Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
Data File : BE091642.D
Acq On : 11 Apr 2016 23:37
Operator : UM/SJ
Sample : H2090-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : KY038PS027-160330

Quant Time: Apr 12 01:50:29 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 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	196038	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	997052	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	614477	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	1540667	5.00	ng		0.00
26) Chrysene-d12	21.31	240	1666874	5.00	ng		0.00
35) Perylene-d12	23.76	264	1564470	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	102720	2.20	ng		0.00
5) Phenol-d6	6.97	99	101369	1.63	ng		0.00
8) Nitrobenzene-d5	8.96	82	242954	4.19	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	195134	8.66	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	642204	3.76	ng		0.00
29) Terphenyl-d14	19.76	244	1119531	5.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	1855	Below Cal		#	61
3) n-Nitrosodimethylamine	3.57	42	1716	0.06	ng	#	1
9) Nitrobenzene	8.96	77	757	0.18	ng	#	41
22) Pentachlorophenol	16.79	266	492	0.24	ng		90
23) Phenanthrene	17.29	178	7517	0.02	ng		97
24) Anthracene	17.29	178	8152	0.03	ng		99
27) Benzidine	19.76	184	20657	0.45	ng		91
30) Benzo(a)anthracene	21.29	228	25870	0.07	ng	#	93
31) 3,3'-Dichlorobenzidine	21.17	252	629	0.17	ng	#	18
32) Chrysene	21.29	228	25986	0.08	ng		96
33) Bis(2-ethylhexyl)phthalate	21.22	149	35928	0.39	ng	#	83
34) Indeno(1,2,3-cd)pyrene	26.32	276	9909	0.03	ng		97
36) Benzo(b)fluoranthene	23.01	252	10102	0.03	ng	#	77
37) Benzo(k)fluoranthene	23.06	252	9635	0.03	ng	#	84
39) Dibenzo(a,h)anthracene	26.34	278	9358	0.03	ng		94
40) Benzo(g,h,i)perylene	27.10	276	8931	0.03	ng		96

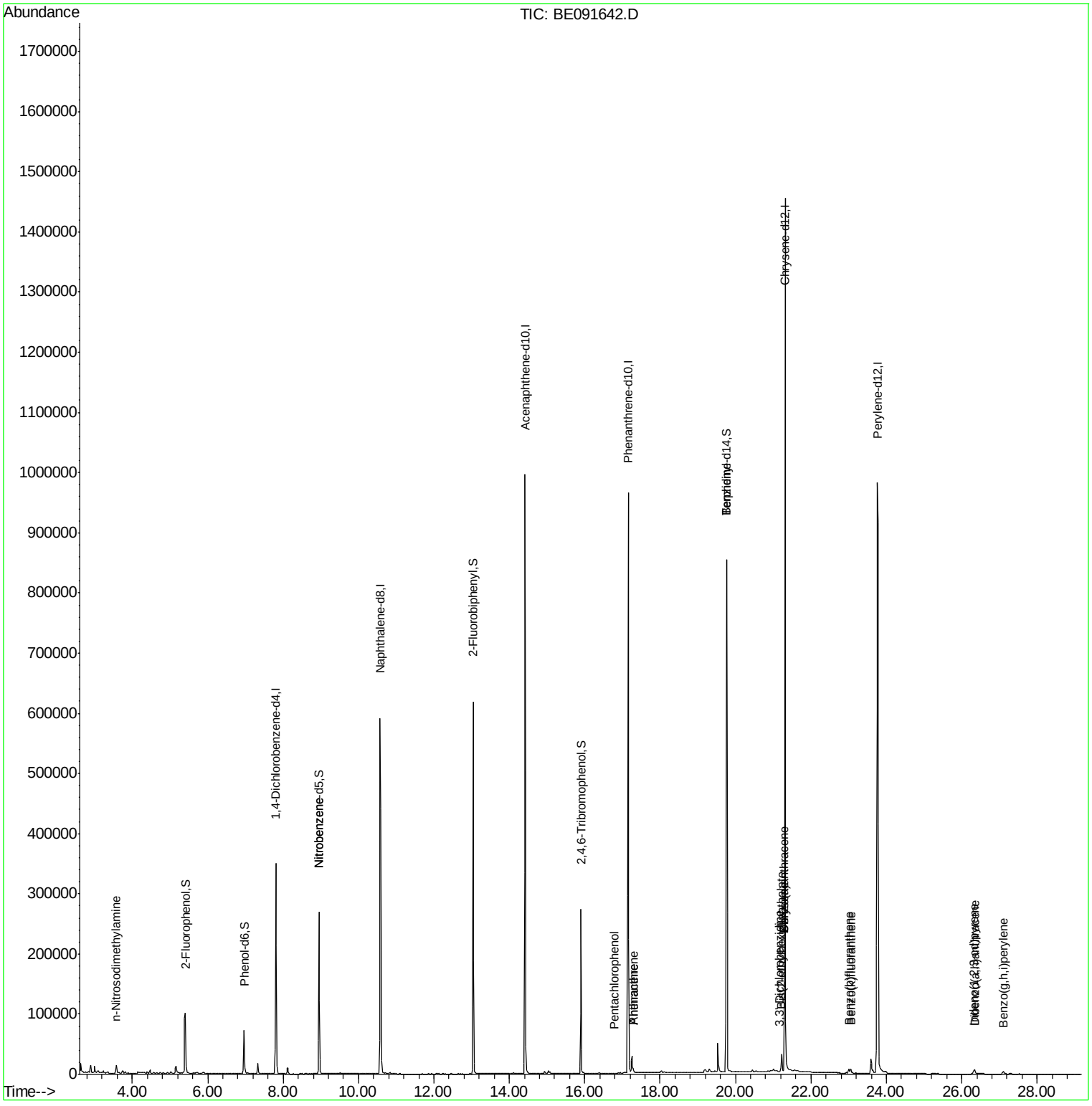
(#) = qualifier out of range (m) = manual integration (+) = signals summed

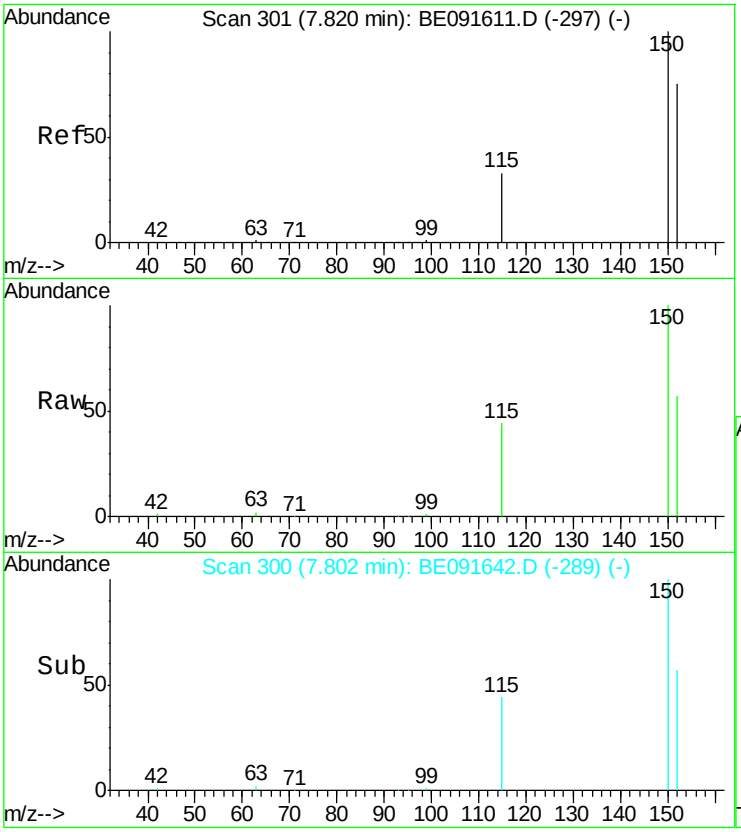
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041116\
Data File : BE091642.D
Acq On : 11 Apr 2016 23:37
Operator : UM/SJ
Sample : H2090-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Quant Time: Apr 12 01:50:29 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 16:48:14 2016
Response via : Initial Calibration



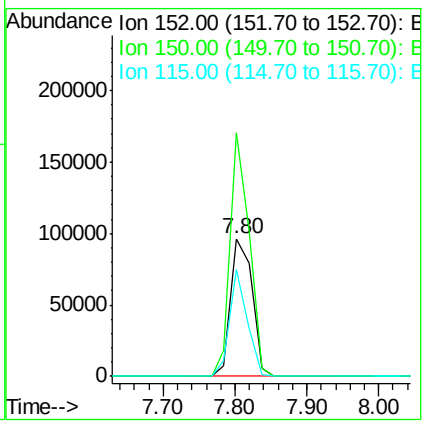


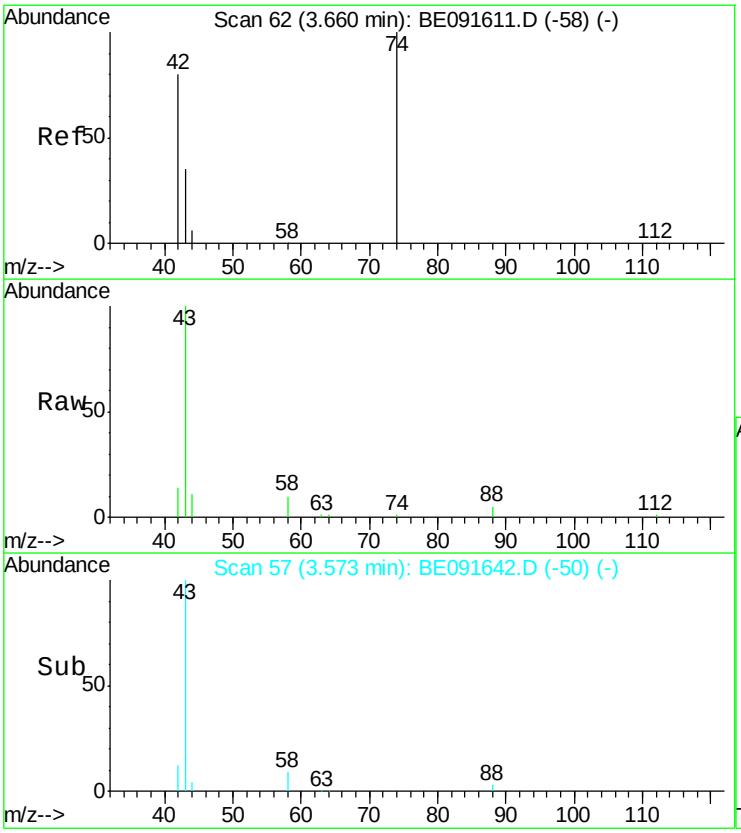
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:152 Resp: 196038

Ion	Ratio	Lower	Upper
152	100		
150	176.6	122.6	183.8
115	77.1	52.8	79.2

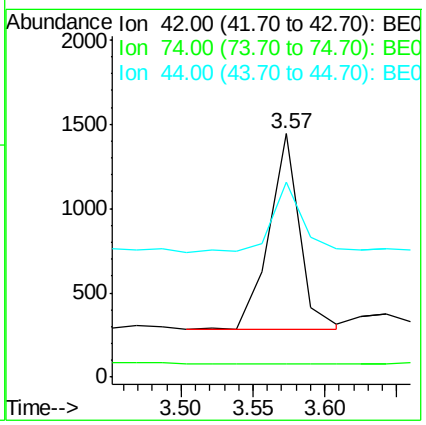


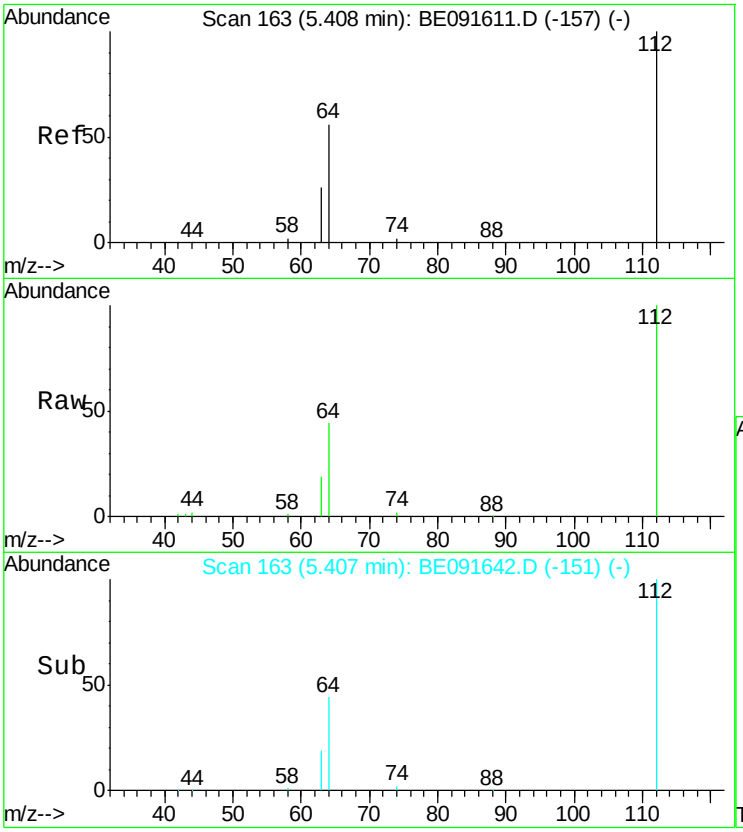


#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.57 min Scan# 57
Delta R.T. -0.09 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion: 42 Resp: 1716

Ion	Ratio	Lower	Upper
42	100		
74	1.1	87.9	131.9#
44	56.1	6.6	9.8#



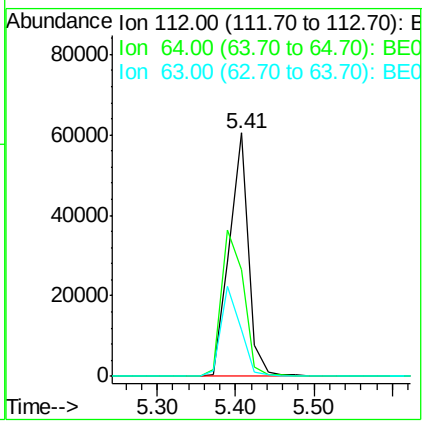


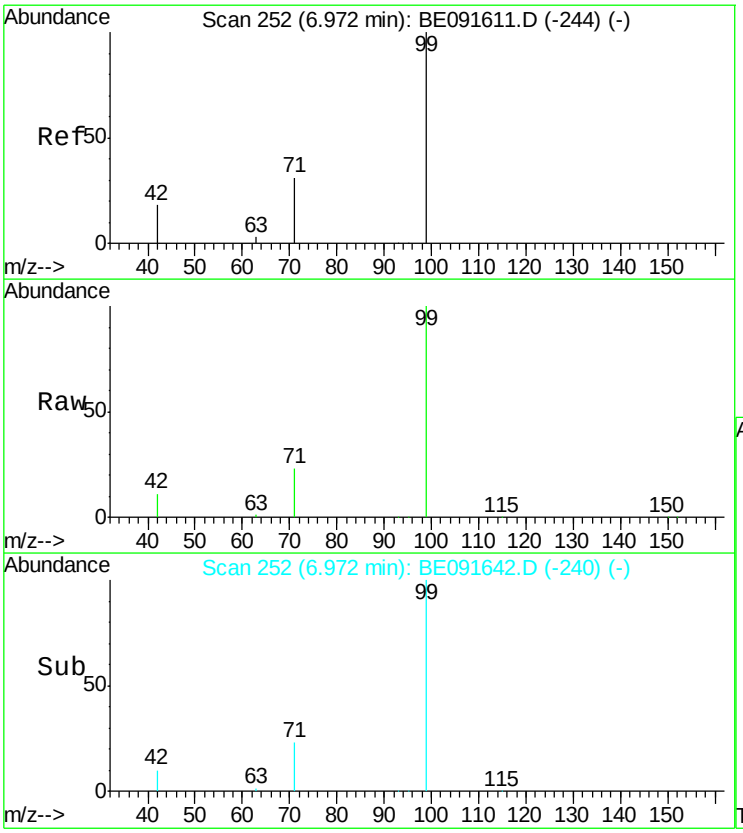
#4
2-Fluorophenol
Concen: 2.20 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:112 Resp: 102720

Ion	Ratio	Lower	Upper
112	100		
64	68.5	30.9	46.3#
63	37.2	16.7	25.1#

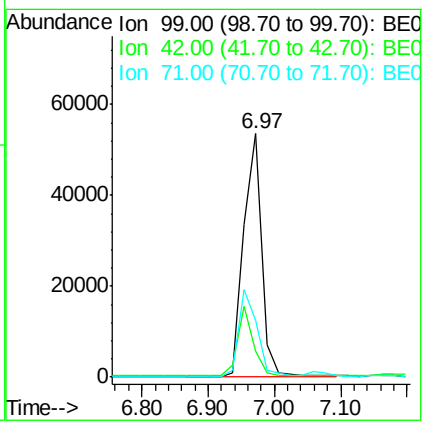


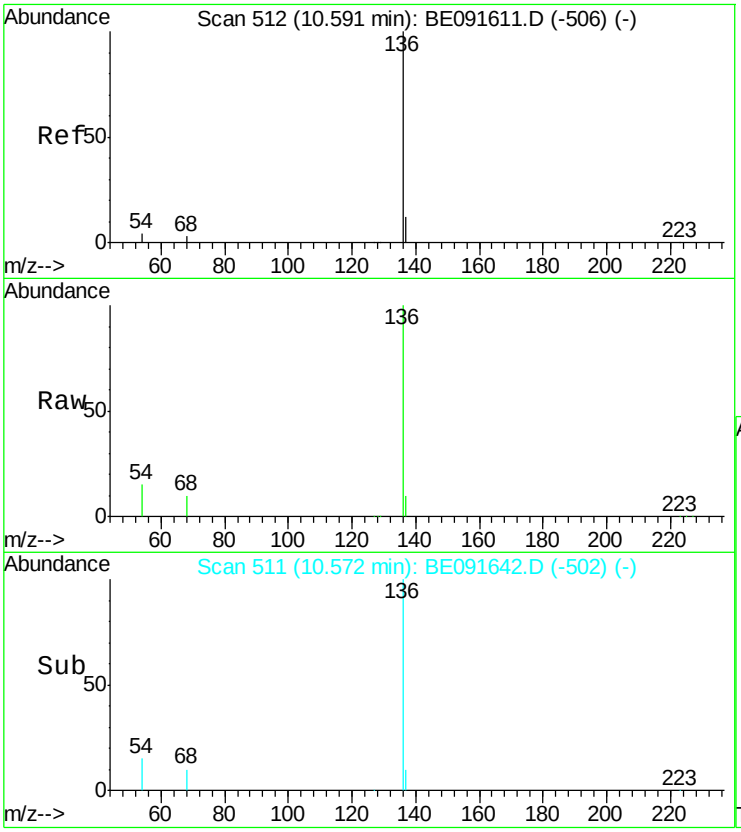


#5
Phenol-d6
Concen: 1.63 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion: 99 Resp: 101369

Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.2	24.2#
71	36.6	29.0	43.4



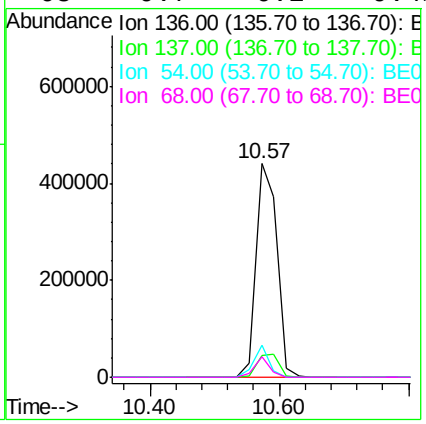


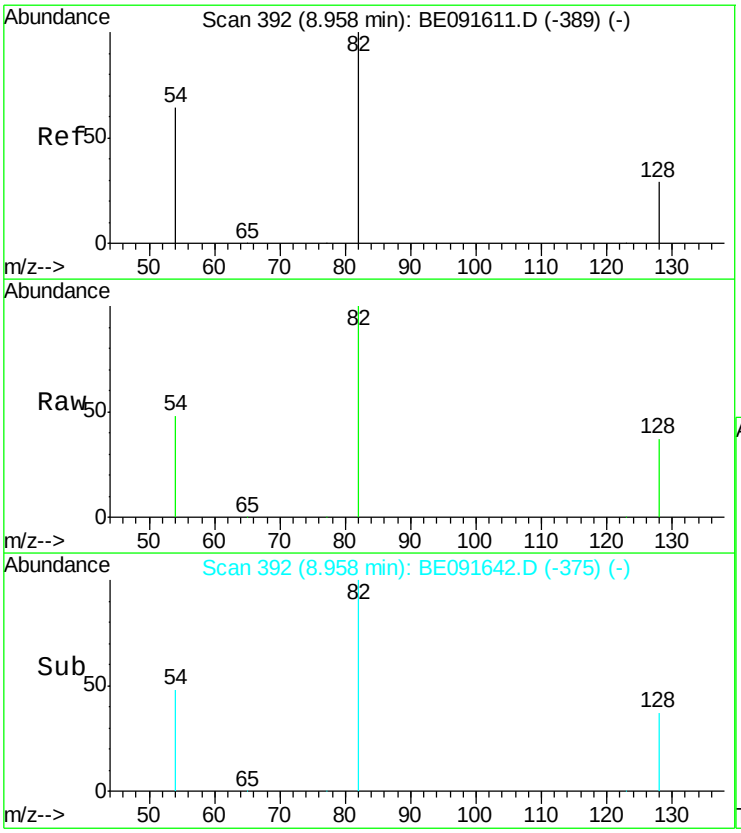
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.02 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:136 Resp: 997052

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	14.8	8.2	12.4#
68	9.7	6.2	9.4#

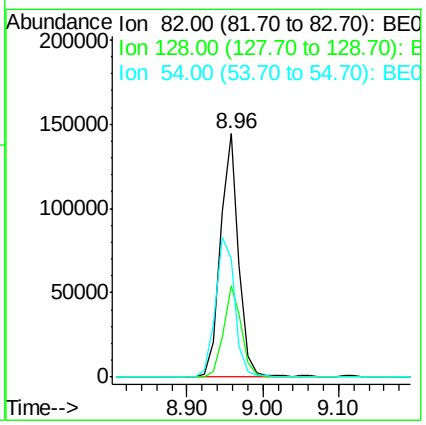


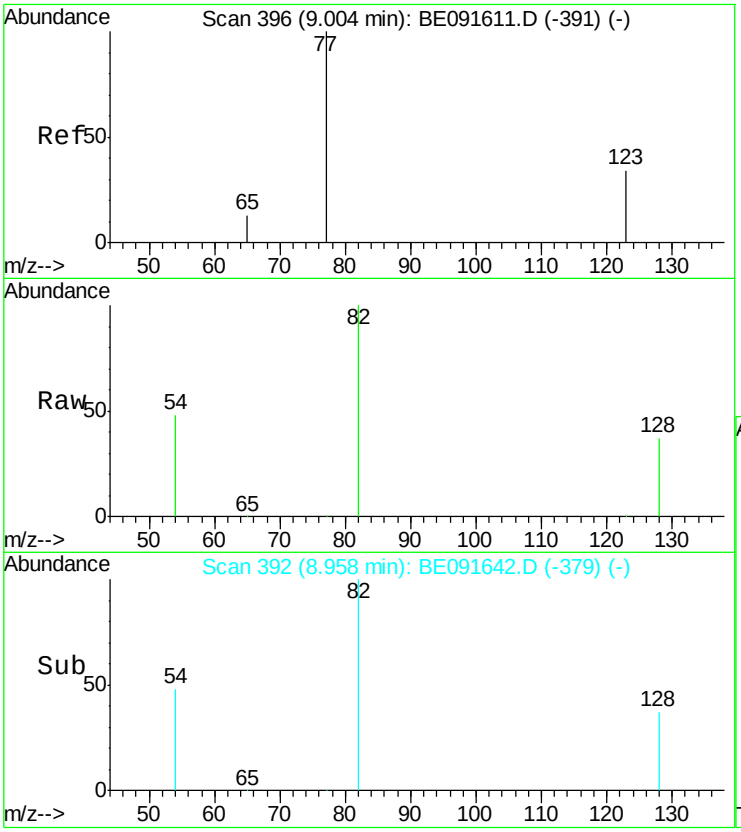


#8
Nitrobenzene-d5
Concen: 4.19 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion: 82 Resp: 242954

Ion	Ratio	Lower	Upper
82	100		
128	37.4	25.4	38.0
54	48.3	48.4	72.6#



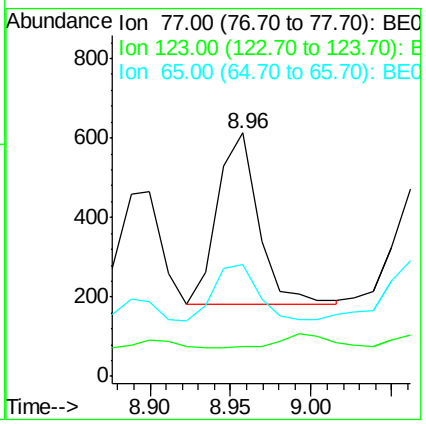


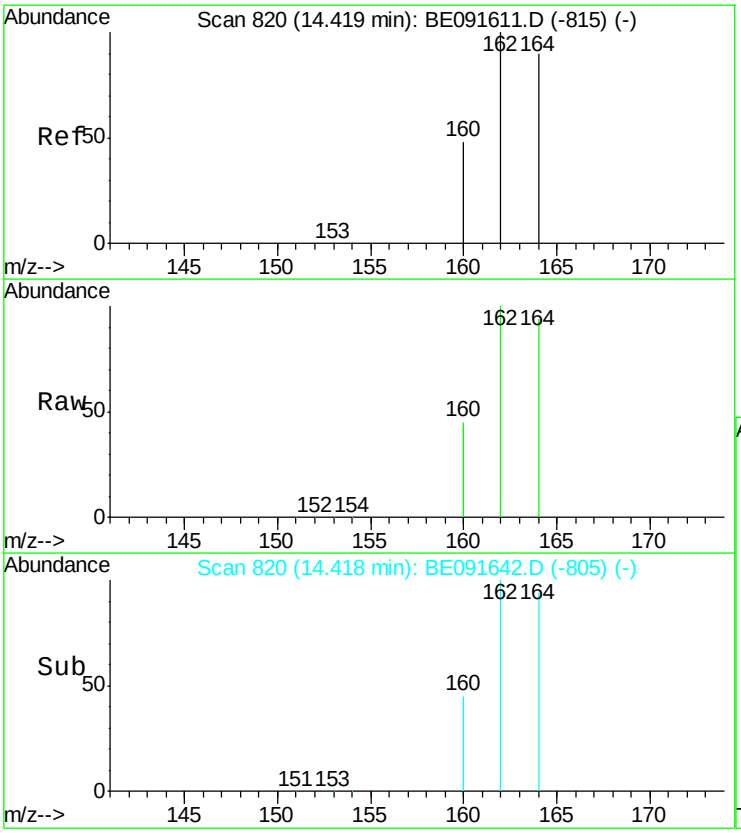
#9
Nitrobenzene
Concen: 0.18 ng
RT: 8.96 min Scan# 392
Delta R.T. -0.05 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion: 77 Resp: 757

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.9	40.3#
65	34.3	9.4	14.2#

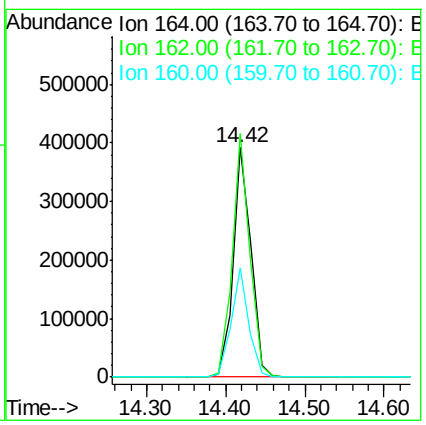


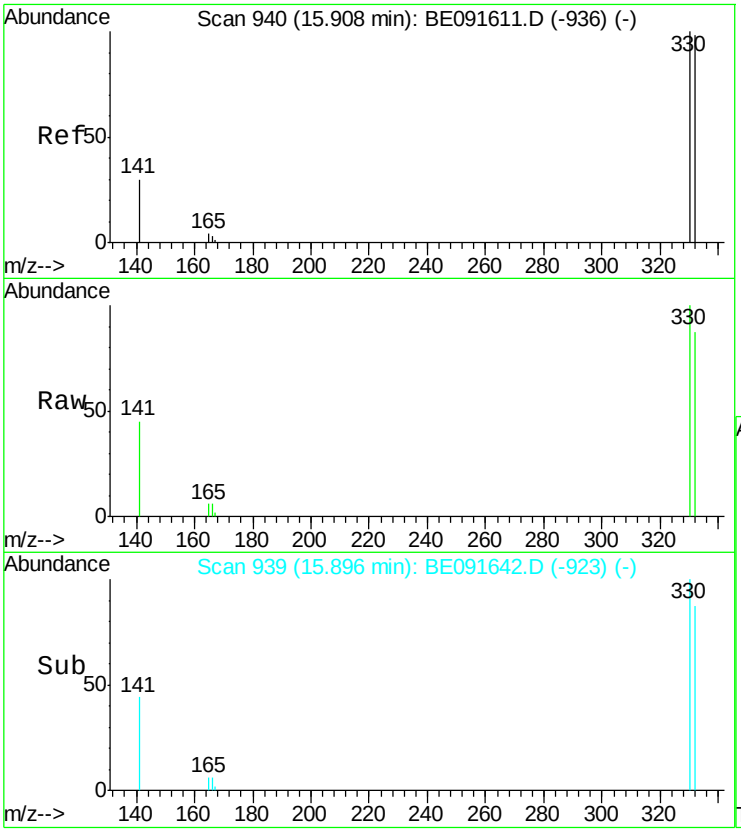


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:164 Resp: 614477

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.3	127.9
160	47.7	46.2	69.2



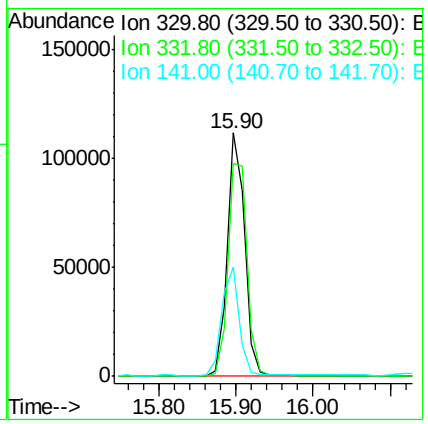


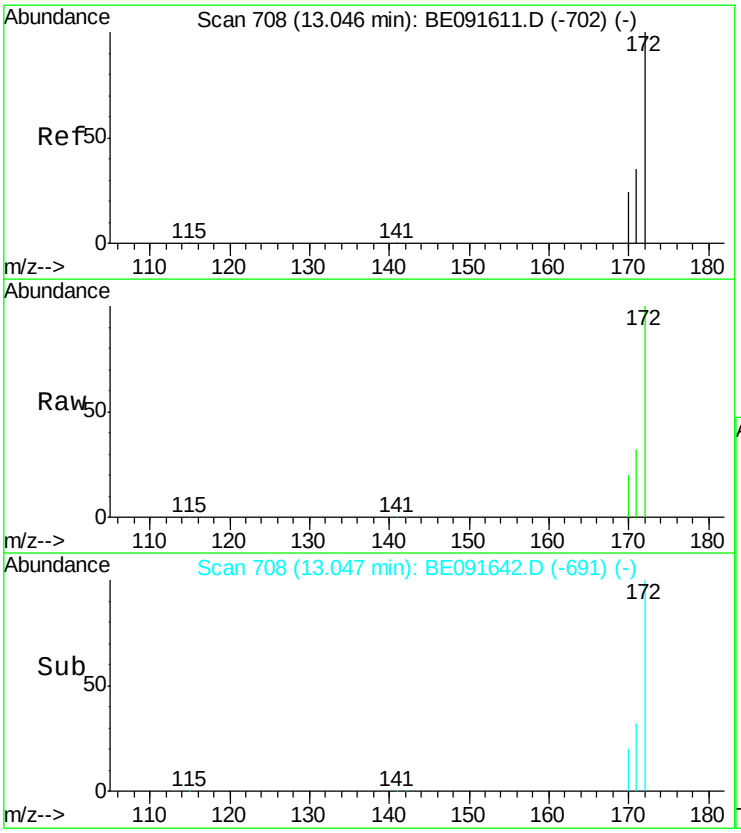
#14
2,4,6-Tribromophenol
Concen: 8.66 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:330 Resp: 195134

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.1	118.7
141	39.7	125.4	188.0#

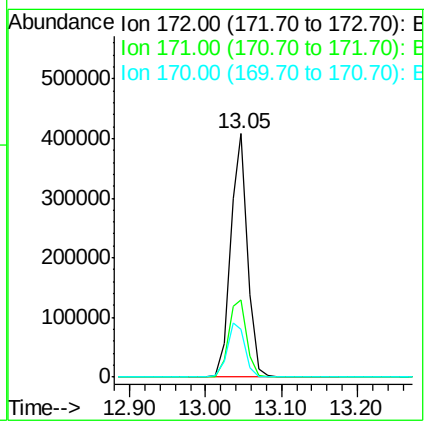


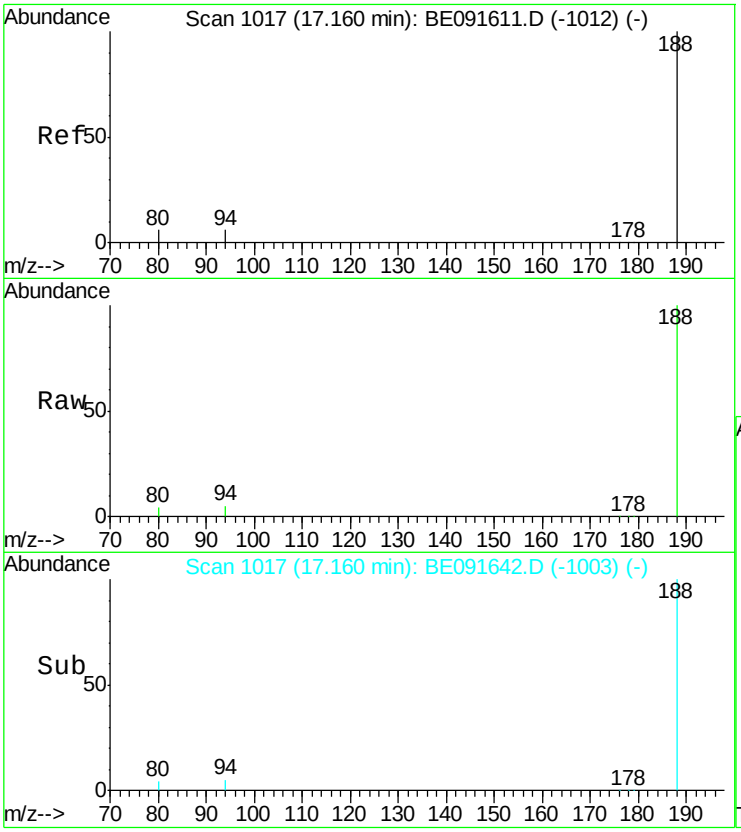


#15
2-Fluorobiphenyl
Concen: 3.76 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:172 Resp: 642204

Ion	Ratio	Lower	Upper
172	100		
171	31.9	28.8	43.2
170	19.5	19.3	28.9



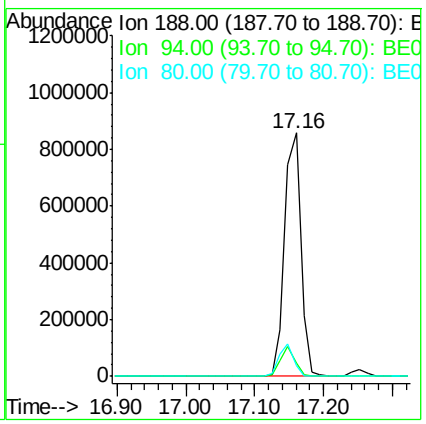


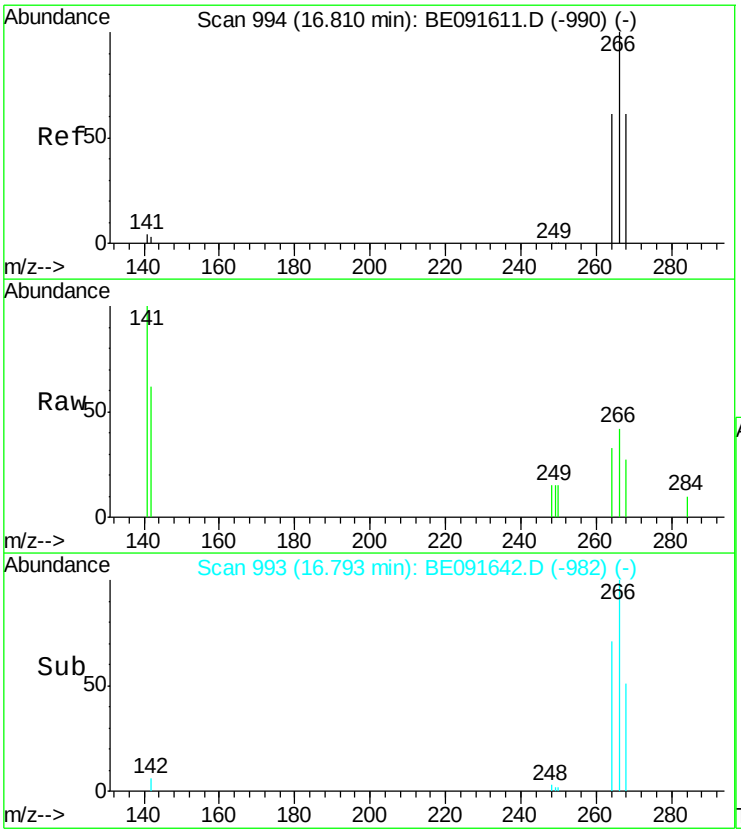
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:188 Resp: 1540667

Ion	Ratio	Lower	Upper
188	100		
94	5.2	8.7	13.1#
80	4.3	9.4	14.0#

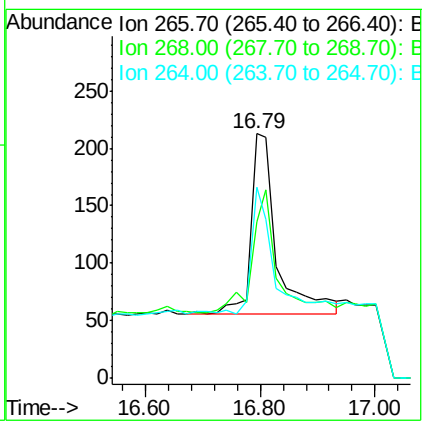


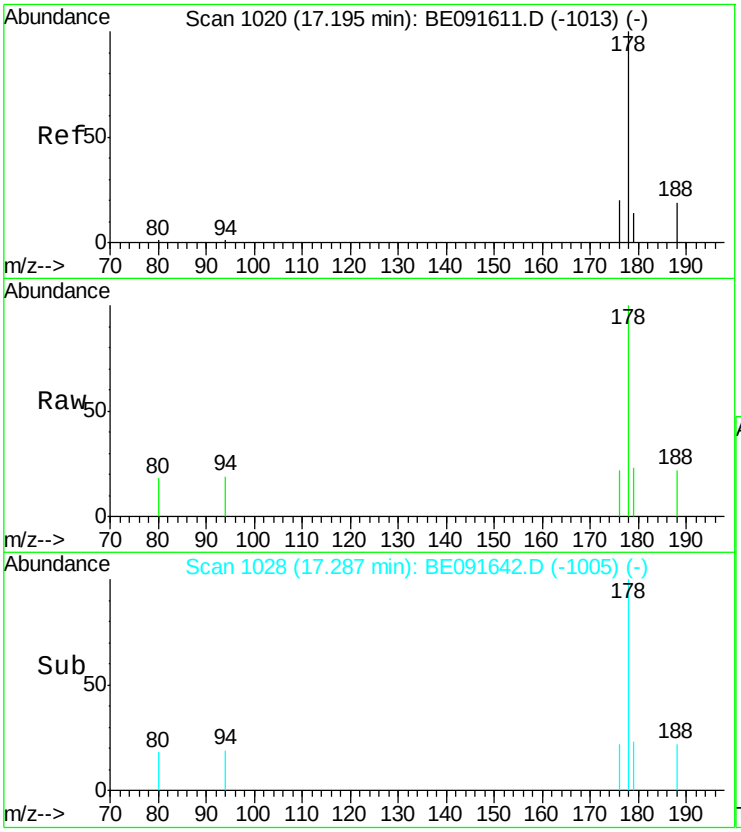


#22
Pentachlorophenol
Concen: 0.24 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.02 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:266 Resp: 492

Ion	Ratio	Lower	Upper
266	100		
268	63.8	58.2	87.2
264	77.9	56.2	84.4



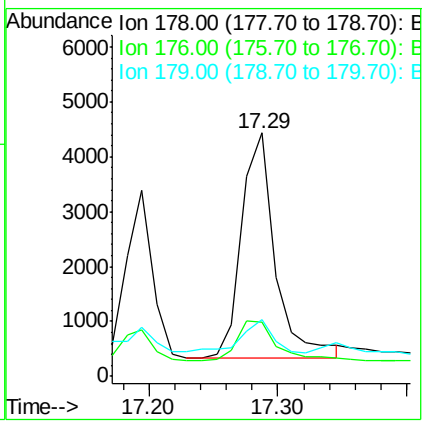


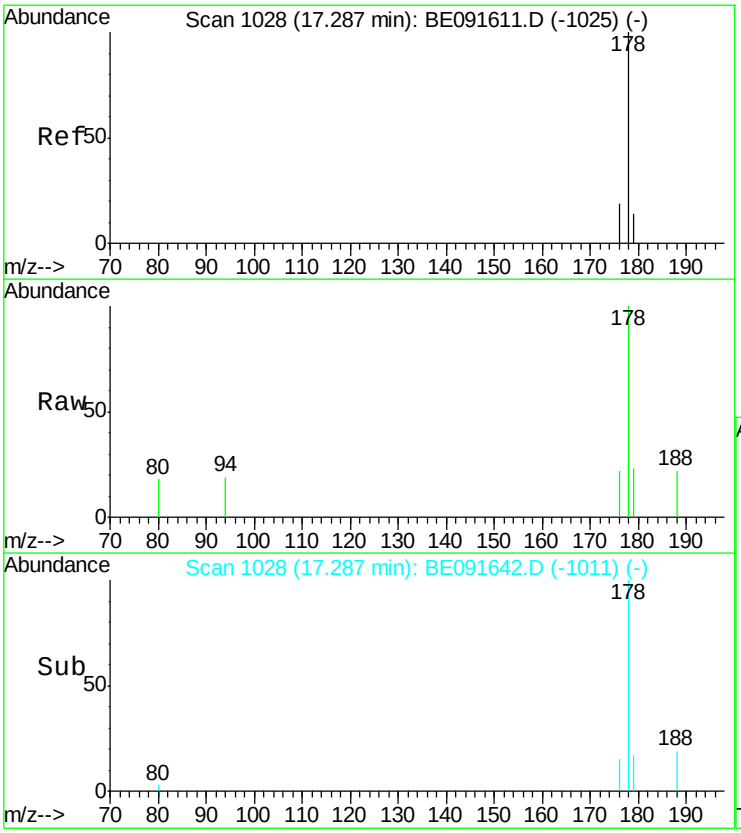
#23
Phenanthrene
Concen: 0.02 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.09 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:178 Resp: 7517

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	13.6	12.6	18.8

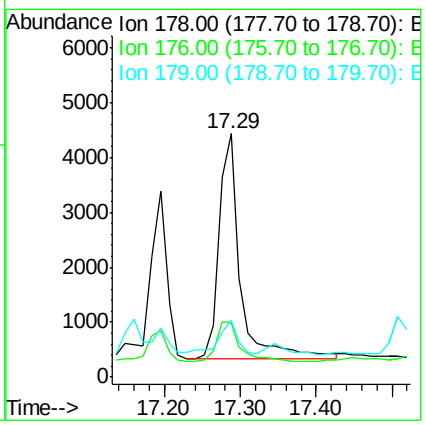


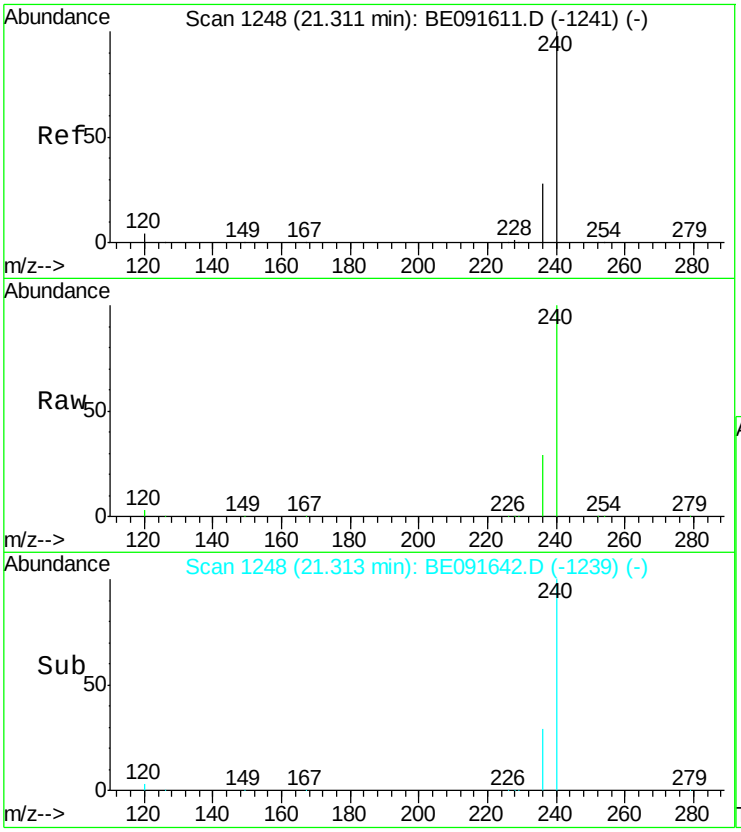


#24
Anthracene
Concen: 0.03 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:178 Resp: 8152

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	14.3	11.8	17.6



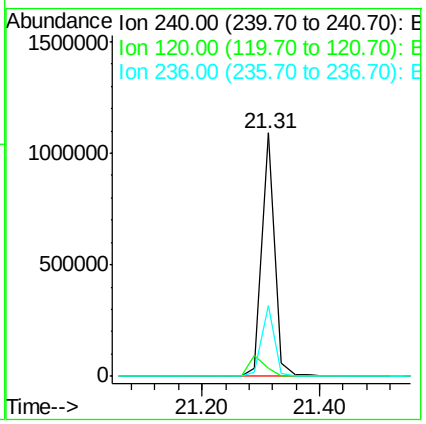


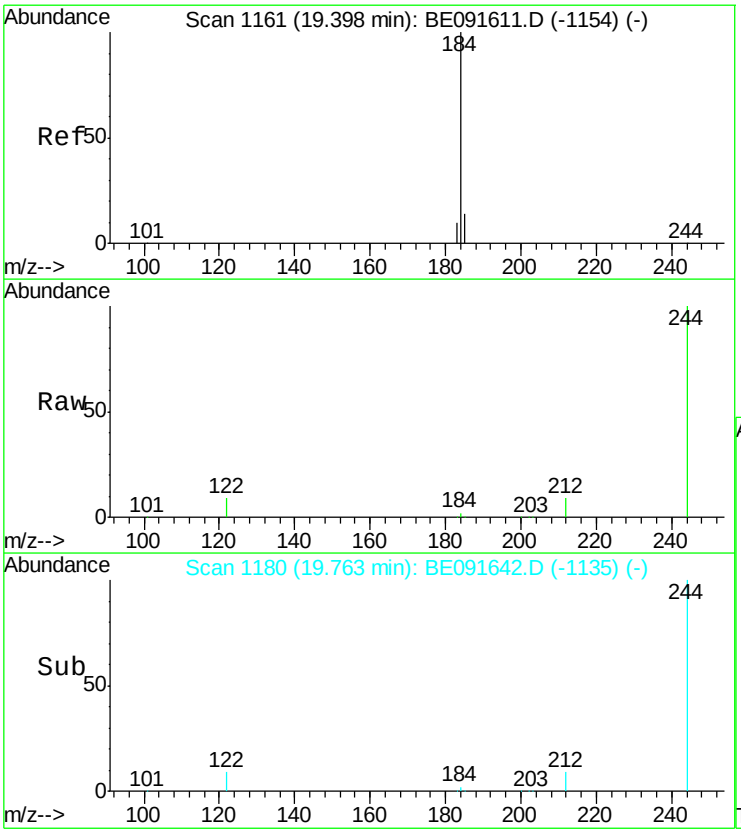
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:240 Resp: 1666874

Ion	Ratio	Lower	Upper
240	100		
120	3.4	11.0	16.4#
236	29.1	21.7	32.5

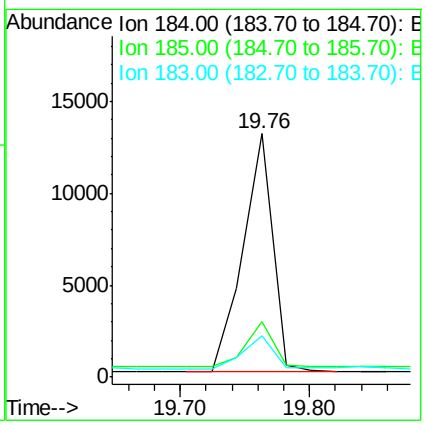


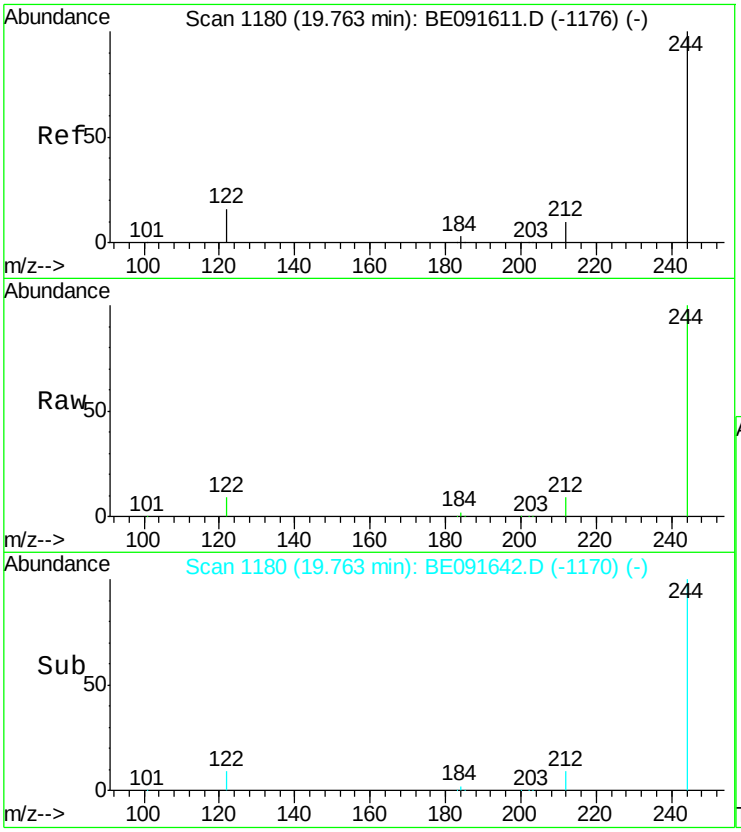


#27
Benzidine
Concen: 0.45 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.37 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:184 Resp: 20657

Ion	Ratio	Lower	Upper
184	100		
185	22.6	22.3	33.5
183	16.8	16.4	24.6



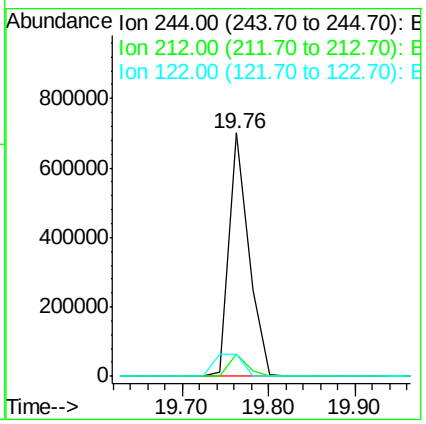


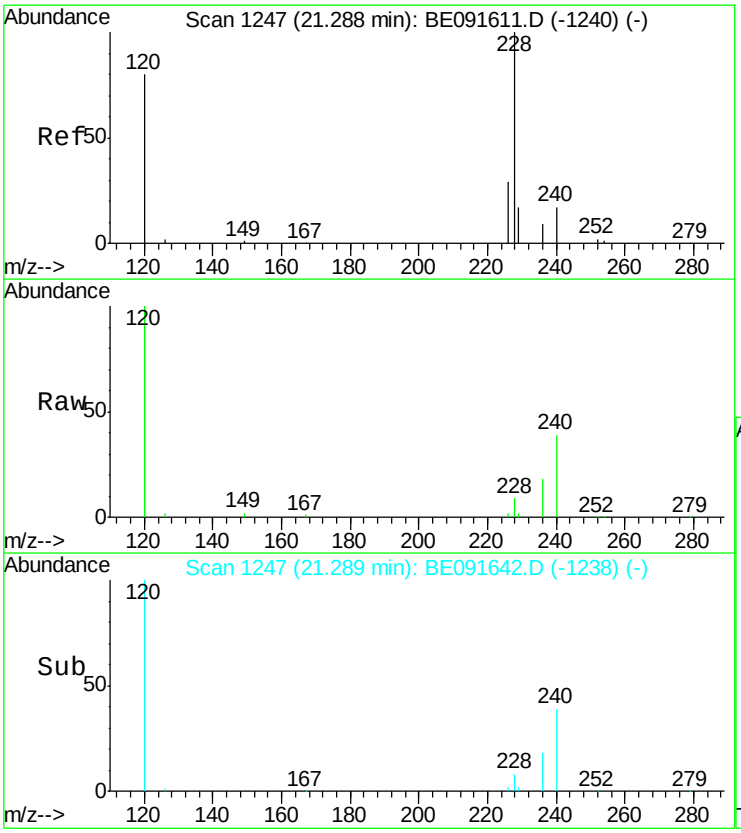
#29
Terphenyl-d14
Concen: 5.38 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:244 Resp: 1119531

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.9	10.3
122	9.0	11.0	16.4#

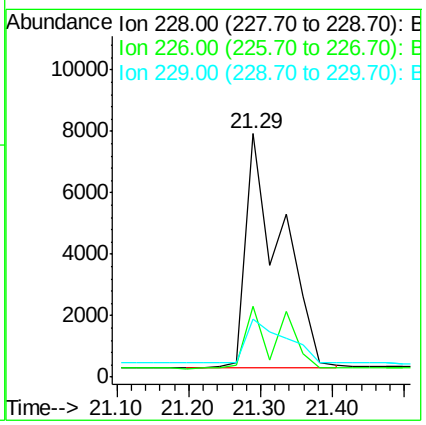


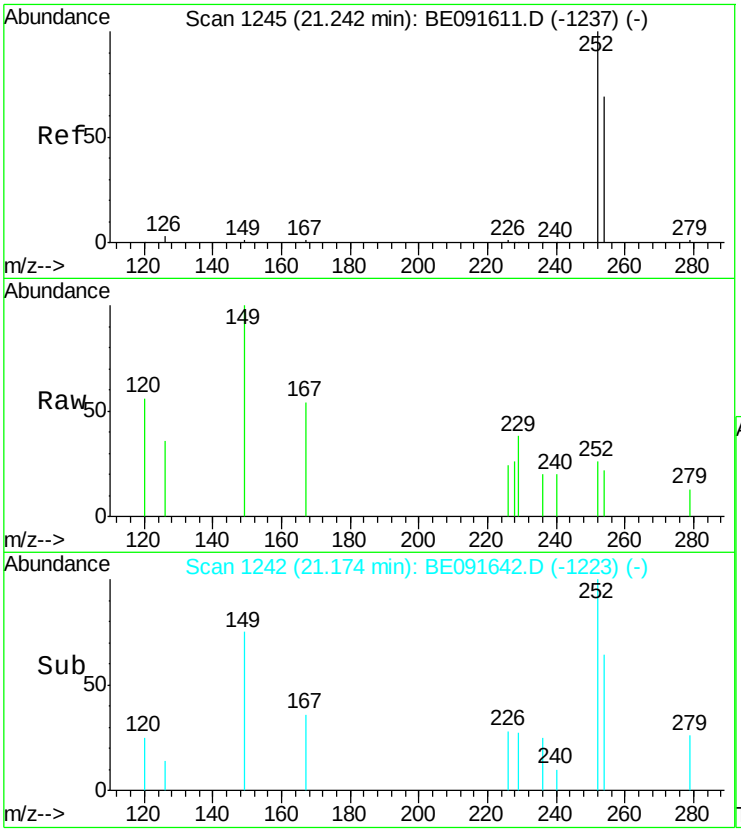


#30
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.29 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:228 Resp: 25870

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.0	31.4
229	23.7	15.7	23.5#



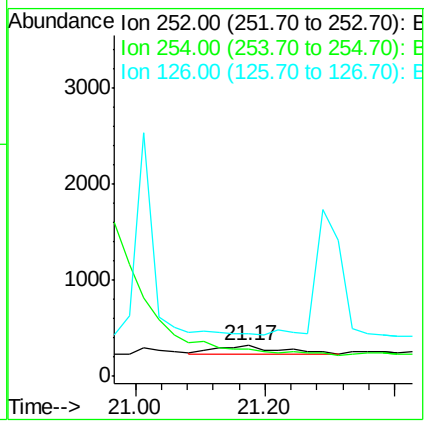


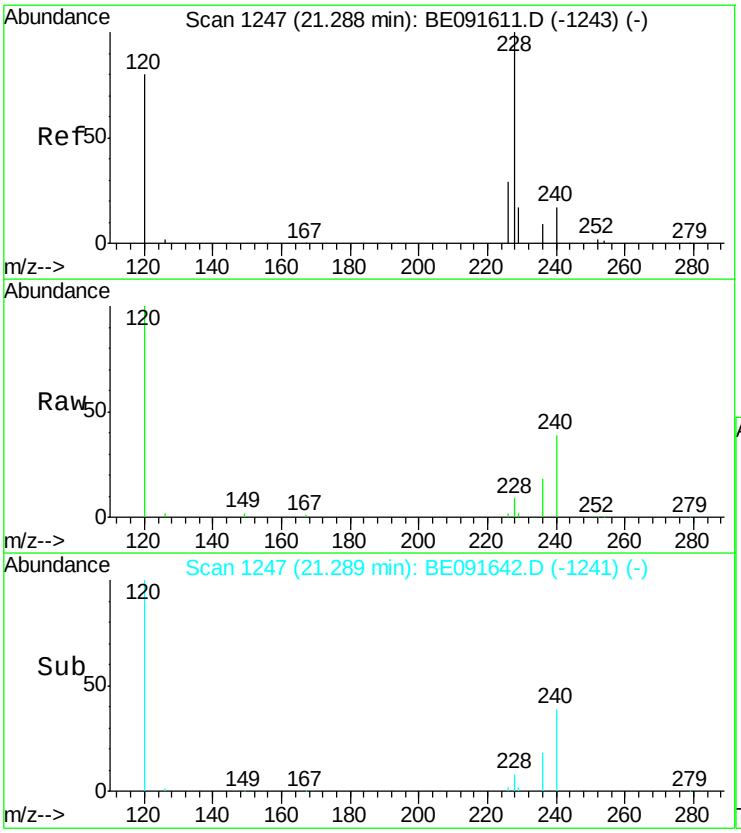
#31
3,3'-Dichlorobenzidine
Concen: 0.17 ng
RT: 21.17 min Scan# 1242
Delta R.T. -0.07 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:252 Resp: 629

Ion	Ratio	Lower	Upper
252	100		
254	87.2	51.1	76.7#
126	140.3	12.6	18.8#

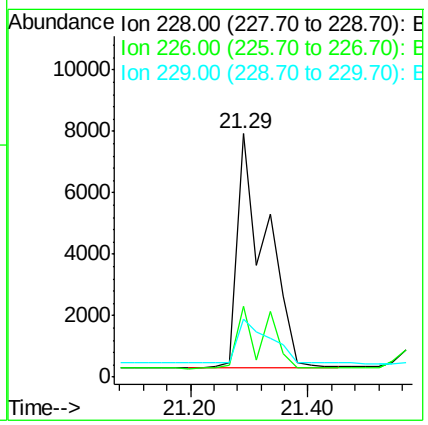


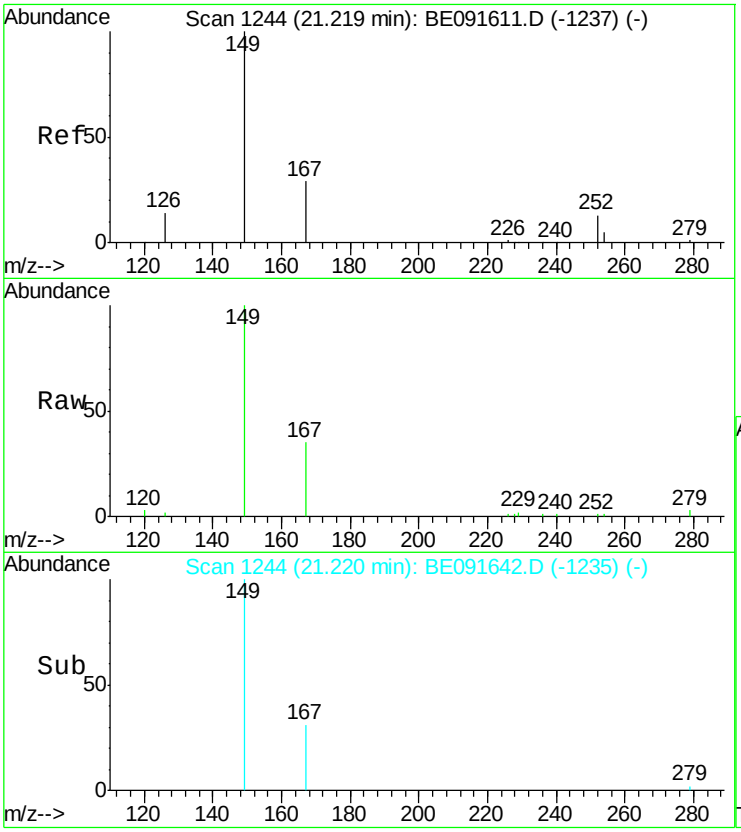


#32
Chrysene
Concen: 0.08 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.07 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:228 Resp: 25986

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	23.7	15.9	23.9



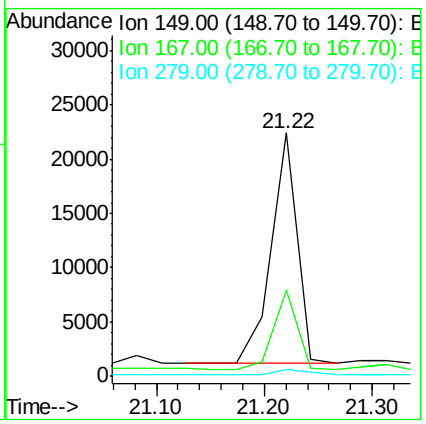


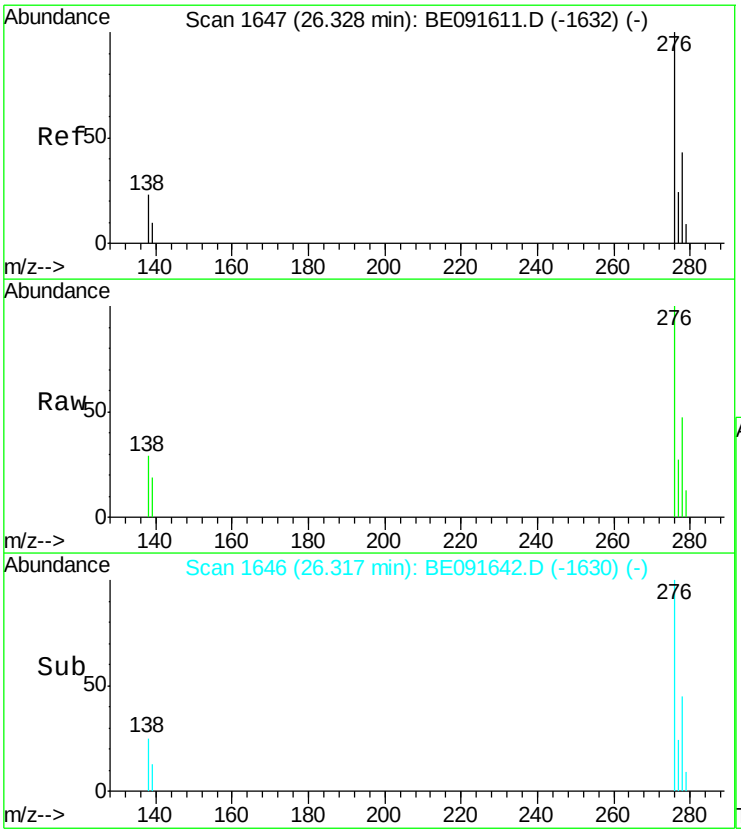
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:149 Resp: 35928

Ion	Ratio	Lower	Upper
149	100		
167	31.0	19.5	29.3#
279	3.1	10.0	15.0#

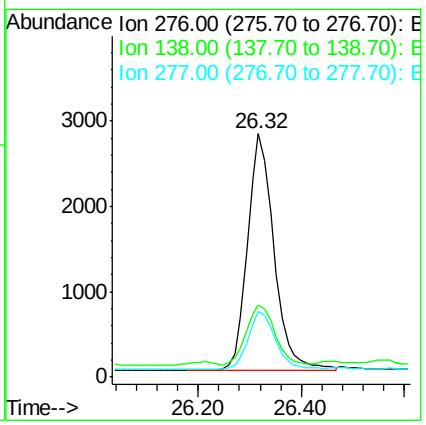


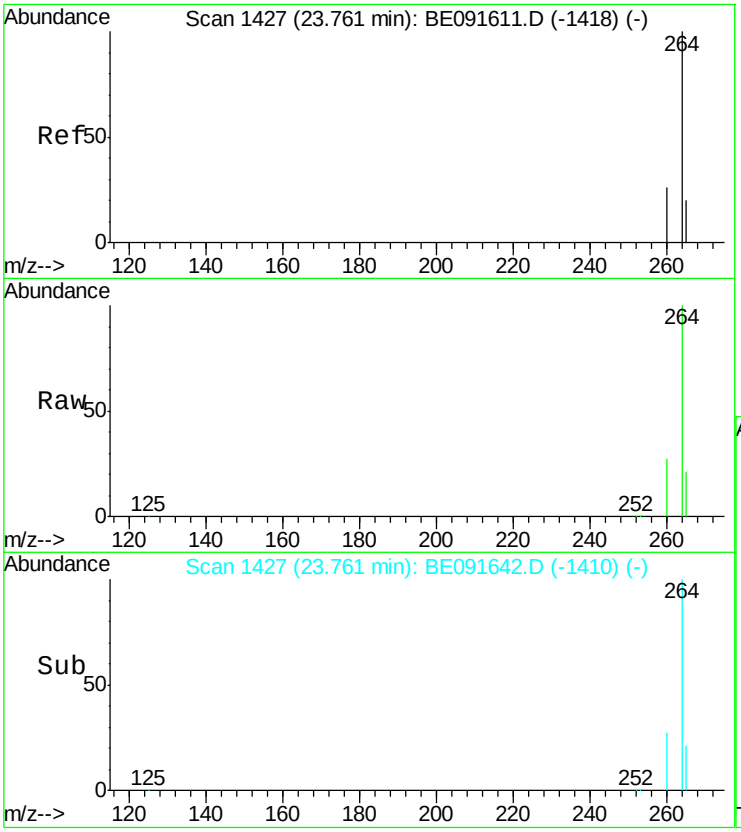


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:276 Resp: 9909

Ion	Ratio	Lower	Upper
276	100		
138	26.6	23.4	35.2
277	25.4	19.8	29.8



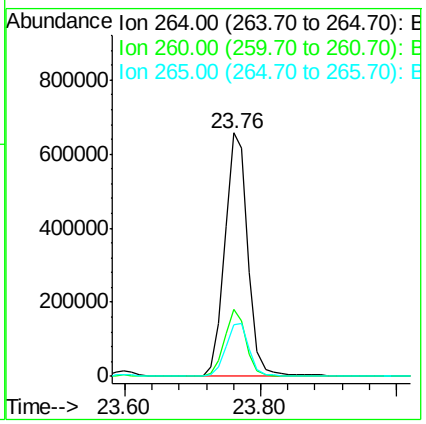


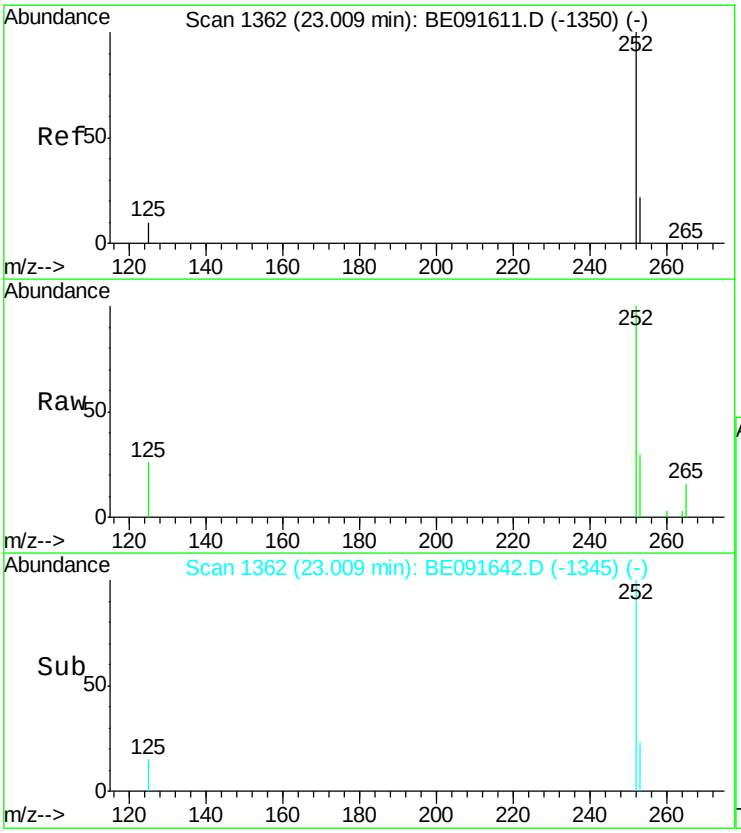
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:264 Resp: 1564470

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.0	30.0
265	21.3	17.5	26.3

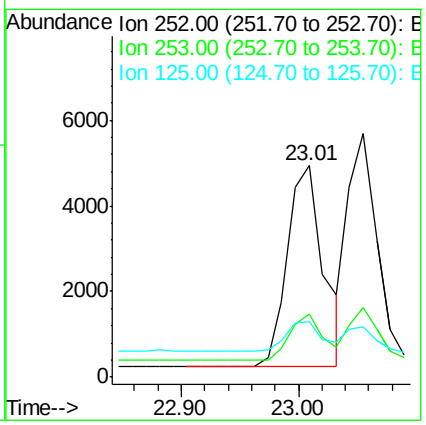


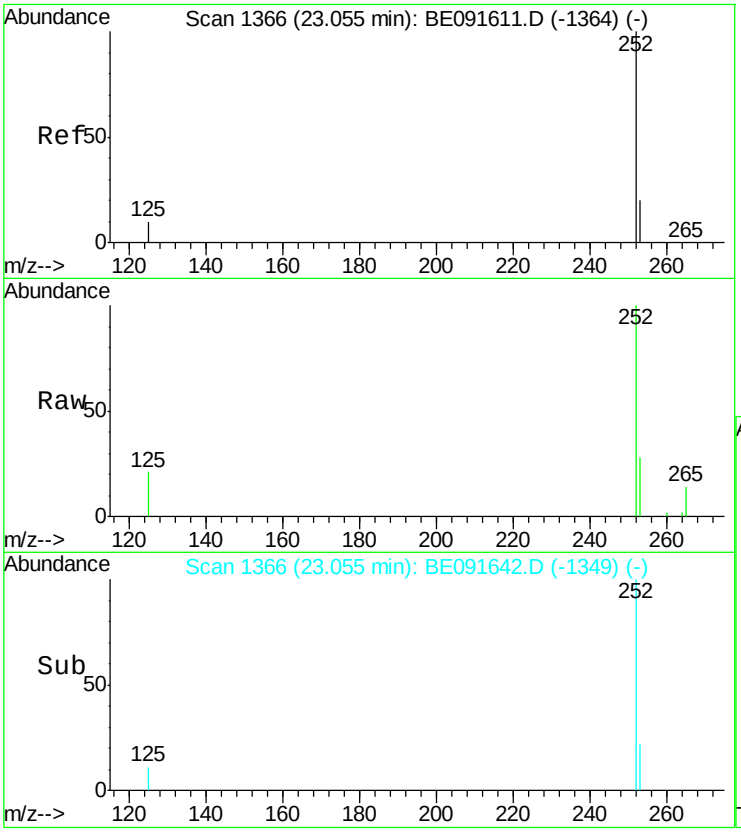


#36
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 23.01 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:252 Resp: 10102

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.4	26.0#
125	26.3	10.2	15.2#



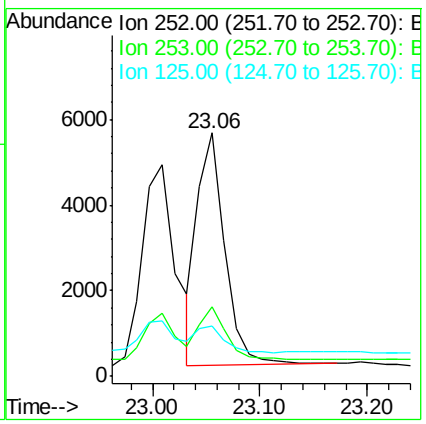


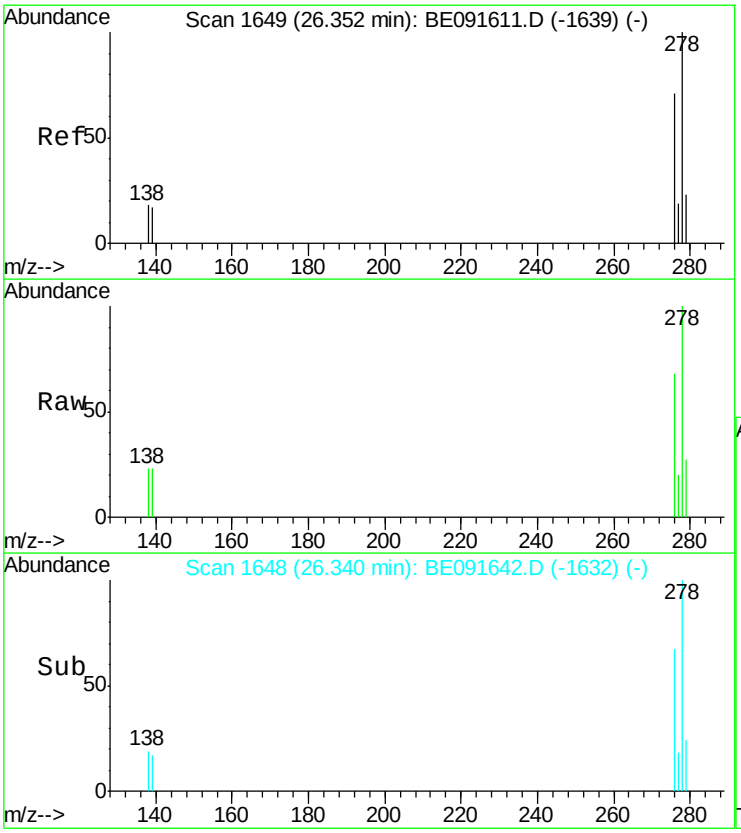
#37
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:252 Resp: 9635

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.6	26.4#
125	20.9	9.9	14.9#

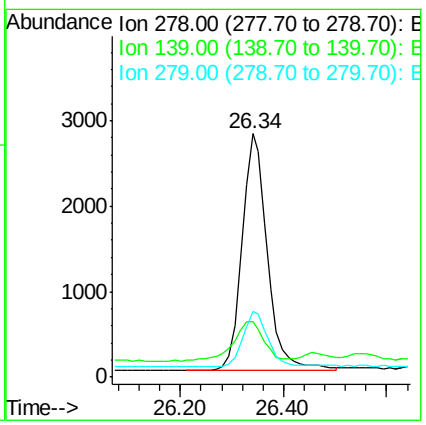


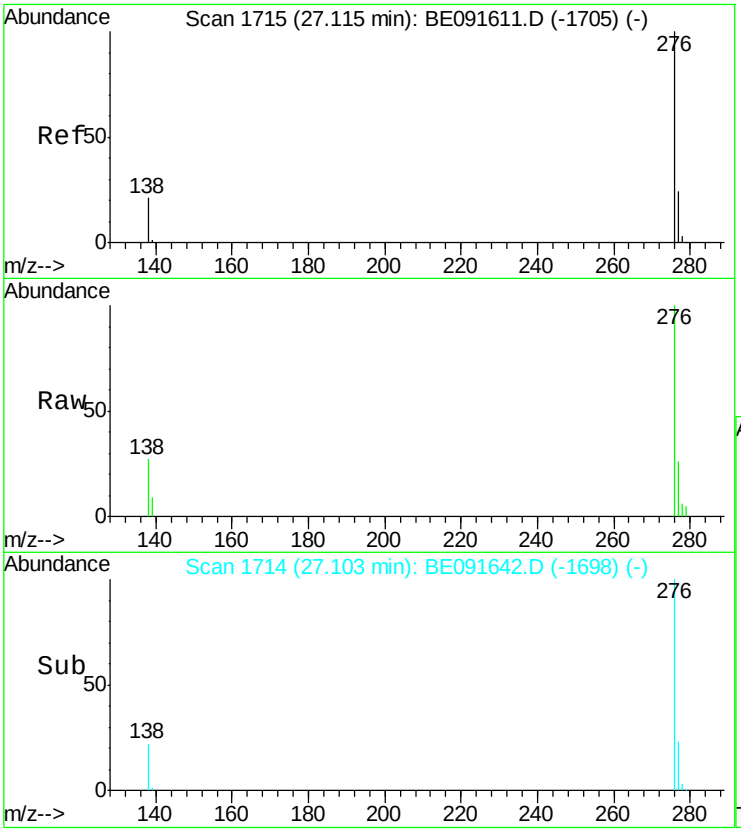


#39
Dibenzo(a,h)anthracene
Concen: 0.03 ng
RT: 26.34 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Tgt Ion:278 Resp: 9358

Ion	Ratio	Lower	Upper
278	100		
139	22.9	16.0	24.0
279	27.1	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 27.10 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BE091642.D
Acq: 11 Apr 2016 23:37

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:276 Resp: 8931

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	26.9	20.4	30.6