Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091666.D
Acq On : 18 Apr 2016 15:43
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC10

Quant Time: Apr 18 16:16:06 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 14:18:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35128	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	172183	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	102097	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	241285	5.00	ng		0.00
26) Chrysene-d12	21.31	240	316417	5.00	ng		0.00
35) Perylene-d12	23.76	264	276648	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	81677	9.74	ng		0.00
5) Phenol-d6	6.97	99	118990	10.65	ng		0.00
8) Nitrobenzene-d5	8.96	82	110926	11.09	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	39746	14.11	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	281149	9.90	ng		0.00
29) Terphenyl-d14	19.76	244	440589	11.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	36634	8.15	ng	#	88
3) n-Nitrosodimethylamine	3.64	42	57045	10.59	ng	#	96
6) bis(2-Chloroethyl)ether	7.23	93	100745	10.39	ng	#	76
9) Nitrobenzene	8.99	77	121251	11.53	ng		92
10) Naphthalene	10.63	128	336327	9.47	ng		98
11) Hexachlorobutadiene	10.92	225	53867	10.32	ng		98
12) 2-Methylnaphthalene	12.24	142	229644	10.13	ng		95
16) Acenaphthylene	14.14	152	441102	11.13	ng	#	87
17) Acenaphthene	14.47	154	253688	10.13	ng		92
18) Fluorene	15.46	166	315286	10.07	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	89963	10.57	ng		95
21) Hexachlorobenzene	16.46	284	89444	10.13	ng		97
22) Pentachlorophenol	16.79	266	47181	14.40	ng	#	89
23) Phenanthrene	17.19	178	532773	9.67	ng		99
24) Anthracene	17.28	178	533551	10.93	ng		98
25) Fluoranthene	19.21	202	601970	10.33	ng		98
27) Benzidine	19.38	184	334287	16.05	ng	#	76
28) Pyrene	19.55	202	641156	10.13	ng		99
30) Benzo(a)anthracene	21.29	228	1416545	20.01	ng		99
31) 3,3'-Dichlorobenzidine	21.22	252	382206	10.09	ng	#	75
32) Chrysene	21.29	228	1421372	22.12	ng		95
33) Bis(2-ethylhexyl)phthalate	21.22	149	221914	7.10	ng	#	83
34) Indeno(1,2,3-cd)pyrene	26.32	276	722913	10.09	ng		97
36) Benzo(b)fluoranthene	23.00	252	628201	9.78	ng		97
37) Benzo(k)fluoranthene	23.00	252	628201	9.92	ng		97
38) Benzo(a)pyrene	23.64	252	626739	10.50	ng		97
39) Dibenzo(a,h)anthracene	26.34	278	599965	10.21	ng		97
40) Benzo(g,h,i)perylene	27.10	276	611478	10.10	ng		97

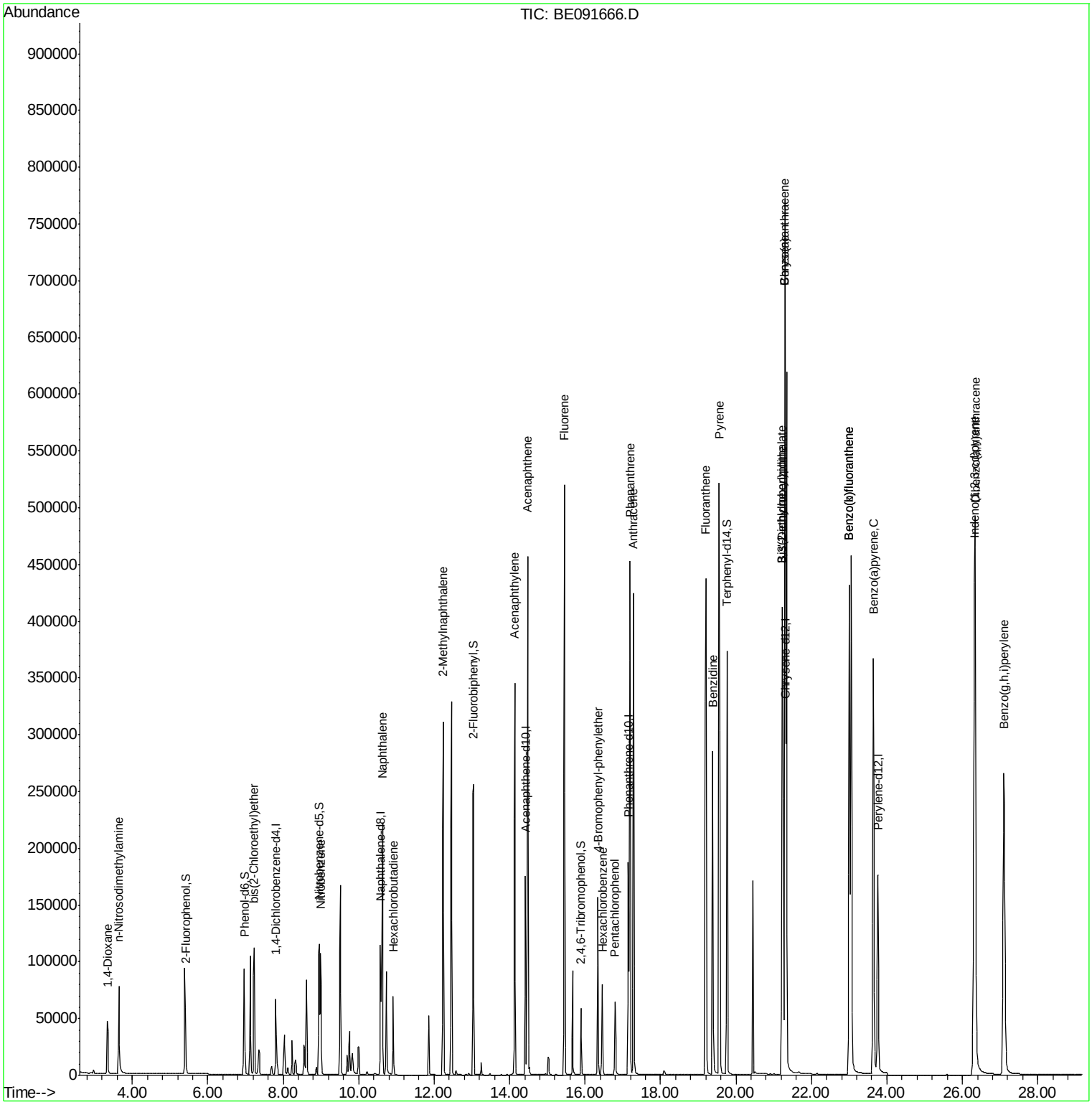
(#) = qualifier out of range (m) = manual integration (+) = signals summed

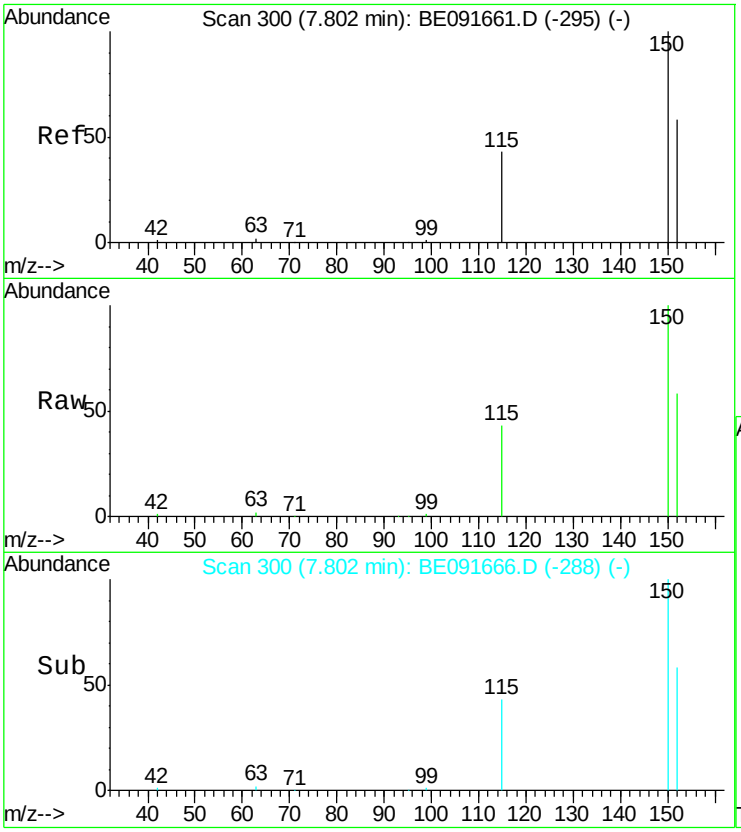
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041816\
Data File : BE091666.D
Acq On : 18 Apr 2016 15:43
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Quant Time: Apr 18 16:16:06 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 18 14:18:33 2016
Response via : Initial Calibration



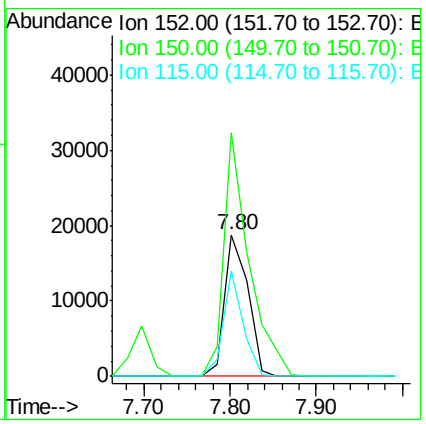


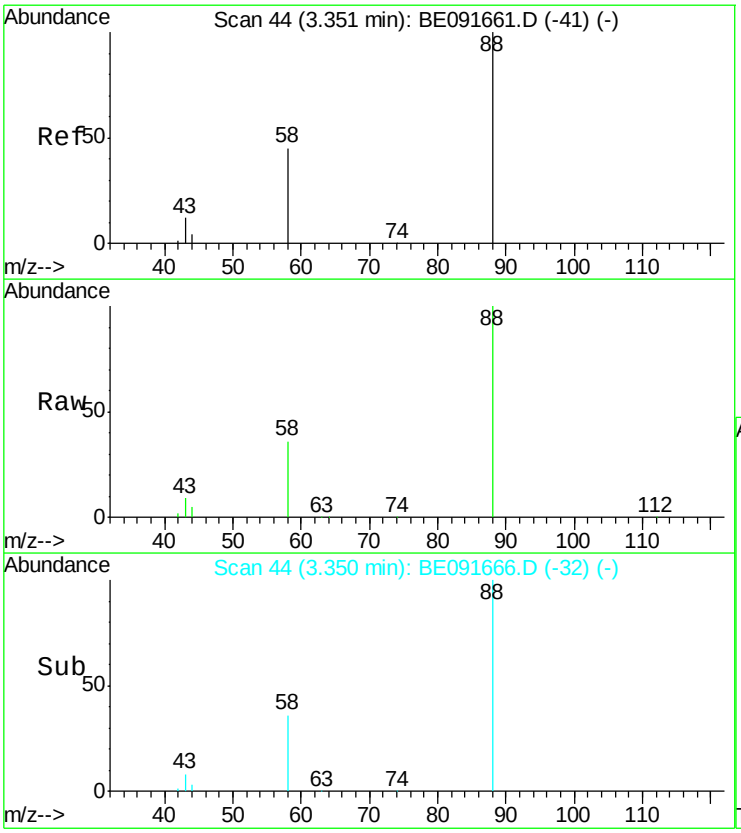
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:152 Resp: 35128

Ion	Ratio	Lower	Upper
152	100		
150	172.1	122.6	183.8
115	74.2	52.8	79.2

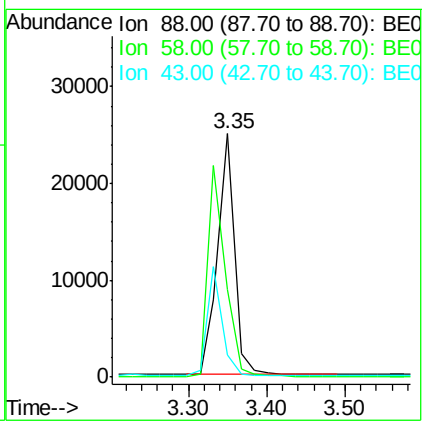


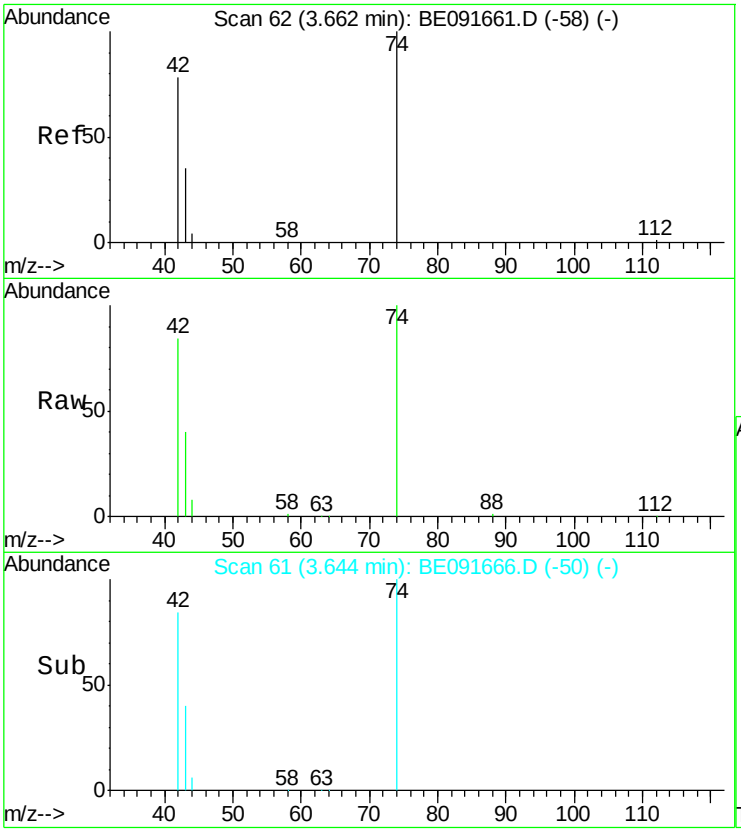


#2
1,4-Dioxane
Concen: 8.15 ng
RT: 3.35 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion: 88 Resp: 36634

Ion	Ratio	Lower	Upper
88	100		
58	91.2	65.8	98.6
43	40.6	25.3	37.9#



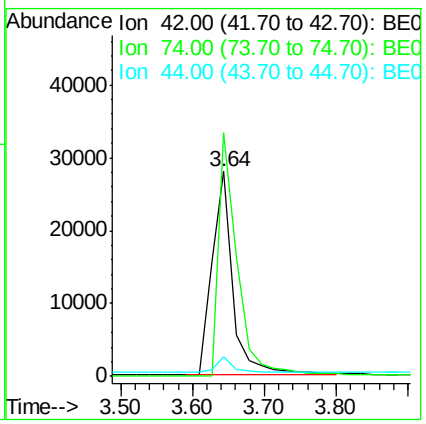


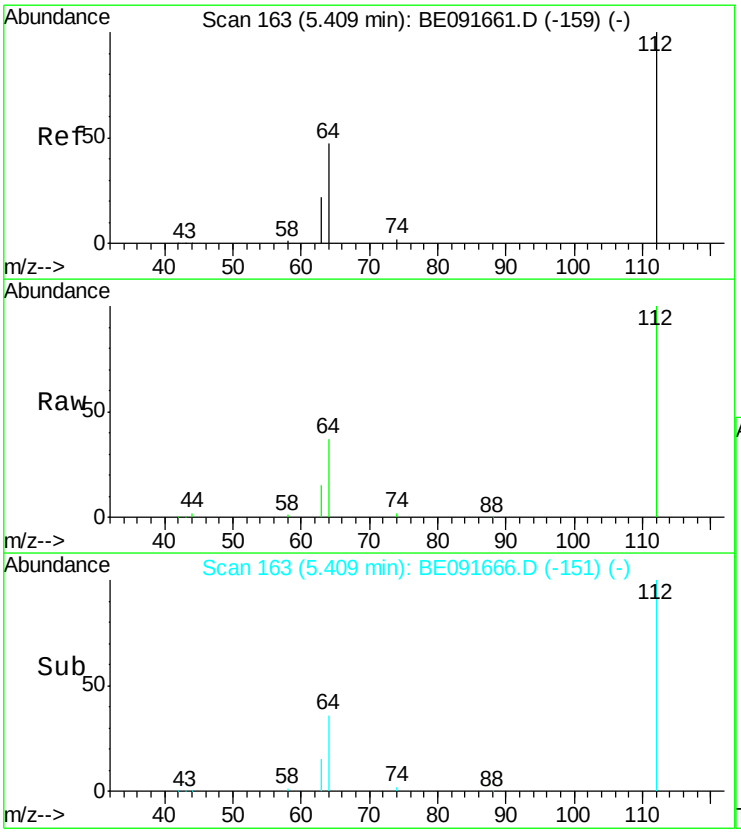
#3
n-Nitrosodimethylamine
Concen: 10.59 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 42 Resp: 57045

Ion	Ratio	Lower	Upper
42	100		
74	106.1	87.9	131.9
44	5.8	6.6	9.8#

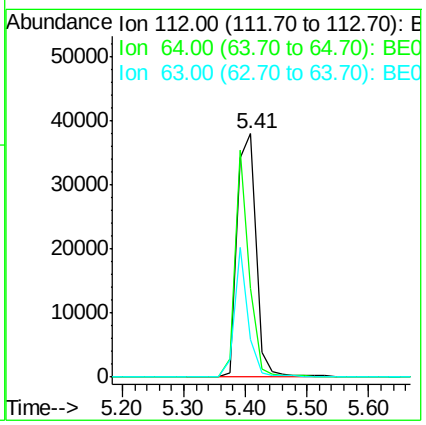


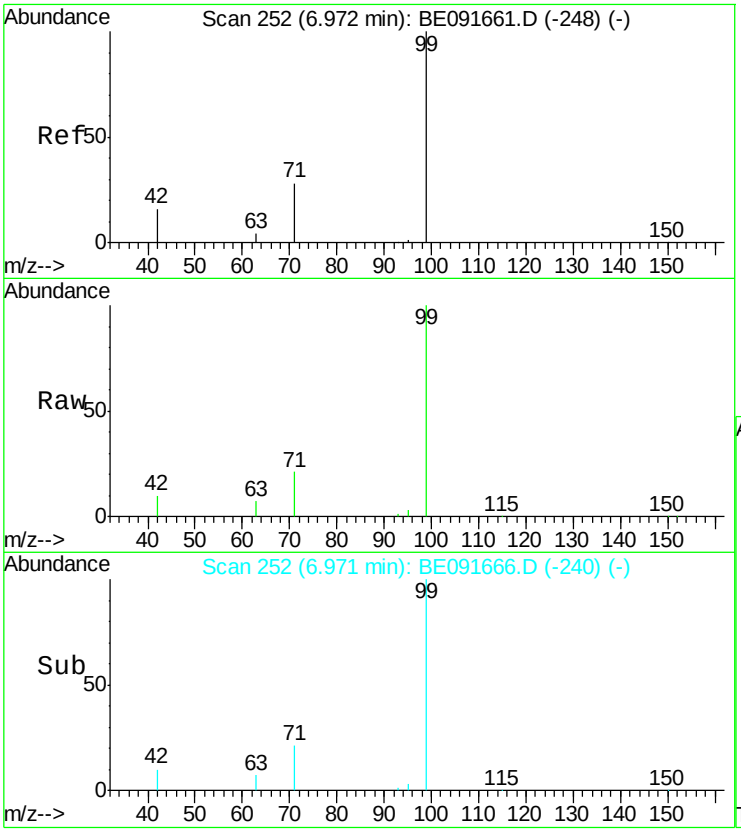


#4
2-Fluorophenol
Concen: 9.74 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:112 Resp: 81677

Ion	Ratio	Lower	Upper
112	100		
64	69.5	30.9	46.3#
63	37.7	16.7	25.1#



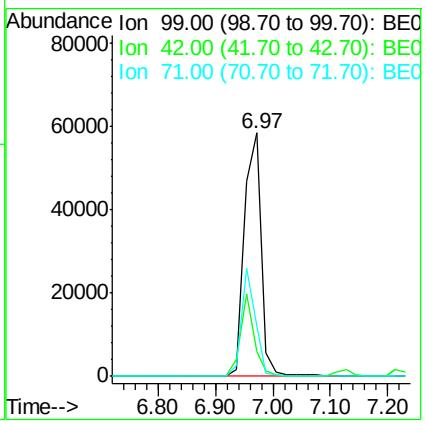


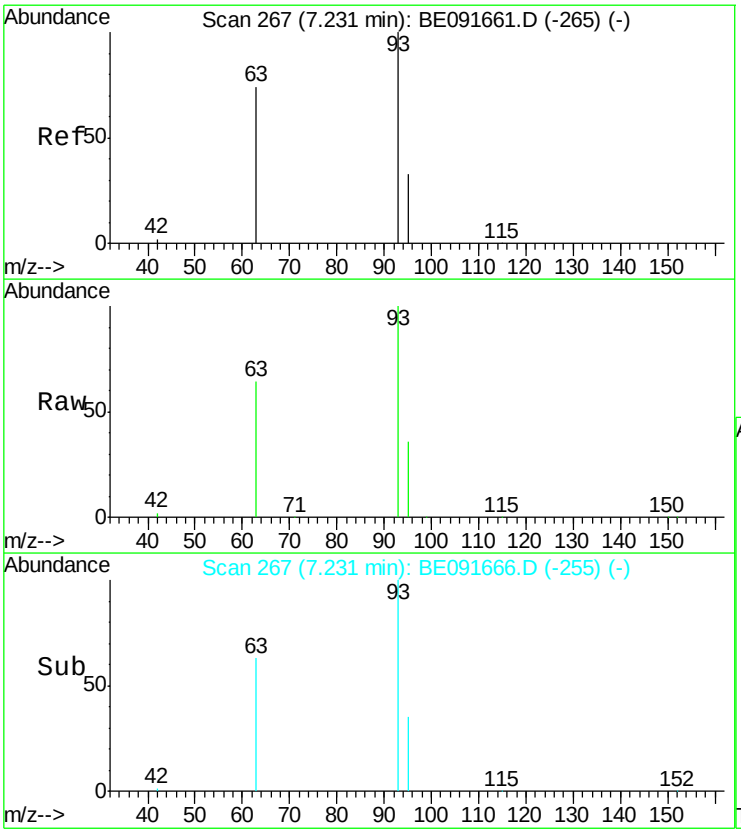
#5
Phenol-d6
Concen: 10.65 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 99 Resp: 118990

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	36.6	29.0	43.4

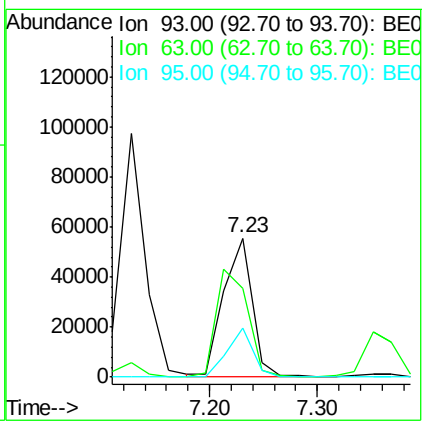


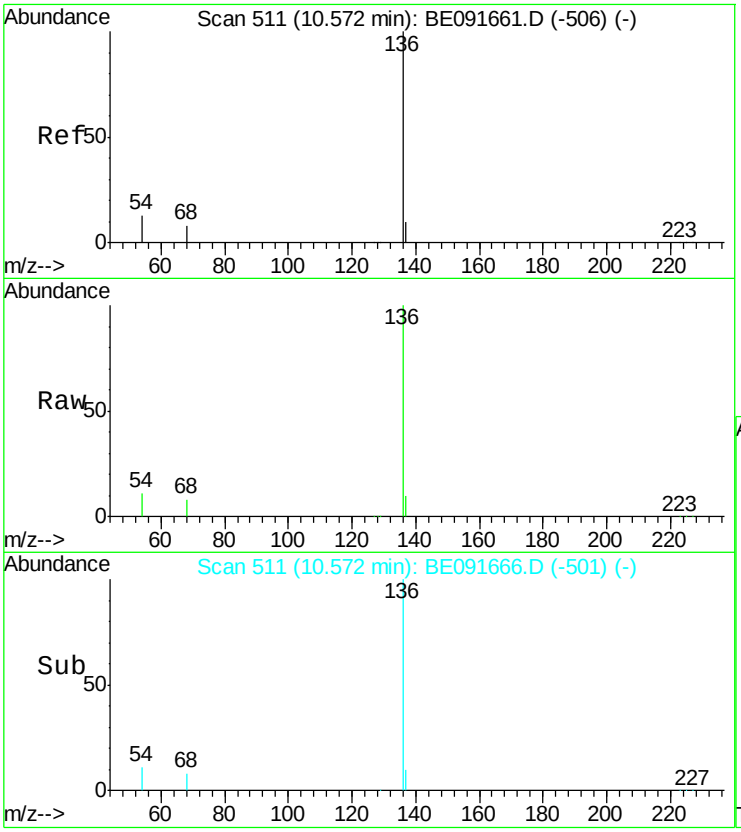


#6
bis(2-Chloroethyl)ether
Concen: 10.39 ng
RT: 7.23 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion: 93 Resp: 100745

Ion	Ratio	Lower	Upper
93	100		
63	85.8	49.5	74.3#
95	32.2	22.2	33.4



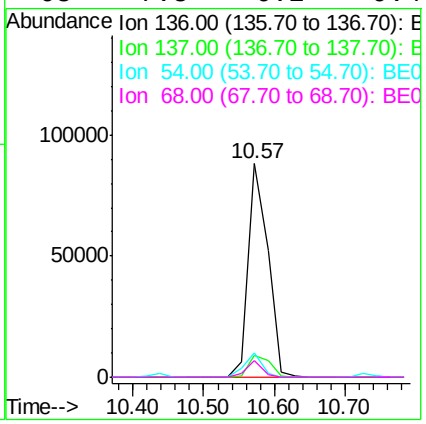


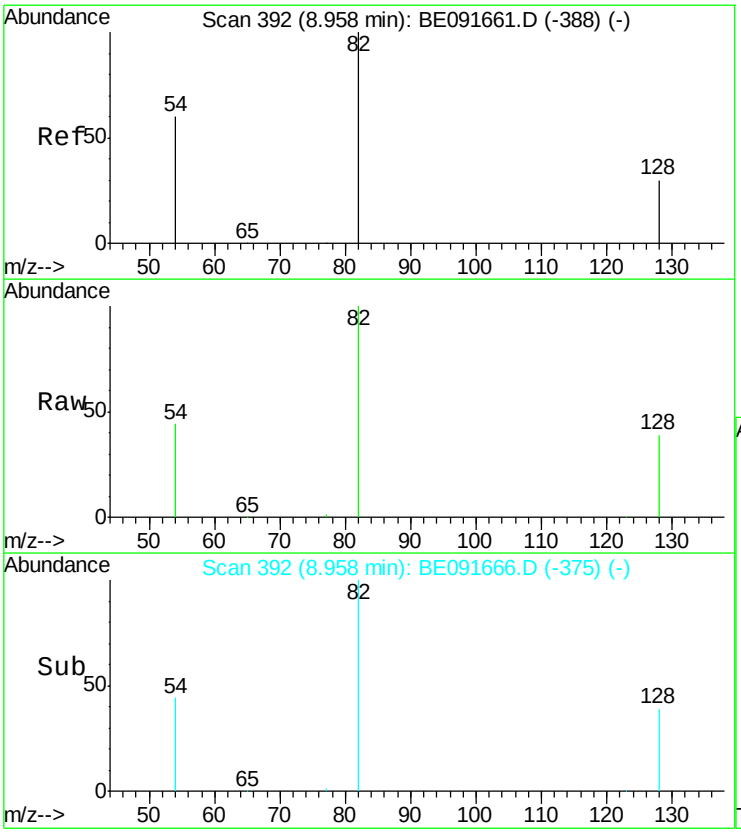
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:136 Resp: 172183

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.4	8.2	12.4
68	7.8	6.2	9.4

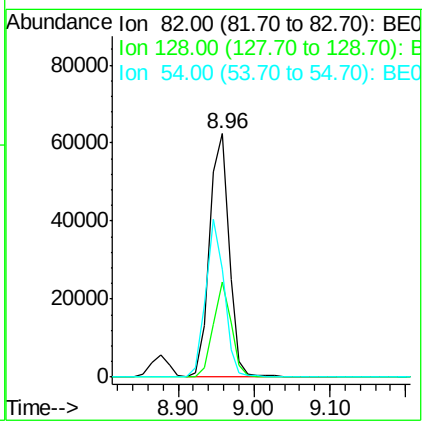


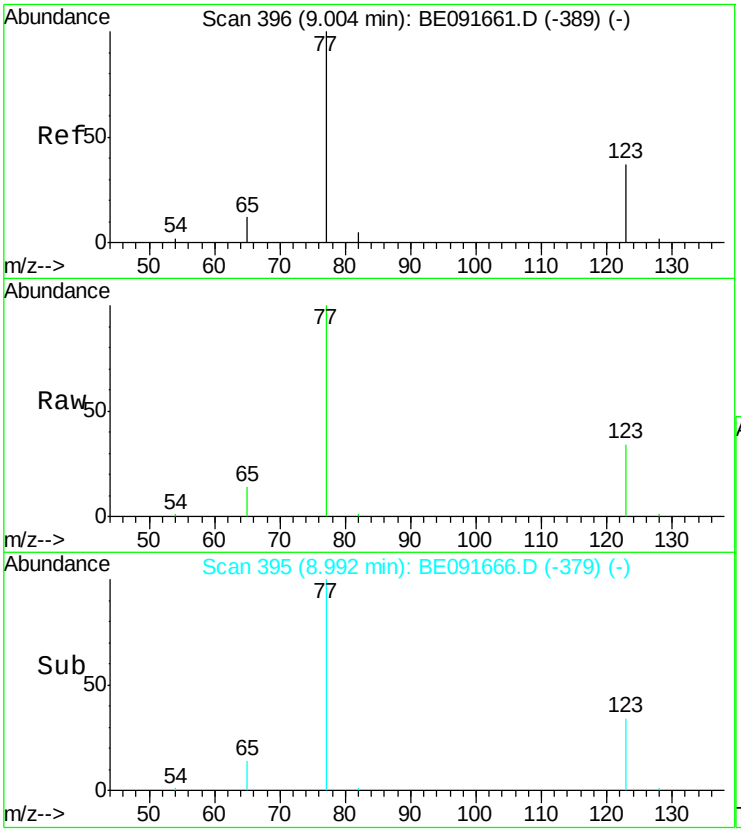


#8
Nitrobenzene-d5
Concen: 11.09 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion: 82 Resp: 110926

Ion	Ratio	Lower	Upper
82	100		
128	39.2	25.4	38.0#
54	44.3	48.4	72.6#



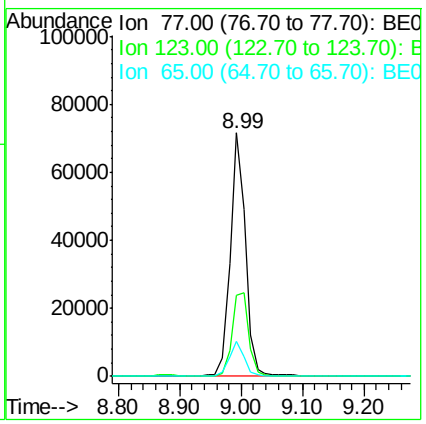


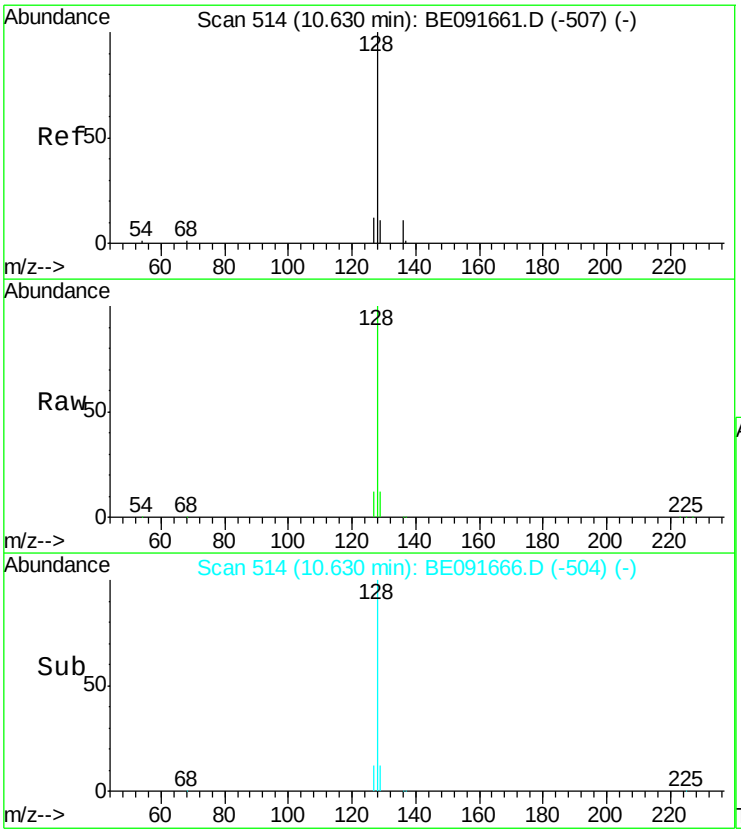
#9
Nitrobenzene
Concen: 11.53 ng
RT: 8.99 min Scan# 395
Delta R.T. -0.01 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion: 77 Resp: 121251

Ion	Ratio	Lower	Upper
77	100		
123	38.3	26.9	40.3
65	14.1	9.4	14.2

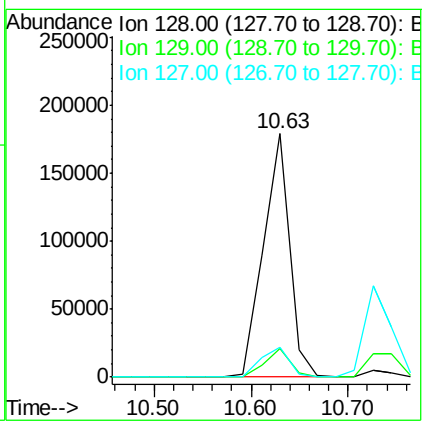


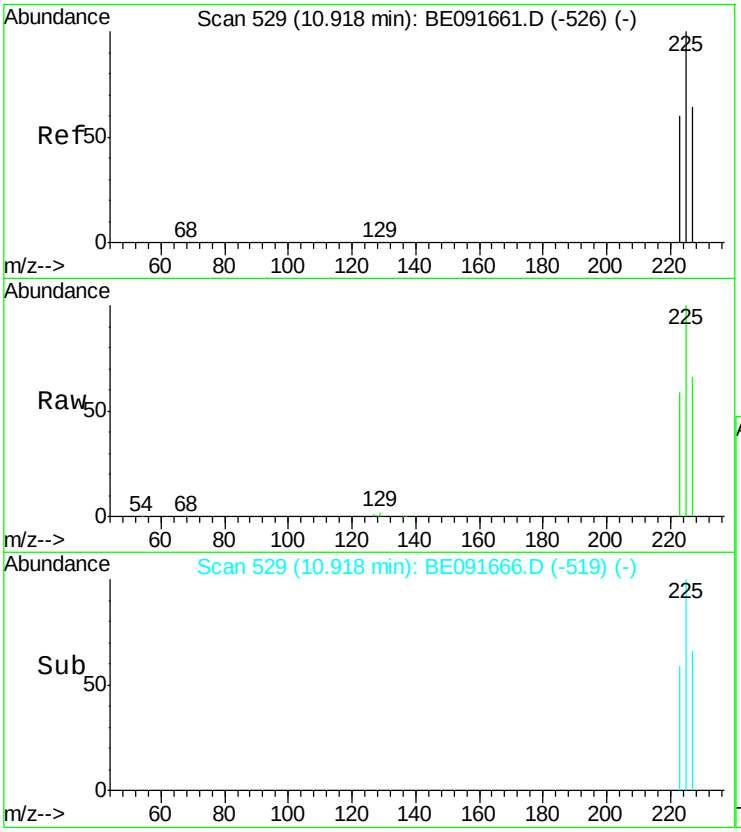


#10
Naphthalene
Concen: 9.47 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:128 Resp: 336327

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	12.1	10.7	16.1



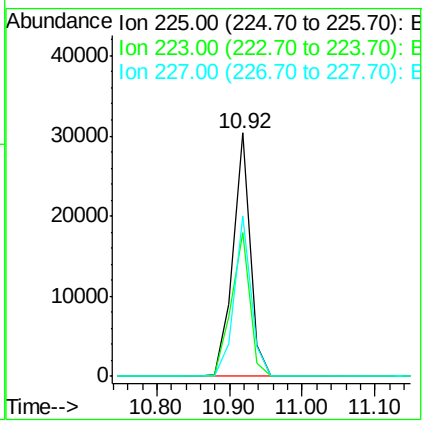


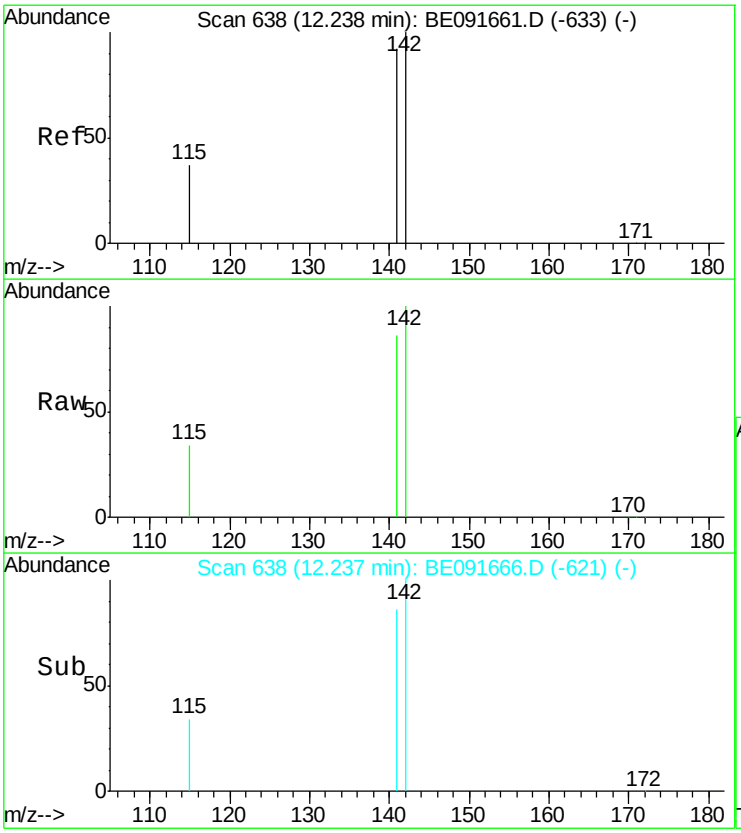
#11
Hexachlorobutadiene
Concen: 10.32 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:225 Resp: 53867

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	64.7	50.3	75.5

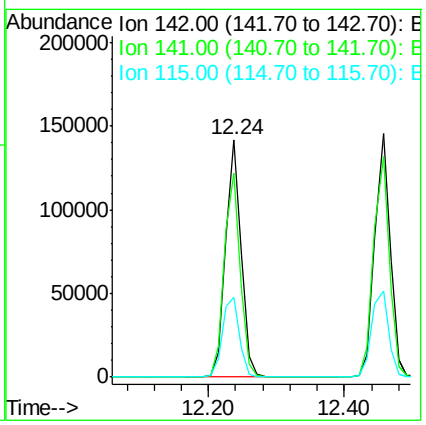


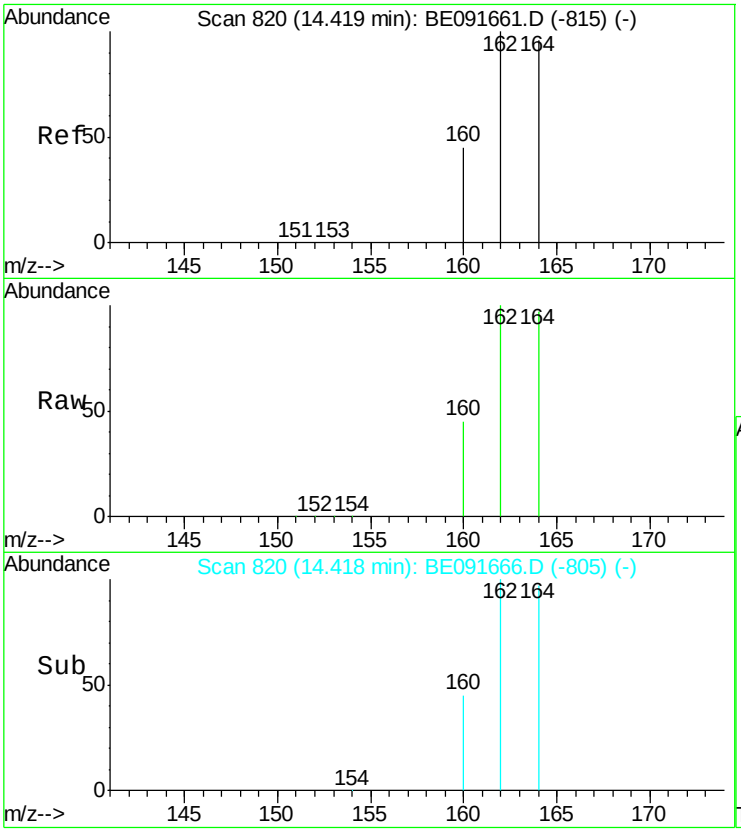


#12
2-Methylnaphthalene
Concen: 10.13 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:142 Resp: 229644

Ion	Ratio	Lower	Upper
142	100		
141	85.7	71.4	107.0
115	33.8	30.3	45.5



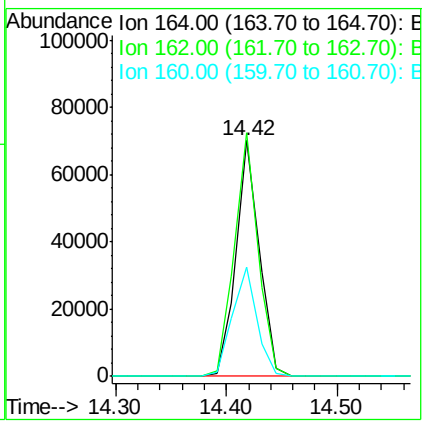


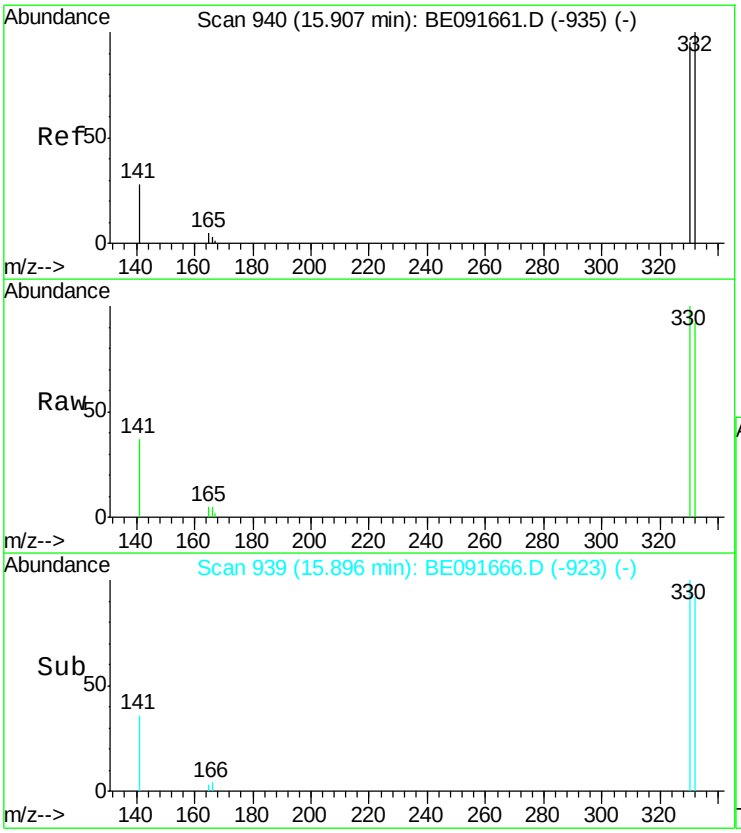
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:164 Resp: 102097

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.3	127.9
160	46.2	46.2	69.2

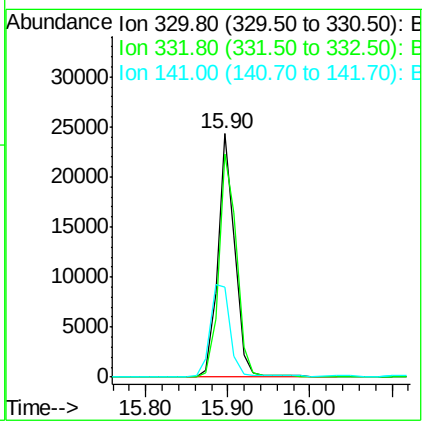


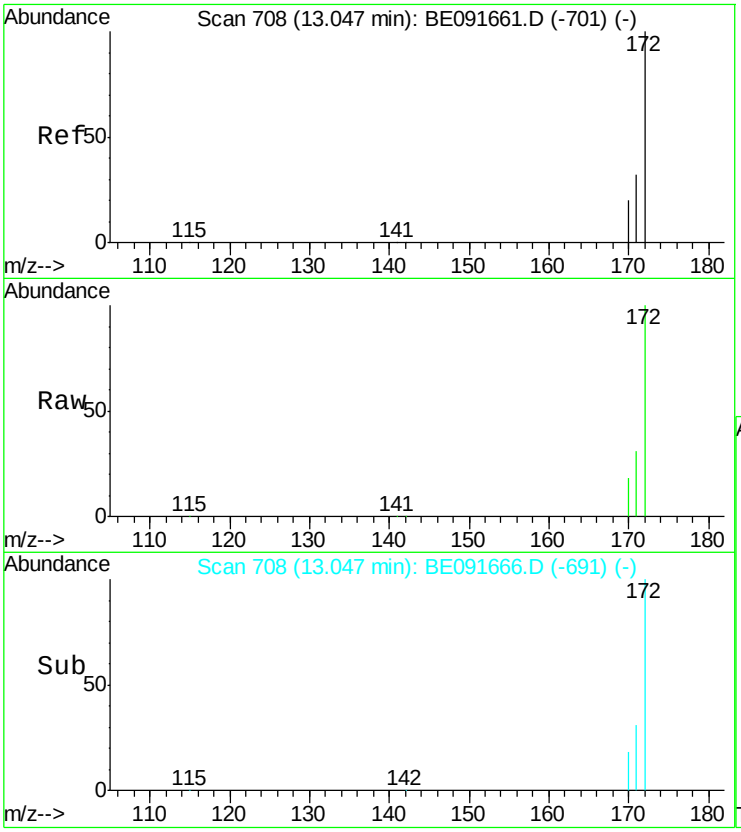


#14
2,4,6-Tribromophenol
Concen: 14.11 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:330 Resp: 39746

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.1	118.7
141	39.4	125.4	188.0#



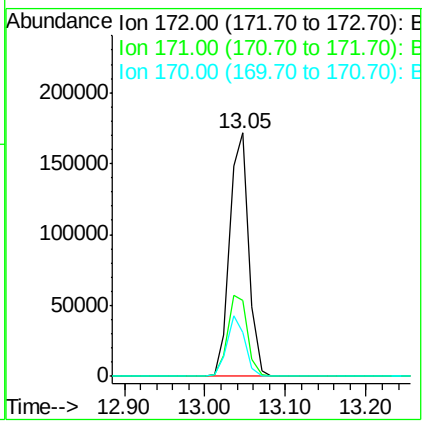


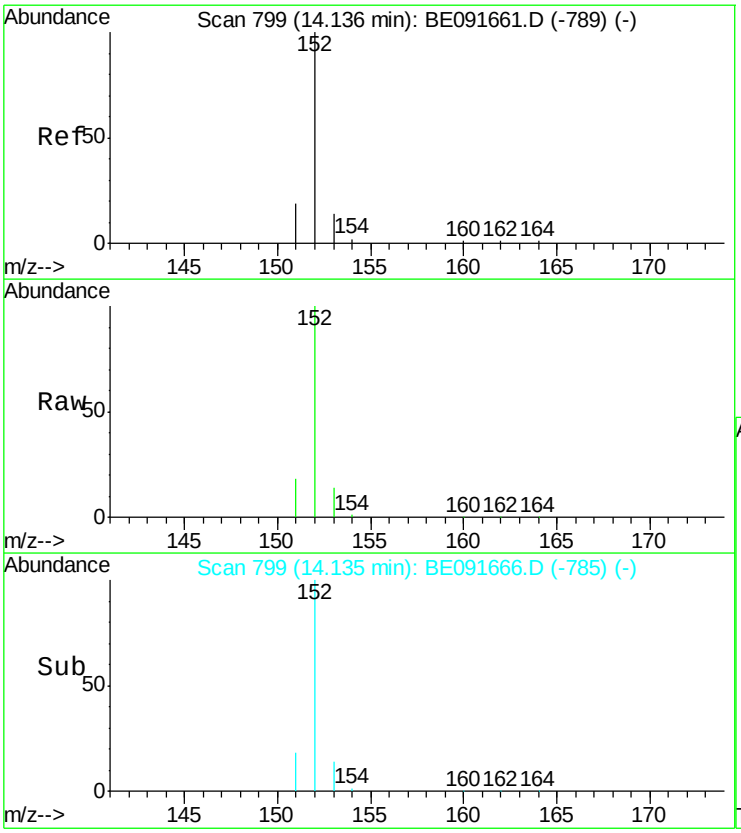
#15
2-Fluorobiphenyl
Concen: 9.90 ng
RT: 13.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:172 Resp: 281149

Ion	Ratio	Lower	Upper
172	100		
171	31.0	28.8	43.2
170	18.2	19.3	28.9#

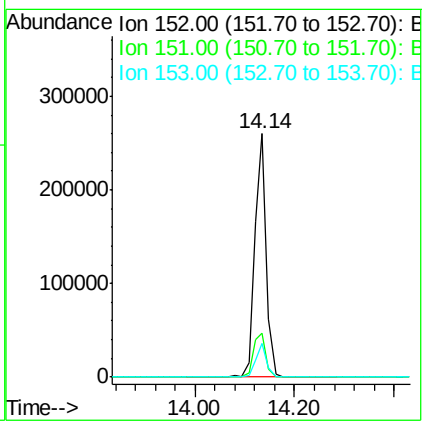


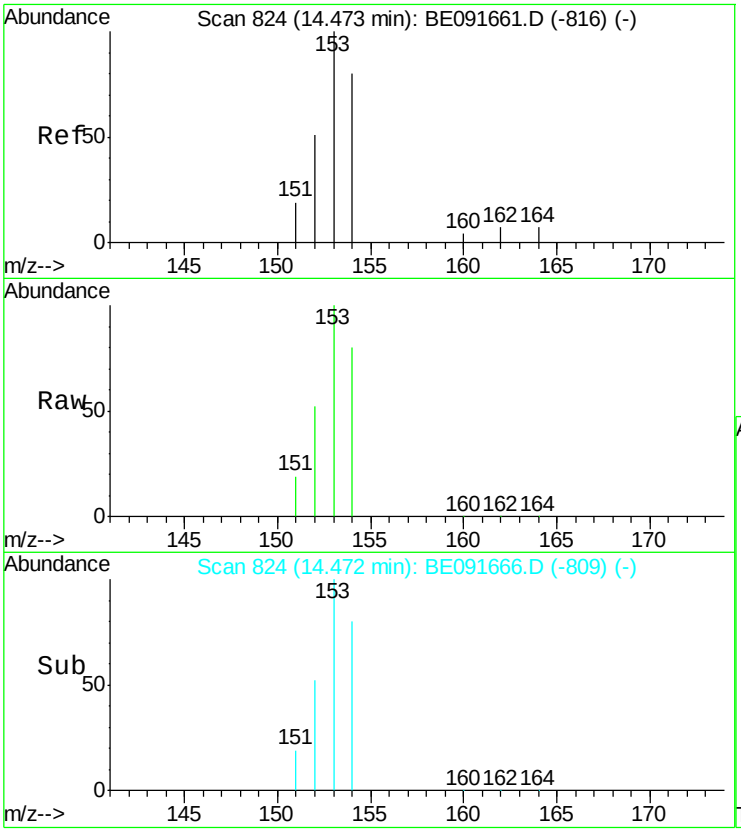


#16
Acenaphthylene
Concen: 11.13 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:152 Resp: 441102

Ion	Ratio	Lower	Upper
152	100		
151	20.0	3.9	5.9#
153	13.4	10.3	15.5



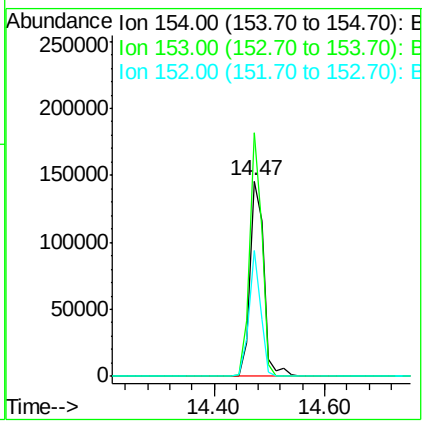


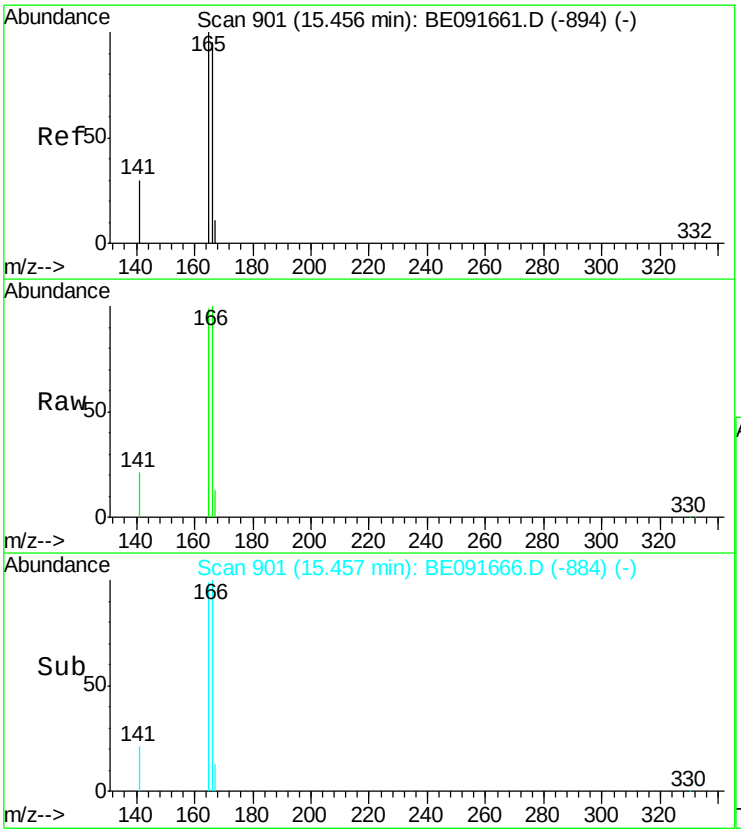
#17
Acenaphthene
Concen: 10.13 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:154 Resp: 253688

Ion	Ratio	Lower	Upper
154	100		
153	109.4	80.0	120.0
152	54.2	40.0	60.0

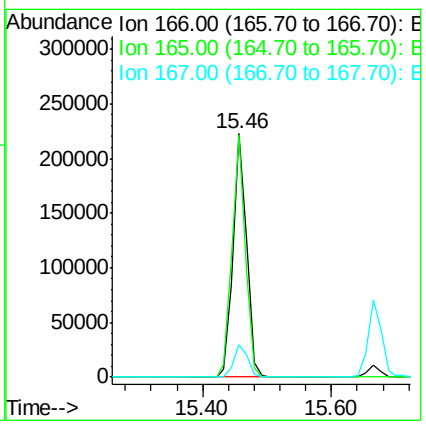


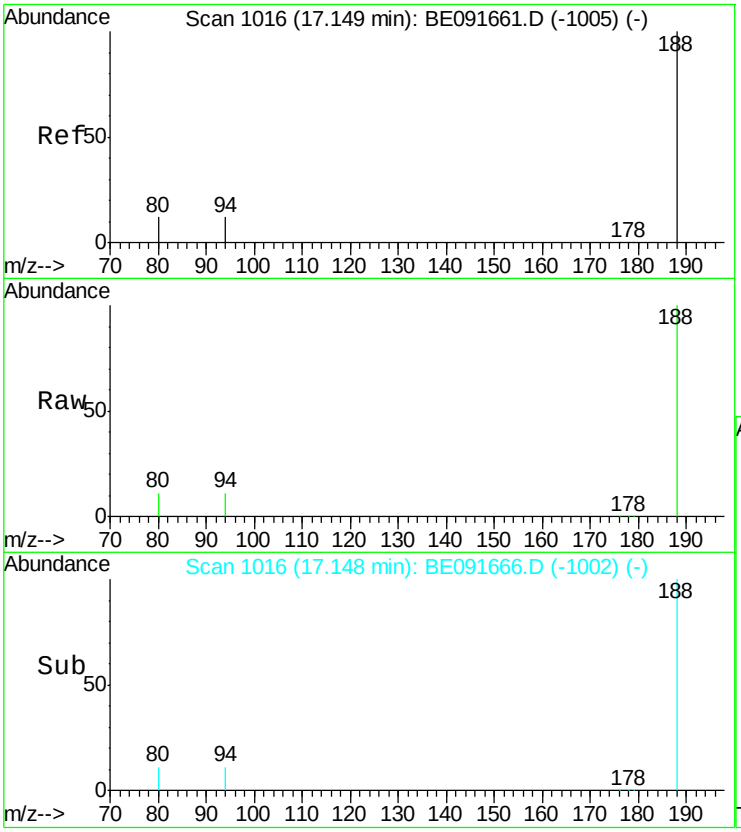


#18
Fluorene
Concen: 10.07 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:166 Resp: 315286

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.8	121.2
167	13.6	10.9	16.3



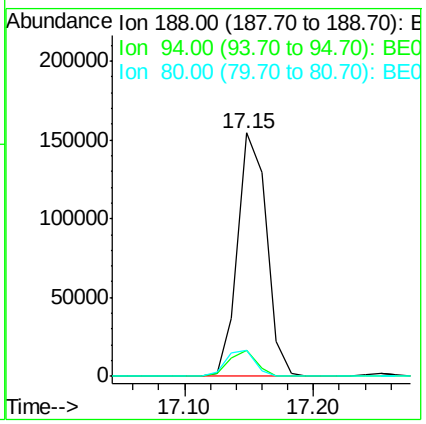


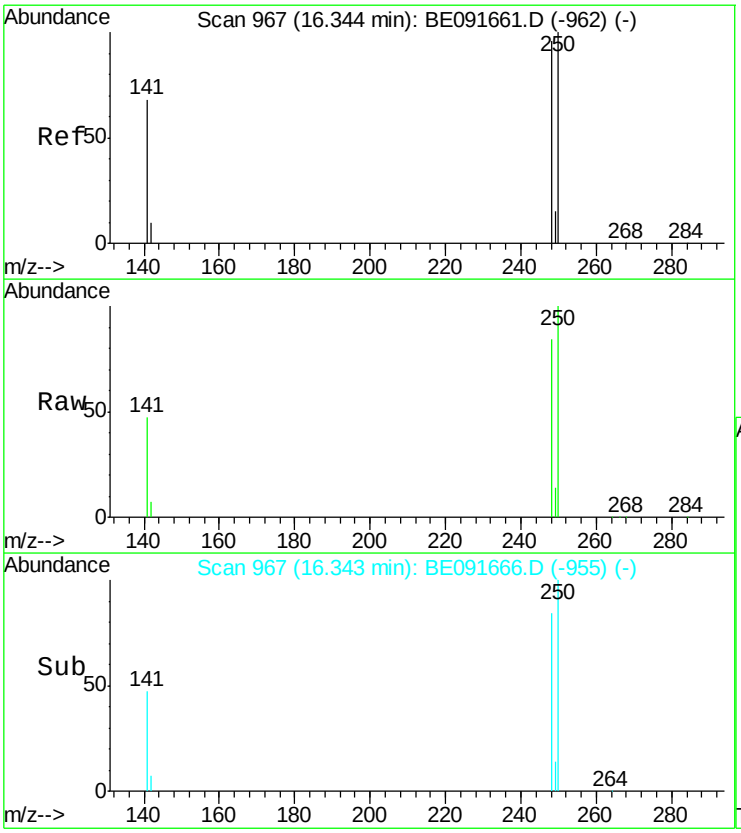
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:188 Resp: 241285

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.7	13.1
80	10.7	9.4	14.0

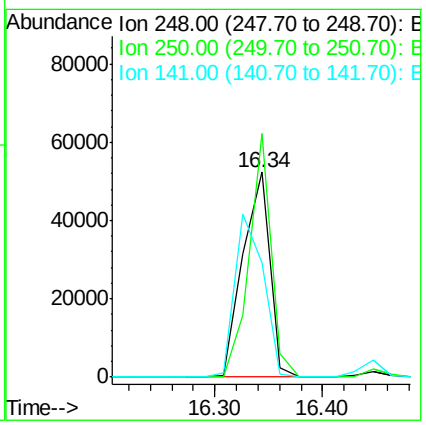


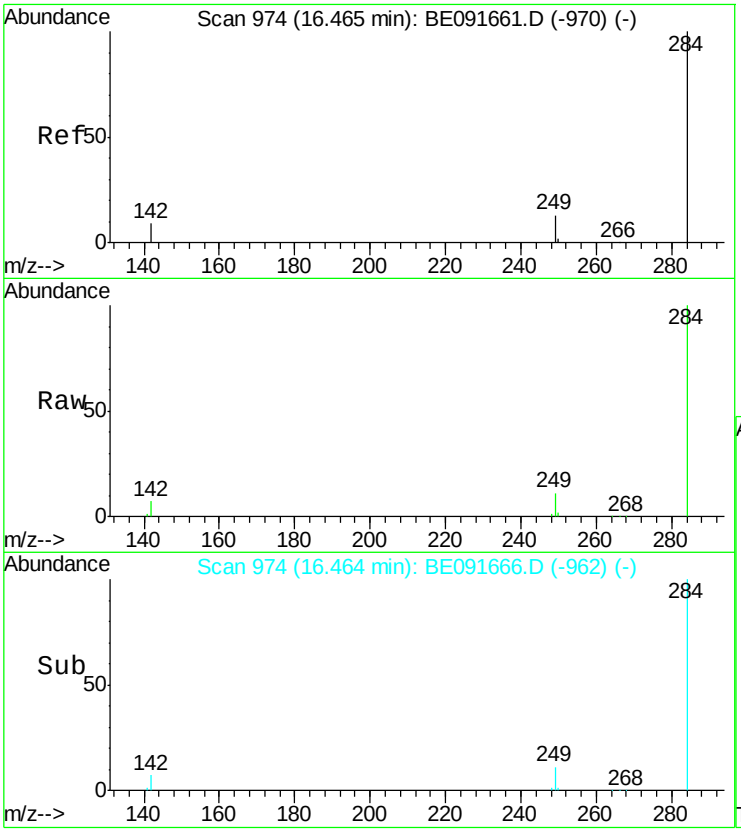


#20
4-Bromophenyl-phenylether
Concen: 10.57 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:248 Resp: 89963

Ion	Ratio	Lower	Upper
248	100		
250	97.3	80.5	120.7
141	84.0	72.0	108.0



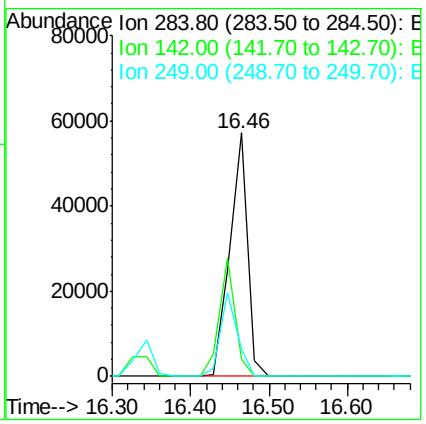


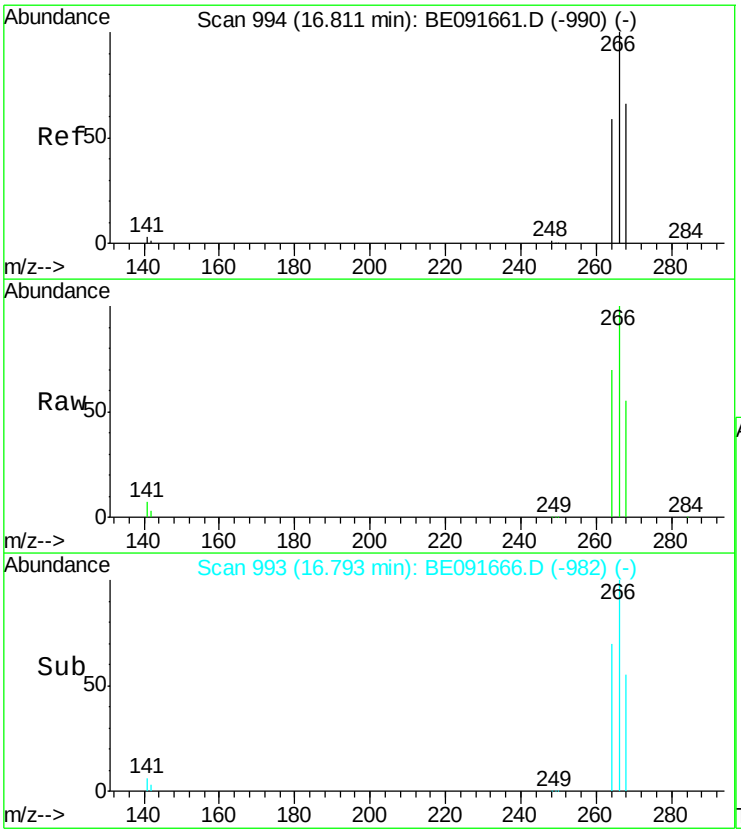
#21
Hexachlorobenzene
Concen: 10.13 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:284 Resp: 89444

Ion	Ratio	Lower	Upper
284	100		
142	42.8	32.2	48.2
249	32.5	25.4	38.2

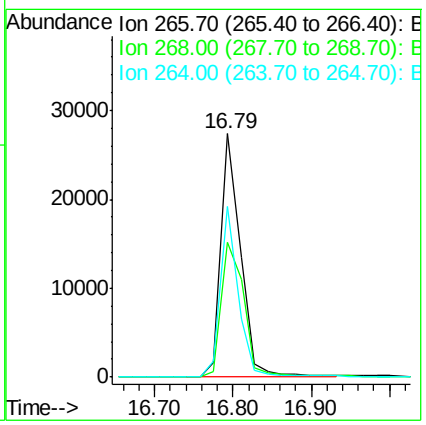


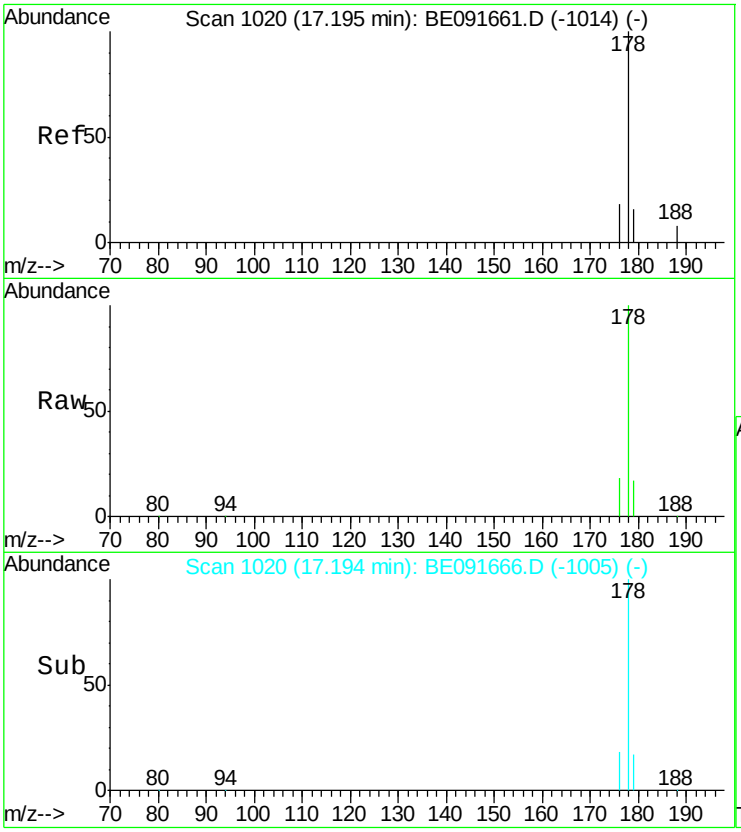


#22
Pentachlorophenol
Concen: 14.40 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:266 Resp: 47181

Ion	Ratio	Lower	Upper
266	100		
268	55.3	58.2	87.2#
264	70.3	56.2	84.4



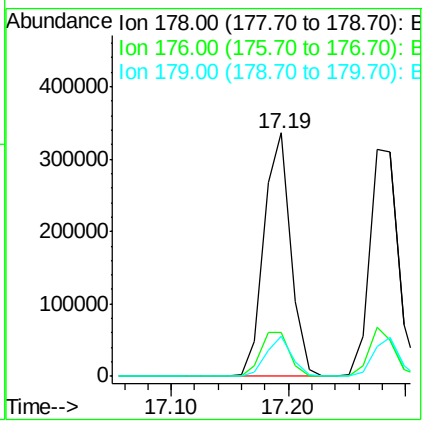


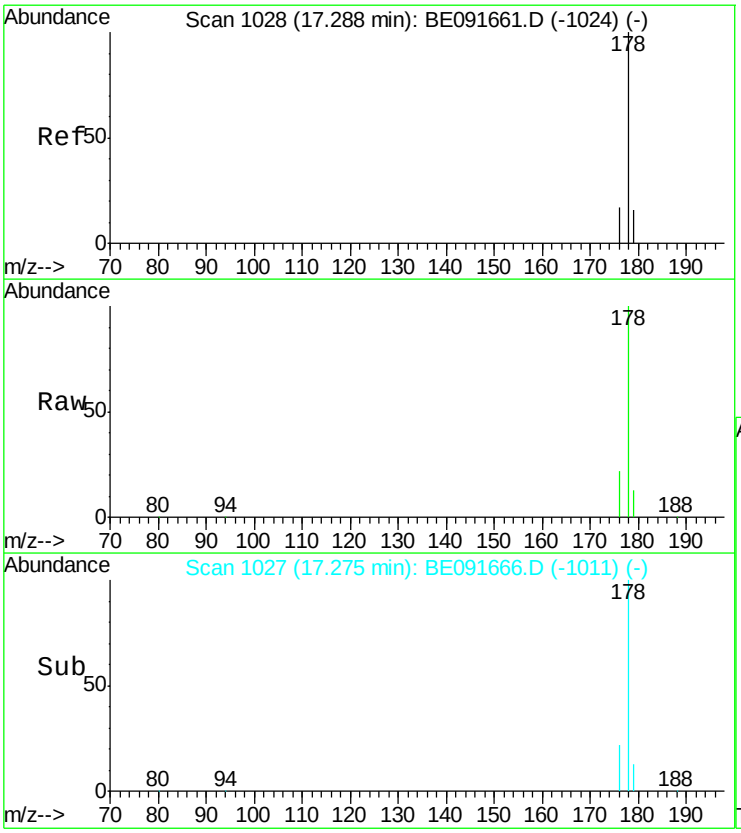
#23
Phenanthrene
Concen: 9.67 ng
RT: 17.19 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:178 Resp: 532773

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.6	12.6	18.8

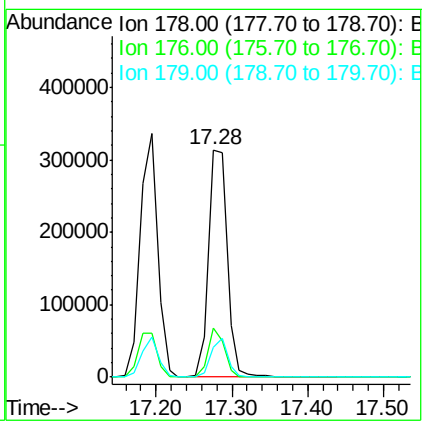


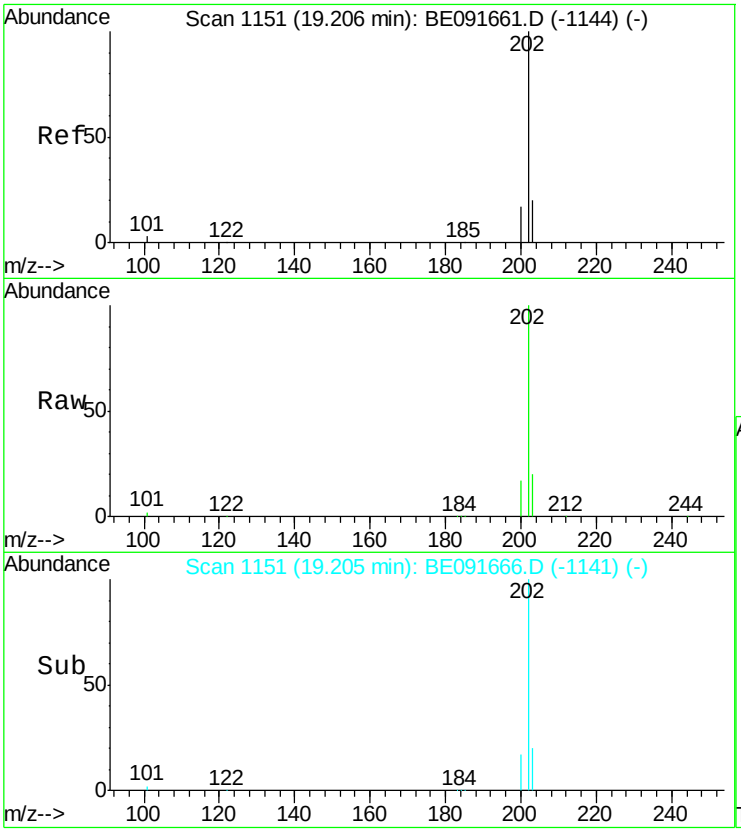


#24
Anthracene
Concen: 10.93 ng
RT: 17.28 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:178 Resp: 533551

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	15.5	11.8	17.6



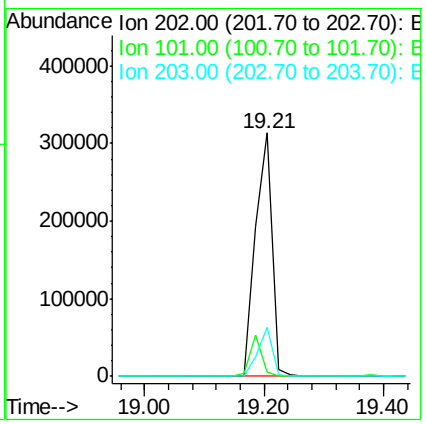


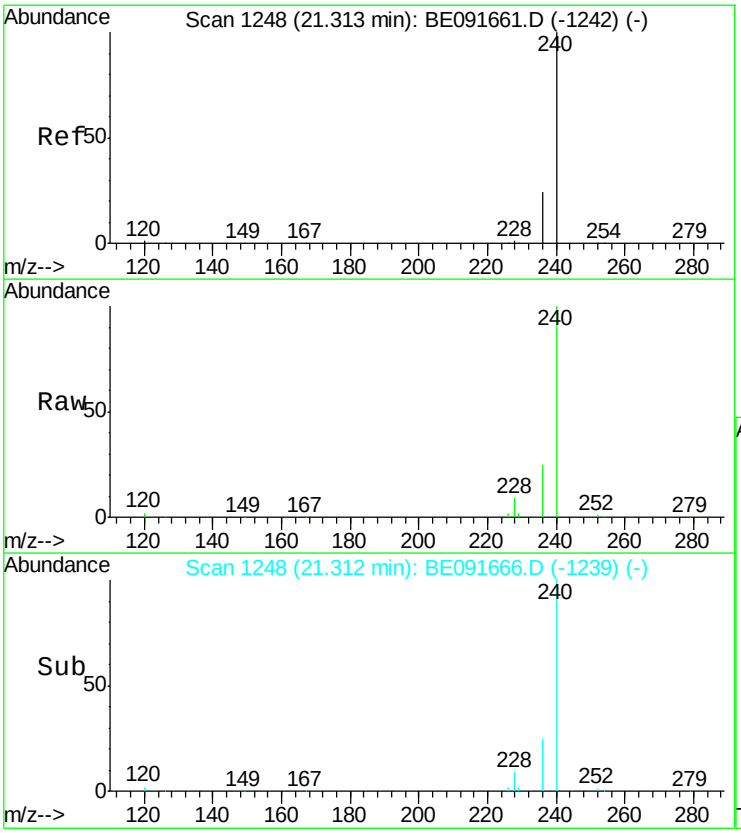
#25
Fluoranthene
Concen: 10.33 ng
RT: 19.21 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:202 Resp: 601970

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.6
203	17.7	13.9	20.9

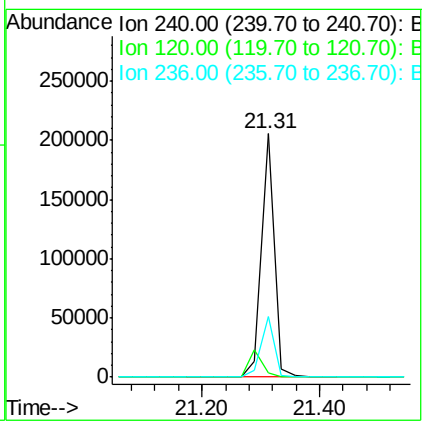


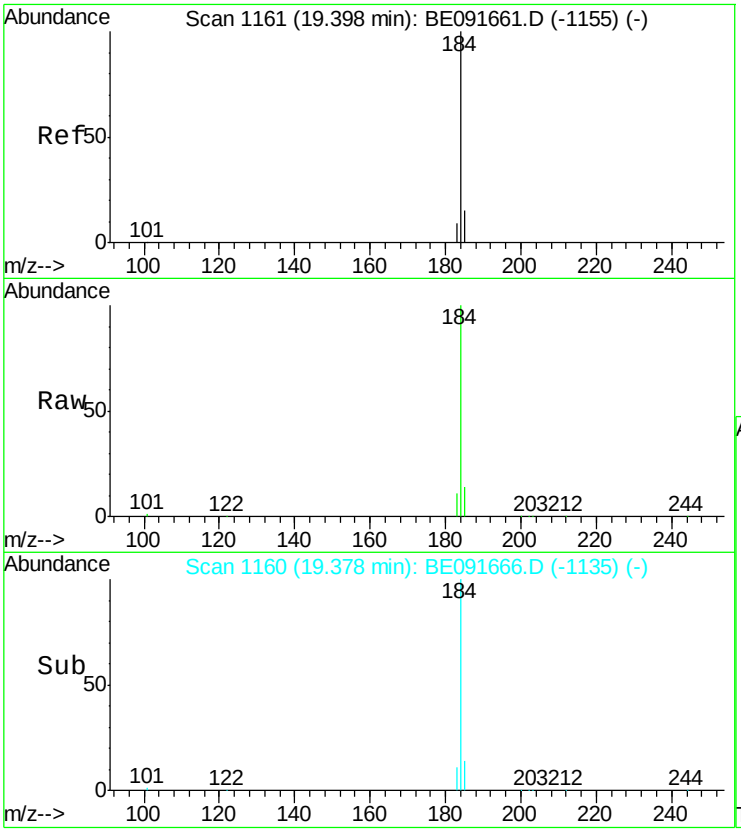


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:240 Resp: 316417

Ion	Ratio	Lower	Upper
240	100		
120	1.6	11.0	16.4#
236	24.8	21.7	32.5



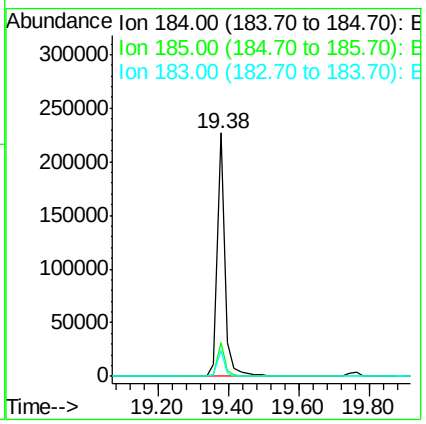


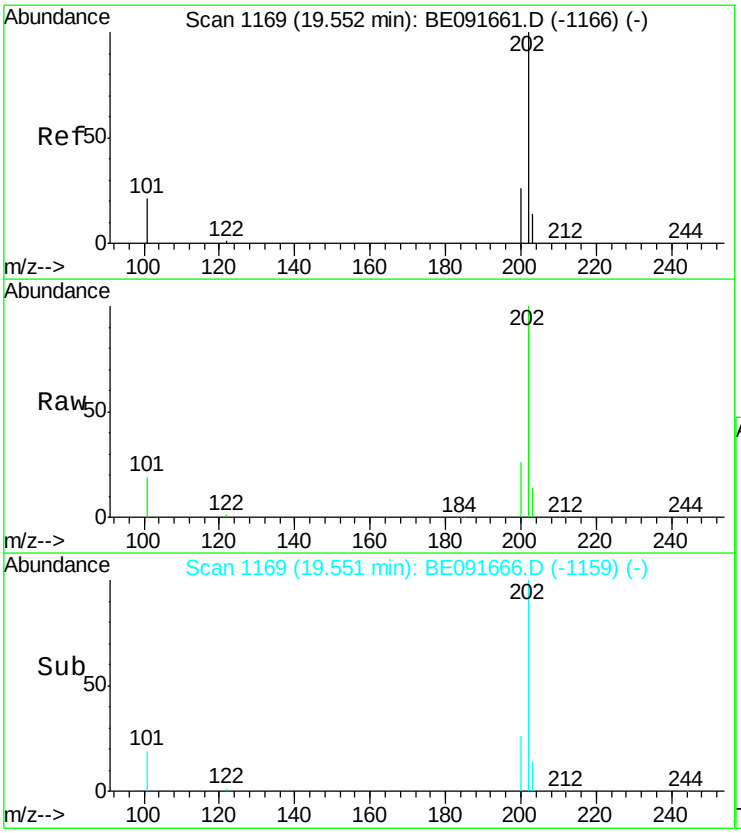
#27
Benzidine
Concen: 16.05 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:184 Resp: 334287

Ion	Ratio	Lower	Upper
184	100		
185	14.0	22.3	33.5#
183	10.7	16.4	24.6#

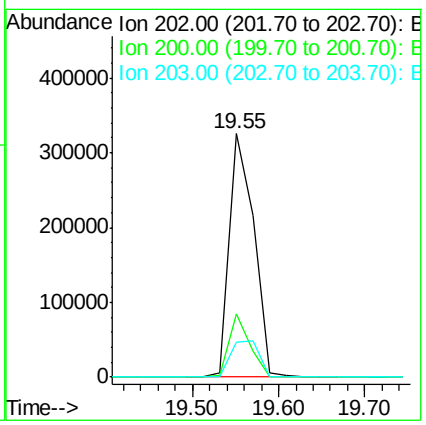


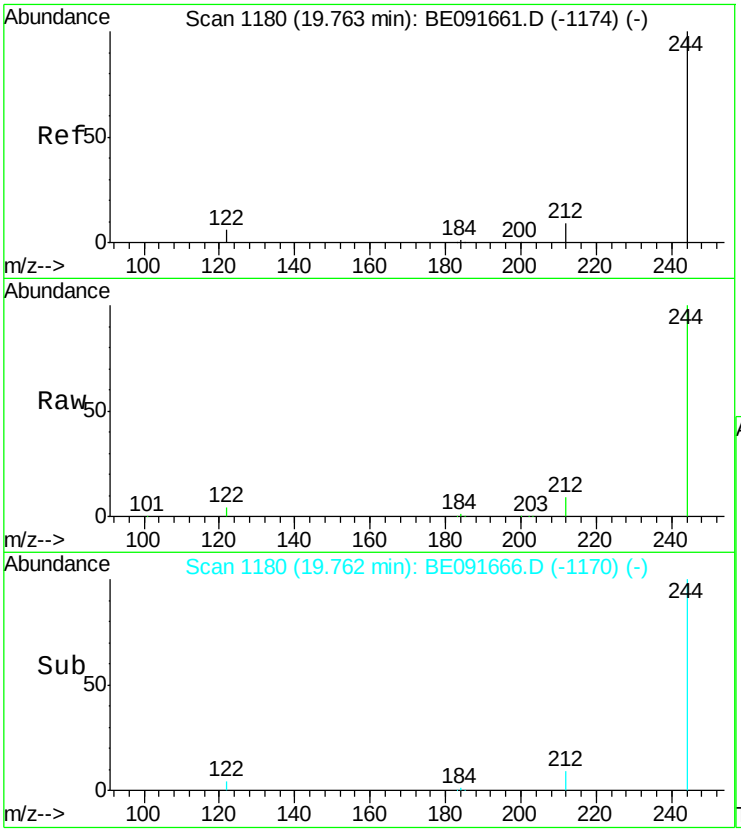


#28
Pyrene
Concen: 10.13 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:202 Resp: 641156

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	17.6	14.0	21.0



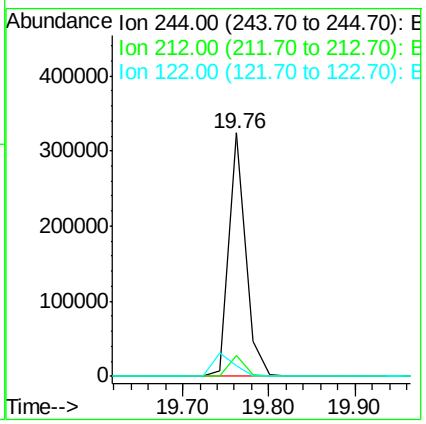


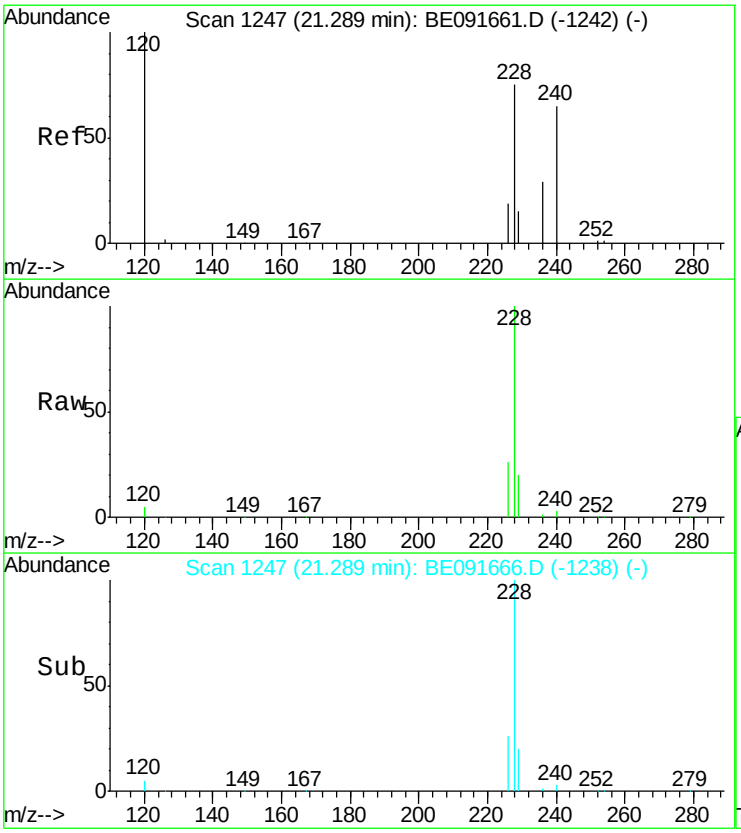
#29
Terphenyl-d14
Concen: 11.15 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:244 Resp: 440589

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	4.3	11.0	16.4#

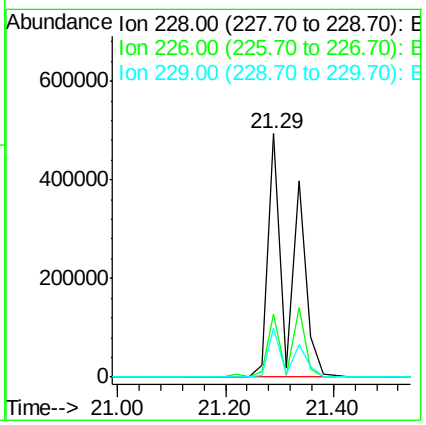


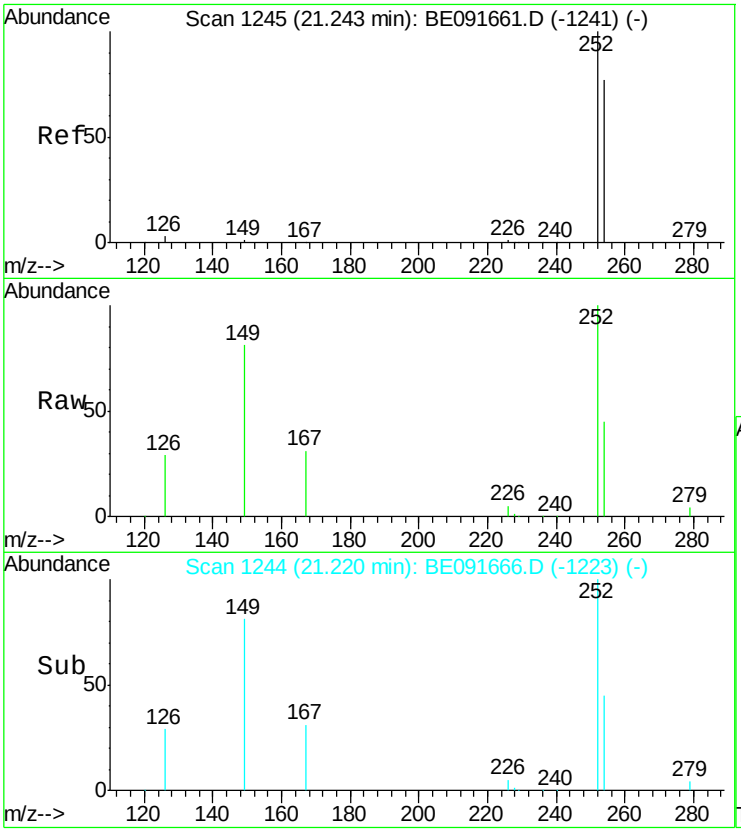


#30
Benzo(a)anthracene
Concen: 20.01 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:228 Resp: 1416545

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.0	31.4
229	20.3	15.7	23.5



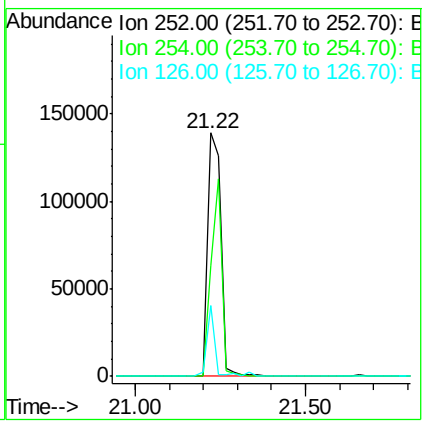


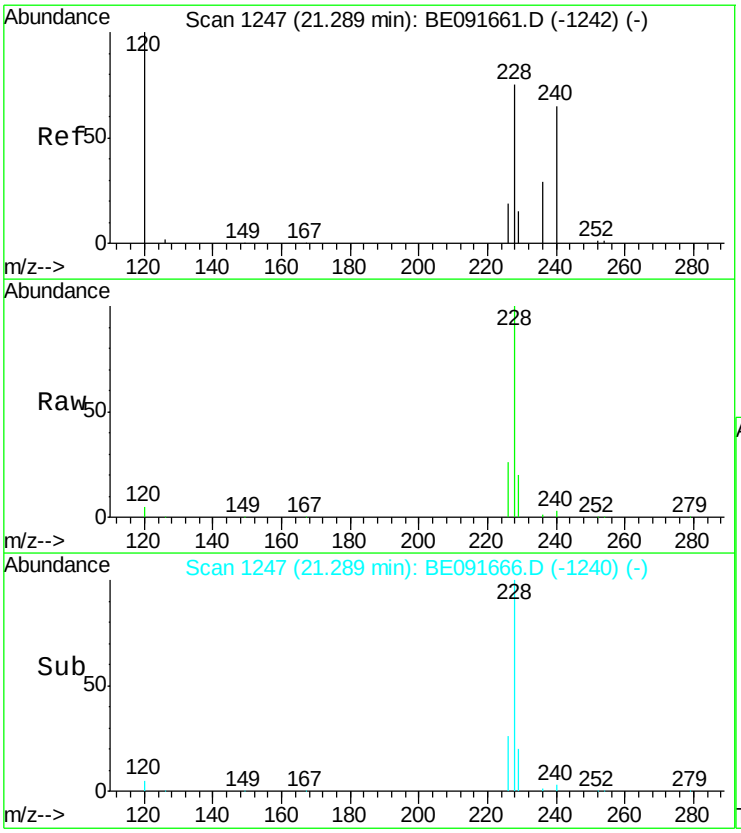
#31
3,3'-Dichlorobenzidine
Concen: 10.09 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 382206

Ion	Ratio	Lower	Upper
252	100		
254	45.4	51.1	76.7#
126	29.0	12.6	18.8#

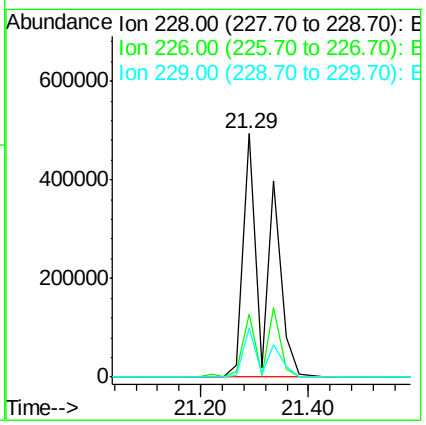


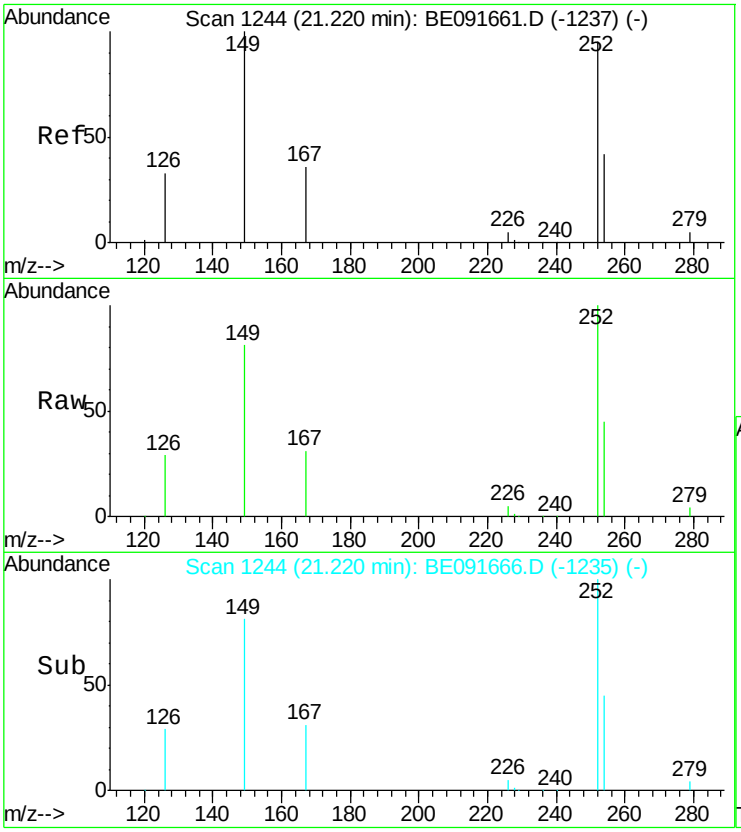


#32
Chrysene
Concen: 22.12 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:228 Resp: 1421372

Ion	Ratio	Lower	Upper
228	100		
226	26.0	24.0	36.0
229	20.3	15.9	23.9



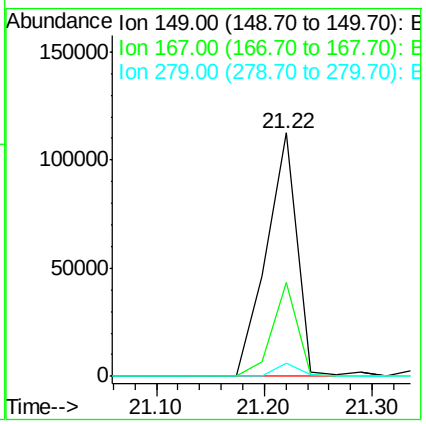


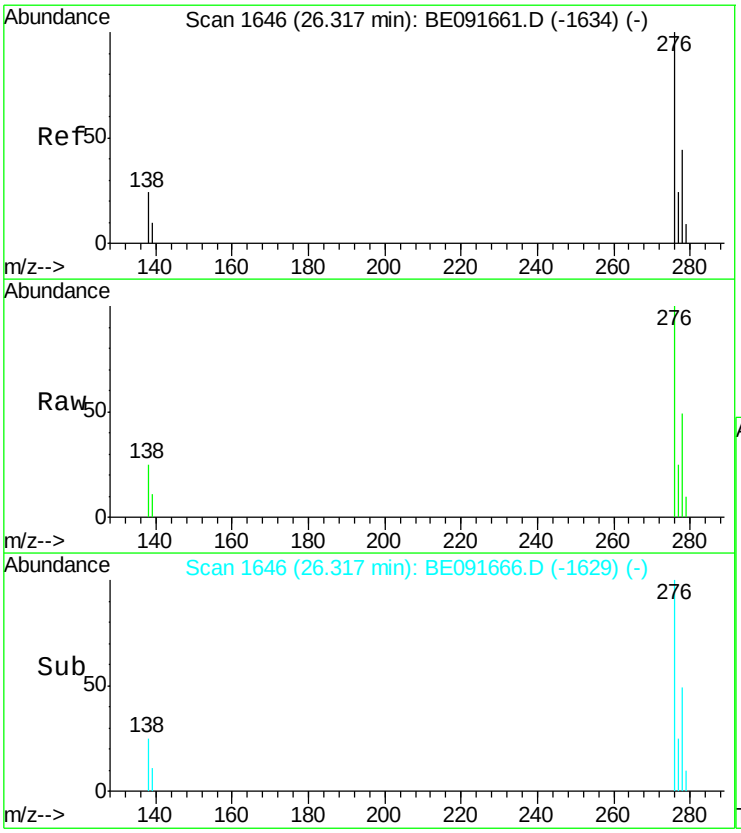
#33
Bis(2-ethylhexyl)phthalate
Concen: 7.10 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:149 Resp: 221914

Ion	Ratio	Lower	Upper
149	100		
167	31.5	19.5	29.3#
279	4.2	10.0	15.0#

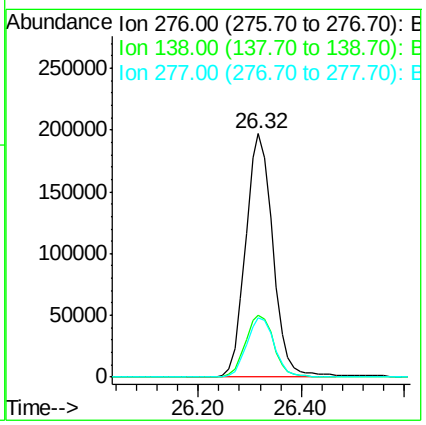


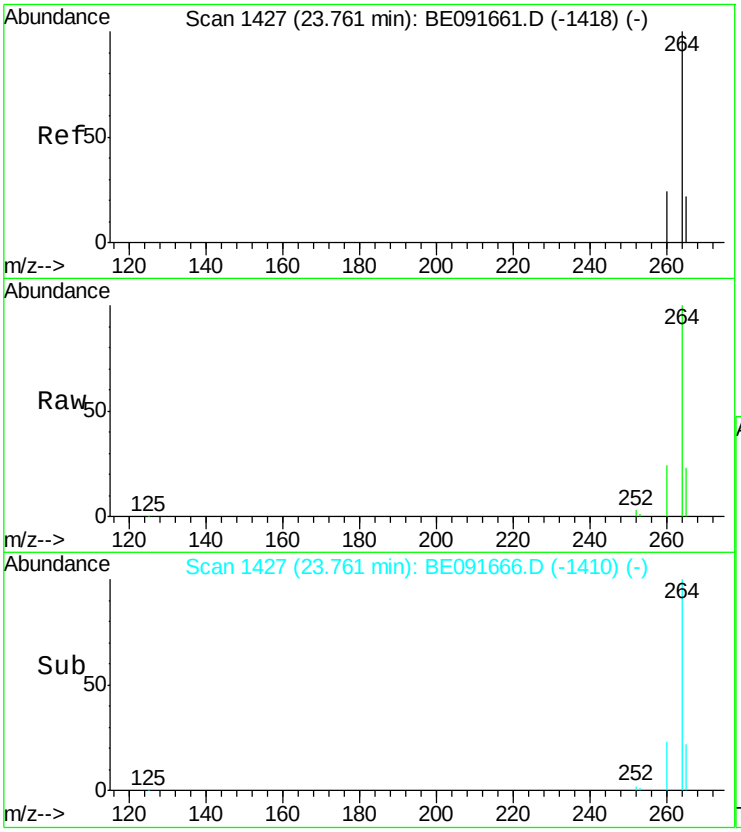


#34
Indeno(1,2,3-cd)pyrene
Concen: 10.09 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:276 Resp: 722913

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.4	35.2
277	24.9	19.8	29.8



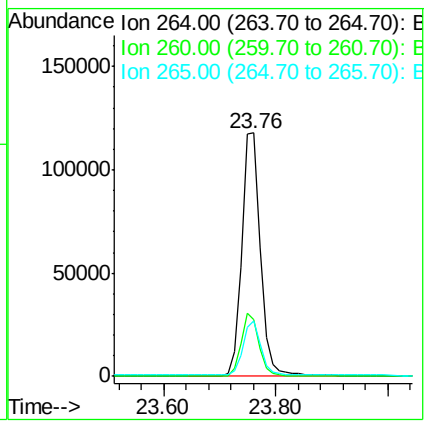


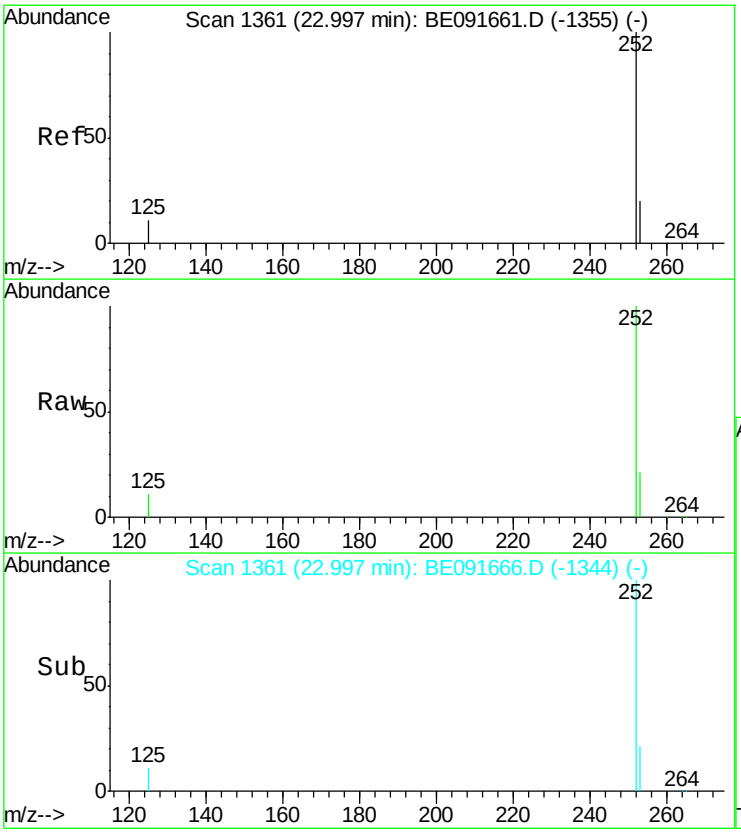
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:264 Resp: 276648

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.0	30.0
265	22.7	17.5	26.3

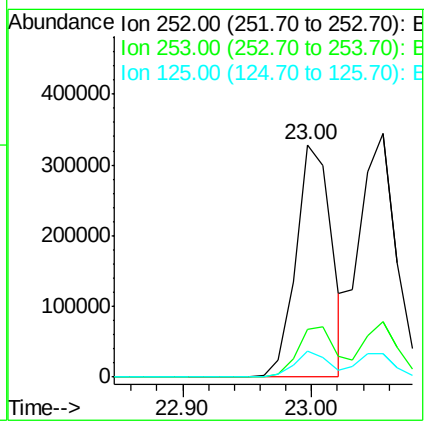


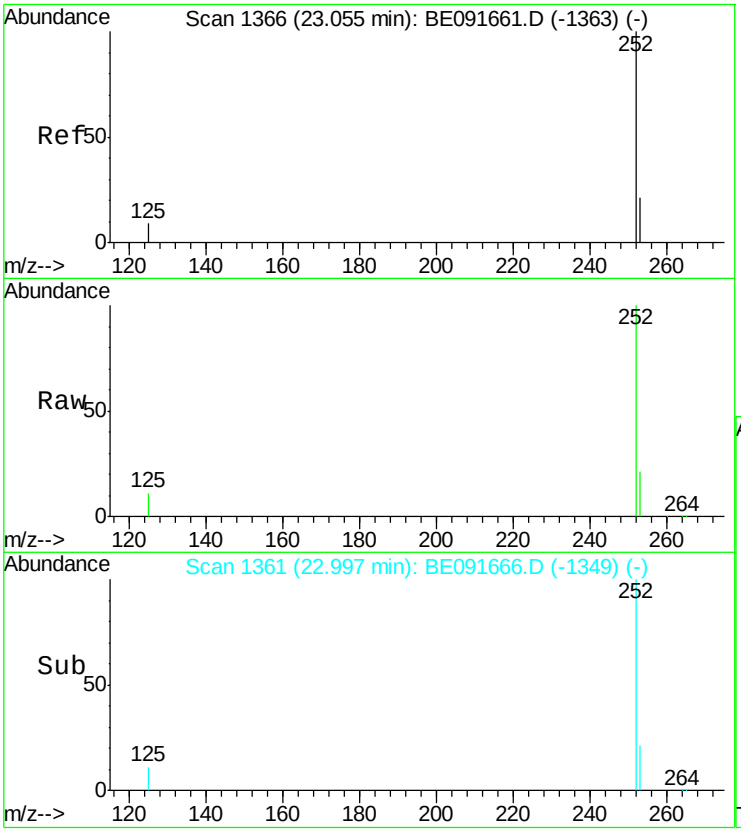


#36
Benzo(b)fluoranthene
Concen: 9.78 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:252 Resp: 628201

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.4	26.0
125	10.9	10.2	15.2



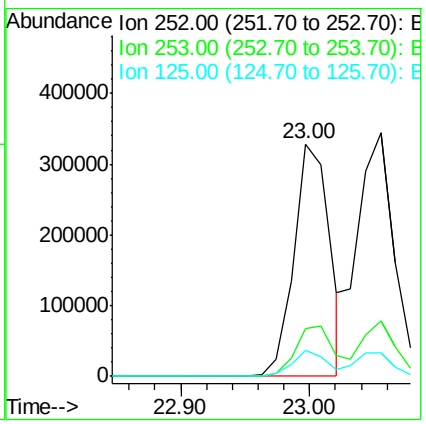


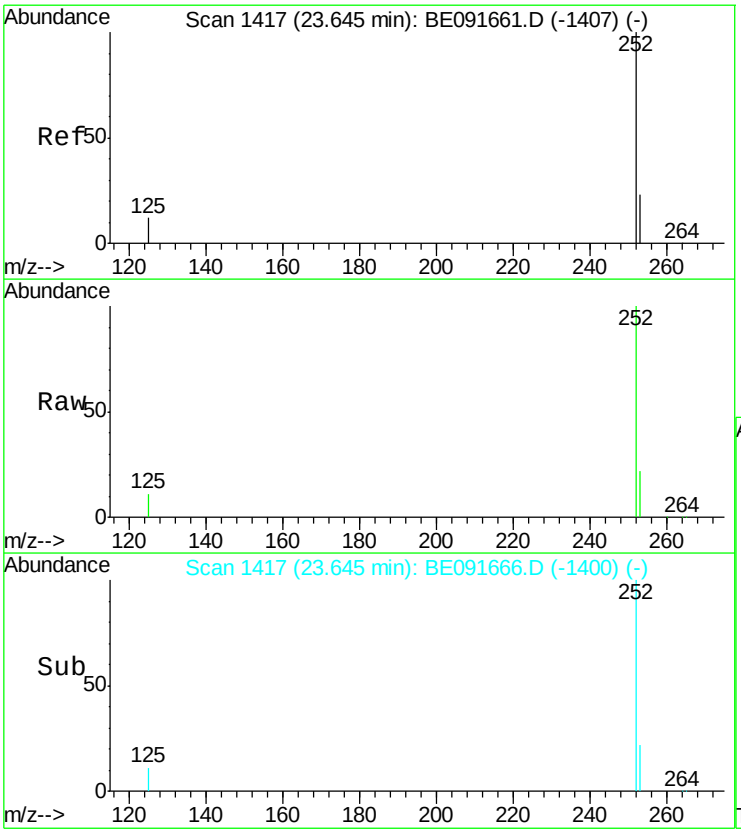
#37
Benzo(k)fluoranthene
Concen: 9.92 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.06 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:252 Resp: 628201

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	10.9	9.9	14.9

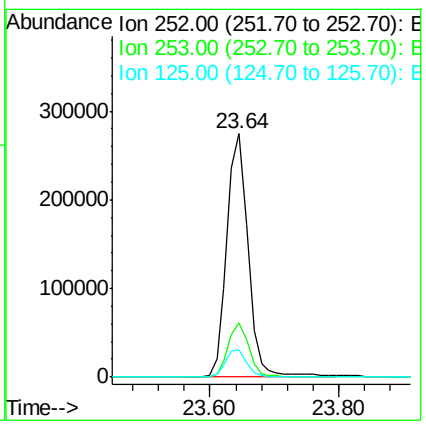


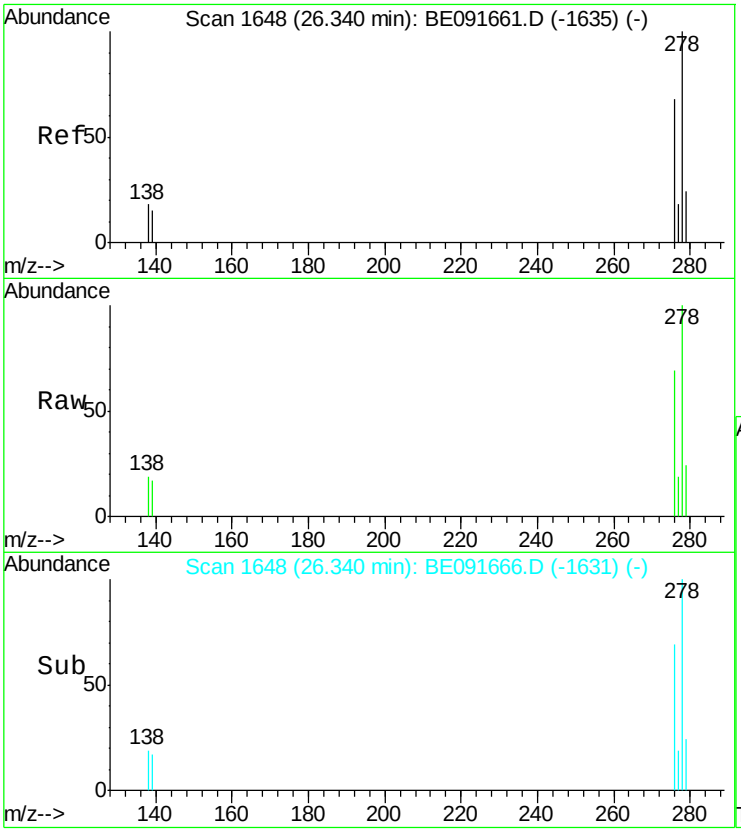


#38
Benzo(a)pyrene
Concen: 10.50 ng
RT: 23.64 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:252 Resp: 626739

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.1	11.0	16.4



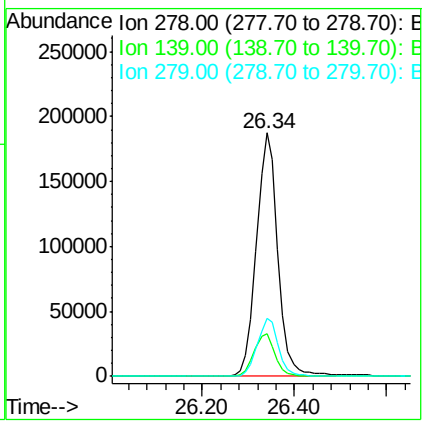


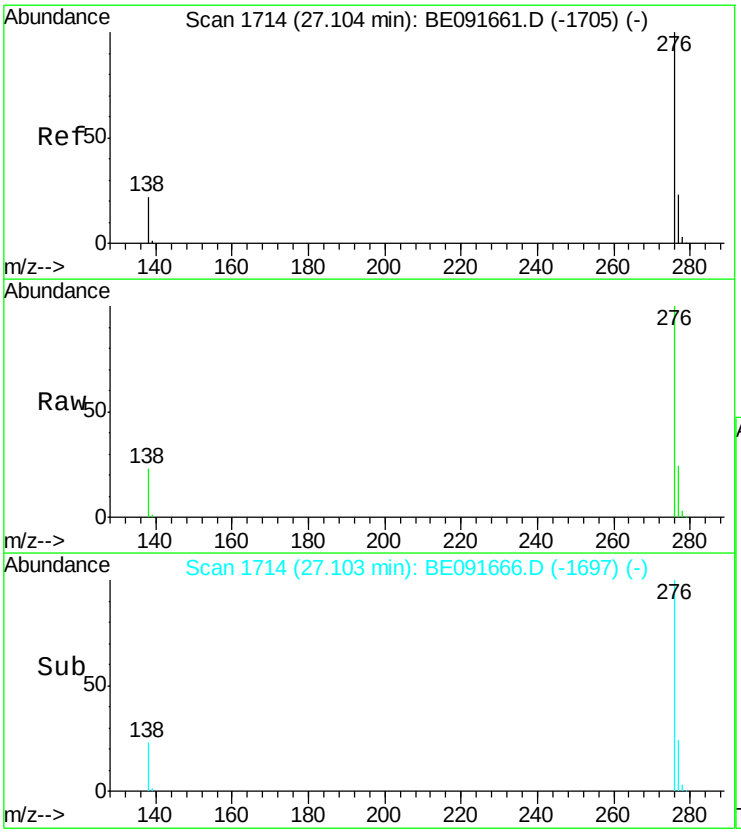
#39
Dibenzo(a,h)anthracene
Concen: 10.21 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC10

Tgt Ion:278 Resp: 599965

Ion	Ratio	Lower	Upper
278	100		
139	17.4	16.0	24.0
279	23.9	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 10.10 ng
RT: 27.10 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BE091666.D
Acq: 18 Apr 2016 15:43

Tgt Ion:276 Resp: 611478

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	22.9	20.4	30.6