Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041316\
Data File : BE091654.D
Acq On : 13 Apr 2016 13:08
Operator : UM/SJ
Sample : H2090-05
Misc : Four Times Internal standard added
ALS Vial : 5 Sample Multiplier: 4

Instrument : BNA_E
ClientSampleId : KY038PS027-160330

Quant Time: Apr 14 04:59:32 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	130038	5.00	ng		-0.02
7) Naphthalene-d8	10.57	136	615873	5.00	ng		-0.02
13) Acenaphthene-d10	14.42	164	373227	5.00	ng		0.00
19) Phenanthrene-d10	17.15	188	994314	5.00	ng		-0.01
26) Chrysene-d12	21.31	240	1126505	5.00	ng		0.00
35) Perylene-d12	23.76	264	1047337	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	15752	2.03	ng		0.00
5) Phenol-d6	6.97	99	12855	1.24	ng		0.00
8) Nitrobenzene-d5	8.96	82	28464	3.18	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	28936	9.18	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	102428	3.95	ng		0.00
29) Terphenyl-d14	19.76	244	210830	6.00	ng		0.00
Target Compounds							Qvalue
24) Anthracene	17.29	178	1817	0.04	ng		97
33) Bis(2-ethylhexyl)phthalate	21.22	149	4590	1.15	ng	#	89

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

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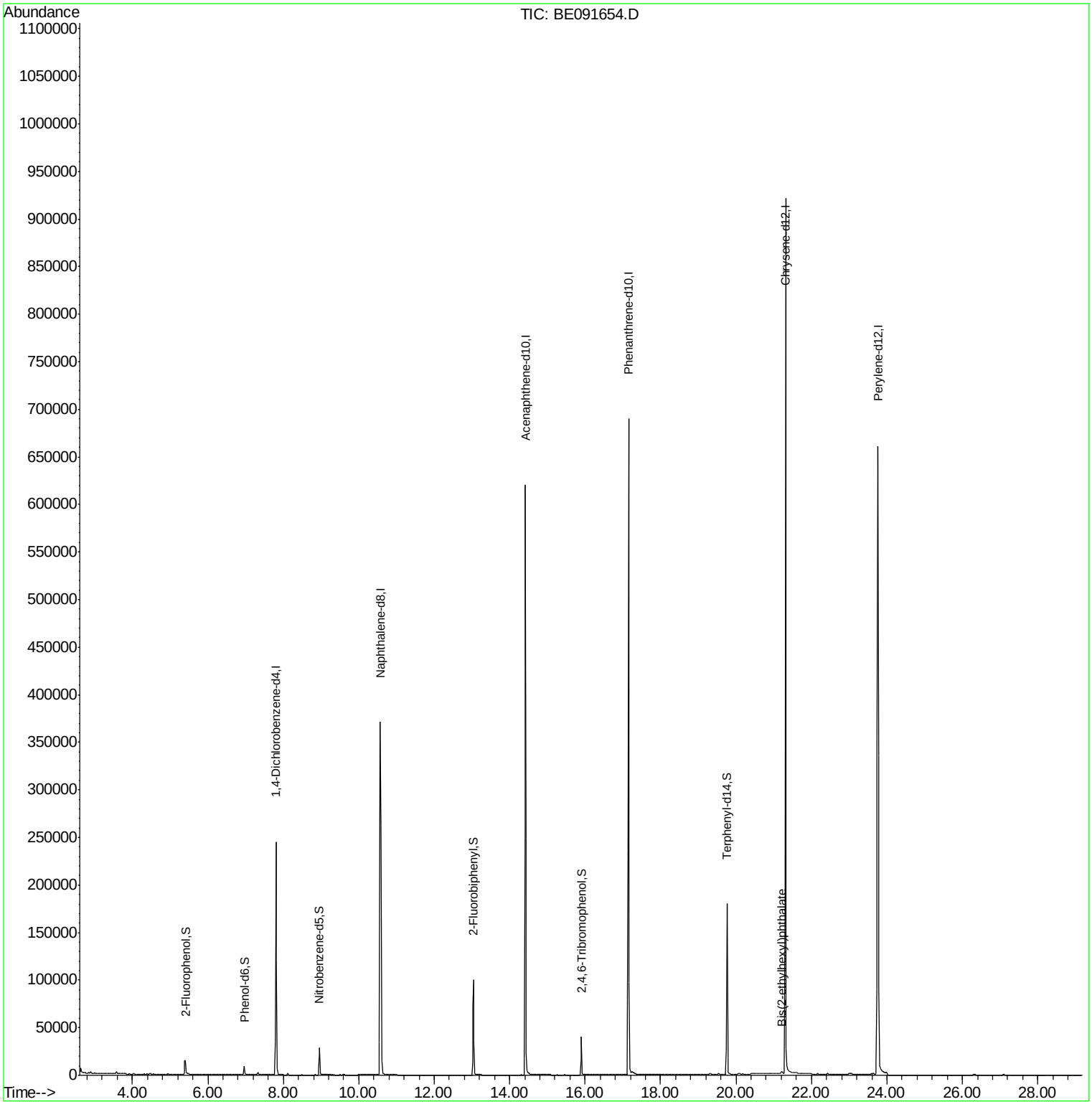
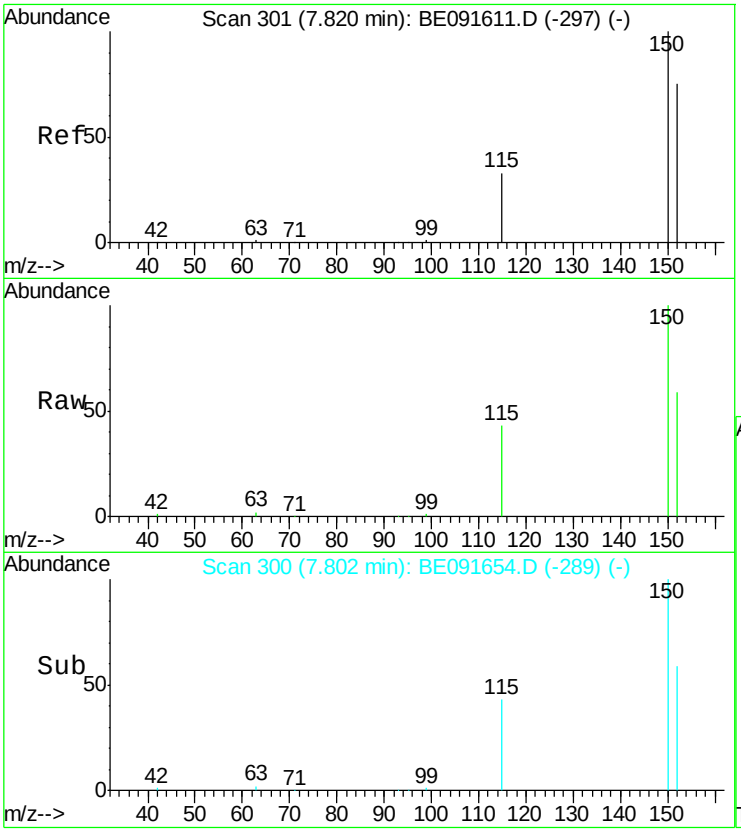


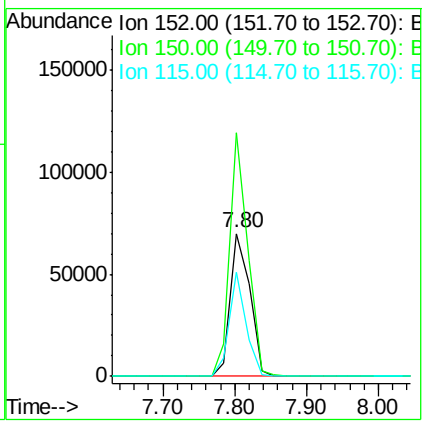


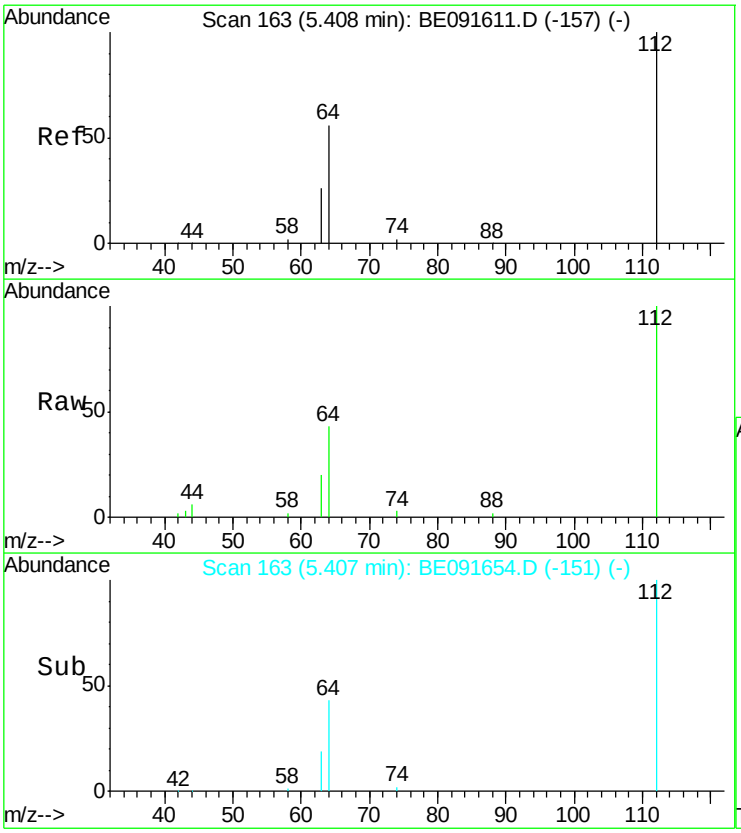
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.02 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:152 Resp: 130038

Ion	Ratio	Lower	Upper
152	100		
150	170.8	122.6	183.8
115	73.4	52.8	79.2

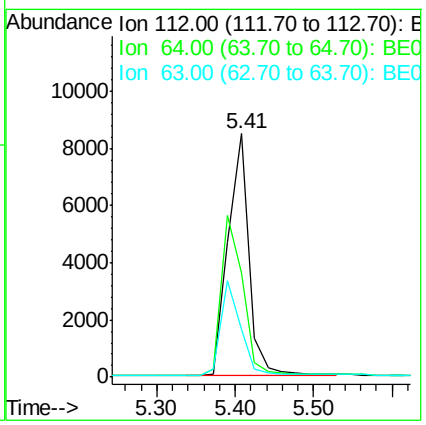


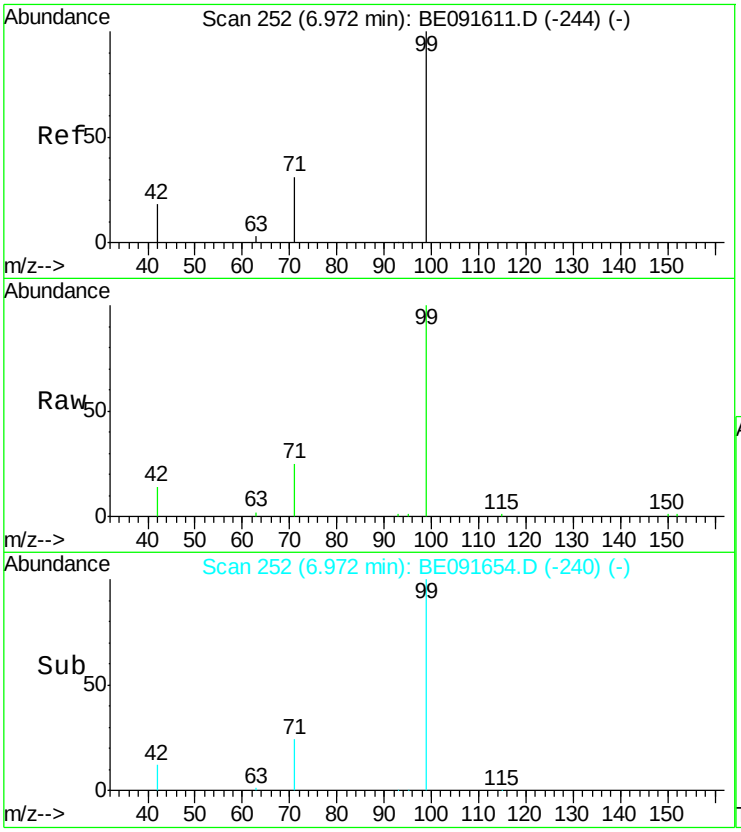


#4
2-Fluorophenol
Concen: 2.03 ng
RT: 5.41 min Scan# 163
Delta R.T. -0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:112 Resp: 15752

Ion	Ratio	Lower	Upper
112	100		
64	67.8	30.9	46.3#
63	36.6	16.7	25.1#



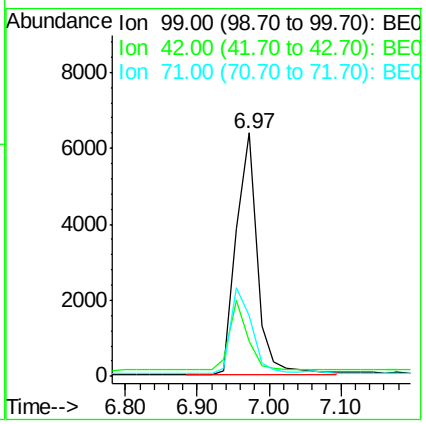


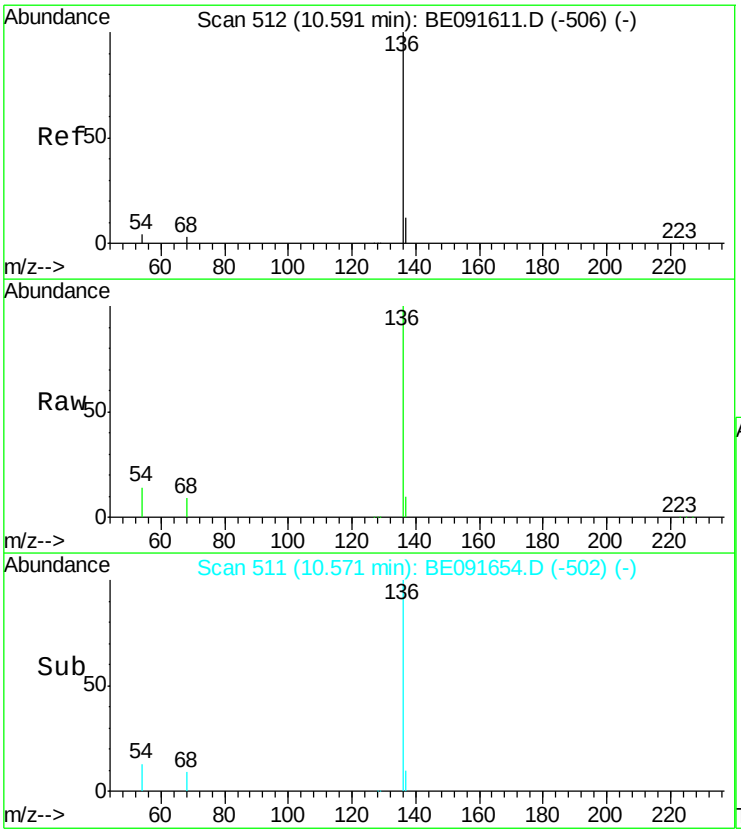
#5
Phenol-d6
Concen: 1.24 ng
RT: 6.97 min Scan# 252
Delta R.T. -0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion: 99 Resp: 12855

Ion	Ratio	Lower	Upper
99	100		
42	24.8	16.2	24.2#
71	37.1	29.0	43.4

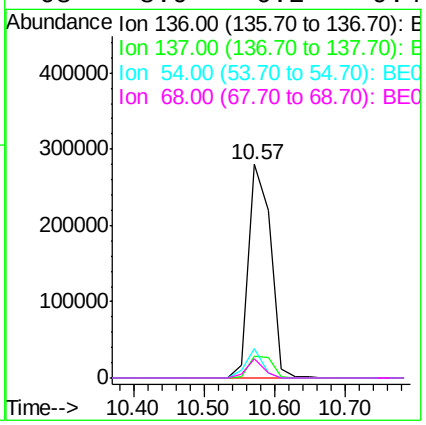


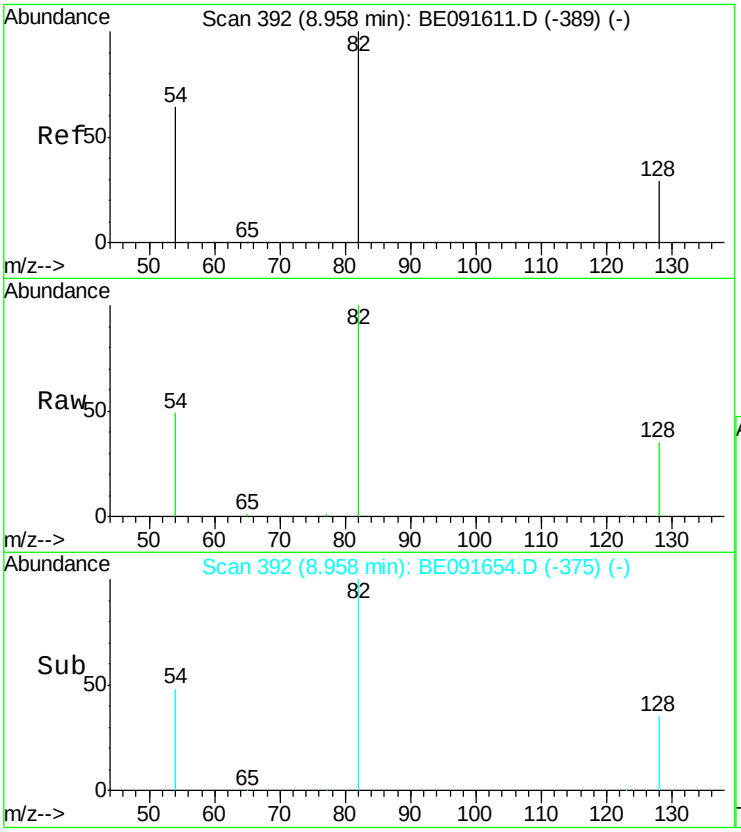


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.02 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:136 Resp: 615873

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	13.5	8.2	12.4#
68	8.9	6.2	9.4



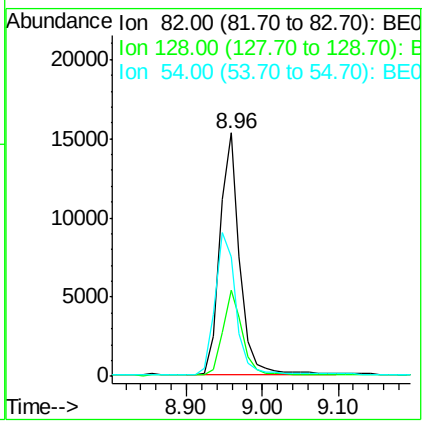


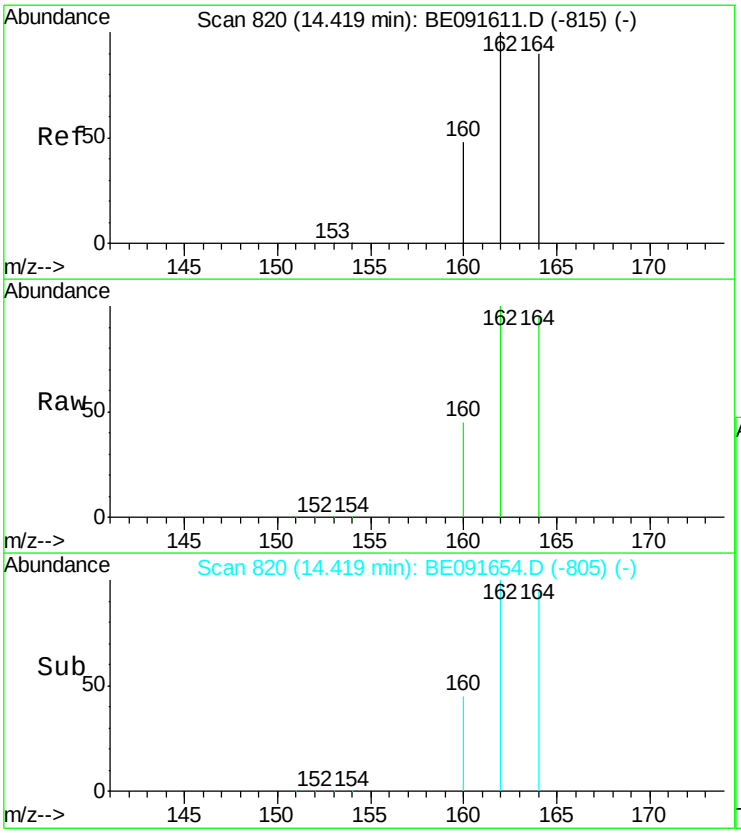
#8
Nitrobenzene-d5
Concen: 3.18 ng
RT: 8.96 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion: 82 Resp: 28464

Ion	Ratio	Lower	Upper
82	100		
128	35.2	25.4	38.0
54	48.8	48.4	72.6

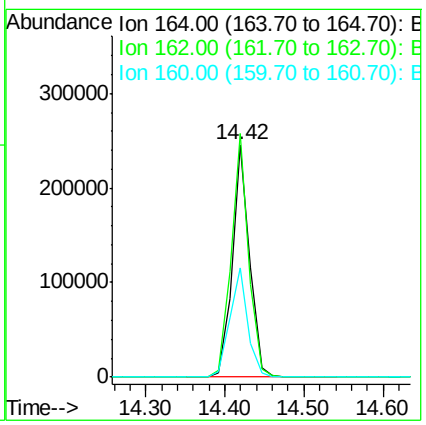


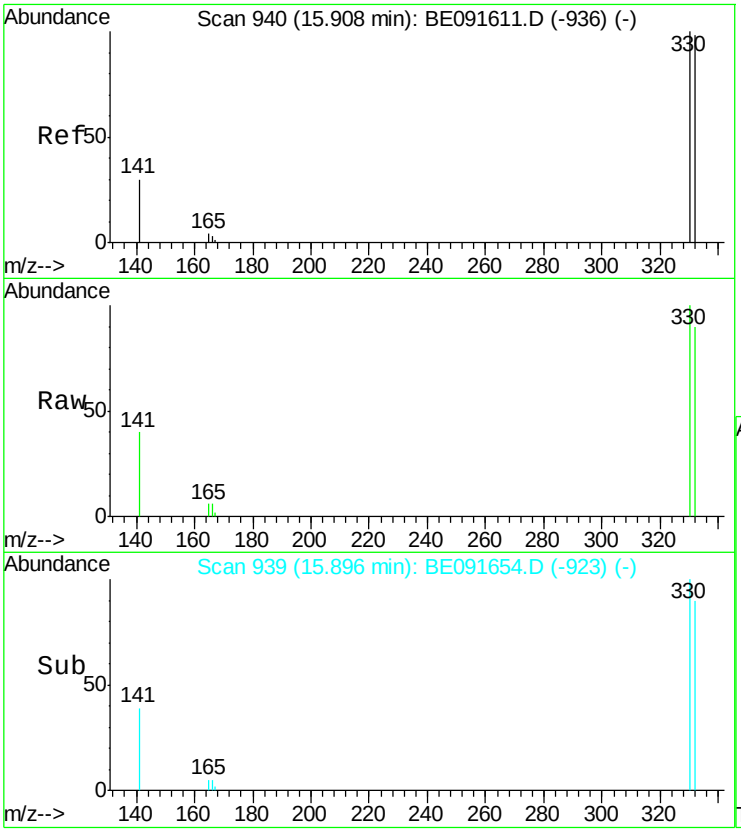


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:164 Resp: 373227

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.3	127.9
160	47.2	46.2	69.2



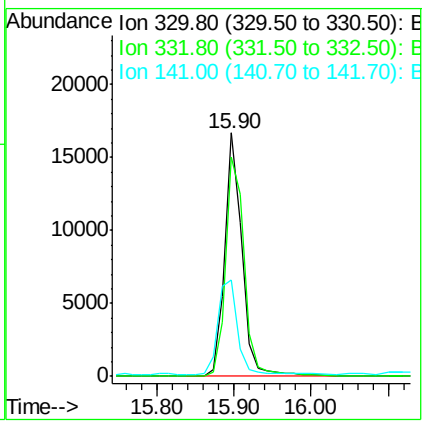


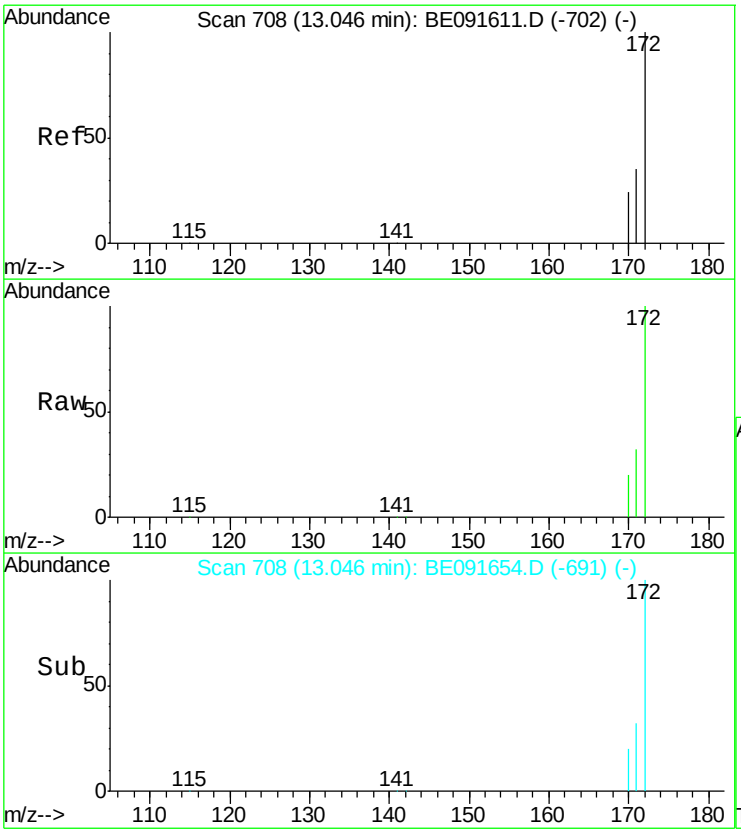
#14
2,4,6-Tribromophenol
Concen: 9.18 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:330 Resp: 28936

Ion	Ratio	Lower	Upper
330	100		
332	98.0	79.1	118.7
141	44.3	125.4	188.0#

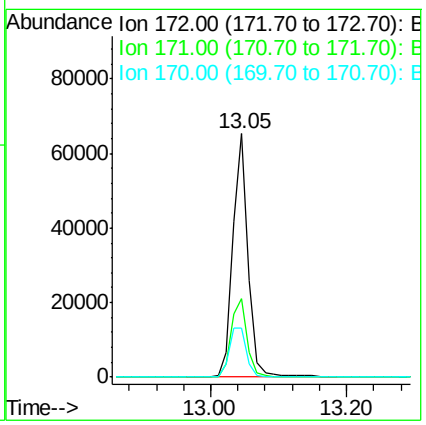


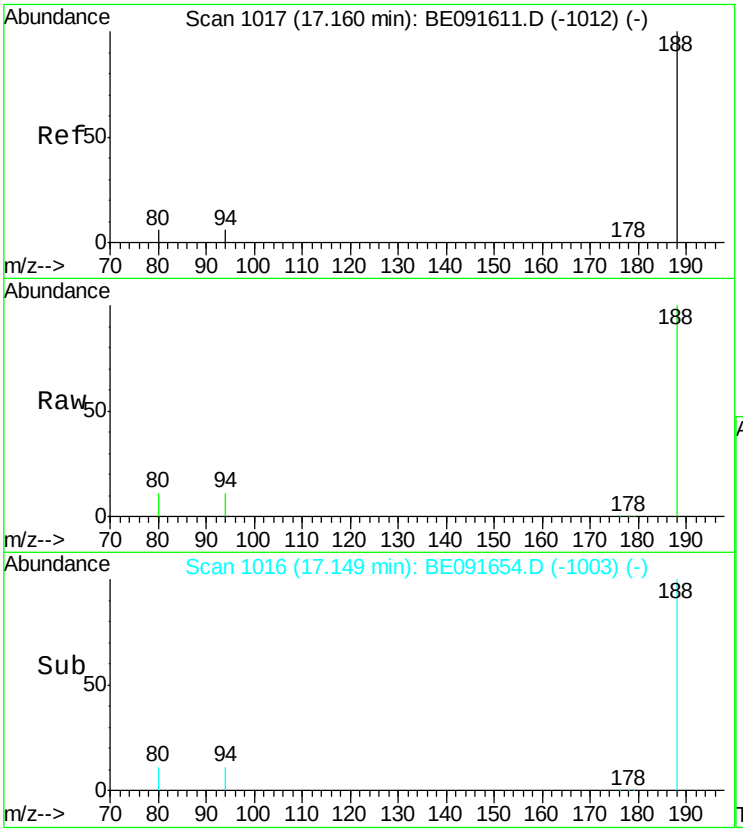


#15
2-Fluorobiphenyl
Concen: 3.95 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:172 Resp: 102428

Ion	Ratio	Lower	Upper
172	100		
171	32.1	28.8	43.2
170	20.3	19.3	28.9



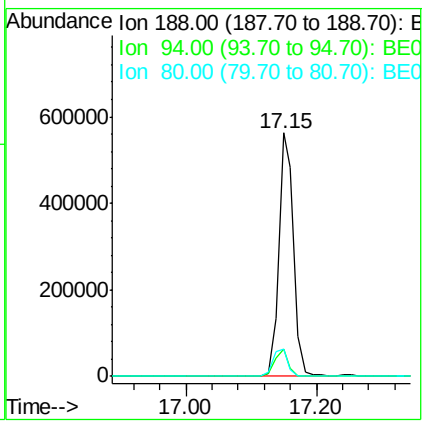


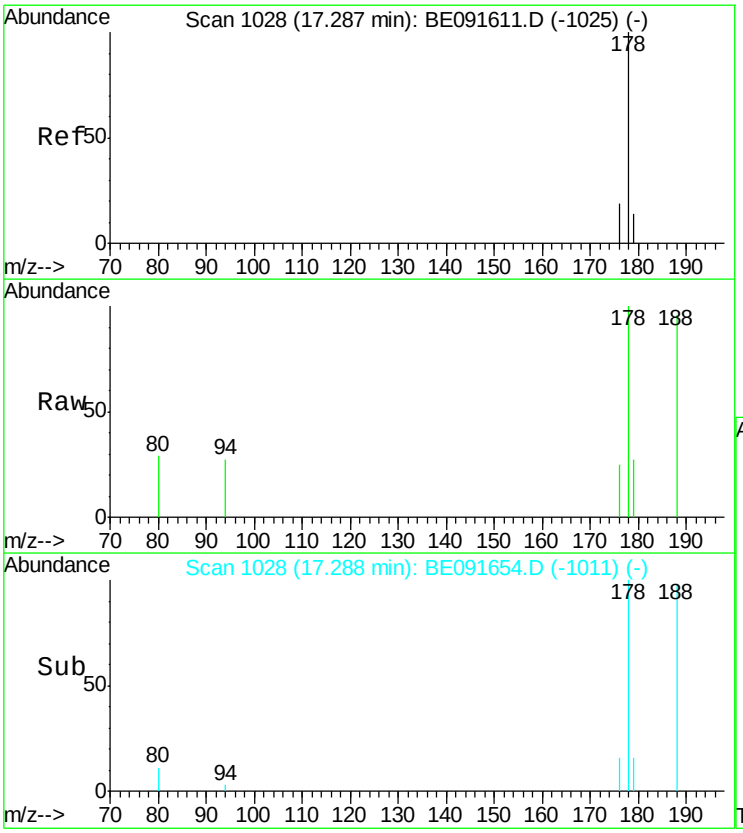
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:188 Resp: 994314

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.7	13.1
80	11.4	9.4	14.0

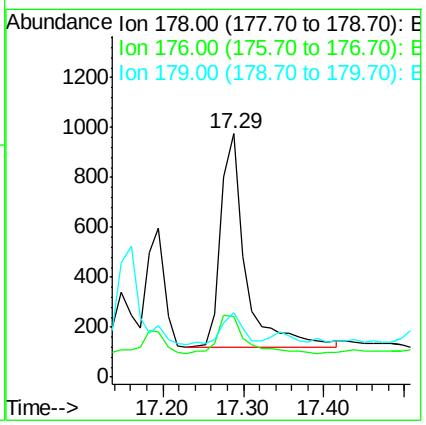


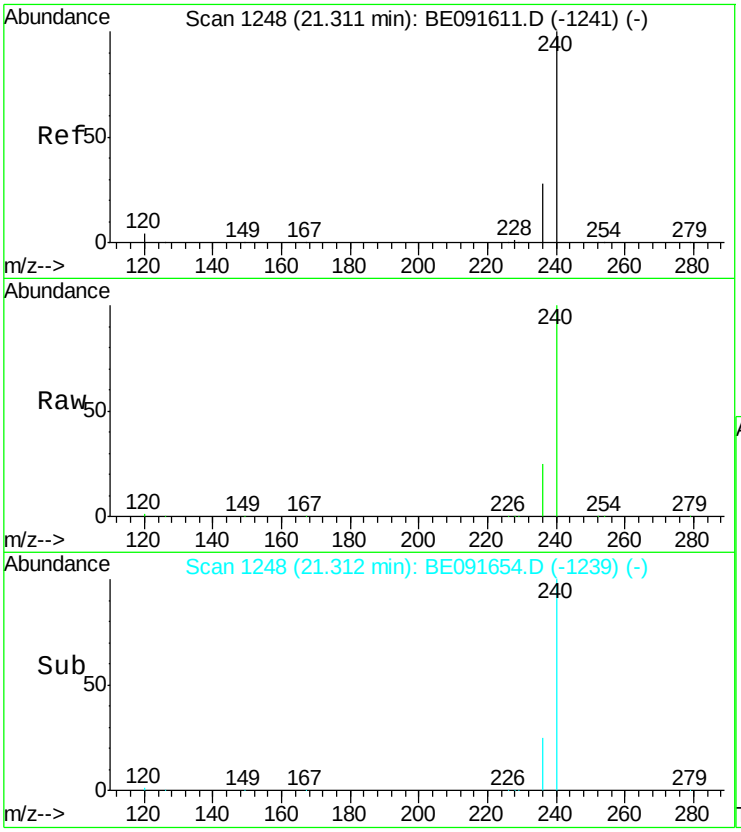


#24
Anthracene
Concen: 0.04 ng
RT: 17.29 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:178 Resp: 1817

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	21.8
179	13.9	11.8	17.6



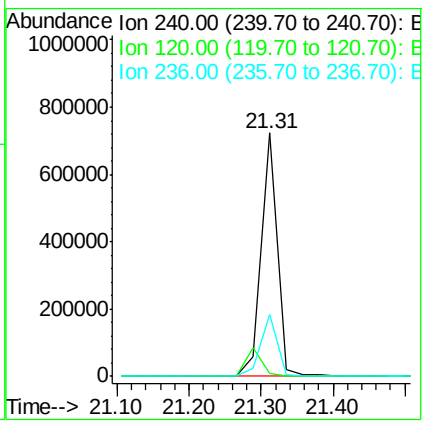


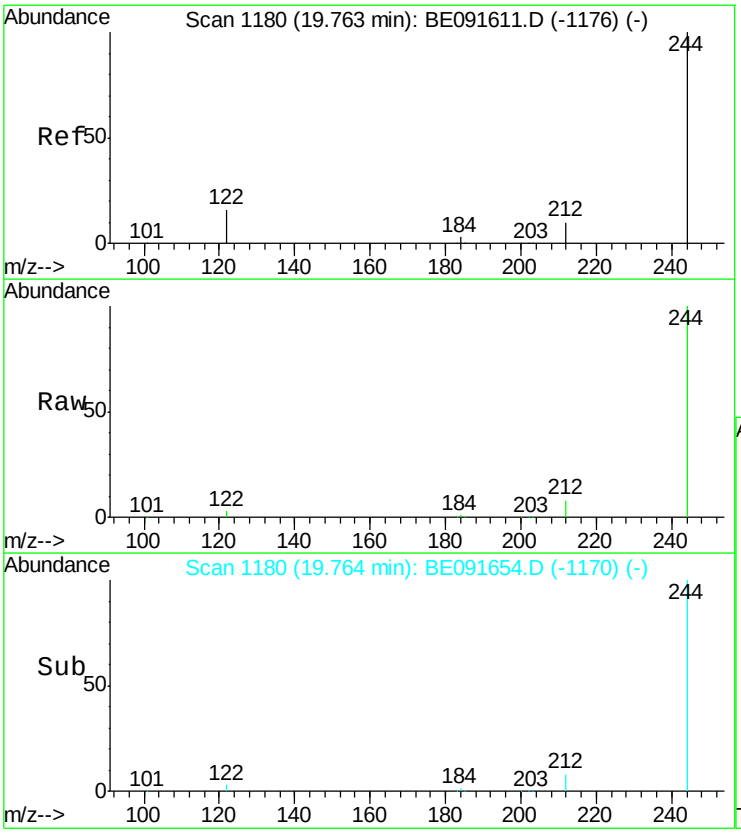
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:240 Resp: 1126505

Ion	Ratio	Lower	Upper
240	100		
120	1.4	11.0	16.4#
236	25.4	21.7	32.5

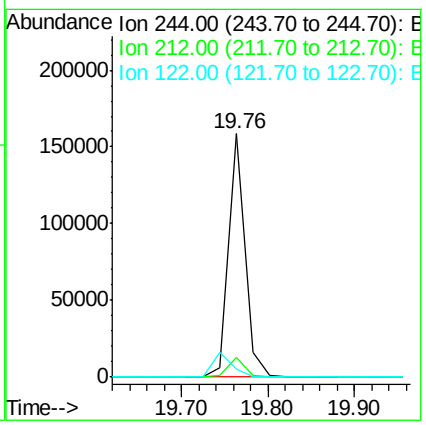


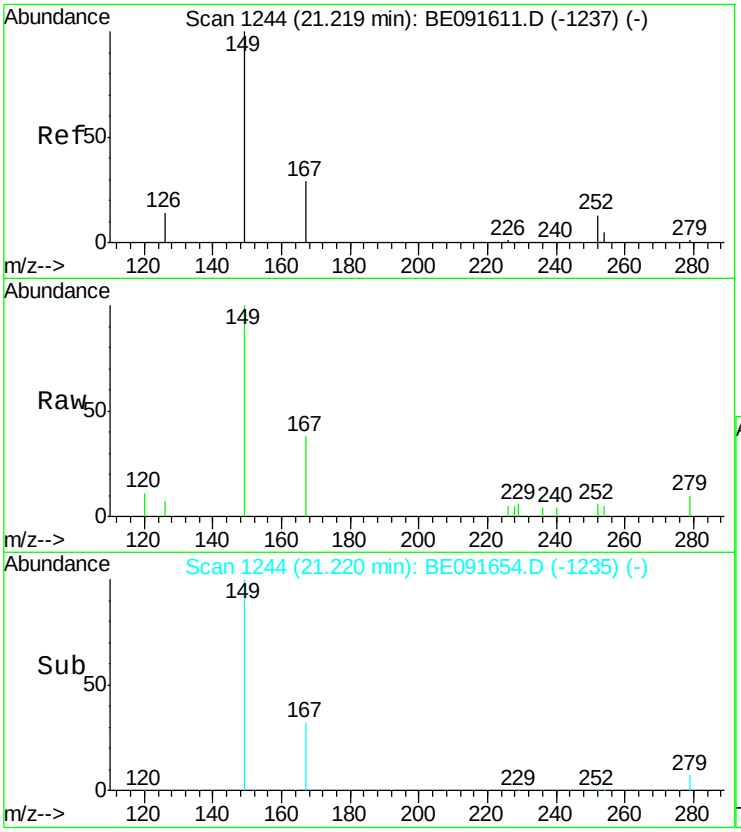


#29
Terphenyl-d14
Concen: 6.00 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:244 Resp: 210830

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	3.3	11.0	16.4#



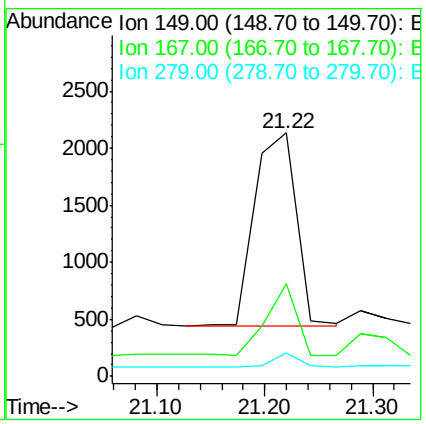


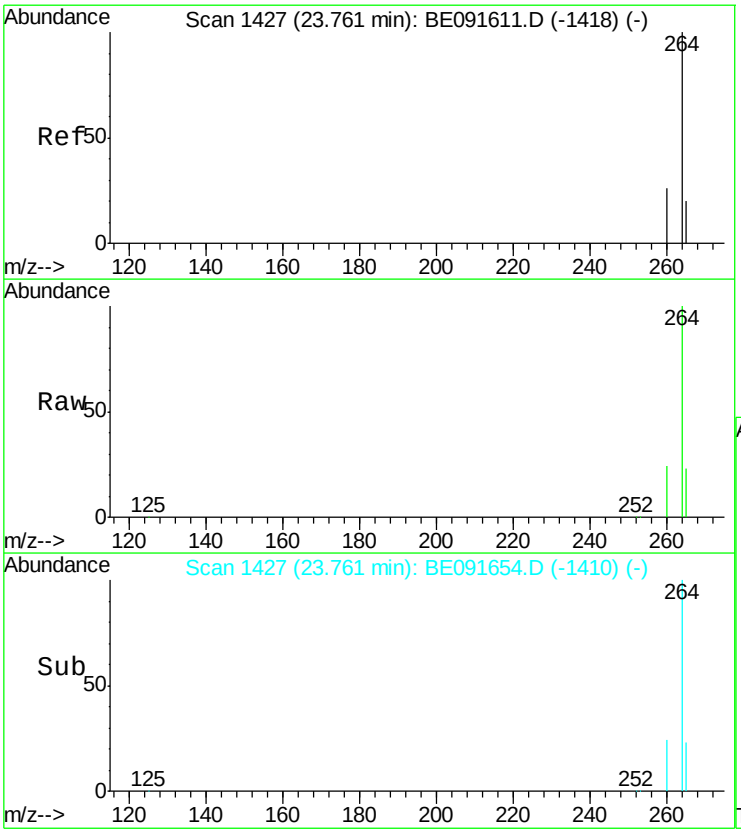
#33
Bis(2-ethylhexyl)phthalate
Concen: 1.15 ng
RT: 21.22 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160330

Tgt Ion:149 Resp: 4590

Ion	Ratio	Lower	Upper
149	100		
167	27.6	19.5	29.3
279	4.5	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE091654.D
Acq: 13 Apr 2016 13:08

Tgt Ion:264 Resp: 1047337

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	22.8	17.5	26.3