Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
Data File : BE091753.D
Acq On : 9 May 2016 12:06
Operator : UM/SJ
Sample : PB90335BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90335BL

Quant Time: May 10 00:56:48 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	38028	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	183397	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	114163	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	284684	5.00	ng	0.00
26) Chrysene-d12	21.31	240	309019	5.00	ng	0.00
35) Perylene-d12	23.75	264	301200	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	62107	6.65	ng	0.00
5) Phenol-d6	6.95	99	88038	7.11	ng	0.00
8) Nitrobenzene-d5	8.95	82	35337	2.99	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	18906	4.52	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	118130	3.66	ng	0.00
29) Terphenyl-d14	19.76	244	206982	4.30	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.81	266	77	0.11	ng	# 78
27) Benzidine	19.42	184	322	0.18	ng	# 12
33) Bis(2-ethylhexyl)phthalate	21.20	149	1035	0.05	ng	# 67

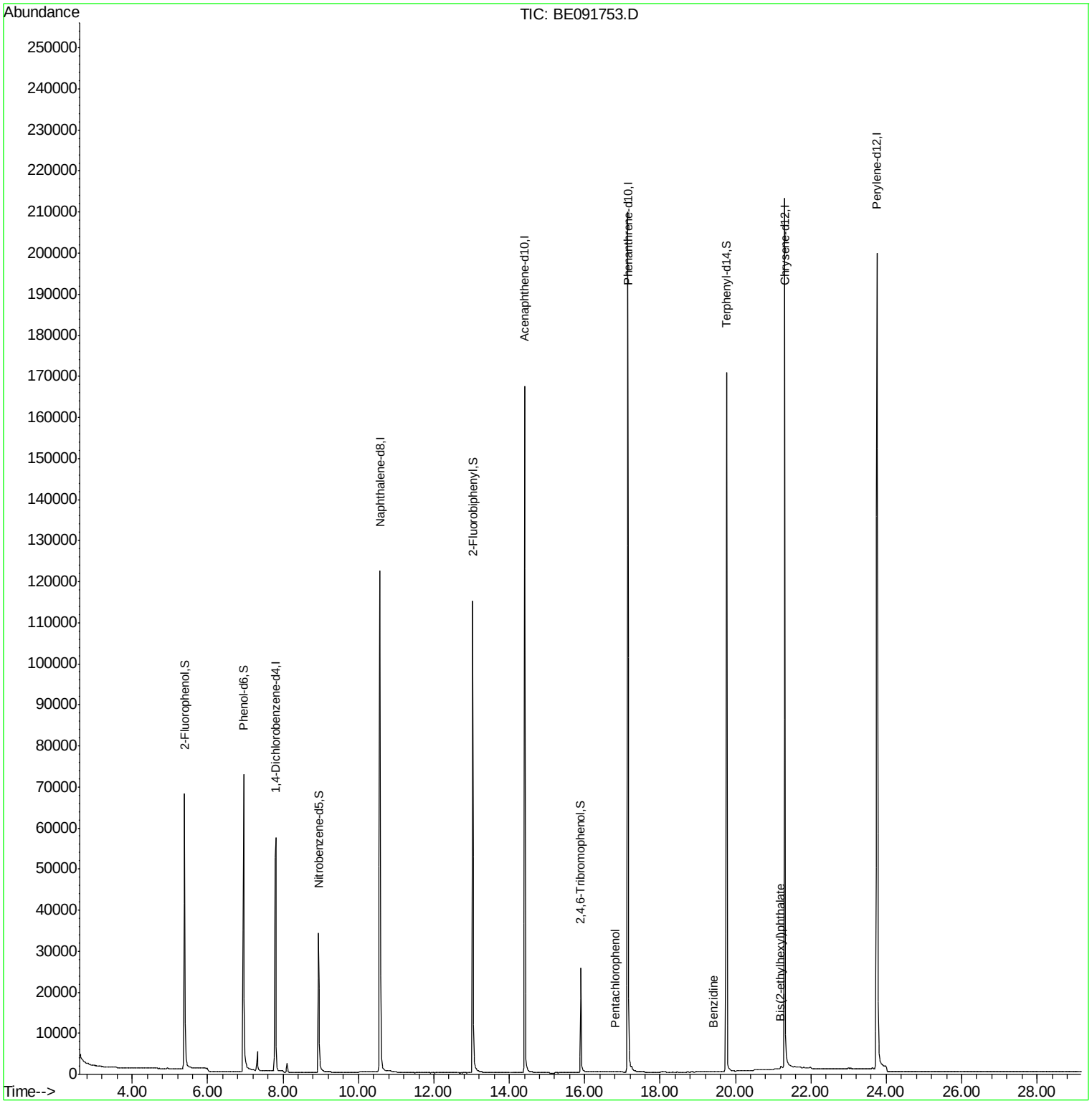
(#) = qualifier out of range (m) = manual integration (+) = signals summed

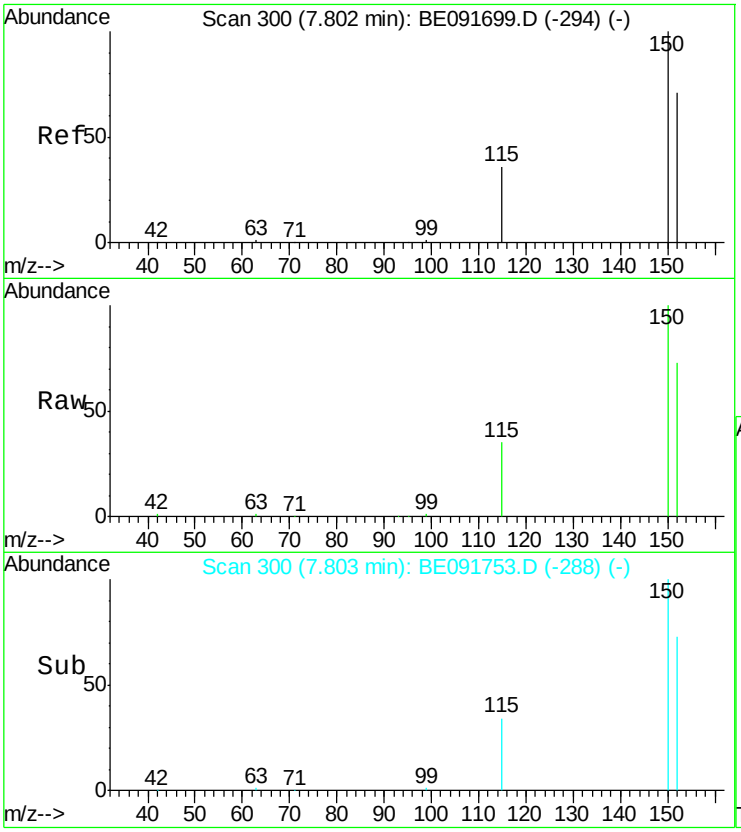
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050916\
Data File : BE091753.D
Acq On : 9 May 2016 12:06
Operator : UM/SJ
Sample : PB90335BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Quant Time: May 10 00:56:48 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



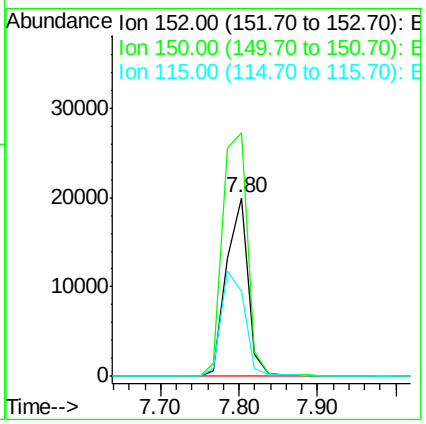


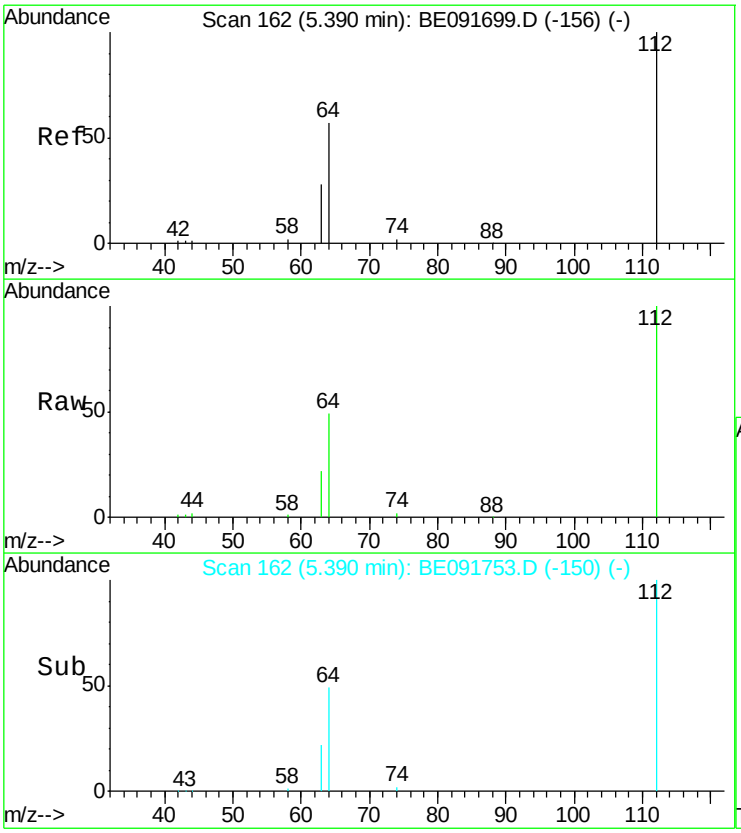
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:152 Resp: 38028

Ion	Ratio	Lower	Upper
152	100		
150	136.1	122.6	183.8
115	47.3	52.8	79.2#

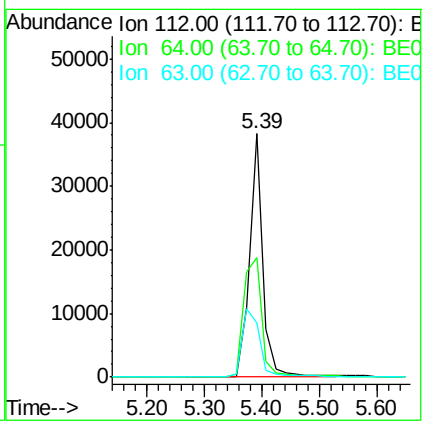


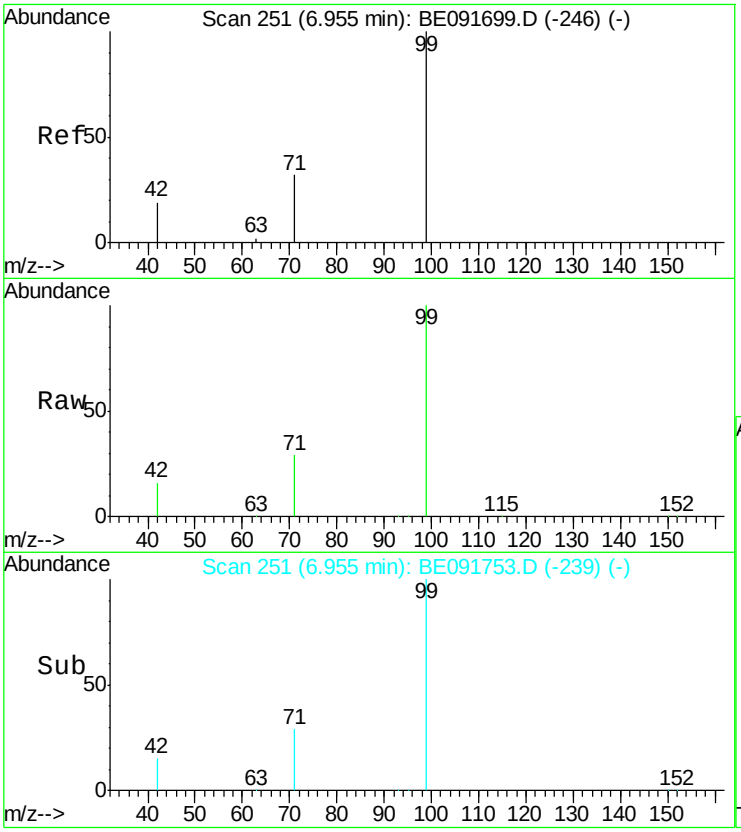


#4
2-Fluorophenol
Concen: 6.65 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:112 Resp: 62107

Ion	Ratio	Lower	Upper
112	100		
64	66.7	30.9	46.3#
63	36.0	16.7	25.1#



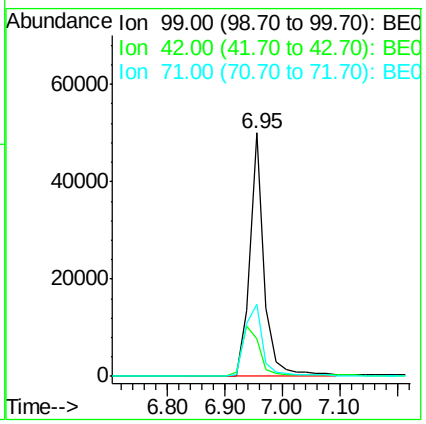


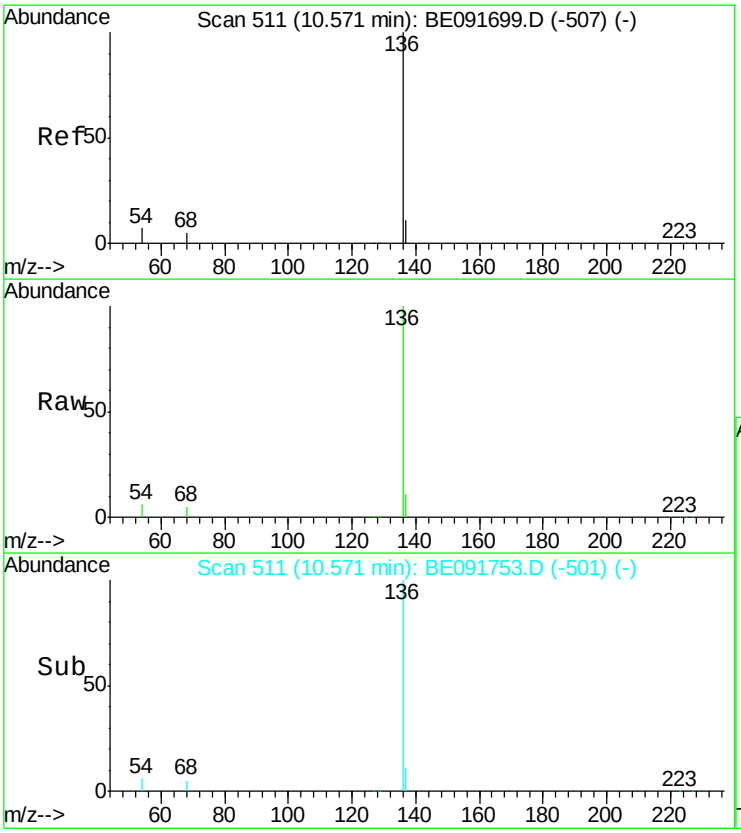
#5
Phenol-d6
Concen: 7.11 ng
RT: 6.95 min Scan# 251
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion: 99 Resp: 88038

Ion	Ratio	Lower	Upper
99	100		
42	24.8	16.2	24.2#
71	36.0	29.0	43.4

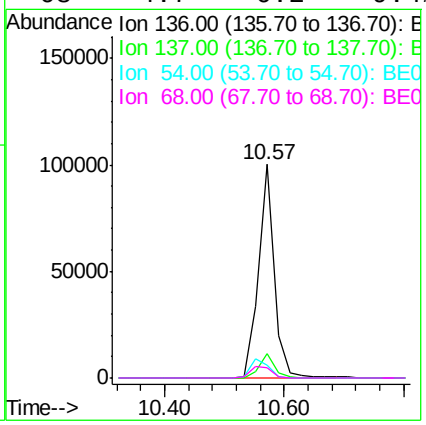


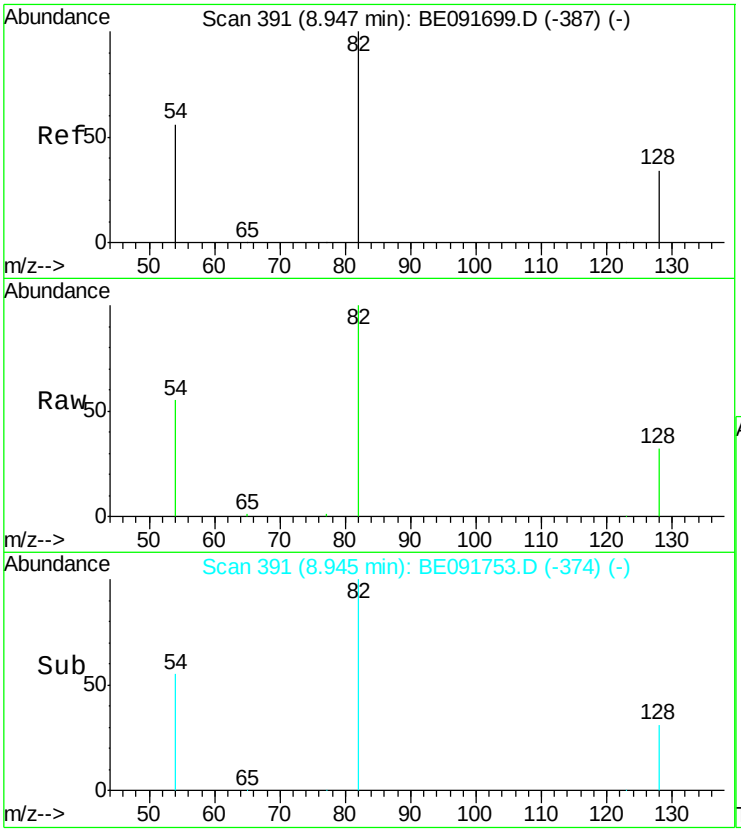


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:136 Resp: 183397

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.1	8.2	12.4#
68	4.7	6.2	9.4#



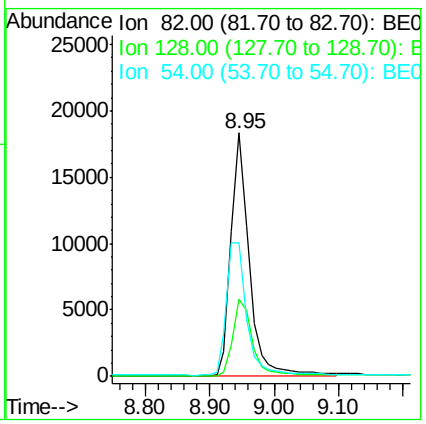


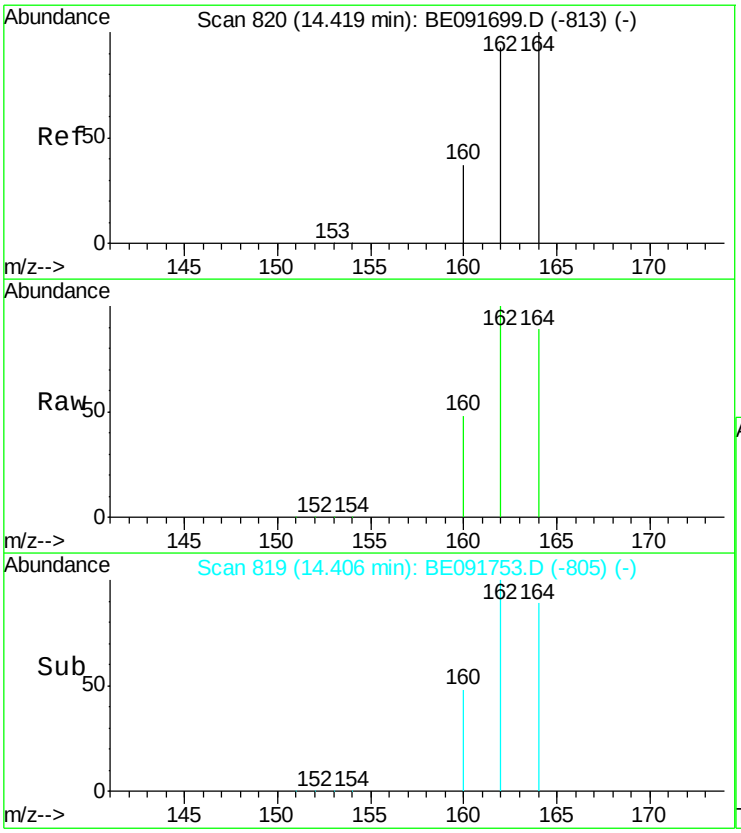
#8
Nitrobenzene-d5
Concen: 2.99 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion: 82 Resp: 35337

Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.4	38.0
54	54.8	48.4	72.6

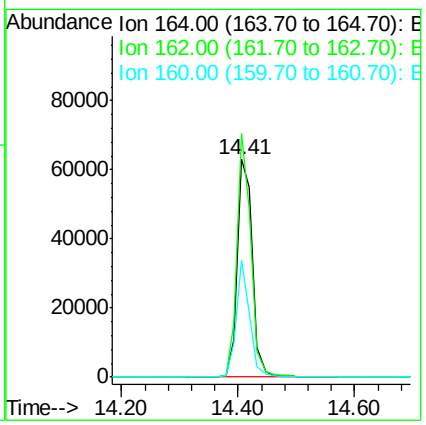


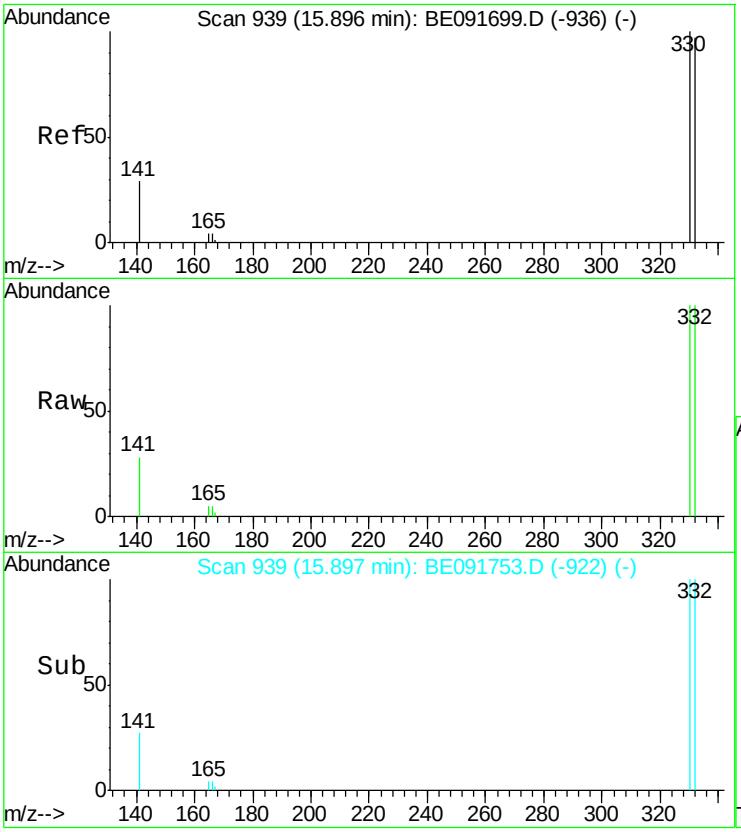


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:164 Resp: 114163

Ion	Ratio	Lower	Upper
164	100		
162	111.8	85.3	127.9
160	53.5	46.2	69.2



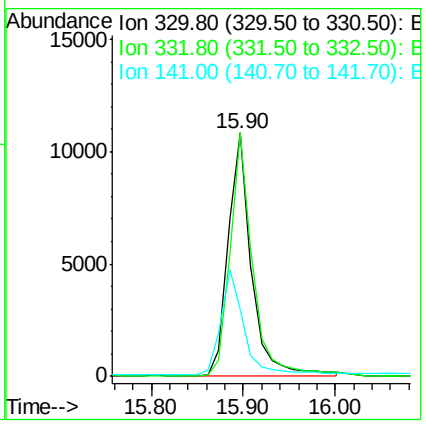


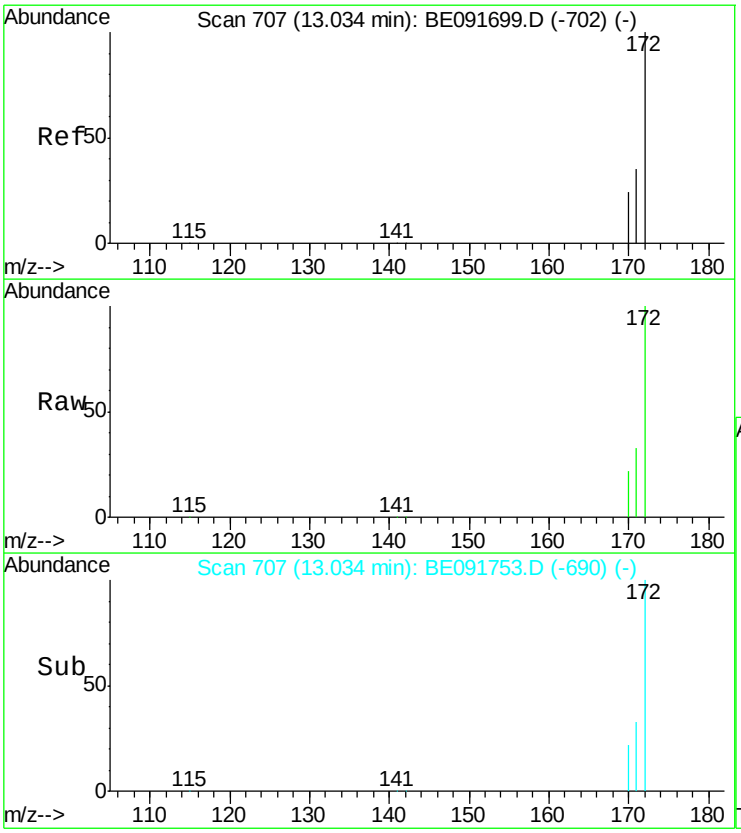
#14
2,4,6-Tribromophenol
Concen: 4.52 ng
RT: 15.90 min Scan# 939
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:330 Resp: 18906

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	42.6	125.4	188.0#

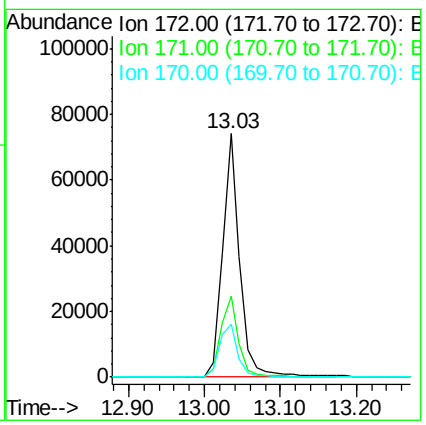


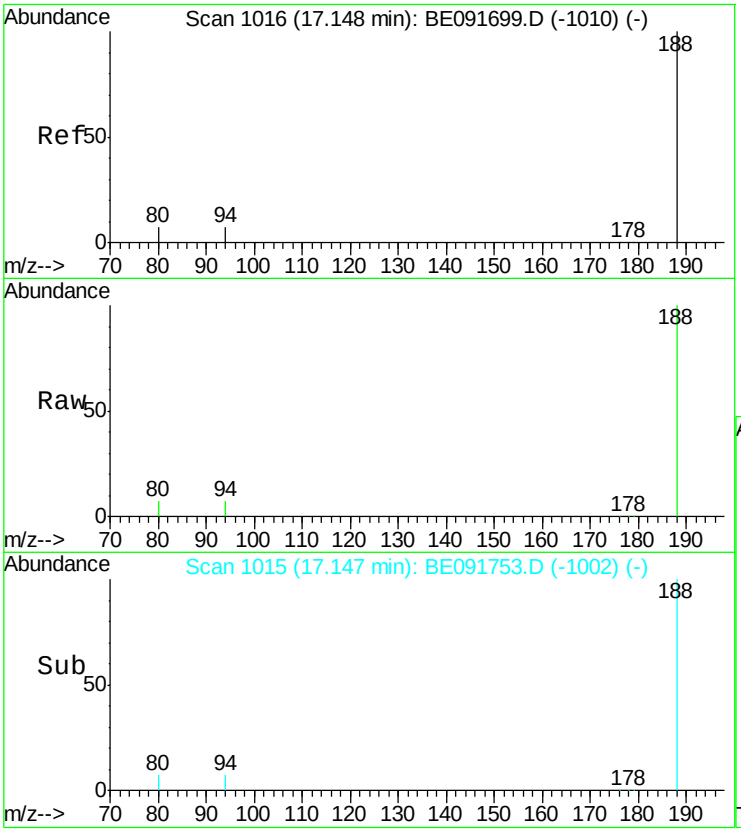


#15
2-Fluorobiphenyl
Concen: 3.66 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:172 Resp: 118130

Ion	Ratio	Lower	Upper
172	100		
171	33.4	28.8	43.2
170	21.6	19.3	28.9



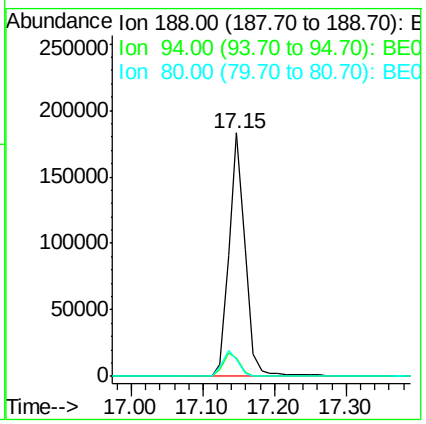


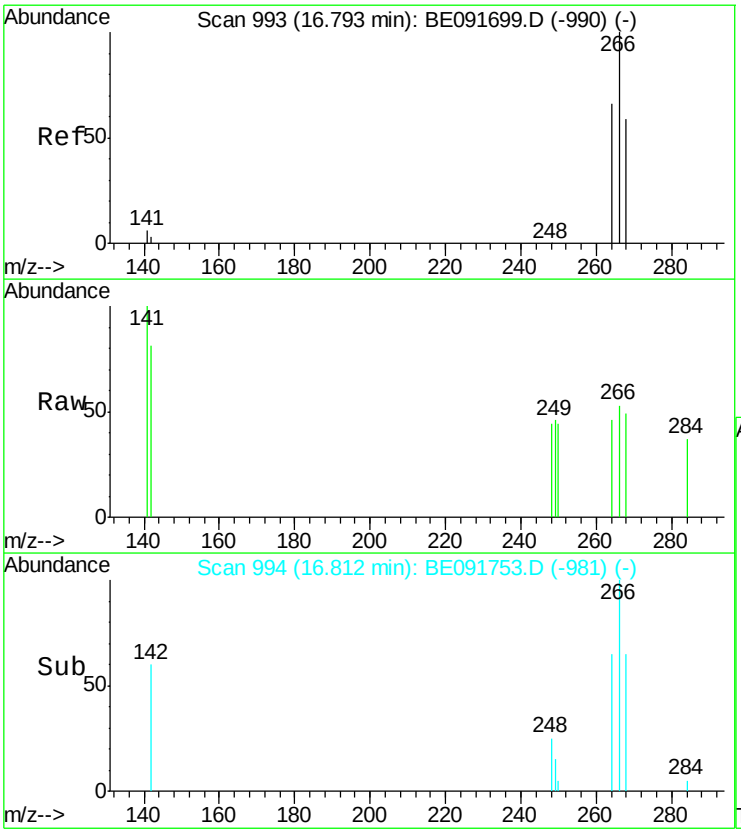
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:188 Resp: 284684

Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.7	13.1#
80	7.0	9.4	14.0#

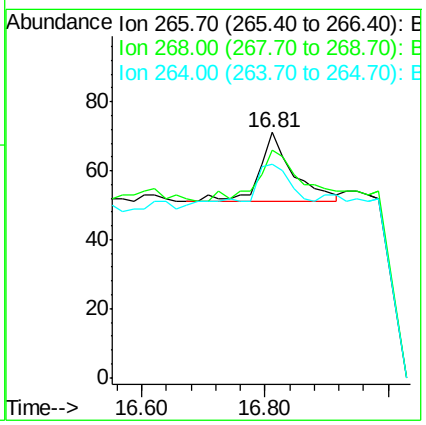


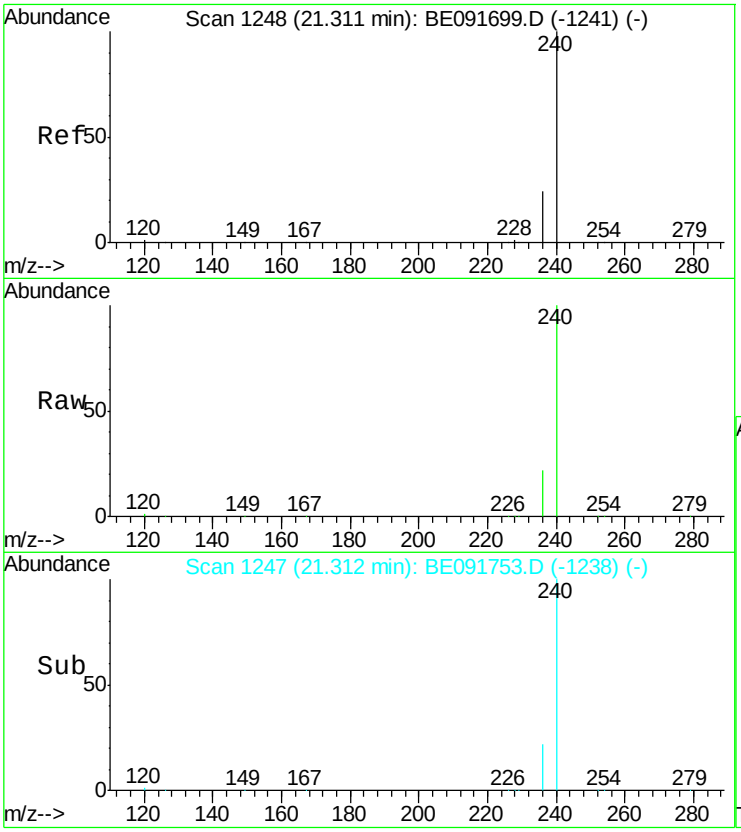


#22
Pentachlorophenol
Concen: 0.11 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.02 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
268	93.0	58.2	87.2#
264	87.3	56.2	84.4#



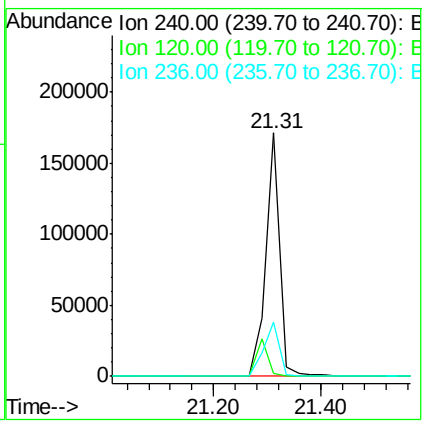


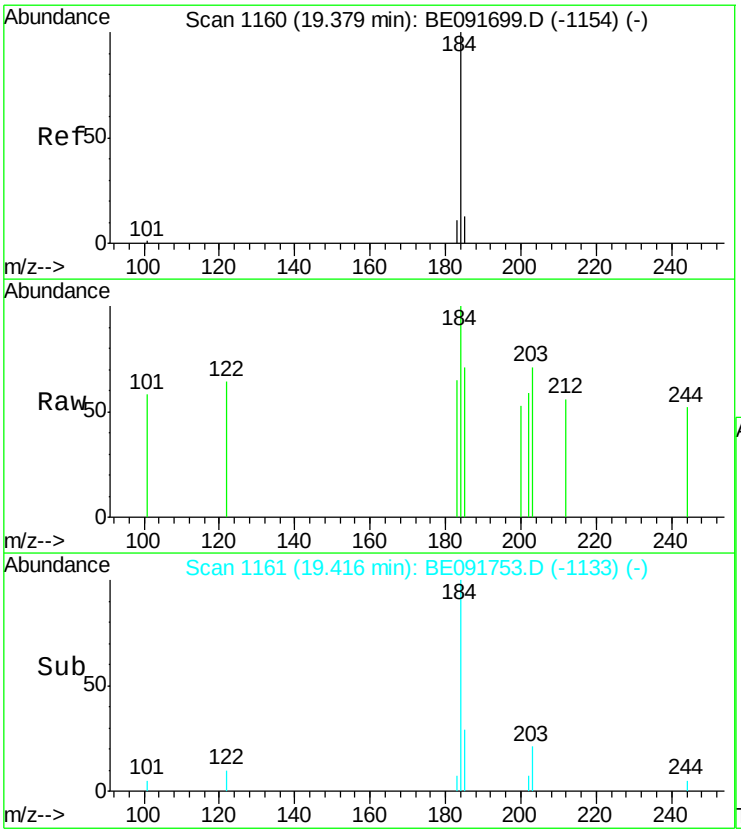
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:240 Resp: 309019

Ion	Ratio	Lower	Upper
240	100		
120	1.1	11.0	16.4#
236	22.5	21.7	32.5

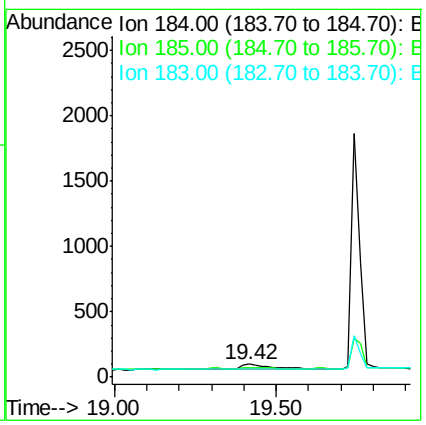


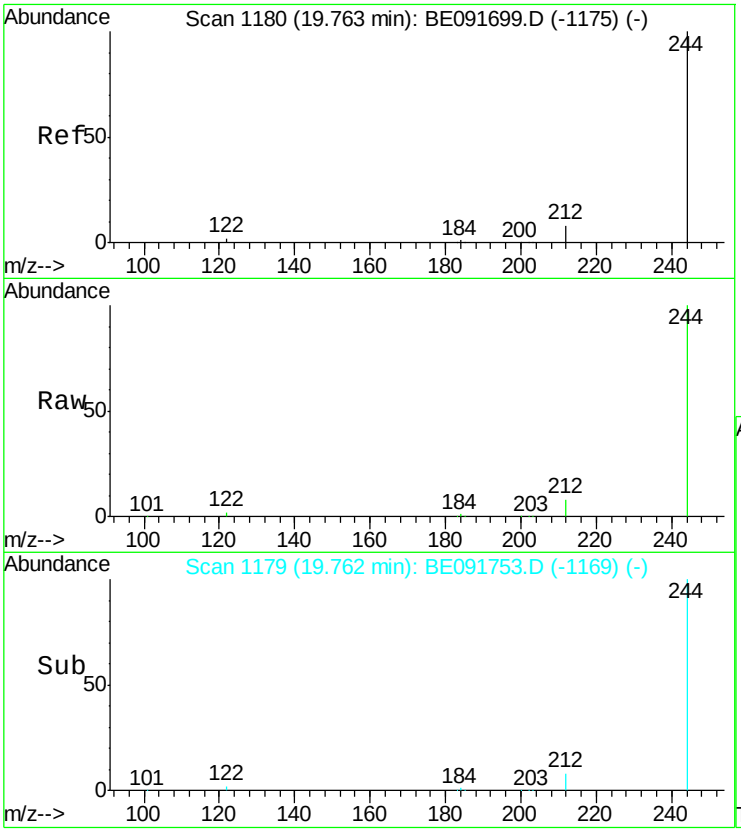


#27
Benzidine
Concen: 0.18 ng
RT: 19.42 min Scan# 1161
Delta R.T. 0.04 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:184 Resp: 322

Ion	Ratio	Lower	Upper
184	100		
185	71.0	22.3	33.5#
183	65.0	16.4	24.6#



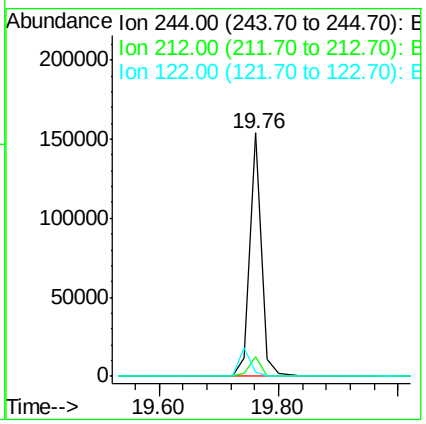


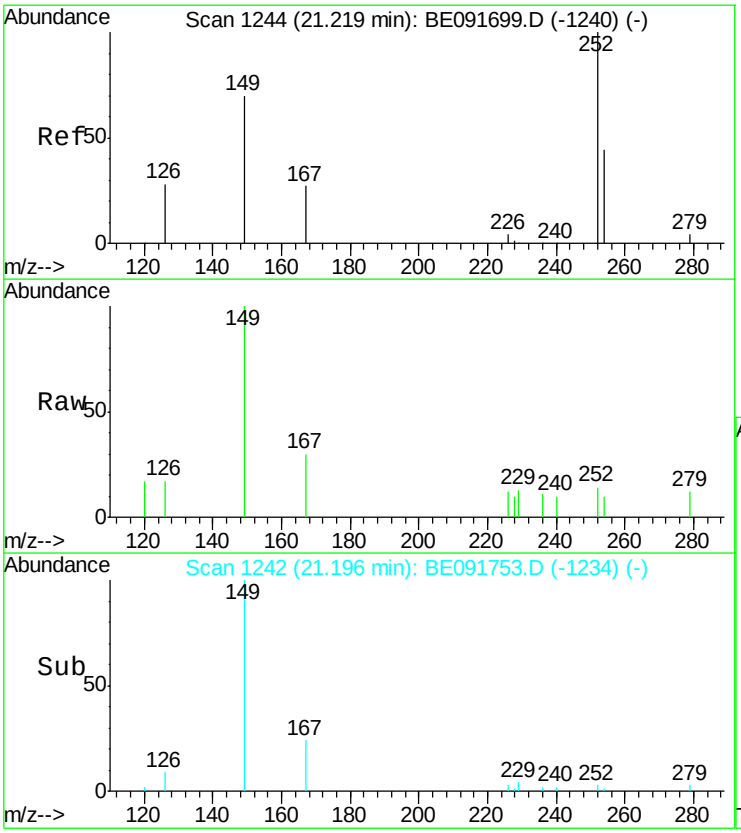
#29
Terphenyl-d14
Concen: 4.30 ng
RT: 19.76 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:244 Resp: 206982

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	1.8	11.0	16.4#

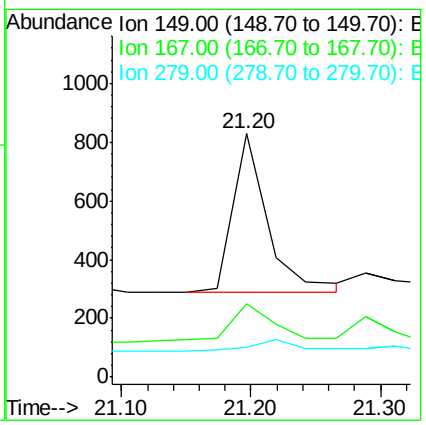


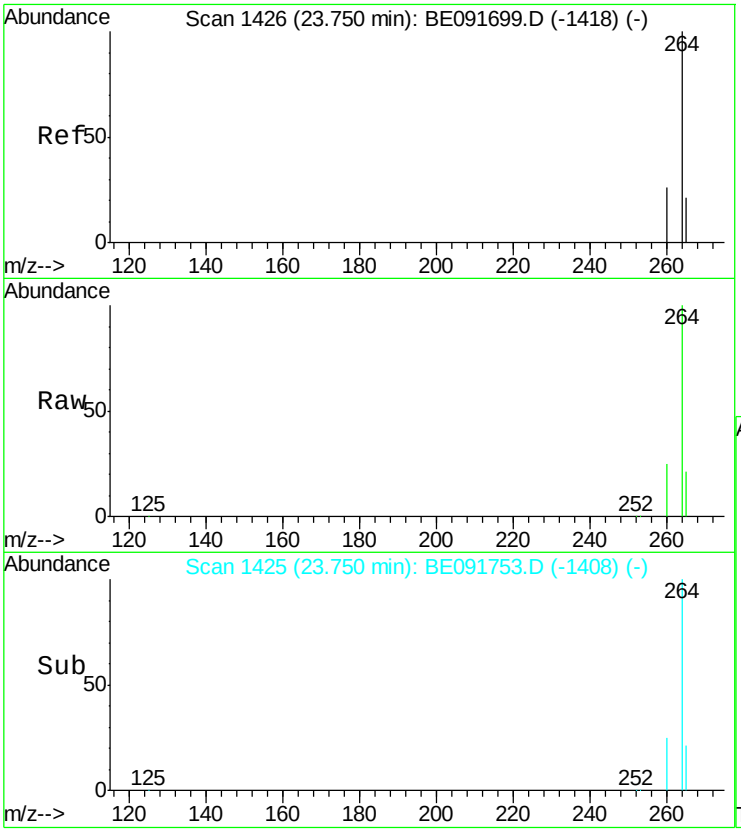


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.20 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Tgt Ion:149 Resp: 1035

Ion	Ratio	Lower	Upper
149	100		
167	40.9	19.5	29.3#
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BE091753.D
Acq: 9 May 2016 12:06

Instrument :
BNA_E
ClientSampleId :
PB90335BL

Tgt Ion:264 Resp: 301200

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	21.4	17.5	26.3