Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091609.D
Acq On : 8 Apr 2016 13:02
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Apr 08 15:12:28 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:53:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	38399	5.00	ng		0.00
7) Naphthalene-d8	10.59	136	182385	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	112108	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	272515	5.00	ng		0.00
26) Chrysene-d12	21.31	240	368899	5.00	ng		0.00
35) Perylene-d12	23.76	264	321503	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	13965	1.74	ng		0.00
5) Phenol-d6	6.97	99	18842	1.92	ng		0.00
8) Nitrobenzene-d5	8.96	82	16587	1.69	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	6128	1.73	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	47666	1.57	ng		0.00
29) Terphenyl-d14	19.76	244	71837	1.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	6916	1.01	ng		96
3) n-Nitrosodimethylamine	3.64	42	9494	1.41	ng	#	87
6) bis(2-Chloroethyl)ether	7.23	93	16238	1.39	ng	#	76
9) Nitrobenzene	9.00	77	17399	1.65	ng		95
10) Naphthalene	10.63	128	57195	1.46	ng		99
11) Hexachlorobutadiene	10.92	225	9420	1.44	ng		96
12) 2-Methylnaphthalene	12.25	142	37123	1.60	ng	#	88
16) Acenaphthylene	14.14	152	68126	0.36	ng	#	87
17) Acenaphthene	14.49	154	41927	1.40	ng		90
18) Fluorene	15.46	166	53239	1.44	ng		97
20) 4-Bromophenyl-phenylether	16.34	248	15222	1.48	ng		95
21) Hexachlorobenzene	16.46	284	15496	0.29	ng		99
22) Pentachlorophenol	16.81	266	5981	1.56	ng		92
23) Phenanthrene	17.19	178	94675	1.37	ng		99
24) Anthracene	17.29	178	87724	1.42	ng		99
25) Fluoranthene	19.21	202	105249	1.28	ng	#	97
27) Benzidine	19.76	184	1282	0.19	ng		93
28) Pyrene	19.57	202	109587	1.16	ng		100
30) Benzo(a)anthracene	21.29	228	231018	2.66	ng		95
31) 3,3'-Dichlorobenzidine	21.24	252	68193	4.60	ng	#	81
32) Chrysene	21.29	228	232377	2.09	ng		97
33) Bis(2-ethylhexyl)phthalate	21.22	149	55154	1.60	ng	#	82
34) Indeno(1,2,3-cd)pyrene	26.33	276	126270	1.41	ng		96
36) Benzo(b)fluoranthene	23.01	252	115818	1.63	ng	#	96
37) Benzo(k)fluoranthene	23.06	252	112577	1.16	ng		98
38) Benzo(a)pyrene	23.65	252	106953	1.63	ng		97
39) Dibenzo(a,h)anthracene	26.35	278	104689	1.61	ng	#	95
40) Benzo(g,h,i)perylene	27.12	276	107198	1.52	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
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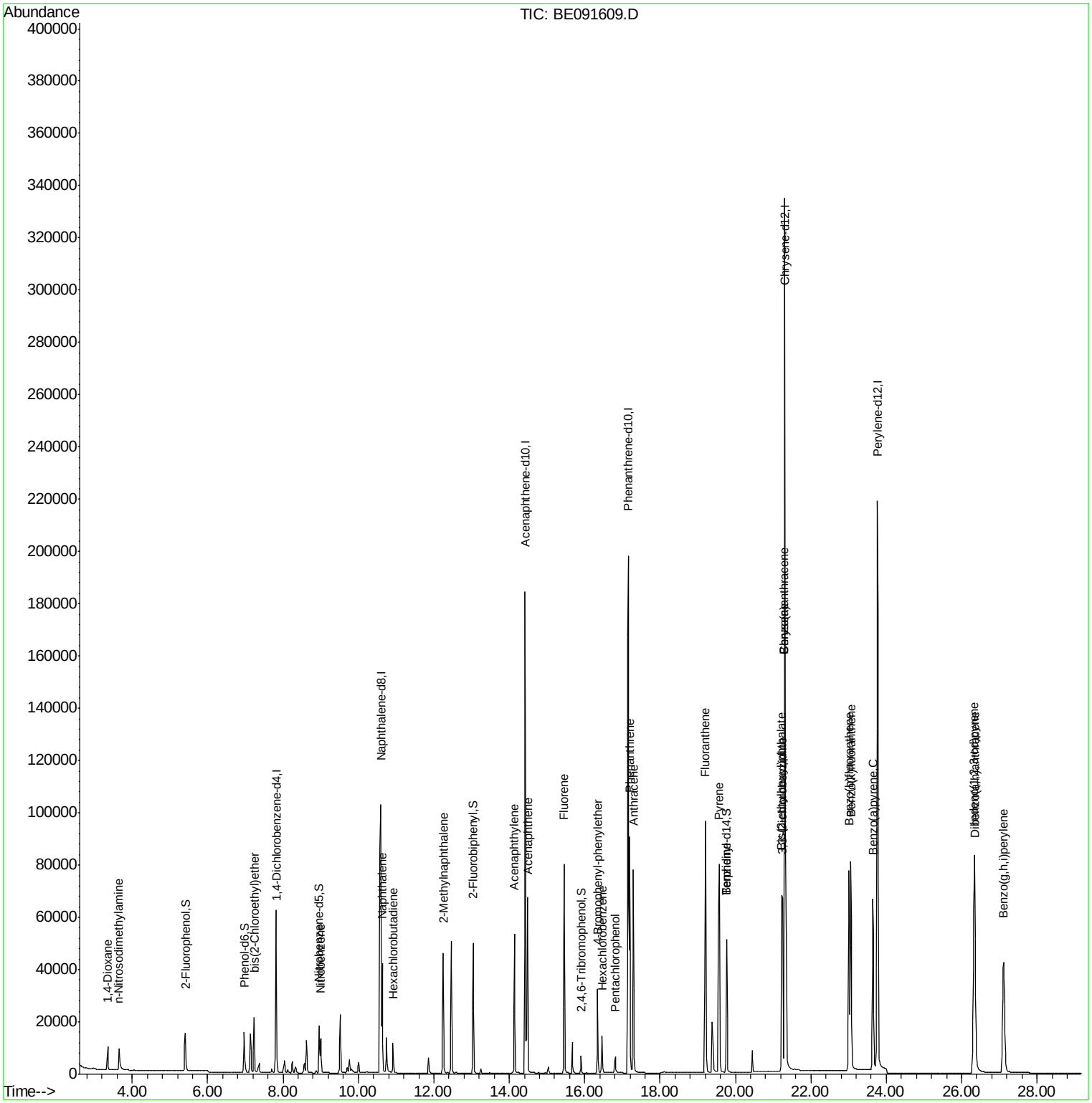
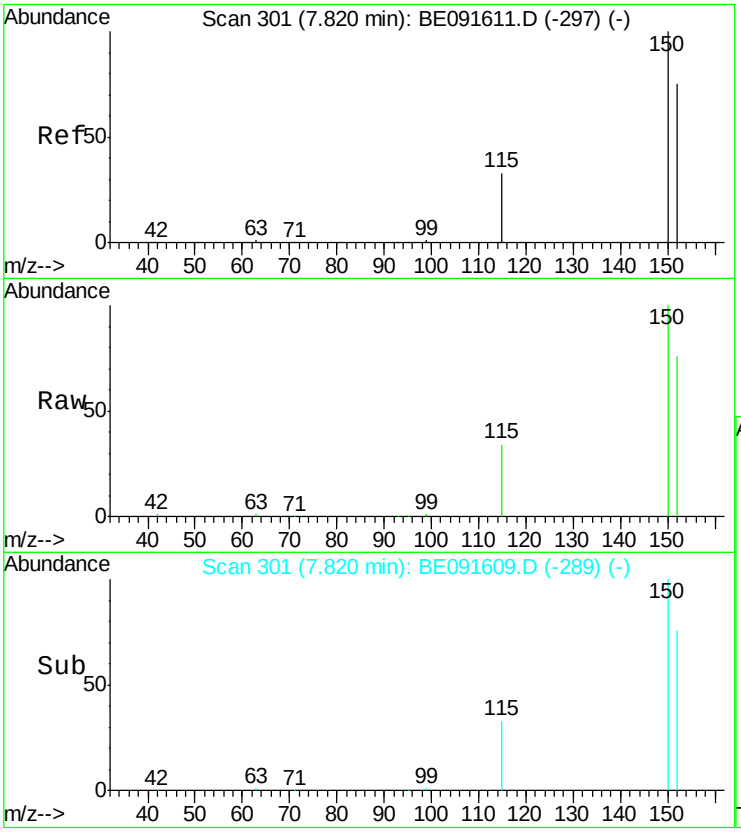
Acq On : 8 Apr 2016 13:02
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 08 15:12:28 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 14:53:35 2016
Response via : Initial Calibration



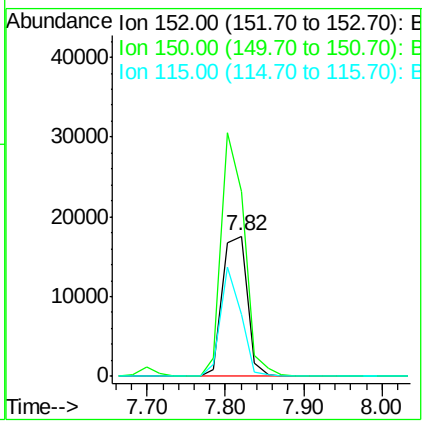


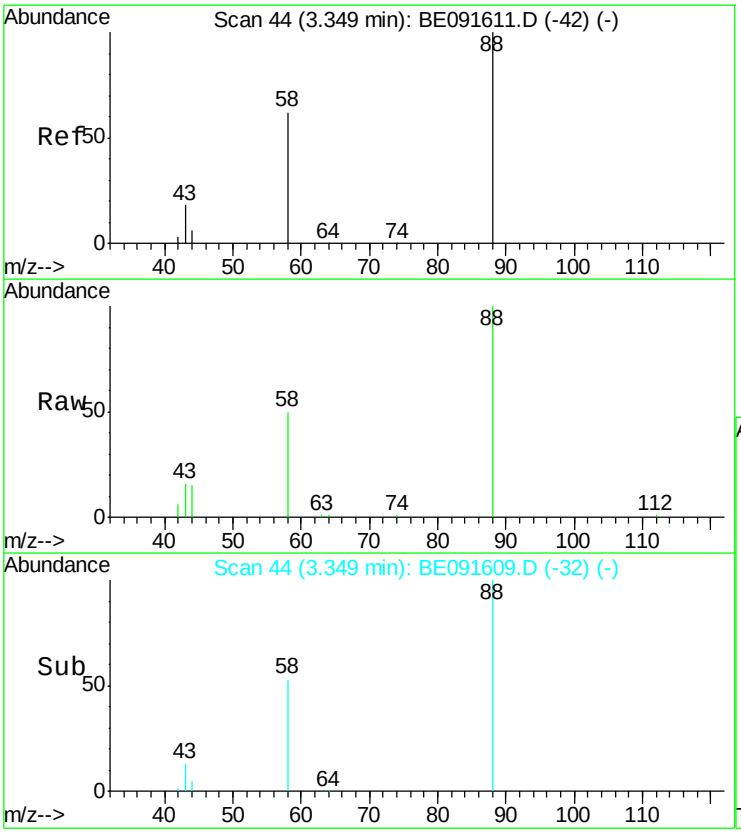
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.82 min Scan# 301
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 38399

Ion	Ratio	Lower	Upper
152	100		
150	132.1	122.6	183.8
115	44.6	52.8	79.2#

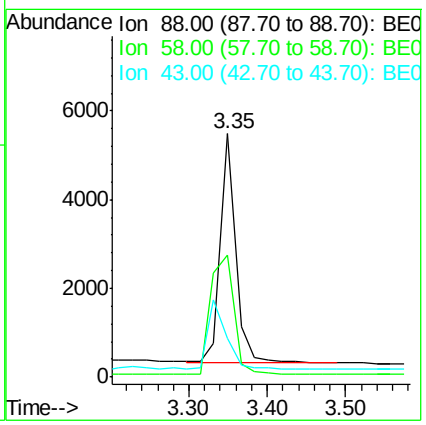


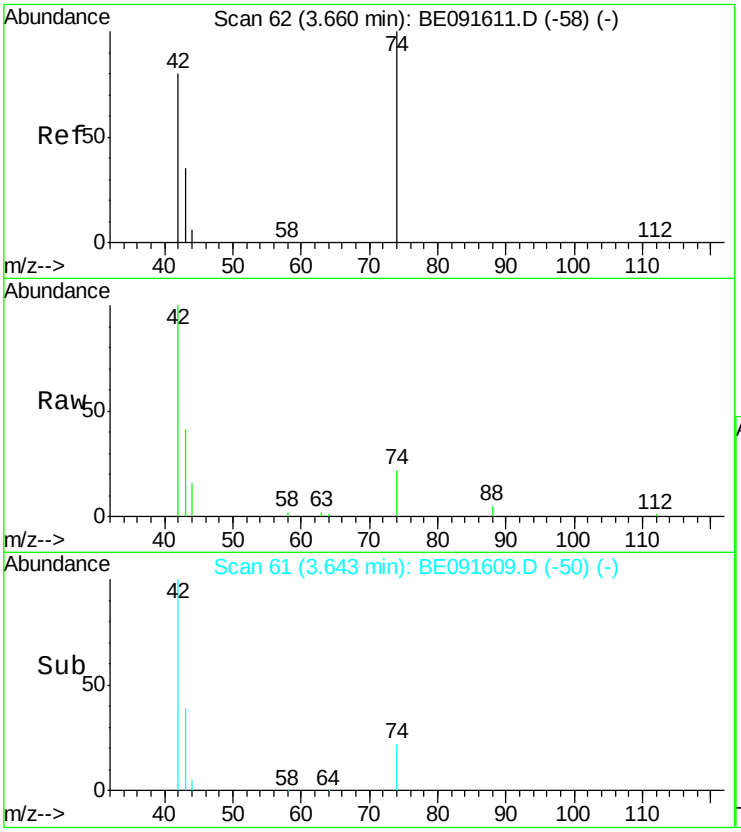


#2
1,4-Dioxane
Concen: 1.01 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion: 88 Resp: 6916

Ion	Ratio	Lower	Upper
88	100		
58	80.9	65.8	98.6
43	37.1	25.3	37.9



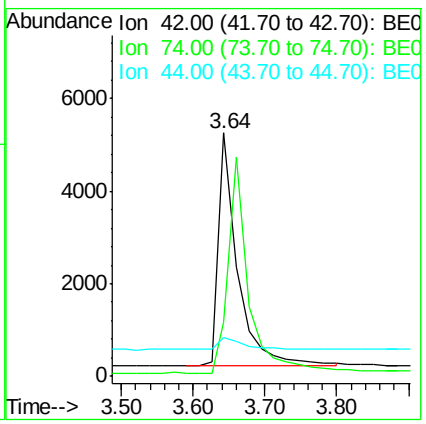


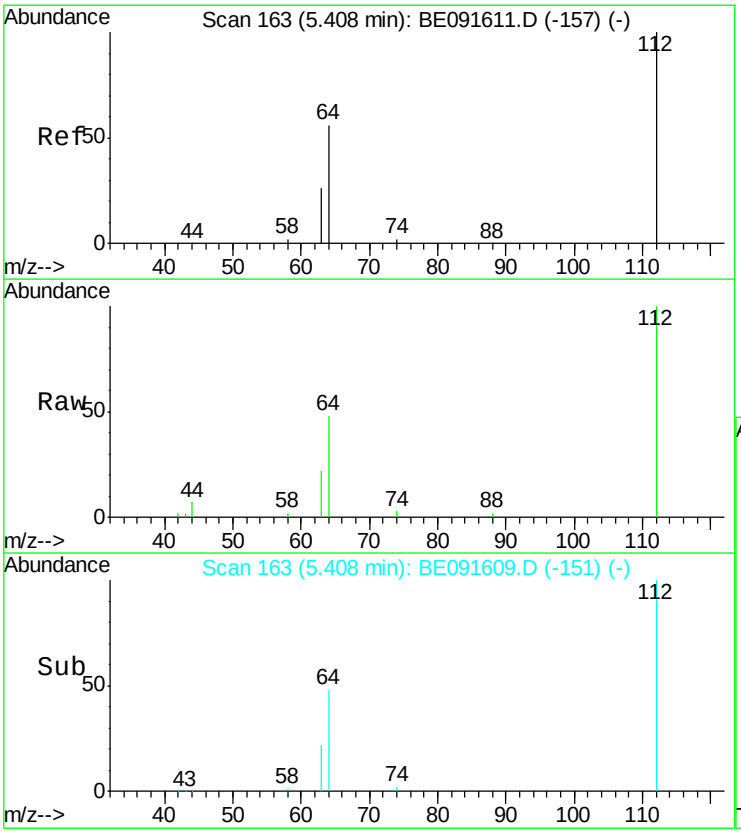
#3
n-Nitrosodimethylamine
Concen: 1.41 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 9494

Ion	Ratio	Lower	Upper
42	100		
74	96.0	87.9	131.9
44	6.5	6.6	9.8#

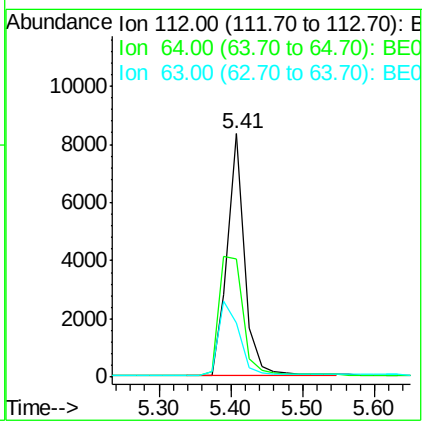


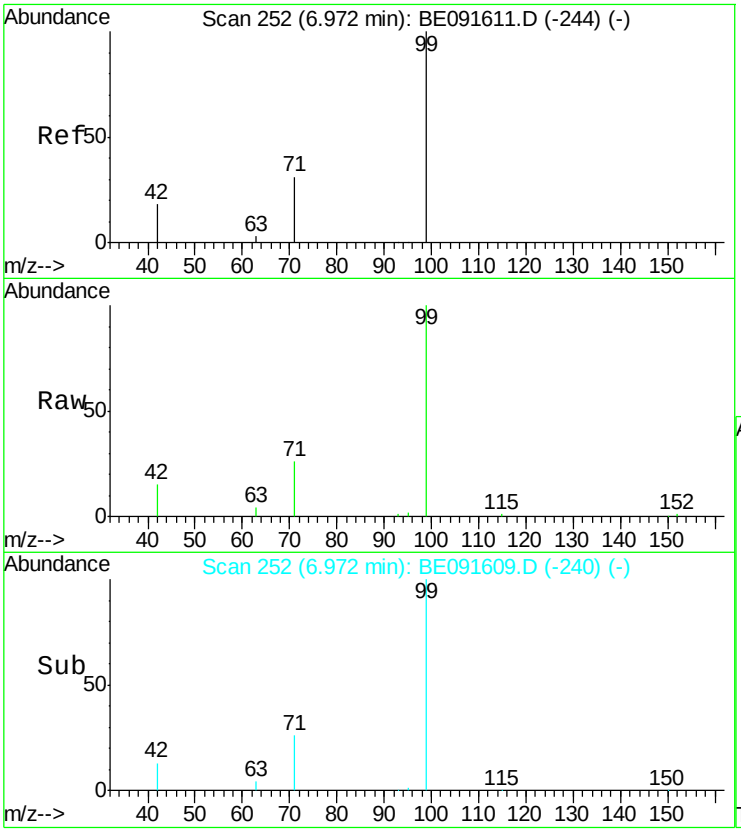


#4
2-Fluorophenol
Concen: 1.74 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:112 Resp: 13965

Ion	Ratio	Lower	Upper
112	100		
64	67.9	30.9	46.3#
63	36.6	16.7	25.1#



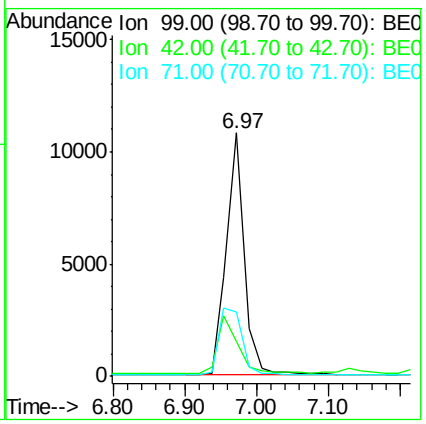


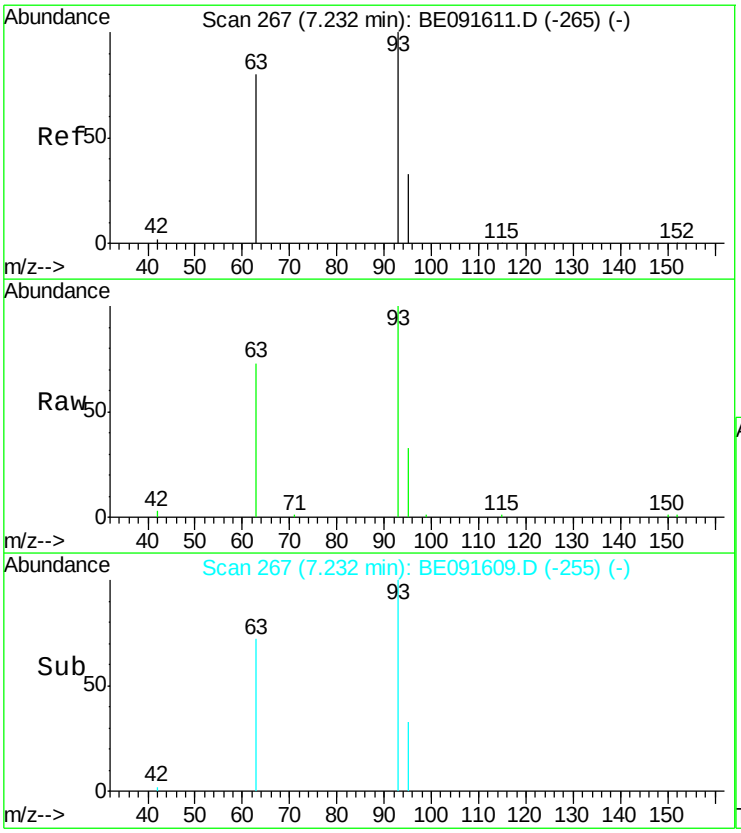
#5
Phenol-d6
Concen: 1.92 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 18842

Ion	Ratio	Lower	Upper
99	100		
42	26.3	16.2	24.2#
71	35.9	29.0	43.4

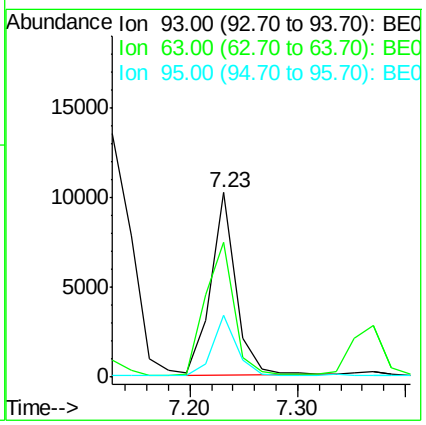


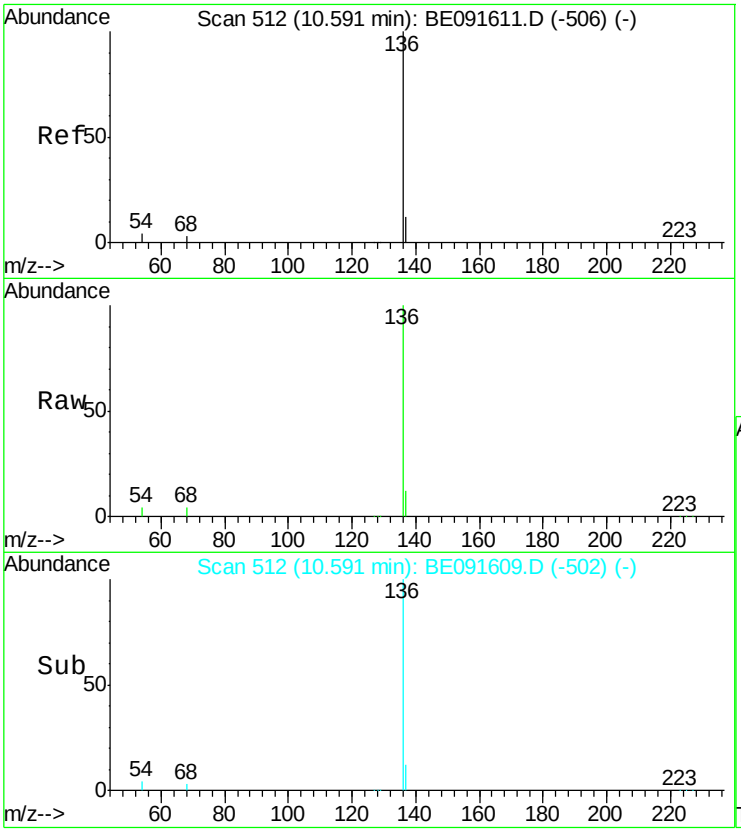


#6
bis(2-Chloroethyl)ether
Concen: 1.39 ng
RT: 7.23 min Scan# 267
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion: 93 Resp: 16238

Ion	Ratio	Lower	Upper
93	100		
63	84.9	49.5	74.3#
95	32.6	22.2	33.4



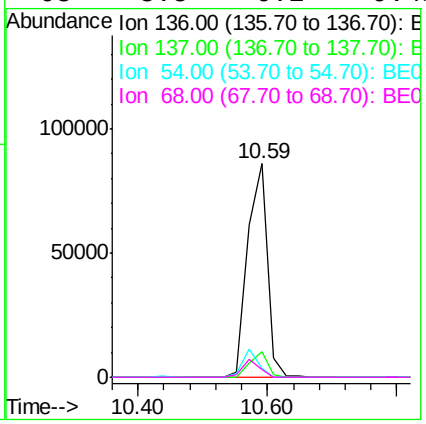


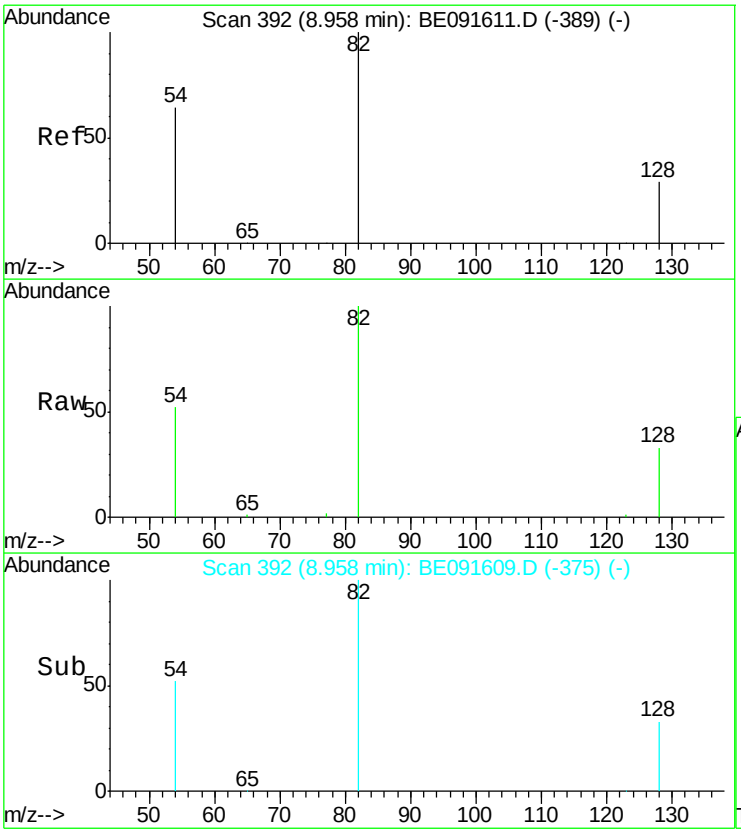
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 182385

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	4.2	8.2	12.4#
68	3.5	6.2	9.4#

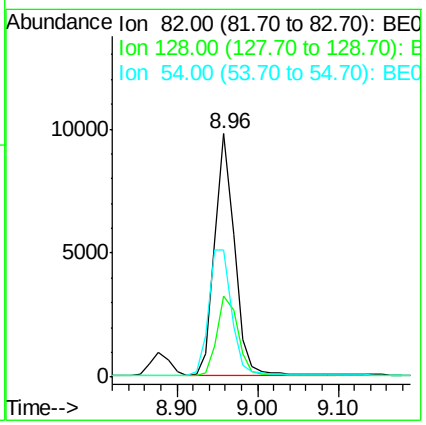


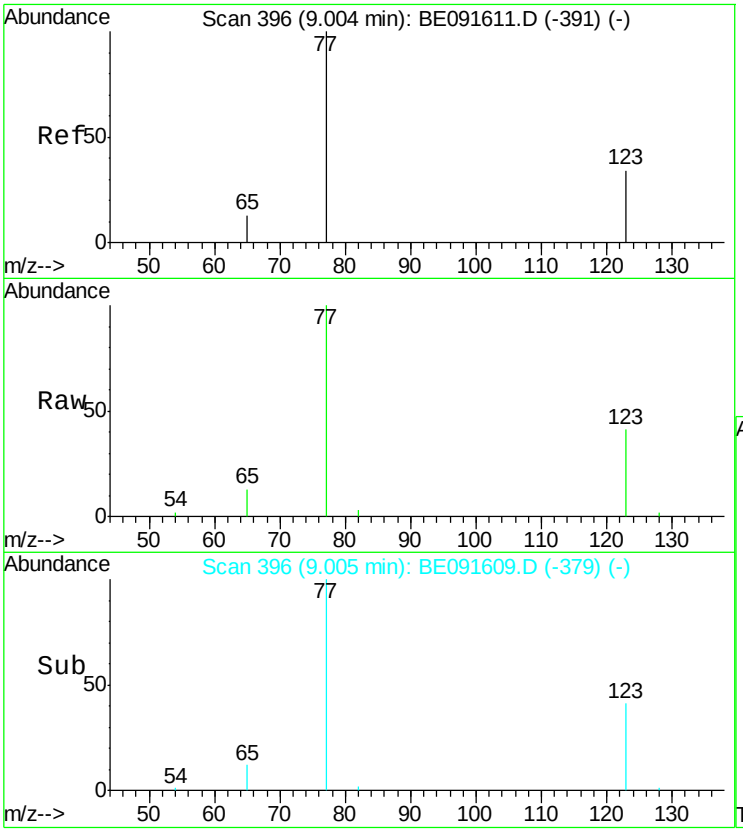


#8
Nitrobenzene-d5
Concen: 1.69 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion: 82 Resp: 16587

Ion	Ratio	Lower	Upper
82	100		
128	33.5	25.4	38.0
54	52.0	48.4	72.6



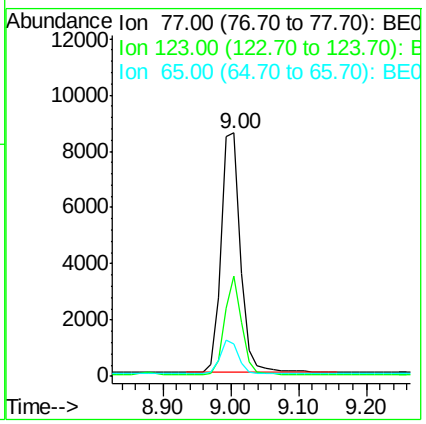


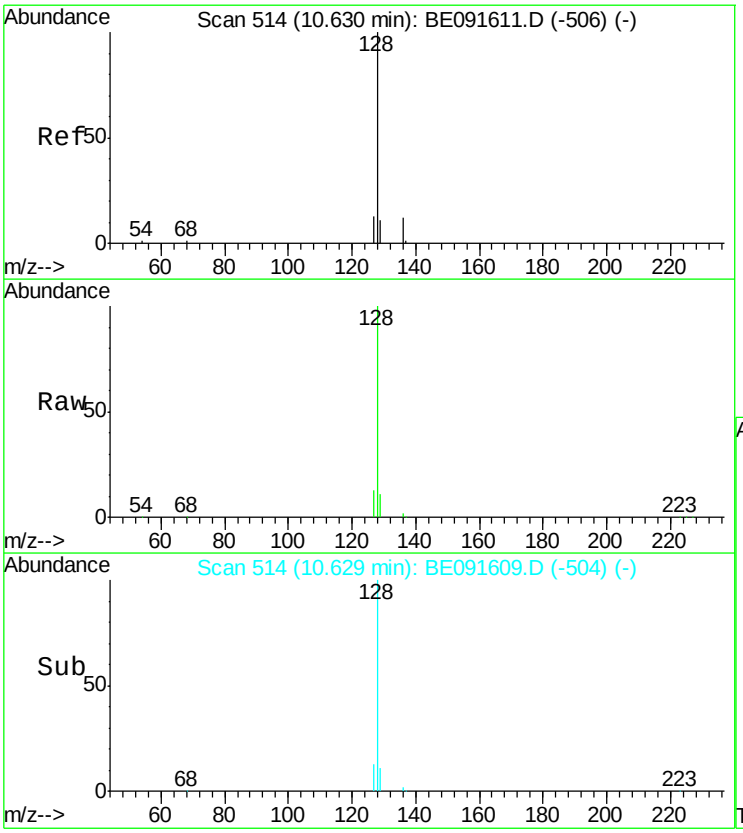
#9
Nitrobenzene
Concen: 1.65 ng
RT: 9.00 min Scan# 396
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion: 77 Resp: 17399

Ion	Ratio	Lower	Upper
77	100		
123	36.2	26.9	40.3
65	13.7	9.4	14.2

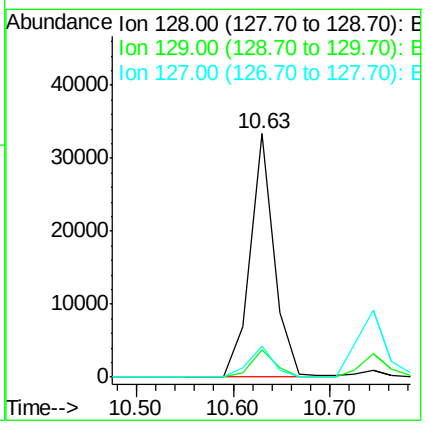


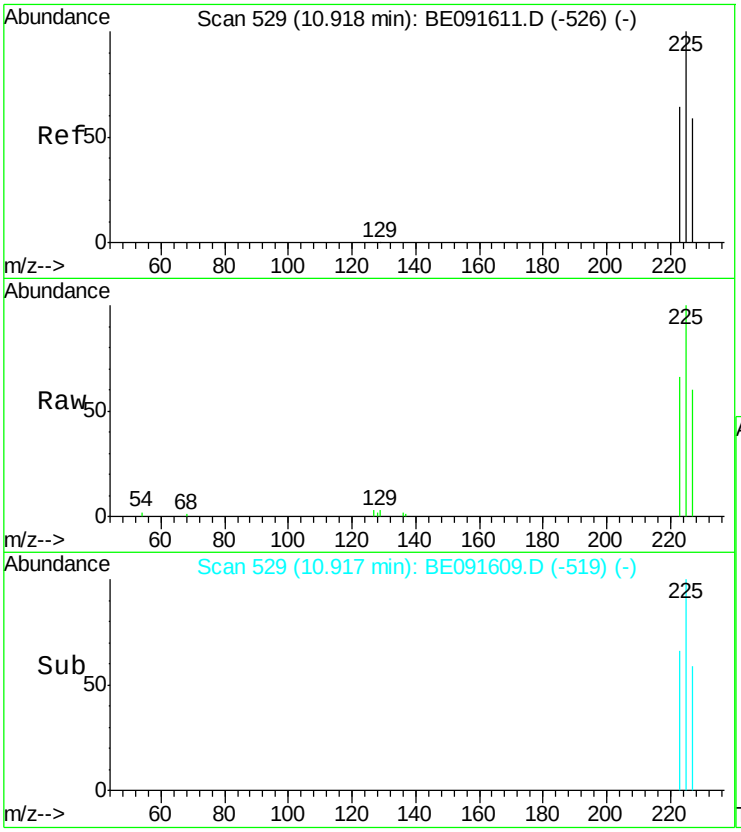


#10
Naphthalene
Concen: 1.46 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:128 Resp: 57195

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.8	10.7	16.1



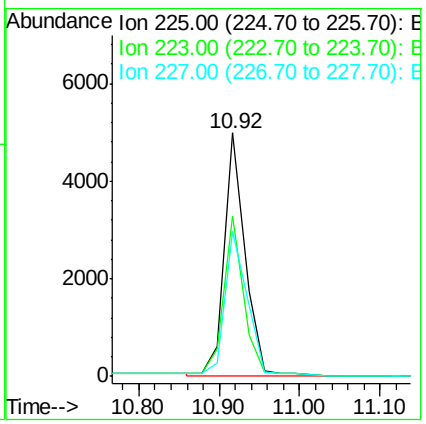


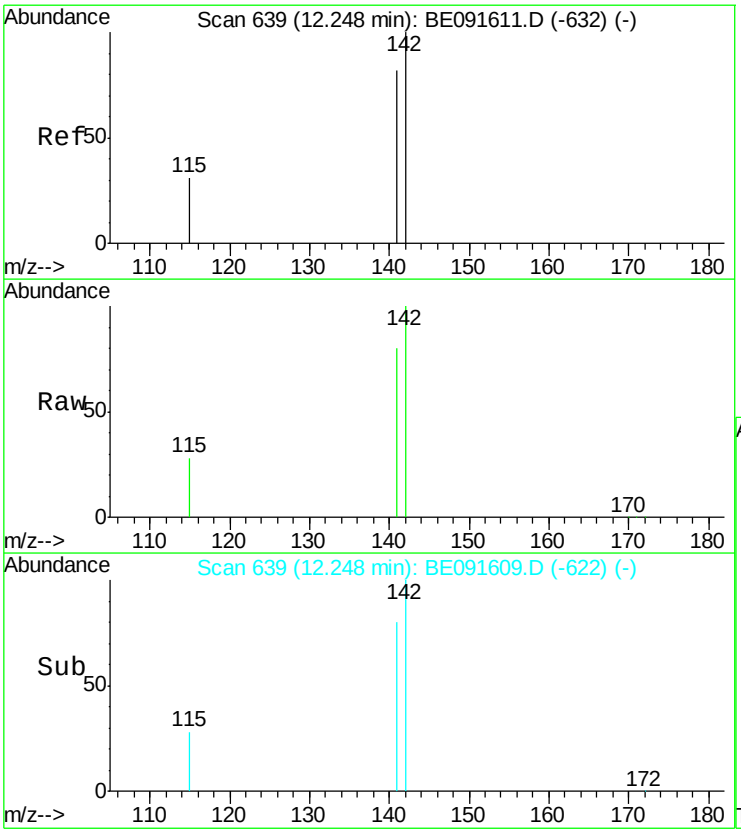
#11
Hexachlorobutadiene
Concen: 1.44 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:225 Resp: 9420

Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.0	73.6
227	65.2	50.3	75.5

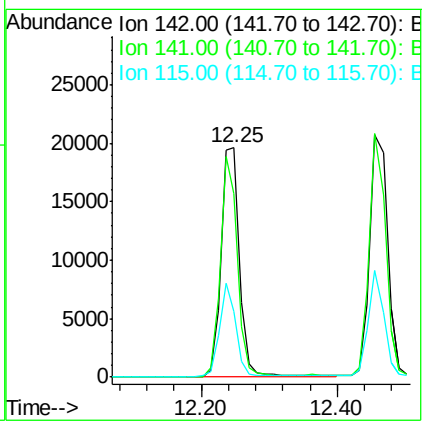


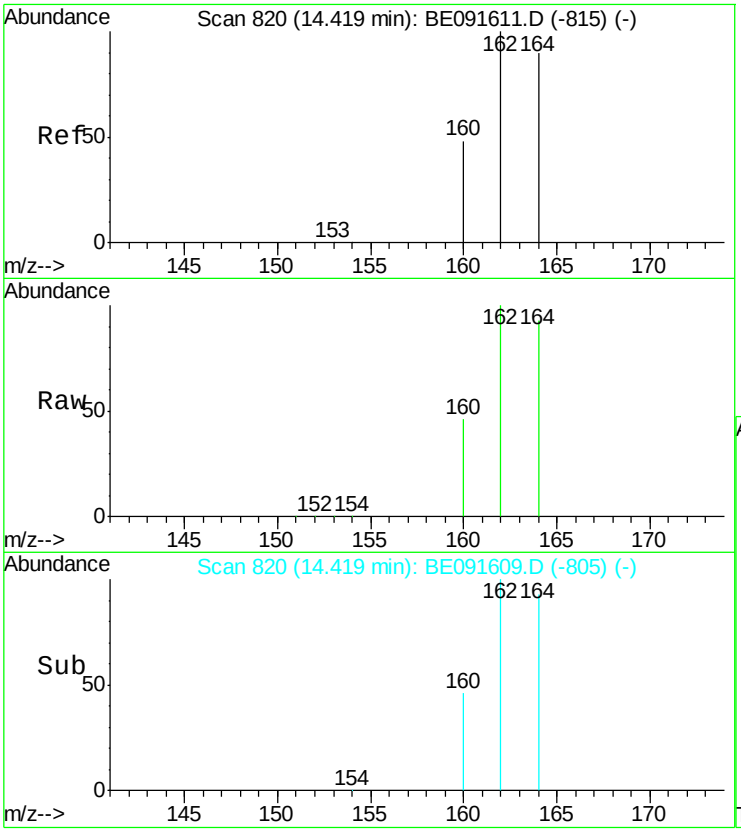


#12
2-Methylnaphthalene
Concen: 1.60 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:142 Resp: 37123

Ion	Ratio	Lower	Upper
142	100		
141	80.1	71.4	107.0
115	28.5	30.3	45.5#



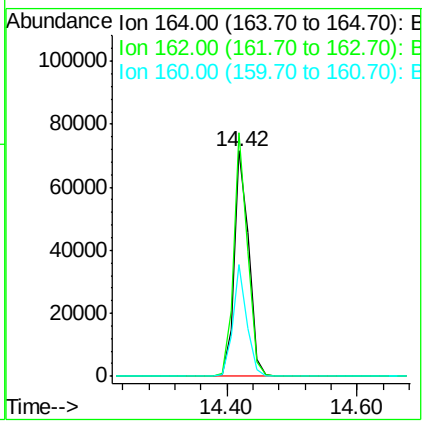


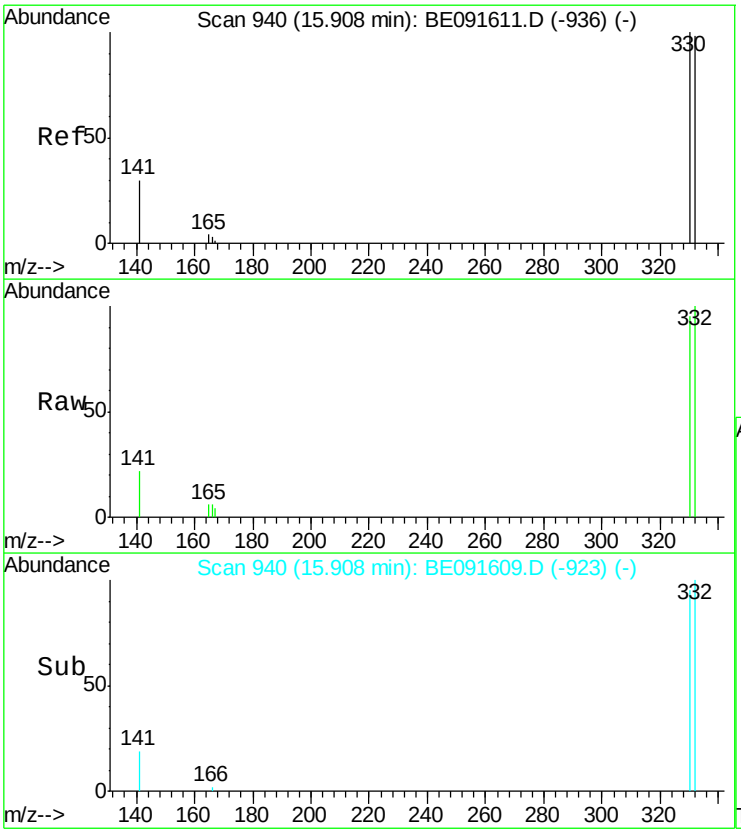
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 112108

Ion	Ratio	Lower	Upper
164	100		
162	108.0	85.3	127.9
160	49.4	46.2	69.2

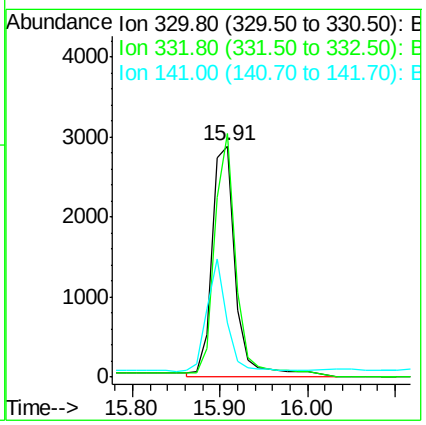


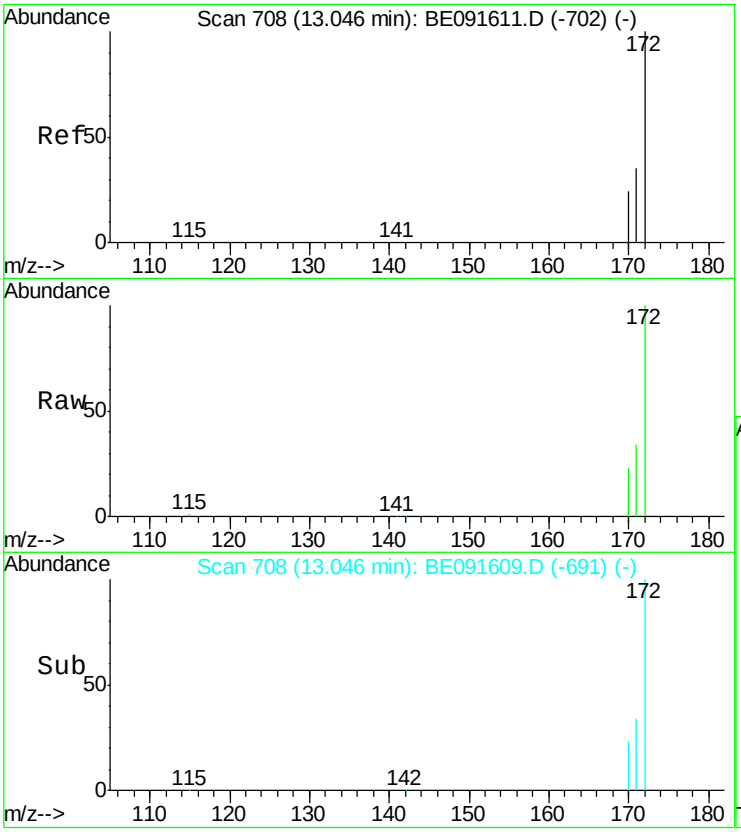


#14
2,4,6-Tribromophenol
Concen: 1.73 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:330 Resp: 6128

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	35.2	125.4	188.0#



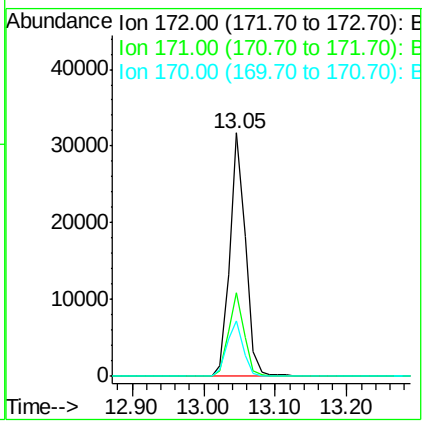


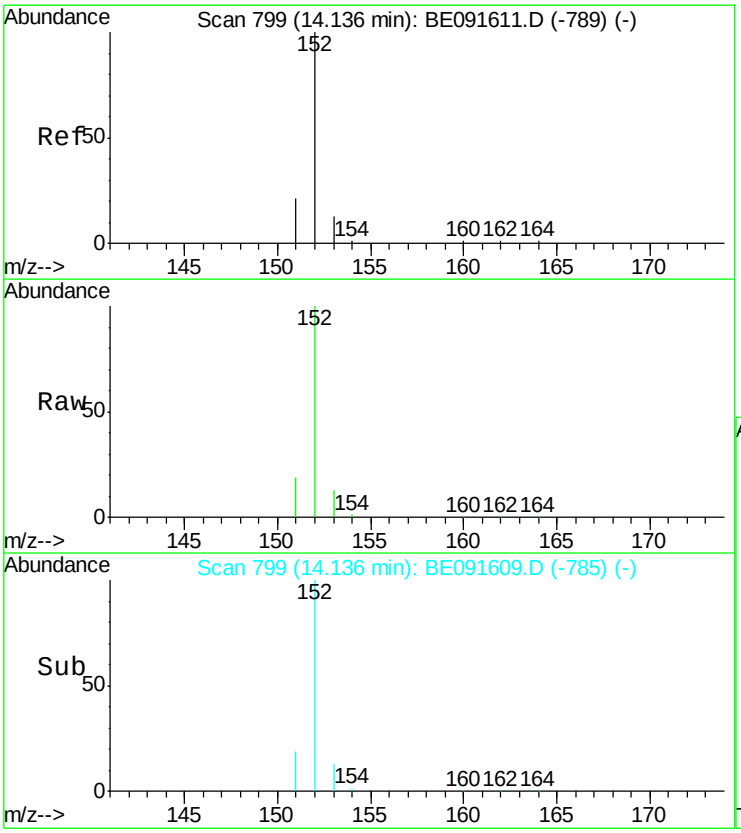
#15
2-Fluorobiphenyl
Concen: 1.57 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 47666

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.8	43.2
170	22.8	19.3	28.9

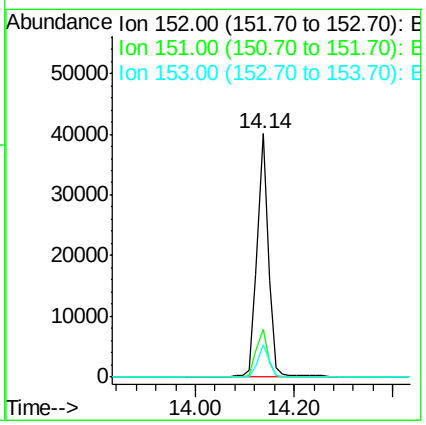


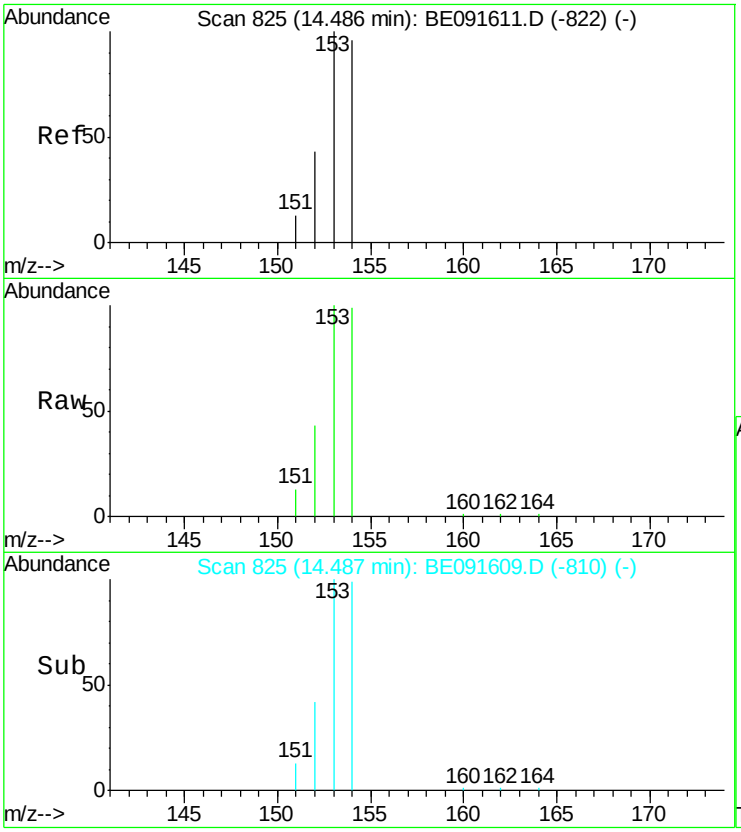


#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:152 Resp: 68126

Ion	Ratio	Lower	Upper
152	100		
151	18.1	3.9	5.9#
153	14.3	10.3	15.5



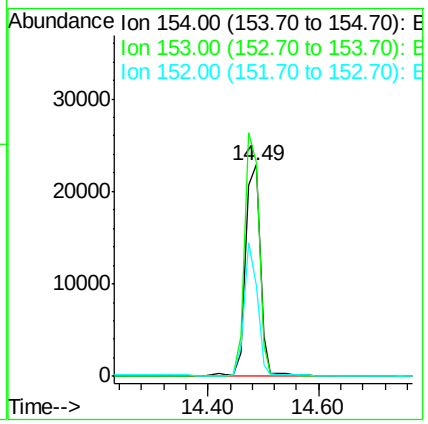


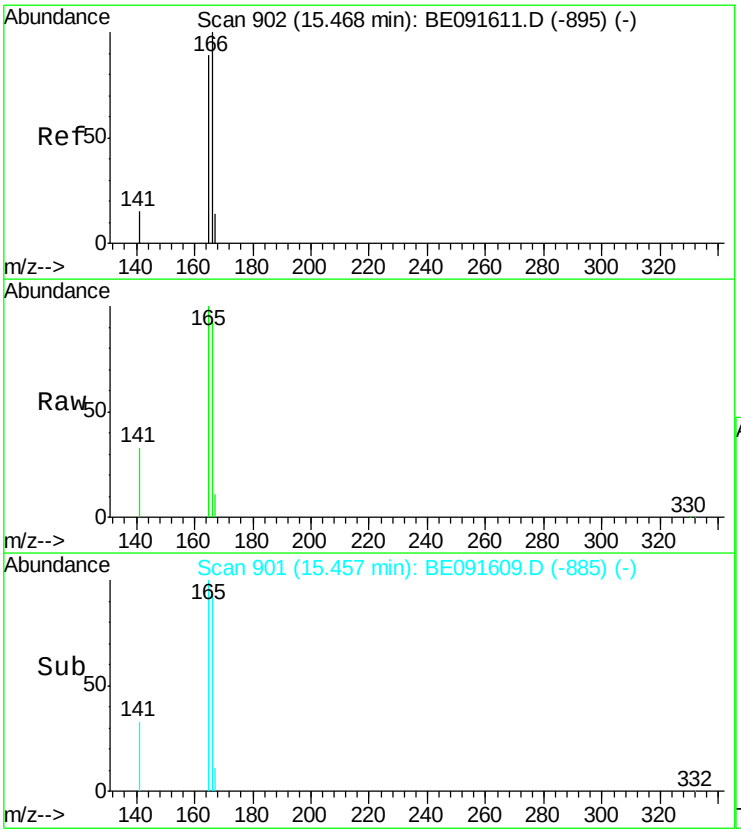
#17
Acenaphthene
Concen: 1.40 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 41927

Ion	Ratio	Lower	Upper
154	100		
153	111.4	80.0	120.0
152	55.4	40.0	60.0

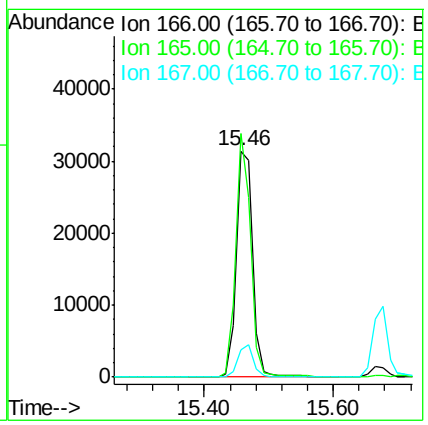


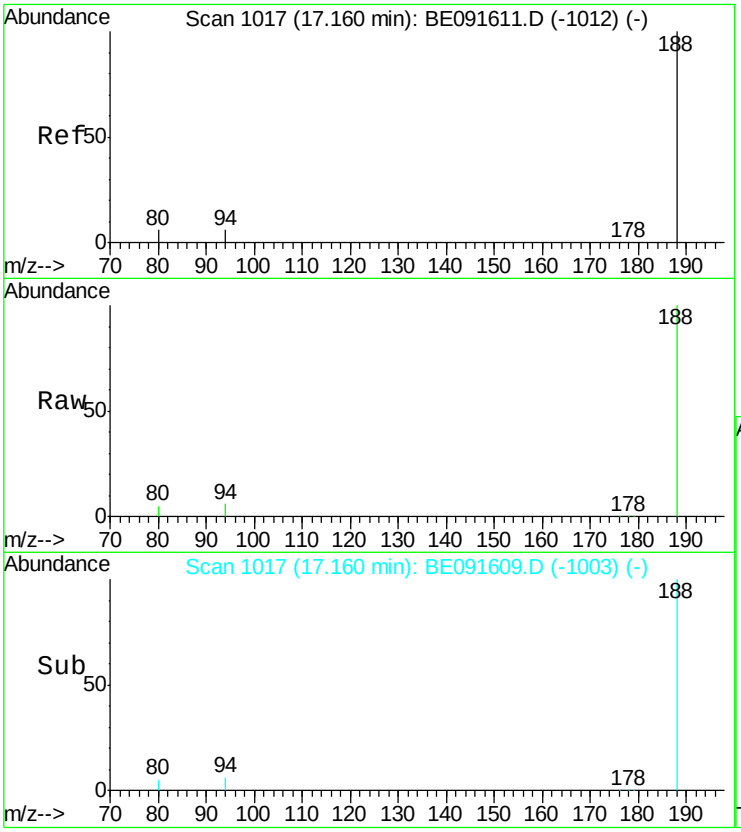


#18
Fluorene
Concen: 1.44 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:166 Resp: 53239

Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.8	121.2
167	13.5	10.9	16.3



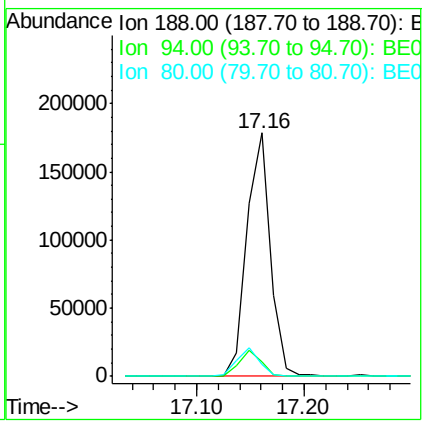


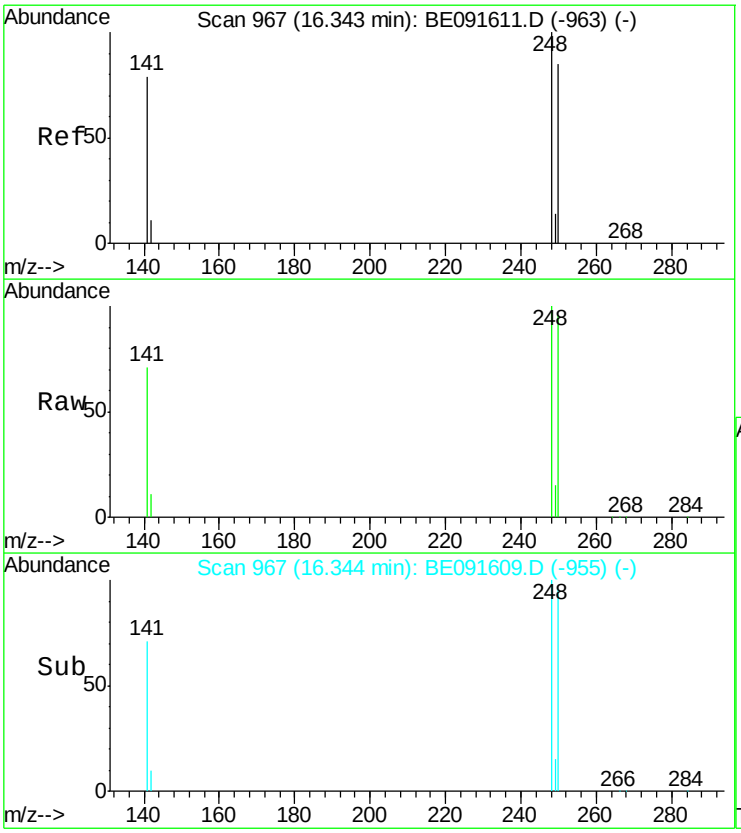
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 272515

Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	5.1	9.4	14.0#

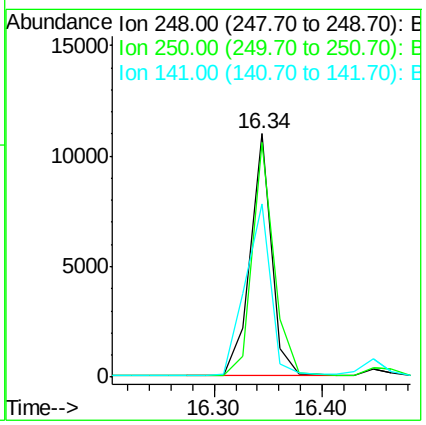


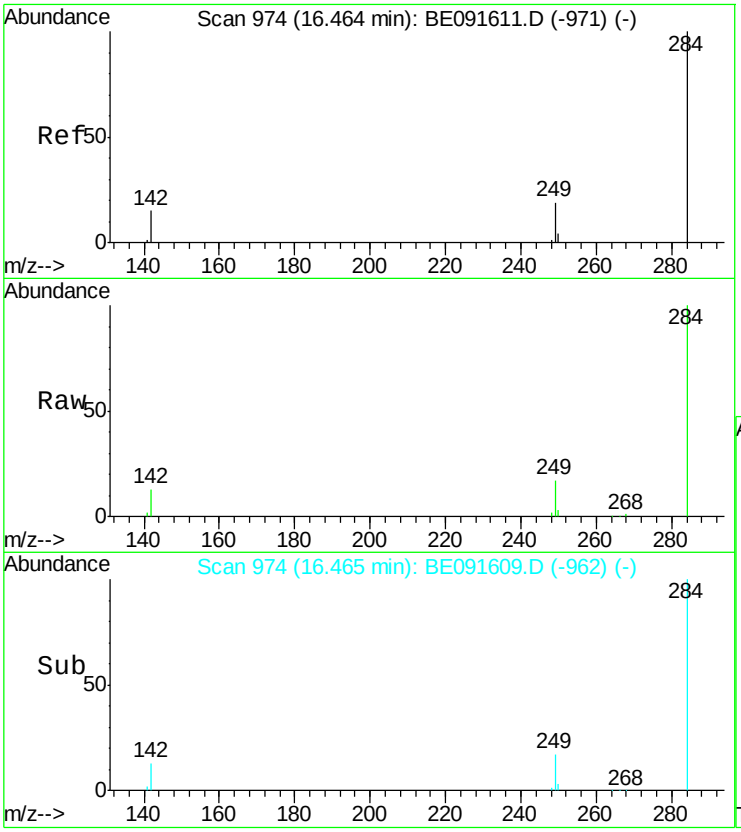


#20
4-Bromophenyl-phenylether
Concen: 1.48 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:248 Resp: 15222

Ion	Ratio	Lower	Upper
248	100		
250	97.1	80.5	120.7
141	83.0	72.0	108.0



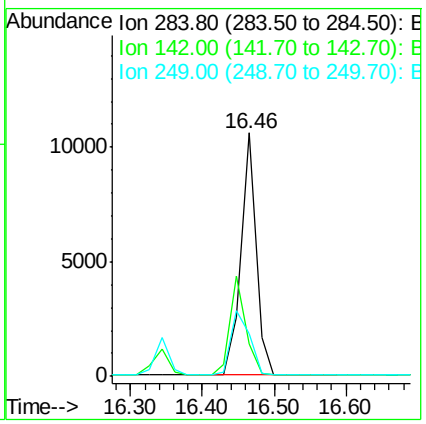


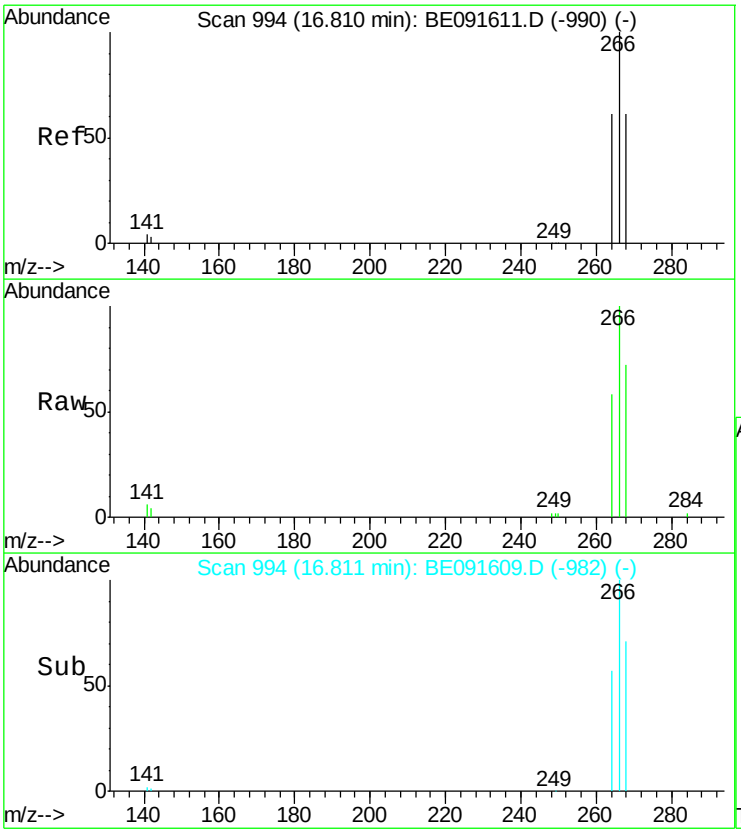
#21
Hexachlorobenzene
Concen: 0.29 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 15496

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.2	48.2
249	32.5	25.4	38.2

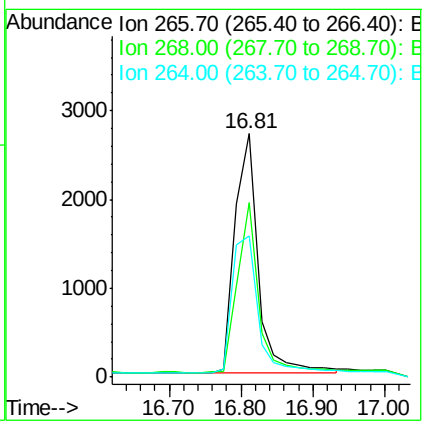


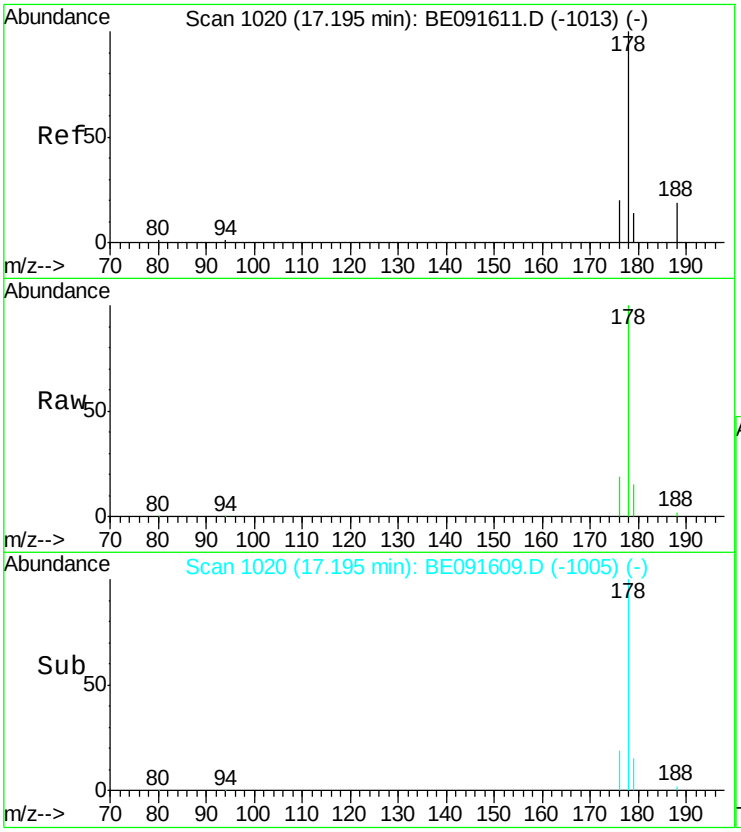


#22
Pentachlorophenol
Concen: 1.56 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:266 Resp: 5981

Ion	Ratio	Lower	Upper
266	100		
268	71.7	58.2	87.2
264	58.1	56.2	84.4



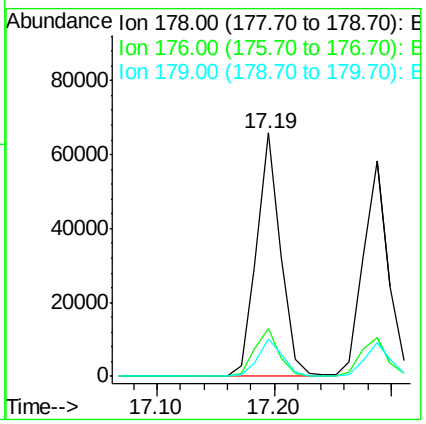


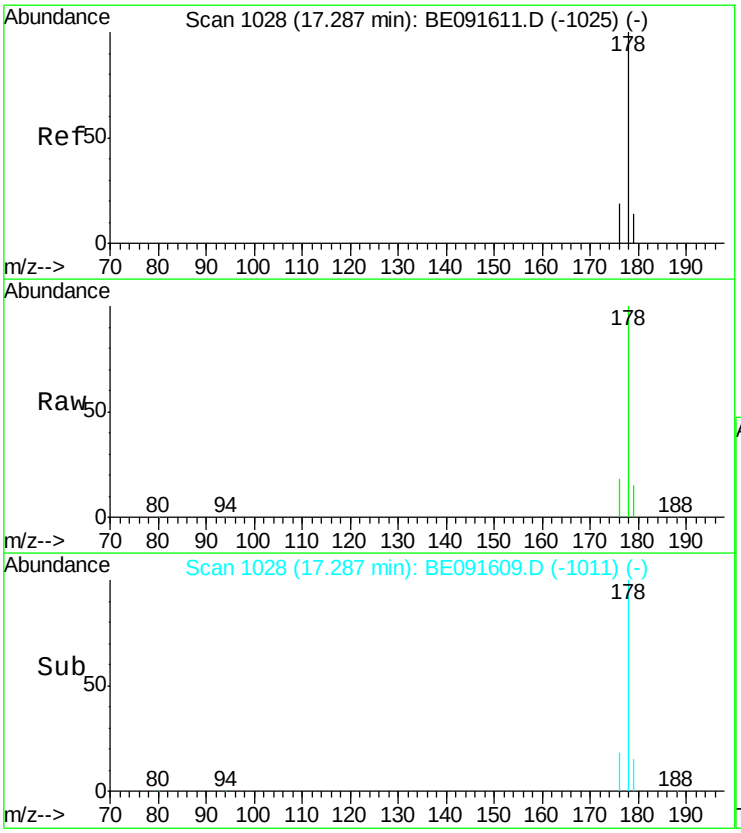
#23
Phenanthrene
Concen: 1.37 ng
RT: 17.19 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 94675

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.7	12.6	18.8

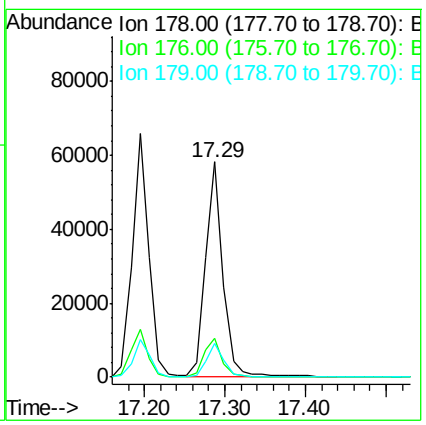


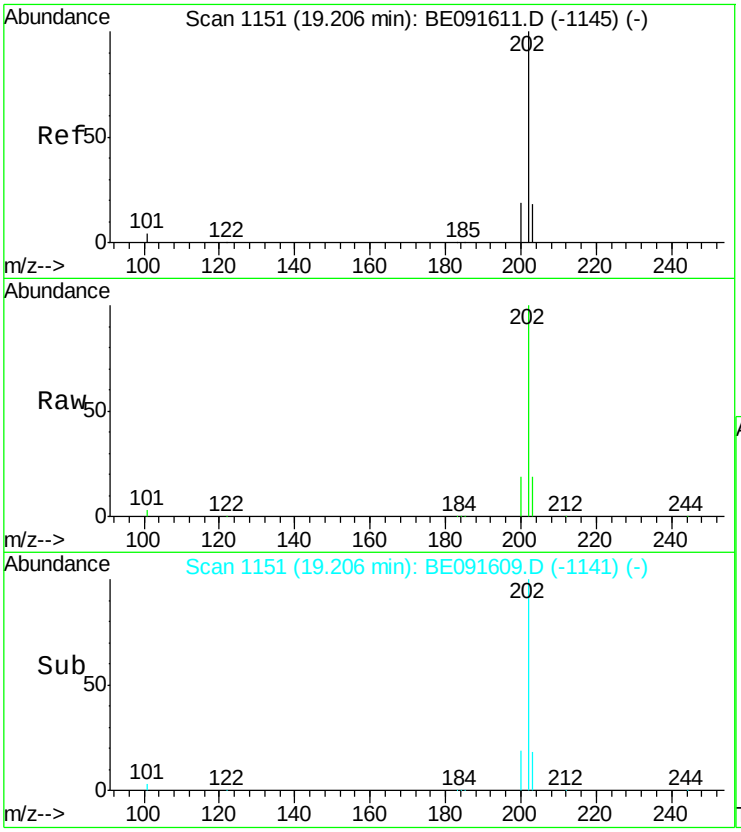


#24
Anthracene
Concen: 1.42 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:178 Resp: 87724

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



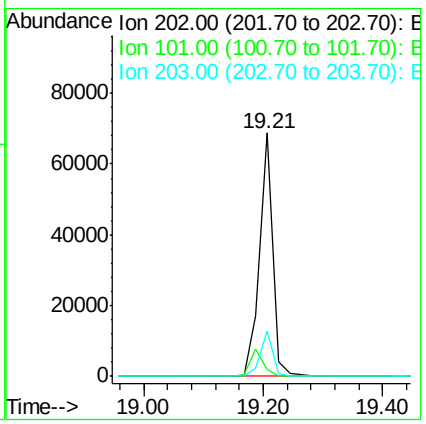


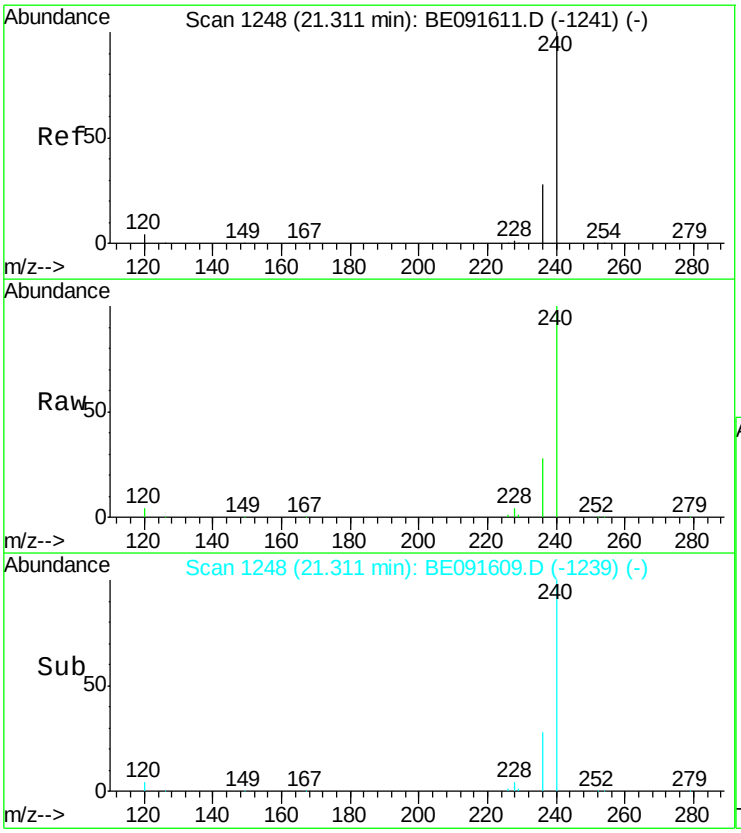
#25
Fluoranthene
Concen: 1.28 ng
RT: 19.21 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 105249

Ion	Ratio	Lower	Upper
202	100		
101	10.9	11.0	16.6#
203	17.6	13.9	20.9

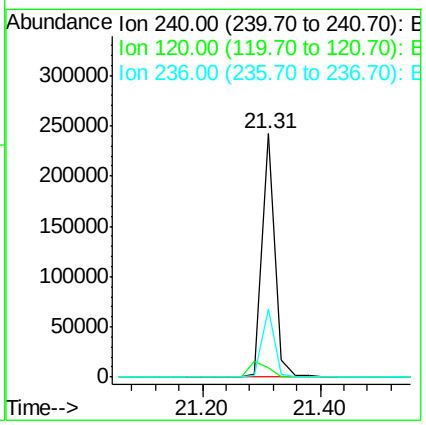


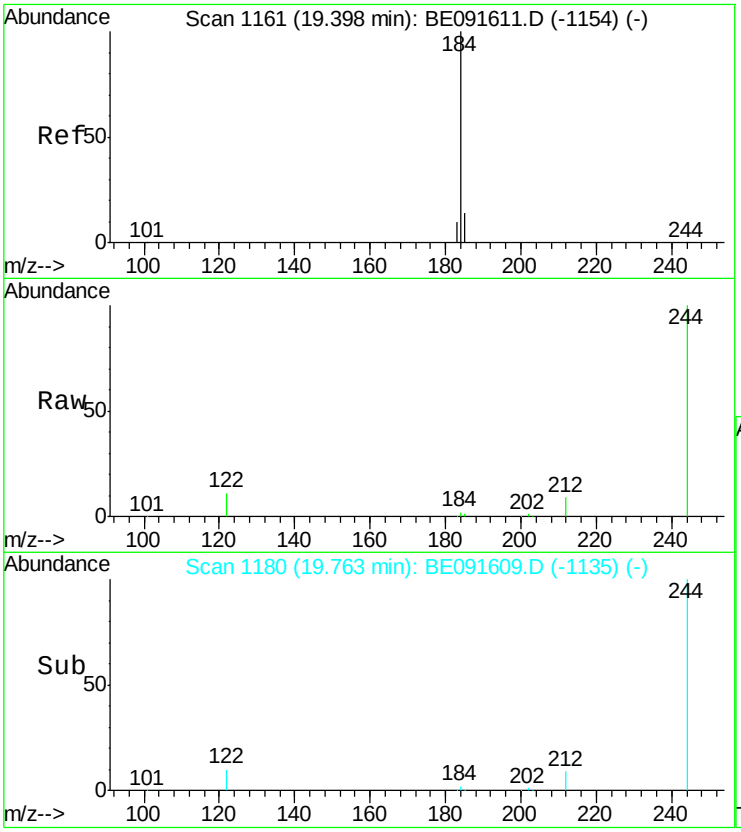


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:240 Resp: 368899

Ion	Ratio	Lower	Upper
240	100		
120	3.7	11.0	16.4#
236	28.1	21.7	32.5



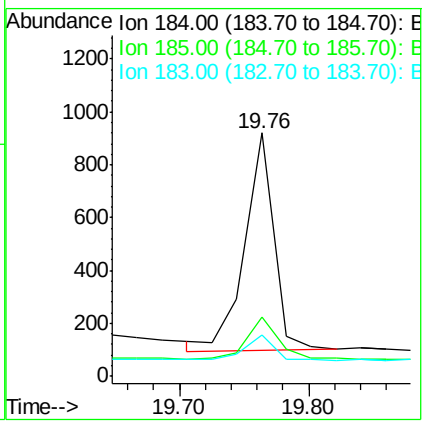


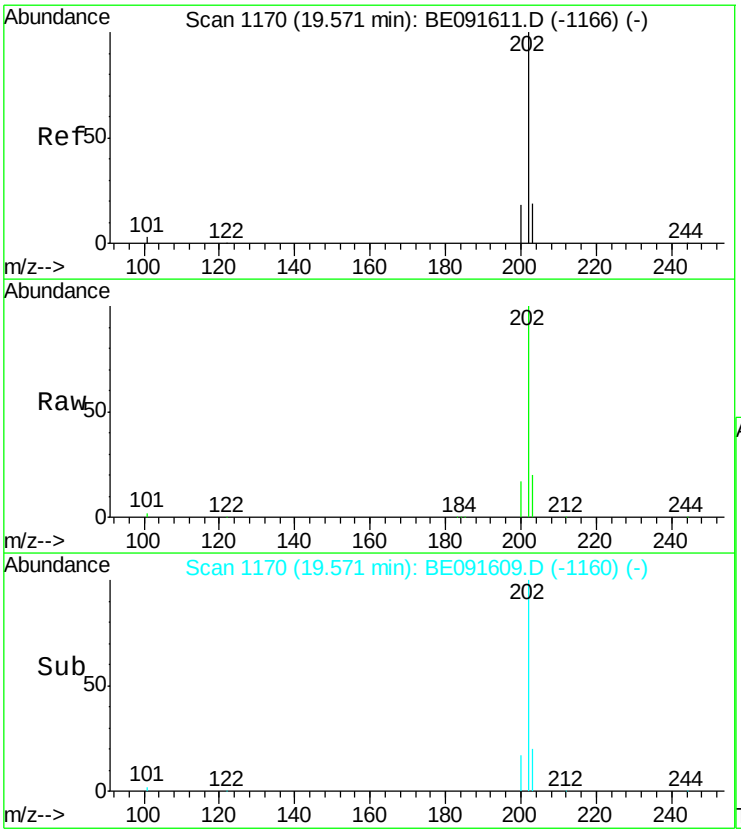
#27
Benzidine
Concen: 0.19 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.37 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:184 Resp: 1282

Ion	Ratio	Lower	Upper
184	100		
185	24.1	22.3	33.5
183	17.0	16.4	24.6

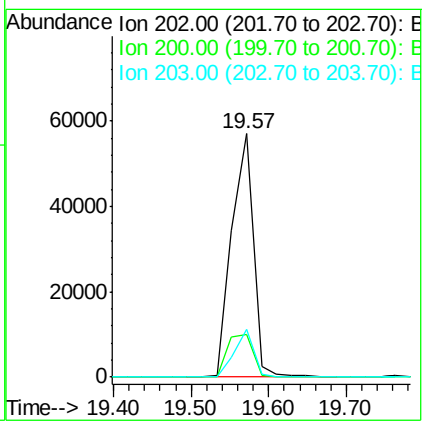


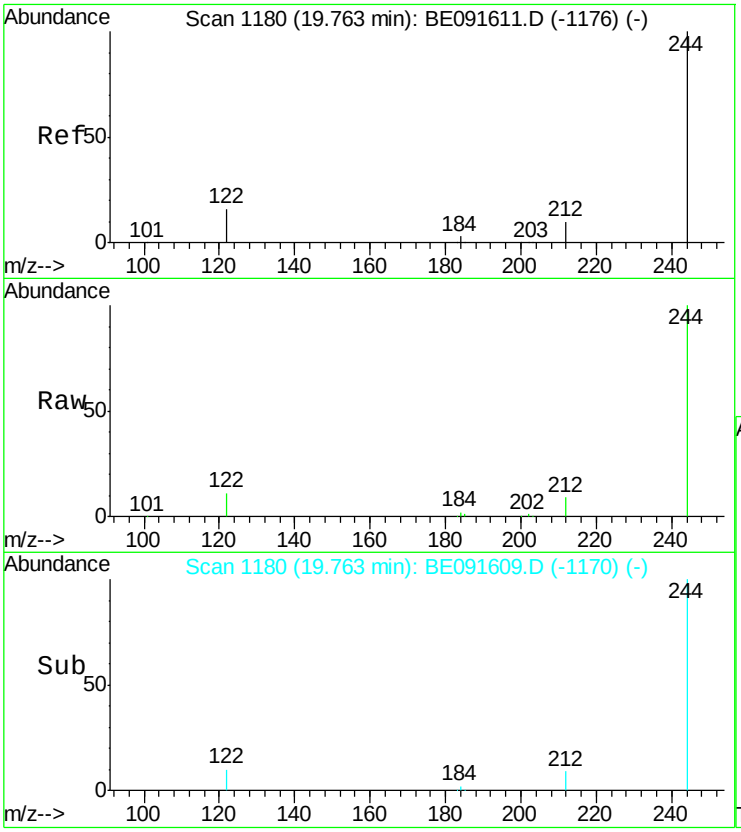


#28
Pyrene
Concen: 1.16 ng
RT: 19.57 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:202 Resp: 109587

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.0	21.0



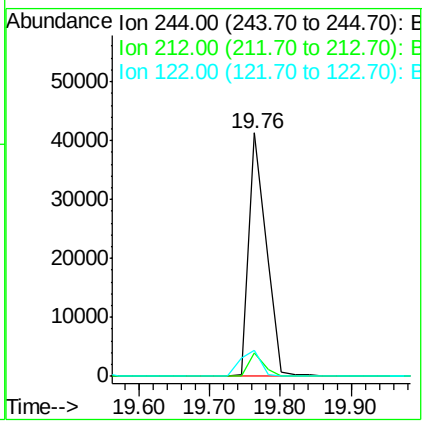


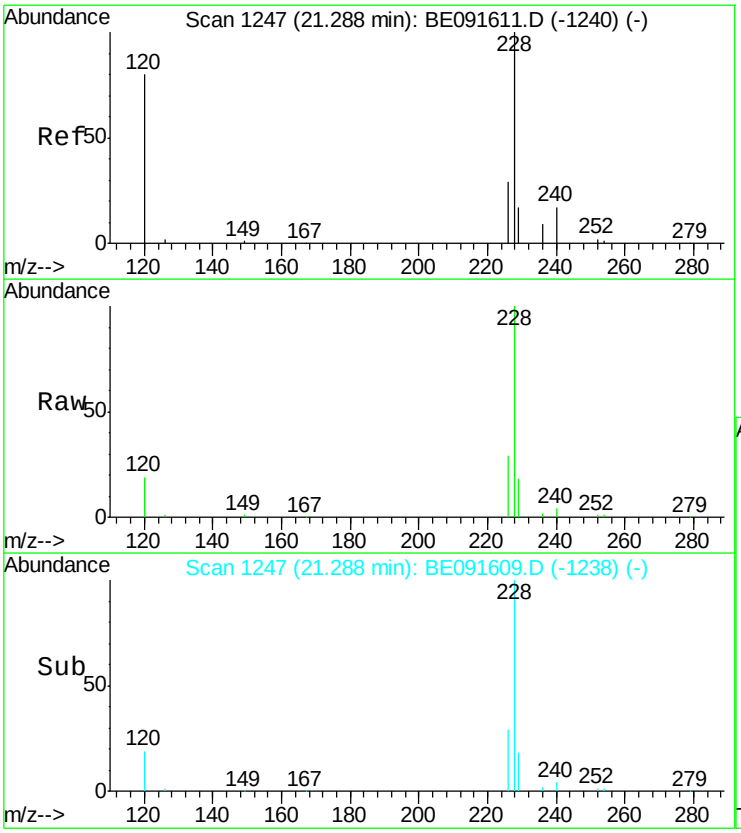
#29
Terphenyl-d14
Concen: 1.54 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 71837

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.9	10.3
122	10.6	11.0	16.4#

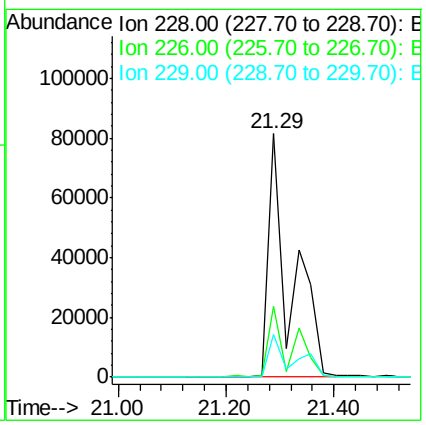


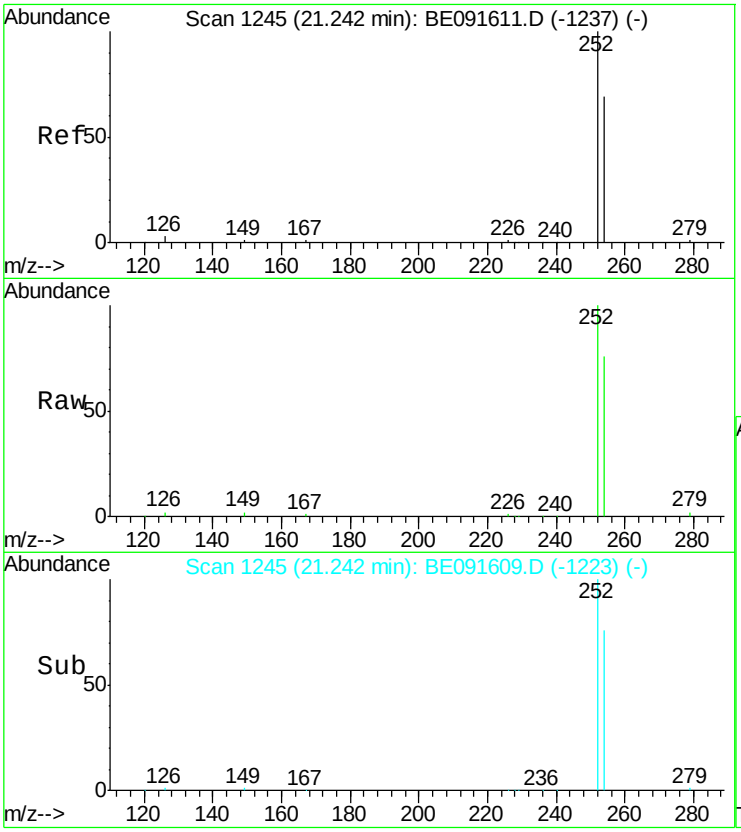


#30
Benzo(a)anthracene
Concen: 2.66 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:228 Resp: 231018

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	17.7	15.7	23.5



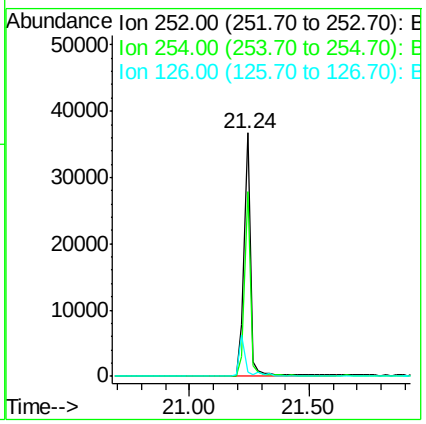


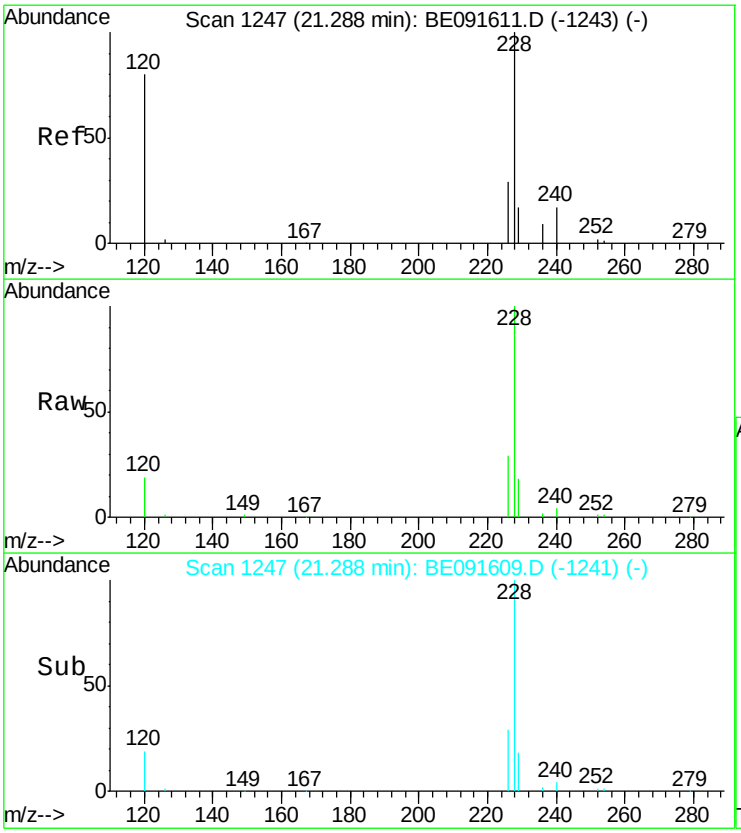
#31
3,3'-Dichlorobenzidine
Concen: 4.60 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 68193

Ion	Ratio	Lower	Upper
252	100		
254	75.8	51.1	76.7
126	1.6	12.6	18.8#

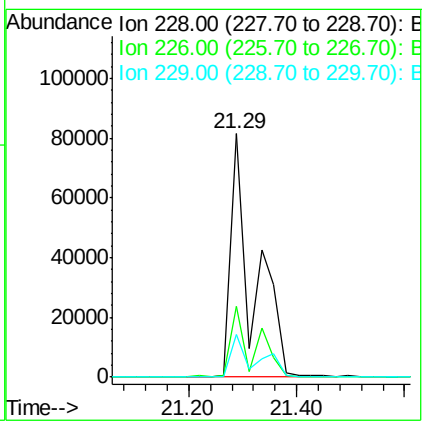


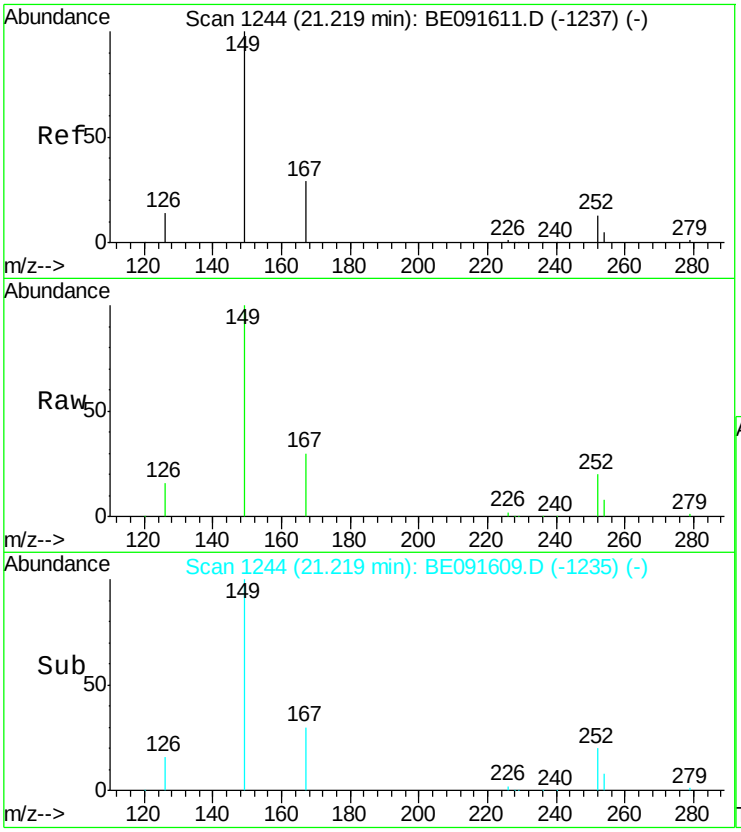


#32
Chrysene
Concen: 2.09 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:228 Resp: 232377

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	17.7	15.9	23.9



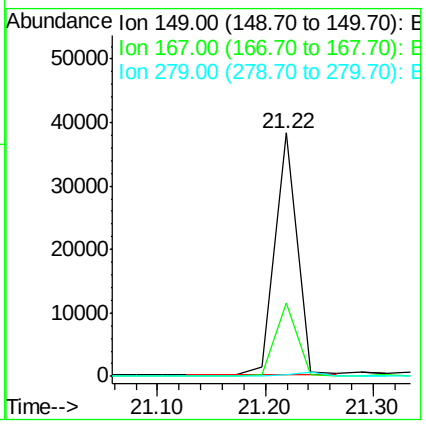


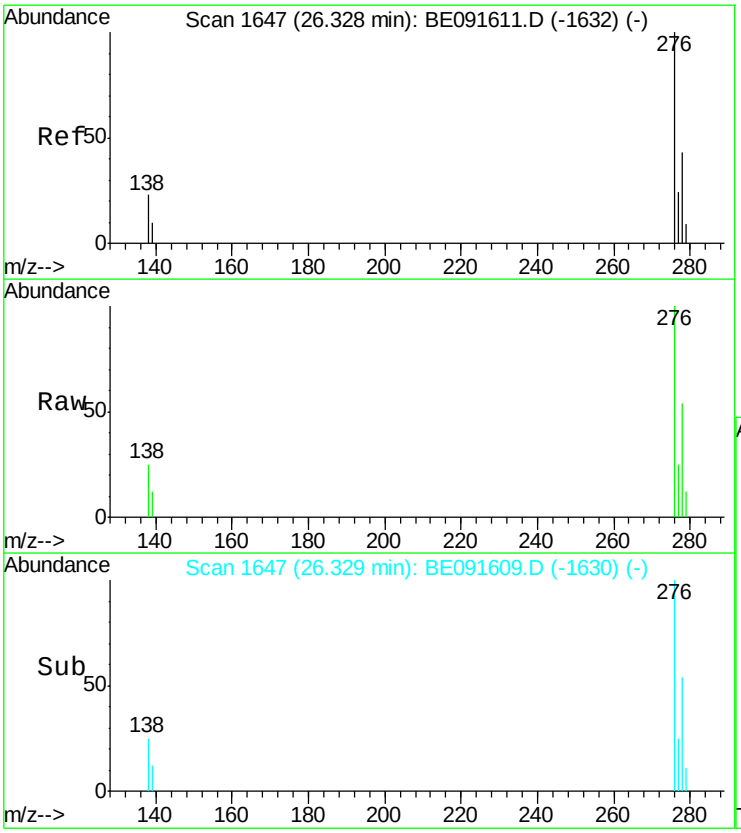
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.60 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 55154

Ion	Ratio	Lower	Upper
149	100		
167	30.0	19.5	29.3#
279	0.0	10.0	15.0#

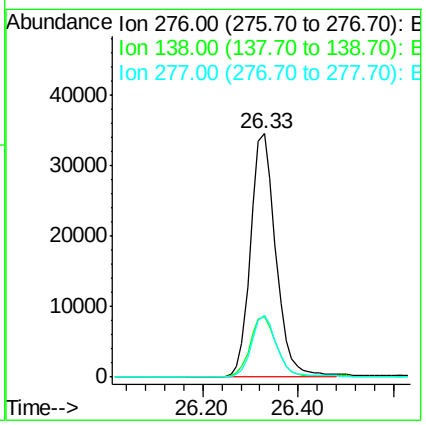


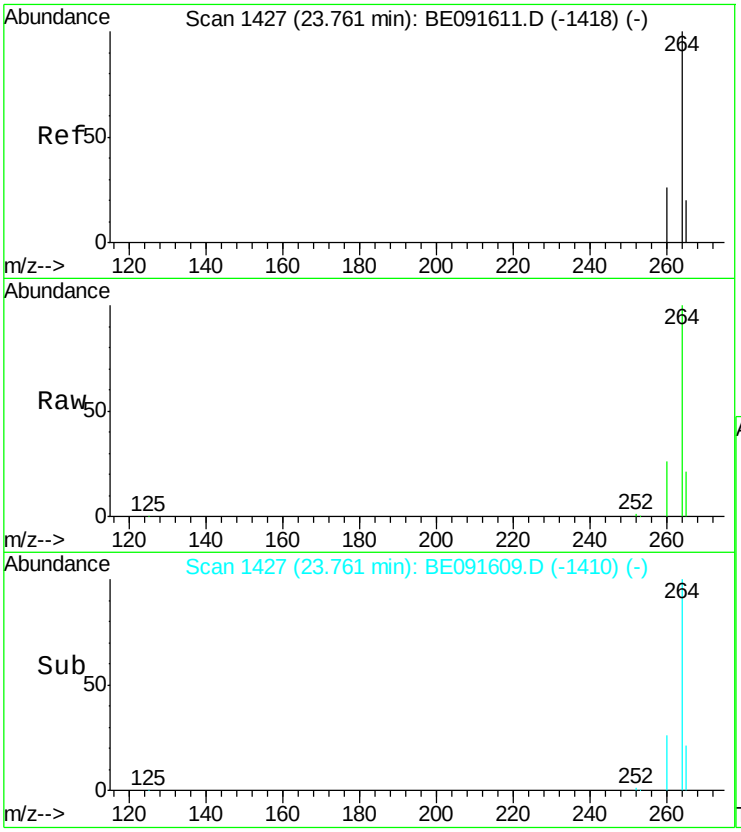


#34
Indeno(1,2,3-cd)pyrene
Concen: 1.41 ng
RT: 26.33 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:276 Resp: 126270

Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.4	35.2
277	24.9	19.8	29.8



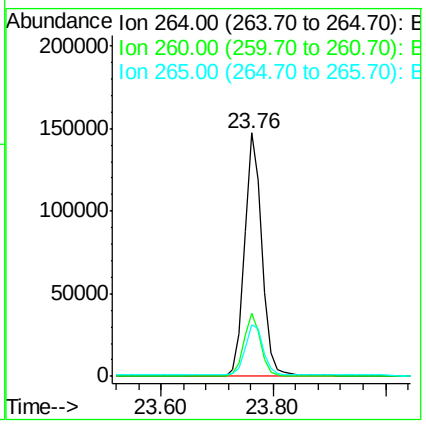


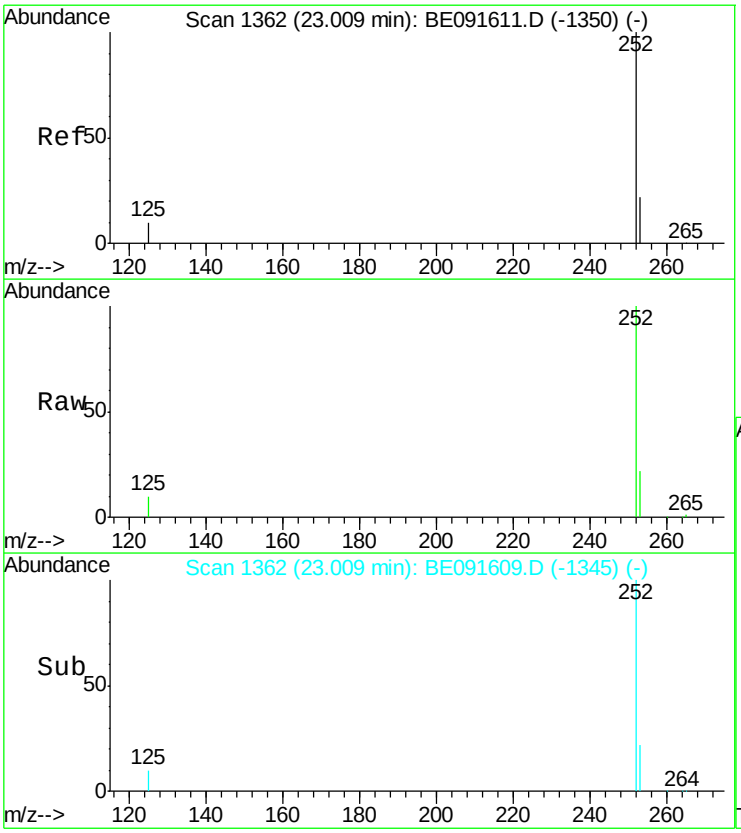
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 321503

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.0	30.0
265	21.4	17.5	26.3

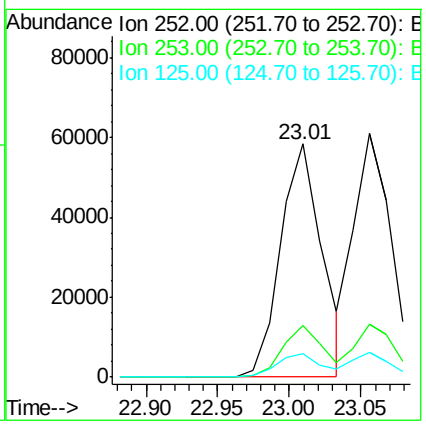


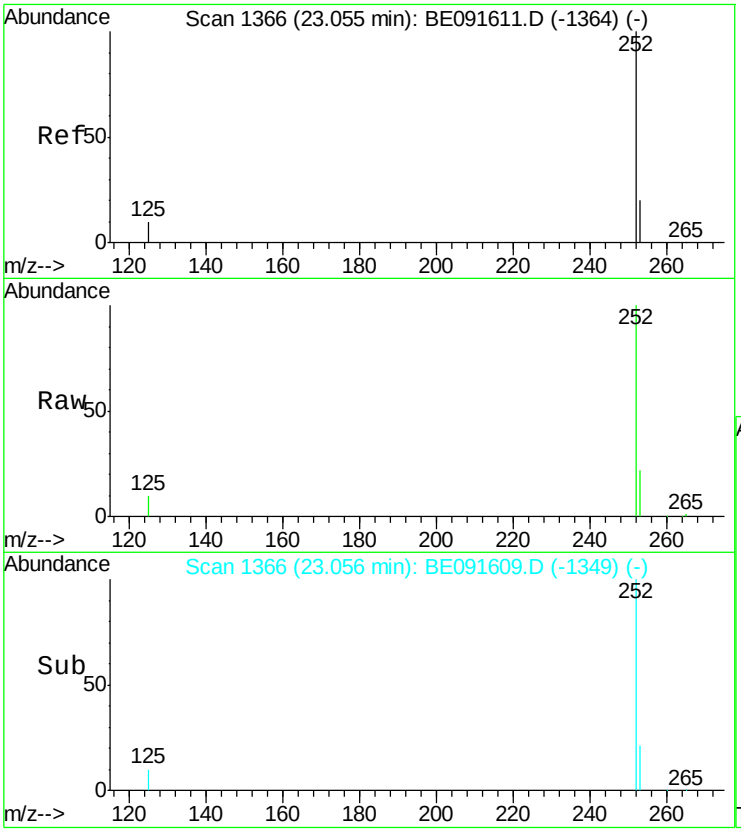


#36
Benzo(b)fluoranthene
Concen: 1.63 ng
RT: 23.01 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:252 Resp: 115818

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.9	10.2	15.2#



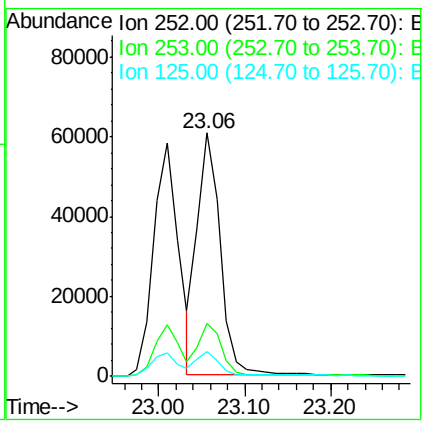


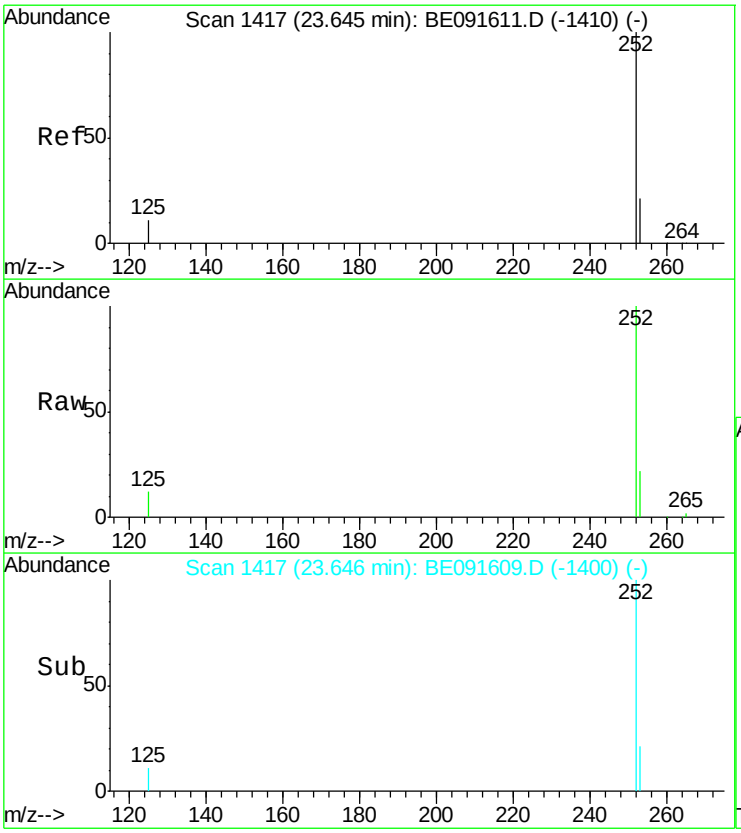
#37
Benzo(k)fluoranthene
Concen: 1.16 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 112577

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.1	9.9	14.9

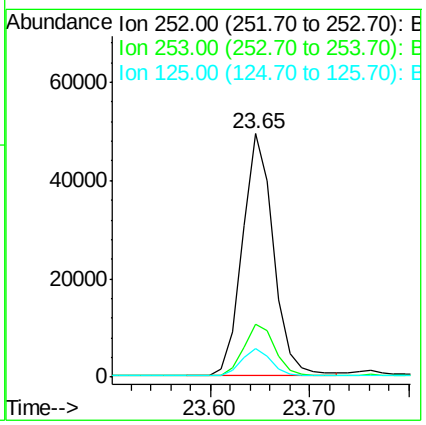


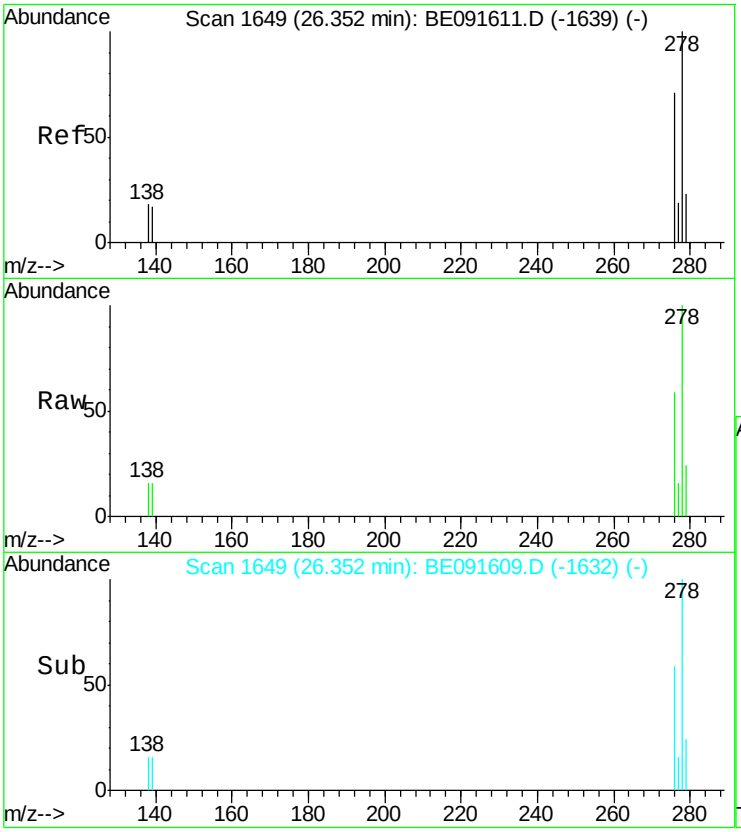


#38
Benzo(a)pyrene
Concen: 1.63 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:252 Resp: 106953

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.6	11.0	16.4



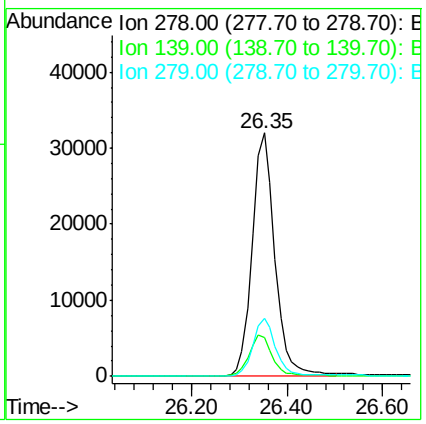


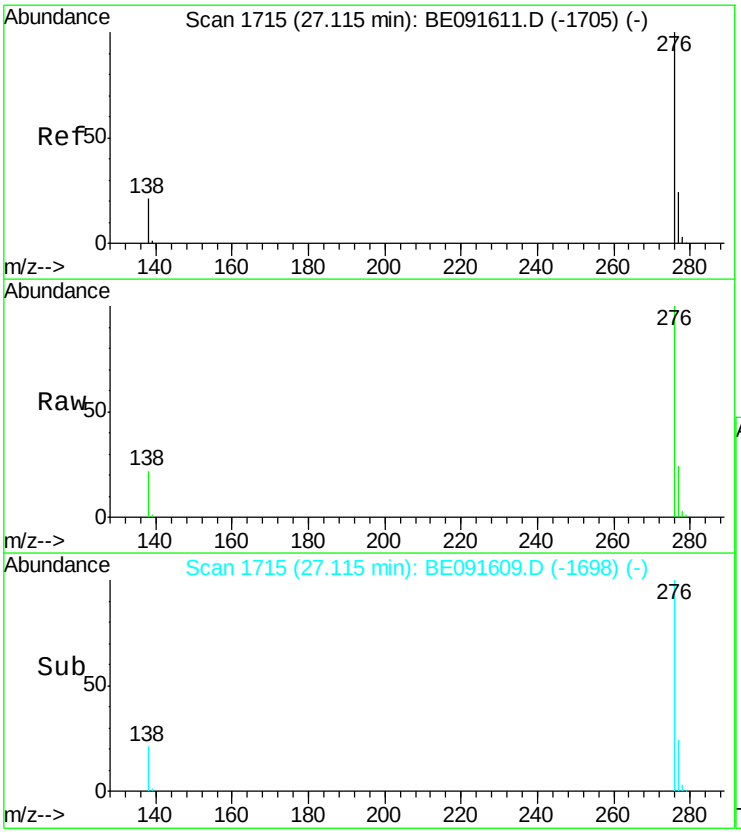
#39
Dibenzo(a,h)anthracene
Concen: 1.61 ng
RT: 26.35 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 104689

Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	23.8	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 1.52 ng
RT: 27.12 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE091609.D
Acq: 8 Apr 2016 13:02

Tgt Ion:276 Resp: 107198

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	21.6	20.4	30.6