Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
Data File : BE091743.D
Acq On : 3 May 2016 14:52
Operator : UM/SJ
Sample : PB90269BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90269BL

Quant Time: May 04 01:03:57 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	39447	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	181931	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	104107	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	272750	5.00	ng	0.00
26) Chrysene-d12	21.31	240	284536	5.00	ng	0.00
35) Perylene-d12	23.74	264	309574	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	63766	6.58	ng	0.00
5) Phenol-d6	6.96	99	86781	6.75	ng	0.00
8) Nitrobenzene-d5	8.95	82	35591	3.03	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22355	5.81	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	110933	3.77	ng	0.00
29) Terphenyl-d14	19.76	244	181735	4.10	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.83	266	90	0.11	ng	# 75
27) Benzidine	19.42	184	95	0.17	ng	# 1
33) Bis(2-ethylhexyl)phthalate	21.20	149	469	0.02	ng	# 83

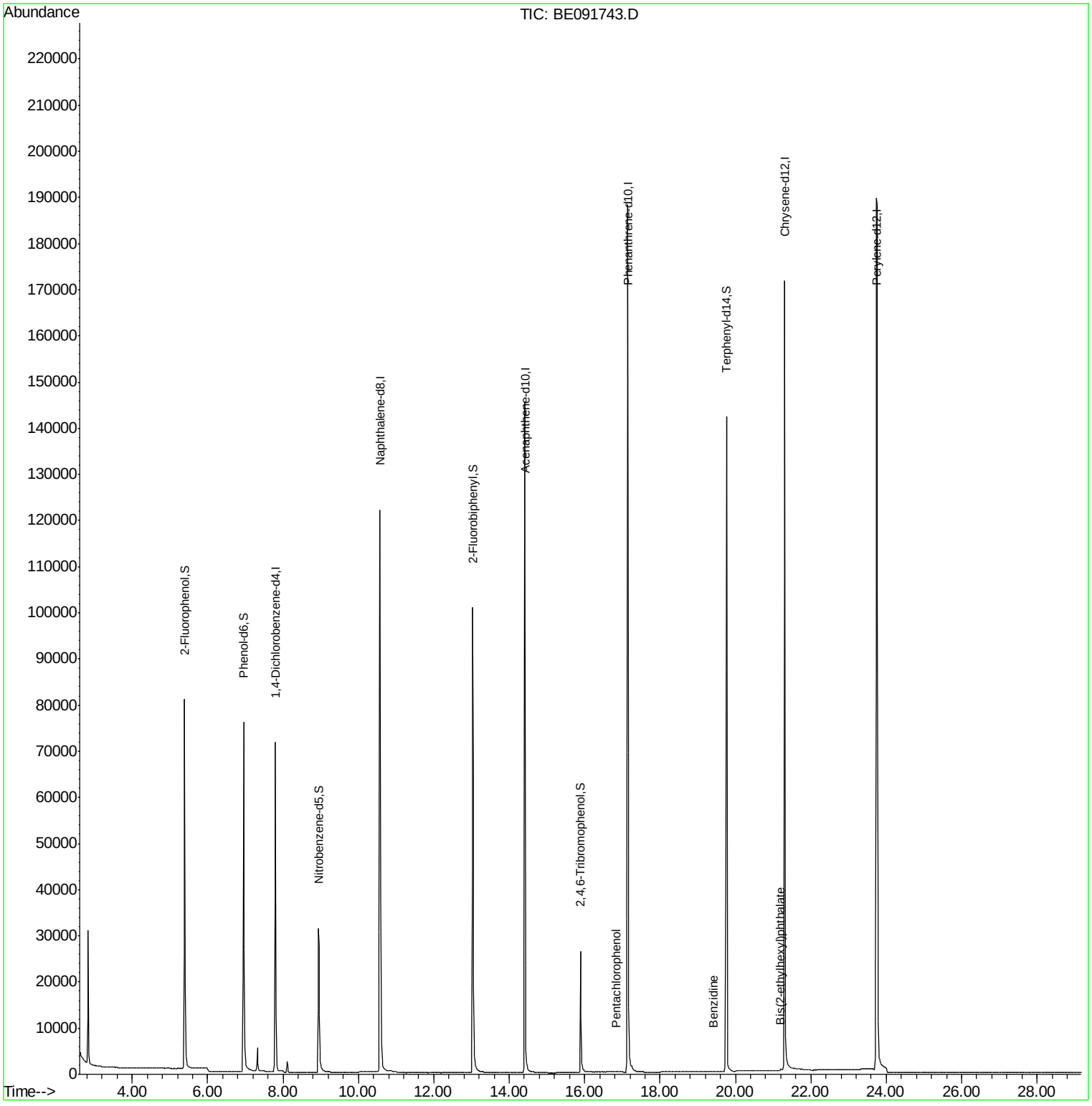
(#) = qualifier out of range (m) = manual integration (+) = signals summed

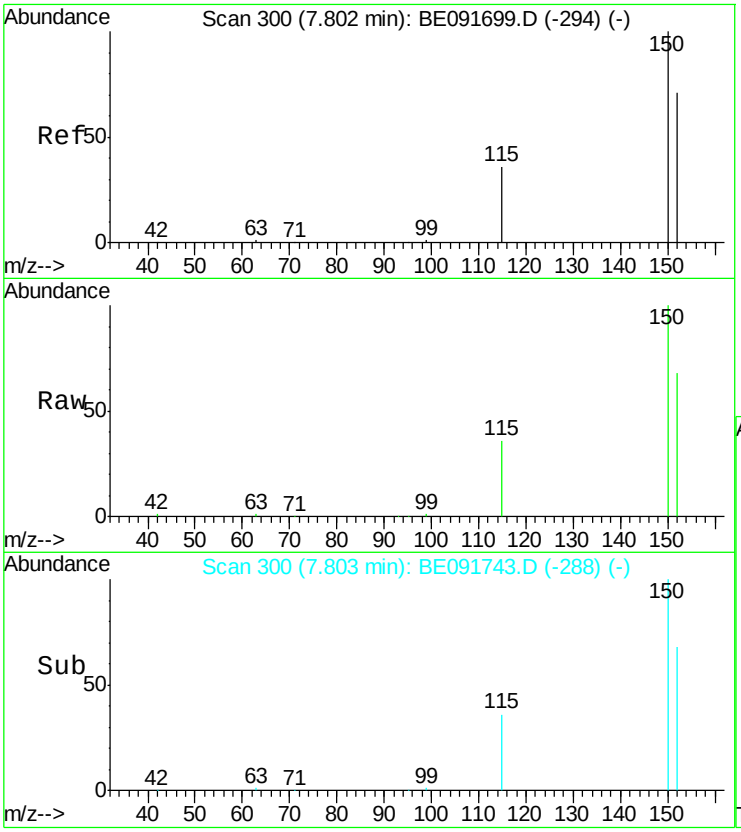
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050316\
Data File : BE091743.D
Acq On : 3 May 2016 14:52
Operator : UM/SJ
Sample : PB90269BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Quant Time: May 04 01:03:57 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



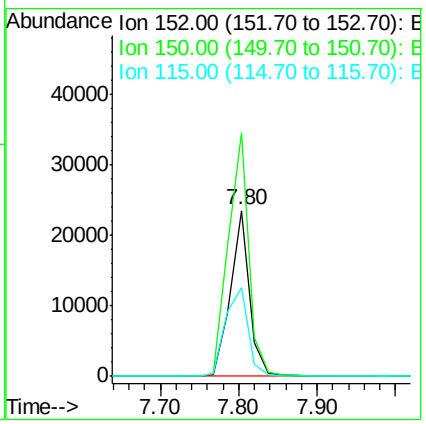


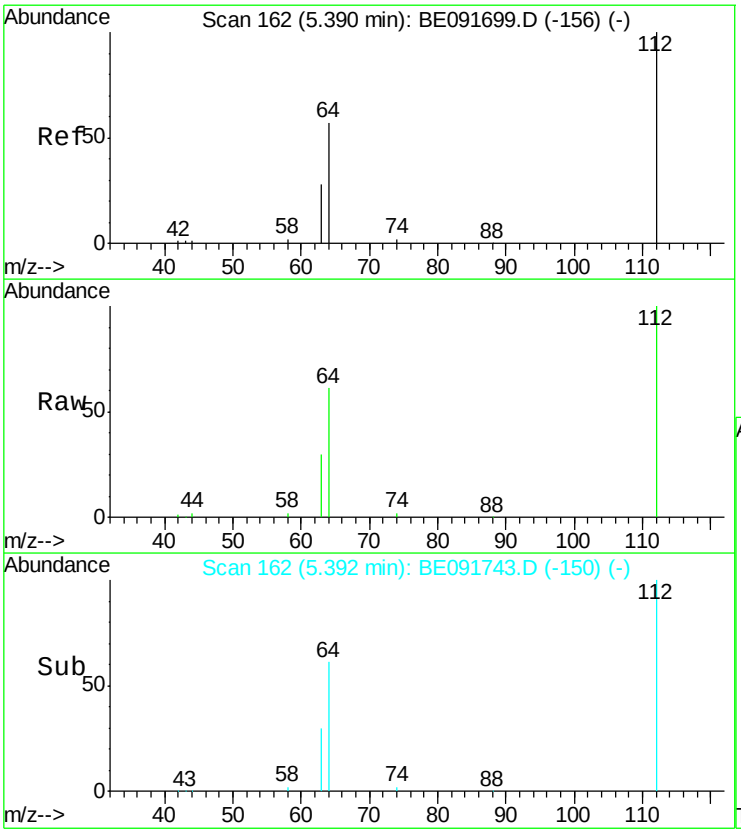
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:152 Resp: 39447

Ion	Ratio	Lower	Upper
152	100		
150	146.5	122.6	183.8
115	53.4	52.8	79.2

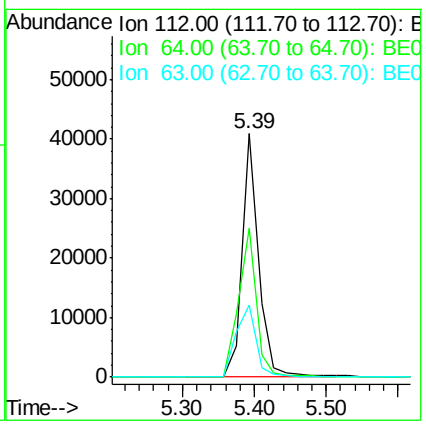


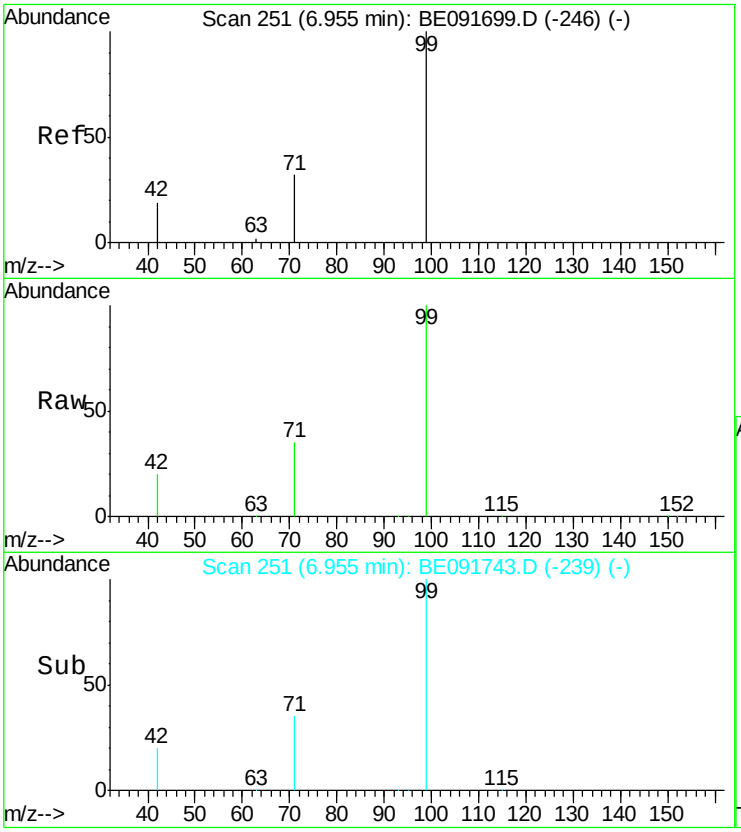


#4
2-Fluorophenol
Concen: 6.58 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:112 Resp: 63766

Ion	Ratio	Lower	Upper
112	100		
64	66.6	30.9	46.3#
63	36.0	16.7	25.1#



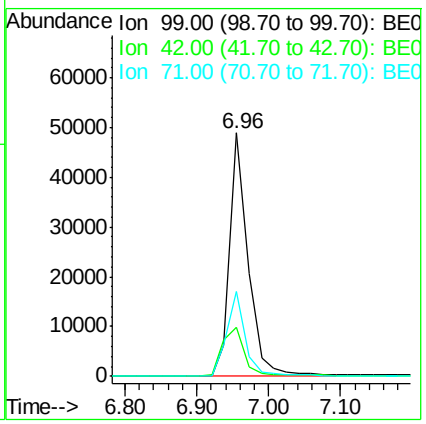


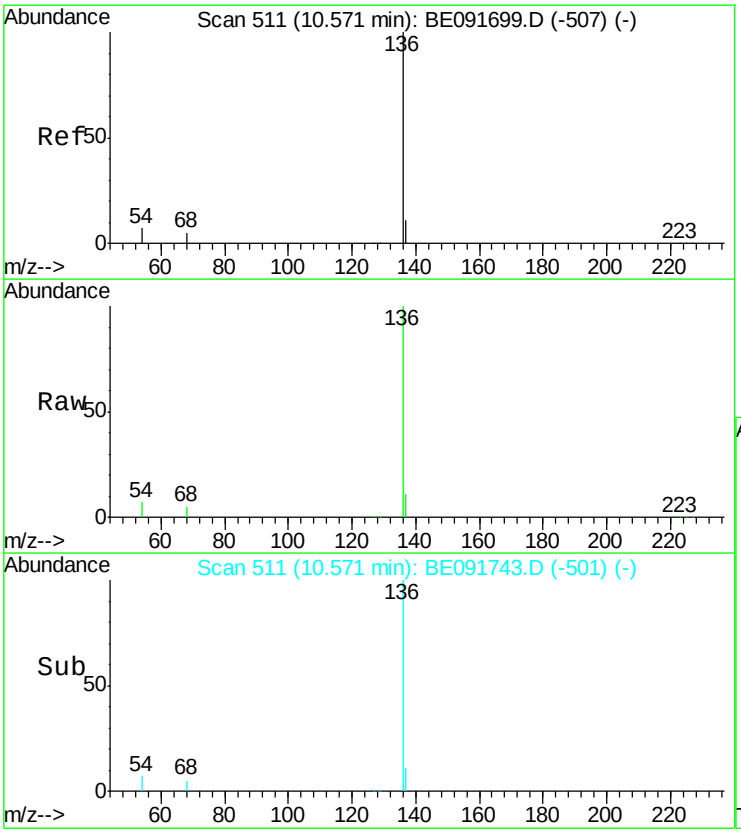
#5
Phenol-d6
Concen: 6.75 ng
RT: 6.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion: 99 Resp: 86781

Ion	Ratio	Lower	Upper
99	100		
42	24.6	16.2	24.2#
71	35.0	29.0	43.4

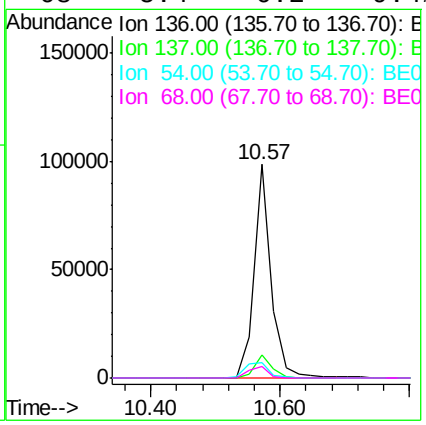


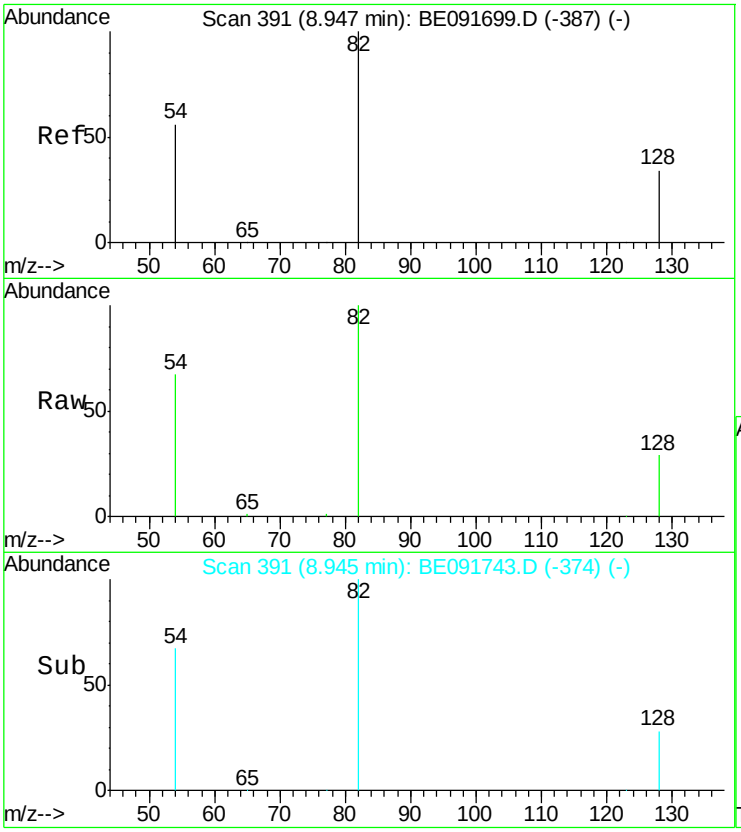


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:136 Resp: 181931

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	8.2	12.4#
68	5.4	6.2	9.4#



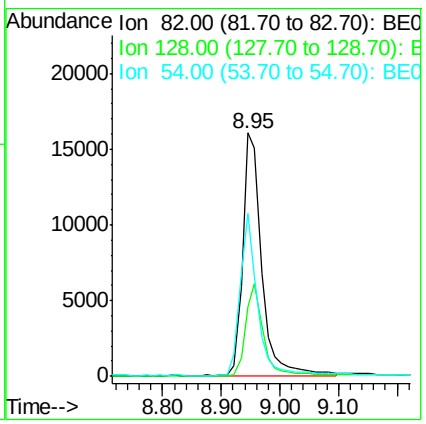


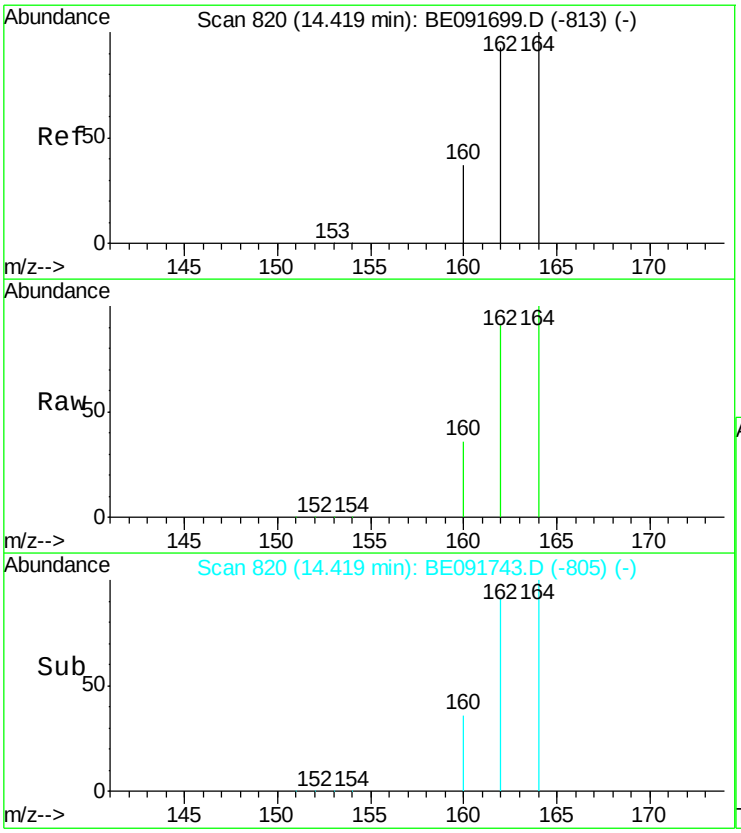
#8
Nitrobenzene-d5
Concen: 3.03 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion: 82 Resp: 35591

Ion	Ratio	Lower	Upper
82	100		
128	28.5	25.4	38.0
54	67.0	48.4	72.6

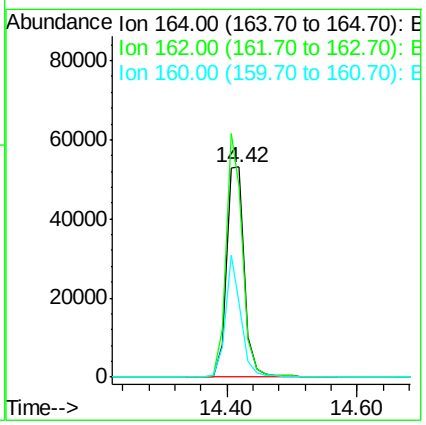


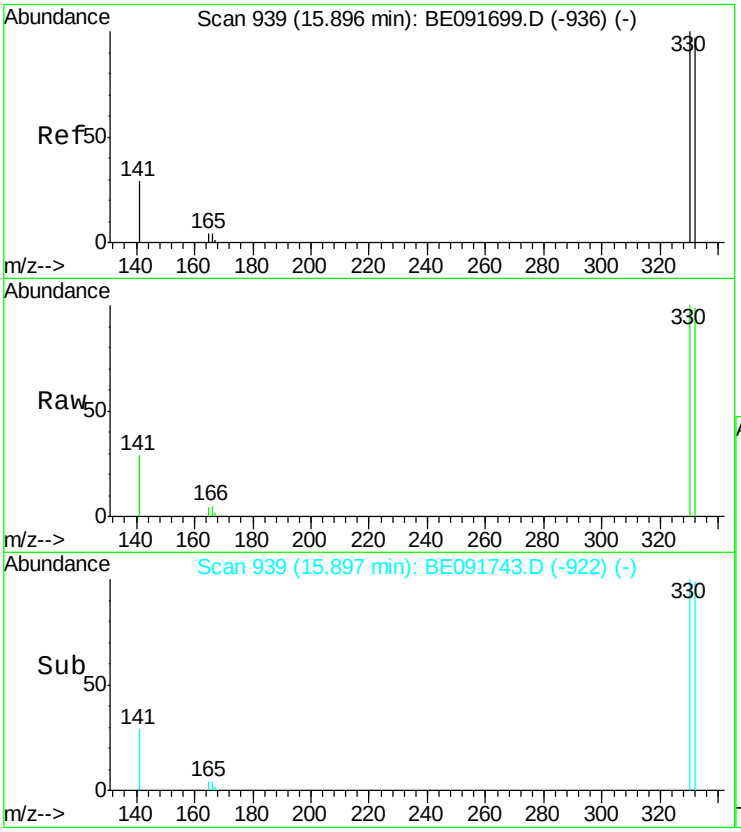


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:164 Resp: 104107

Ion	Ratio	Lower	Upper
164	100		
162	90.9	85.3	127.9
160	35.8	46.2	69.2#



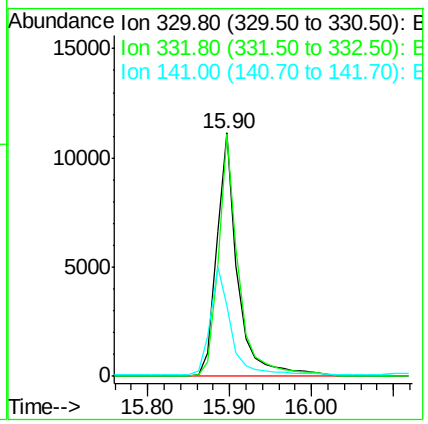


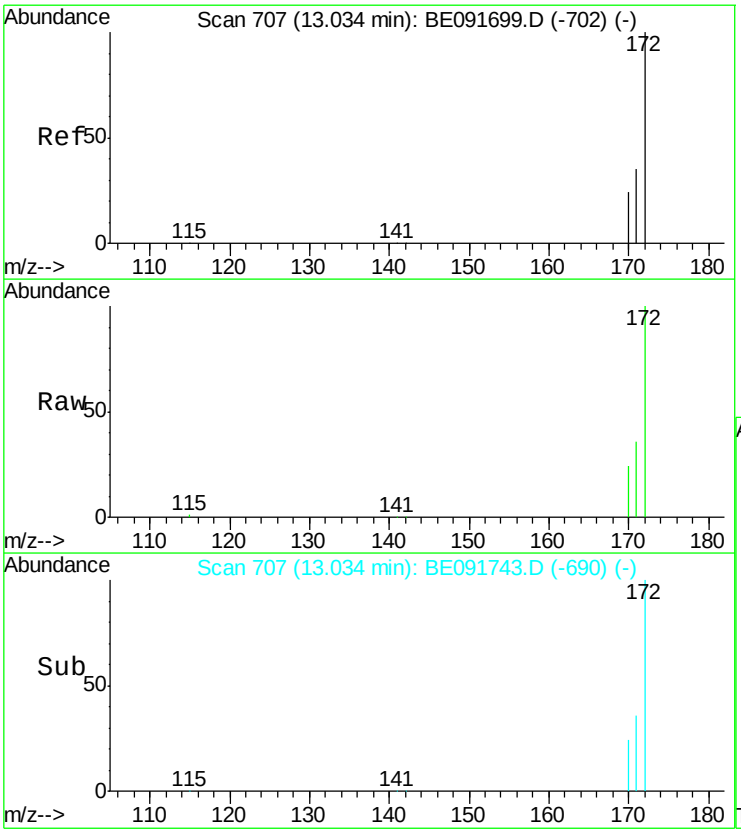
#14
2,4,6-Tribromophenol
Concen: 5.81 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:330 Resp: 22355

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	43.6	125.4	188.0#

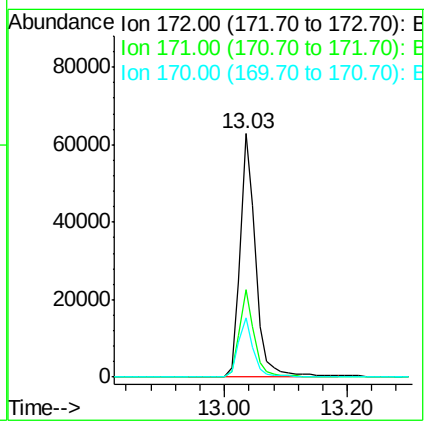


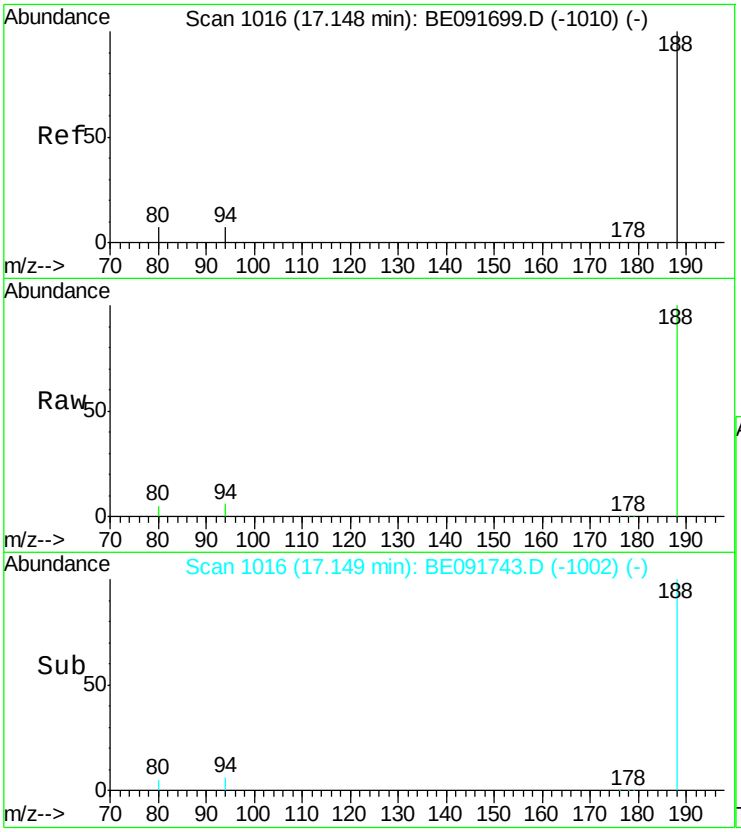


#15
2-Fluorobiphenyl
Concen: 3.77 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:172 Resp: 110933

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	24.4	19.3	28.9



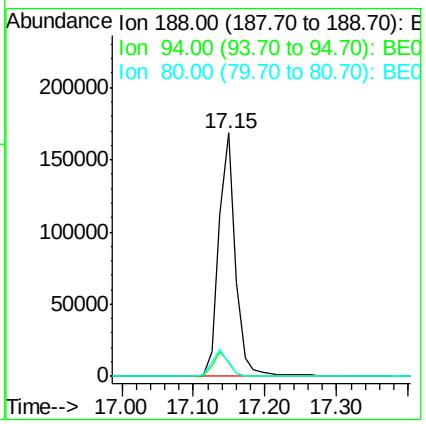


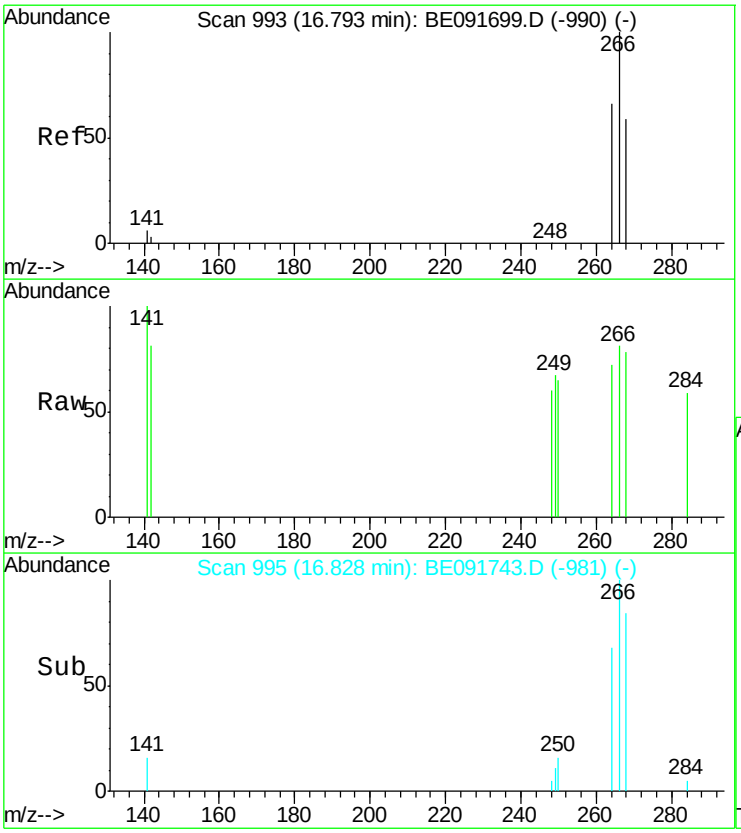
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:188 Resp: 272750

Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	5.4	9.4	14.0#

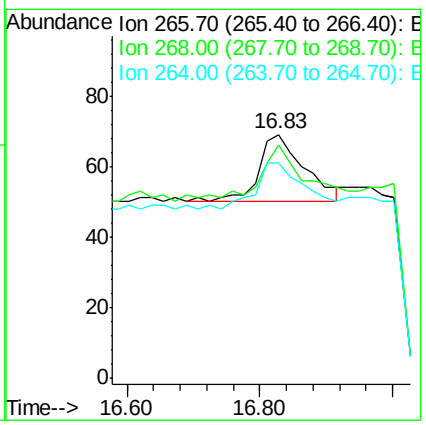


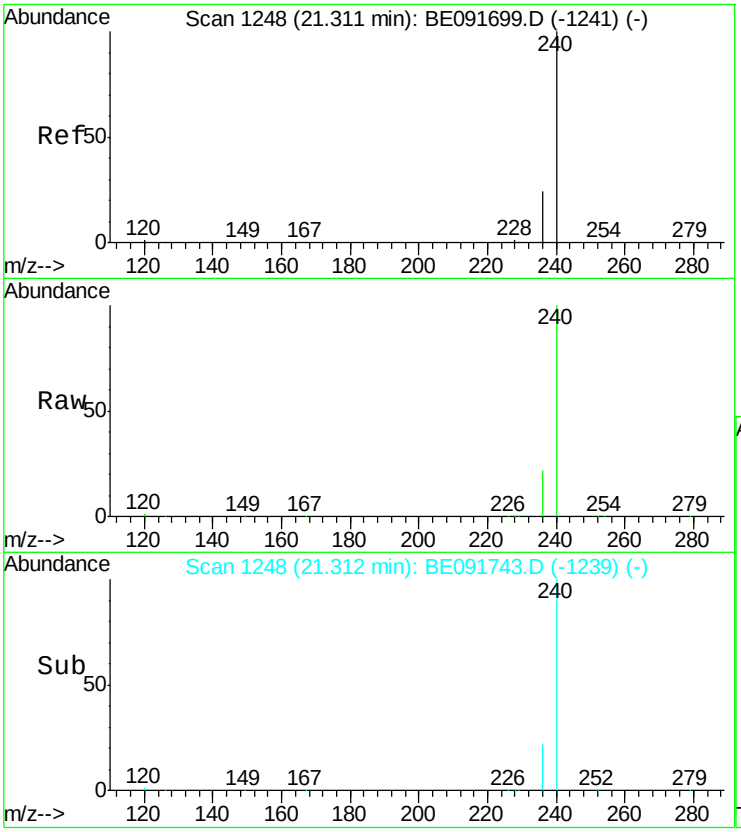


#22
Pentachlorophenol
Concen: 0.11 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.04 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:266 Resp: 90

Ion	Ratio	Lower	Upper
266	100		
268	95.7	58.2	87.2#
264	88.4	56.2	84.4#



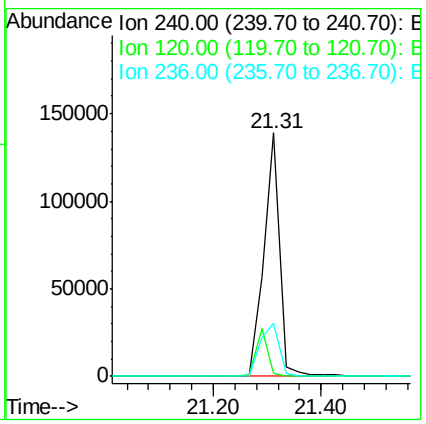


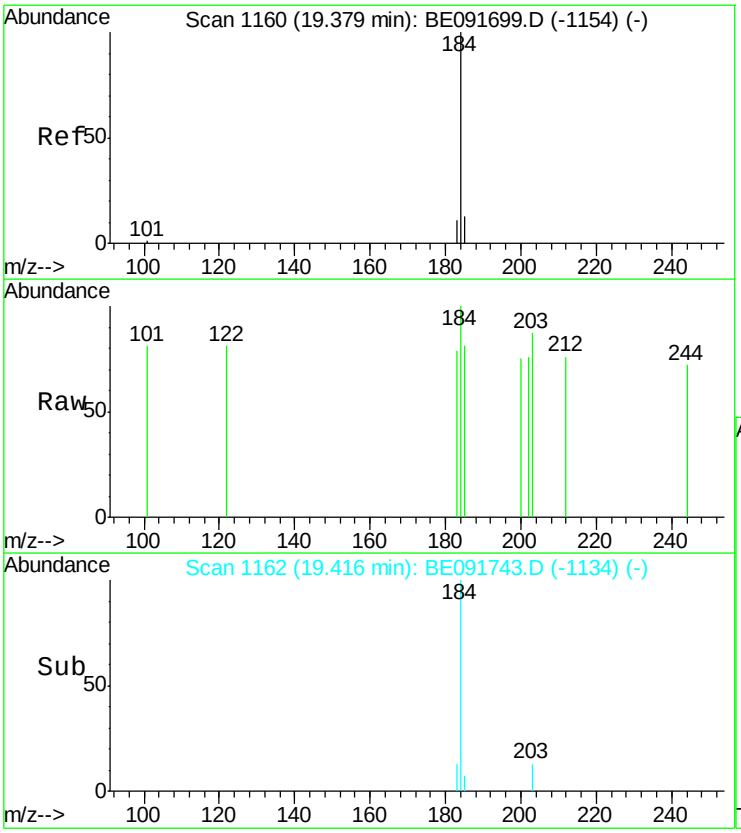
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:240 Resp: 284536

Ion	Ratio	Lower	Upper
240	100		
120	1.0	11.0	16.4#
236	21.9	21.7	32.5

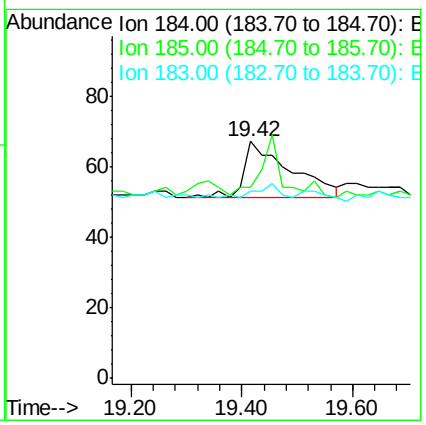


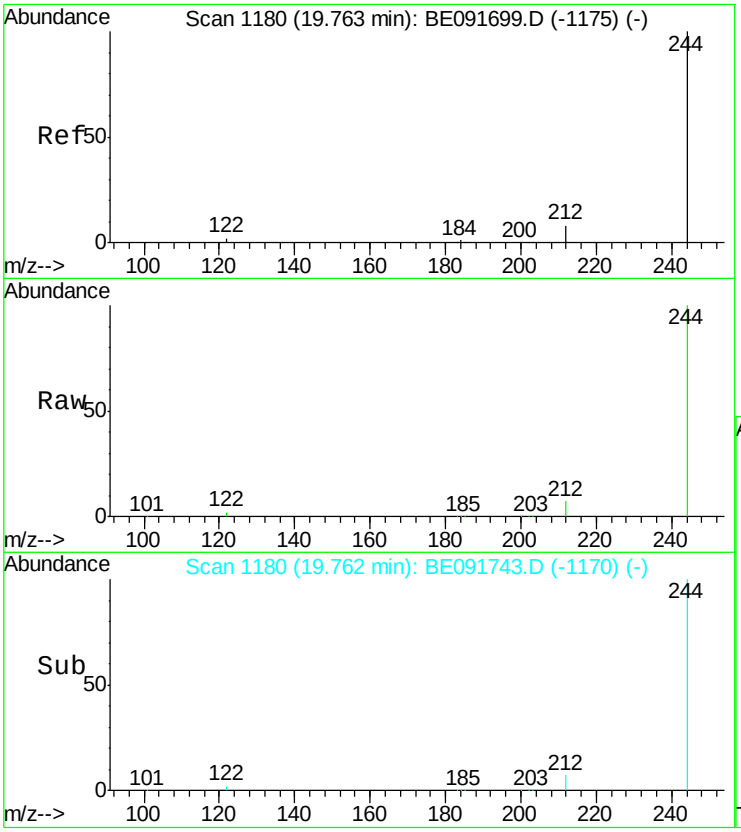


#27
Benzidine
Concen: 0.17 ng
RT: 19.42 min Scan# 1162
Delta R.T. 0.04 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:184 Resp: 95

Ion	Ratio	Lower	Upper
184	100		
185	80.6	22.3	33.5#
183	79.1	16.4	24.6#



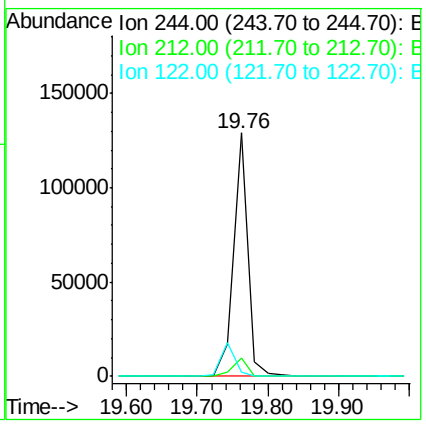


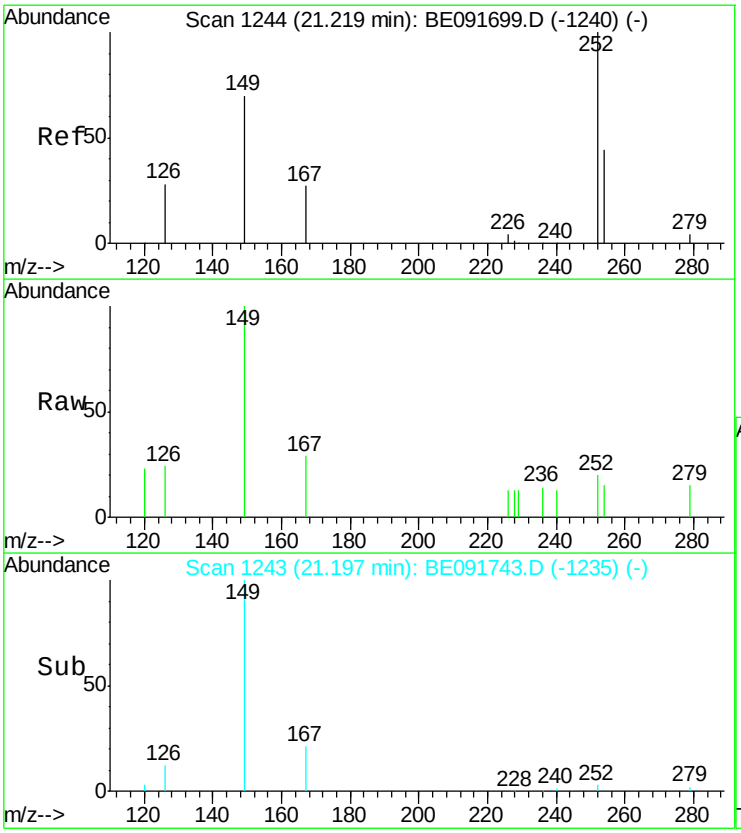
#29
Terphenyl-d14
Concen: 4.10 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:244 Resp: 181735

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.9	10.3
122	1.7	11.0	16.4#

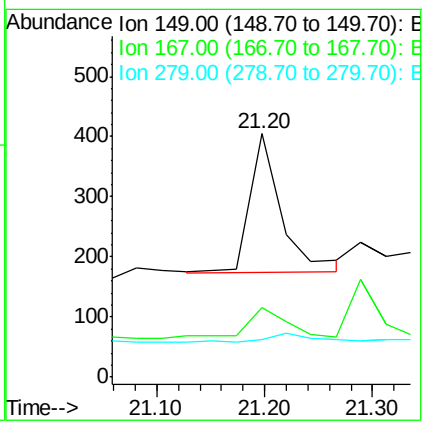


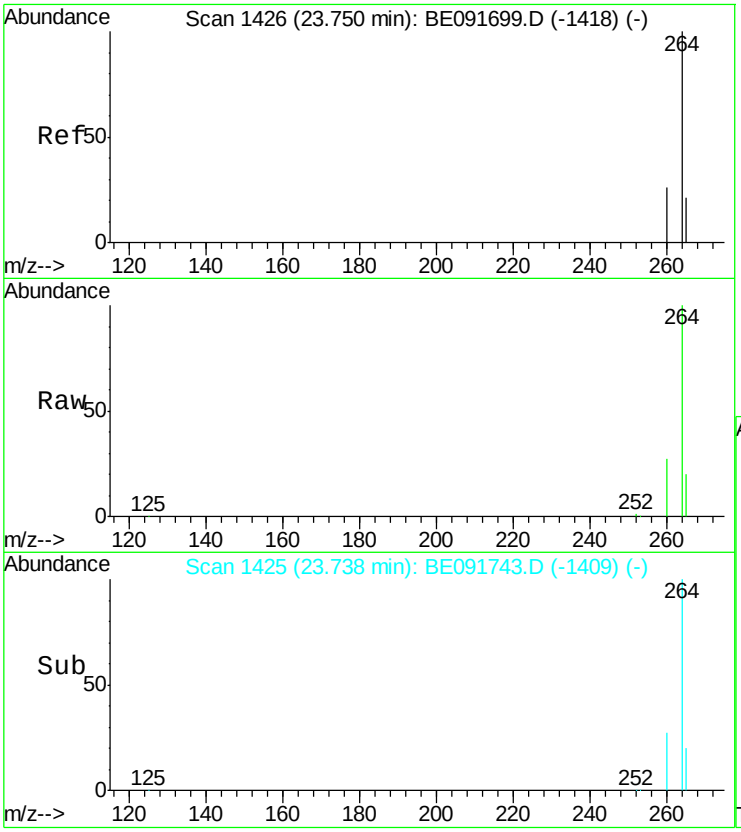


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Tgt Ion:149 Resp: 469

Ion	Ratio	Lower	Upper
149	100		
167	29.2	19.5	29.3
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091743.D
Acq: 3 May 2016 14:52

Instrument :
BNA_E
ClientSampleId :
PB90269BL

Tgt Ion:264 Resp: 309574

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.0	30.0
265	20.3	17.5	26.3