Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091891.D
Acq On : 8 Jun 2016 00:42
Operator : UM/SJ
Sample : H3357-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jun 08 07:18:23 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 17:14:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	29257	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	130419	5.00	ng	0.00
15) Acenaphthene-d10	14.38	164	76732	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	204558	5.00	ng	0.00
31) Chrysene-d12	21.30	240	183526	5.00	ng	0.00
40) Perylene-d12	23.71	264	238665	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	14089	2.26	ng	0.00
5) Phenol-d6	6.94	99	10522	1.36	ng	-0.02
9) Nitrobenzene-d5	8.91	82	31588	3.23	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	18984	8.68	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	83873	3.60	ng	0.00
34) Terphenyl-d14	19.74	244	177851	-5.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	195	Below Cal	#	1
3) n-Nitrosodimethylamine	3.52	42	137	0.03	ng #	3
10) Nitrobenzene	8.91	77	125	0.06	ng #	1
12) Naphthalene	10.59	128	930	0.03	ng #	76
18) Acenaphthylene	14.10	152	771	0.02	ng #	1
19) 2,6-Dinitrotoluene	13.84	165	507	0.24	ng #	3
21) 2,4-Dinitrotoluene	14.38	165	9880	1.77	ng #	1
23) 4-Chlorophenyl-phenylether	15.09	204	619	0.05	ng #	28
27) Pentachlorophenol	16.78	266	106	0.08	ng #	79
32) Benzidine	19.72	184	2889	0.29	ng	94
35) Benzo(a)anthracene	21.27	228	6374	Below Cal	#	86
36) 3,3'-Dichlorobenzidine	21.33	252	99	0.11	ng #	85
37) Chrysene	21.27	228	6514	0.03	ng #	77
38) Bis(2-ethylhexyl)phthalate	21.18	149	2761	0.20	ng #	100
39) Indeno(1,2,3-cd)pyrene	26.29	276	238	0.05	ng #	69

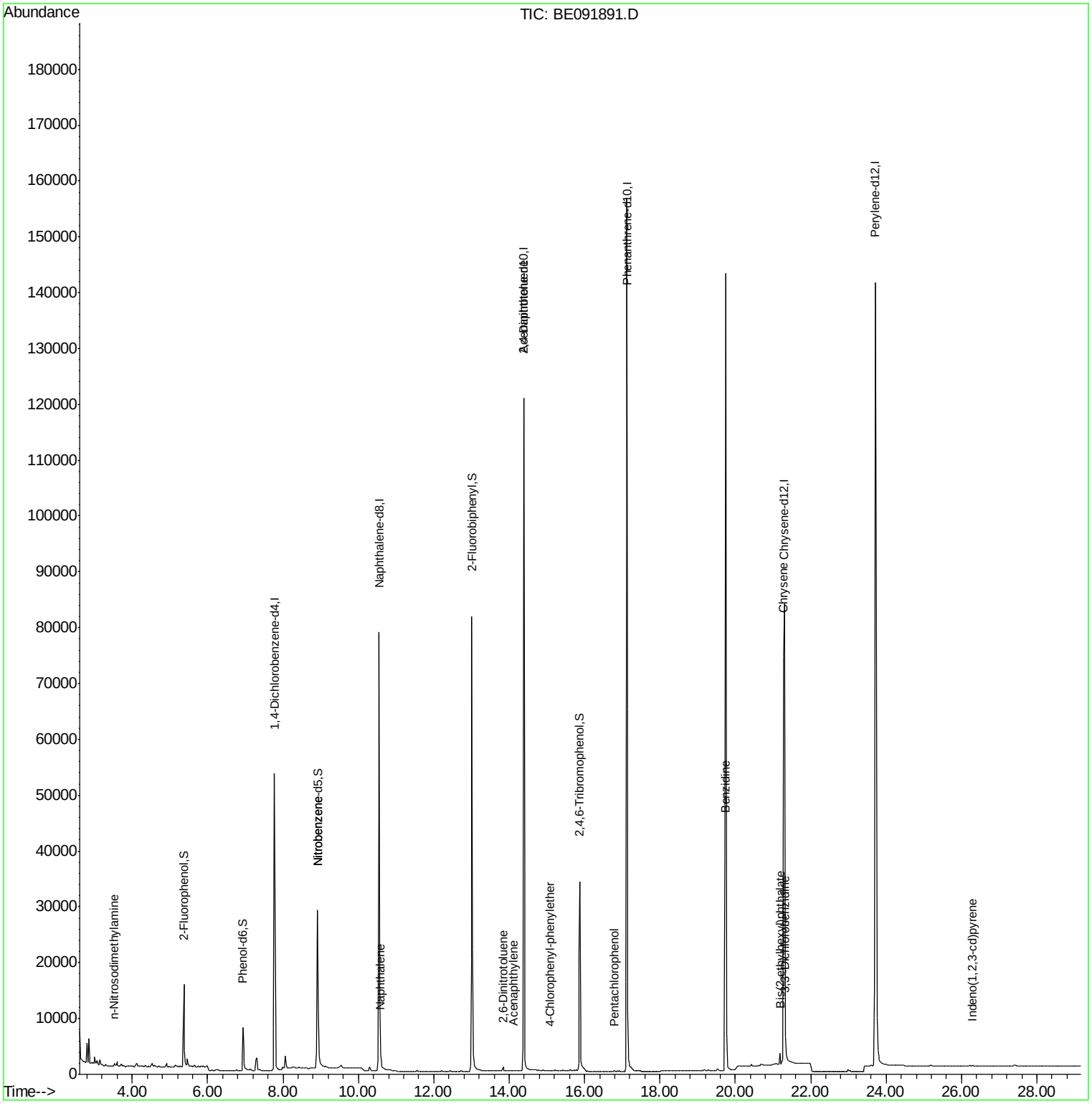
(#) = qualifier out of range (m) = manual integration (+) = signals summed

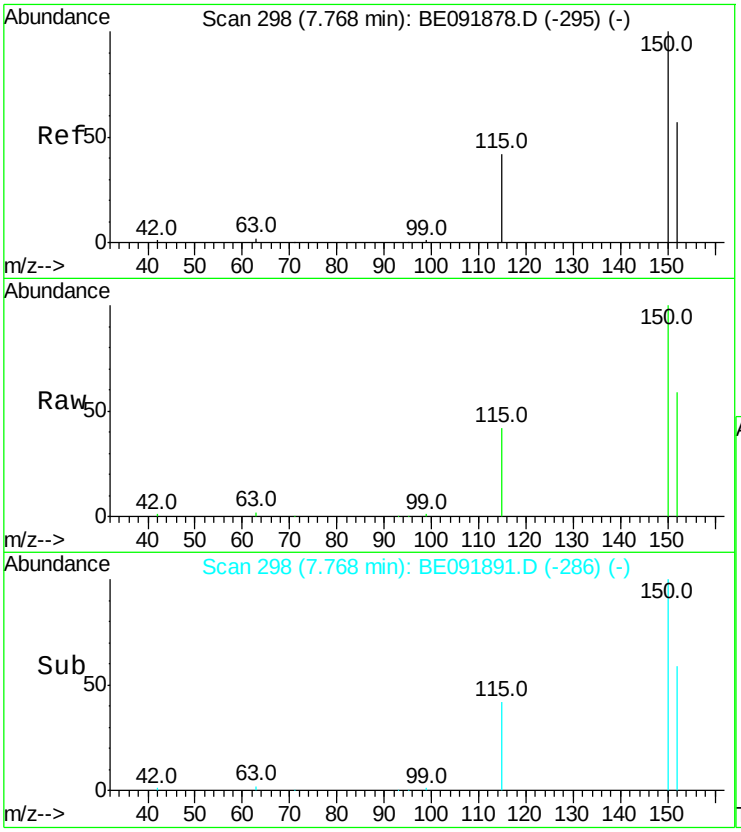
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE060716\
Data File : BE091891.D
Acq On : 8 Jun 2016 00:42
Operator : UM/SJ
Sample : H3357-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jun 08 07:18:23 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 17:14:38 2016
Response via : Initial Calibration



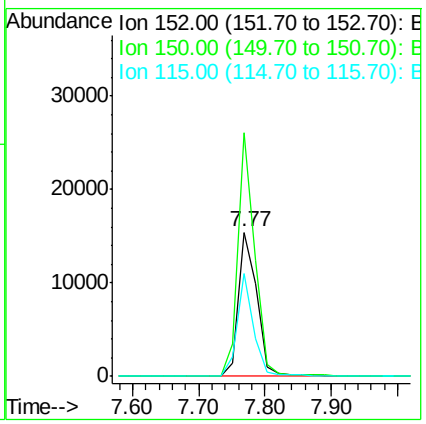


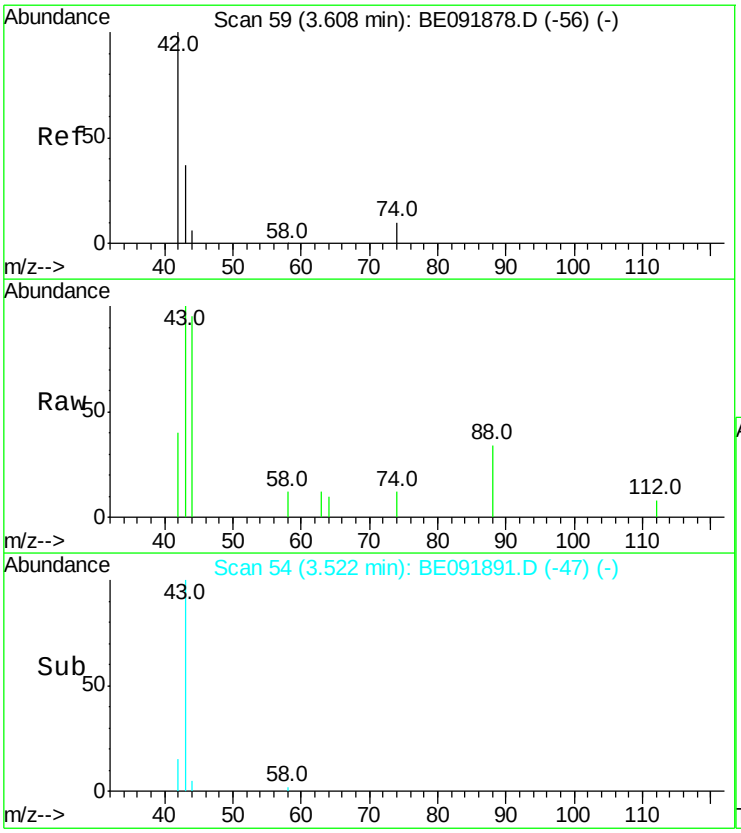
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 298
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 29257

Ion	Ratio	Lower	Upper
152	100		
150	169.0	123.9	185.9
115	71.0	48.3	72.5

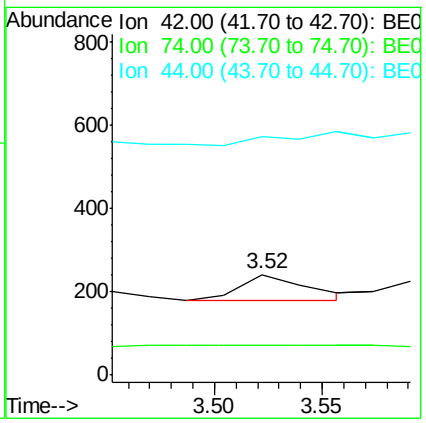


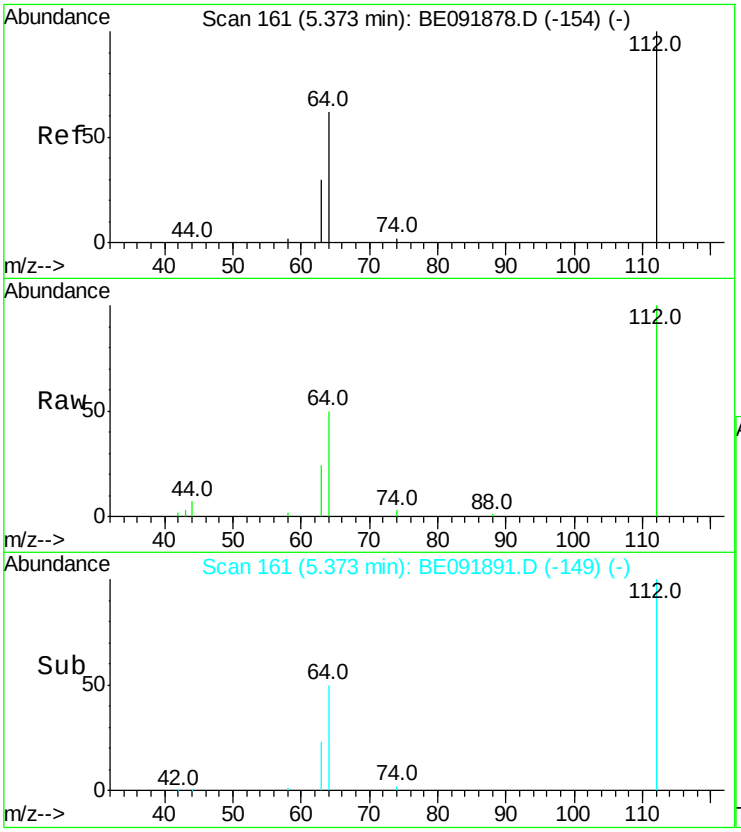


#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.52 min Scan# 54
Delta R.T. -0.09 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion: 42 Resp: 137

Ion	Ratio	Lower	Upper
42	100		
74	5.8	93.4	140.0#
44	0.0	5.0	7.6#



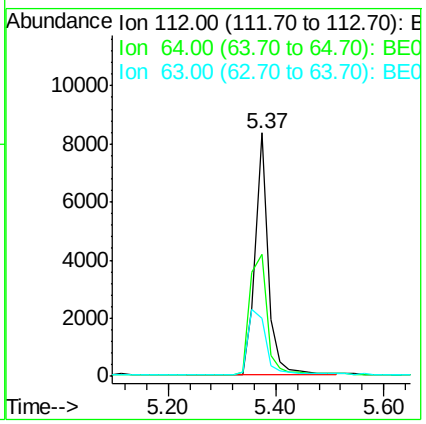


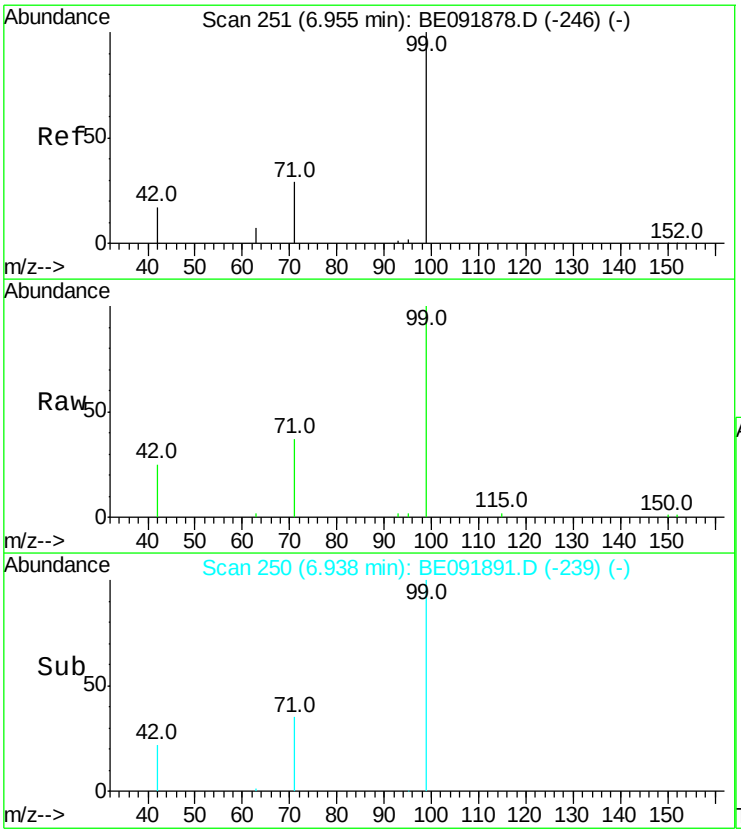
#4
2-Fluorophenol
Concen: 2.26 ng
RT: 5.37 min Scan# 161
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 14089

Ion	Ratio	Lower	Upper
112	100		
64	66.2	53.7	80.5
63	35.9	29.5	44.3

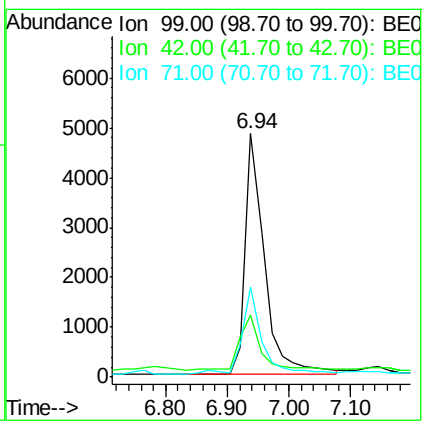


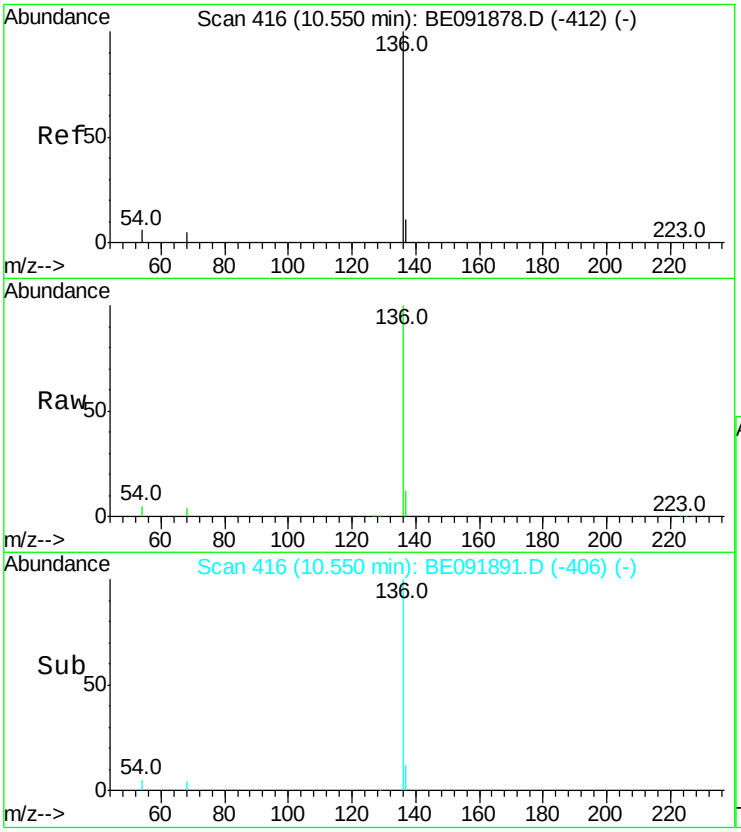


#5
Phenol-d6
Concen: 1.36 ng
RT: 6.94 min Scan# 250
Delta R.T. -0.02 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion: 99 Resp: 10522

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.6	29.4
71	36.8	28.1	42.1



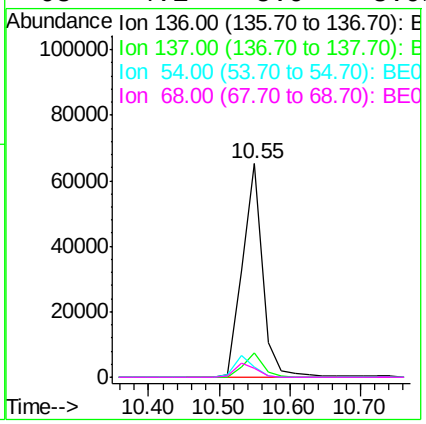


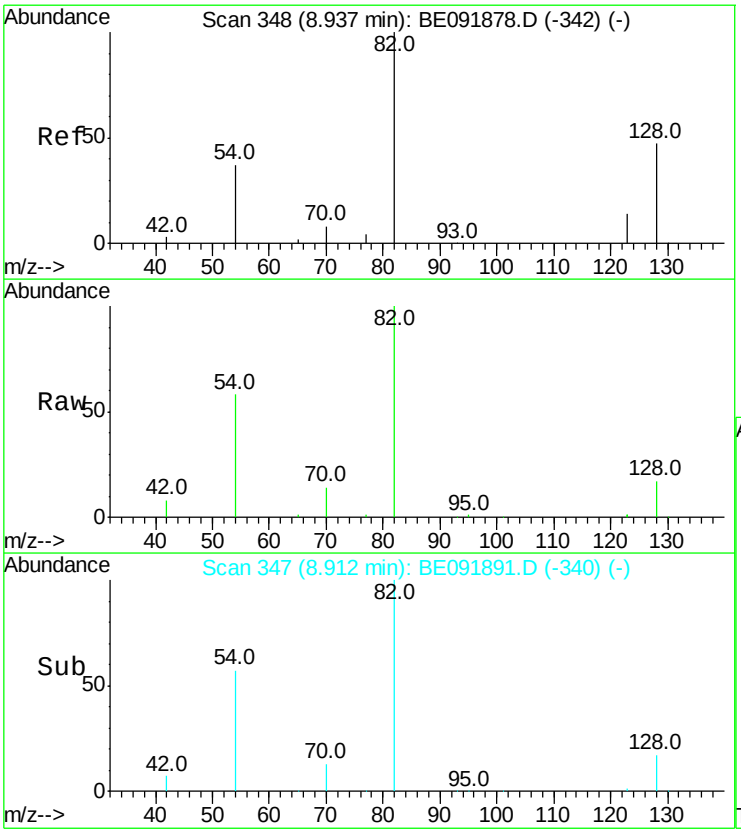
#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.55 min Scan# 416
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 130419

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.3	12.5
54	5.0	8.2	12.4#
68	4.1	5.9	8.9#

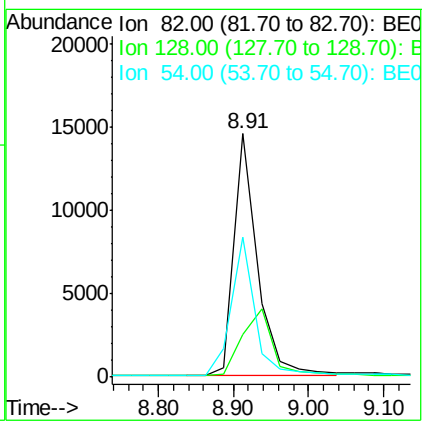


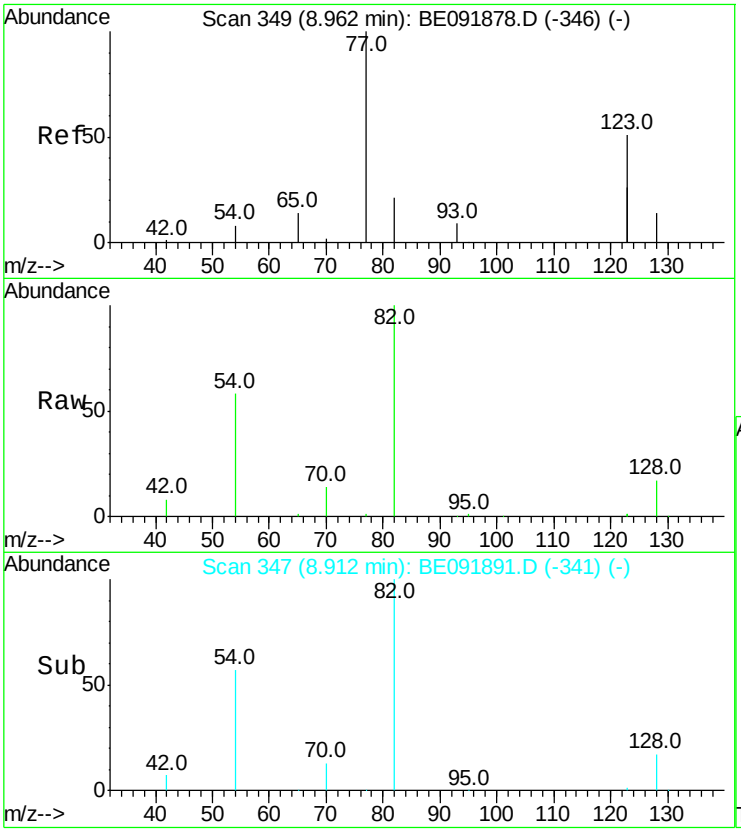


#9
Nitrobenzene-d5
Concen: 3.23 ng
RT: 8.91 min Scan# 347
Delta R.T. -0.02 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion: 82 Resp: 31588

Ion	Ratio	Lower	Upper
82	100		
128	17.4	39.5	59.3#
54	57.7	30.3	45.5#



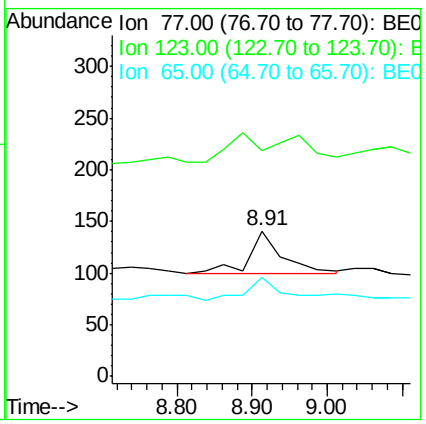


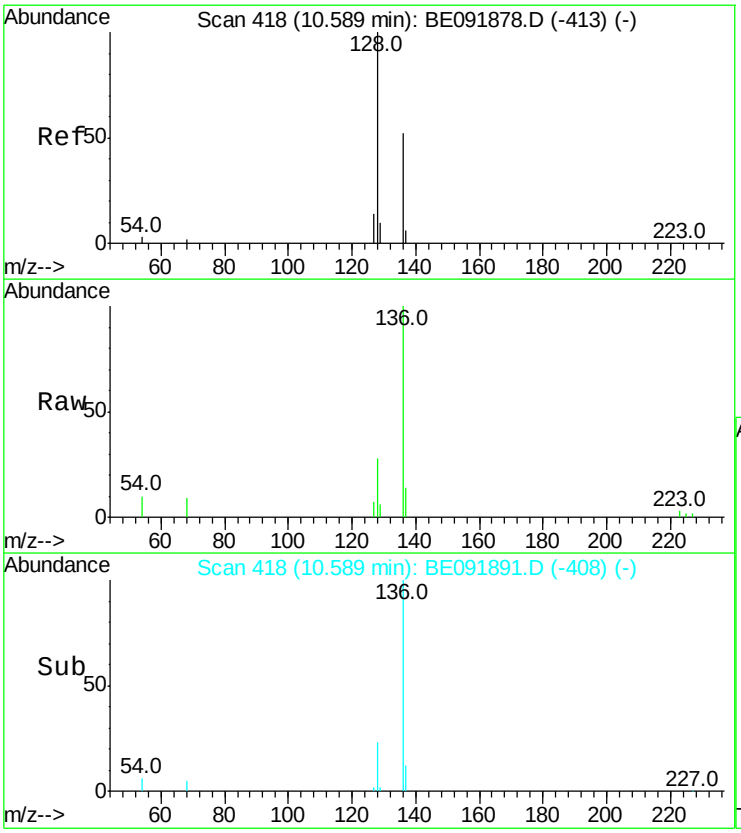
#10
Nitrobenzene
Concen: 0.06 ng
RT: 8.91 min Scan# 347
Delta R.T. -0.05 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 125

Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	72.8	11.1	16.7#

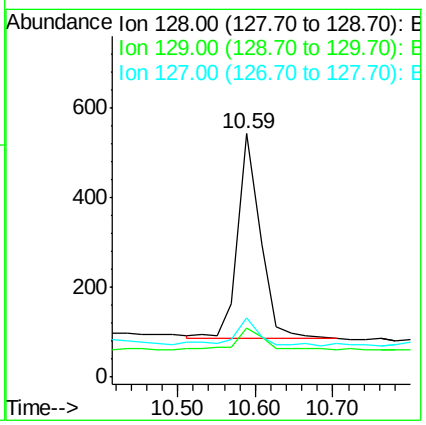


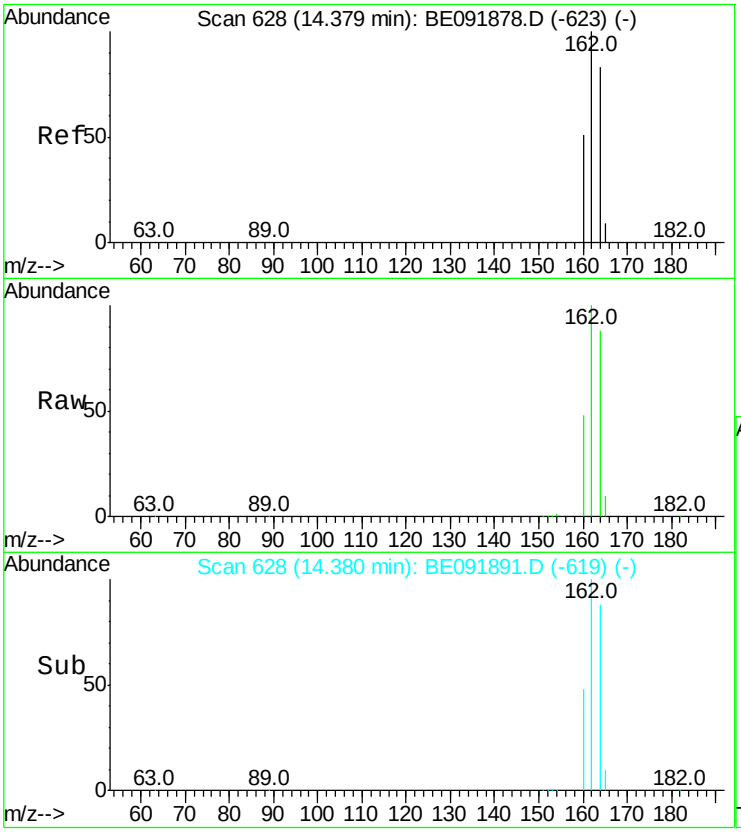


#12
Naphthalene
Concen: 0.03 ng
RT: 10.59 min Scan# 418
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:128 Resp: 930

Ion	Ratio	Lower	Upper
128	100		
129	20.3	10.4	15.6#
127	24.4	10.2	15.2#



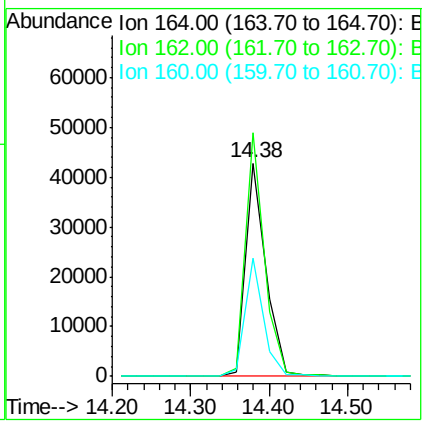


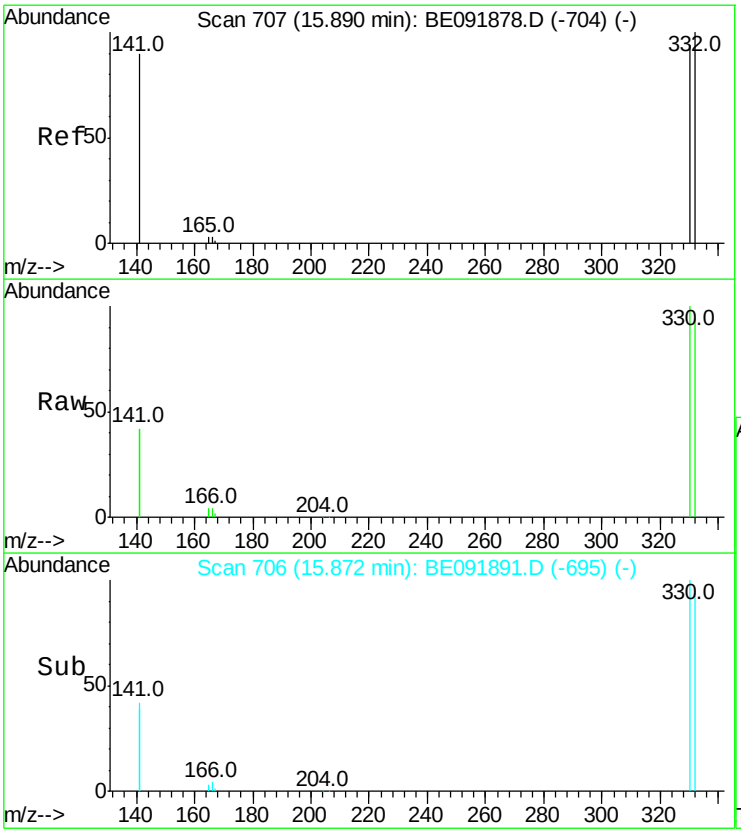
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 628
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 76732

Ion	Ratio	Lower	Upper
164	100		
162	114.2	71.8	107.8#
160	55.1	28.0	42.0#

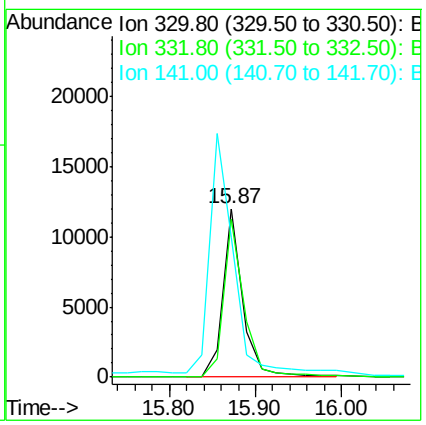


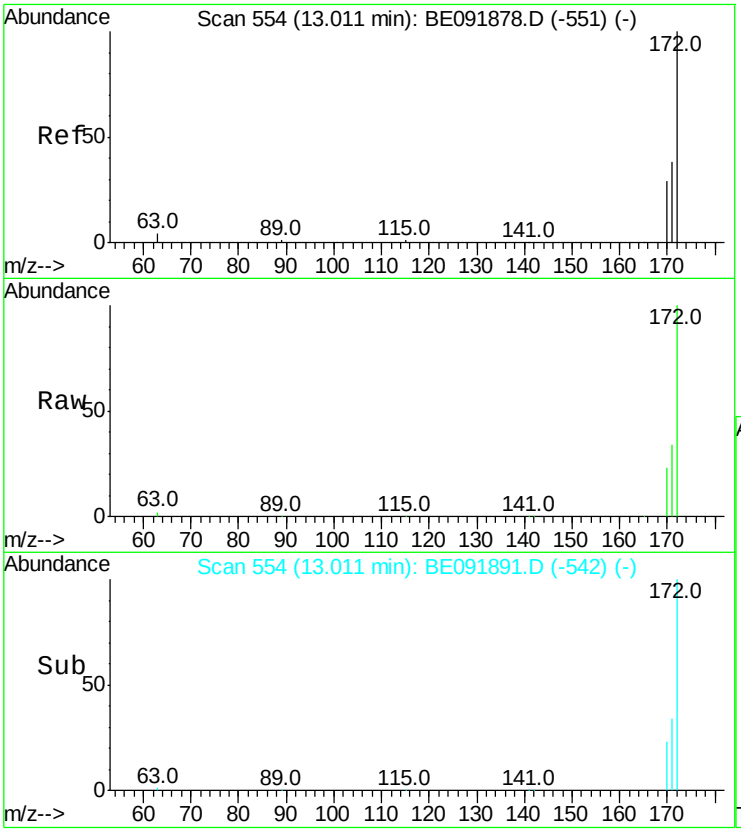


#16
2,4,6-Tribromophenol
Concen: 8.68 ng
RT: 15.87 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:330 Resp: 18984

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	167.6	138.4	207.6



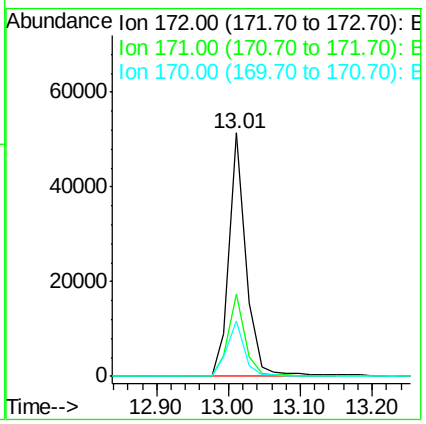


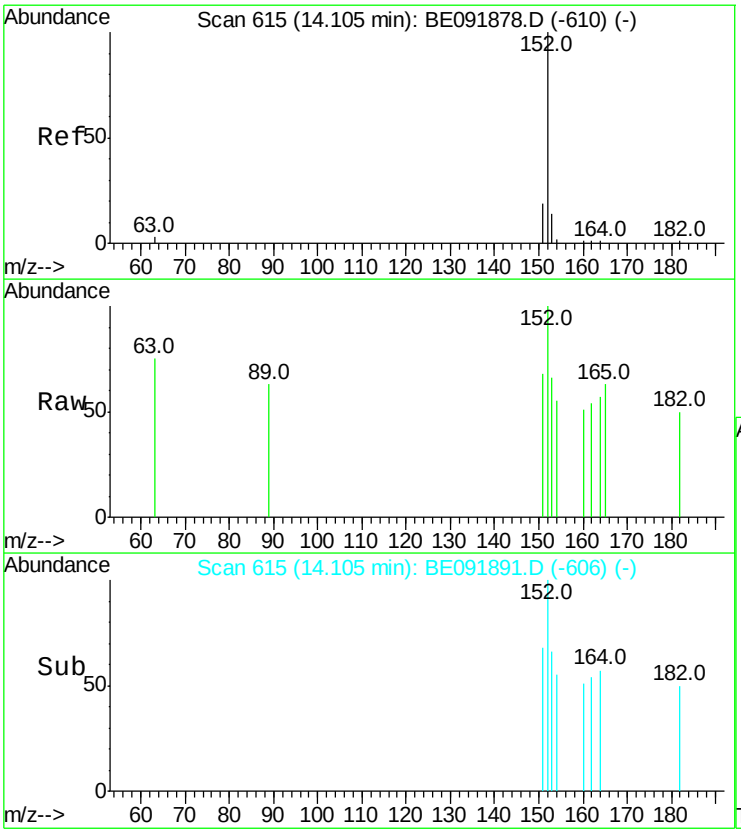
#17
2-Fluorobiphenyl
Concen: 3.60 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 83873

Ion	Ratio	Lower	Upper
172	100		
171	34.0	24.3	36.5
170	22.8	14.9	22.3#

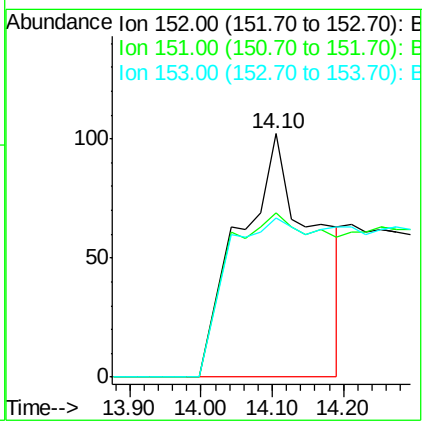


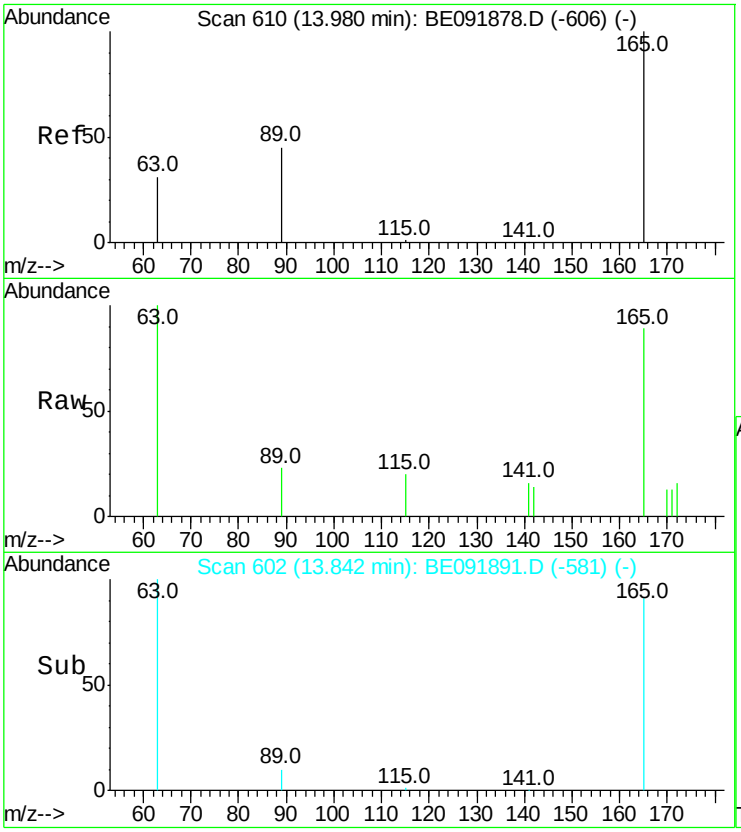


#18
Acenaphthylene
Concen: 0.02 ng
RT: 14.10 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:152 Resp: 771

Ion	Ratio	Lower	Upper
152	100		
151	89.6	19.4	29.2#
153	68.7	14.4	21.6#



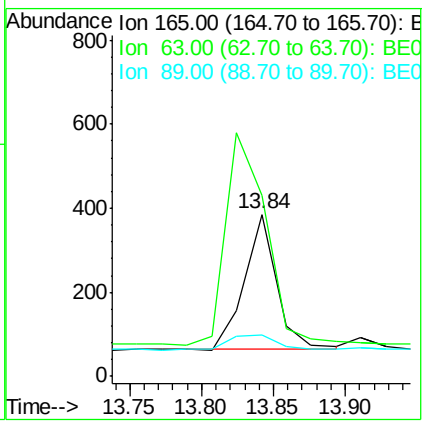


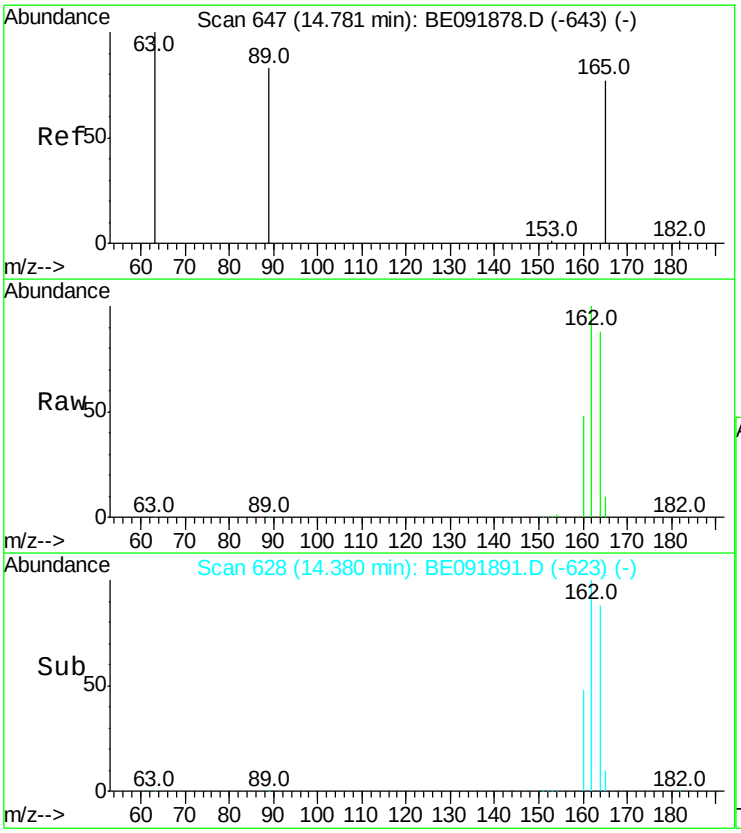
#19
2,6-Dinitrotoluene
Concen: 0.24 ng
RT: 13.84 min Scan# 602
Delta R.T. -0.14 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 507

Ion	Ratio	Lower	Upper
165	100		
63	194.1	65.9	98.9#
89	17.8	59.1	88.7#

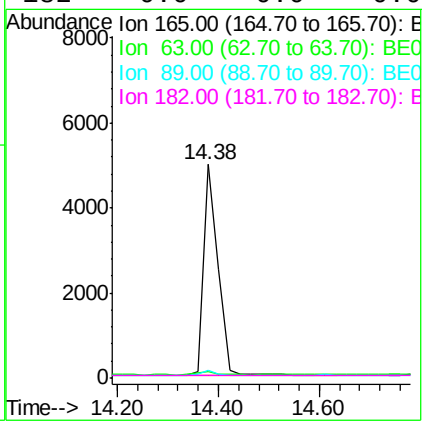


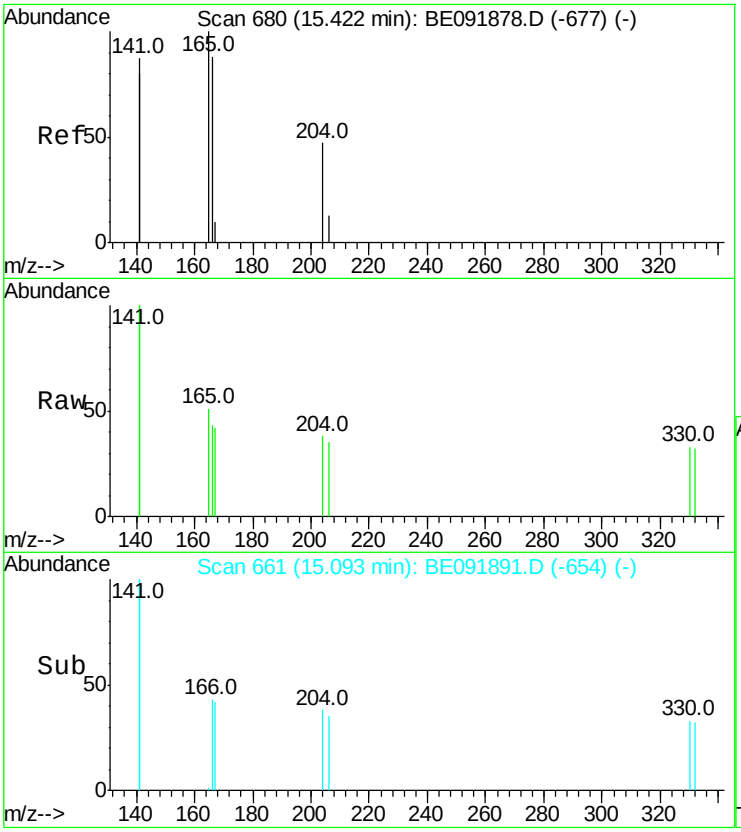


#21
2,4-Dinitrotoluene
Concen: 1.77 ng
RT: 14.38 min Scan# 628
Delta R.T. -0.40 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:165 Resp: 9880

Ion	Ratio	Lower	Upper
165	100		
63	1.8	0.0	0.0#
89	2.0	99.8	149.8#
182	0.0	0.0	0.0



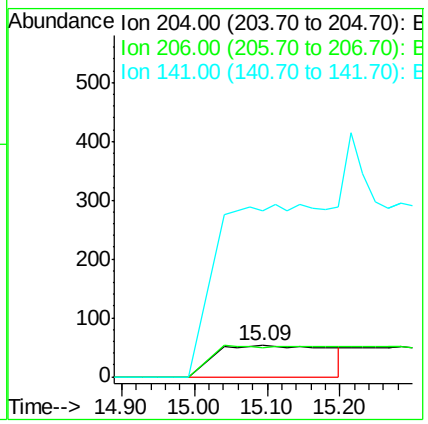


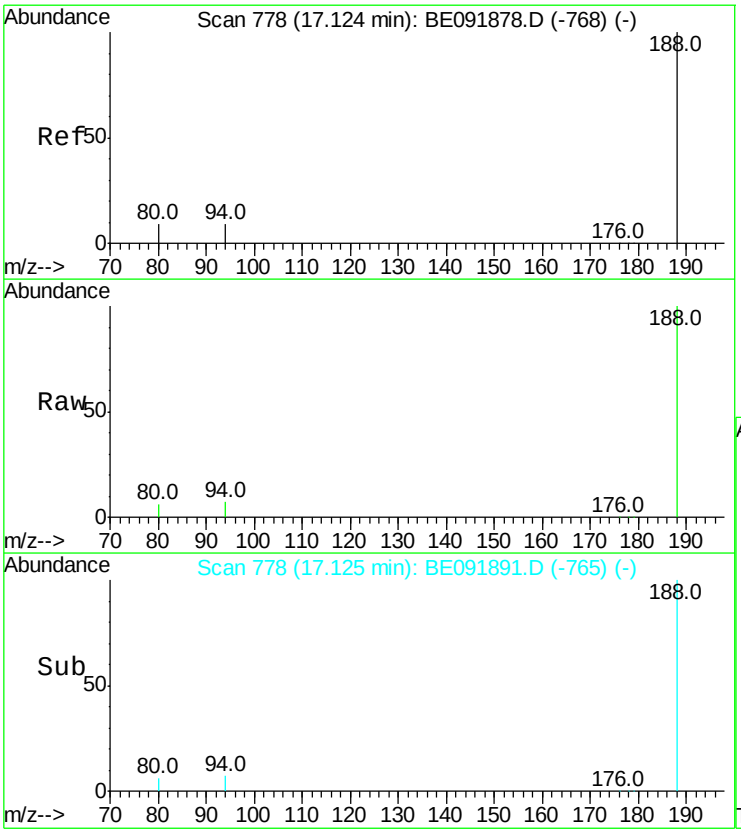
#23
4-Chlorophenyl-phenylether
Concen: 0.05 ng
RT: 15.09 min Scan# 661
Delta R.T. -0.33 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:204 Resp: 619

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.8	41.6#
141	373.8	197.6	296.4#

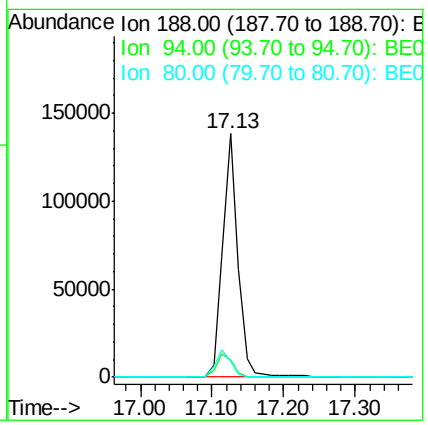


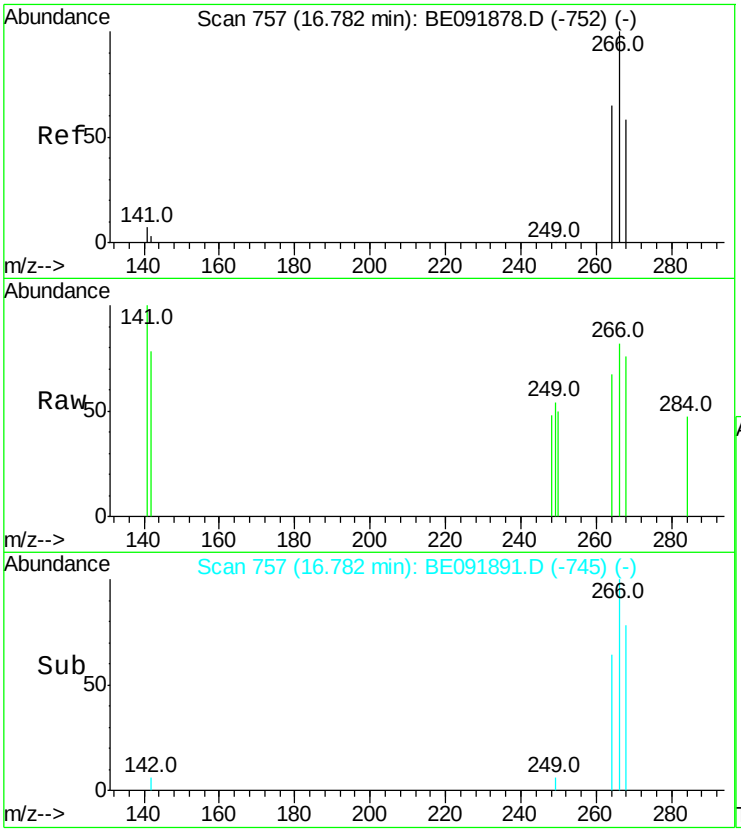


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 778
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:188 Resp: 204558

Ion	Ratio	Lower	Upper
188	100		
94	6.9	4.1	6.1#
80	6.2	3.4	5.2#



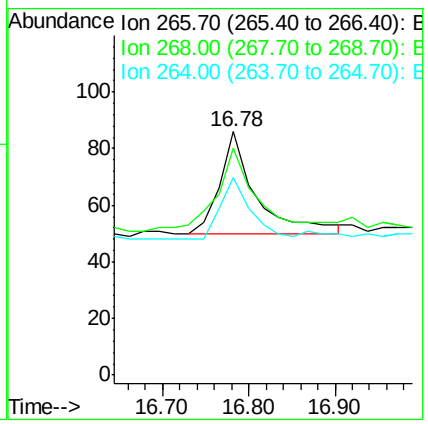


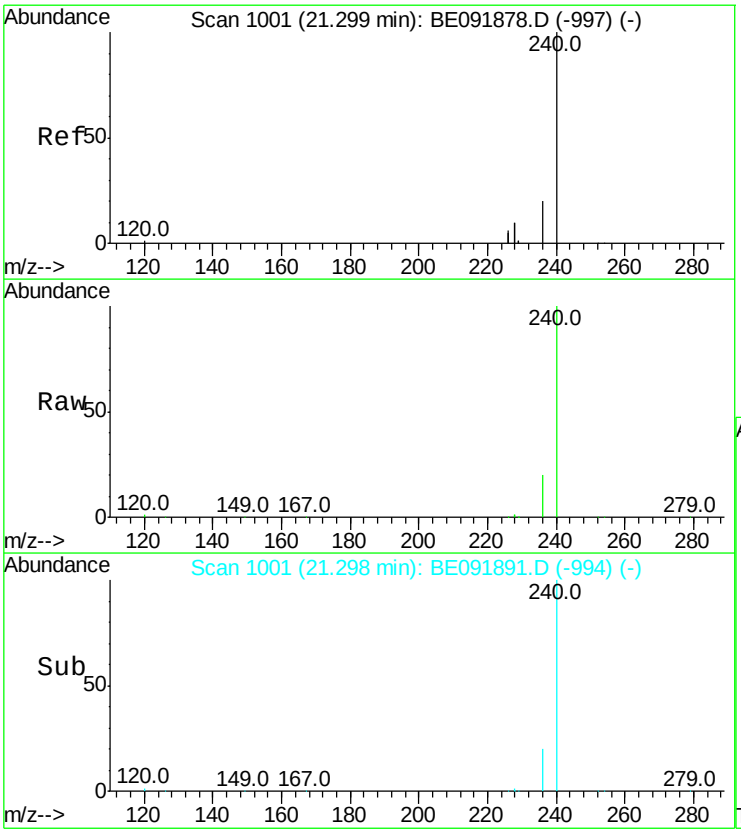
#27
Pentachlorophenol
Concen: 0.08 ng
RT: 16.78 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 106

Ion	Ratio	Lower	Upper
266	100		
268	93.0	60.5	90.7#
264	81.4	51.0	76.4#

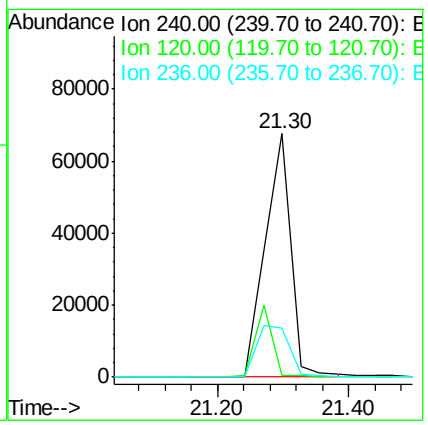


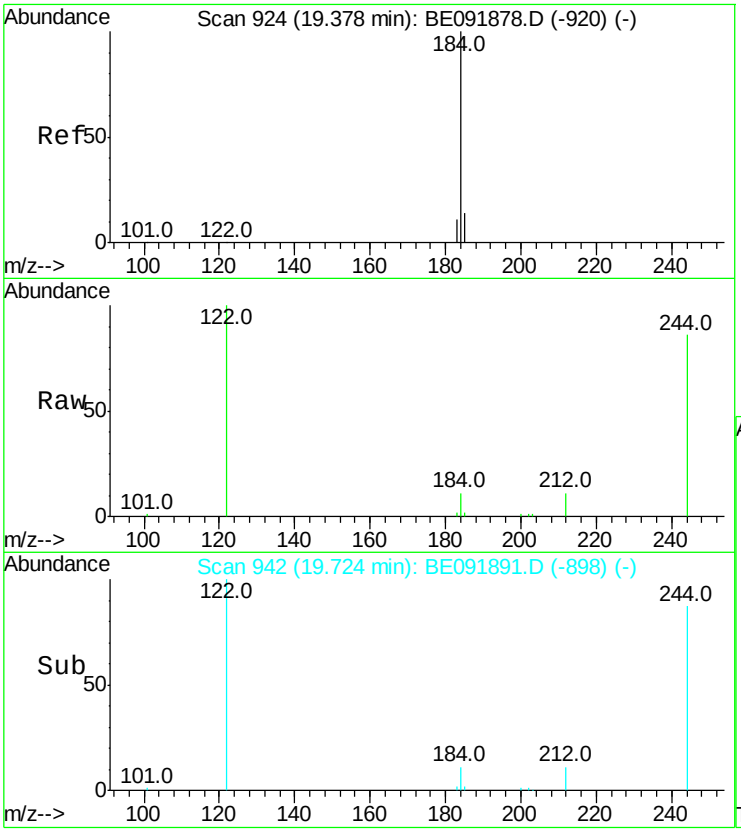


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.30 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:240 Resp: 183526

Ion	Ratio	Lower	Upper
240	100		
120	0.9	1.2	1.8#
236	20.2	19.8	29.8



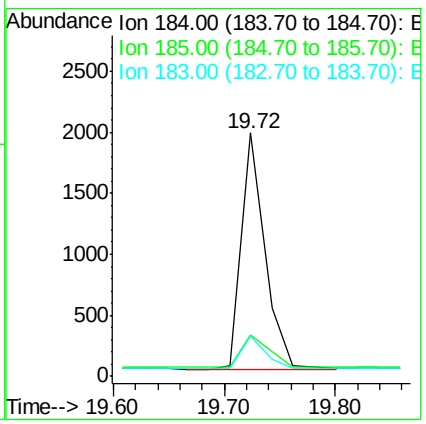


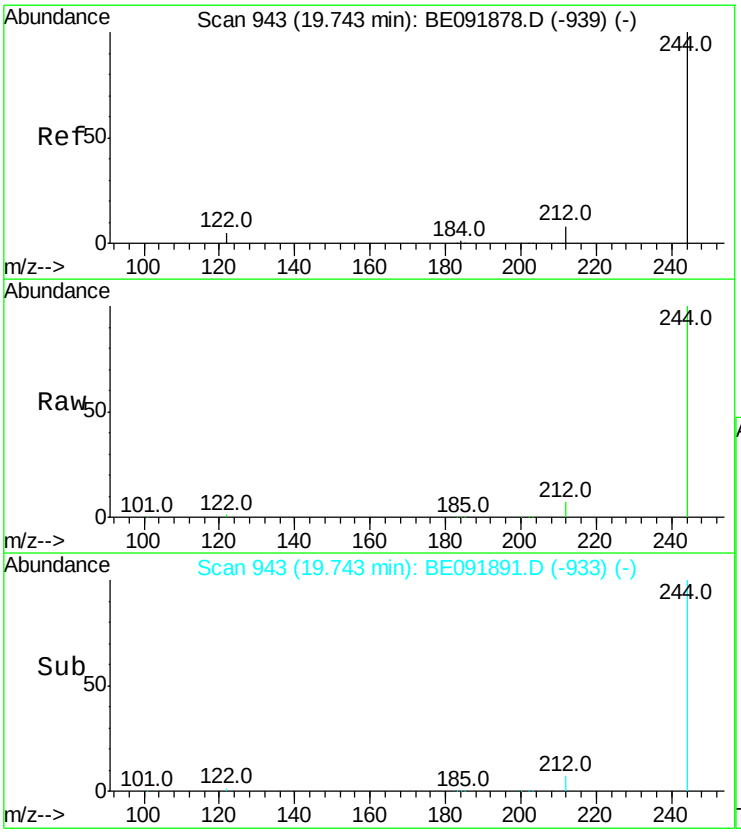
#32
Benzidine
Concen: 0.29 ng
RT: 19.72 min Scan# 942
Delta R.T. 0.35 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 2889

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.4	17.2
183	16.7	11.8	17.6

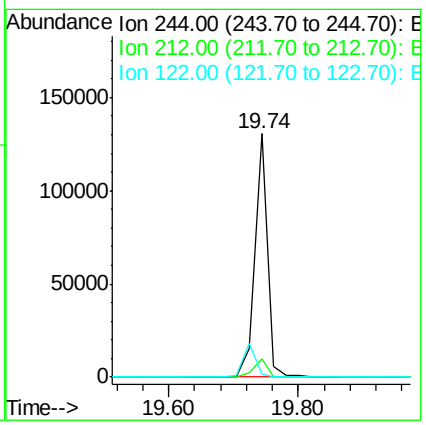


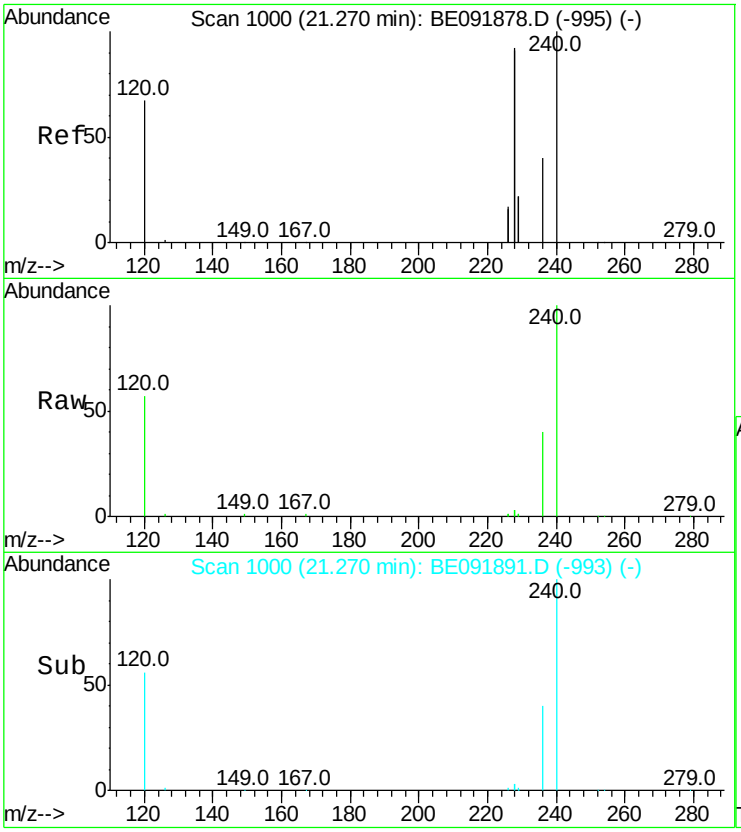


#34
Terphenyl-d14
Concen: -5.00 ng
RT: 19.74 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:244 Resp: 177851

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	1.3	2.9	4.3#



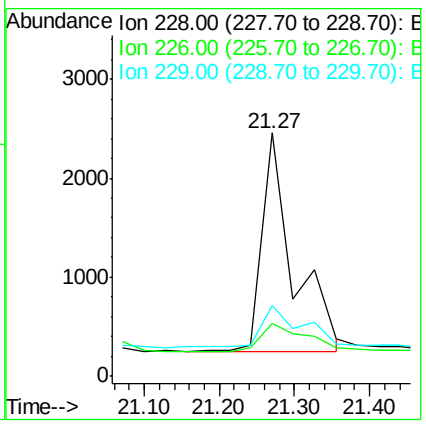


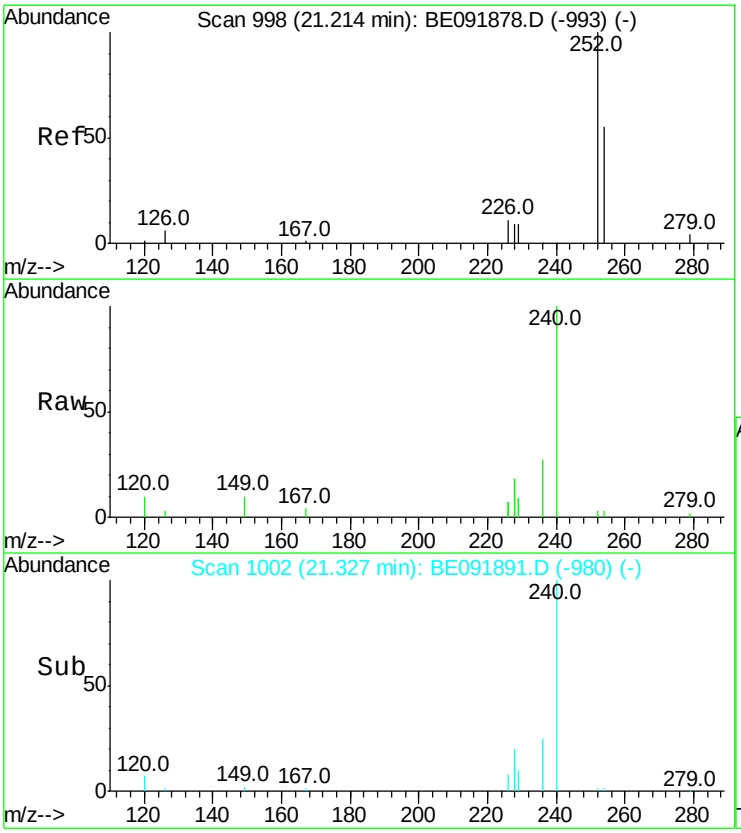
#35
Benzo(a)anthracene
Concen: Below Cal
RT: 21.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6374

Ion	Ratio	Lower	Upper
228	100		
226	21.7	21.0	31.4
229	29.1	15.8	23.8#

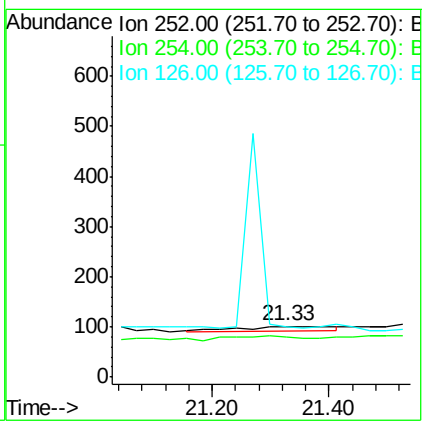


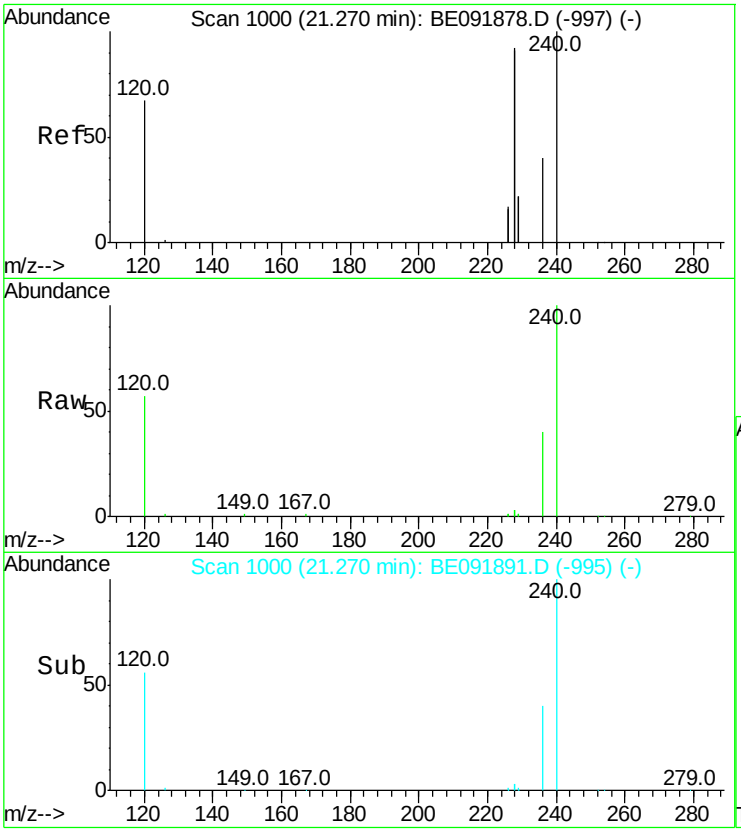


#36
3,3'-Dichlorobenzidine
Concen: 0.11 ng
RT: 21.33 min Scan# 1002
Delta R.T. 0.11 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:252 Resp: 99

Ion	Ratio	Lower	Upper
252	100		
254	80.0	61.5	92.3
126	101.0	2.5	3.7#



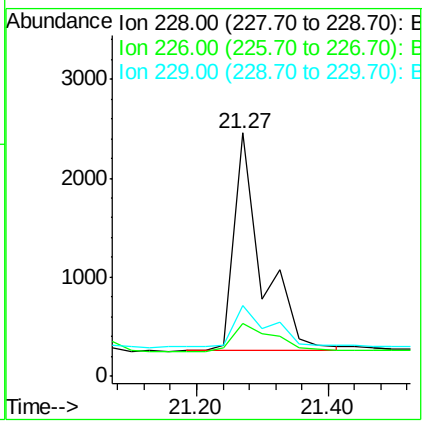


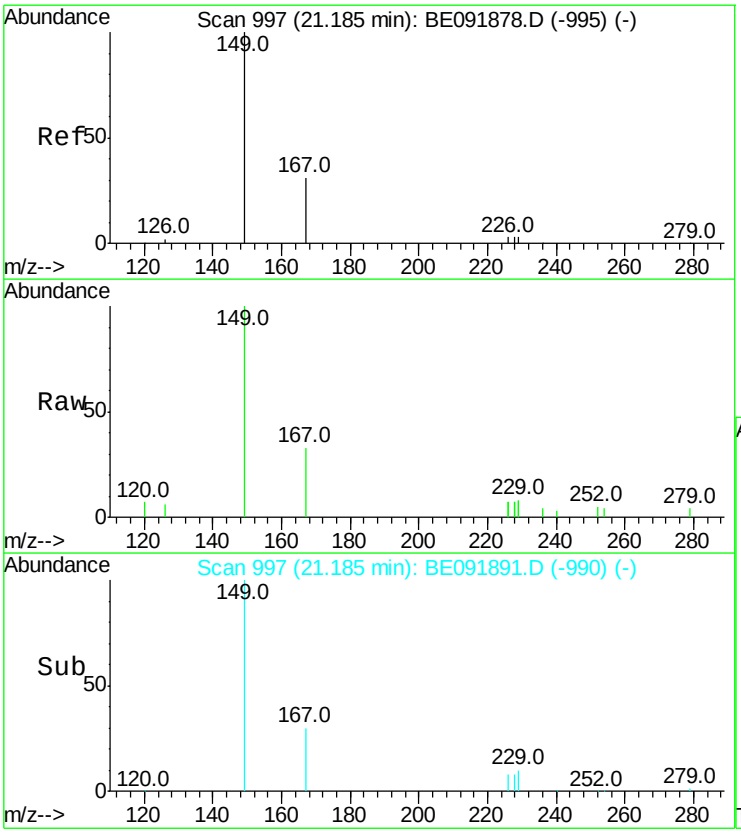
#37
Chrysene
Concen: 0.03 ng
RT: 21.27 min Scan# 1000
Delta R.T. -0.06 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6514

Ion	Ratio	Lower	Upper
228	100		
226	21.7	27.0	40.6#
229	29.1	13.8	20.8#

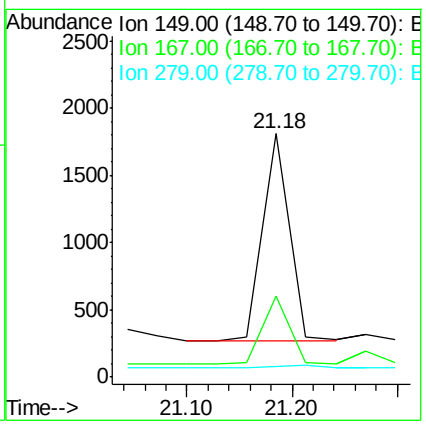


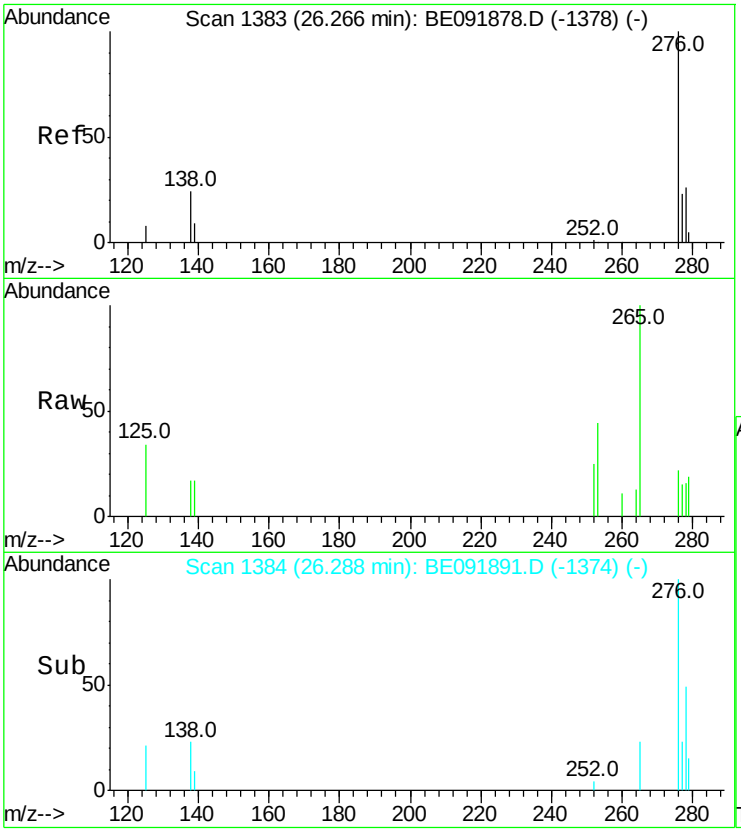


#38
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.18 min Scan# 997
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:149 Resp: 2761

Ion	Ratio	Lower	Upper
149	100		
167	31.9	0.0	0.0#
279	0.0	0.0	0.0



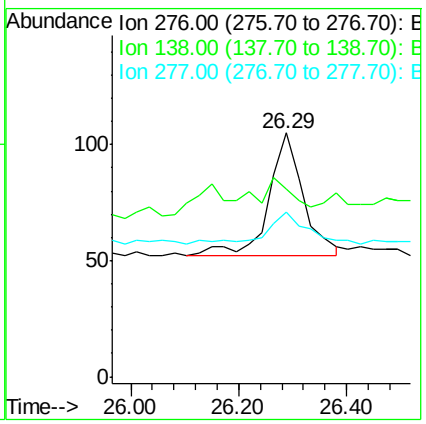


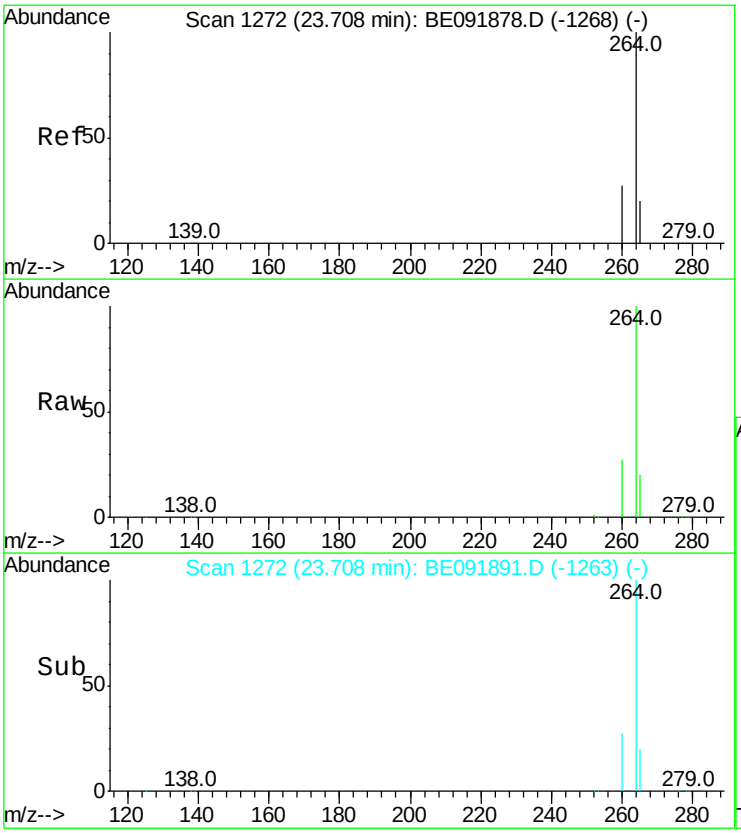
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 26.29 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 238

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.7	29.5#
277	31.5	20.1	30.1#





#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BE091891.D
Acq: 8 Jun 2016 00:42

Tgt Ion:264 Resp: 238665

Ion	Ratio	Lower	Upper
264	100		
260	27.1	20.3	30.5
265	20.4	17.6	26.4