Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091702.d
Acq On : 26 Apr 2016 13:45
Operator : UM/SJ
Sample : SSTDICC05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC05

Quant Time: Apr 26 14:36:59 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38233	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	186897	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	113794	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	305612	5.00	ng		0.00
26) Chrysene-d12	21.31	240	368151	5.00	ng		0.00
35) Perylene-d12	23.75	264	312607	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	46065	5.45	ng		0.00
5) Phenol-d6	6.96	99	64709	5.66	ng		0.00
8) Nitrobenzene-d5	8.95	82	62042	6.23	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	23332	8.77	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	155574	4.94	ng		0.00
29) Terphenyl-d14	19.76	244	251531	4.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	22352	4.75	ng		96
3) n-Nitrosodimethylamine	3.63	42	34218	6.23	ng		89
6) bis(2-Chloroethyl)ether	7.21	93	55835	5.43	ng	#	77
9) Nitrobenzene	8.98	77	66088	6.62	ng		92
10) Naphthalene	10.61	128	181450	4.76	ng		97
11) Hexachlorobutadiene	10.92	225	28427	5.22	ng		97
12) 2-Methylnaphthalene	12.23	142	122460	5.01	ng		95
16) Acenaphthylene	14.12	152	240774	5.29	ng	#	86
17) Acenaphthene	14.47	154	142695	5.09	ng		93
18) Fluorene	15.46	166	178311	5.13	ng		98
20) 4-Bromophenyl-phenylether	16.33	248	51154	4.91	ng		95
21) Hexachlorobenzene	16.45	284	48728	4.35	ng		96
22) Pentachlorophenol	16.79	266	29105	7.99	ng		89
23) Phenanthrene	17.18	178	305028	4.44	ng		99
24) Anthracene	17.28	178	302757	4.94	ng		98
25) Fluoranthene	19.19	202	335305	4.94	ng		98
27) Benzidine	19.38	184	145505	6.77	ng	#	76
28) Pyrene	19.55	202	375065	4.41	ng		99
30) Benzo(a)anthracene	21.29	228	805953	9.01	ng		99
31) 3,3'-Dichlorobenzidine	21.22	252	220369	5.86	ng	#	77
32) Chrysene	21.29	228	808597	8.29	ng		95
33) Bis(2-ethylhexyl)phthalate	21.22	149	136623	7.95	ng	#	84
34) Indeno(1,2,3-cd)pyrene	26.32	276	391425	4.49	ng		97
36) Benzo(b)fluoranthene	23.00	252	351630	4.69	ng		97
37) Benzo(k)fluoranthene	23.04	252	373560	5.06	ng		97
38) Benzo(a)pyrene	23.63	252	338658	5.22	ng		96
39) Dibenzo(a,h)anthracene	26.34	278	324610	4.88	ng		96
40) Benzo(g,h,i)perylene	27.10	276	325137	4.77	ng		96

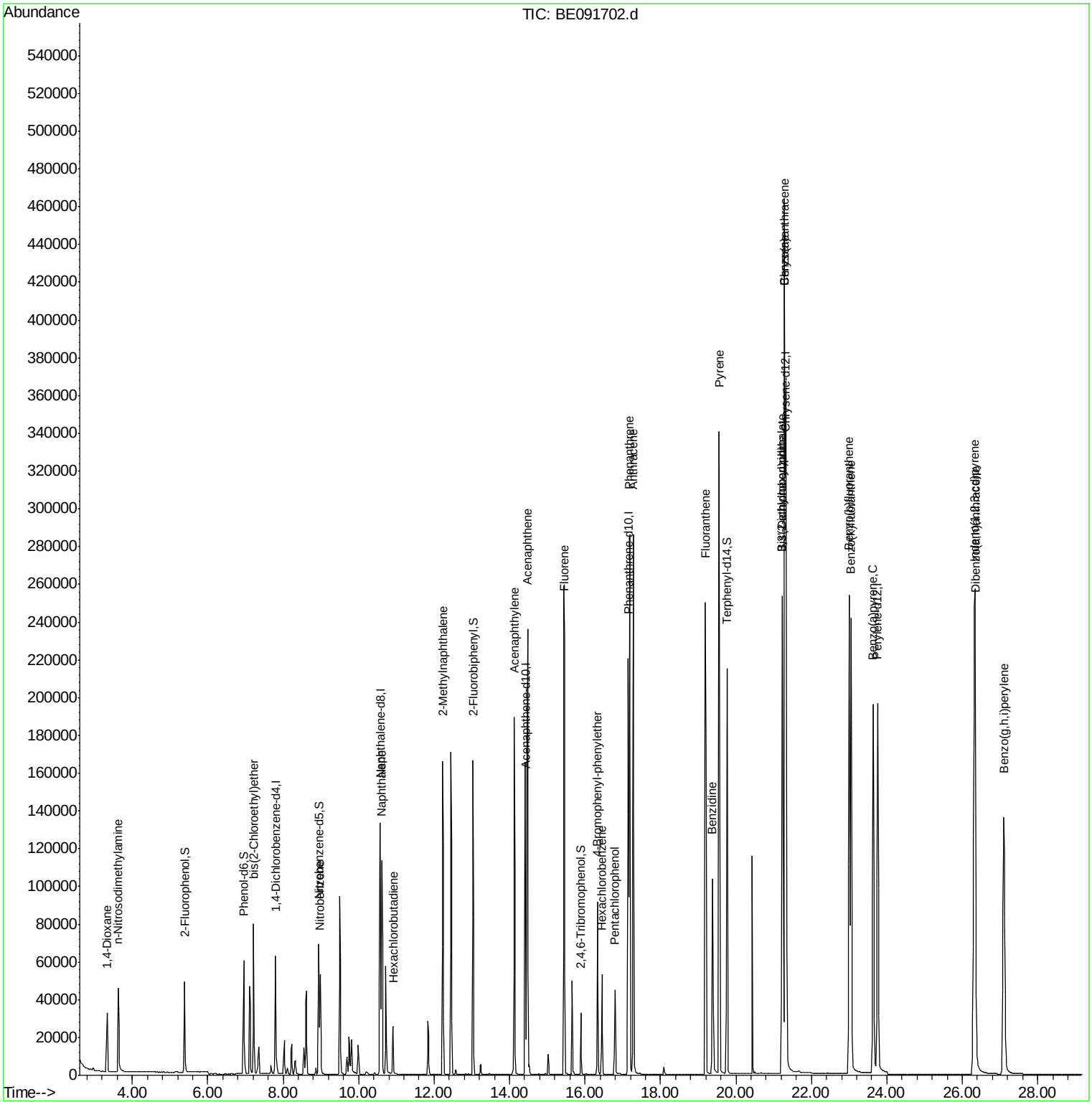
(#) = qualifier out of range (m) = manual integration (+) = signals summed

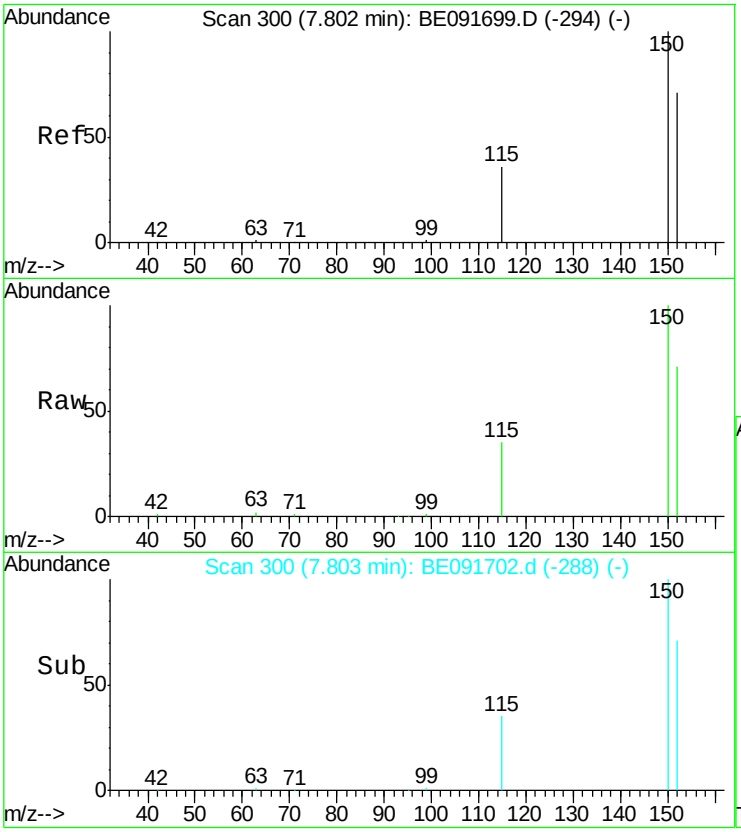
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042616\
Data File : BE091702.d
Acq On : 26 Apr 2016 13:45
Operator : UM/SJ
Sample : SSTDICC05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Quant Time: Apr 26 14:36:59 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 13:13:58 2016
Response via : Initial Calibration



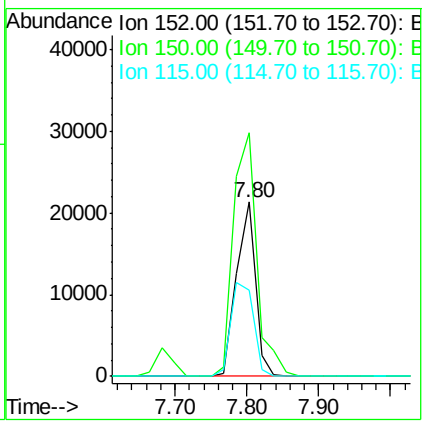


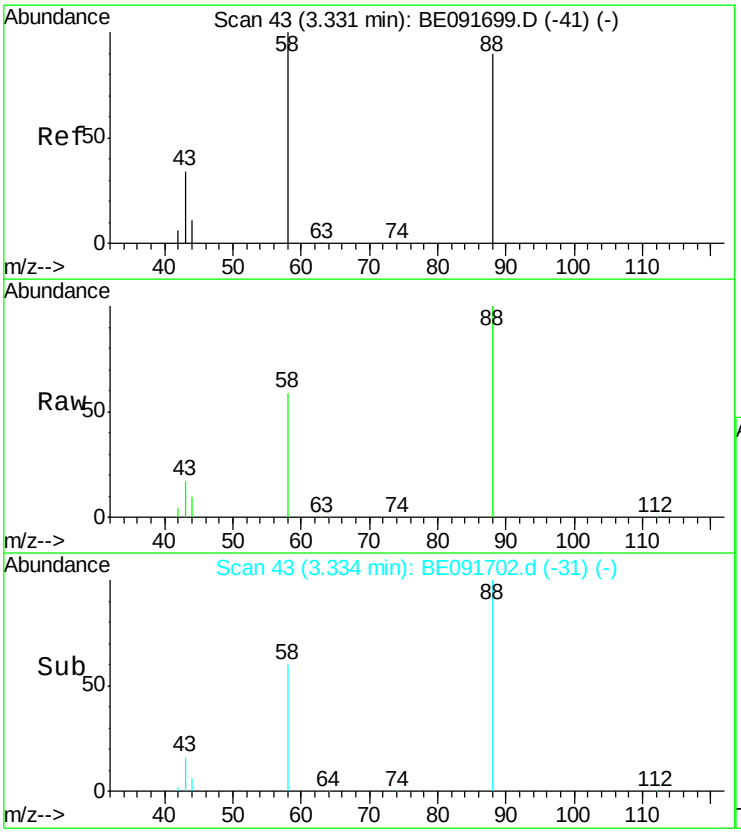
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:152 Resp: 38233

Ion	Ratio	Lower	Upper
152	100		
150	140.0	122.6	183.8
115	49.5	52.8	79.2#

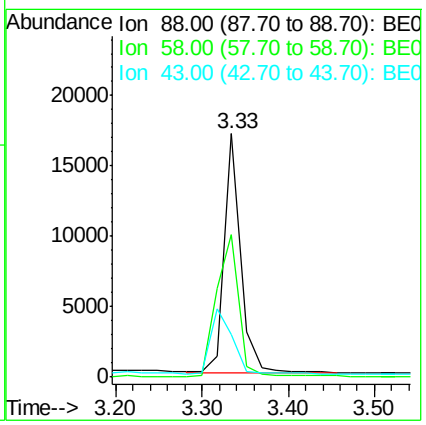


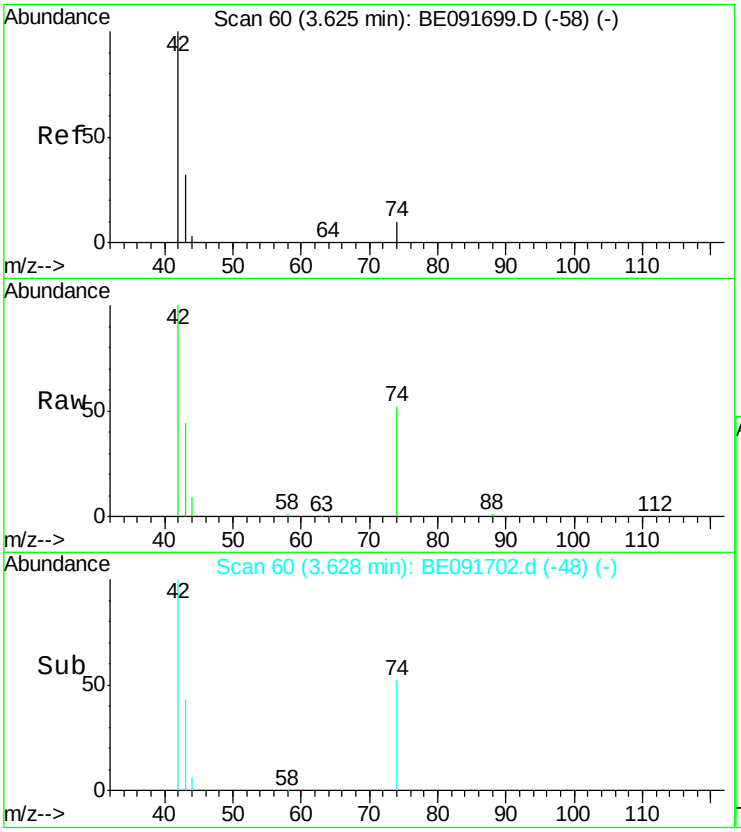


#2
1,4-Dioxane
Concen: 4.75 ng
RT: 3.33 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion: 88 Resp: 22352

Ion	Ratio	Lower	Upper
88	100		
58	80.5	65.8	98.6
43	36.0	25.3	37.9



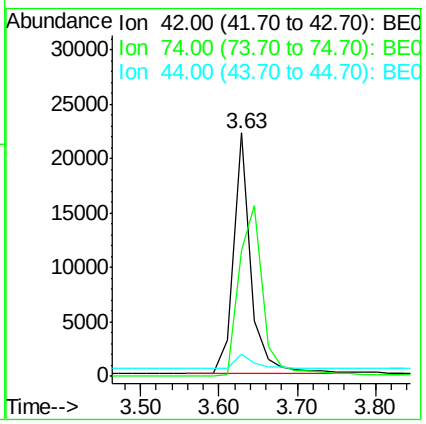


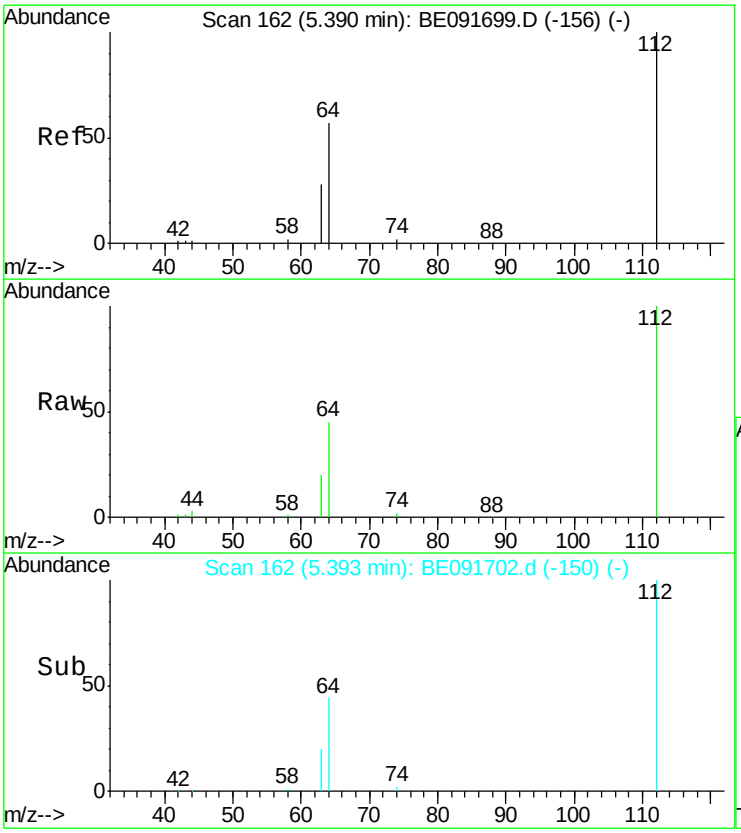
#3
n-Nitrosodimethylamine
Concen: 6.23 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion: 42 Resp: 34218

Ion	Ratio	Lower	Upper
42	100		
74	97.5	87.9	131.9
44	6.7	6.6	9.8

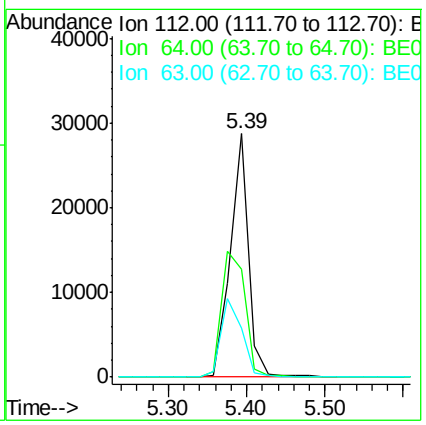


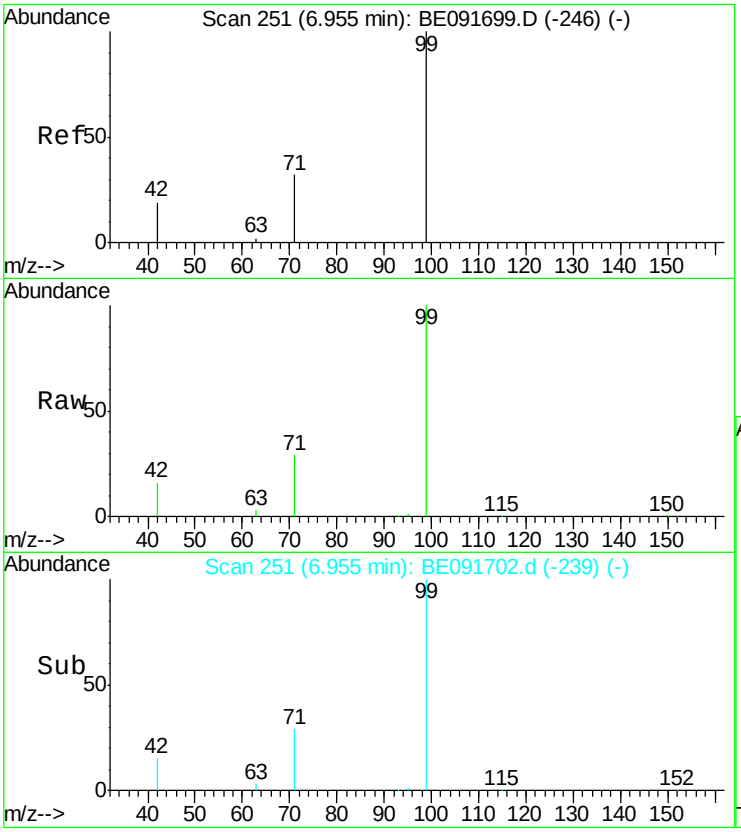


#4
2-Fluorophenol
Concen: 5.45 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:112 Resp: 46065

Ion	Ratio	Lower	Upper
112	100		
64	66.6	30.9	46.3#
63	36.2	16.7	25.1#



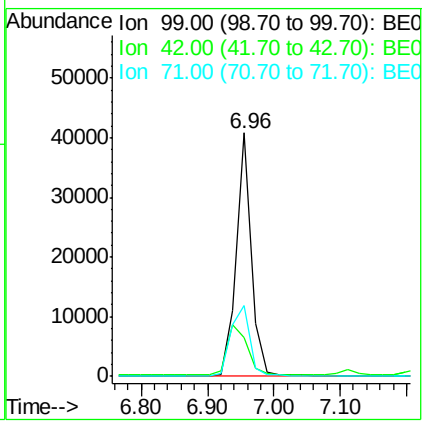


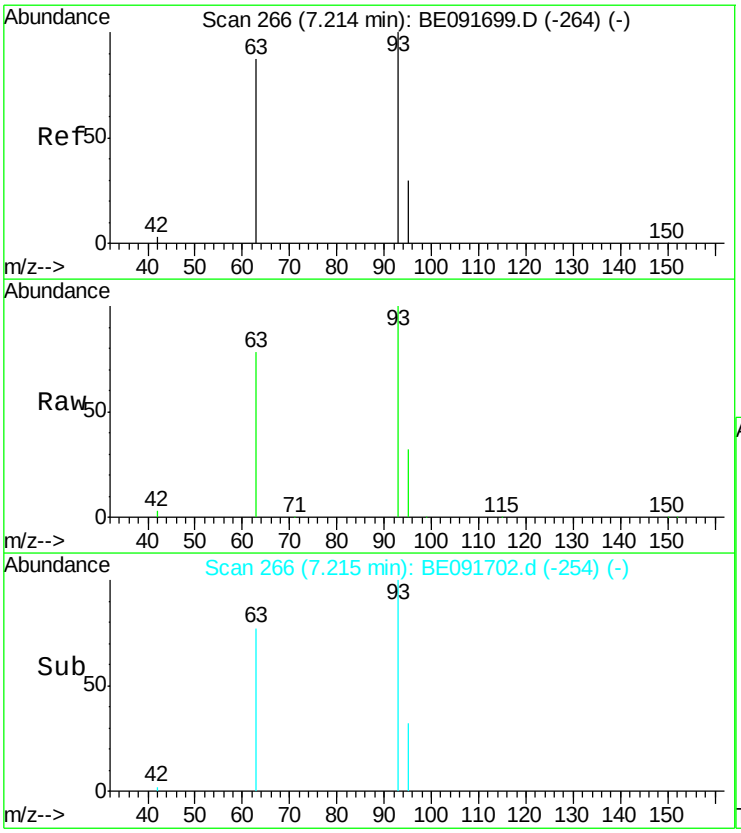
#5
Phenol-d6
Concen: 5.66 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion: 99 Resp: 64709

Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	35.9	29.0	43.4

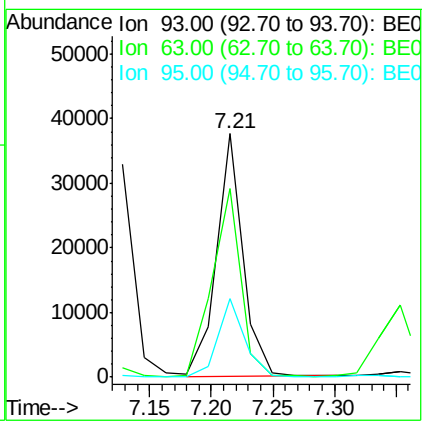


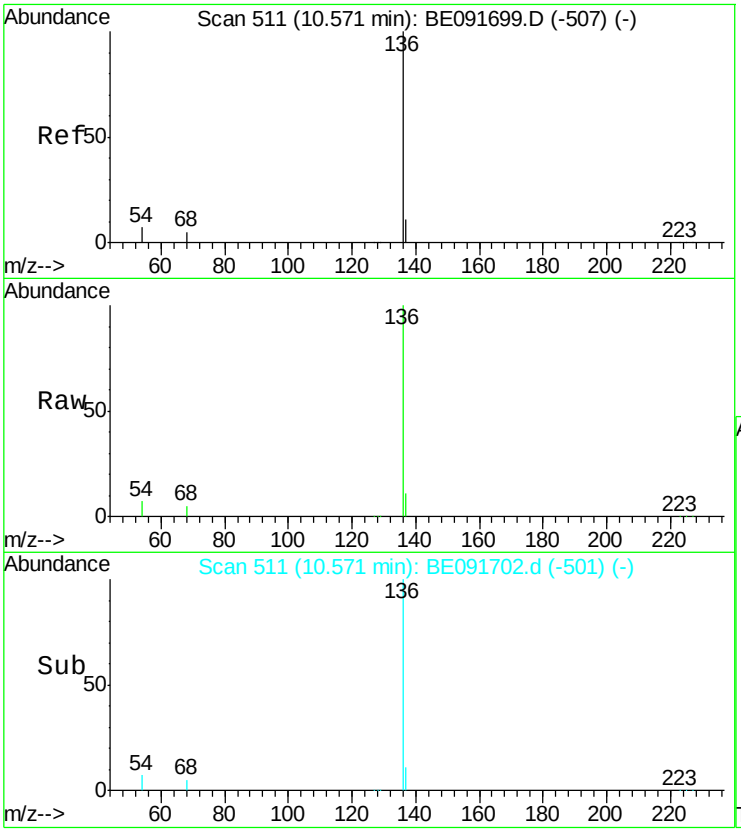


#6
bis(2-Chloroethyl)ether
Concen: 5.43 ng
RT: 7.21 min Scan# 266
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion: 93 Resp: 55835

Ion	Ratio	Lower	Upper
93	100		
63	84.2	49.5	74.3#
95	32.4	22.2	33.4



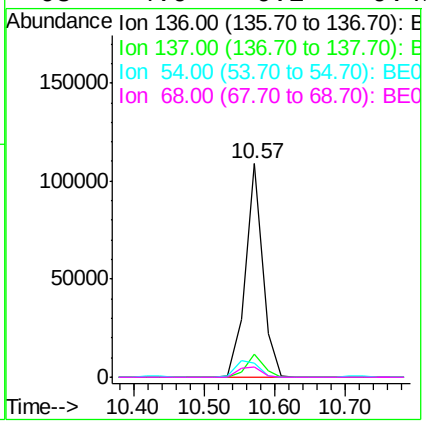


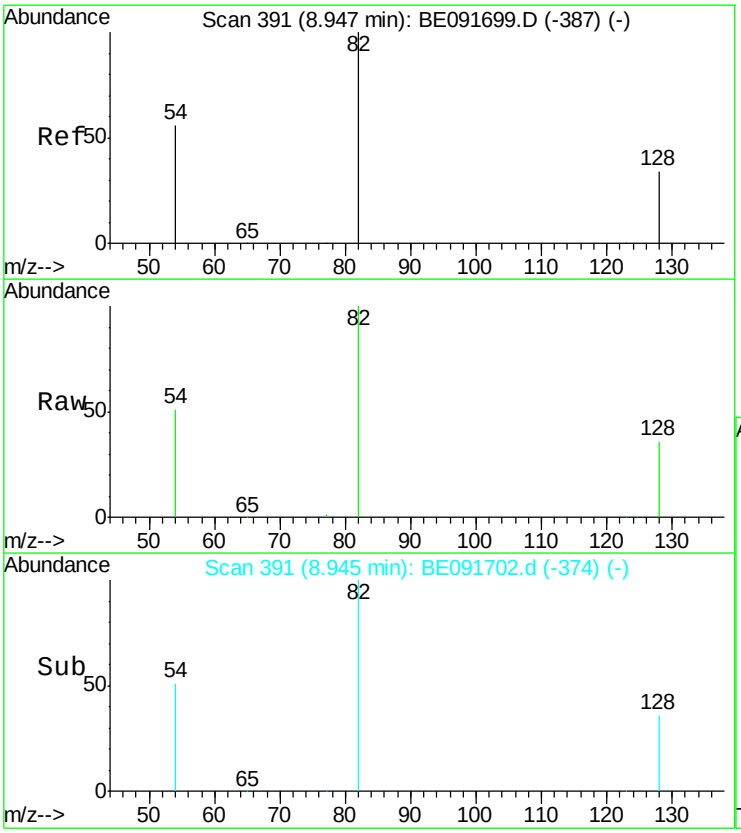
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:136 Resp: 186897

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	8.2	12.4#
68	4.9	6.2	9.4#

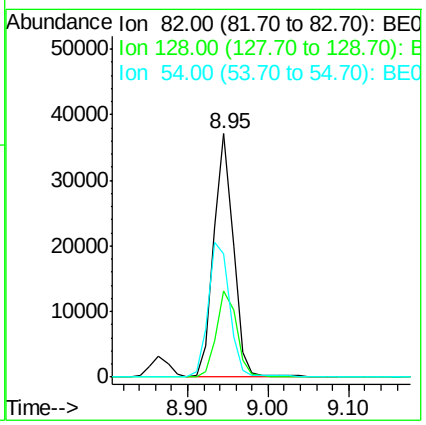


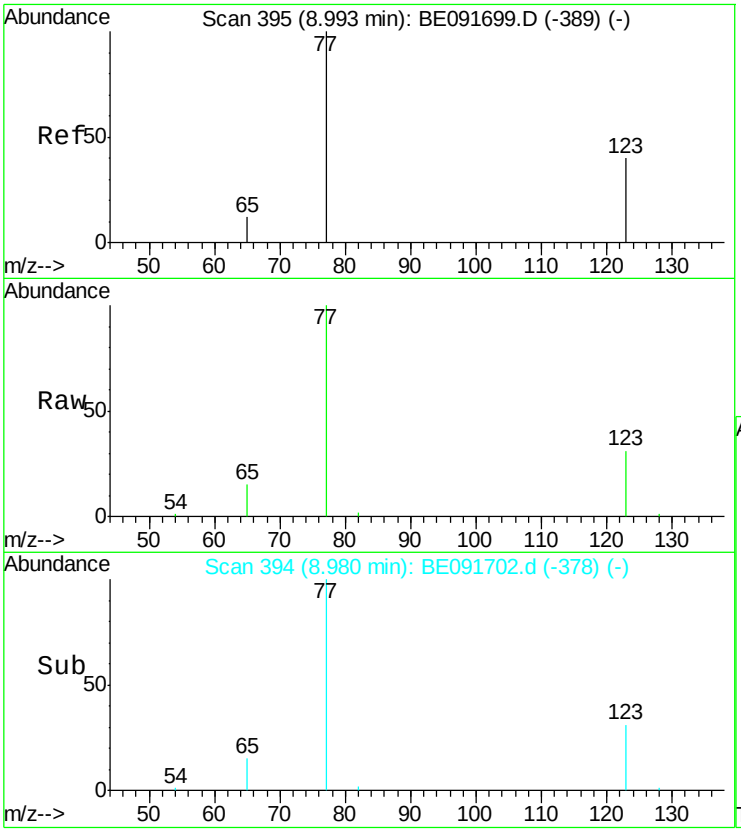


#8
Nitrobenzene-d5
Concen: 6.23 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion: 82 Resp: 62042

Ion	Ratio	Lower	Upper
82	100		
128	35.6	25.4	38.0
54	50.8	48.4	72.6



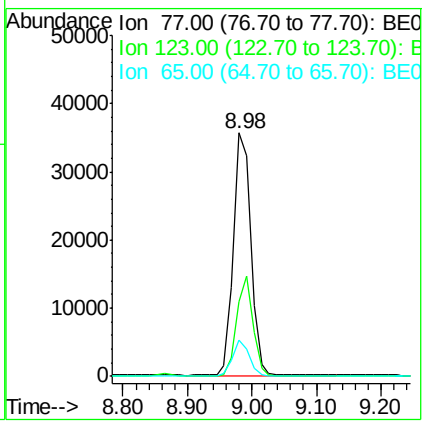


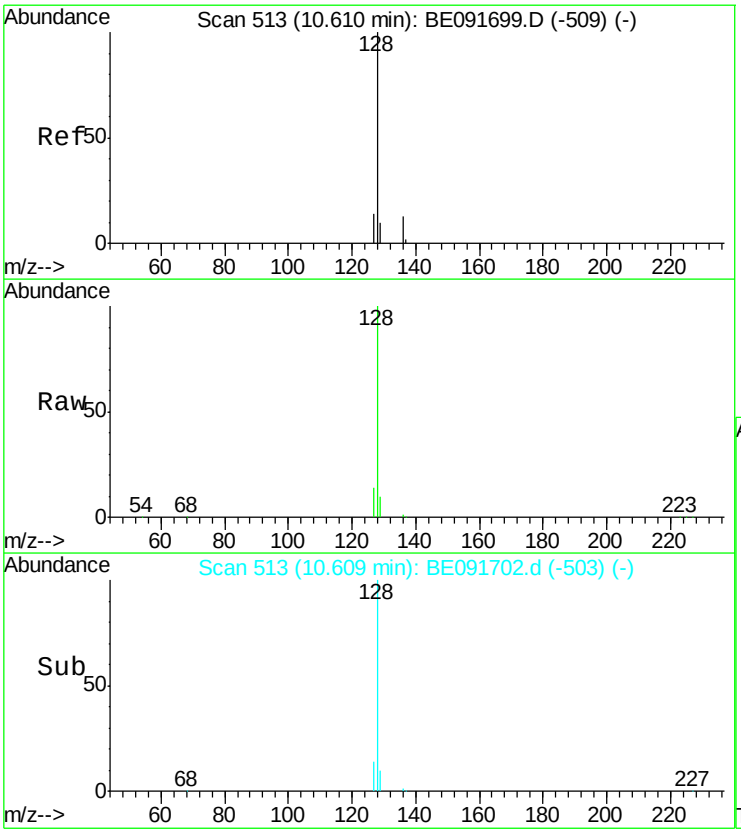
#9
Nitrobenzene
Concen: 6.62 ng
RT: 8.98 min Scan# 394
Delta R.T. -0.01 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion: 77 Resp: 66088

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

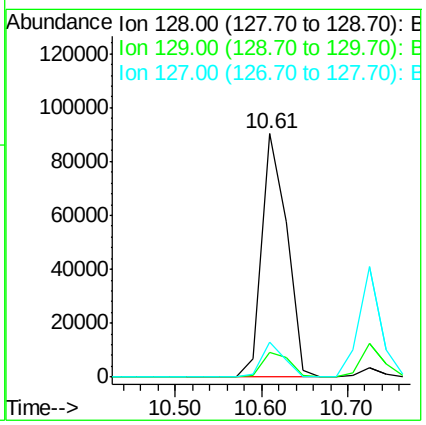


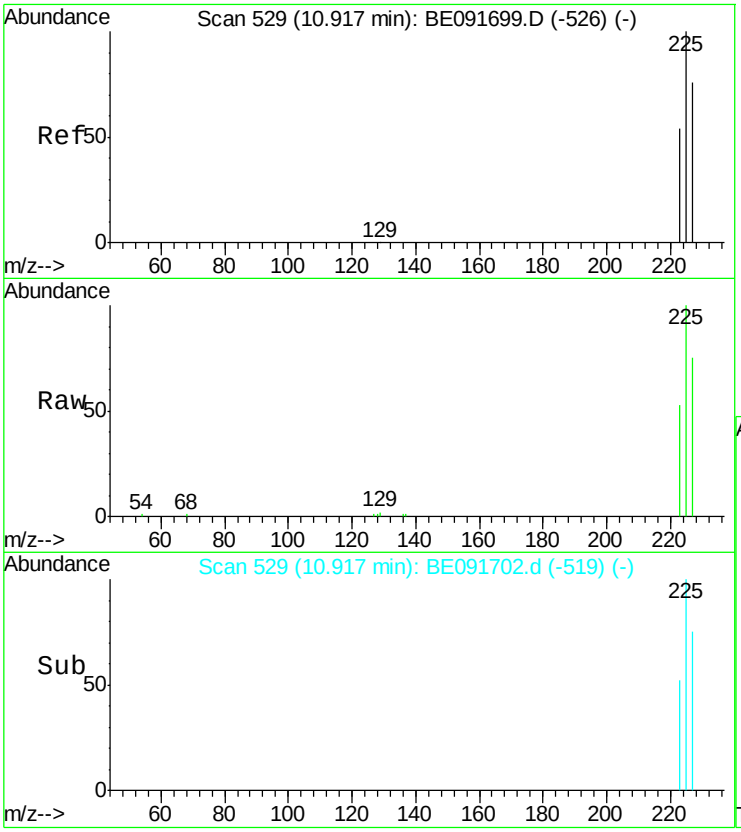


#10
Naphthalene
Concen: 4.76 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:128 Resp: 181450

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.3	13.9
127	14.3	10.7	16.1



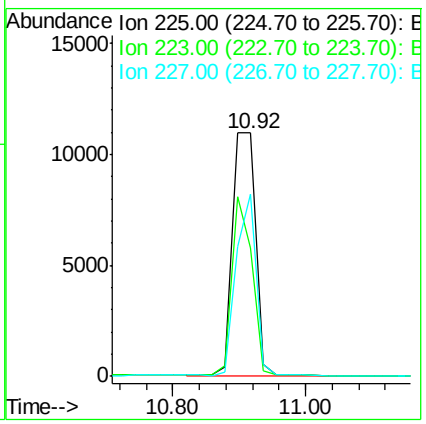


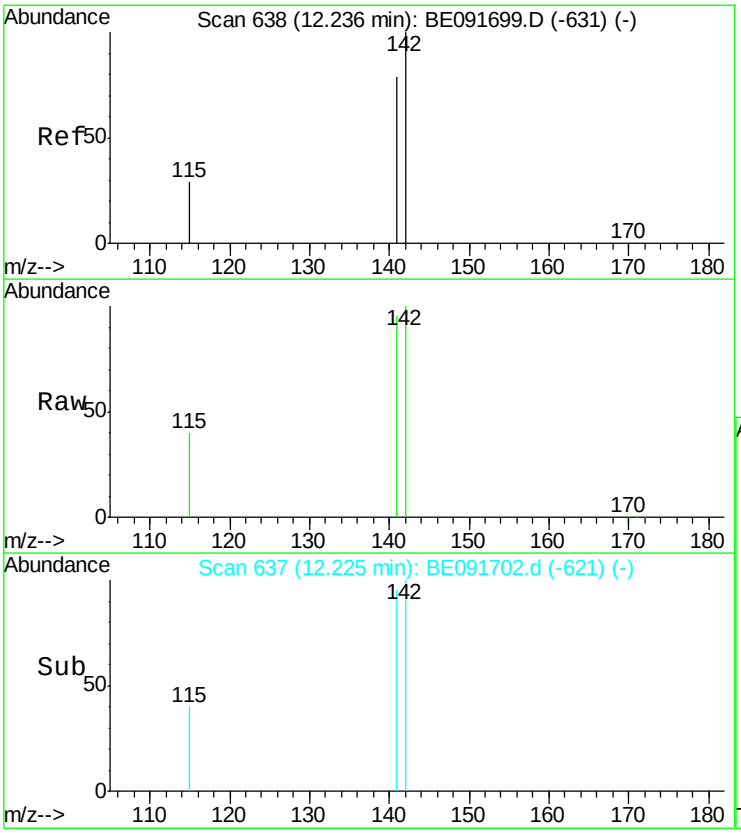
#11
Hexachlorobutadiene
Concen: 5.22 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:225 Resp: 28427

Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.0	73.6
227	65.0	50.3	75.5

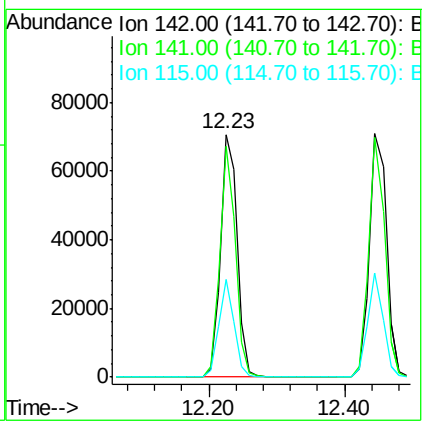


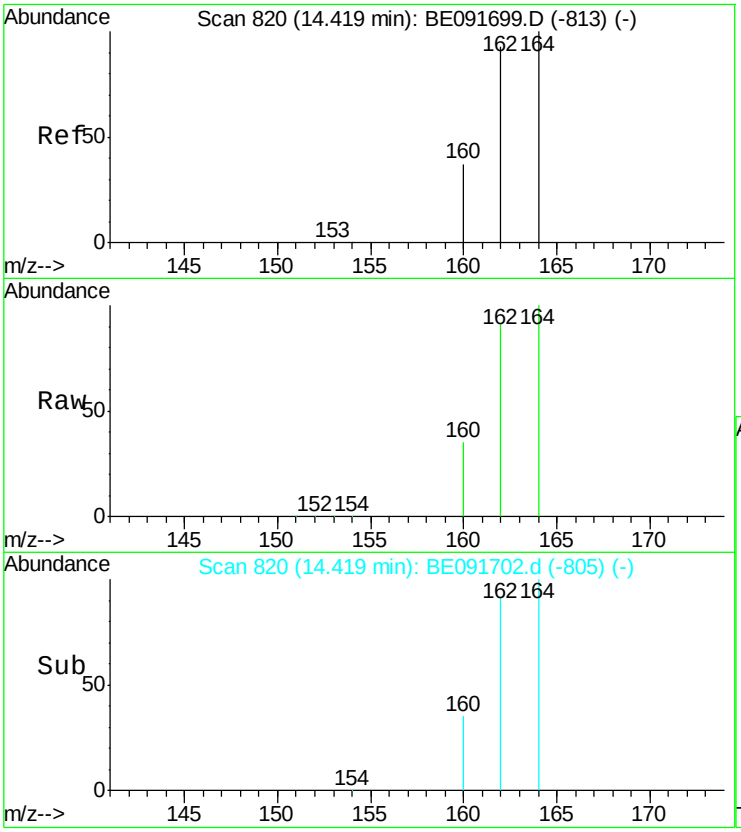


#12
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.23 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:142 Resp: 122460

Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.4	107.0
115	40.2	30.3	45.5



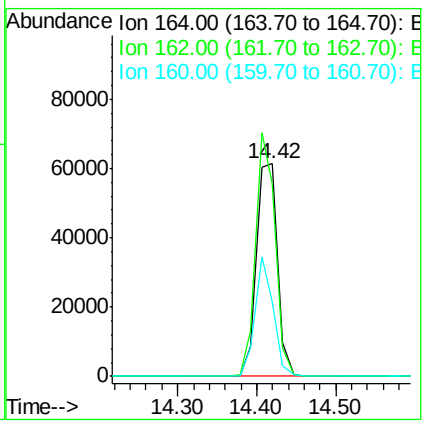


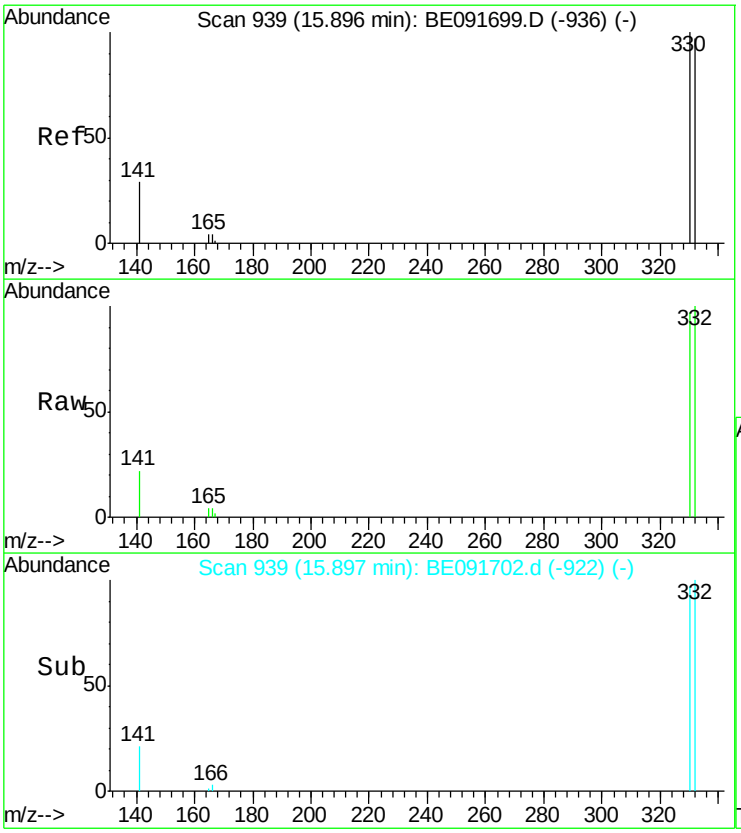
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:164 Resp: 113794

Ion	Ratio	Lower	Upper
164	100		
162	90.8	85.3	127.9
160	35.2	46.2	69.2#

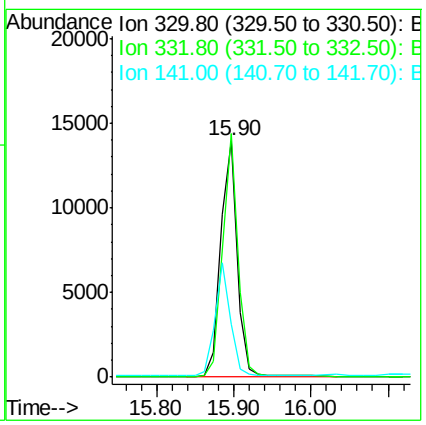


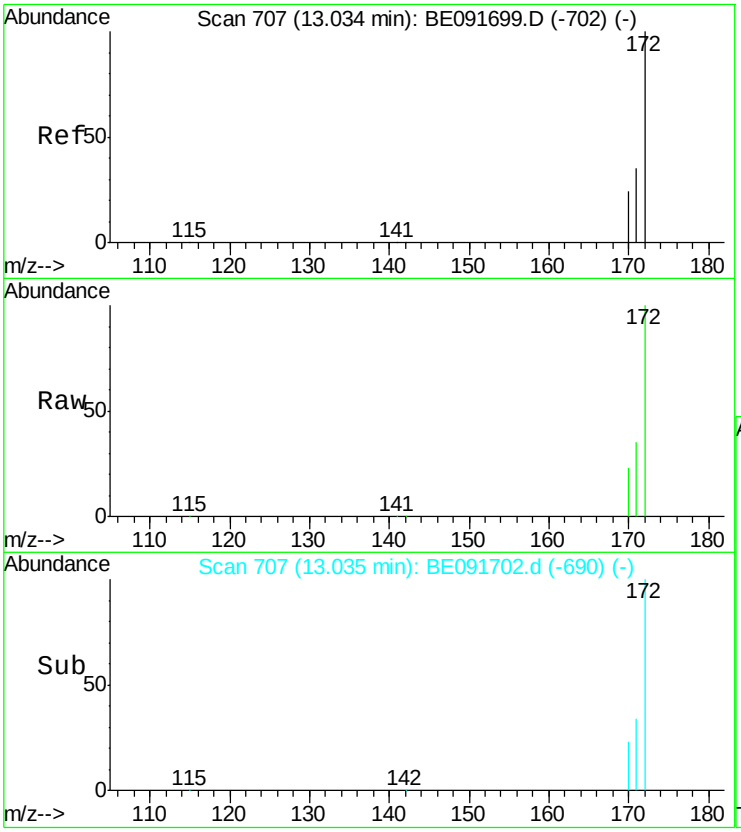


#14
2,4,6-Tribromophenol
Concen: 8.77 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:330 Resp: 23332

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	39.6	125.4	188.0#



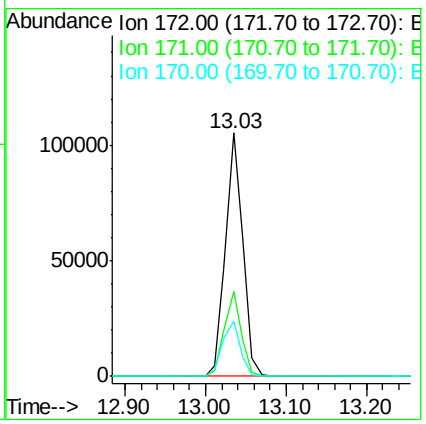


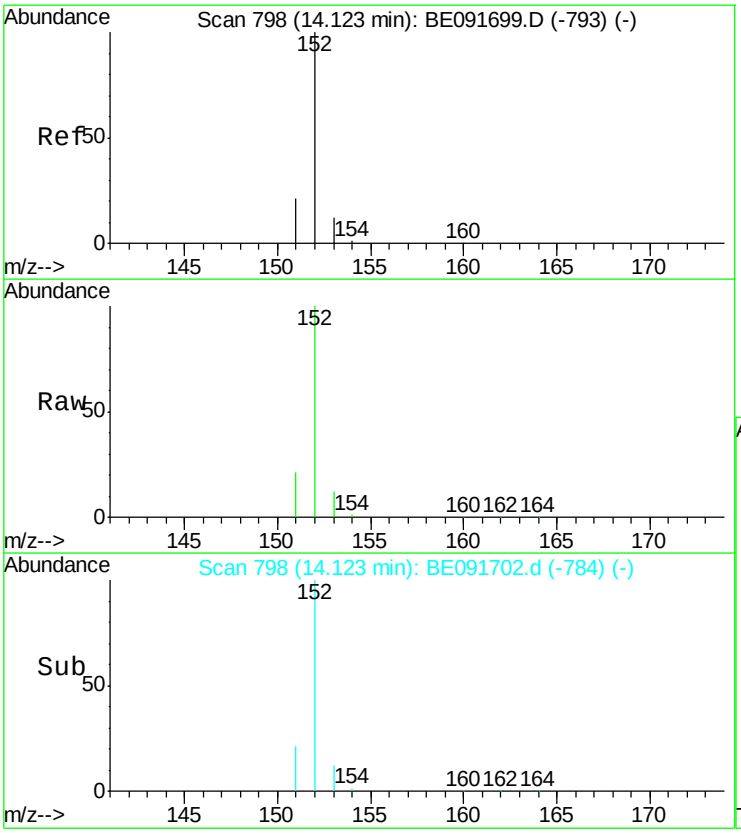
#15
2-Fluorobiphenyl
Concen: 4.94 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:172 Resp: 155574

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	22.9	19.3	28.9

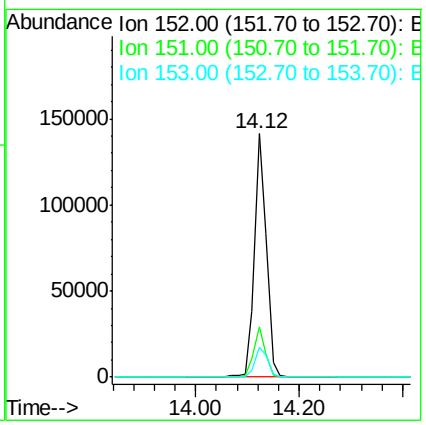


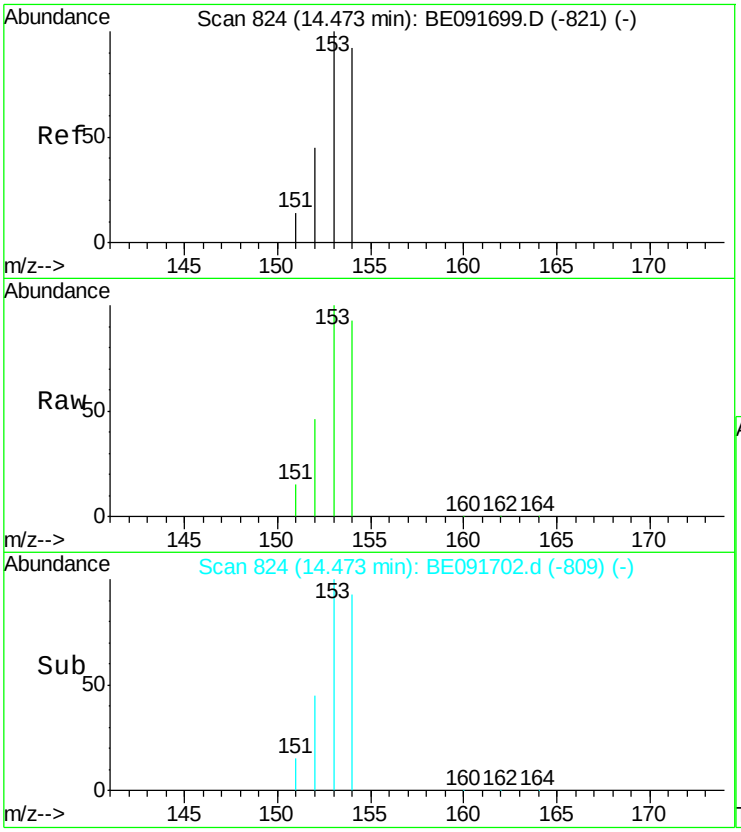


#16
Acenaphthylene
Concen: 5.29 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:152 Resp: 240774

Ion	Ratio	Lower	Upper
152	100		
151	20.1	3.9	5.9#
153	13.5	10.3	15.5



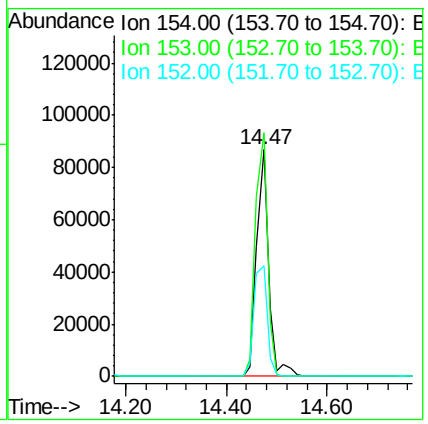


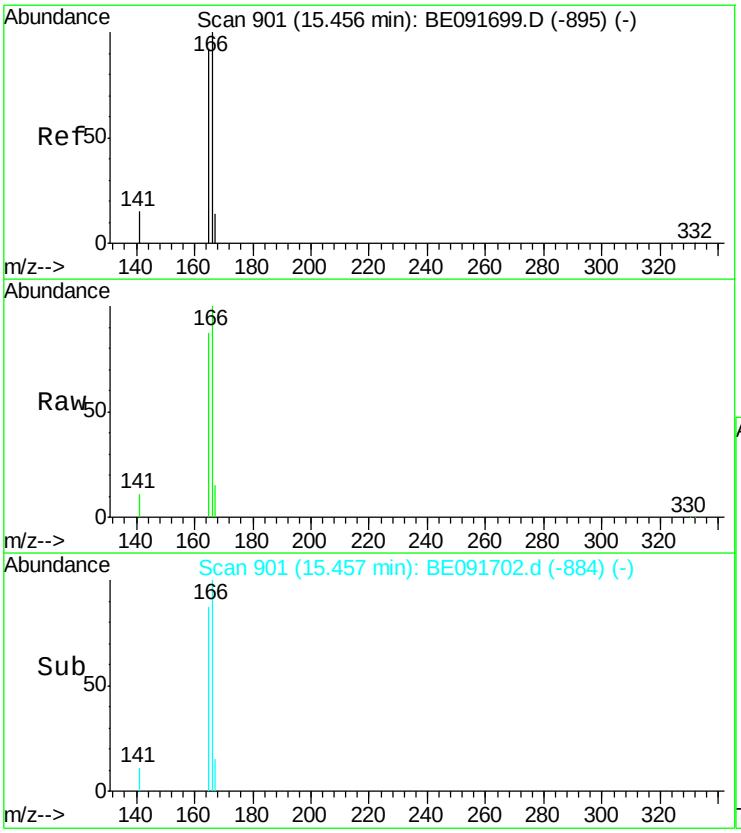
#17
Acenaphthene
Concen: 5.09 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:154 Resp: 142695

Ion	Ratio	Lower	Upper
154	100		
153	107.7	80.0	120.0
152	53.4	40.0	60.0

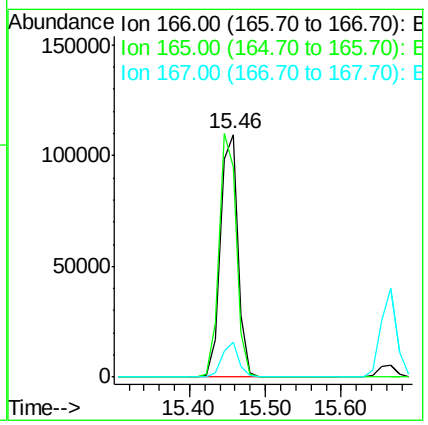


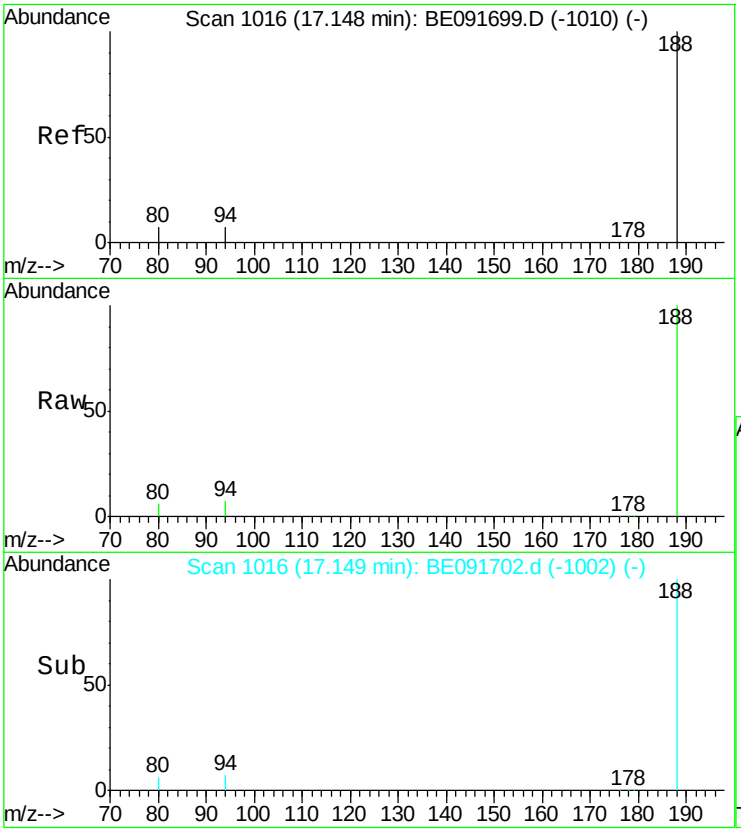


#18
Fluorene
Concen: 5.13 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:166 Resp: 178311

Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.8	121.2
167	13.5	10.9	16.3



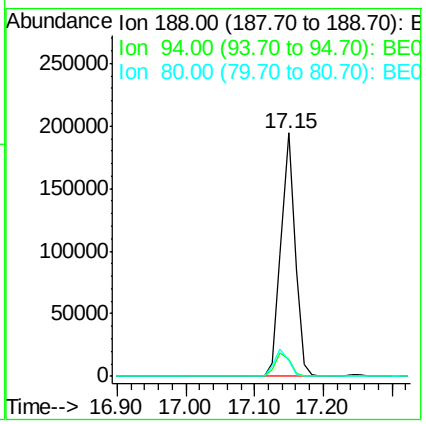


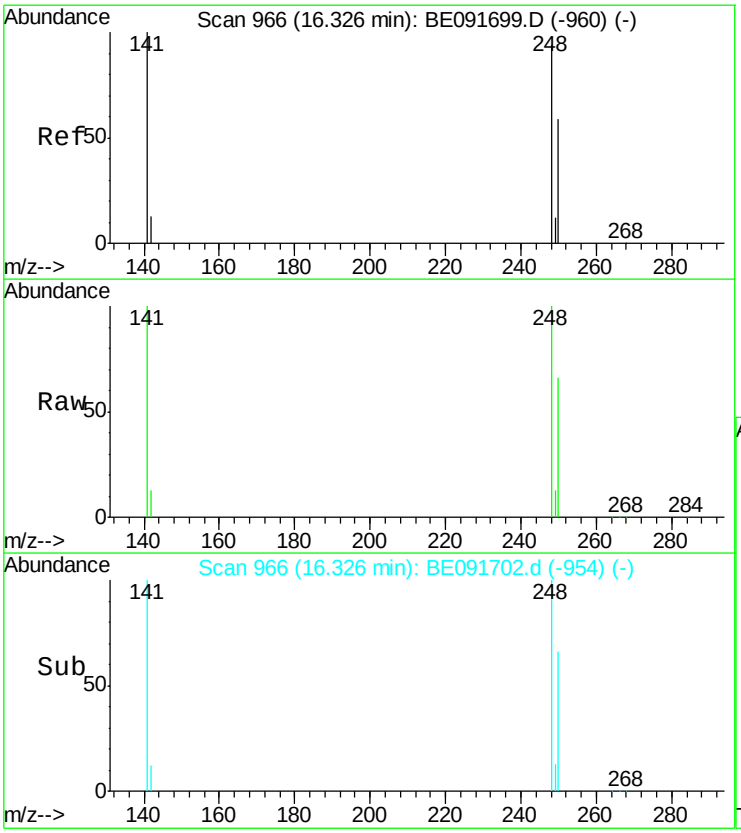
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:188 Resp: 305612

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	6.3	9.4	14.0#

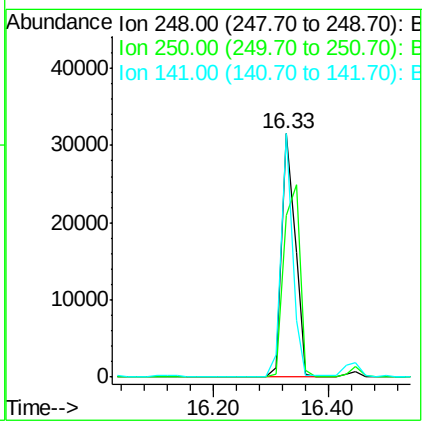


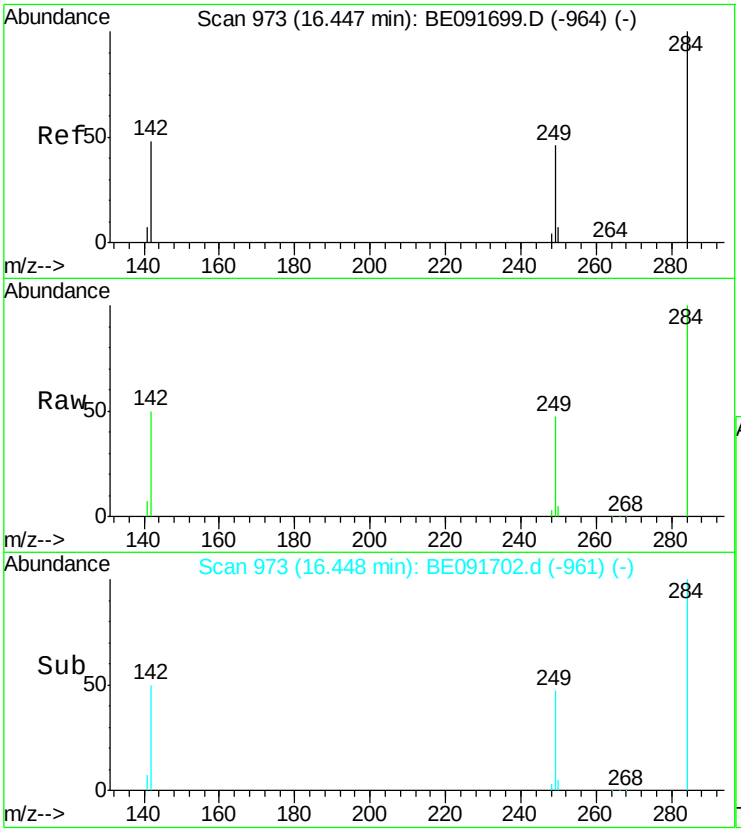


#20
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:248 Resp: 51154

Ion	Ratio	Lower	Upper
248	100		
250	95.3	80.5	120.7
141	84.8	72.0	108.0



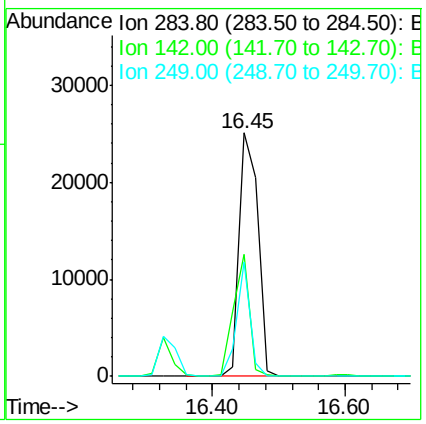


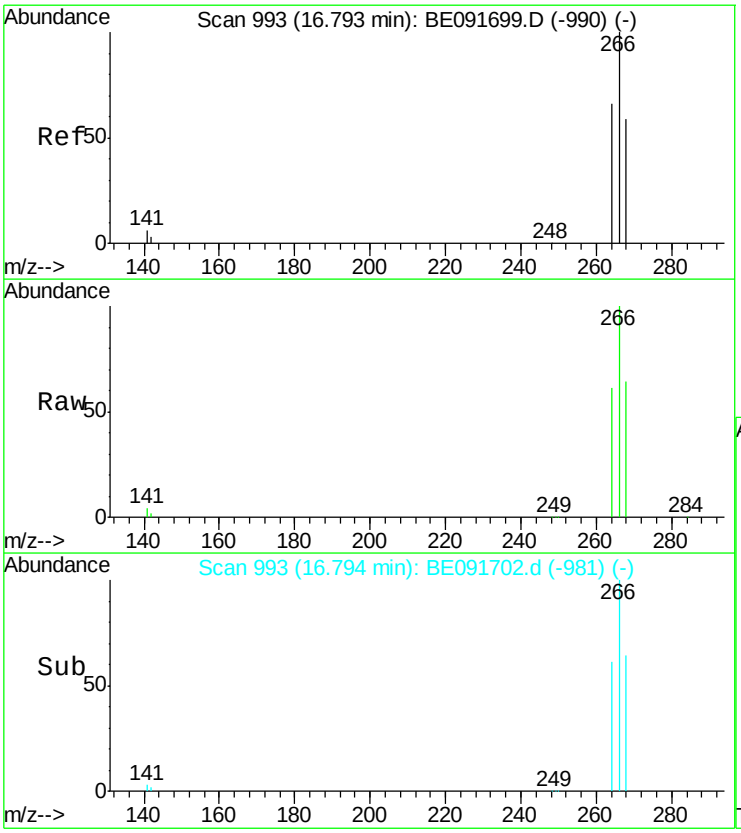
#21
Hexachlorobenzene
Concen: 4.35 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:284 Resp: 48728

Ion	Ratio	Lower	Upper
284	100		
142	42.3	32.2	48.2
249	33.9	25.4	38.2

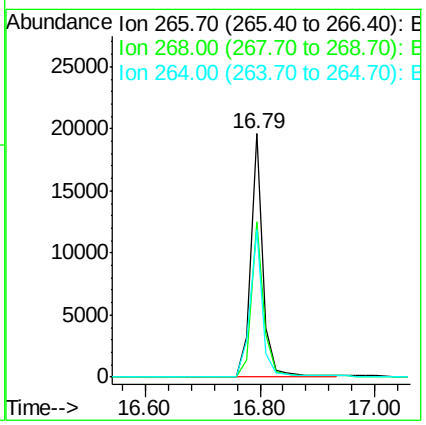


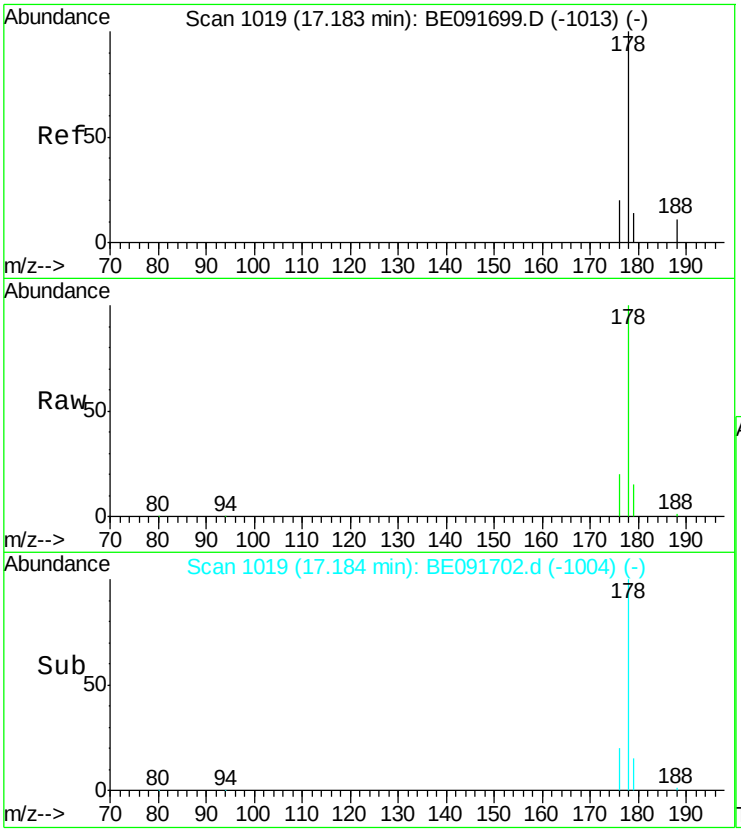


#22
Pentachlorophenol
Concen: 7.99 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:266 Resp: 29105

Ion	Ratio	Lower	Upper
266	100		
268	63.7	58.2	87.2
264	60.6	56.2	84.4



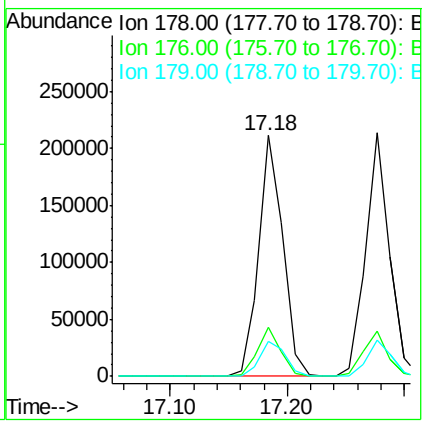


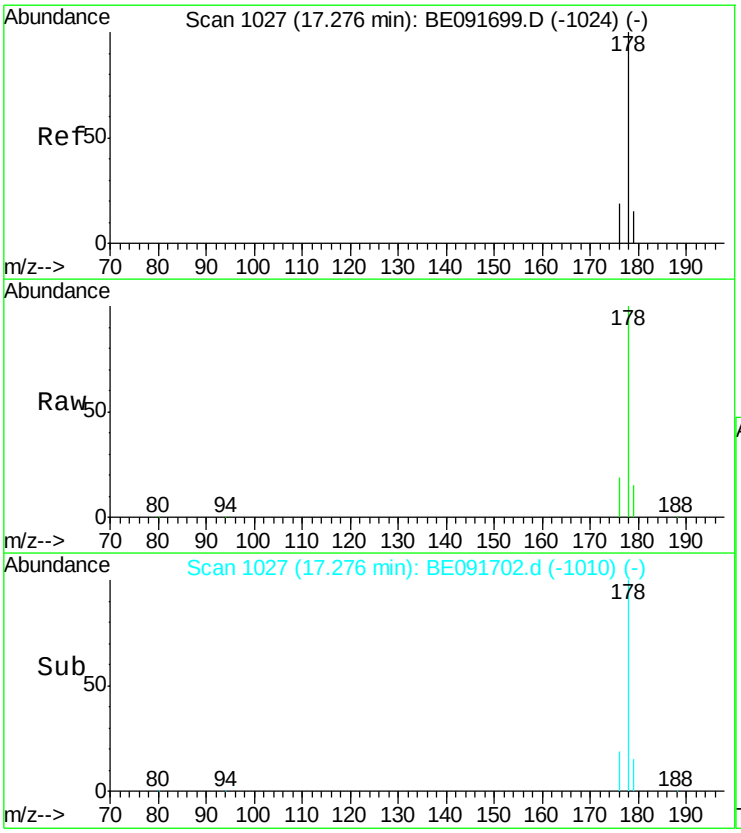
#23
Phenanthrene
Concen: 4.44 ng
RT: 17.18 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:178 Resp: 305028

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.5	12.6	18.8

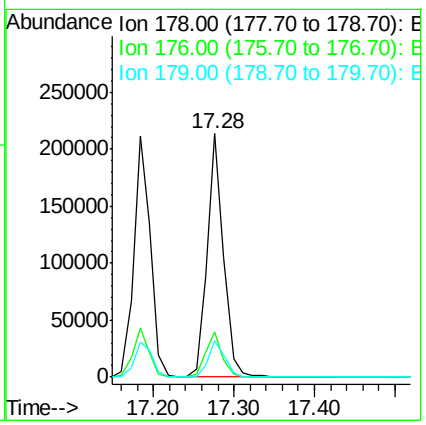


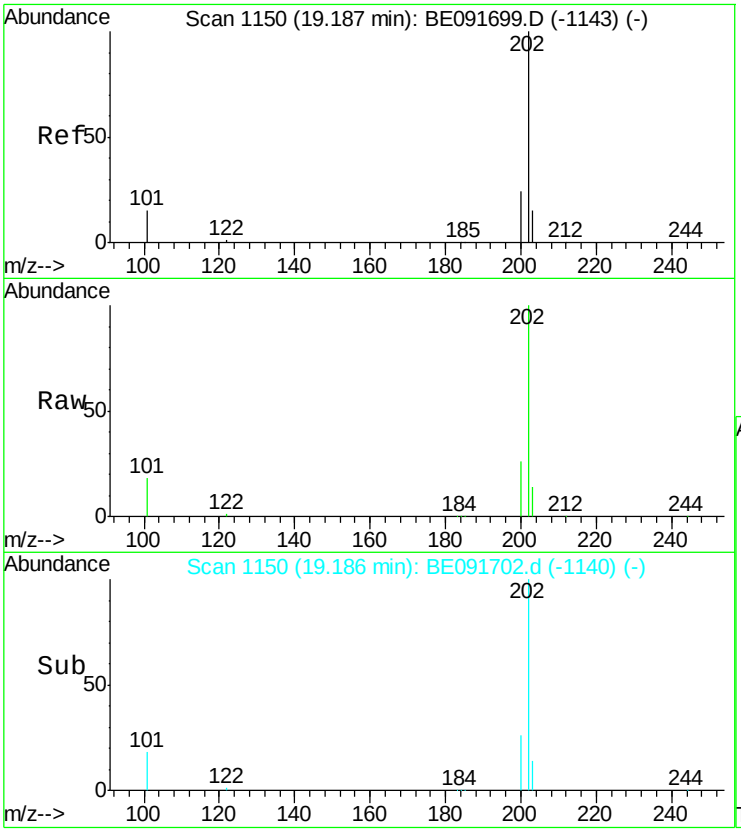


#24
Anthracene
Concen: 4.94 ng
RT: 17.28 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:178 Resp: 302757

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	21.8
179	15.5	11.8	17.6



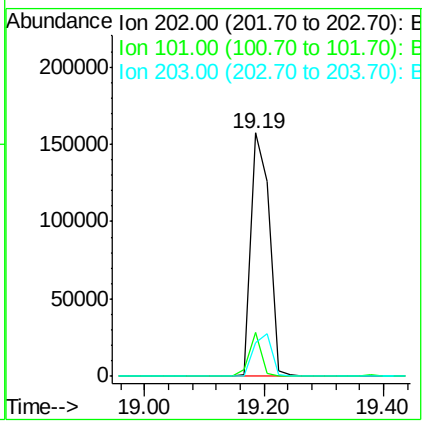


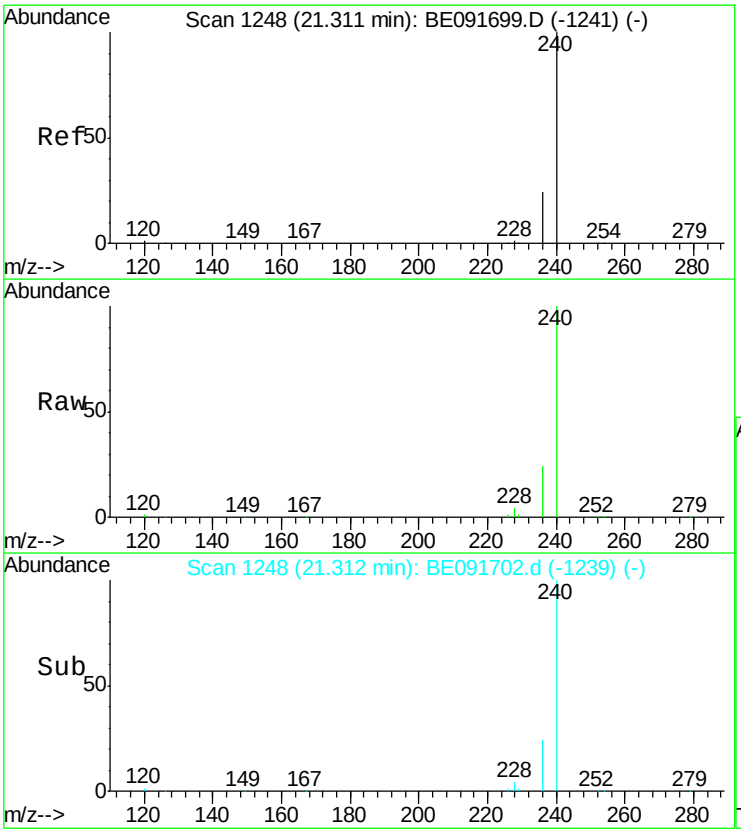
#25
Fluoranthene
Concen: 4.94 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:202 Resp: 335305

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.0	16.6
203	17.5	13.9	20.9

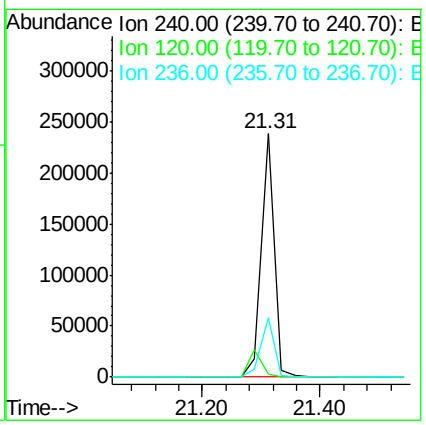


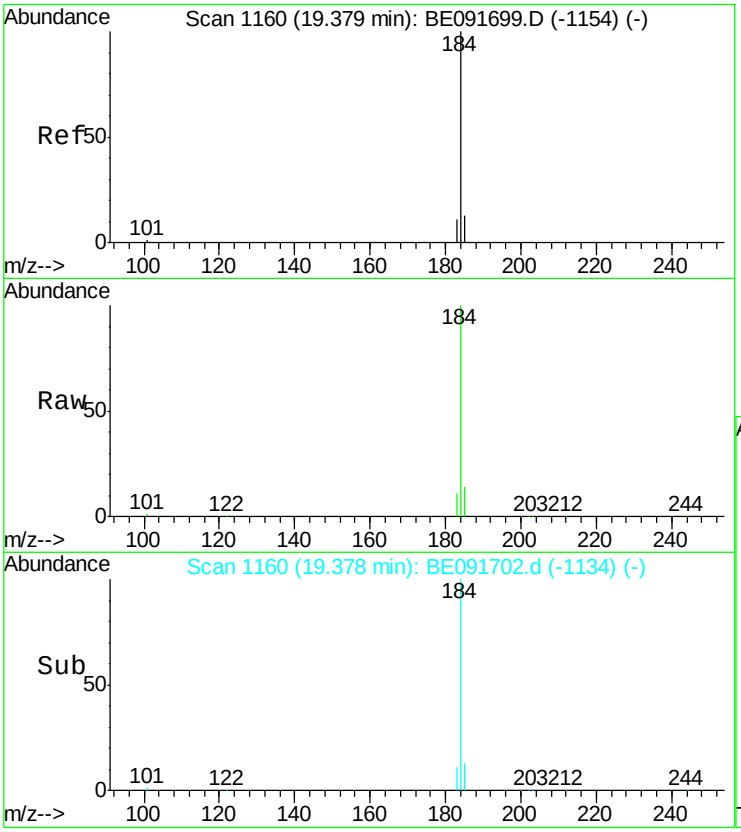


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:240 Resp: 368151

Ion	Ratio	Lower	Upper
240	100		
120	1.4	11.0	16.4#
236	24.1	21.7	32.5



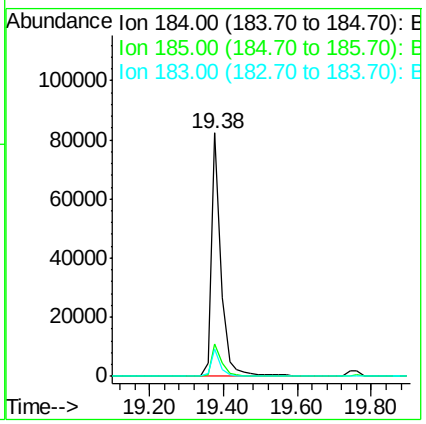


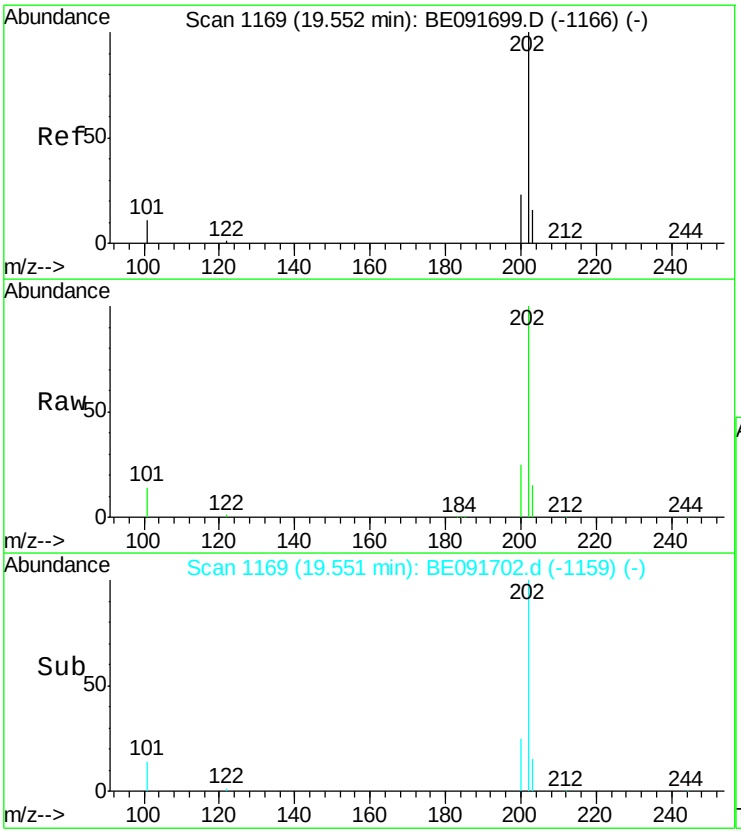
#27
Benzidine
Concen: 6.77 ng
RT: 19.38 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:184 Resp: 145505

Ion	Ratio	Lower	Upper
184	100		
185	13.5	22.3	33.5#
183	11.1	16.4	24.6#

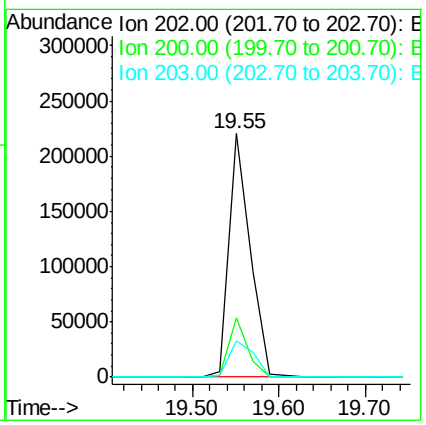


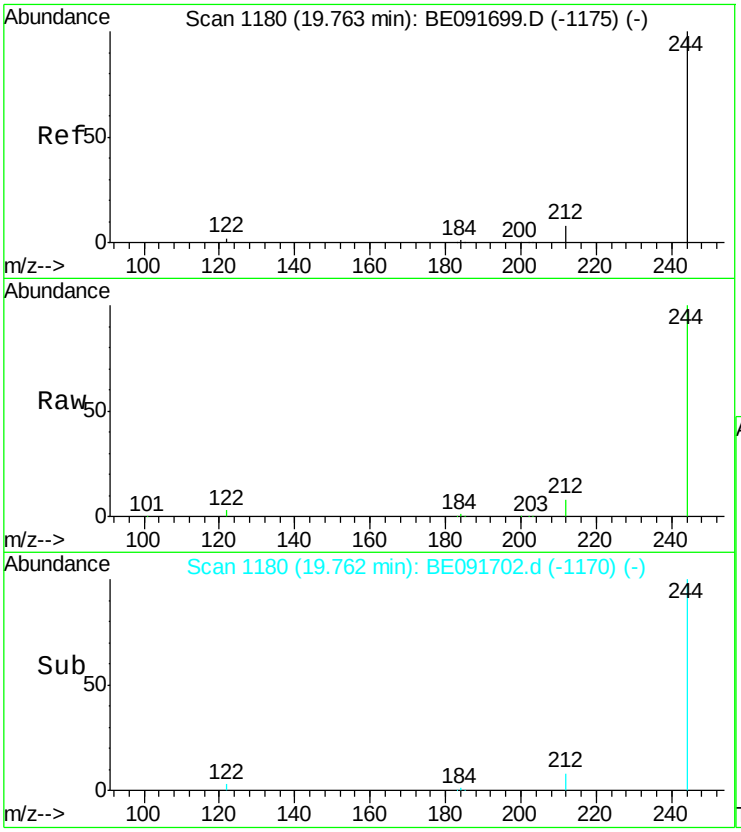


#28
Pyrene
Concen: 4.41 ng
RT: 19.55 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:202 Resp: 375065

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	17.4	14.0	21.0



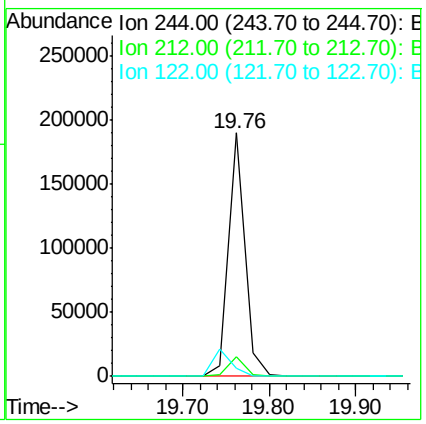


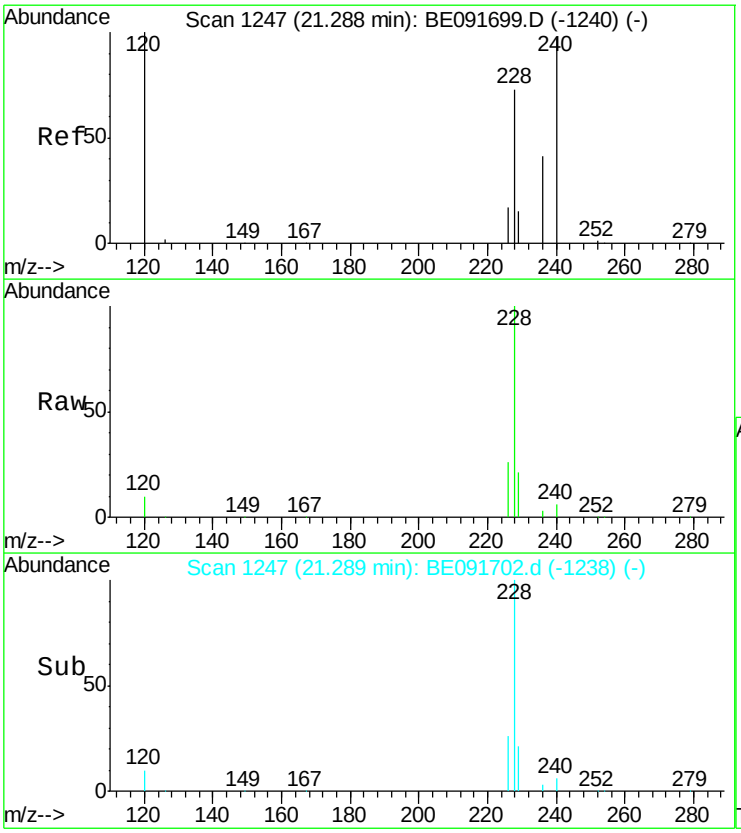
#29
Terphenyl-d14
Concen: 4.31 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:244 Resp: 251531

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	3.1	11.0	16.4#

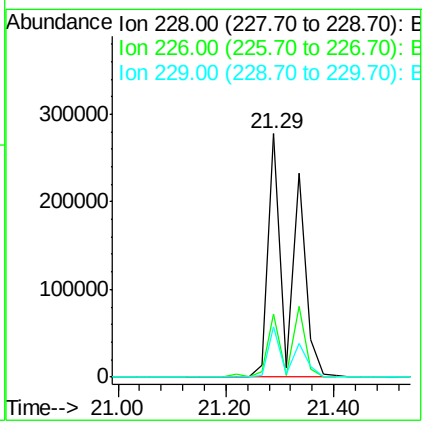


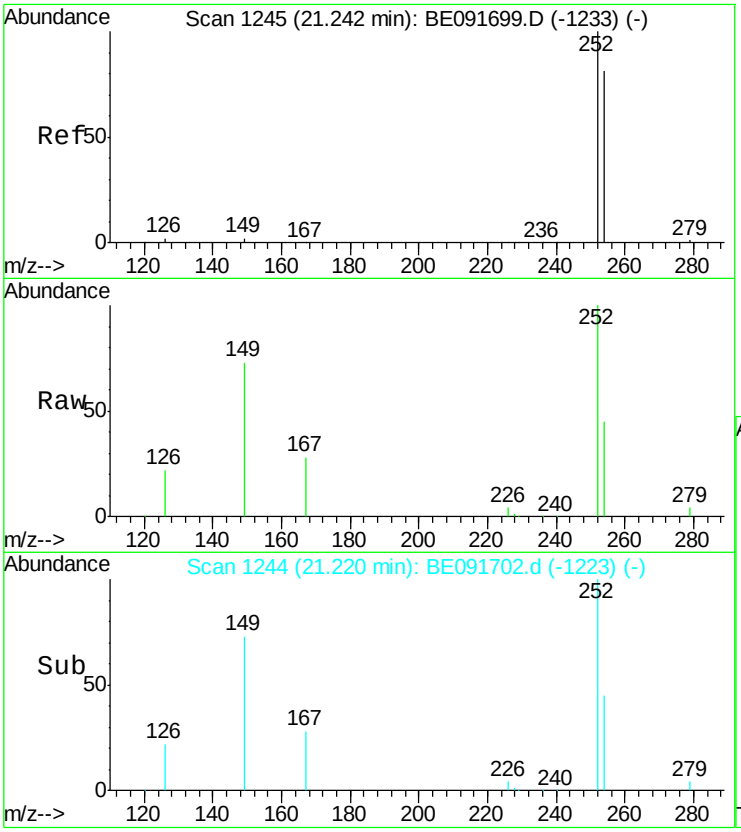


#30
Benzo(a)anthracene
Concen: 9.01 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:228 Resp: 805953

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	20.6	15.7	23.5



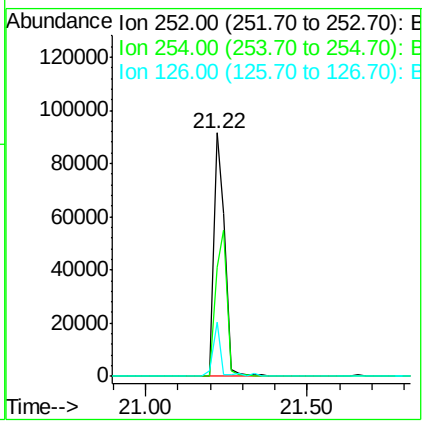


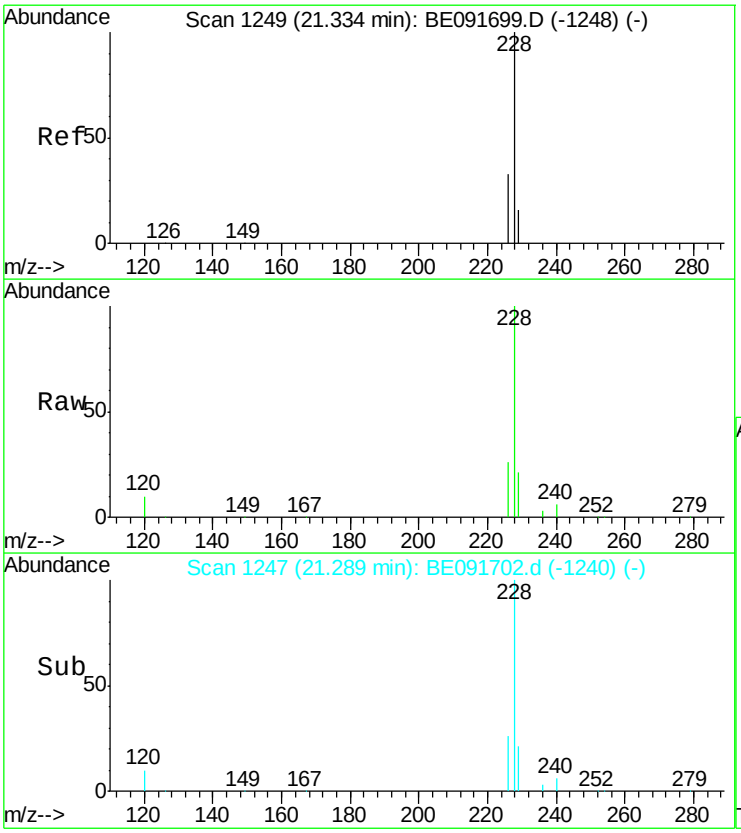
#31
3,3'-Dichlorobenzidine
Concen: 5.86 ng
RT: 21.22 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:252 Resp: 220369

Ion	Ratio	Lower	Upper
252	100		
254	44.7	51.1	76.7#
126	22.2	12.6	18.8#

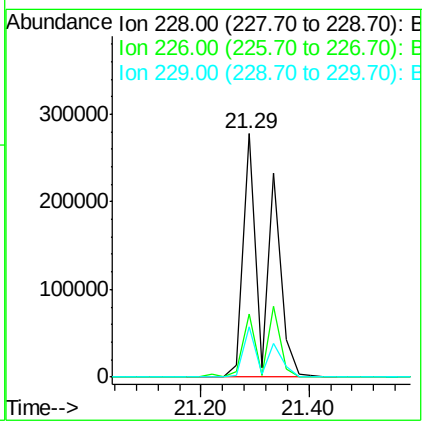


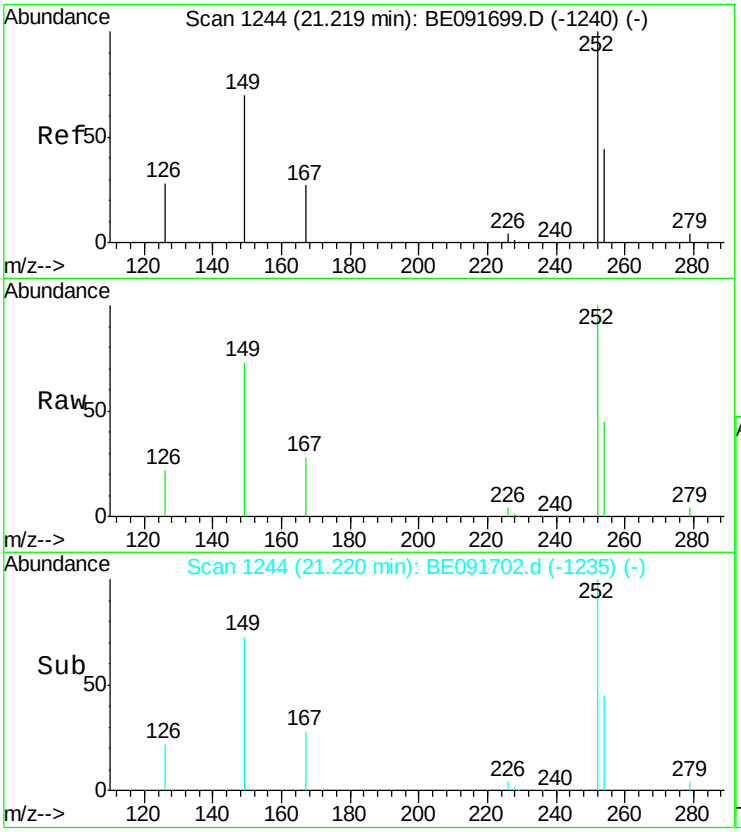


#32
Chrysene
Concen: 8.29 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:228 Resp: 808597

Ion	Ratio	Lower	Upper
228	100		
226	25.9	24.0	36.0
229	20.6	15.9	23.9



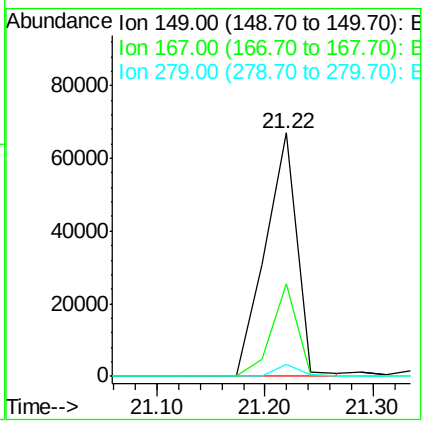


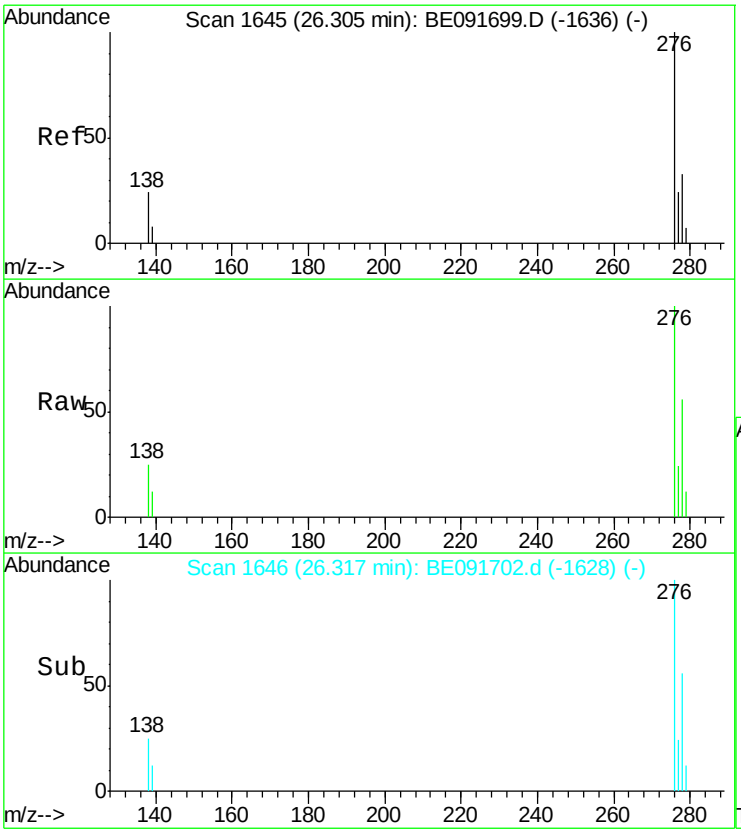
#33
Bis(2-ethylhexyl)phthalate
Concen: 7.95 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:149 Resp: 136623

Ion	Ratio	Lower	Upper
149	100		
167	30.9	19.5	29.3#
279	4.0	10.0	15.0#

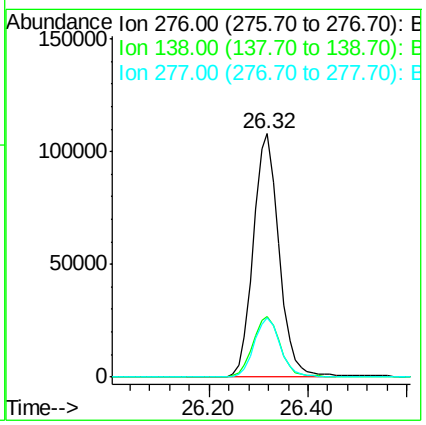


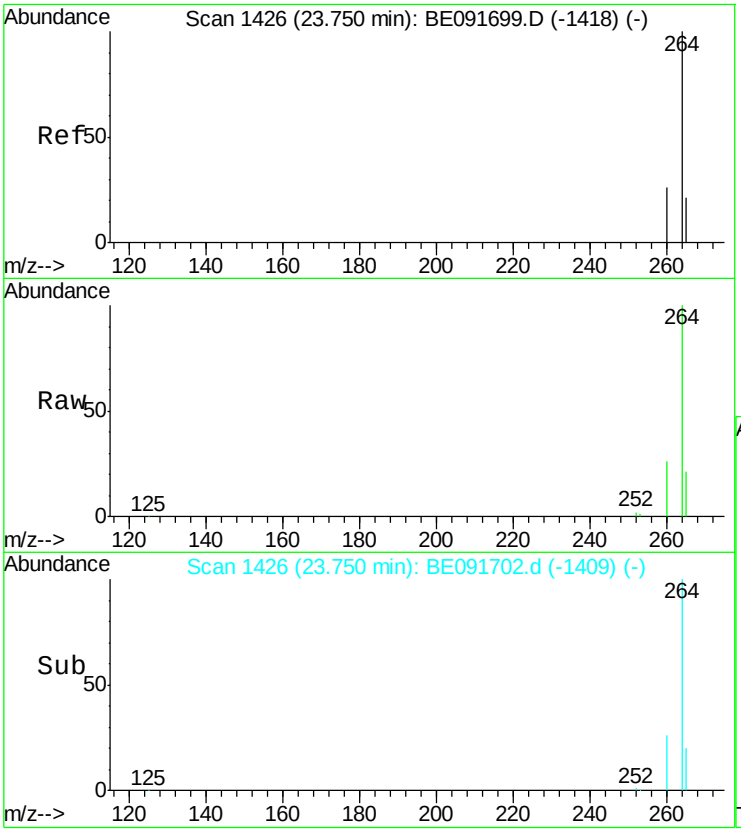


#34
Indeno(1,2,3-cd)pyrene
Concen: 4.49 ng
RT: 26.32 min Scan# 1646
Delta R.T. 0.01 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:276 Resp: 391425

Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.4	35.2
277	24.8	19.8	29.8



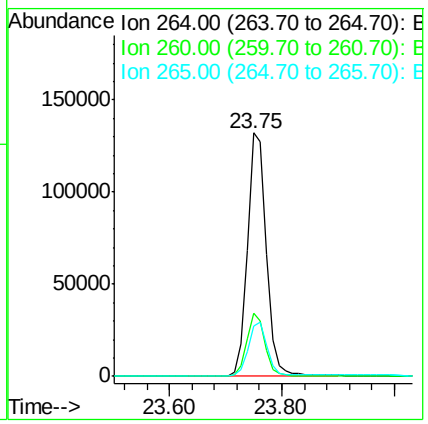


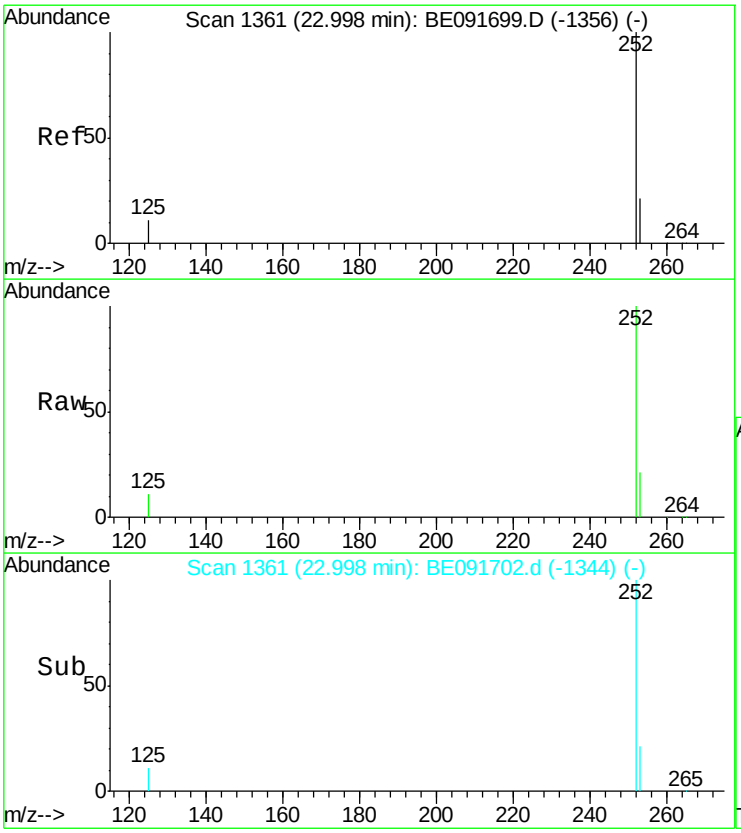
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:264 Resp: 312607

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.0	30.0
265	20.7	17.5	26.3

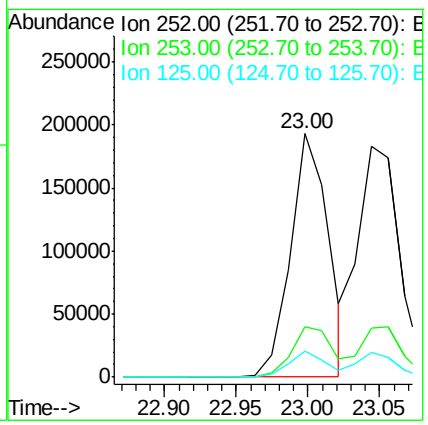


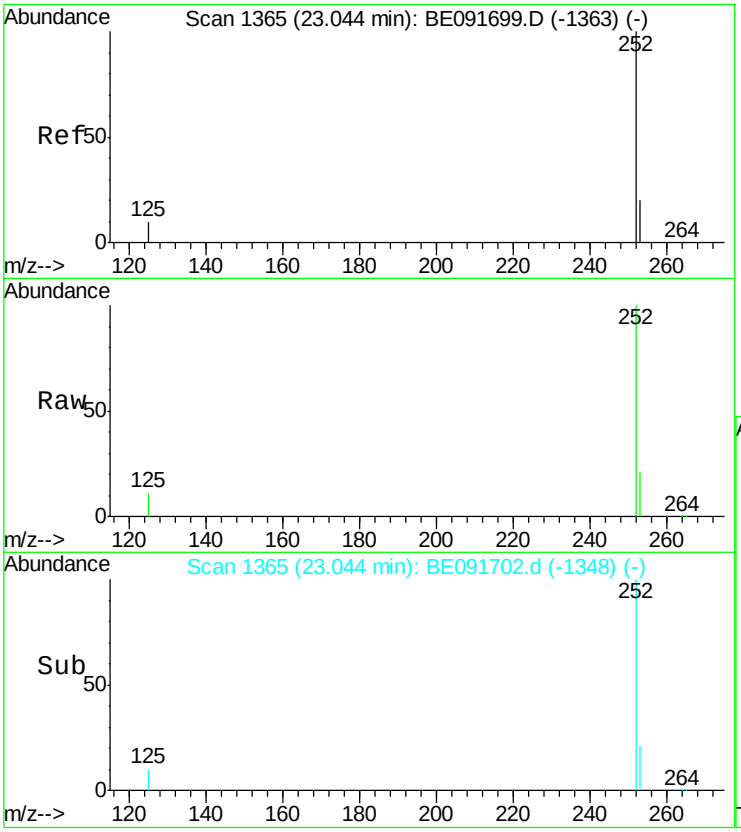


#36
Benzo(b)fluoranthene
Concen: 4.69 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:252 Resp: 351630

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	10.9	10.2	15.2



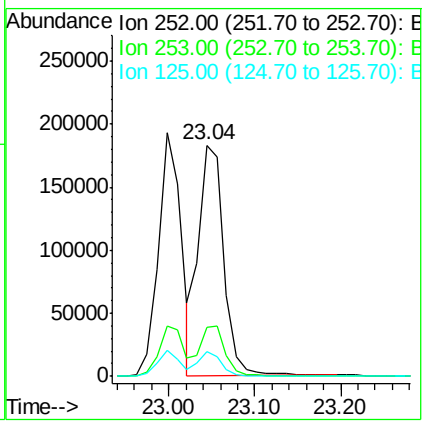


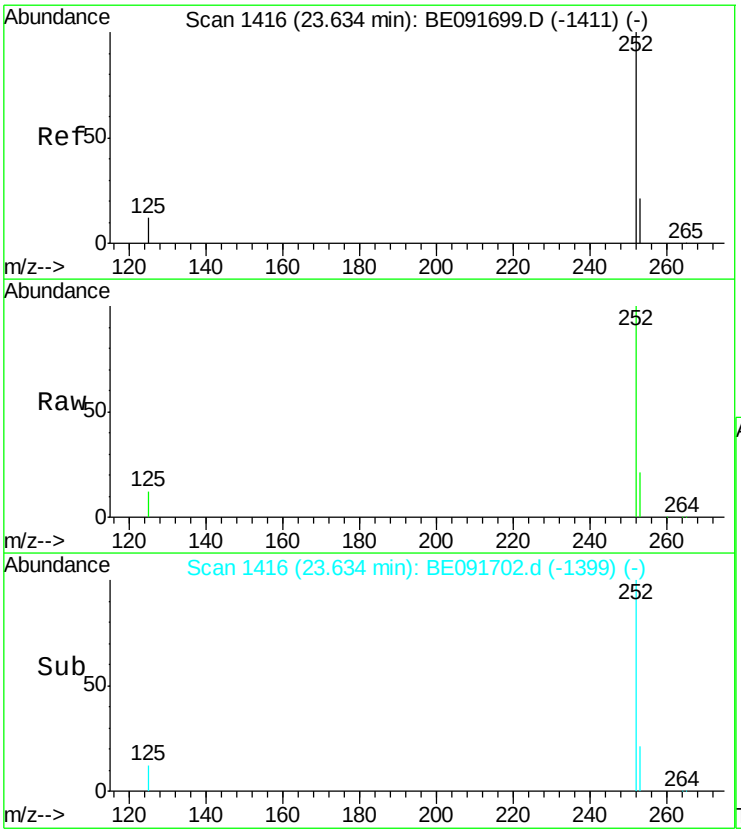
#37
Benzo(k)fluoranthene
Concen: 5.06 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:252 Resp: 373560

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	10.5	9.9	14.9

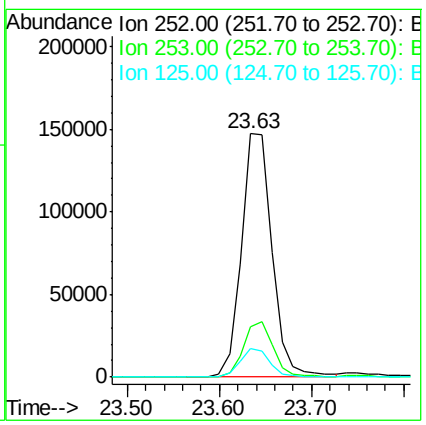


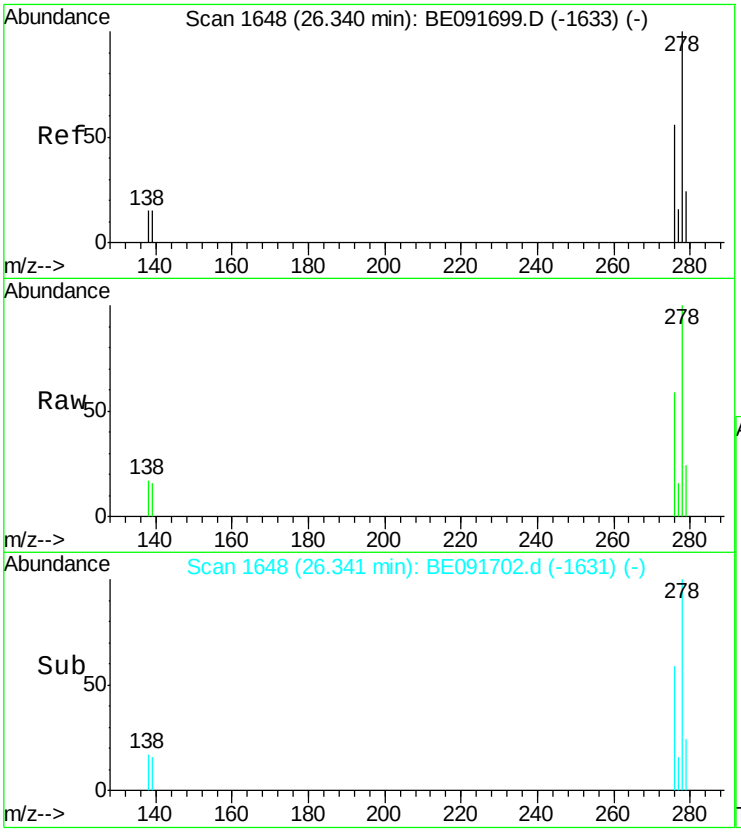


#38
Benzo(a)pyrene
Concen: 5.22 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:252 Resp: 338658

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	11.9	11.0	16.4



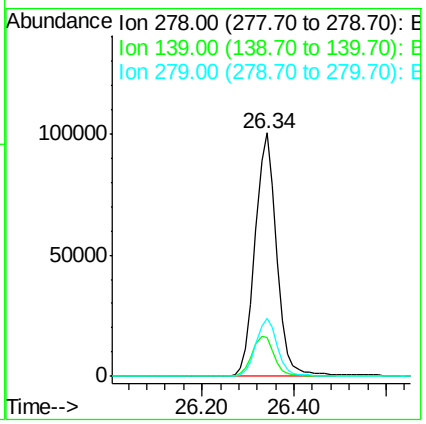


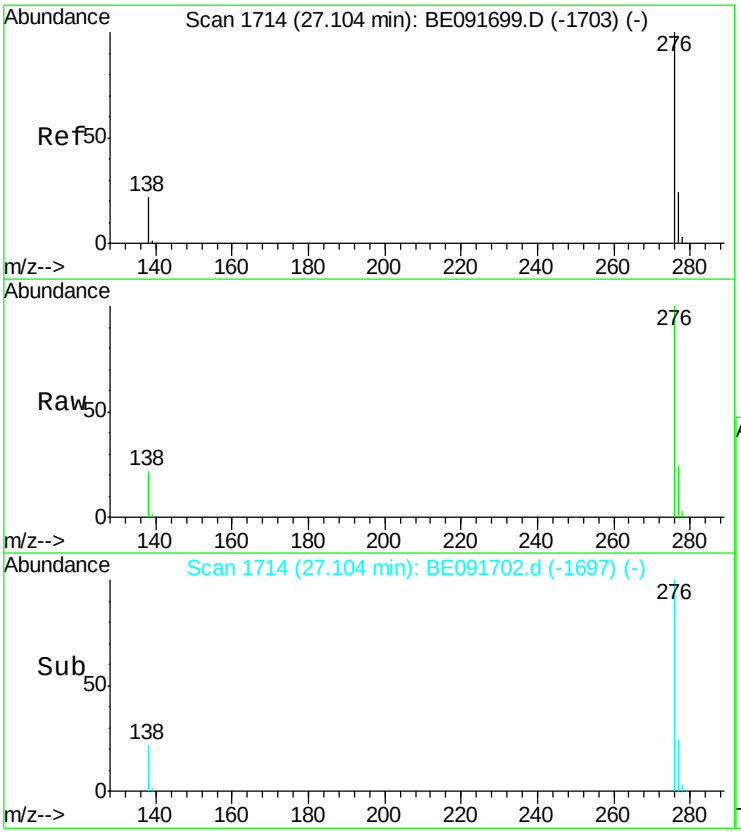
#39
Dibenzo(a,h)anthracene
Concen: 4.88 ng
RT: 26.34 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tgt Ion:278 Resp: 324610

Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.0	24.0
279	23.8	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 4.77 ng
RT: 27.10 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE091702.d
Acq: 26 Apr 2016 13:45

Tgt Ion:276 Resp: 325137

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	21.8	20.4	30.6