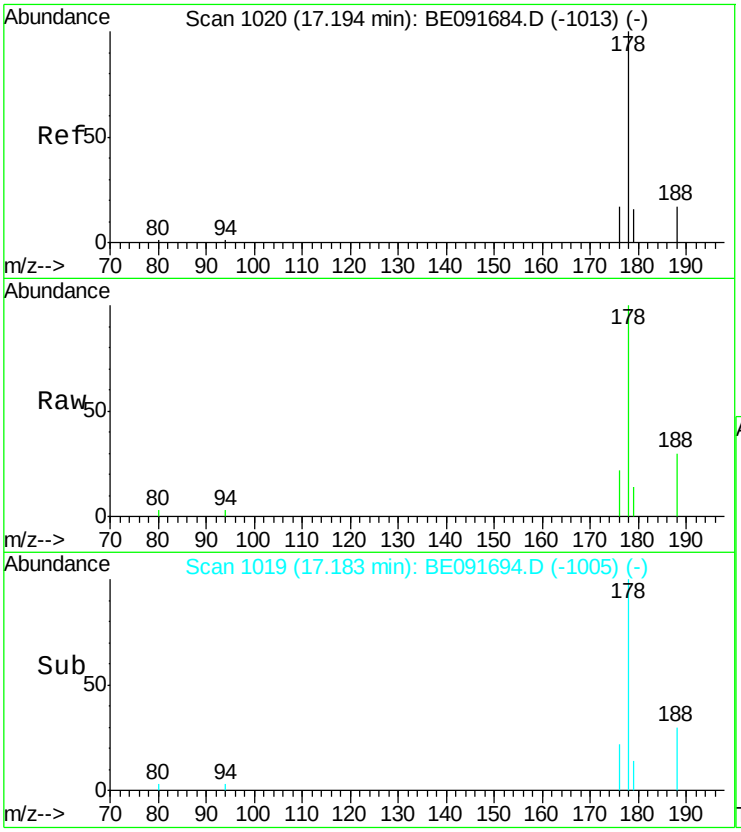


#22
Pentachlorophenol
Concen: 0.39 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:266 Resp: 712

Ion	Ratio	Lower	Upper
266	100		
268	64.2	58.2	87.2
264	76.1	56.2	84.4



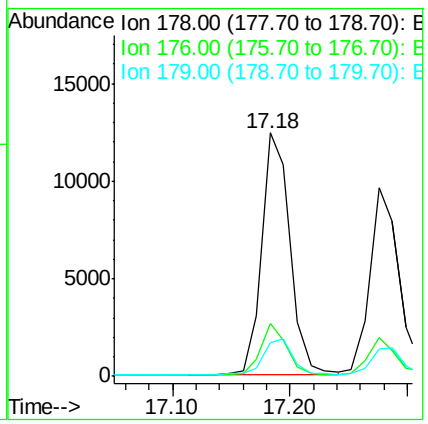


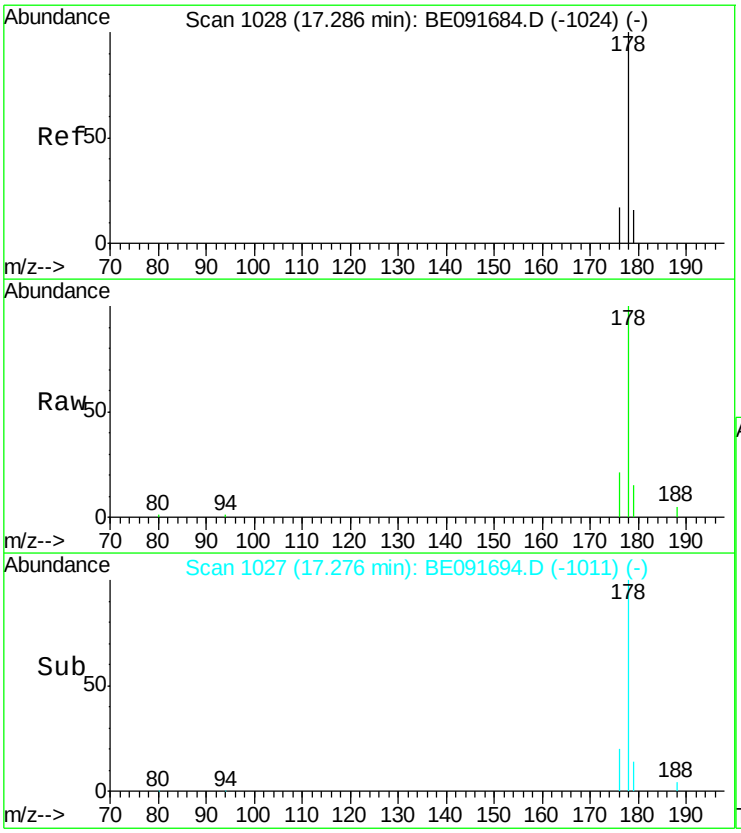
#23
Phenanthrene
Concen: 0.41 ng
RT: 17.18 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20930

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	16.0	12.6	18.8

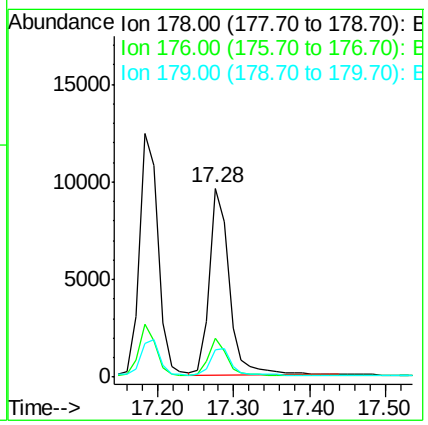


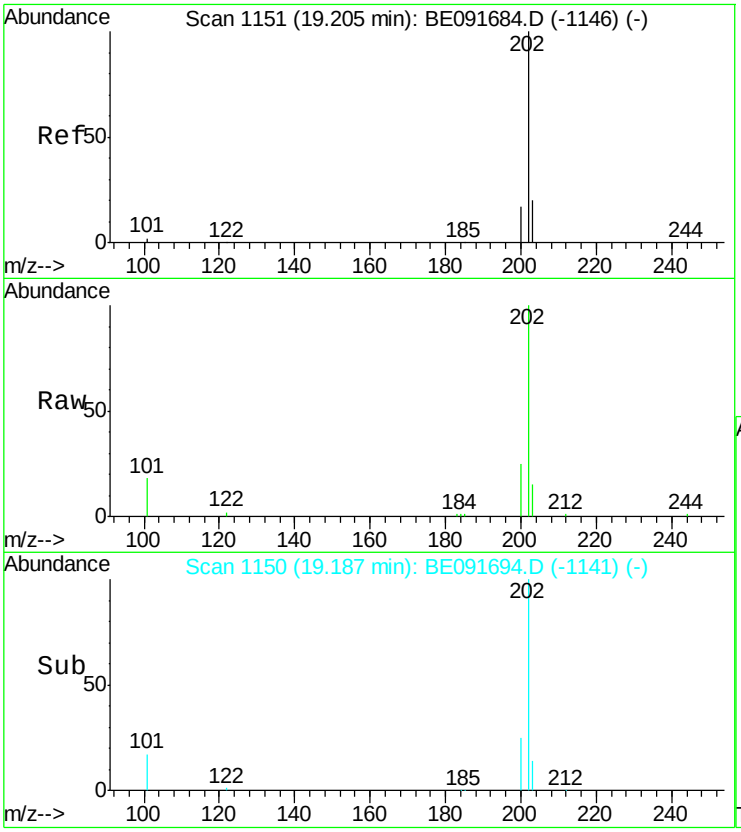


#24
Anthracene
Concen: 0.38 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:178 Resp: 17239

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.3	11.8	17.6



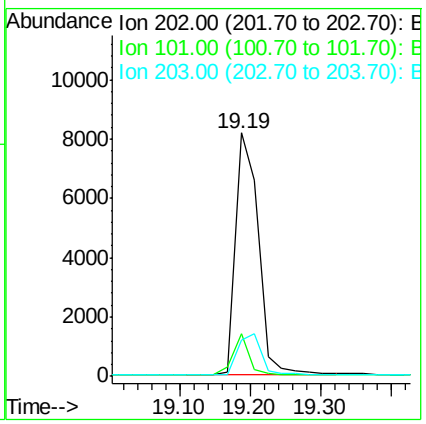


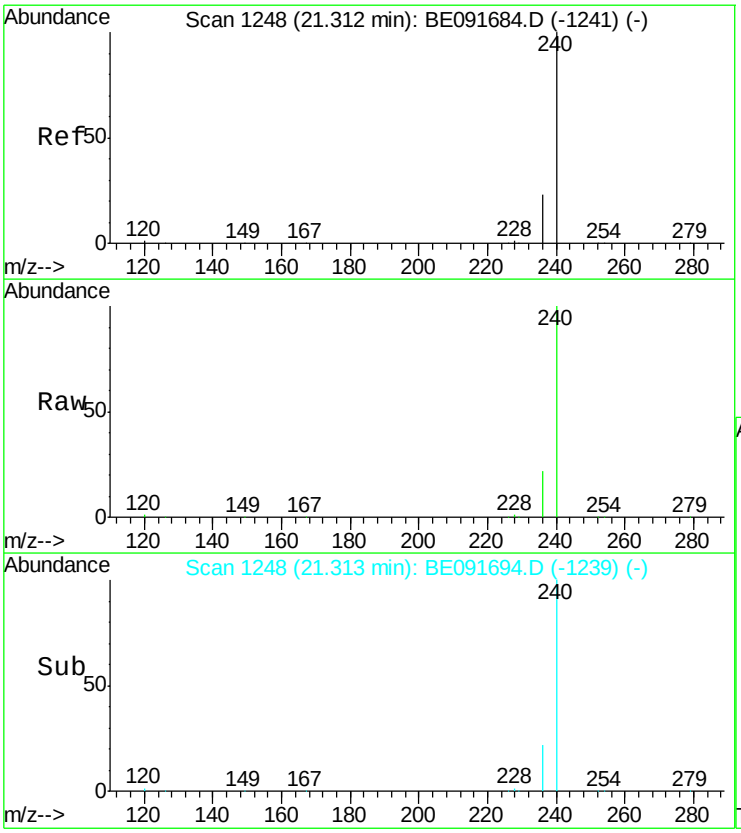
#25
Fluoranthene
Concen: 0.37 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 18382

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.6
203	17.4	13.9	20.9

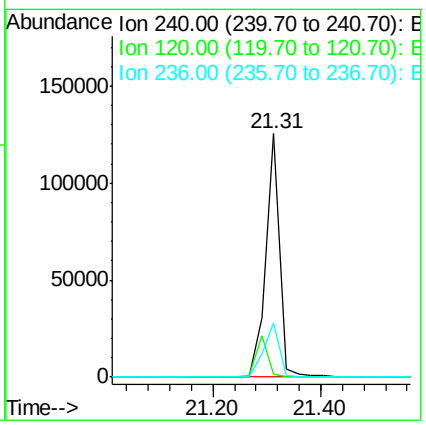


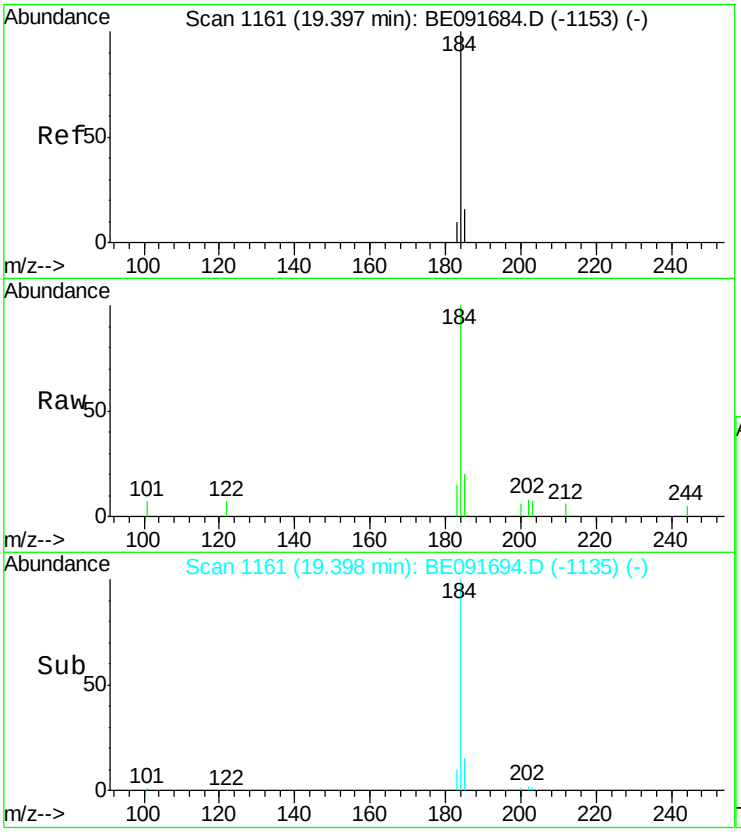


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:240 Resp: 226219

Ion	Ratio	Lower	Upper
240	100		
120	1.1	11.0	16.4#
236	22.2	21.7	32.5



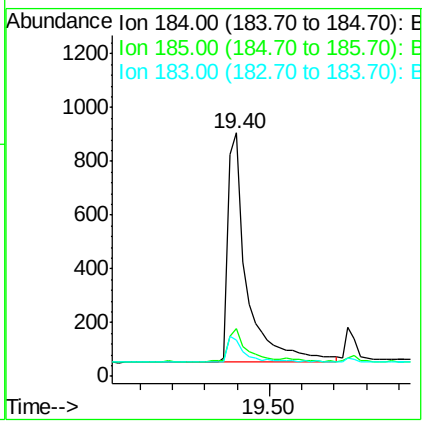


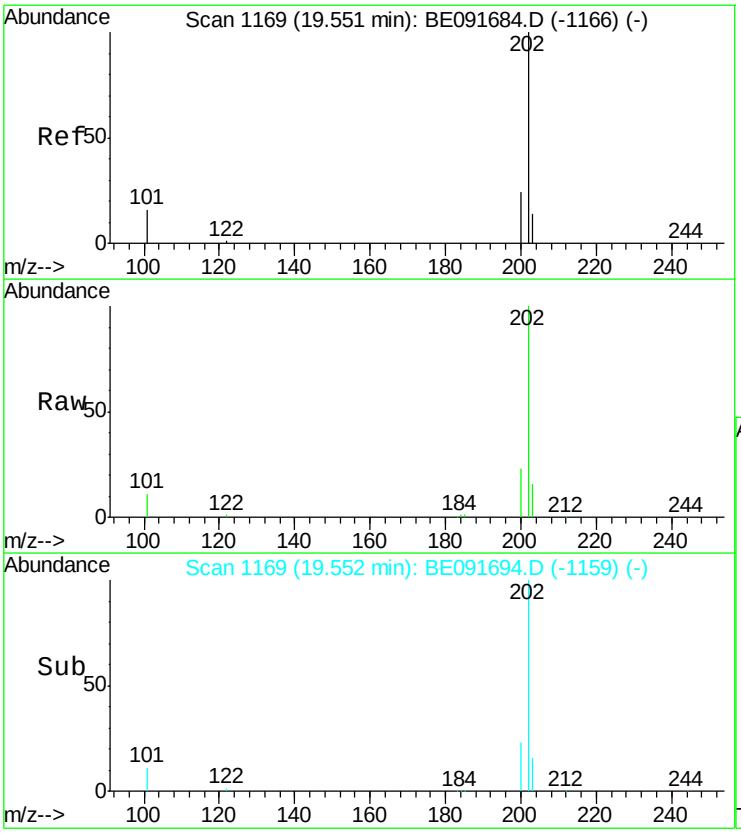
#27
Benzidine
Concen: 0.43 ng
RT: 19.40 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:184 Resp: 3394

Ion	Ratio	Lower	Upper
184	100		
185	19.6	22.3	33.5#
183	15.1	16.4	24.6#

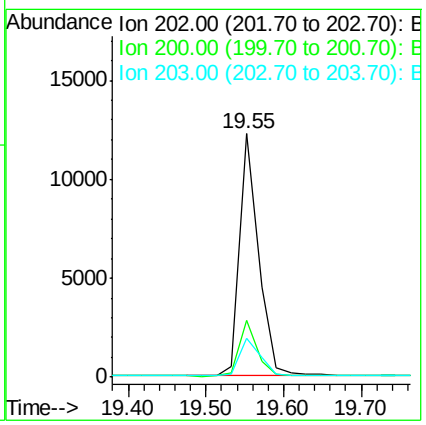


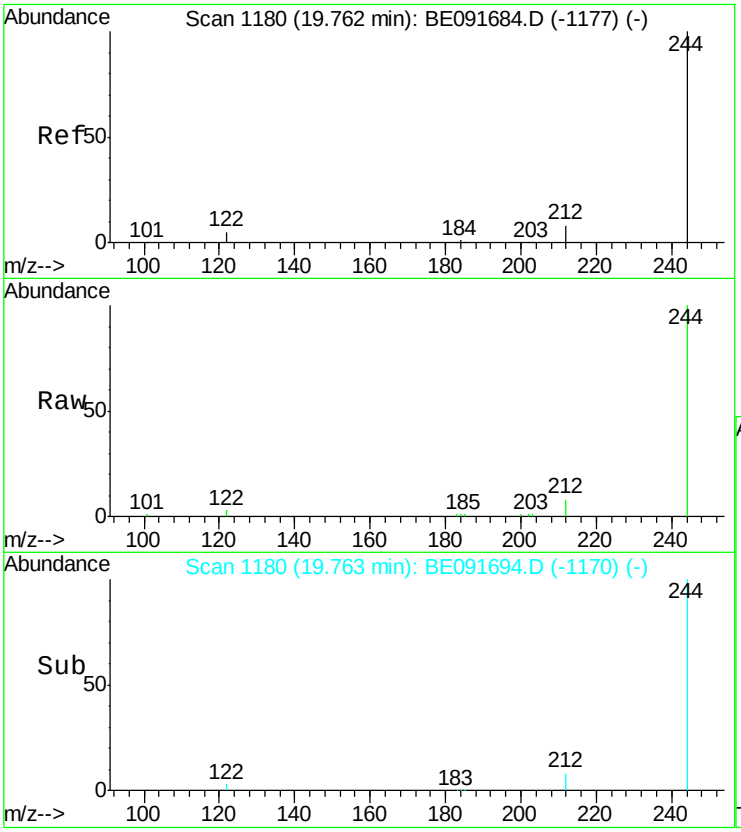


#28
Pyrene
Concen: 0.40 ng
RT: 19.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:202 Resp: 20645

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	17.1	14.0	21.0



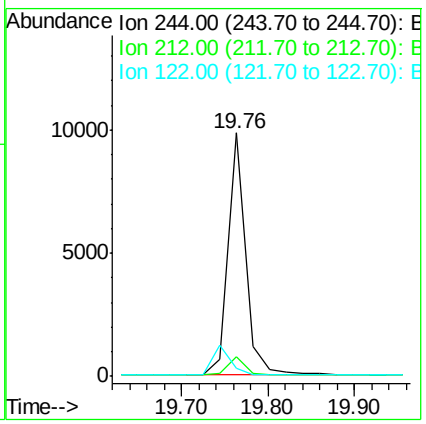


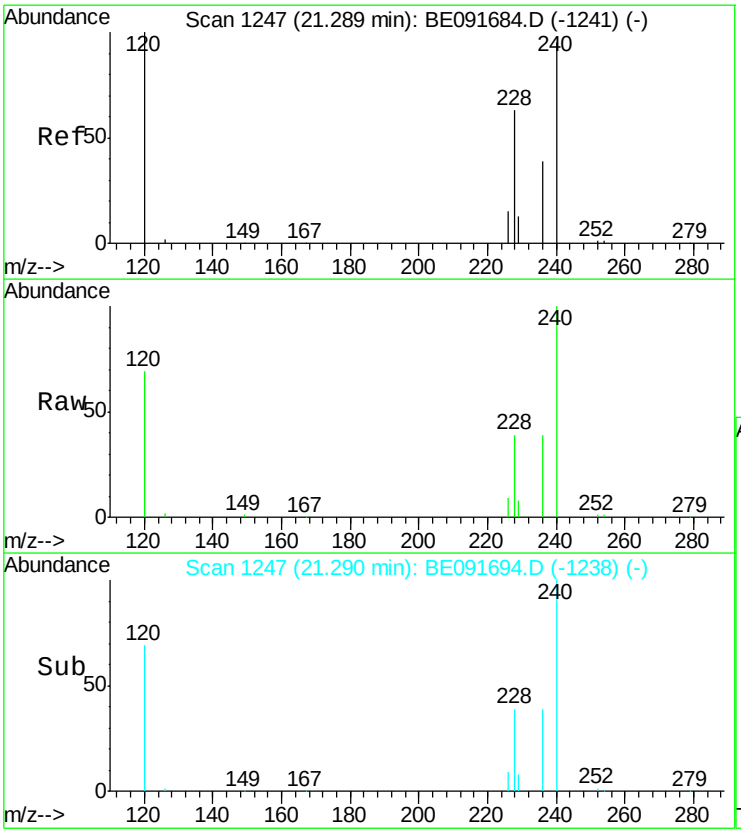
#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 13923

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	3.4	11.0	16.4#

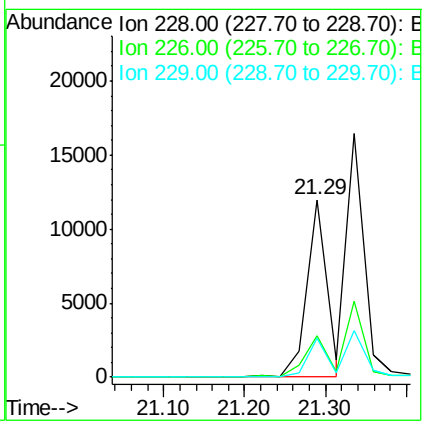


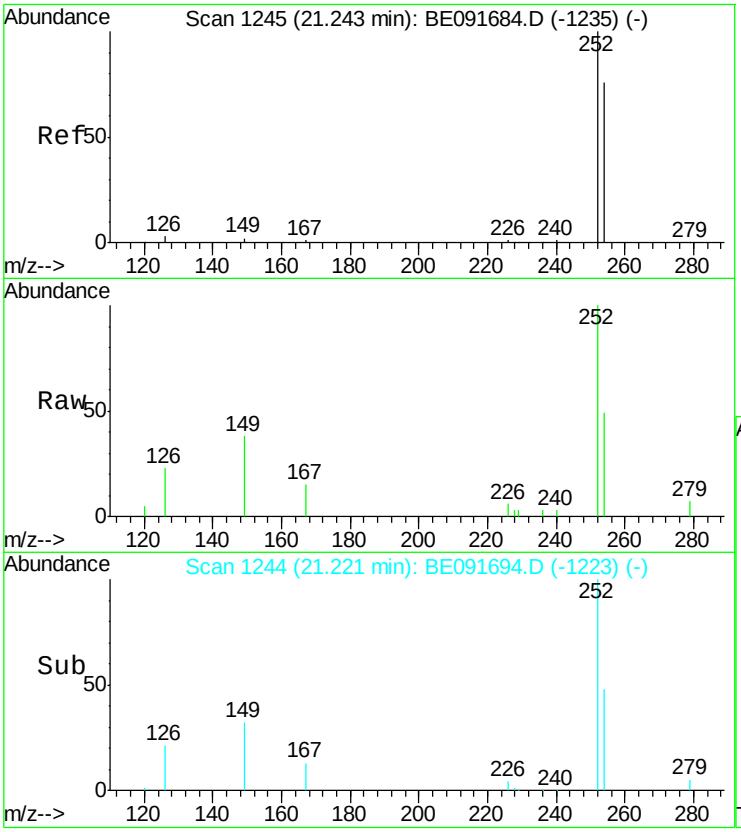


#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:228 Resp: 20344

Ion	Ratio	Lower	Upper
228	100		
226	23.1	21.0	31.4
229	21.6	15.7	23.5



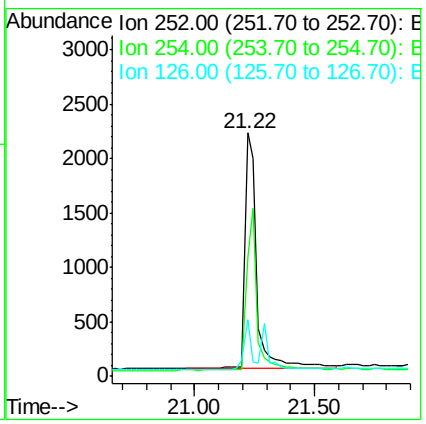


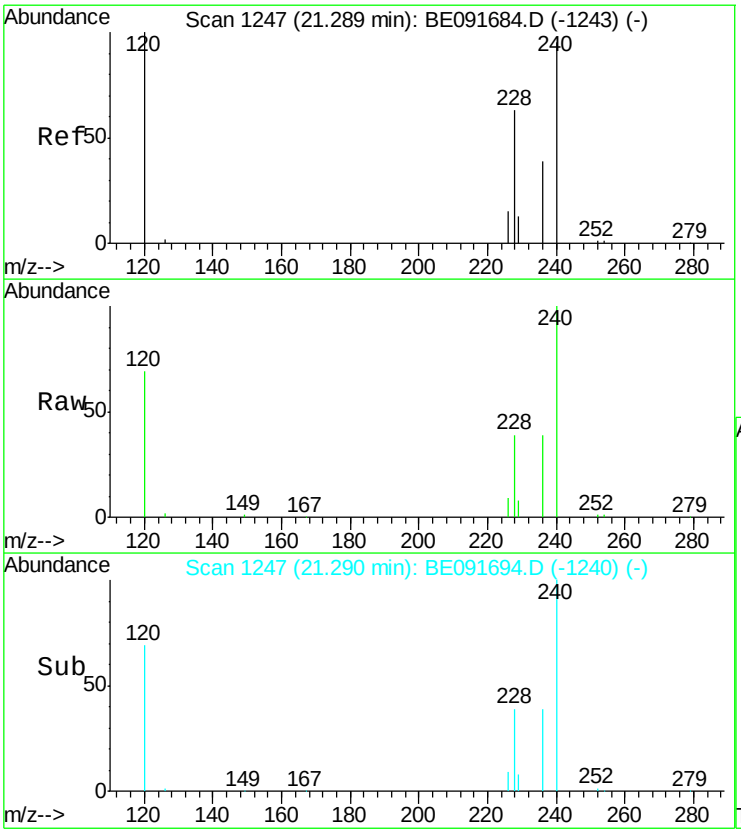
#31
3,3'-Dichlorobenzidine
Concen: 0.43 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 7309

Ion	Ratio	Lower	Upper
252	100		
254	48.9	51.1	76.7#
126	23.1	12.6	18.8#

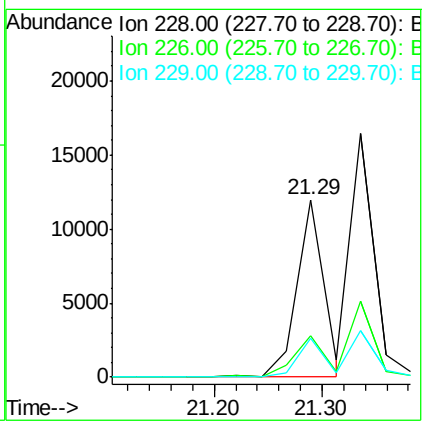


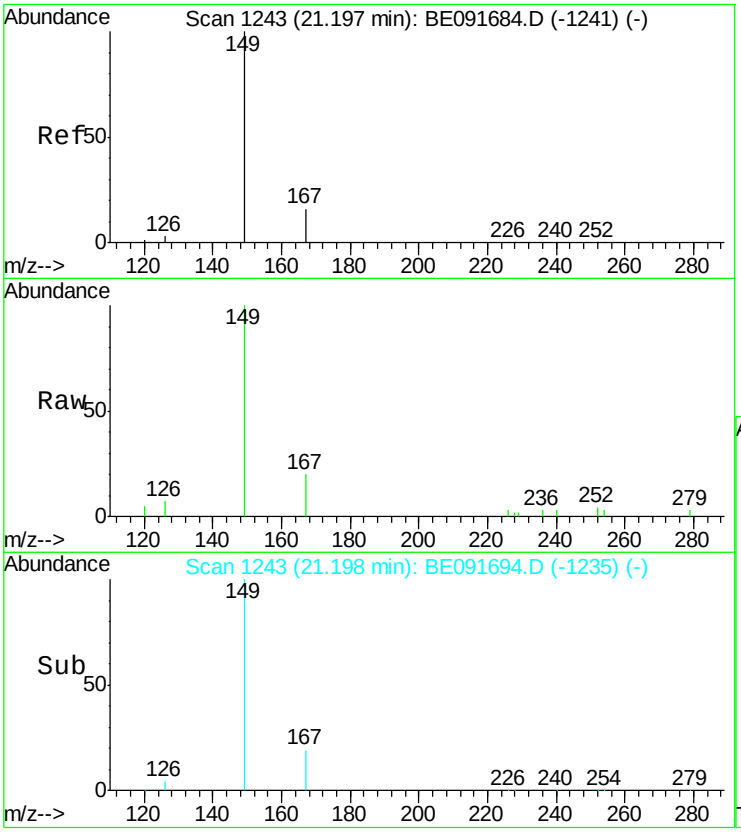


#32
Chrysene
Concen: 0.34 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:228 Resp: 20332

Ion	Ratio	Lower	Upper
228	100		
226	23.1	24.0	36.0#
229	21.6	15.9	23.9



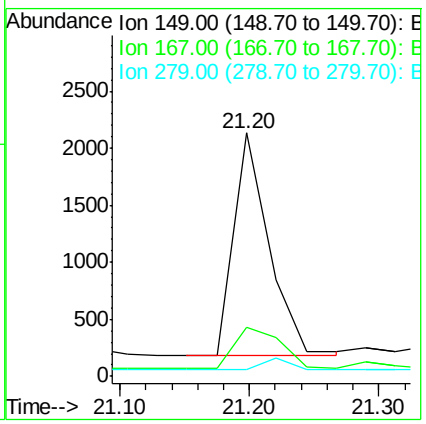


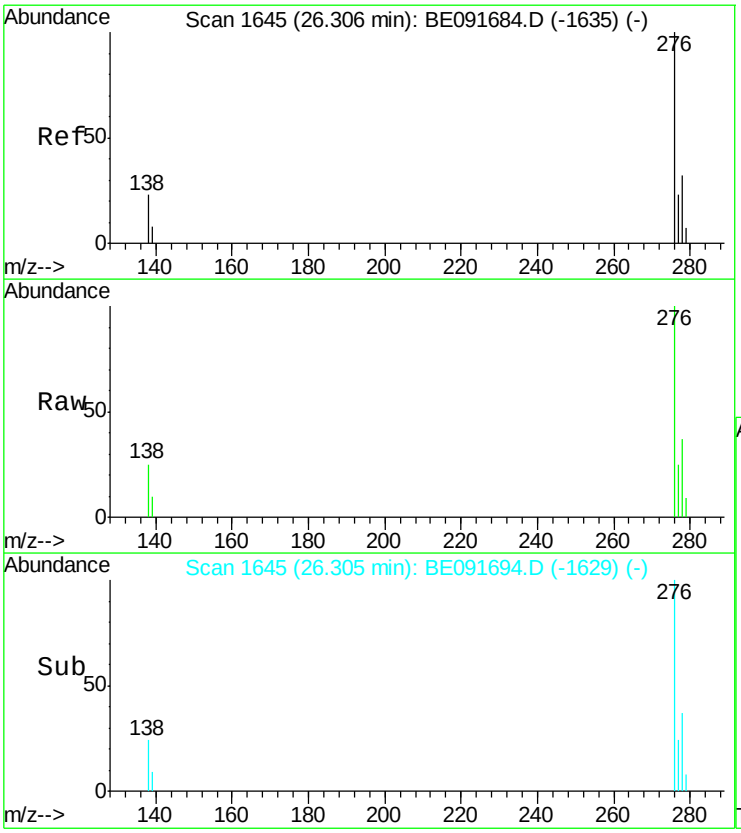
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.43 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 3696

Ion	Ratio	Lower	Upper
149	100		
167	25.1	19.5	29.3
279	0.0	10.0	15.0#

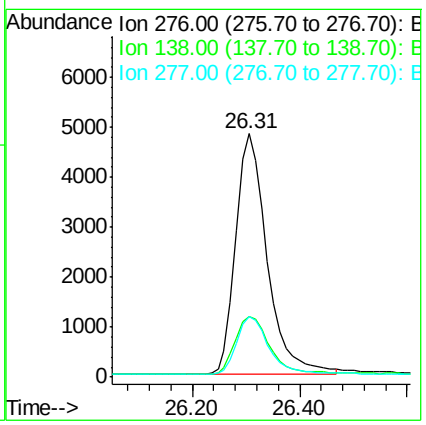


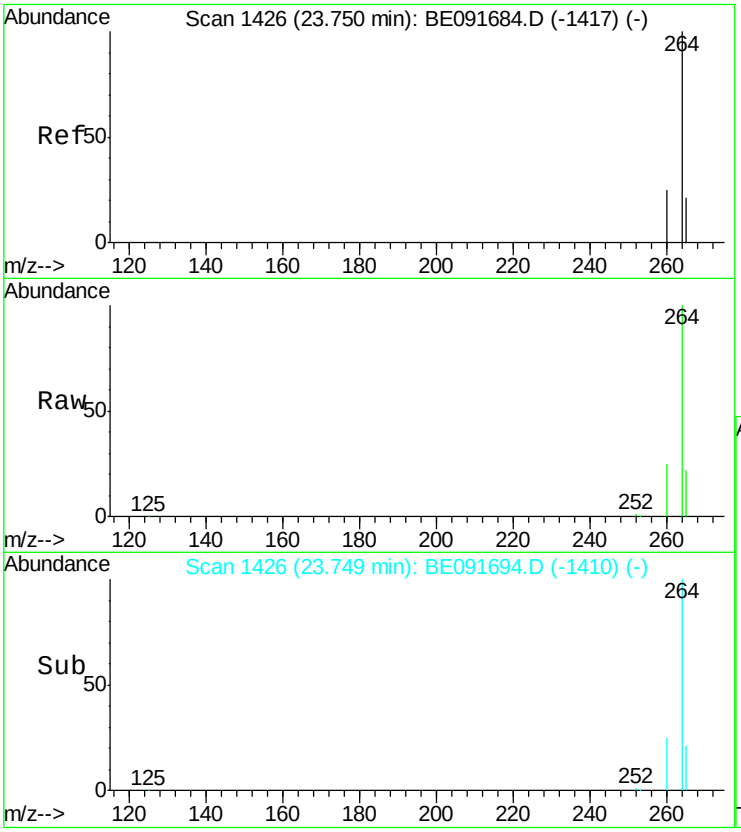


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 26.31 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:276 Resp: 19613

Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.4	35.2
277	24.7	19.8	29.8



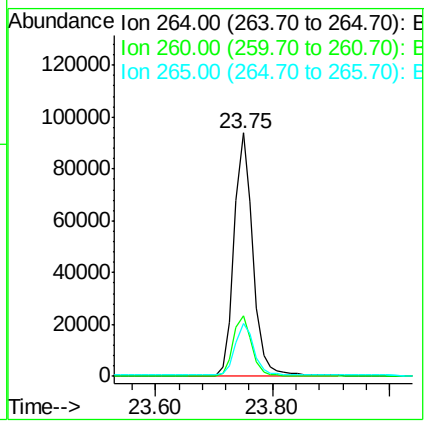


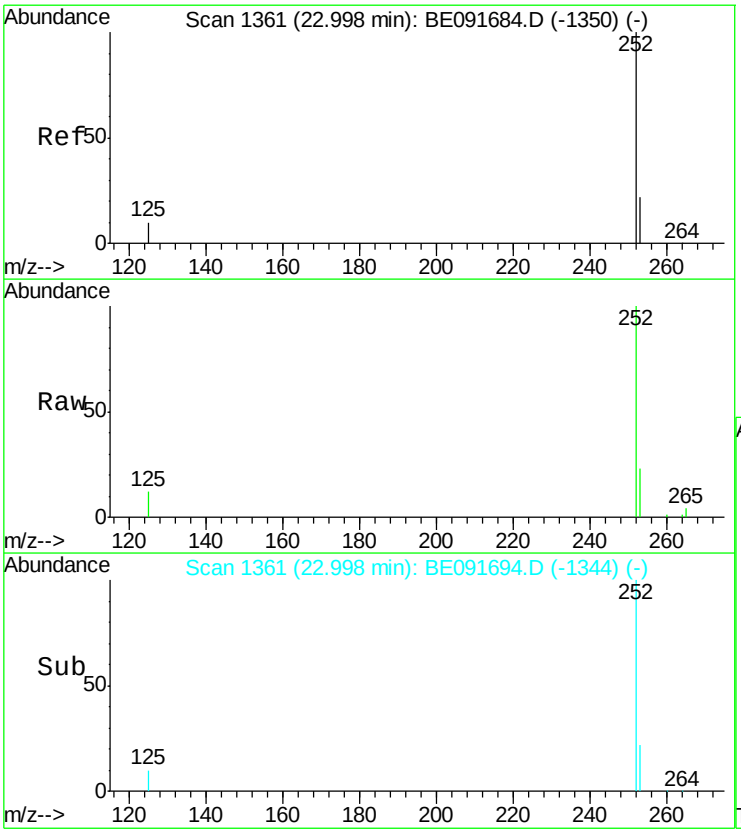
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 208333

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.7	17.5	26.3

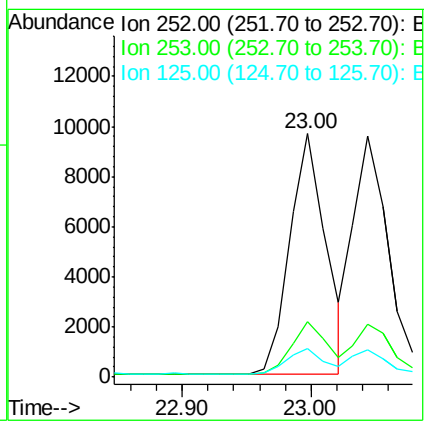


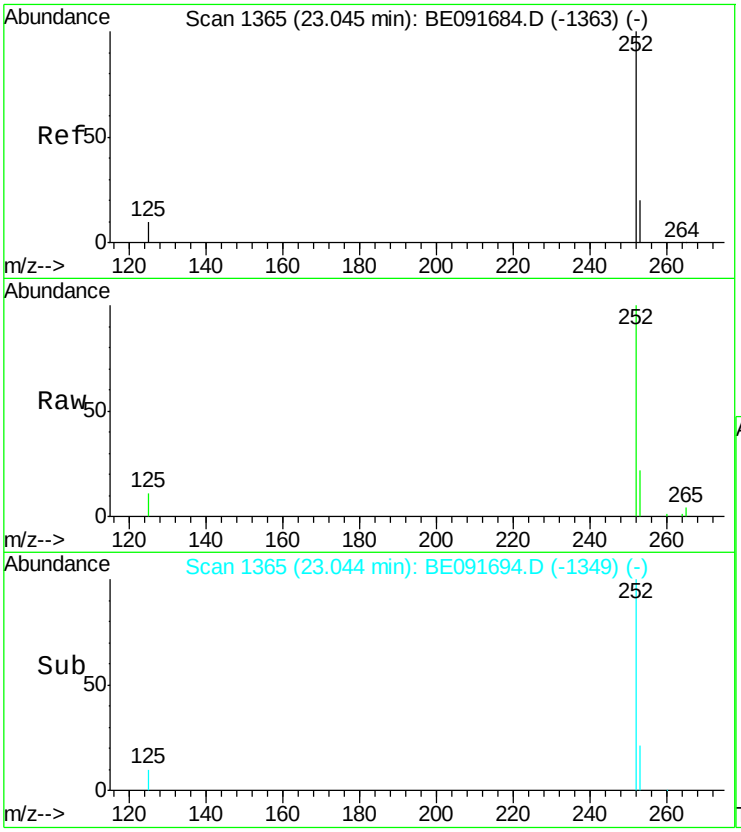


#36
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.00 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:252 Resp: 18765

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.5	10.2	15.2



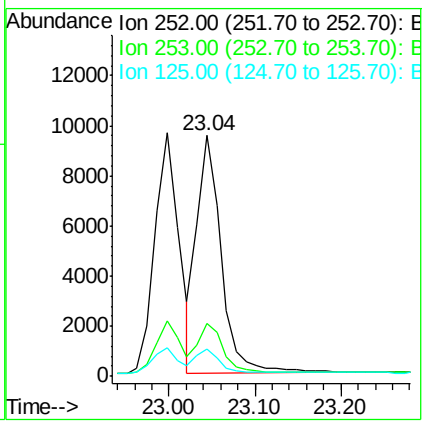


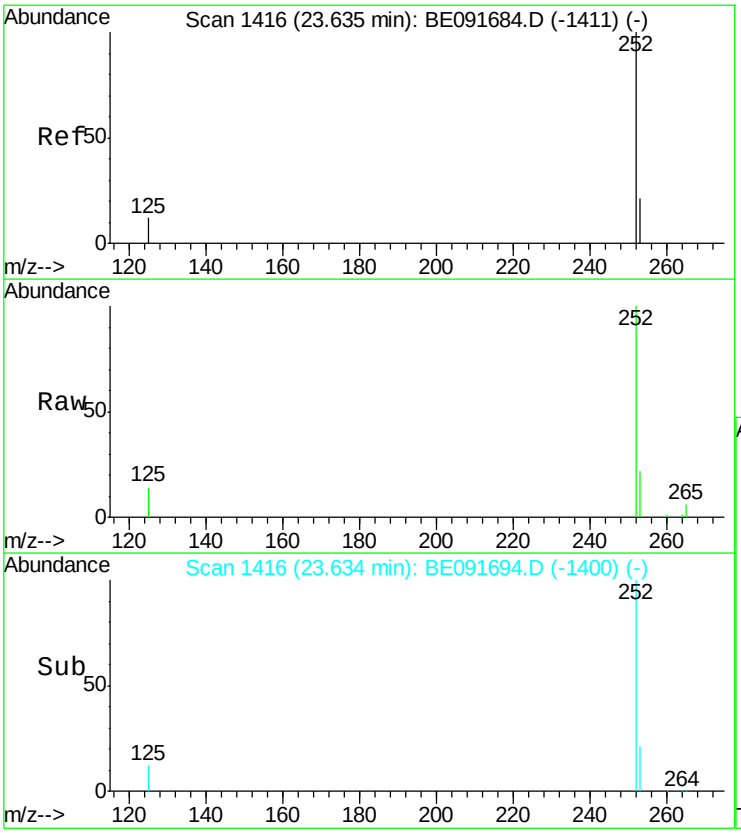
#37
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18435

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	11.3	9.9	14.9

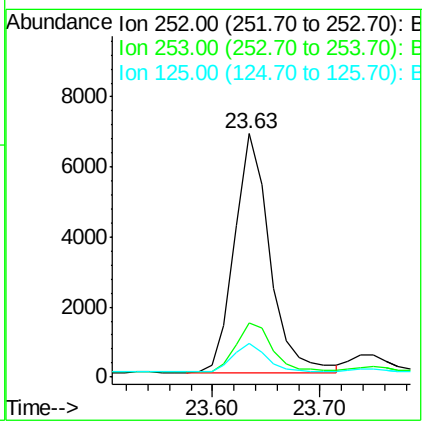


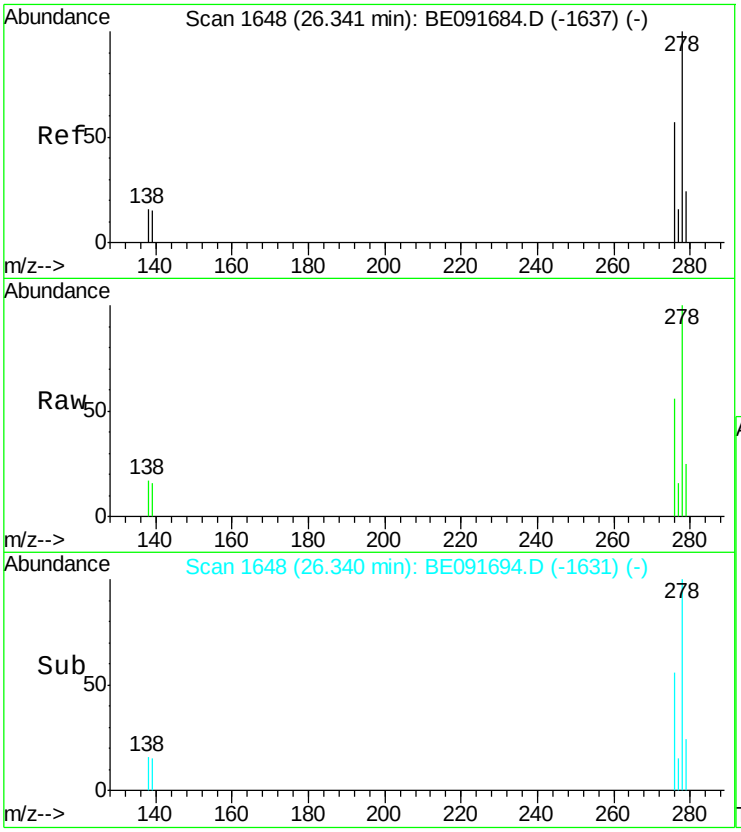


#38
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:252 Resp: 15556

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.6	11.0	16.4



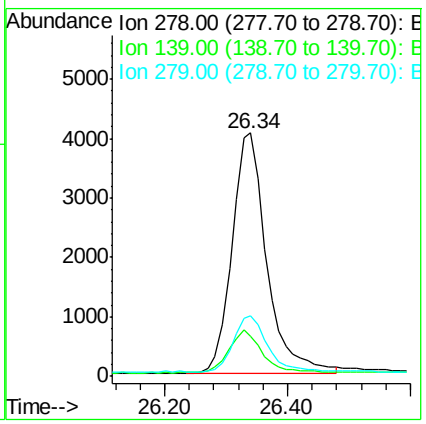


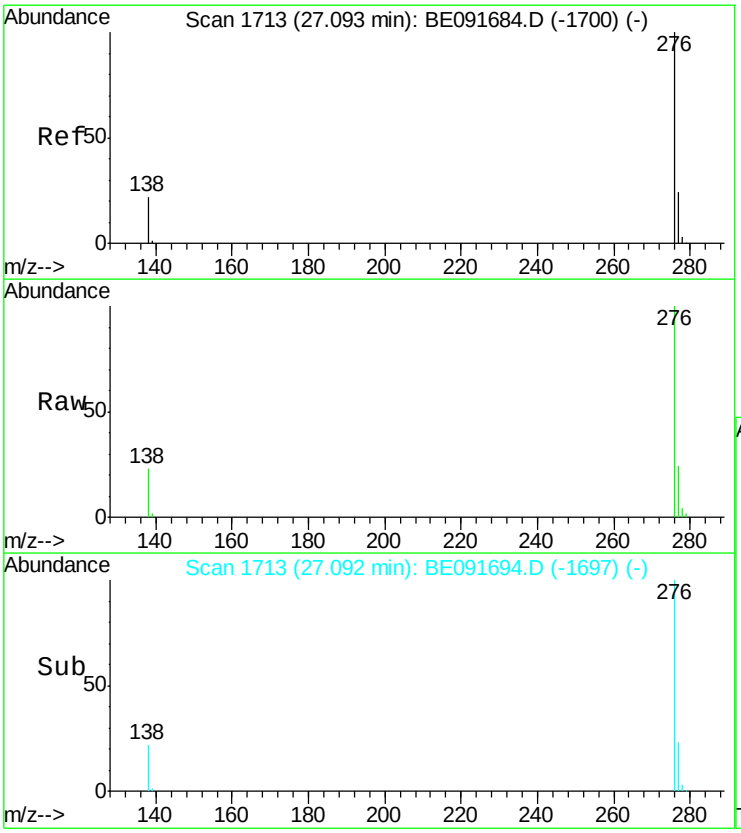
#39
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.34 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 15903

Ion	Ratio	Lower	Upper
278	100		
139	16.5	16.0	24.0
279	25.1	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.09 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BE091694.D
Acq: 20 Apr 2016 20:47

Tgt Ion:276 Resp: 16887

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	23.3	20.4	30.6