Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
Data File : BM004499.D
Acq On : 01 Mar 2016 09:53
Operator : SJ/UM
Sample : H1519-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : KY038PS027-160217

Quant Time: Mar 01 13:54:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 00:52:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	18896	5.00	ng		0.00
7) Naphthalene-d8	10.39	136	73201	5.00	ng		0.00
13) Acenaphthene-d10	14.26	164	40555	5.00	ng		0.00
19) Phenanthrene-d10	17.01	188	88646	5.00	ng		0.00
26) Chrysene-d12	21.25	240	77938	5.00	ng		0.01
35) Perylene-d12	23.45	264	77701	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11273	2.57	ng		0.00
5) Phenol-d6	6.83	99	7025	1.42	ng		0.02
8) Nitrobenzene-d5	8.78	82	16260	4.36	ng		0.00
14) 2,4,6-Tribromophenol	15.77	330	11987	7.69	ng		-0.03
15) 2-Fluorobiphenyl	12.88	172	56315	4.53	ng		0.00
29) Terphenyl-d14	19.67	244	54256	5.41	ng		0.00
Target Compounds							Qvalue
24) Anthracene	17.17	178	865	0.03	ng		98
33) Bis(2-ethylhexyl)phthalate	21.12	149	1196	0.05	ng	#	48

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

Quantitation Report (QT Reviewed)

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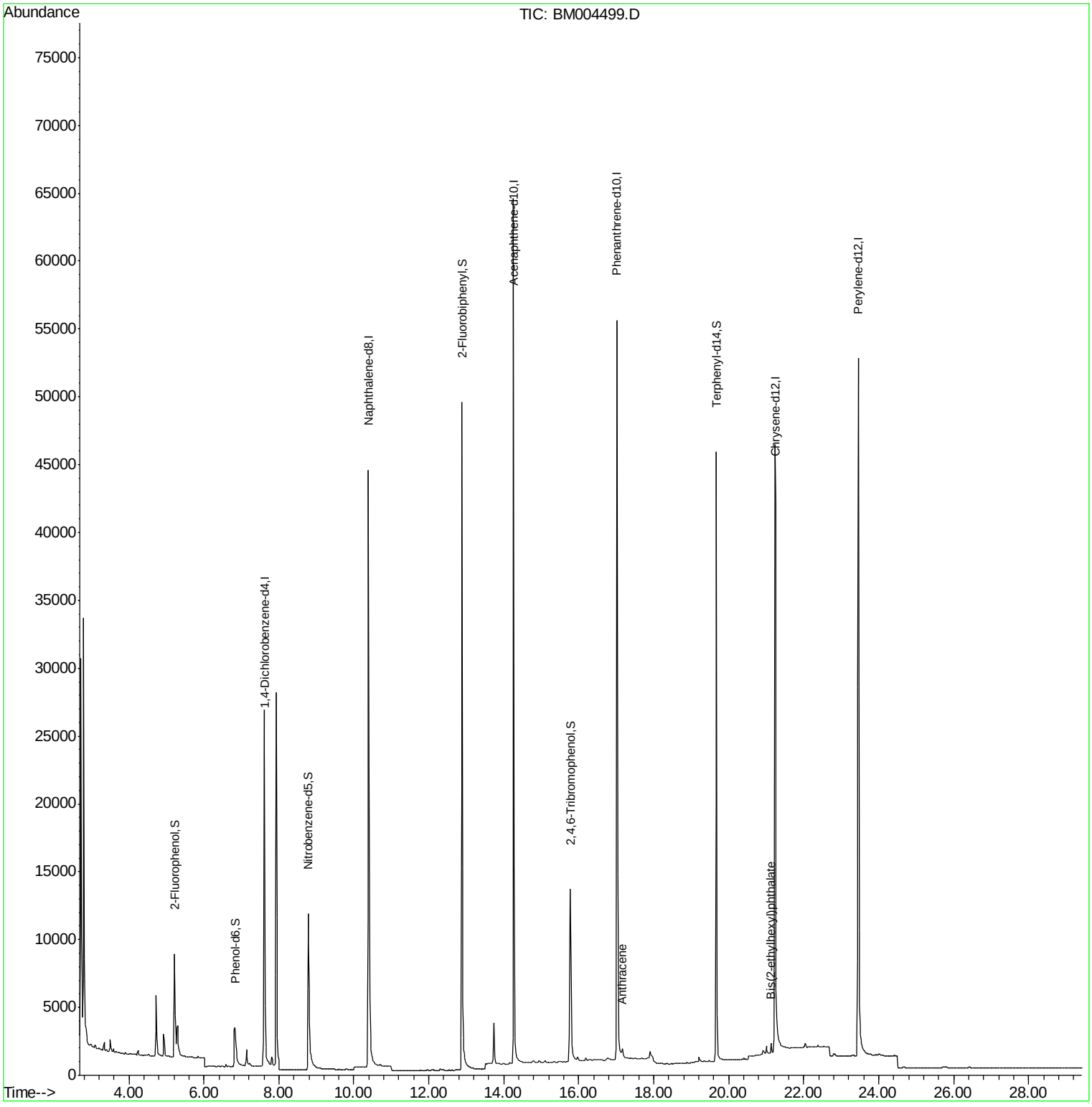
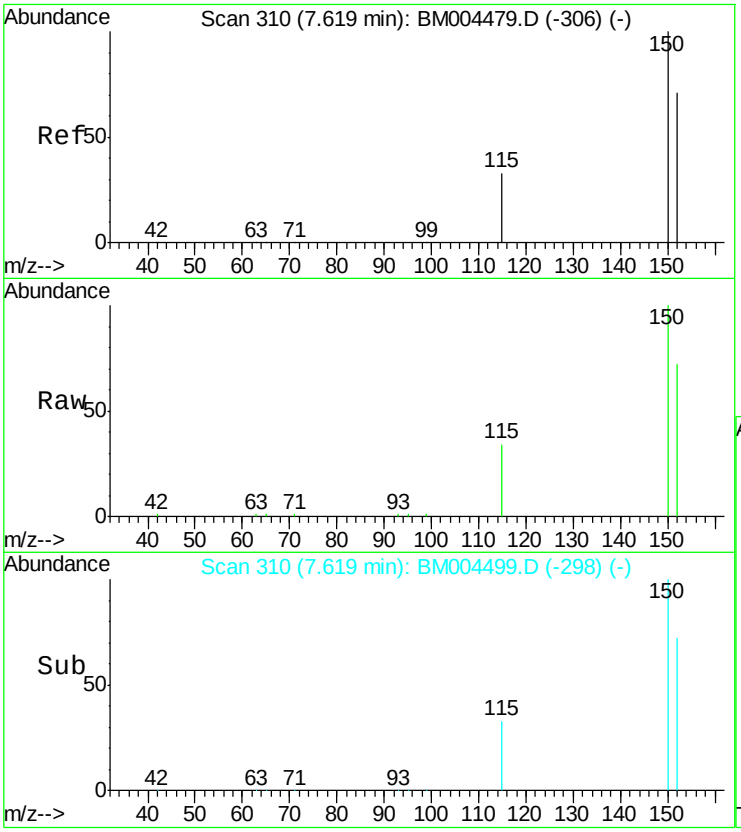


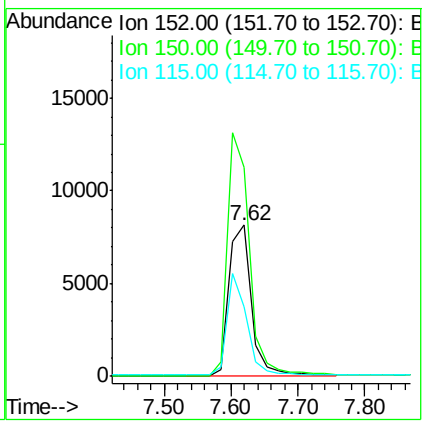


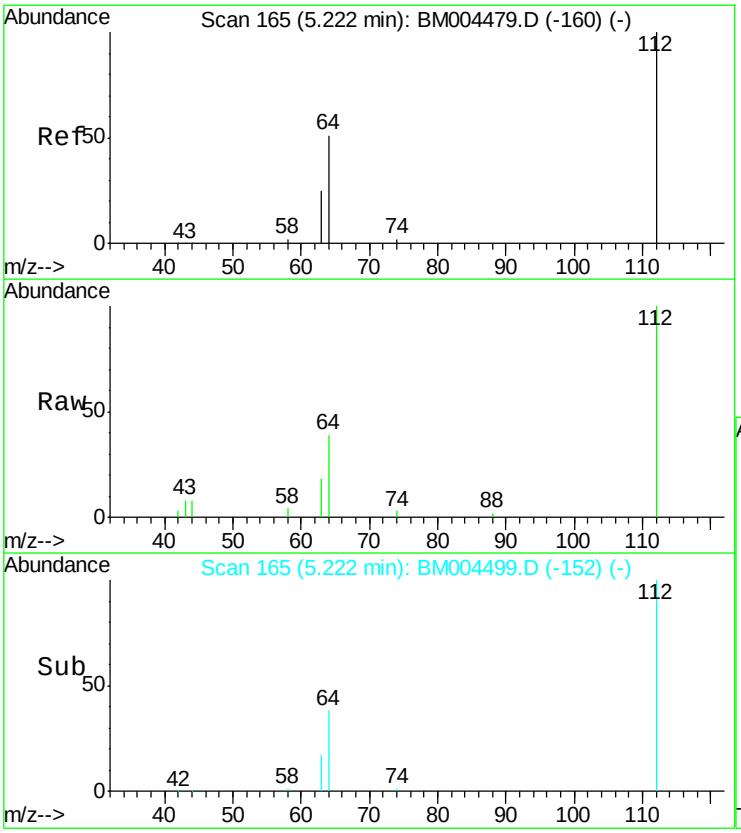
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. 0.00 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion:152 Resp: 18896

Ion	Ratio	Lower	Upper
152	100		
150	138.1	111.9	167.9
115	46.3	37.7	56.5

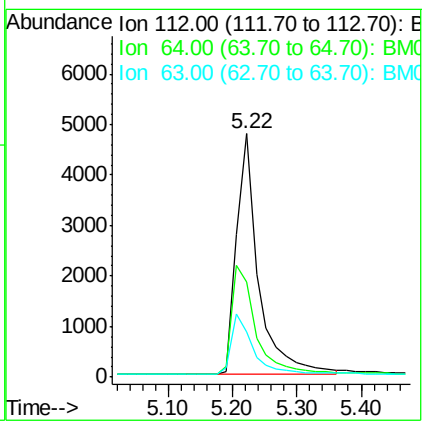


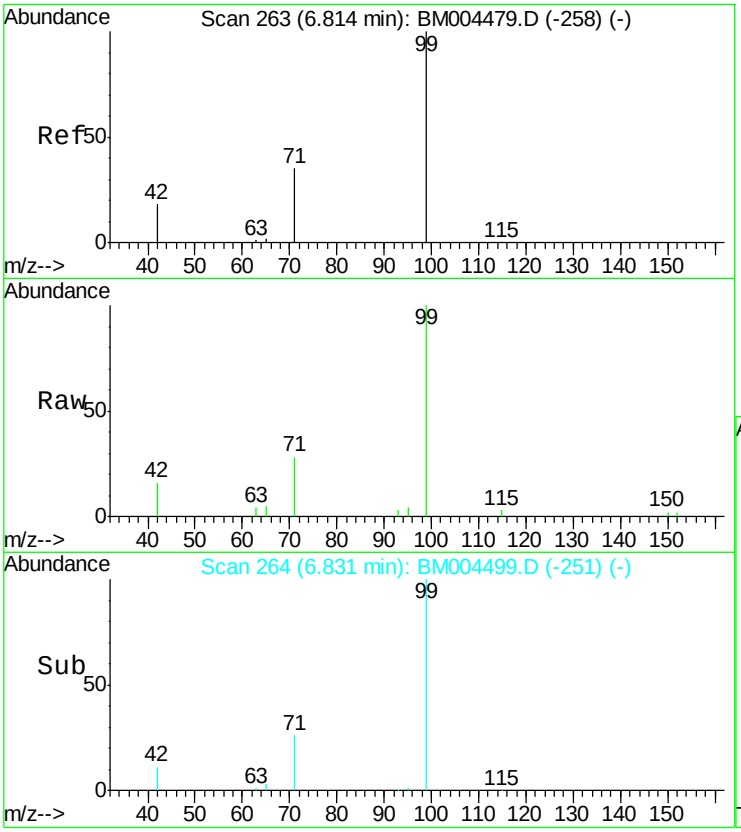


#4
2-Fluorophenol
Concen: 2.57 ng
RT: 5.22 min Scan# 165
Delta R.T. 0.00 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:112 Resp: 11273

Ion	Ratio	Lower	Upper
112	100		
64	49.1	39.6	59.4
63	24.8	20.0	30.0



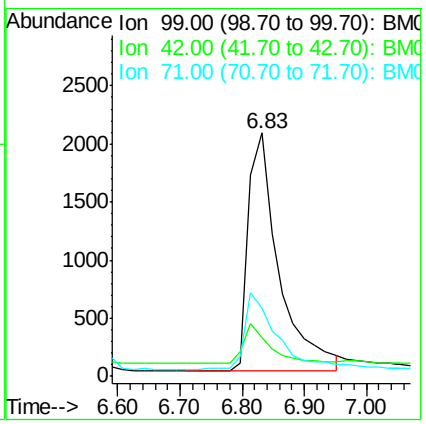


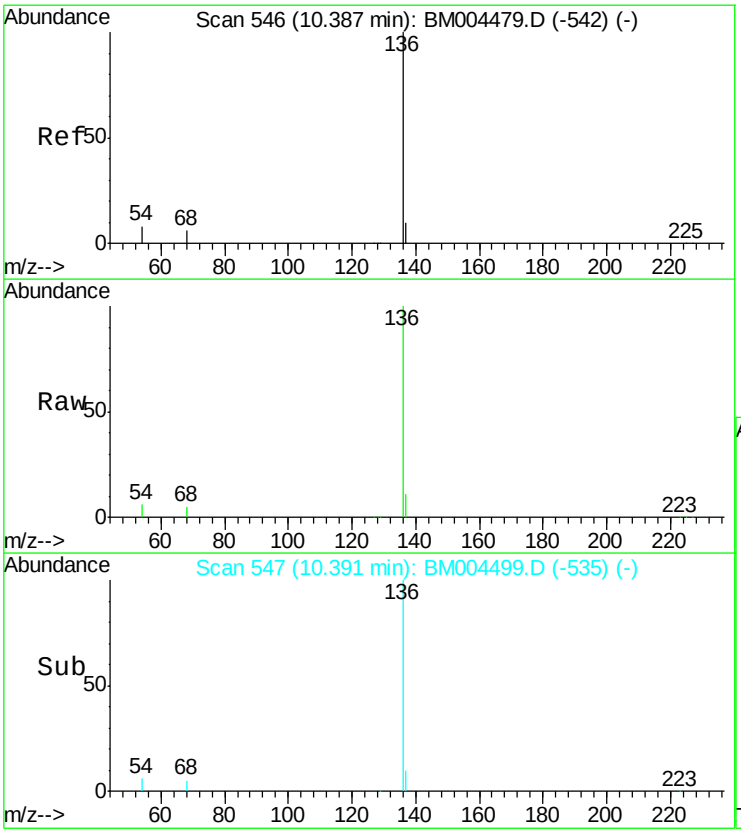
#5
Phenol-d6
Concen: 1.42 ng
RT: 6.83 min Scan# 264
Delta R.T. 0.02 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion: 99 Resp: 7025

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	34.0	23.4	35.2

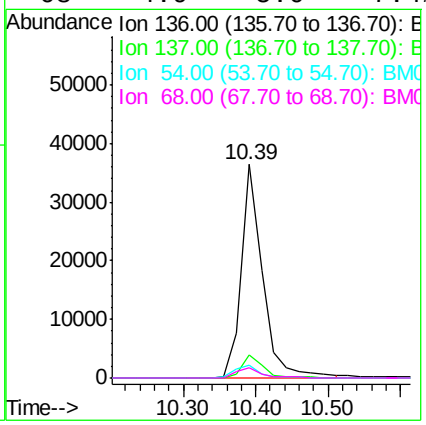


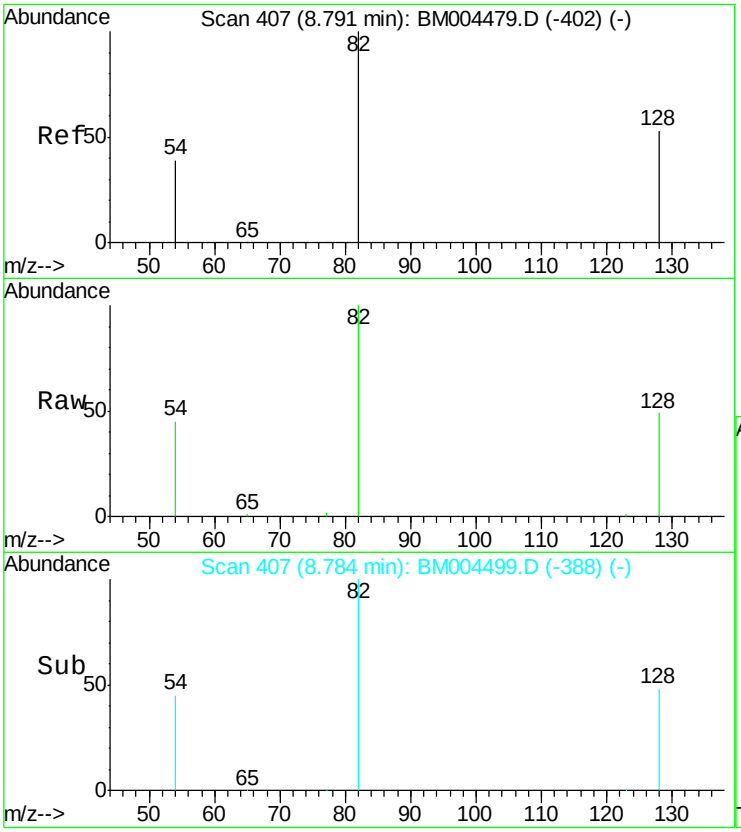


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:136 Resp: 73201

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.2
54	6.1	6.4	9.6#
68	4.9	5.0	7.4#



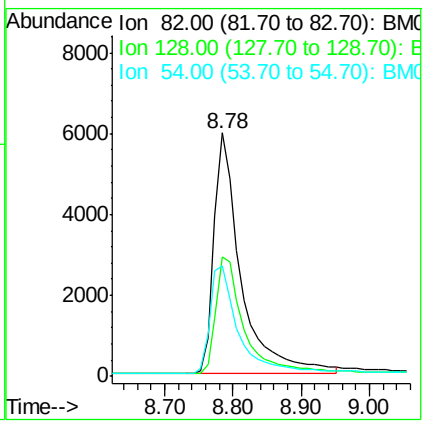


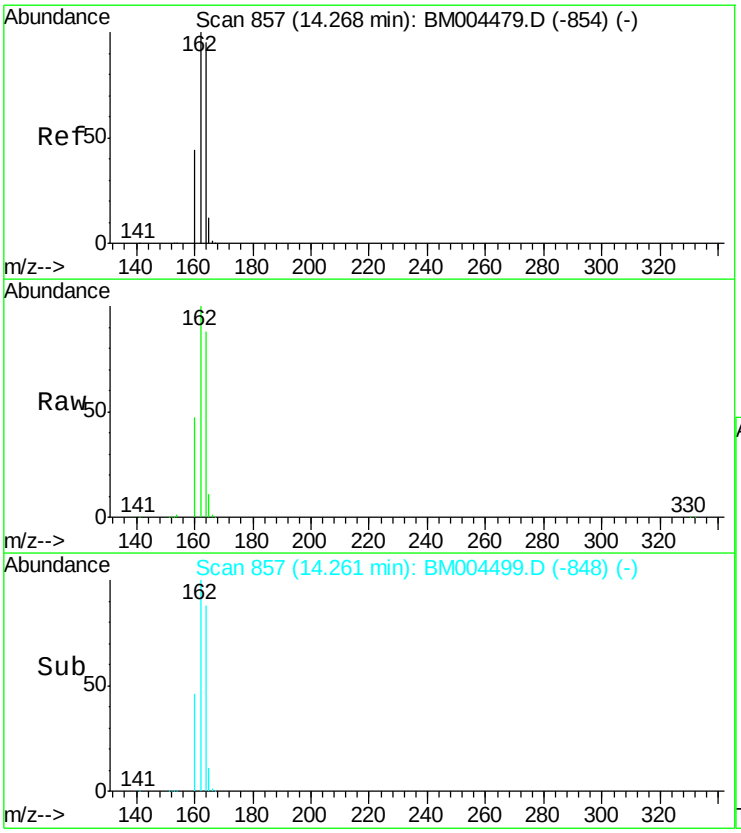
#8
Nitrobenzene-d5
Concen: 4.36 ng
RT: 8.78 min Scan# 407
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion: 82 Resp: 16260

Ion	Ratio	Lower	Upper
82	100		
128	49.0	43.7	65.5
54	45.4	33.5	50.3

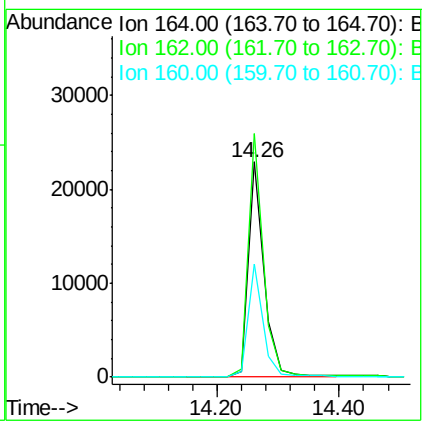


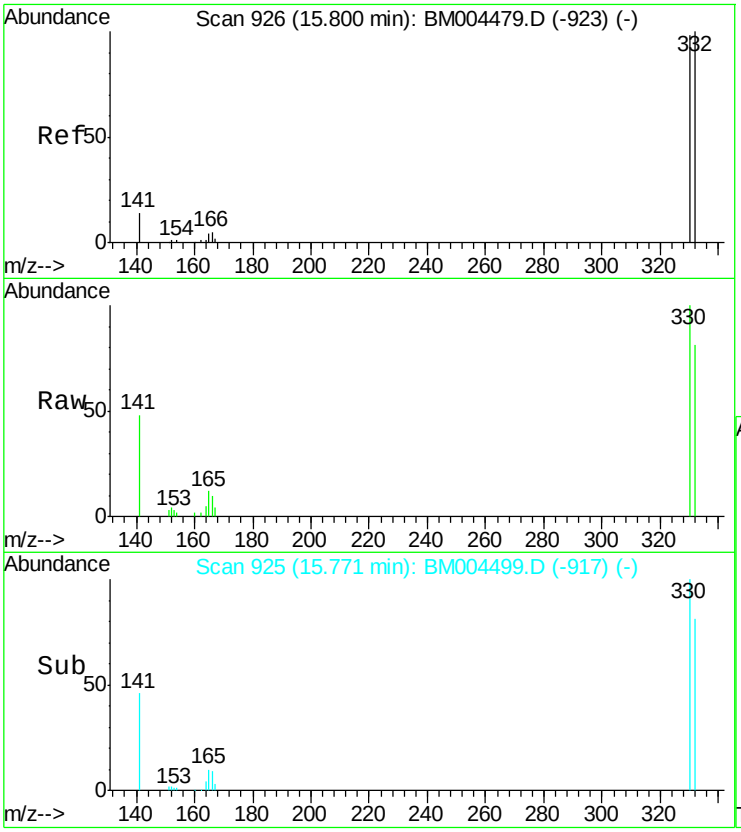


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.26 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:164 Resp: 40555

Ion	Ratio	Lower	Upper
164	100		
162	113.2	84.2	126.4
160	52.8	37.4	56.2



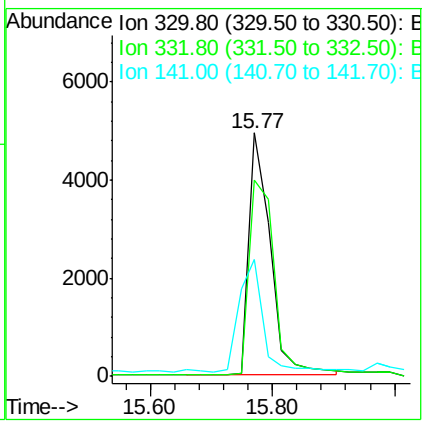


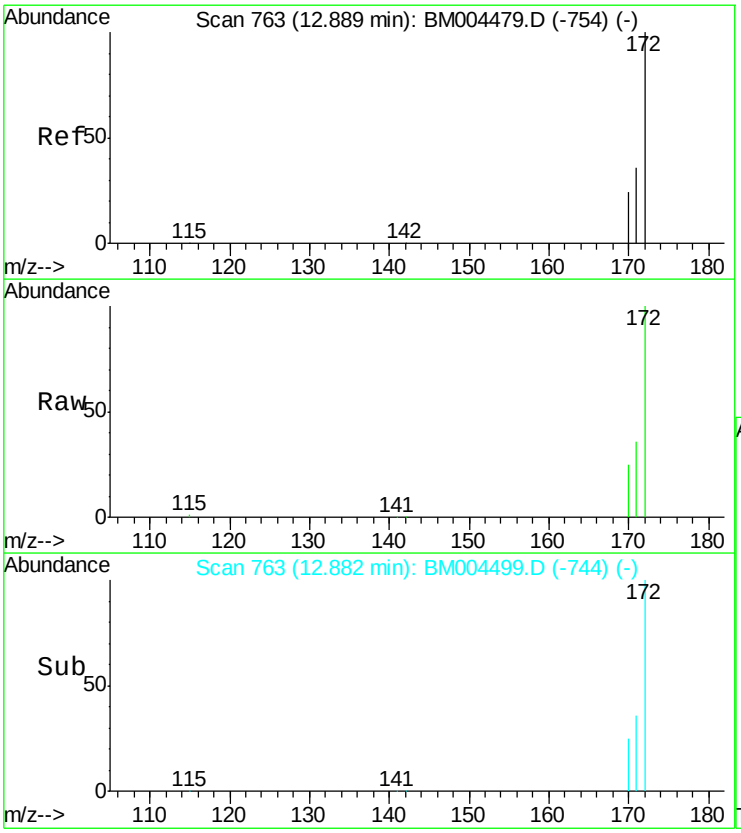
#14
2,4,6-Tribromophenol
Concen: 7.69 ng
RT: 15.77 min Scan# 925
Delta R.T. -0.03 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion:330 Resp: 11987

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.1	114.1
141	51.6	0.0	0.0#

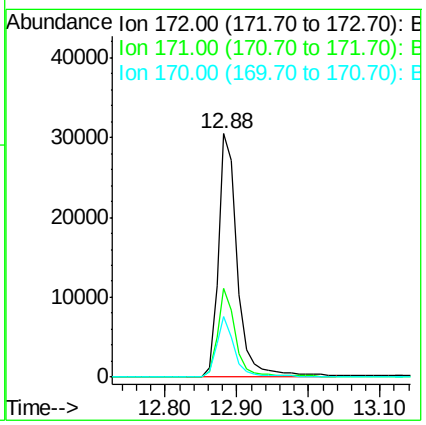


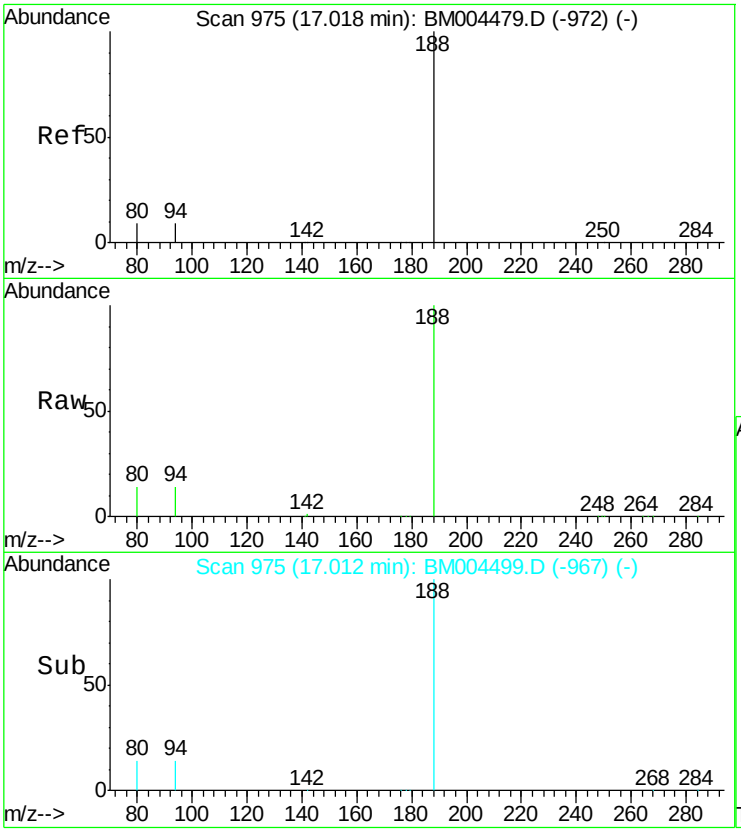


#15
2-Fluorobiphenyl
Concen: 4.53 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:172 Resp: 56315

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.8	19.7	29.5



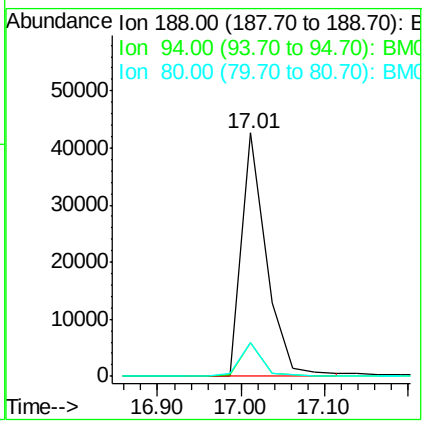


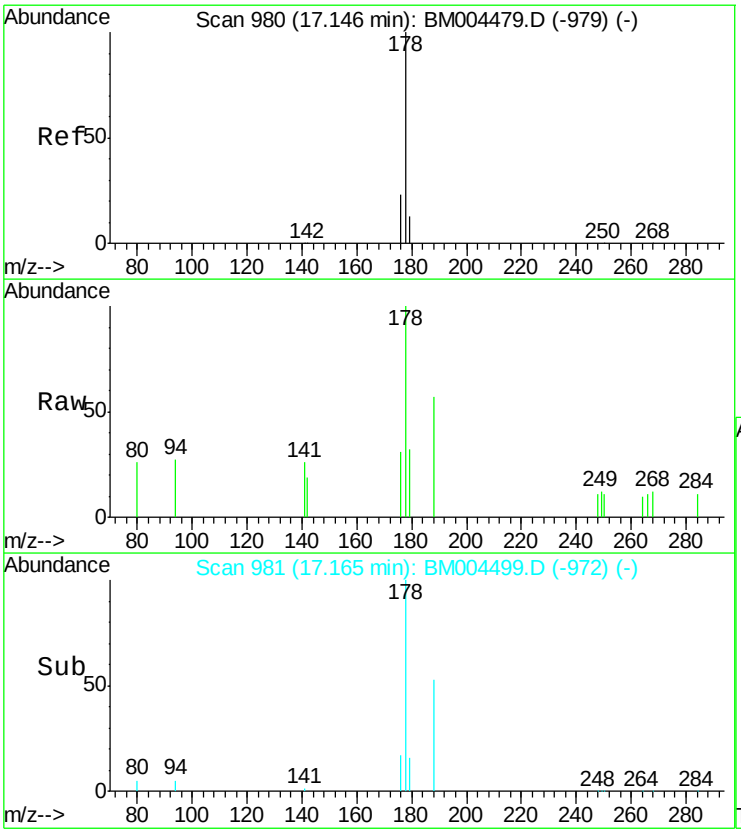
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.01 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion:188 Resp: 88646

Ion	Ratio	Lower	Upper
188	100		
94	14.0	7.4	11.0#
80	14.0	6.9	10.3#

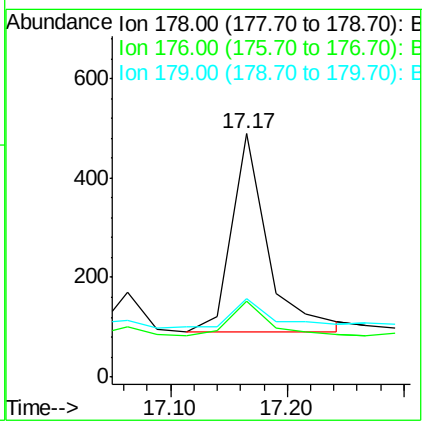


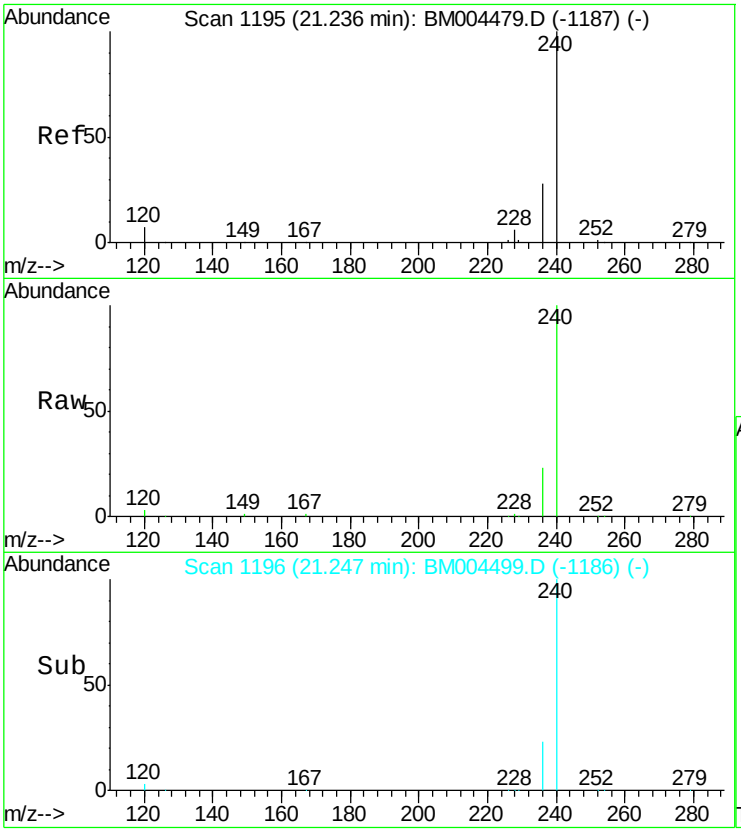


#24
Anthracene
Concen: 0.03 ng
RT: 17.17 min Scan# 981
Delta R.T. 0.02 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:178 Resp: 865

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	16.3	13.6	20.4



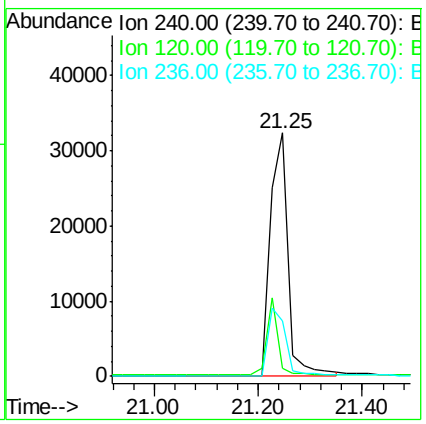


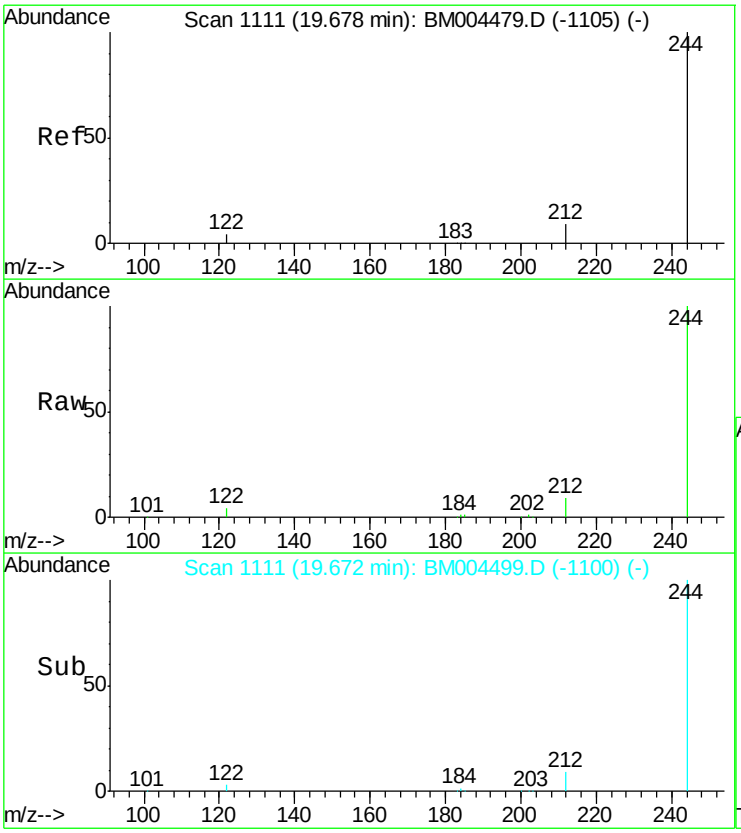
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion:240 Resp: 77938

Ion	Ratio	Lower	Upper
240	100		
120	3.3	6.1	9.1#
236	22.9	22.6	34.0

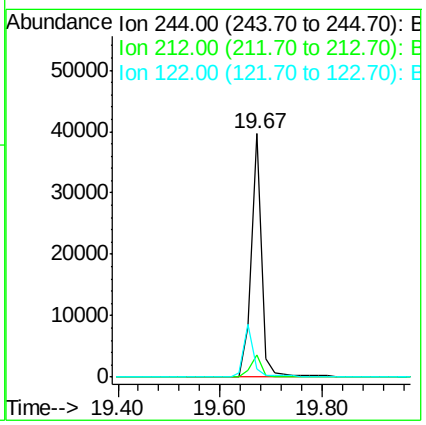


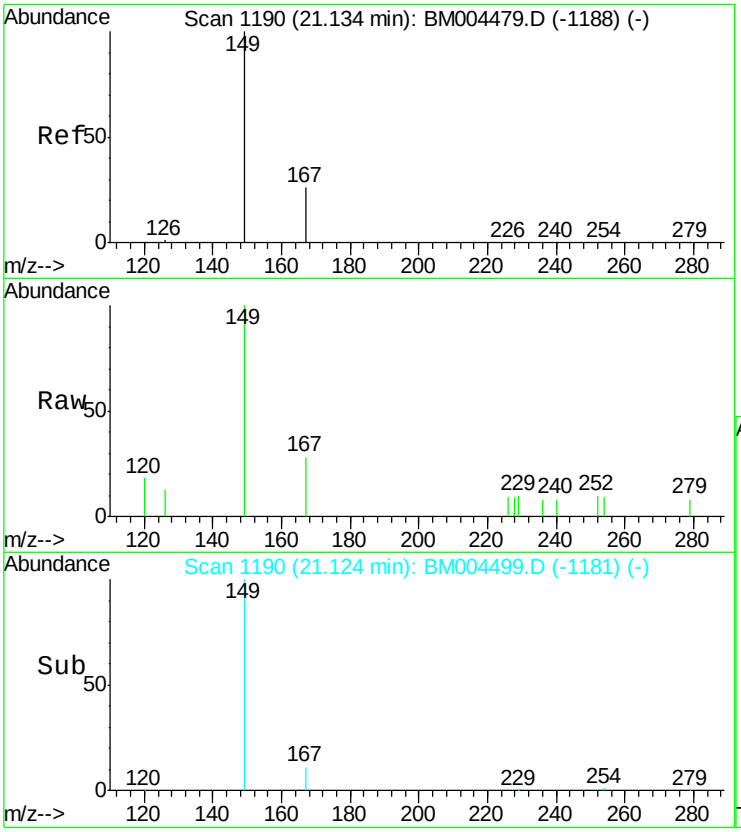


#29
Terphenyl-d14
Concen: 5.41 ng
RT: 19.67 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:244 Resp: 54256

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.5	11.3
122	3.5	4.2	6.2#



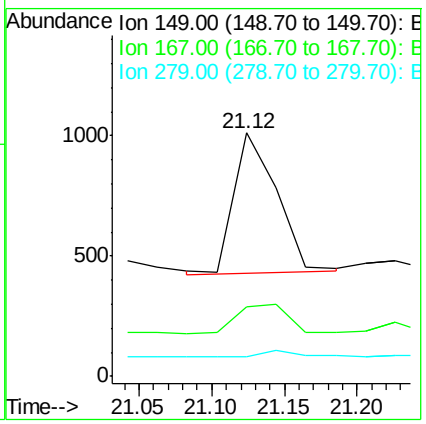


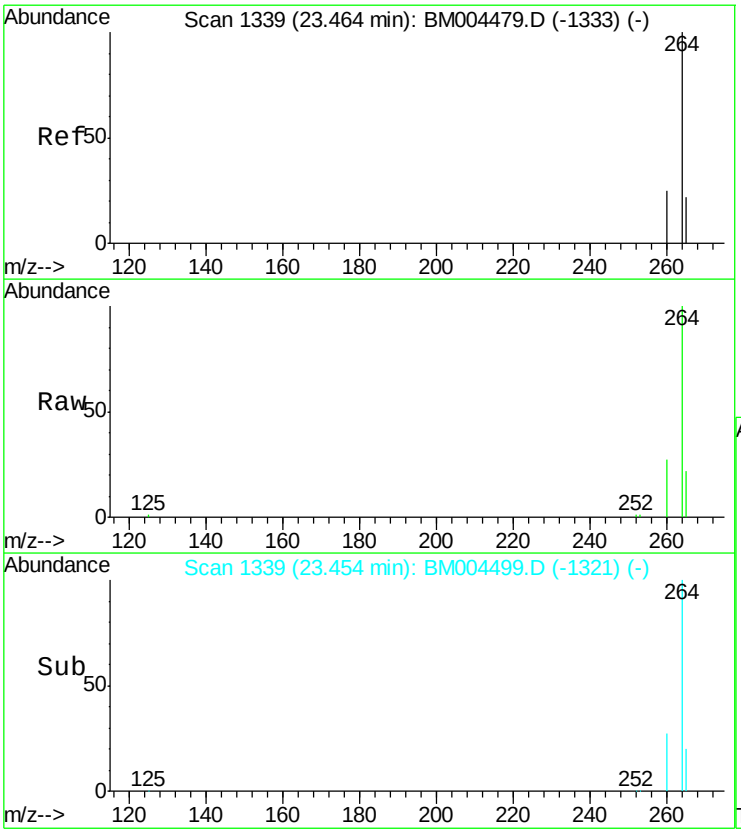
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 21.12 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Instrument :
BNA_M
ClientSampleId :
KY038PS027-160217

Tgt Ion:149 Resp: 1196

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.2	31.8#
279	0.0	0.0	0.0





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.45 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM004499.D
Acq: 01 Mar 2016 09:53

Tgt Ion:264 Resp: 77701

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	21.8	18.9	28.3