Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091612.D
Acq On : 8 Apr 2016 15:13
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Apr 08 15:48:12 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 15:46:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	38107	5.00	ng		-0.02
7) Naphthalene-d8	10.59	136	177312	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	105881	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	267512	5.00	ng		0.00
26) Chrysene-d12	21.31	240	328396	5.00	ng		0.00
35) Perylene-d12	23.76	264	294484	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	1742	0.22	ng		0.00
5) Phenol-d6	6.97	99	2141	0.22	ng		0.00
8) Nitrobenzene-d5	8.96	82	1781	0.19	ng		0.00
14) 2,4,6-Tribromophenol	15.91	330	920	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.05	172	5757	0.20	ng		0.00
29) Terphenyl-d14	19.78	244	7873	0.19	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1105	0.16	ng		89
3) n-Nitrosodimethylamine	3.65	42	1028	0.15	ng	#	94
6) bis(2-Chloroethyl)ether	7.23	93	1932	0.17	ng	#	77
9) Nitrobenzene	9.00	77	1761	0.17	ng		96
10) Naphthalene	10.63	128	7250	0.19	ng		99
11) Hexachlorobutadiene	10.92	225	1580	0.25	ng	#	84
12) 2-Methylnaphthalene	12.25	142	4426	0.20	ng		93
16) Acenaphthylene	14.14	152	7886	0.04	ng	#	64
17) Acenaphthene	14.49	154	4969	0.18	ng		86
18) Fluorene	15.47	166	6056	0.17	ng		99
20) 4-Bromophenyl-phenylether	16.34	248	1808	0.18	ng		95
21) Hexachlorobenzene	16.47	284	1883	0.04	ng		99
22) Pentachlorophenol	16.81	266	451	0.12	ng		95
23) Phenanthrene	17.20	178	12135	0.18	ng		98
24) Anthracene	17.29	178	10028	0.17	ng		99
25) Fluoranthene	19.20	202	11794	0.15	ng	#	96
27) Benzidine	19.40	184	2709	0.46	ng	#	87
28) Pyrene	19.57	202	12608	0.15	ng		100
30) Benzo(a)anthracene	21.29	228	27689	0.36	ng		94
31) 3,3'-Dichlorobenzidine	21.24	252	6585	0.50	ng	#	95
32) Chrysene	21.29	228	27918	0.28	ng		97
33) Bis(2-ethylhexyl)phthalate	21.22	149	4167	0.14	ng	#	83
34) Indeno(1,2,3-cd)pyrene	26.33	276	14453	0.18	ng		96
36) Benzo(b)fluoranthene	23.01	252	13048	0.20	ng		96
37) Benzo(k)fluoranthene	23.06	252	13089	0.15	ng		97
38) Benzo(a)pyrene	23.65	252	11992	0.20	ng	#	96
39) Dibenzo(a,h)anthracene	26.36	278	11802	0.20	ng		96
40) Benzo(g,h,i)perylene	27.13	276	12381	0.19	ng		94

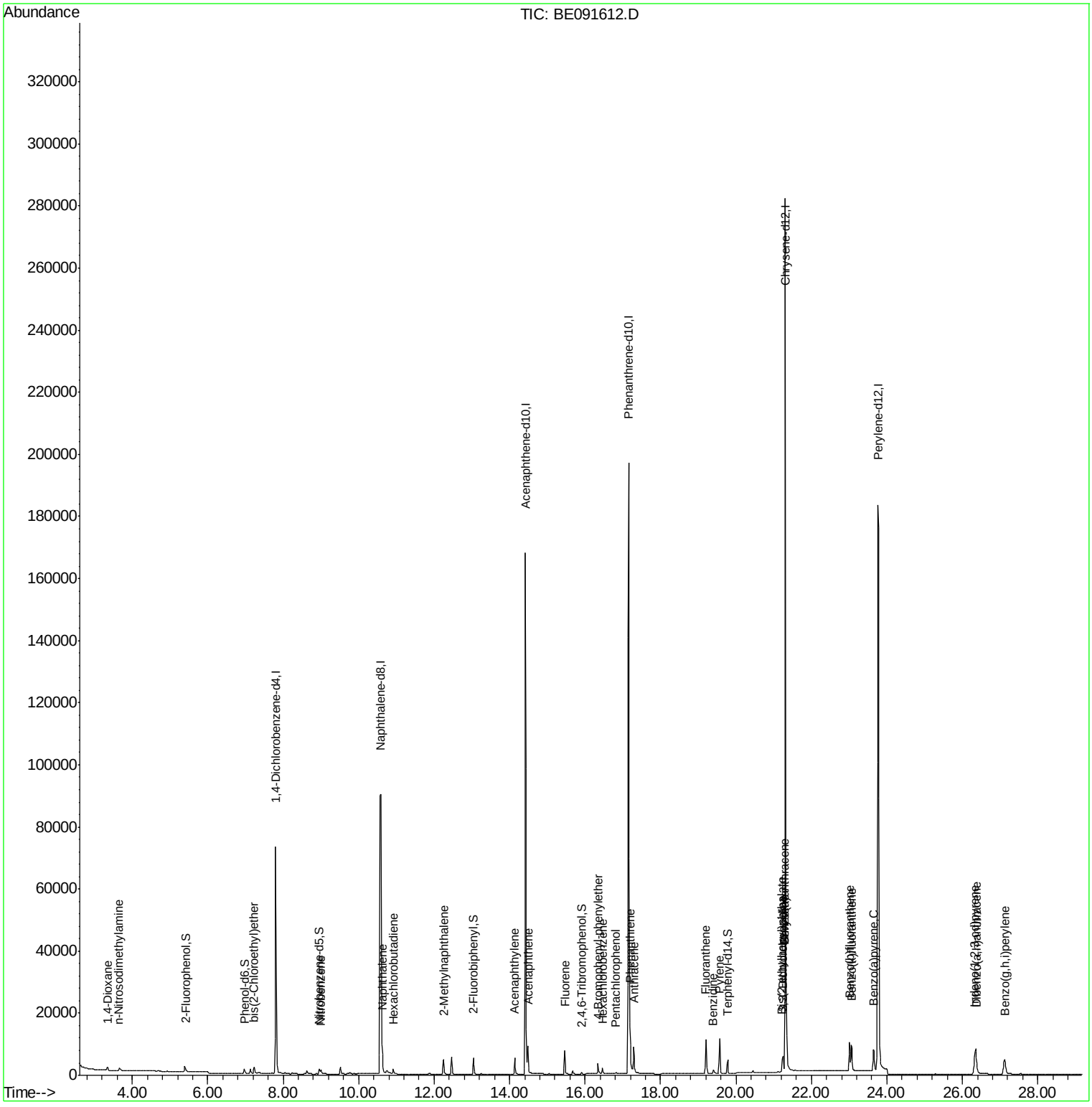
(#) = qualifier out of range (m) = manual integration (+) = signals summed

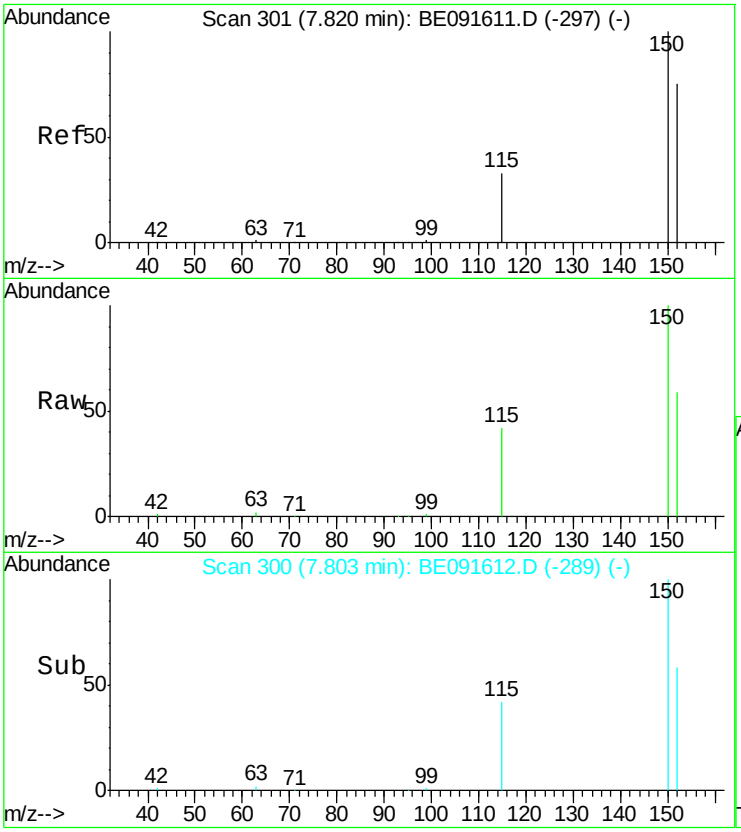
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
Data File : BE091612.D
Acq On : 8 Apr 2016 15:13
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Apr 08 15:48:12 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 15:46:51 2016
Response via : Initial Calibration



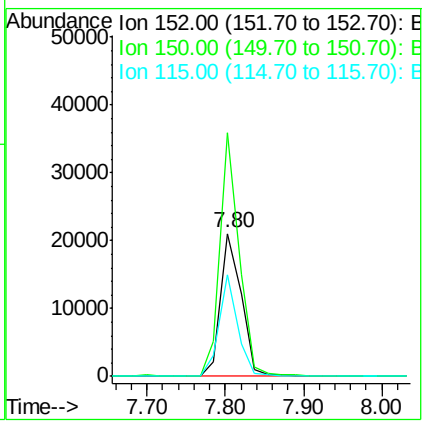


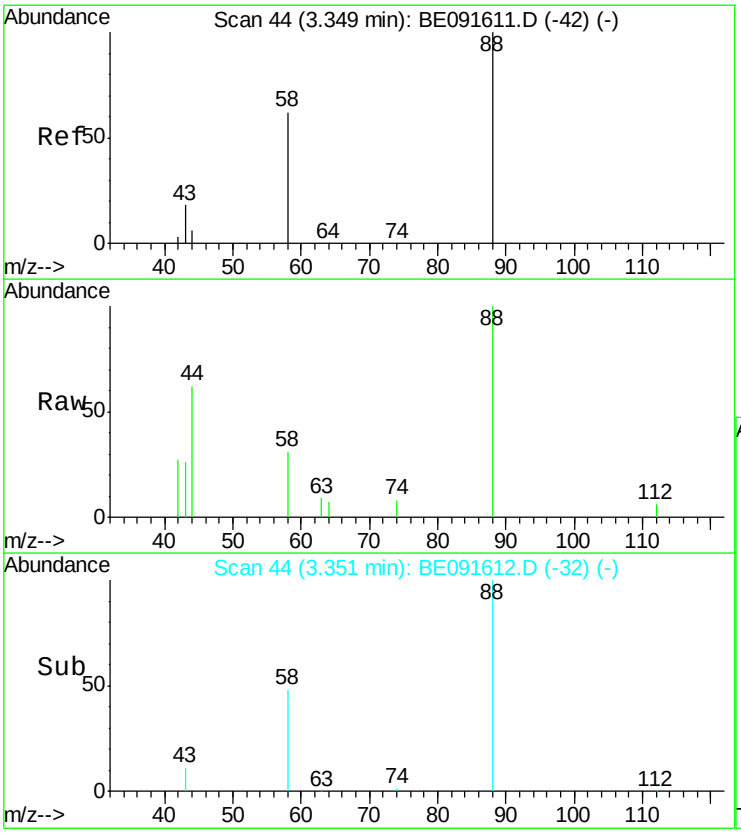
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 38107

Ion	Ratio	Lower	Upper
152	100		
150	170.7	122.6	183.8
115	71.3	52.8	79.2

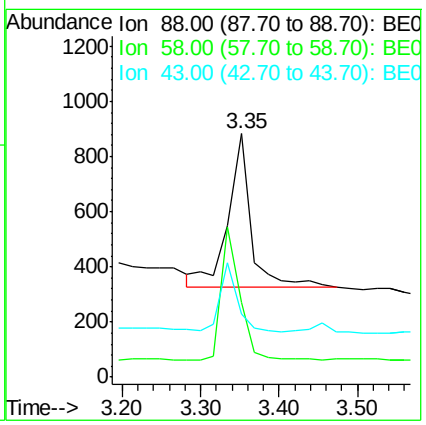


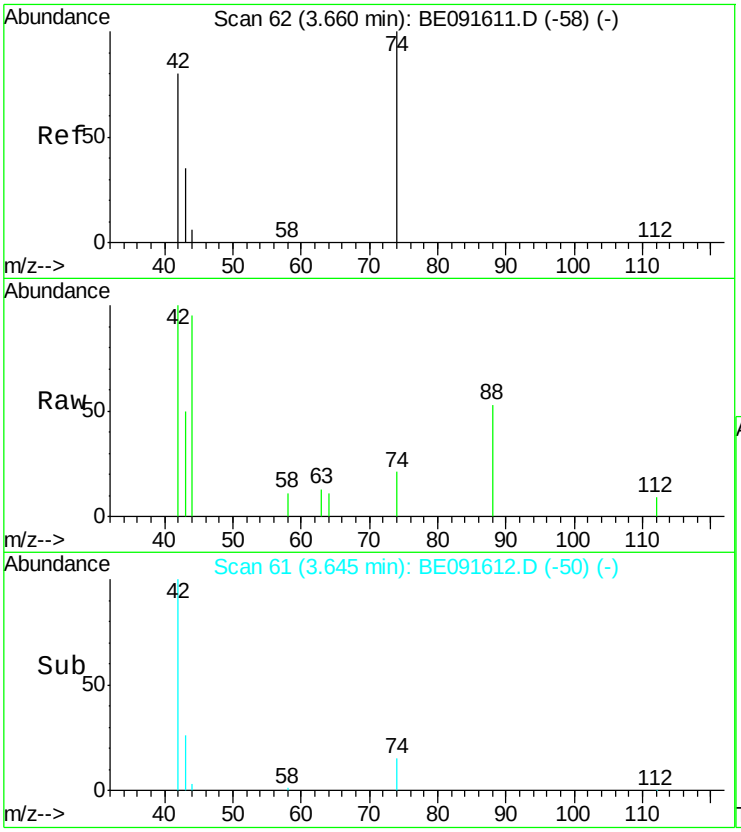


#2
1,4-Dioxane
Concen: 0.16 ng
RT: 3.35 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion: 88 Resp: 1105

Ion	Ratio	Lower	Upper
88	100		
58	70.8	65.8	98.6
43	34.8	25.3	37.9



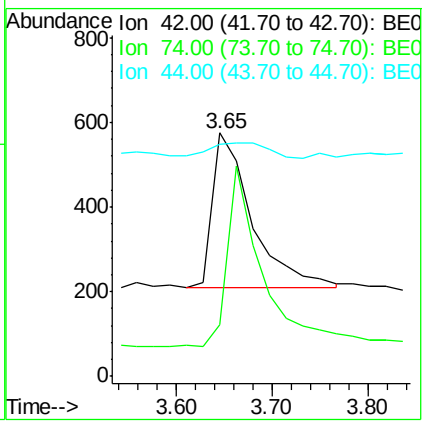


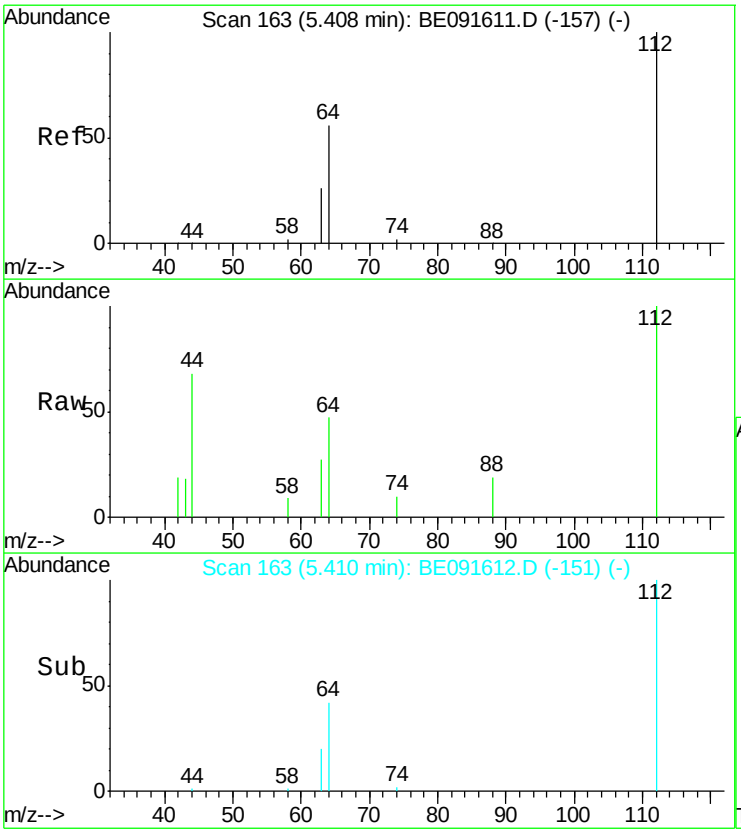
#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.01 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1028

Ion	Ratio	Lower	Upper
42	100		
74	105.2	87.9	131.9
44	15.8	6.6	9.8#

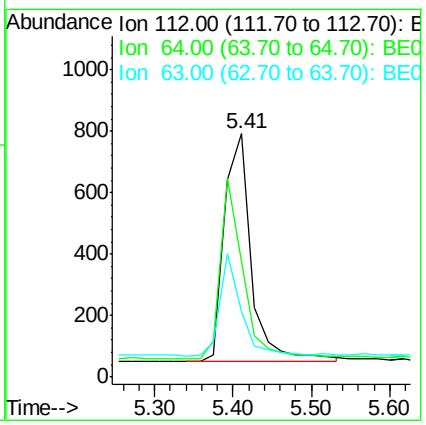


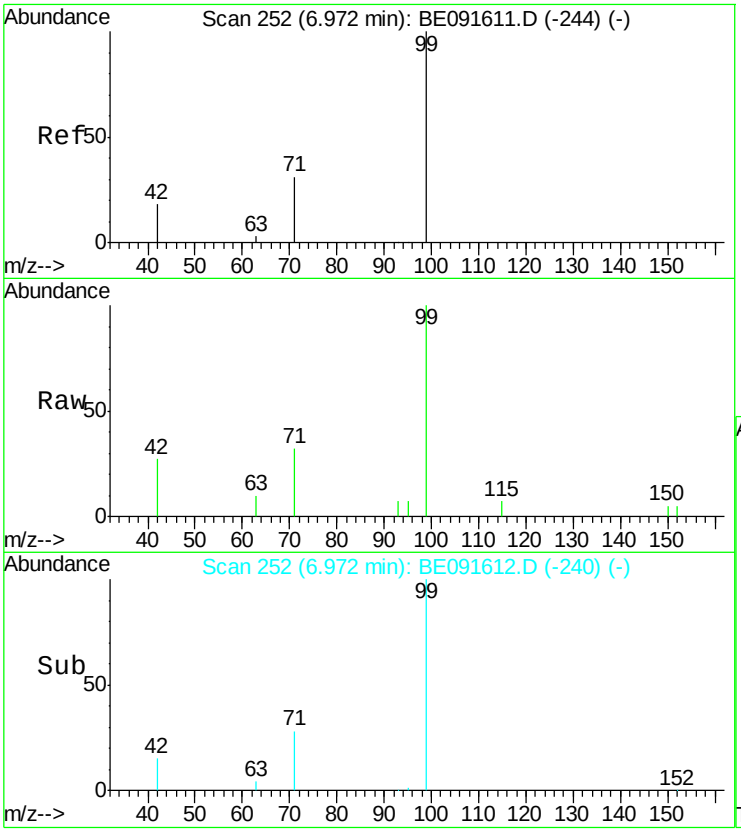


#4
2-Fluorophenol
Concen: 0.22 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:112 Resp: 1742

Ion	Ratio	Lower	Upper
112	100		
64	66.6	30.9	46.3#
63	35.6	16.7	25.1#



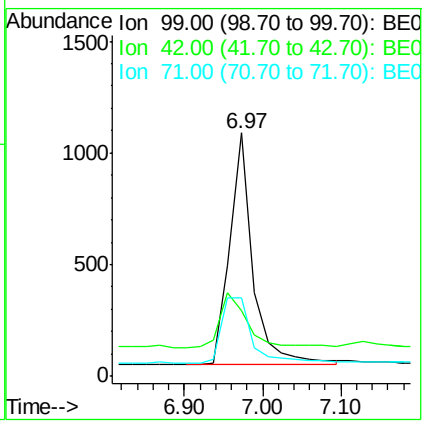


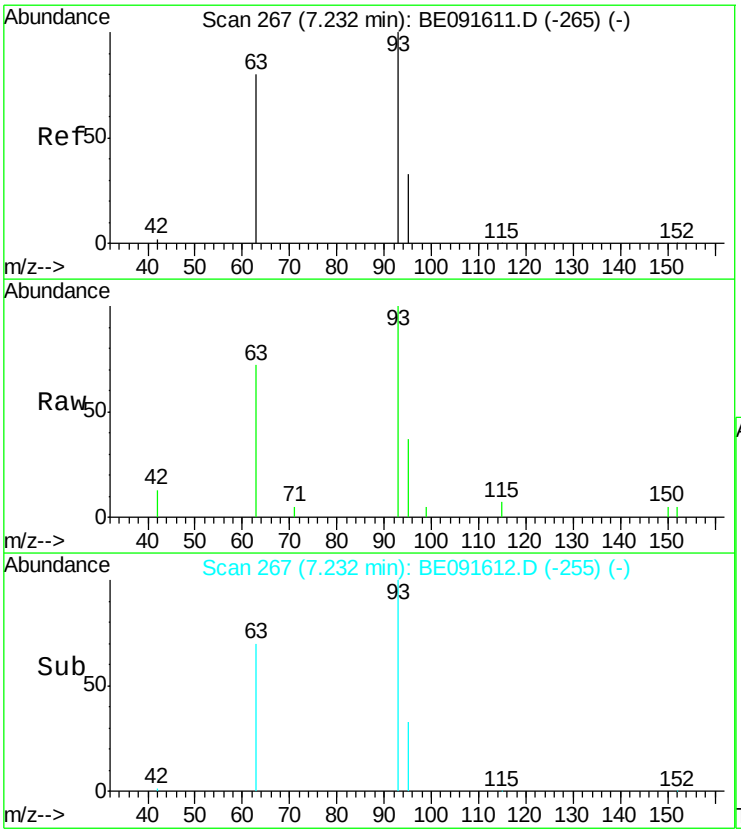
#5
Phenol-d6
Concen: 0.22 ng
RT: 6.97 min Scan# 252
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 2141

Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.2	24.2#
71	37.2	29.0	43.4

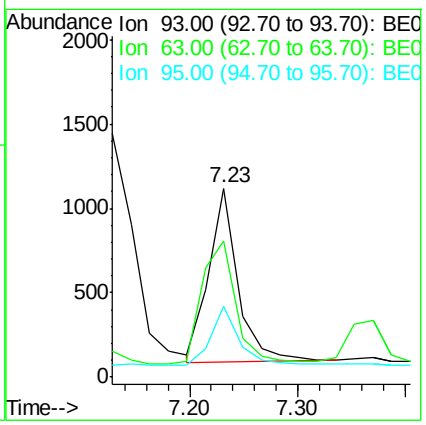


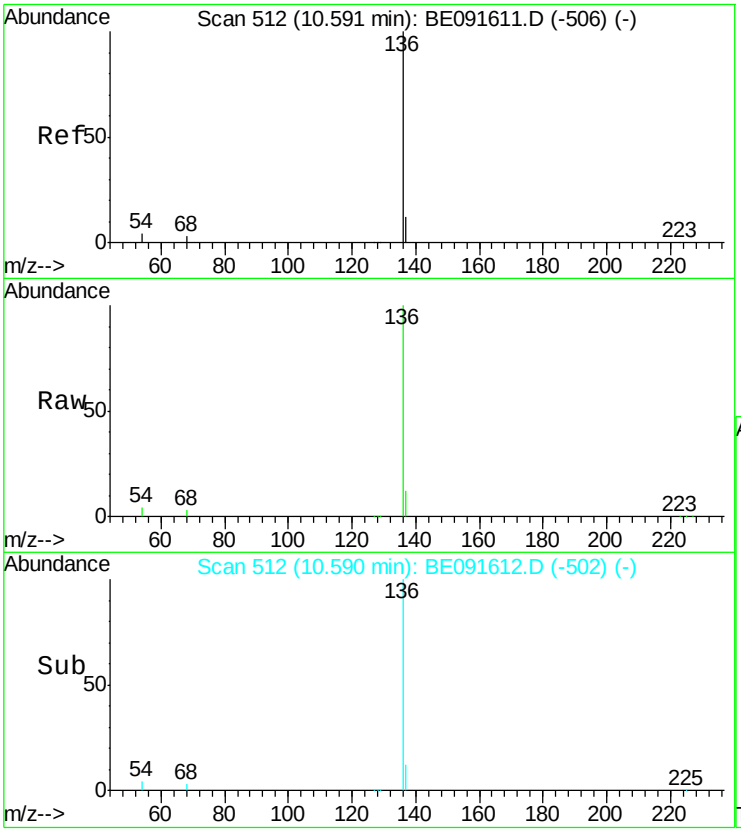


#6
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.23 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion: 93 Resp: 1932

Ion	Ratio	Lower	Upper
93	100		
63	84.1	49.5	74.3#
95	33.4	22.2	33.4#



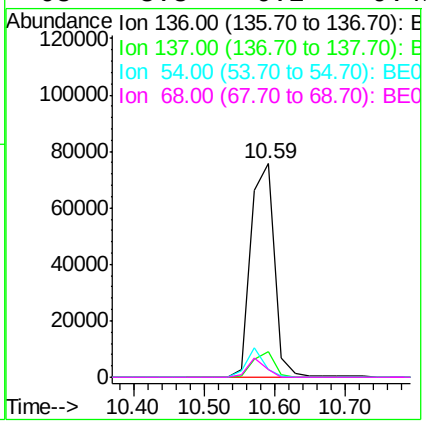


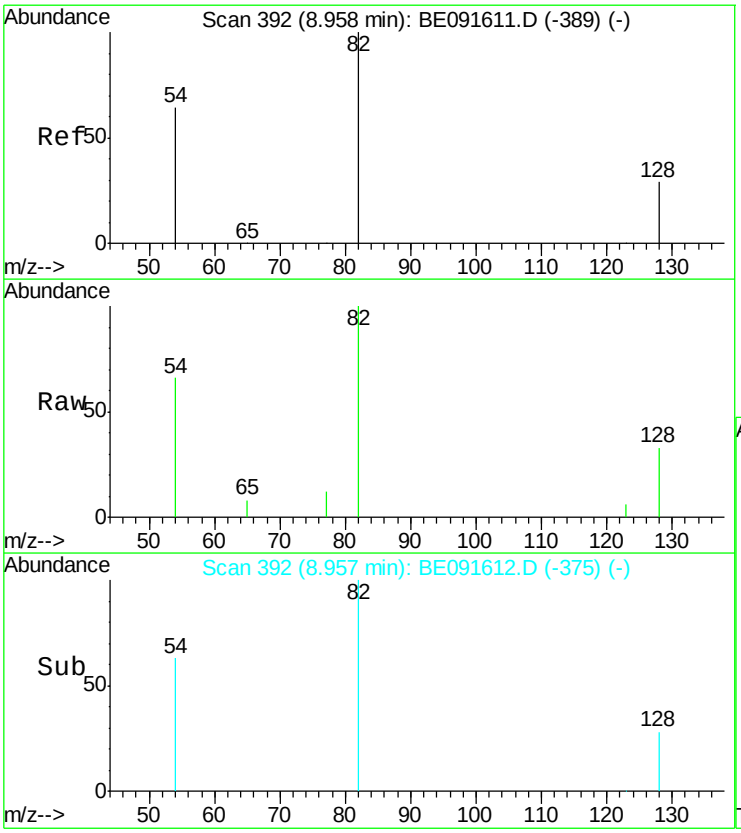
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.59 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 177312

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	3.9	8.2	12.4#
68	3.3	6.2	9.4#

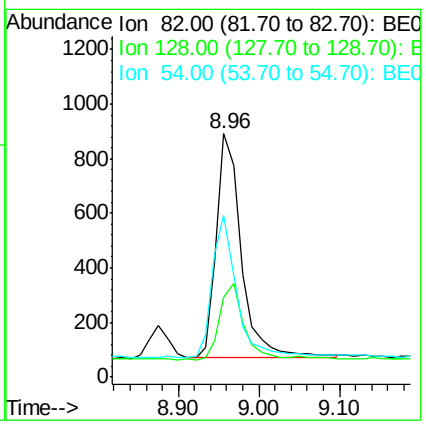


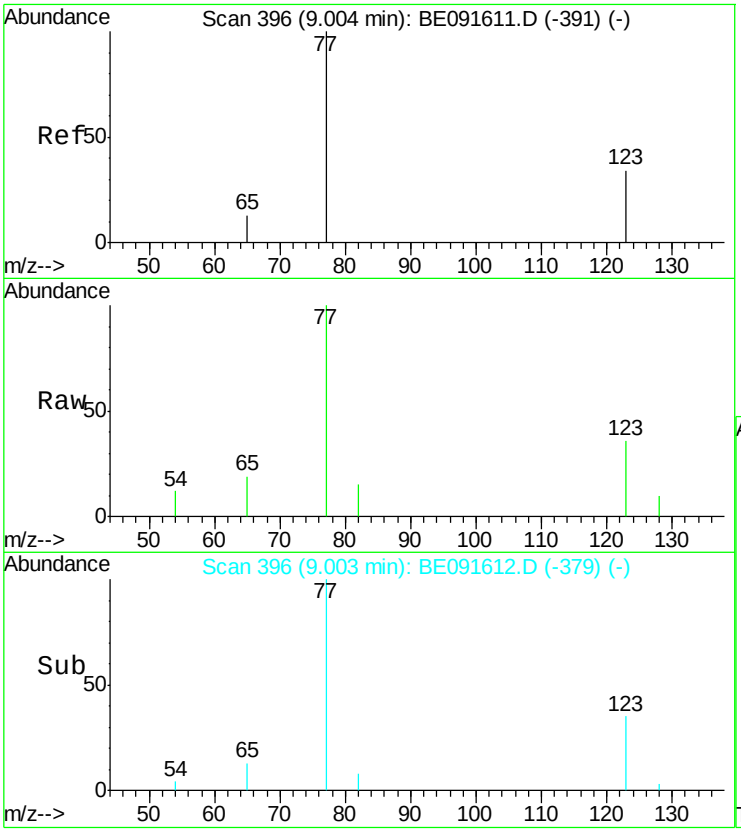


#8
Nitrobenzene-d5
Concen: 0.19 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion: 82 Resp: 1781

Ion	Ratio	Lower	Upper
82	100		
128	33.0	25.4	38.0
54	66.4	48.4	72.6



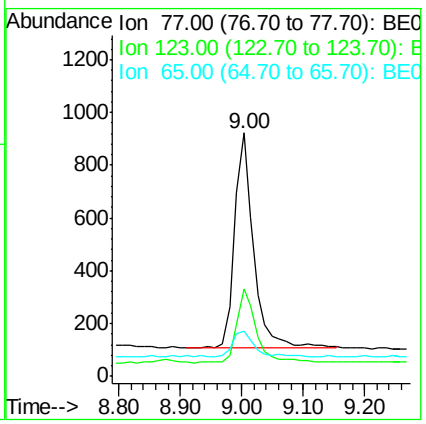


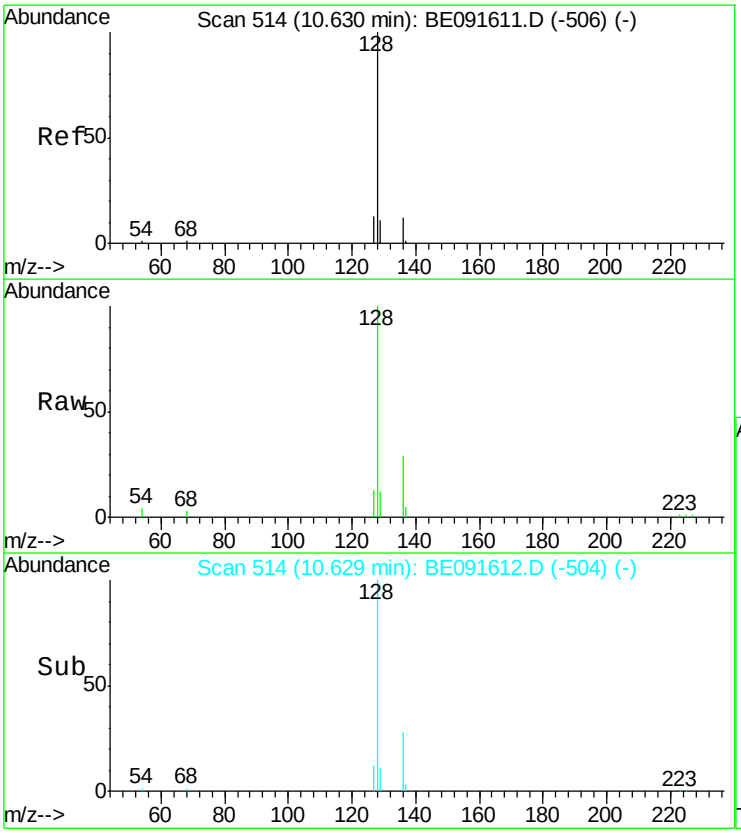
#9
Nitrobenzene
Concen: 0.17 ng
RT: 9.00 min Scan# 396
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 77 Resp: 1761

Ion	Ratio	Lower	Upper
77	100		
123	35.3	26.9	40.3
65	14.0	9.4	14.2

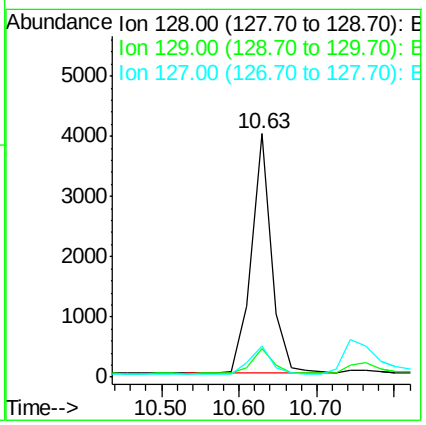


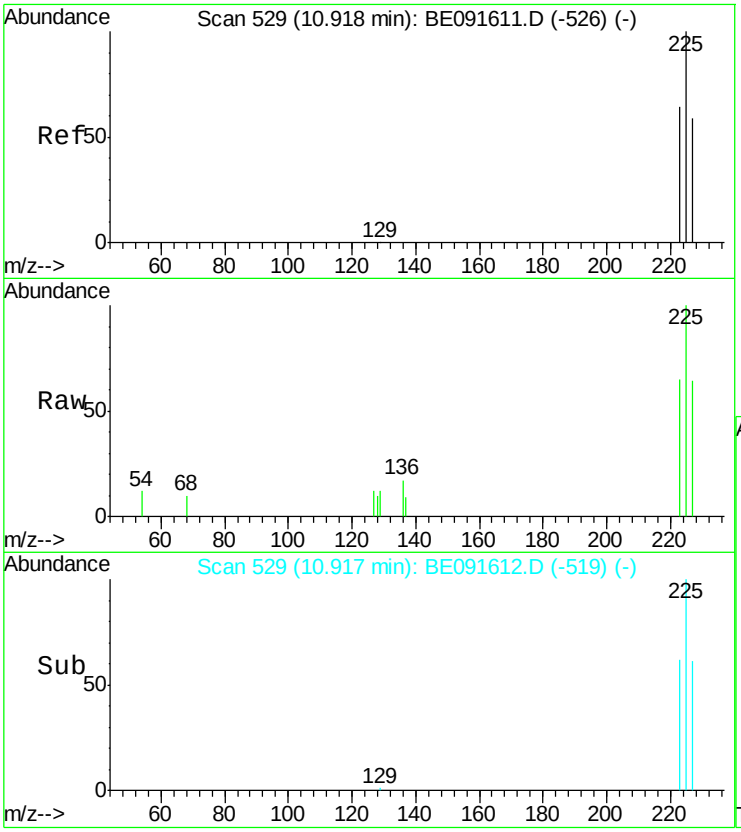


#10
Naphthalene
Concen: 0.19 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:128 Resp: 7250

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	13.0	10.7	16.1



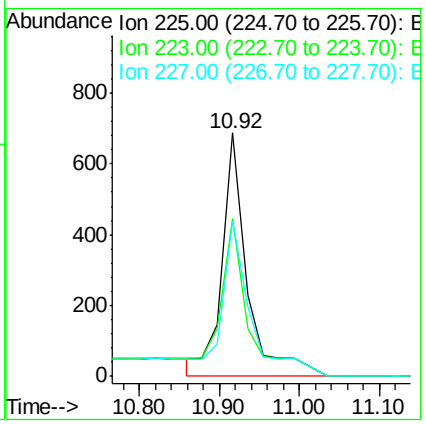


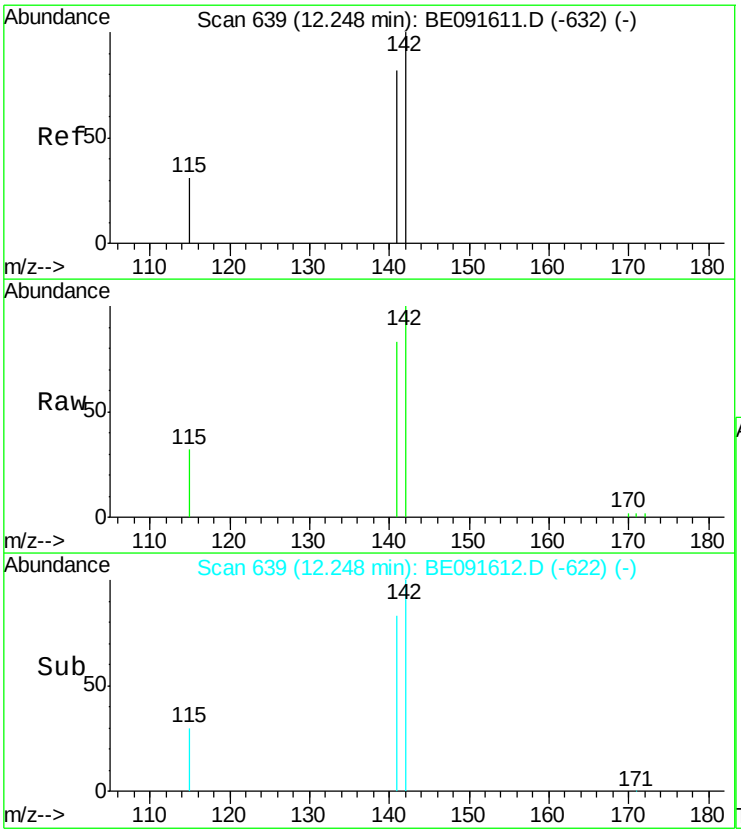
#11
Hexachlorobutadiene
Concen: 0.25 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 1580

Ion	Ratio	Lower	Upper
225	100		
223	76.1	49.0	73.6#
227	72.8	50.3	75.5

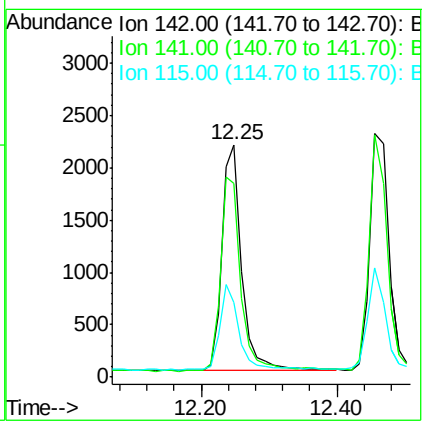


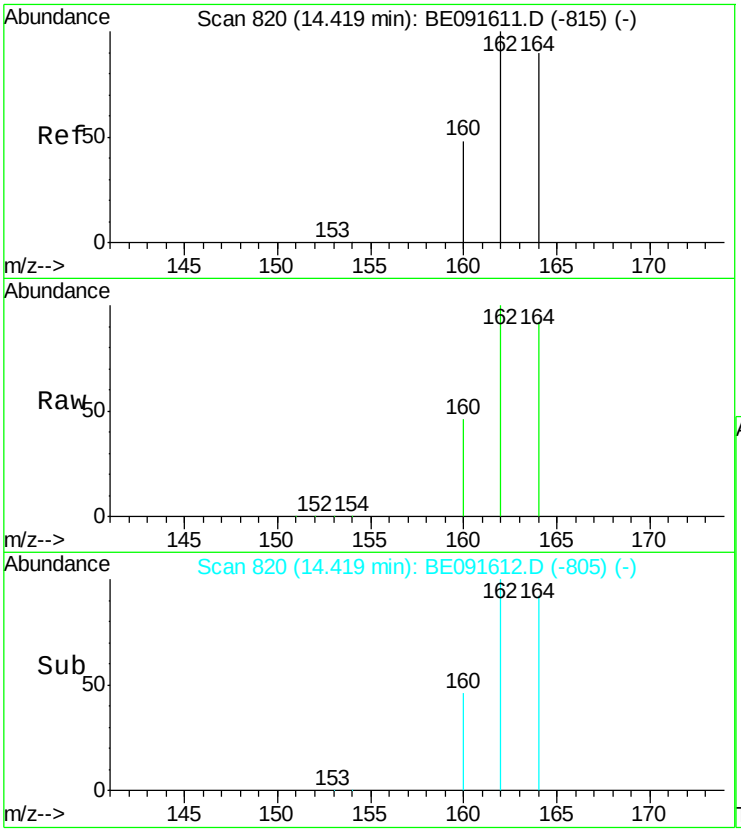


#12
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:142 Resp: 4426

Ion	Ratio	Lower	Upper
142	100		
141	83.1	71.4	107.0
115	32.1	30.3	45.5



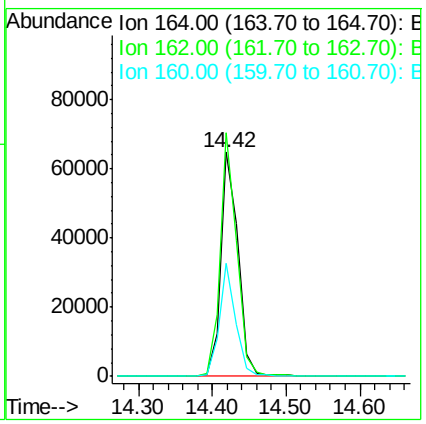


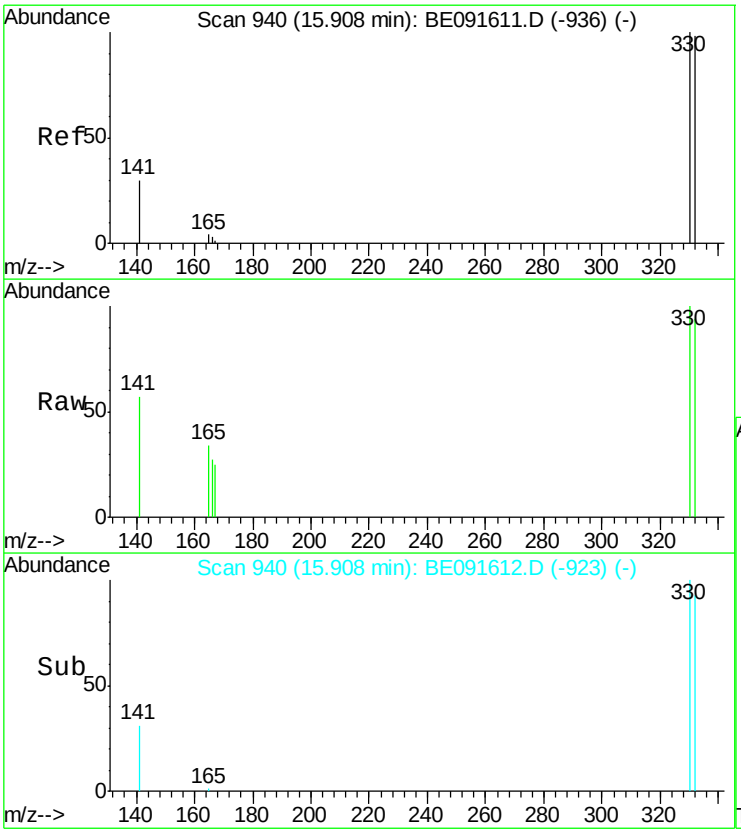
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 105881

Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.3	127.9
160	50.2	46.2	69.2

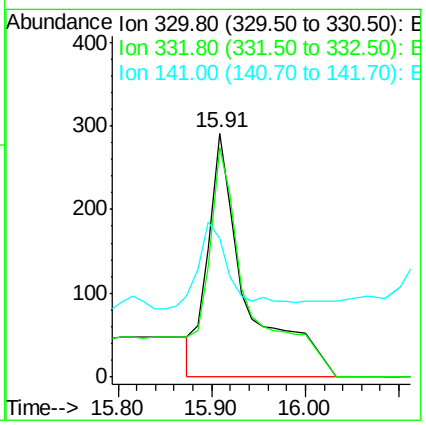


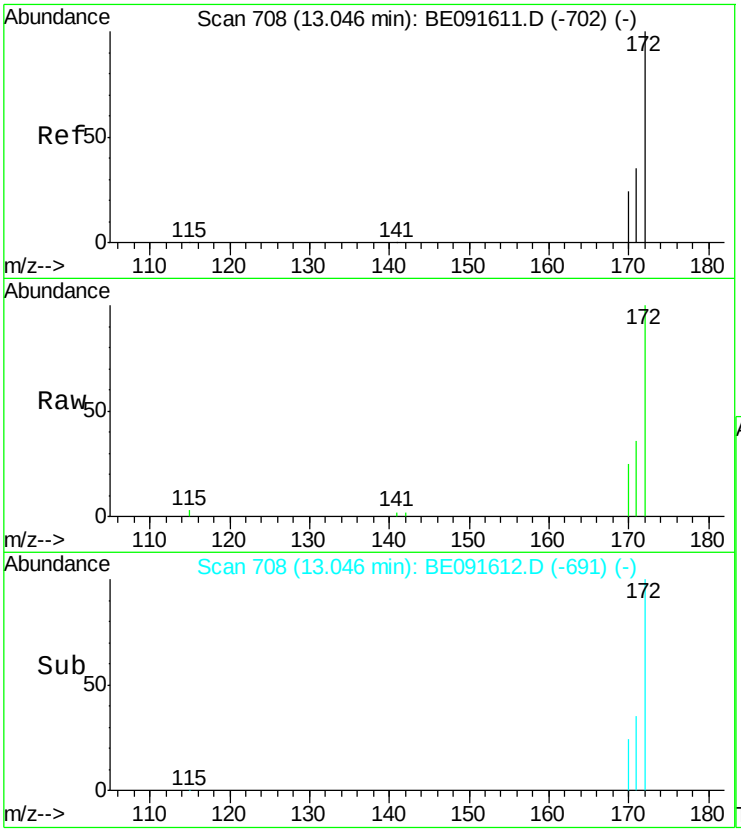


#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:330 Resp: 920

Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	27.0	125.4	188.0#



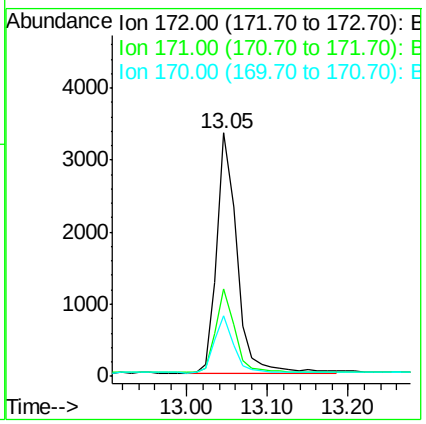


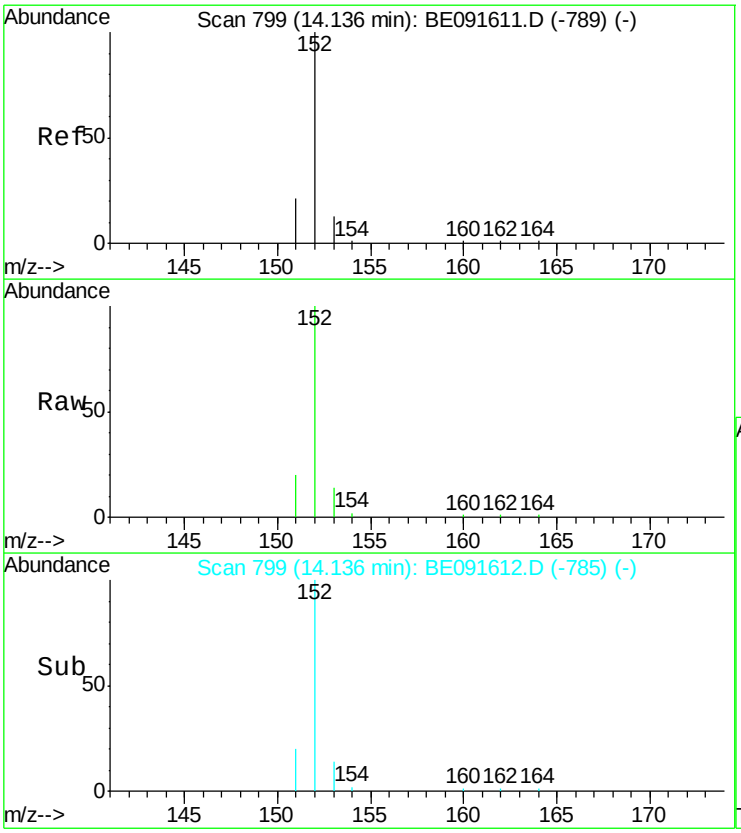
#15
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 5757

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	24.7	19.3	28.9

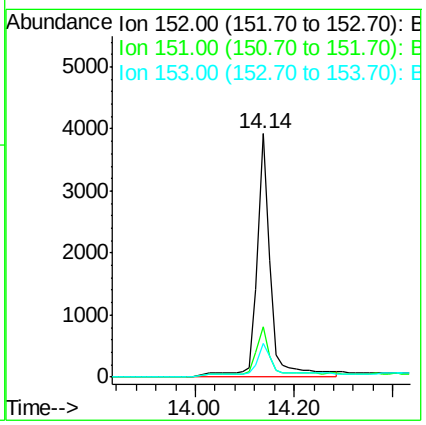


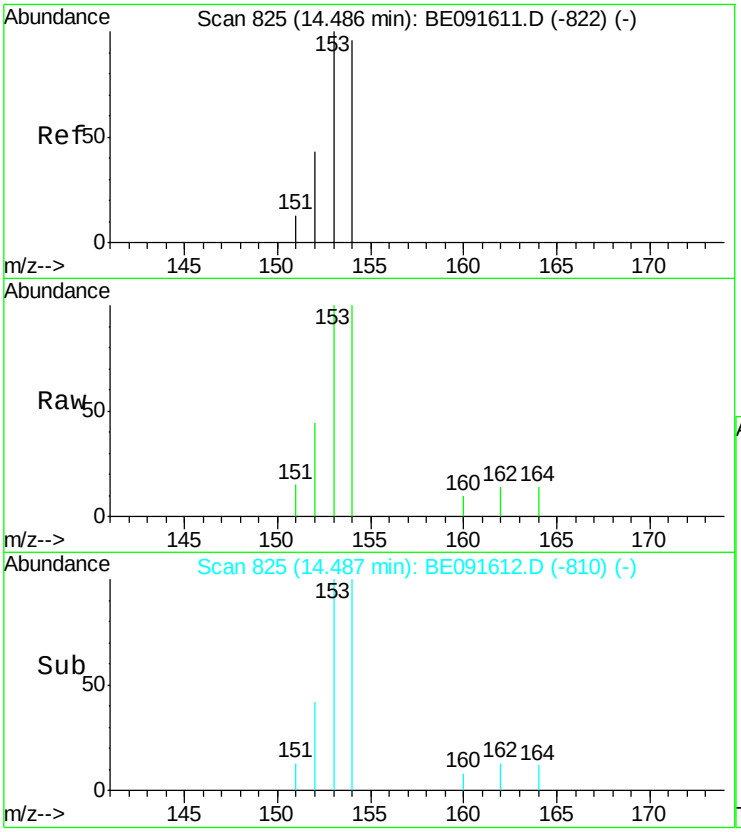


#16
Acenaphthylene
Concen: 0.04 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:152 Resp: 7886

Ion	Ratio	Lower	Upper
152	100		
151	28.1	3.9	5.9#
153	21.8	10.3	15.5#



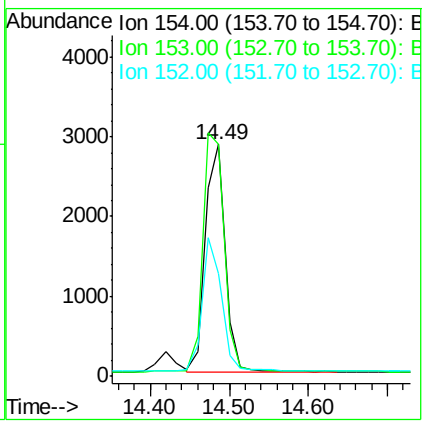


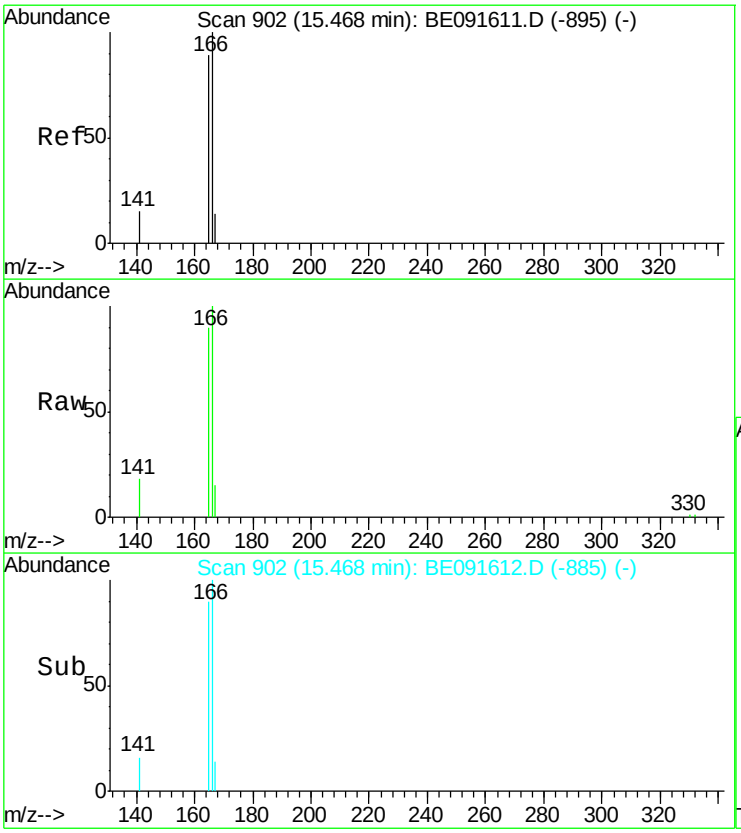
#17
Acenaphthene
Concen: 0.18 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4969

Ion	Ratio	Lower	Upper
154	100		
153	115.2	80.0	120.0
152	57.5	40.0	60.0

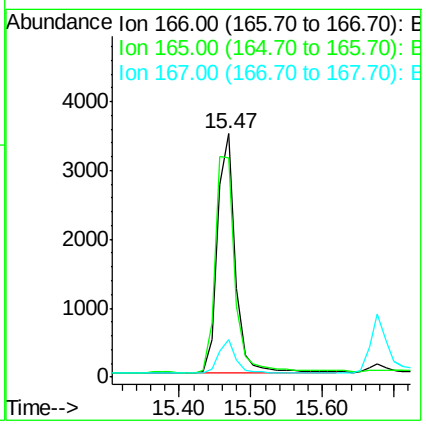


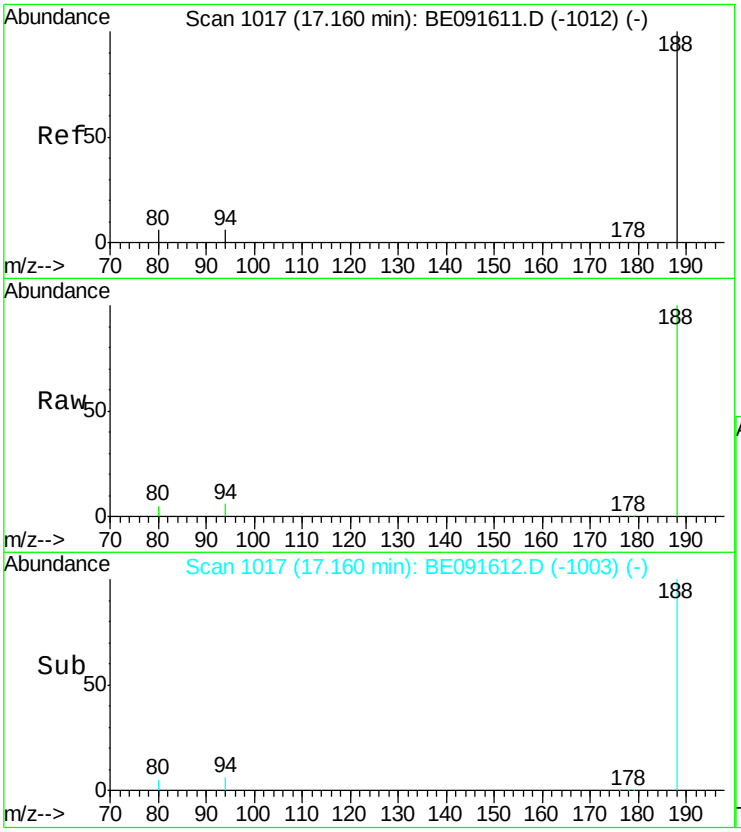


#18
Fluorene
Concen: 0.17 ng
RT: 15.47 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:166 Resp: 6056

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.8	121.2
167	13.6	10.9	16.3



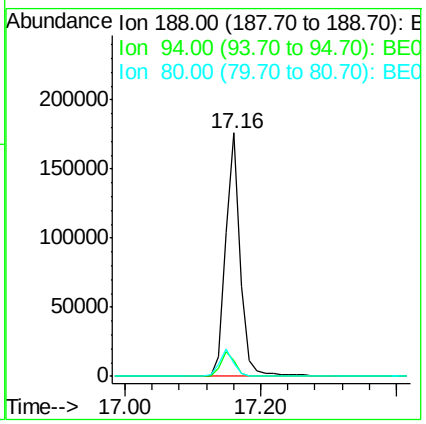


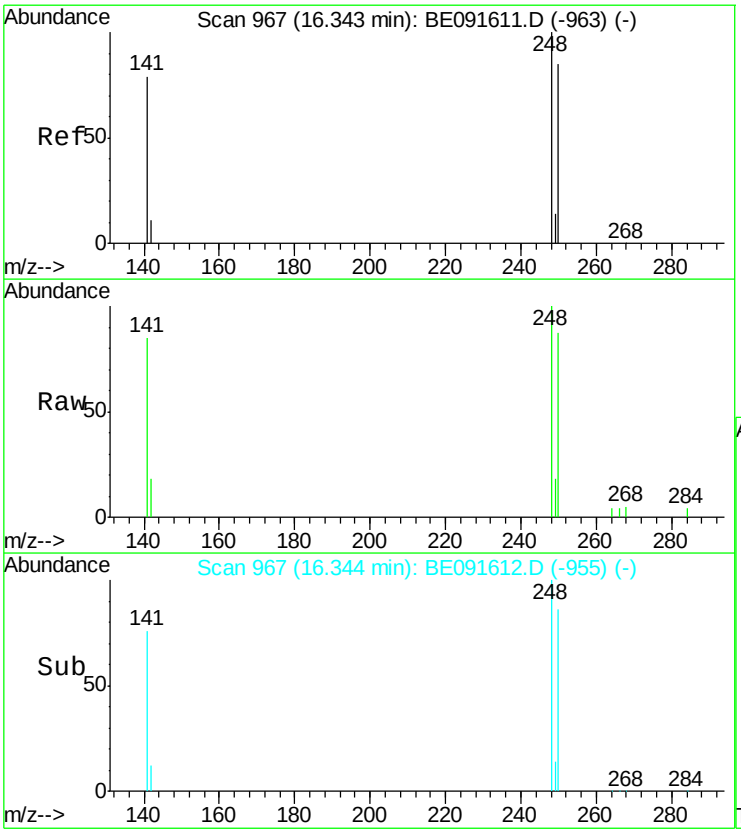
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 267512

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	5.5	9.4	14.0#

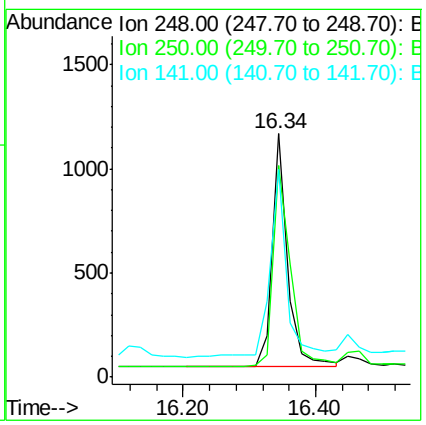


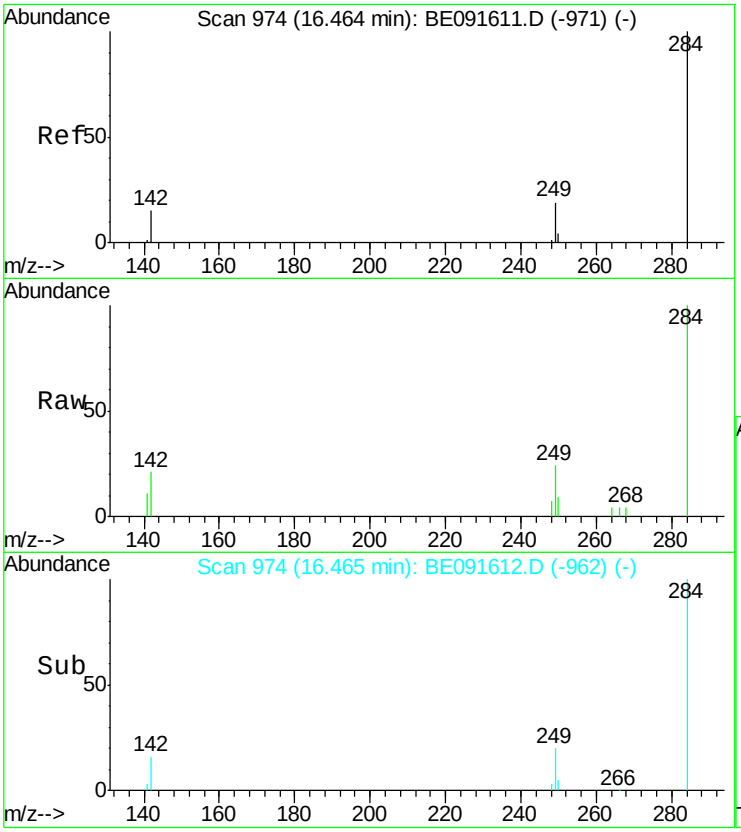


#20
4-Bromophenyl-phenylether
Concen: 0.18 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:248 Resp: 1808

Ion	Ratio	Lower	Upper
248	100		
250	95.1	80.5	120.7
141	86.3	72.0	108.0



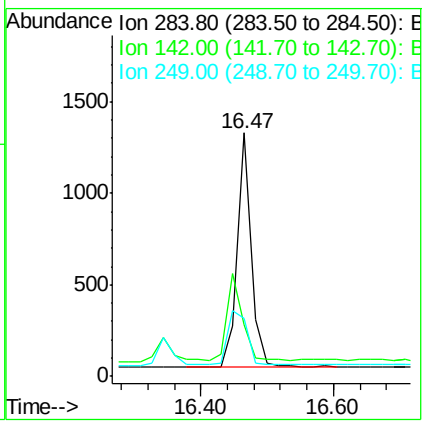


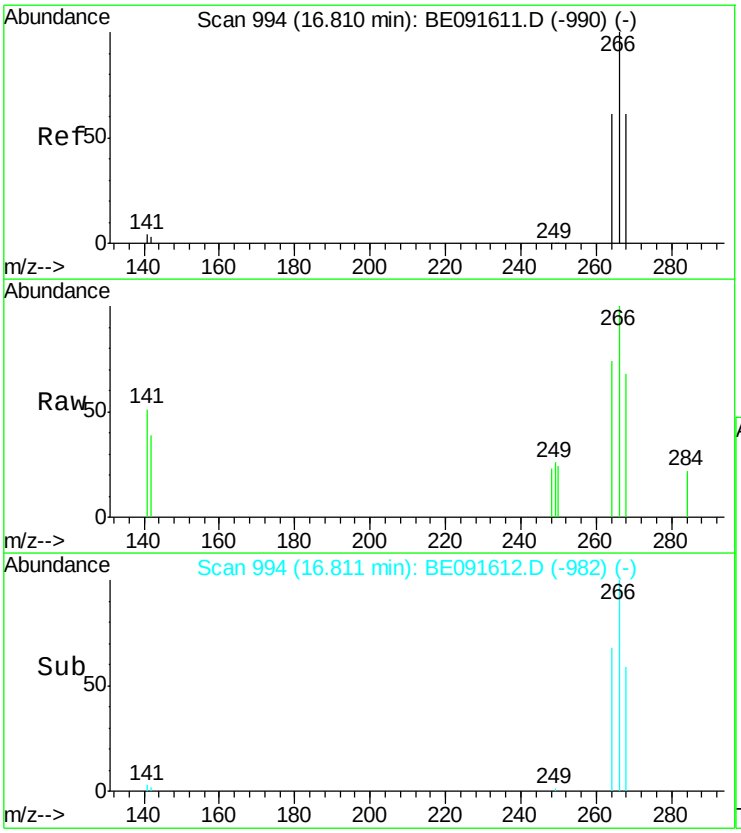
#21
Hexachlorobenzene
Concen: 0.04 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 1883

Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.2	48.2
249	32.3	25.4	38.2

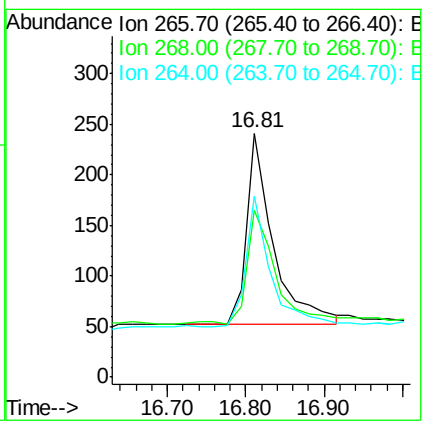


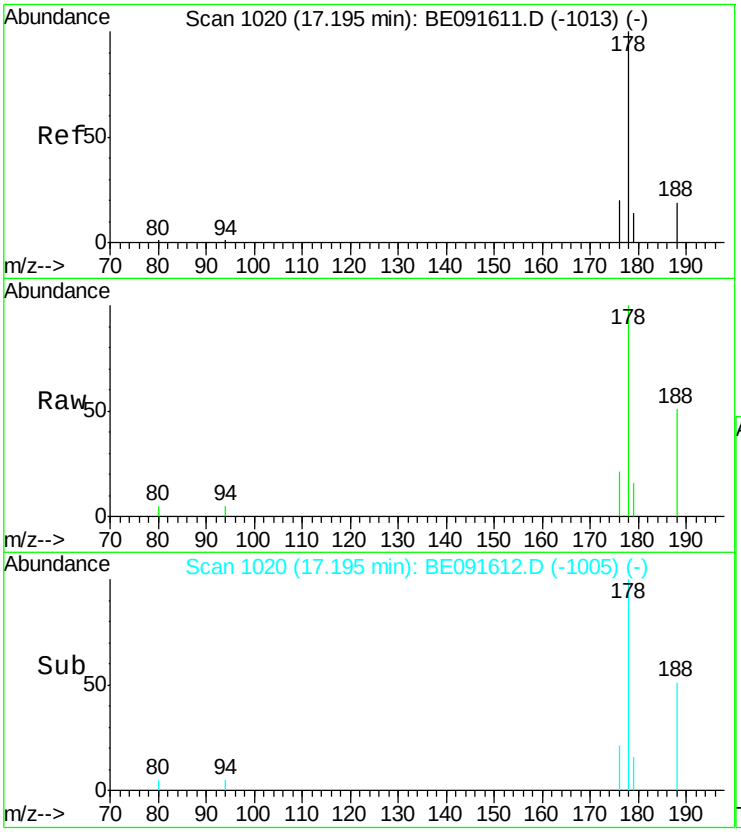


#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:266 Resp: 451

Ion	Ratio	Lower	Upper
266	100		
268	68.5	58.2	87.2
264	74.3	56.2	84.4



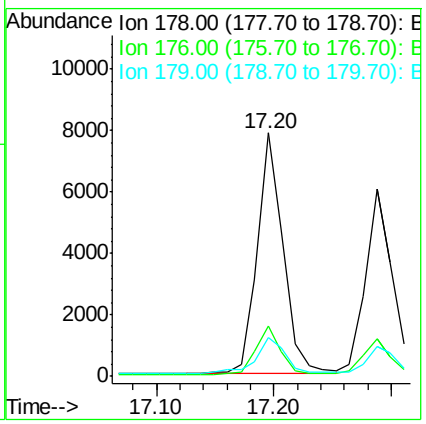


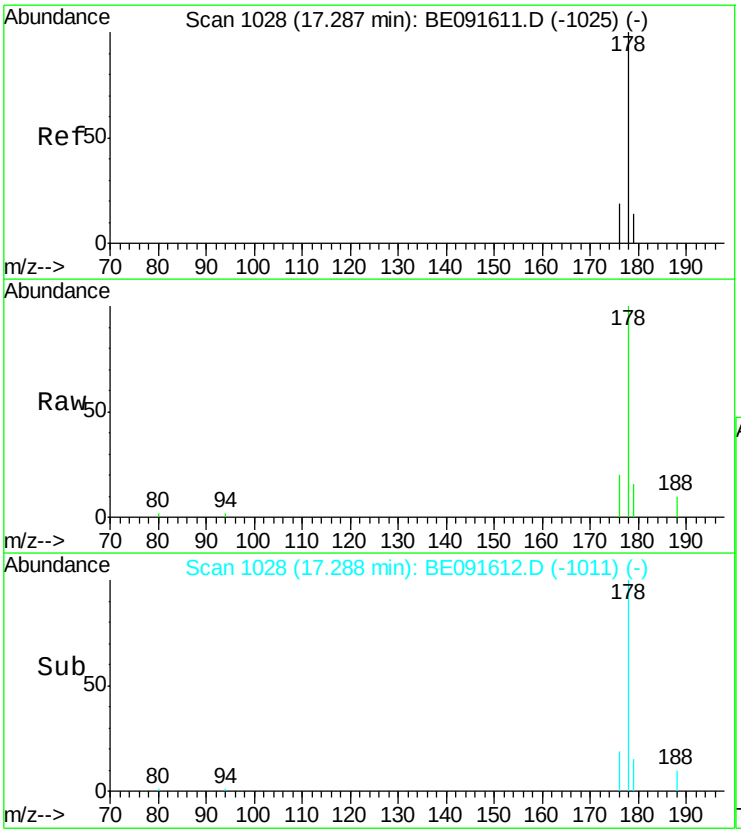
#23
Phenanthrene
Concen: 0.18 ng
RT: 17.20 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12135

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	17.1	12.6	18.8

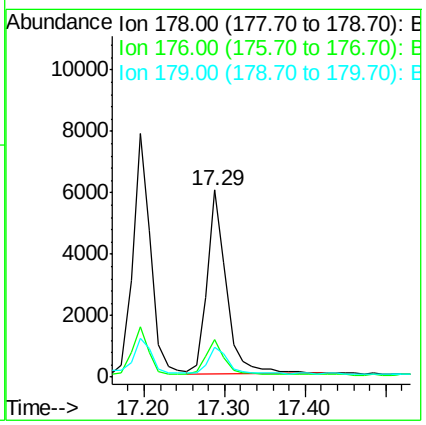


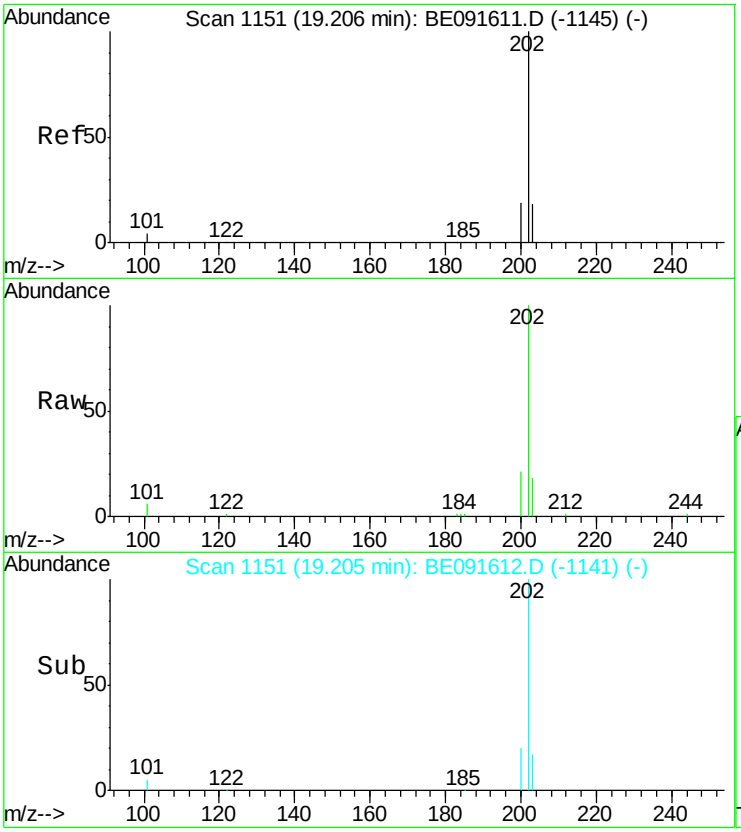


#24
Anthracene
Concen: 0.17 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:178 Resp: 10028

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	14.9	11.8	17.6



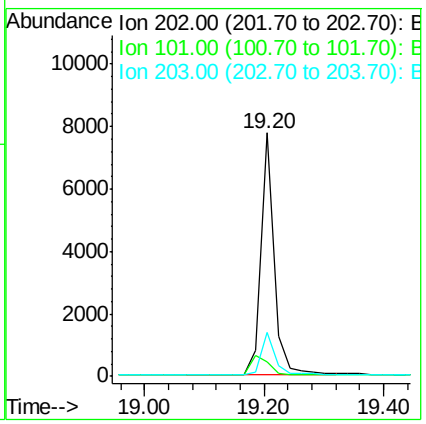


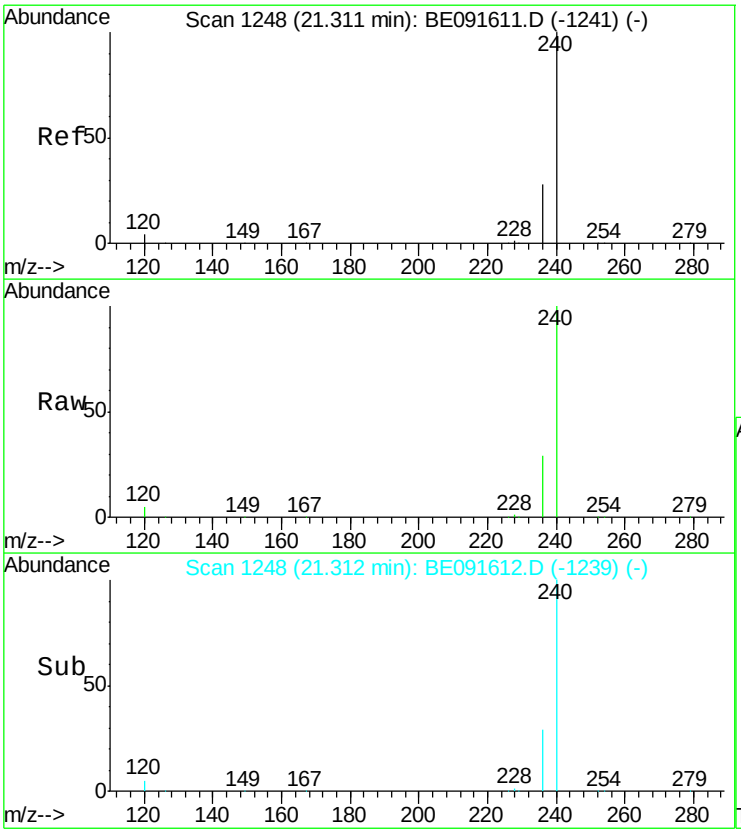
#25
Fluoranthene
Concen: 0.15 ng
RT: 19.20 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 11794

Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.0	16.6#
203	17.9	13.9	20.9

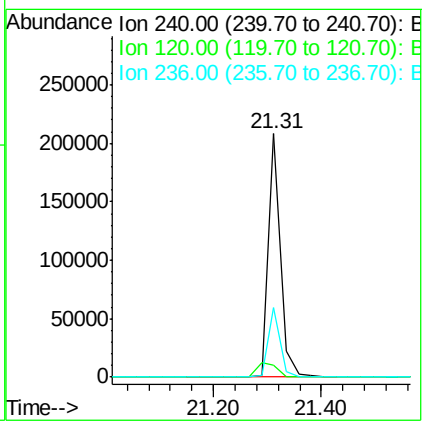


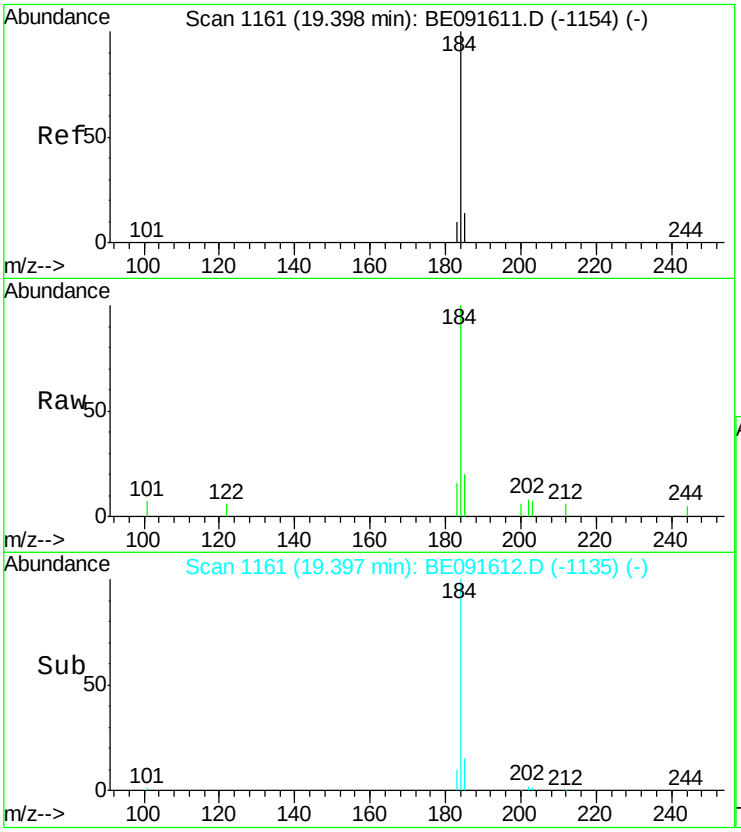


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:240 Resp: 328396

Ion	Ratio	Lower	Upper
240	100		
120	4.7	11.0	16.4#
236	28.8	21.7	32.5



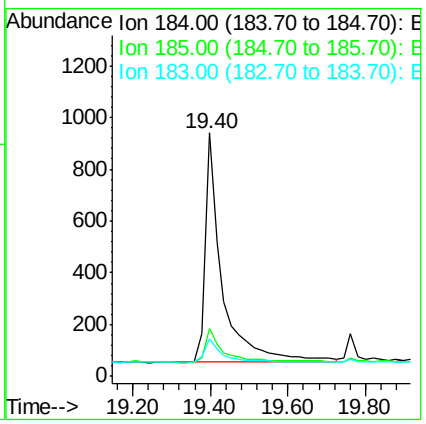


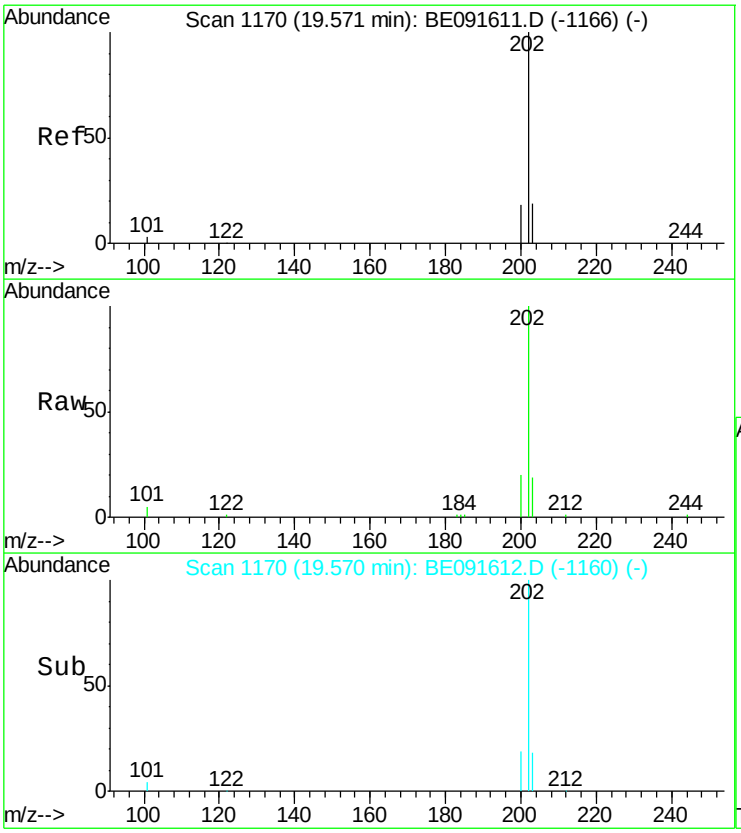
#27
Benzidine
Concen: 0.46 ng
RT: 19.40 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:184 Resp: 2709

Ion	Ratio	Lower	Upper
184	100		
185	19.8	22.3	33.5#
183	15.6	16.4	24.6#

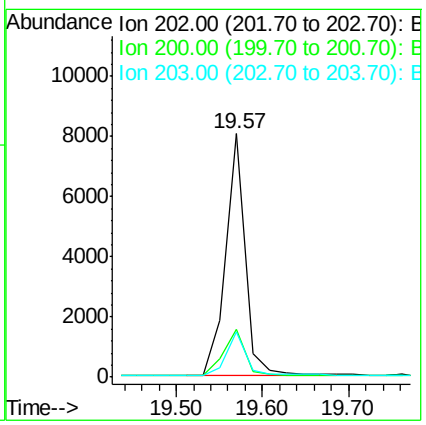


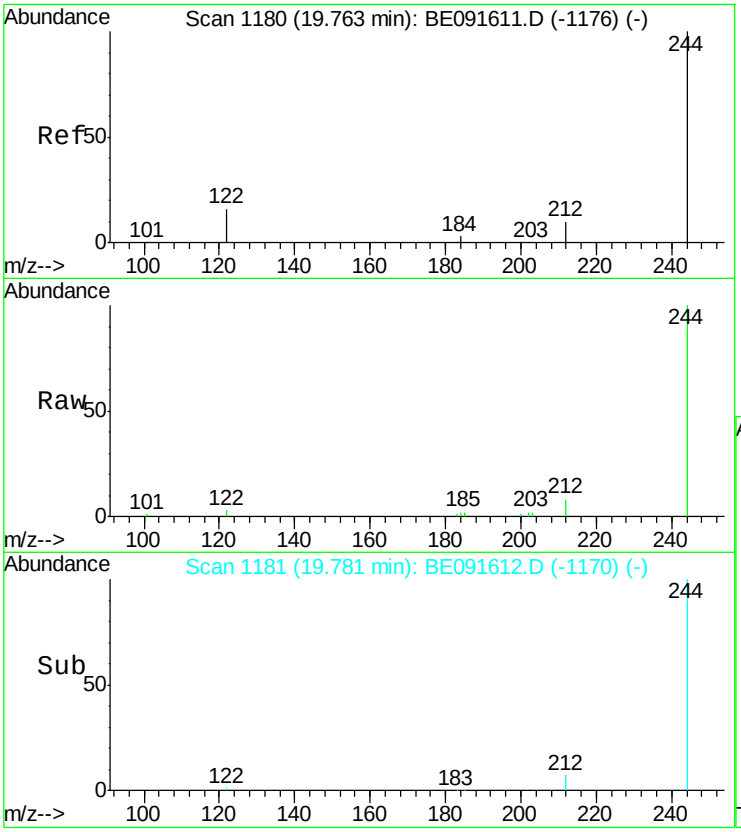


#28
Pyrene
Concen: 0.15 ng
RT: 19.57 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:202 Resp: 12608

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	17.5	14.0	21.0



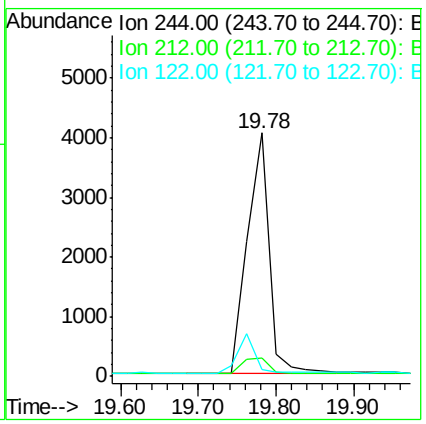


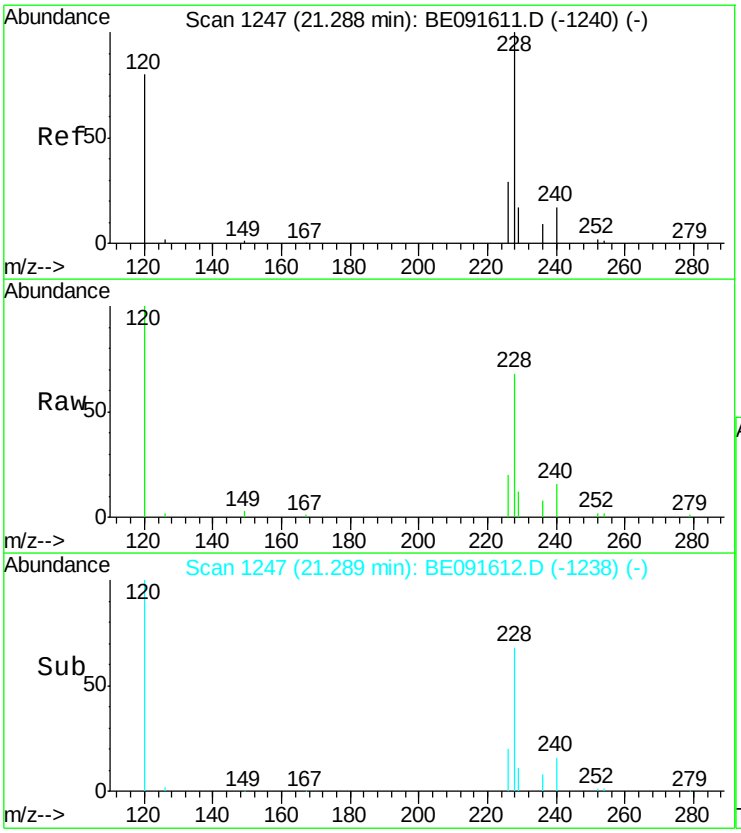
#29
Terphenyl-d14
Concen: 0.19 ng
RT: 19.78 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 7873

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	2.9	11.0	16.4#

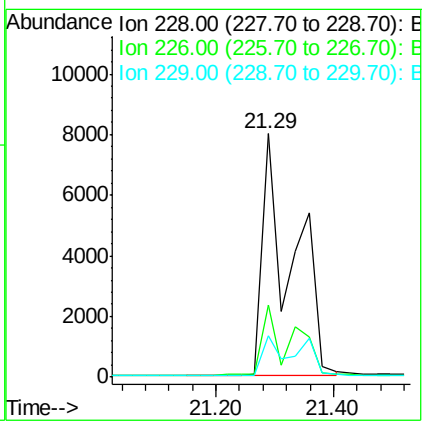


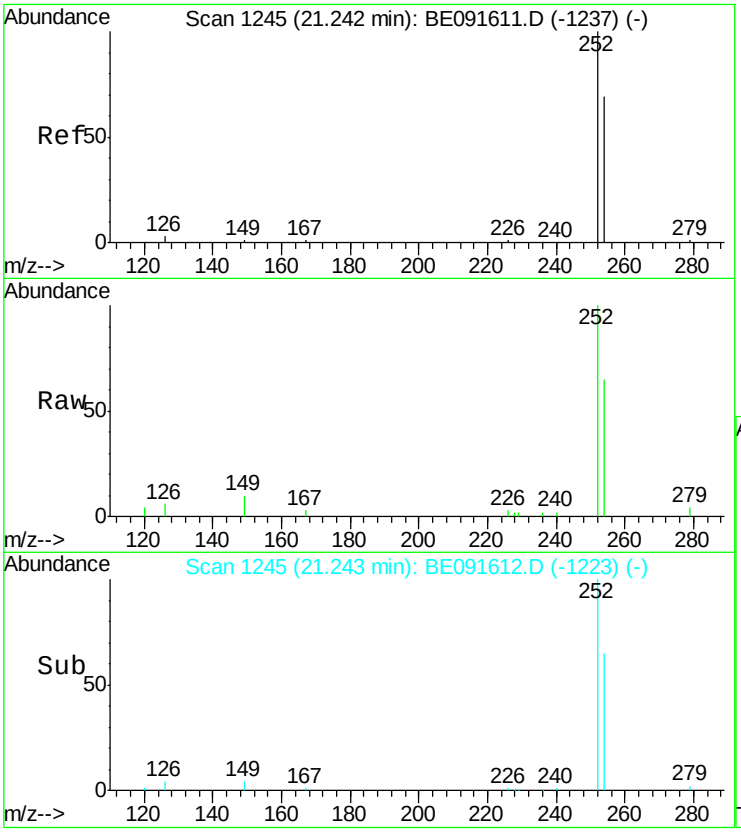


#30
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:228 Resp: 27689

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.0	31.4
229	17.2	15.7	23.5



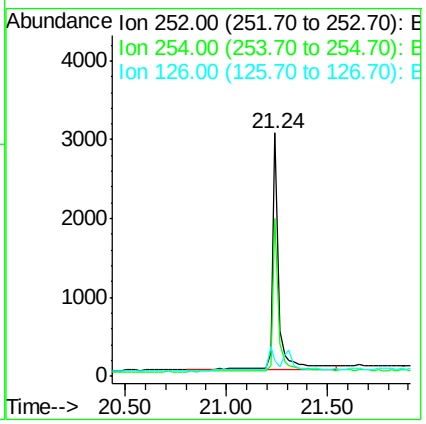


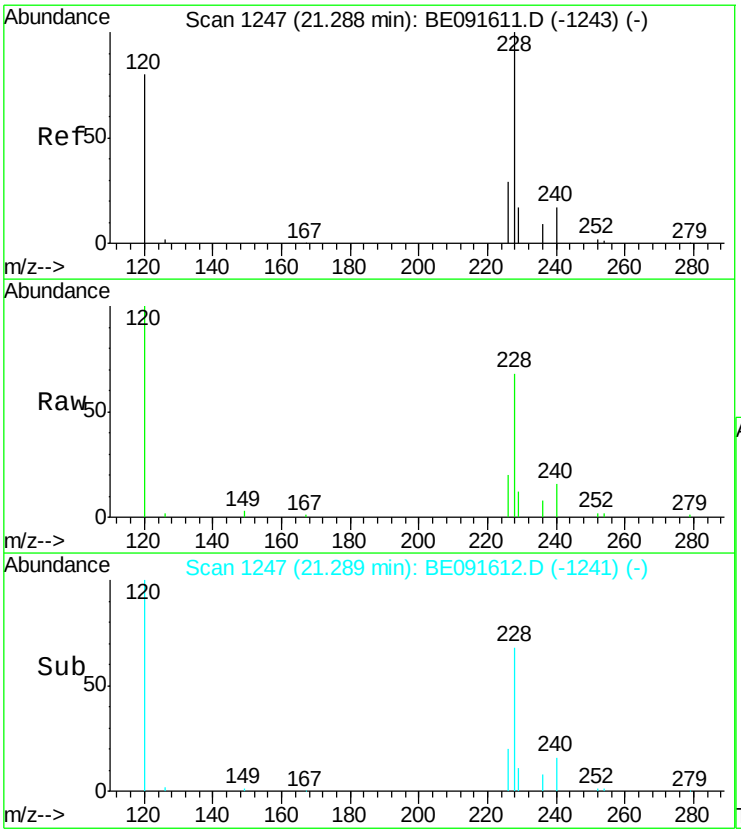
#31
3,3'-Dichlorobenzidine
Concen: 0.50 ng
RT: 21.24 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6585

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.1	76.7
126	6.2	12.6	18.8#

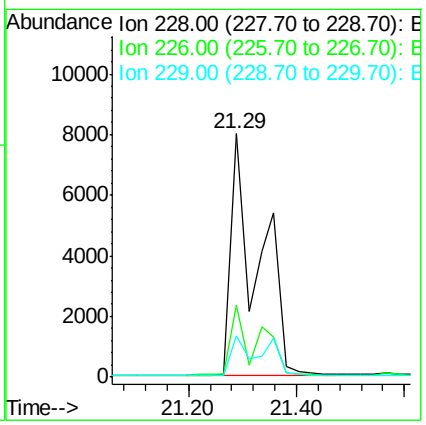


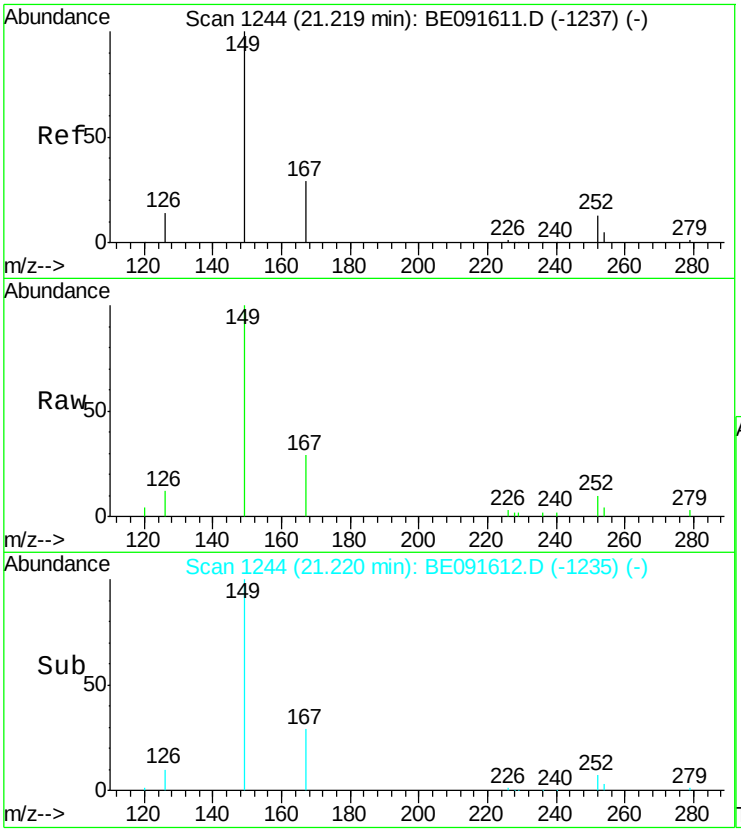


#32
Chrysene
Concen: 0.28 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:228 Resp: 27918

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	17.2	15.9	23.9



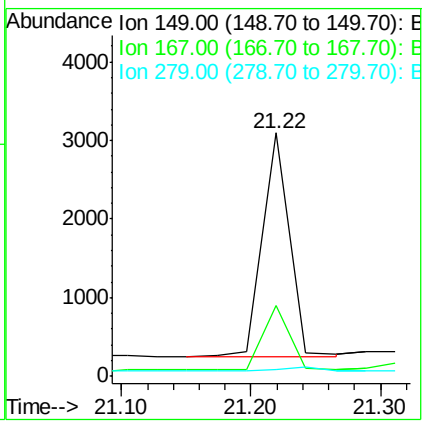


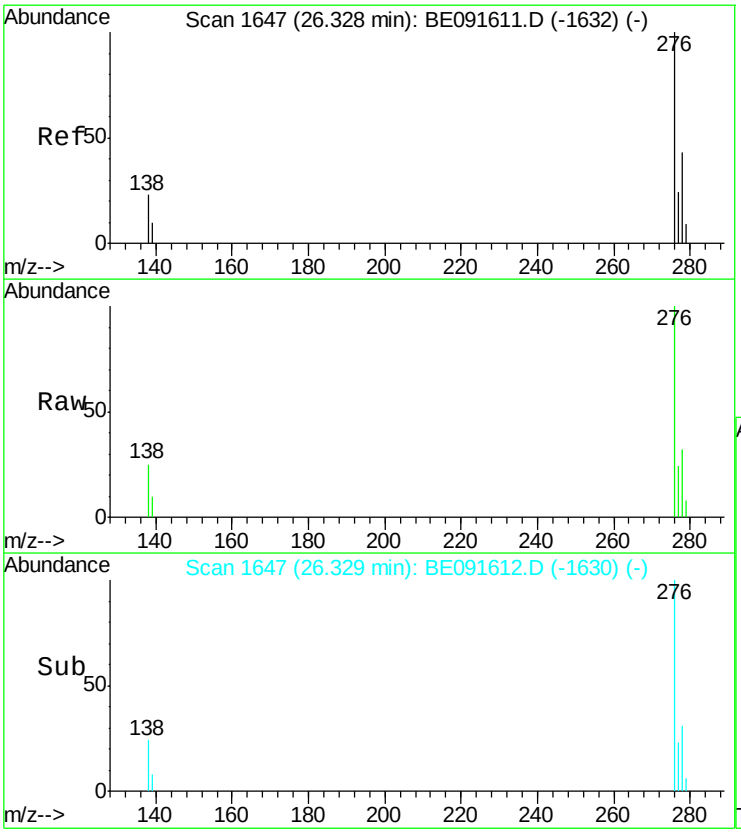
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 4167

Ion	Ratio	Lower	Upper
149	100		
167	29.0	19.5	29.3
279	0.0	10.0	15.0#

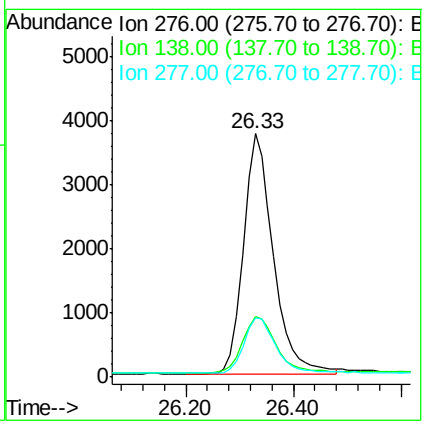


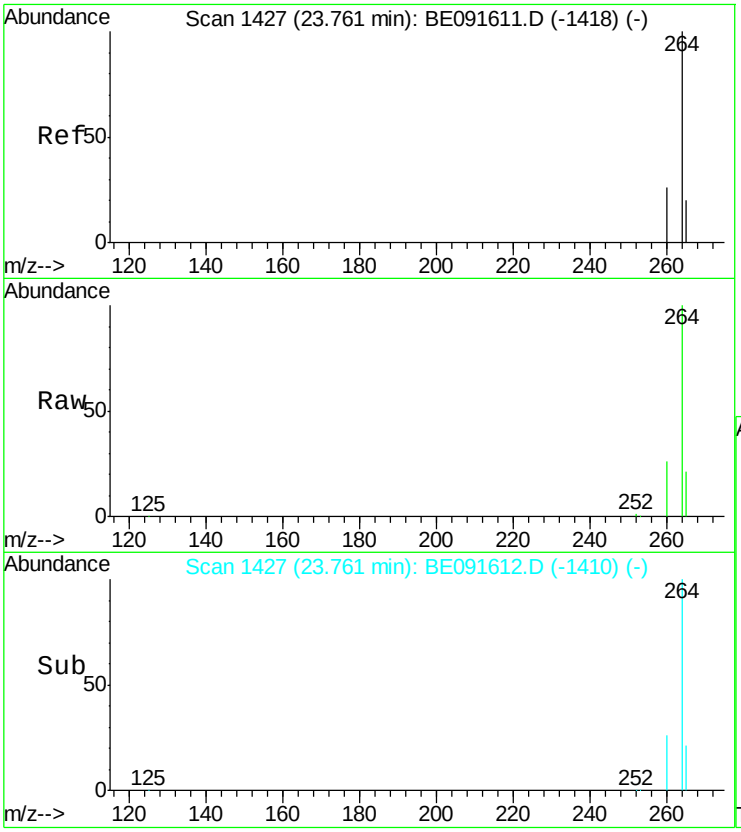


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 26.33 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:276 Resp: 14453

Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.2
277	24.5	19.8	29.8



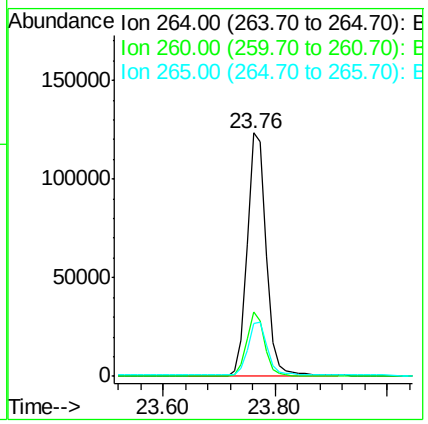


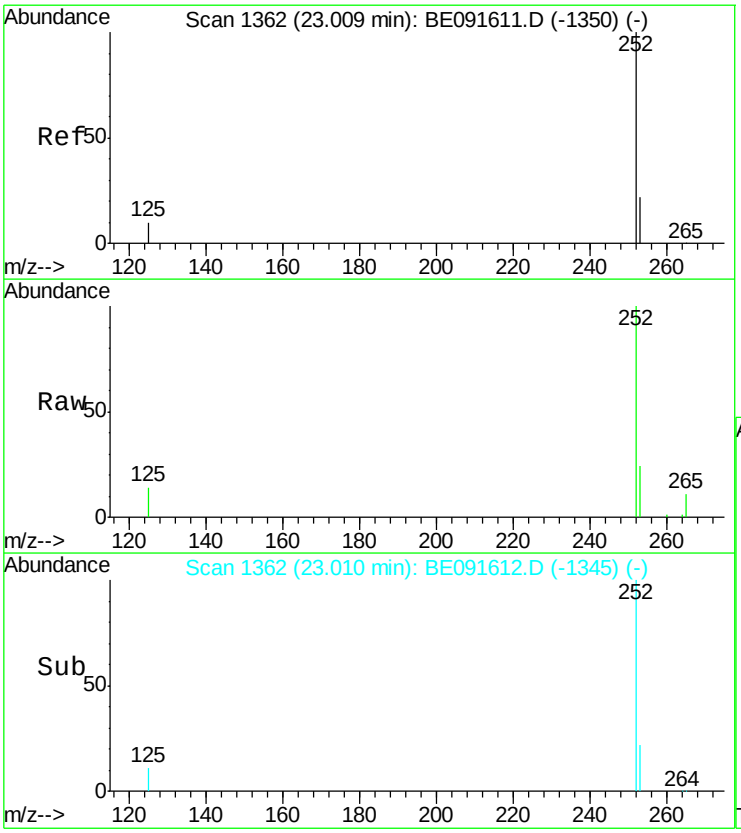
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 294484

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.0	30.0
265	21.5	17.5	26.3

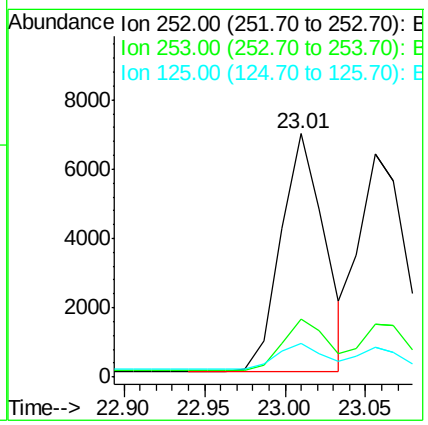


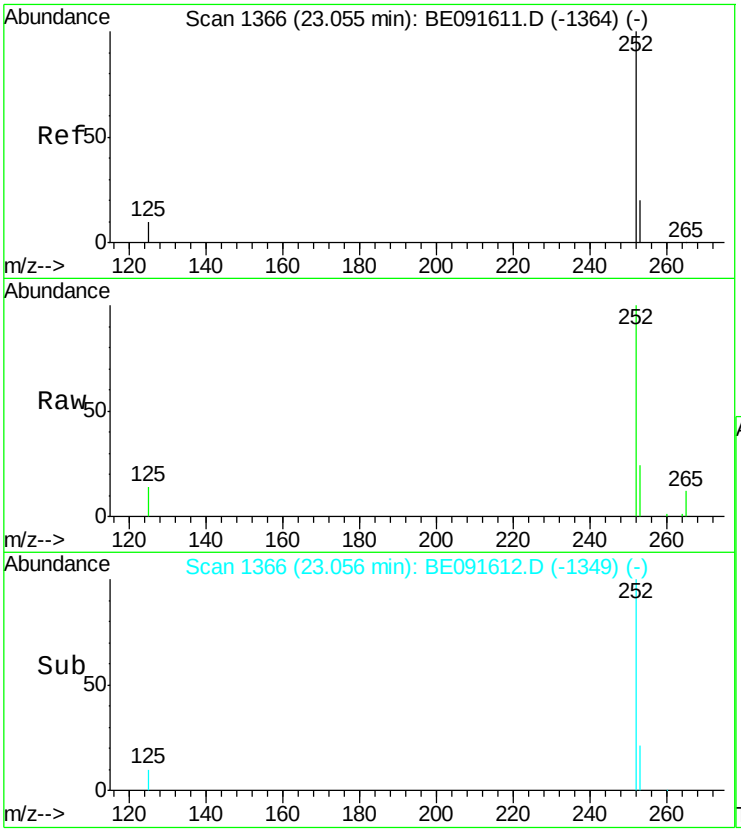


#36
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 23.01 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:252 Resp: 13048

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	14.0	10.2	15.2



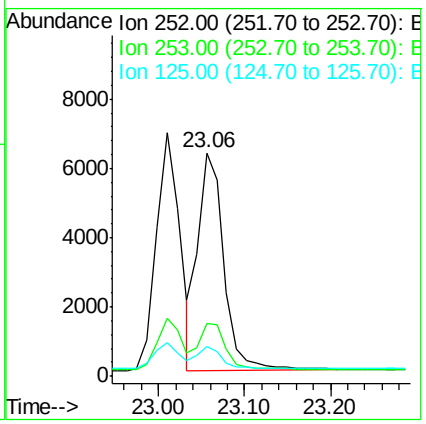


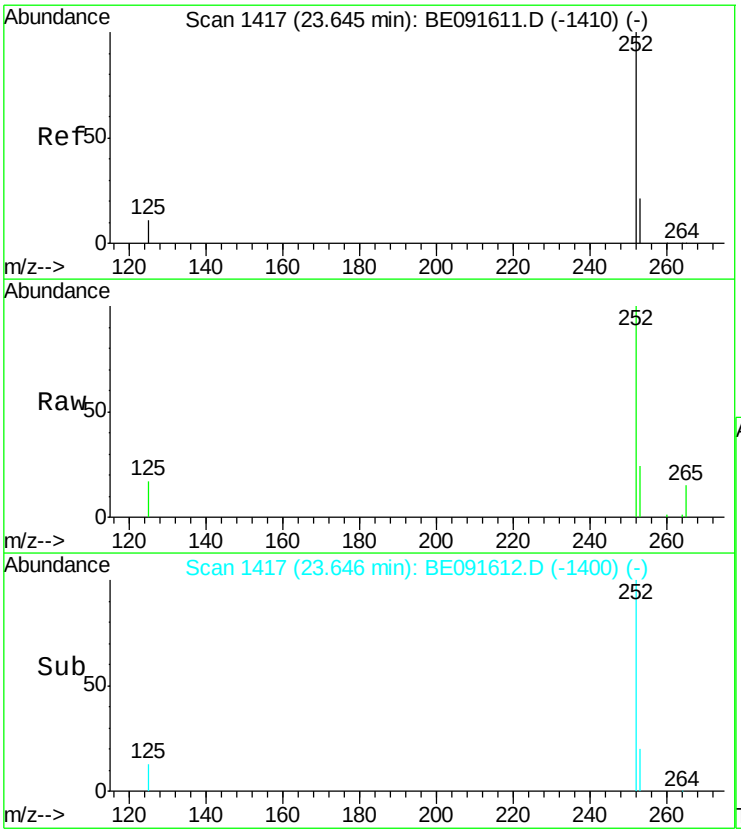
#37
Benzo(k)fluoranthene
Concen: 0.15 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 13089

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	13.6	9.9	14.9

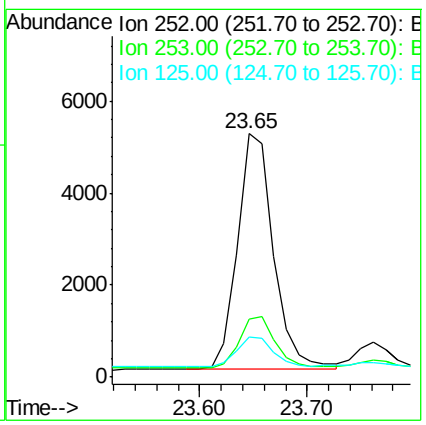


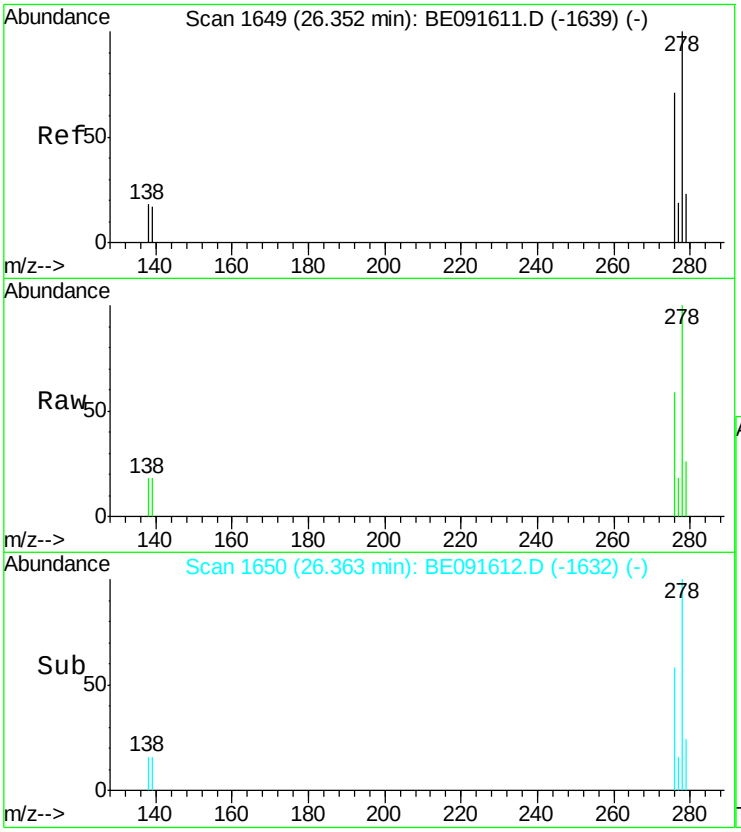


#38
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:252 Resp: 11992

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	16.7	11.0	16.4#



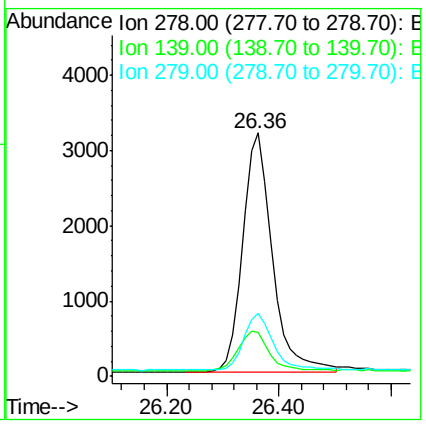


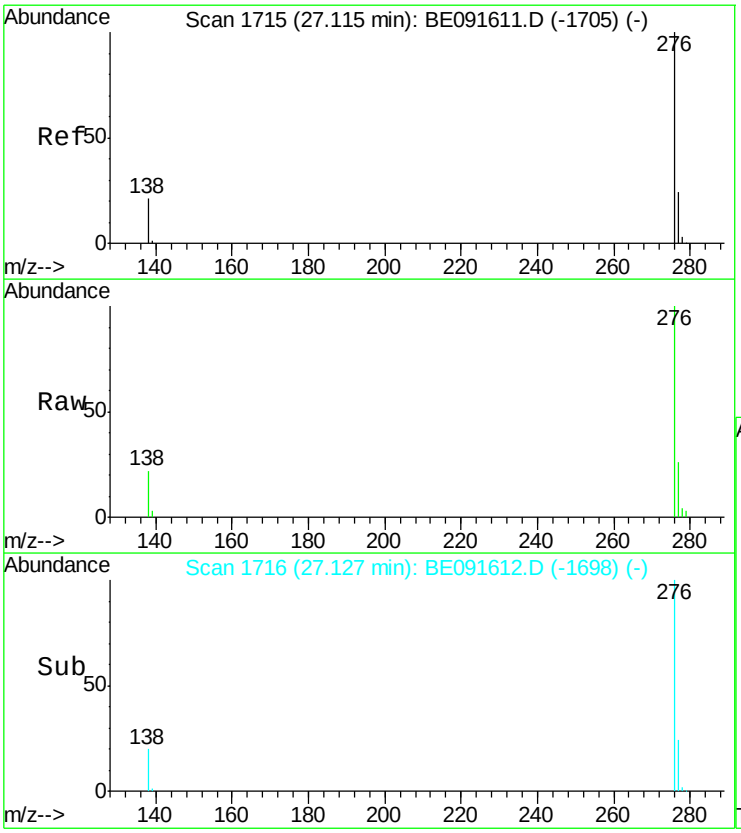
#39
Dibenzo(a,h)anthracene
Concen: 0.20 ng
RT: 26.36 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 11802

Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.0	24.0
279	25.7	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 27.13 min Scan# 1716
Delta R.T. 0.01 min
Lab File: BE091612.D
Acq: 8 Apr 2016 15:13

Tgt Ion:276 Resp: 12381

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	22.1	20.4	30.6