Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096304.D
Acq On : 29 Jun 2017 21:03
Operator : SJ/MA
Sample : I3882-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Quant Time: Jun 30 02:55:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	180045	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	712219	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	262538	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	359906	20.00	ng	0.00
75) Chrysene-d12	13.92	240	338655	20.00	ng	0.00
86) Perylene-d12	15.34	264	265054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	188017	15.04	ng	0.00
7) Phenol-d6	6.39	99	284133	18.78	ng	0.00
23) Nitrobenzene-d5	7.32	82	153982	14.97	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	12824	6.21	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	277329	19.35	ng	-0.02
78) Terphenyl-d14	12.87	244	171072	12.60	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	37902	2.02	ng	# 99
74) Fluoranthene	12.49	202	41113	2.06	ng	94

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

Quantitation Report (LSC Reviewed)

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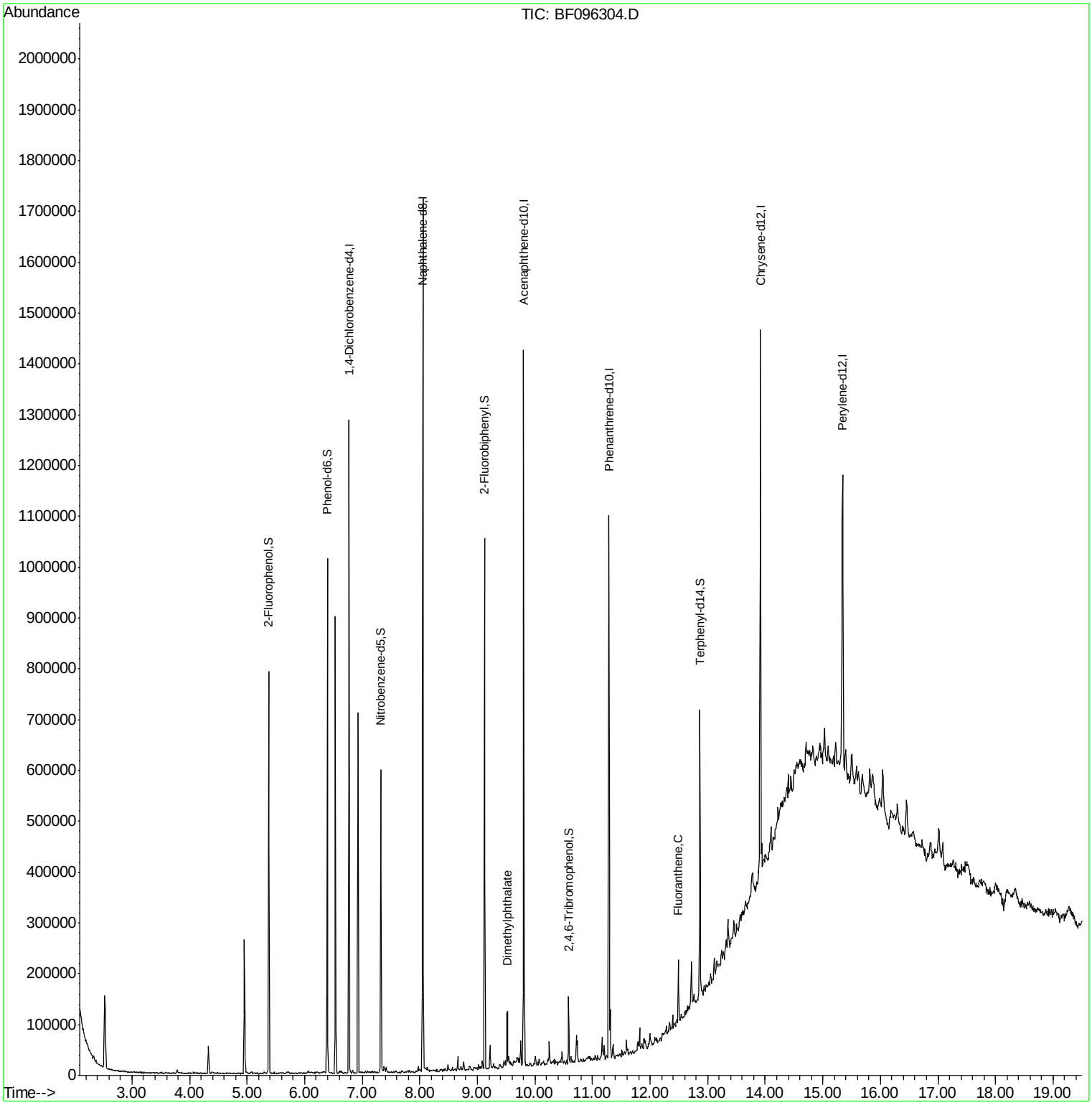
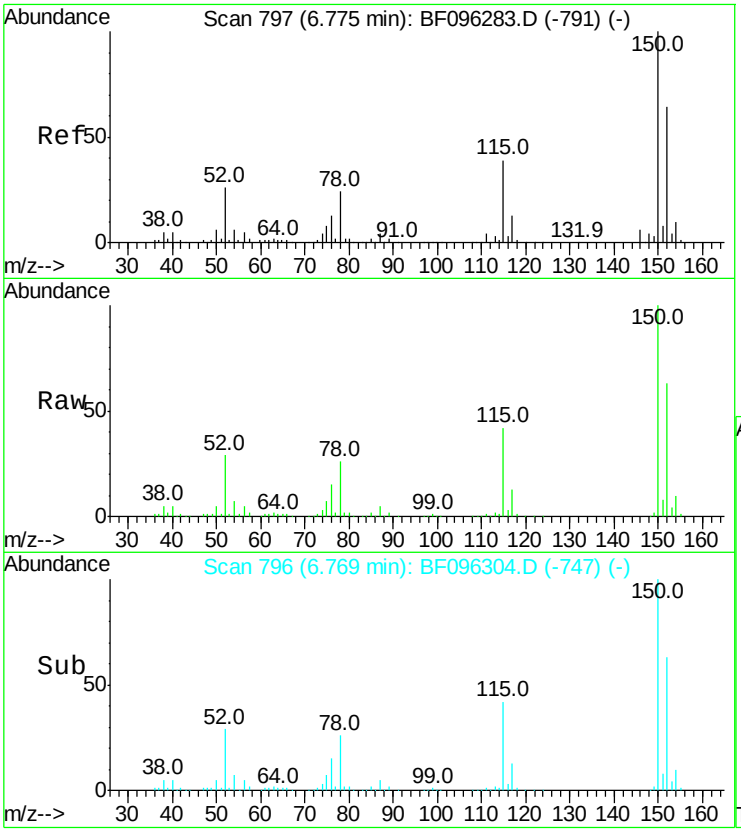


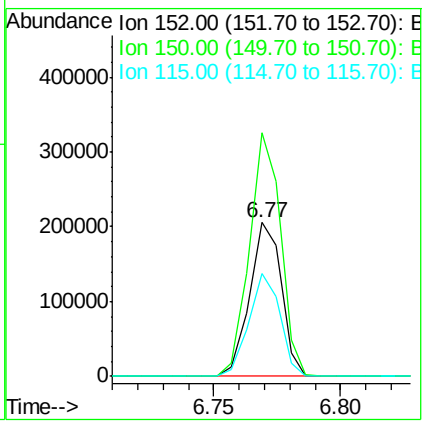


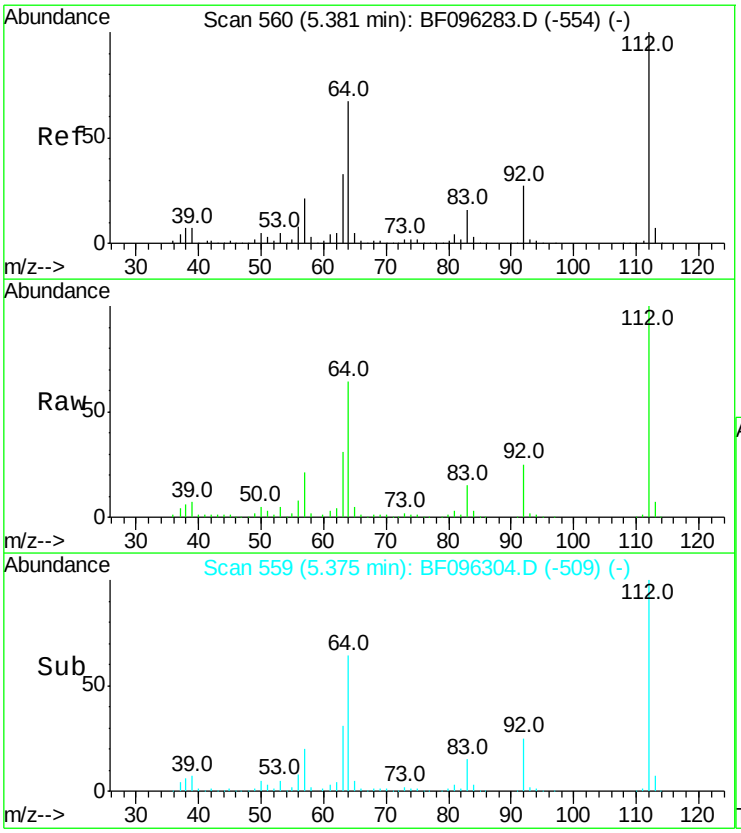
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion:152 Resp: 180045

Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	67.0	52.2	78.2

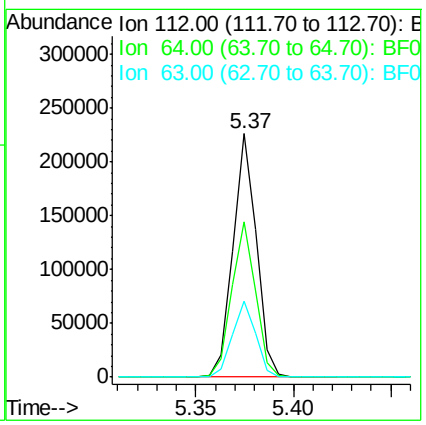


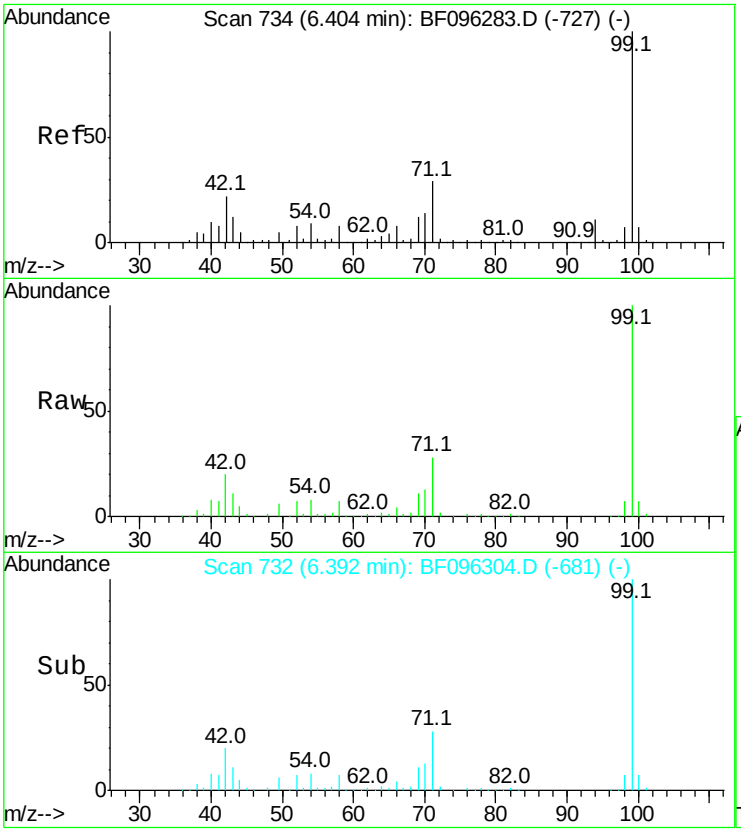


#5
2-Fluorophenol
Concen: 15.04 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:112 Resp: 188017

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	31.3	23.4	35.0



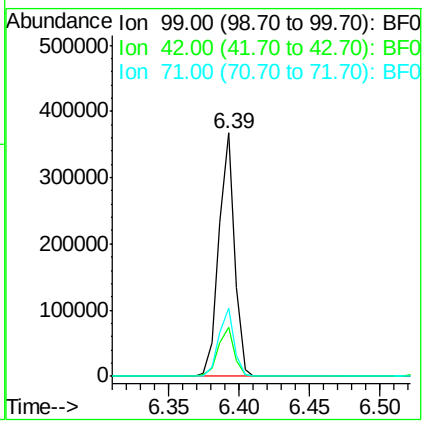


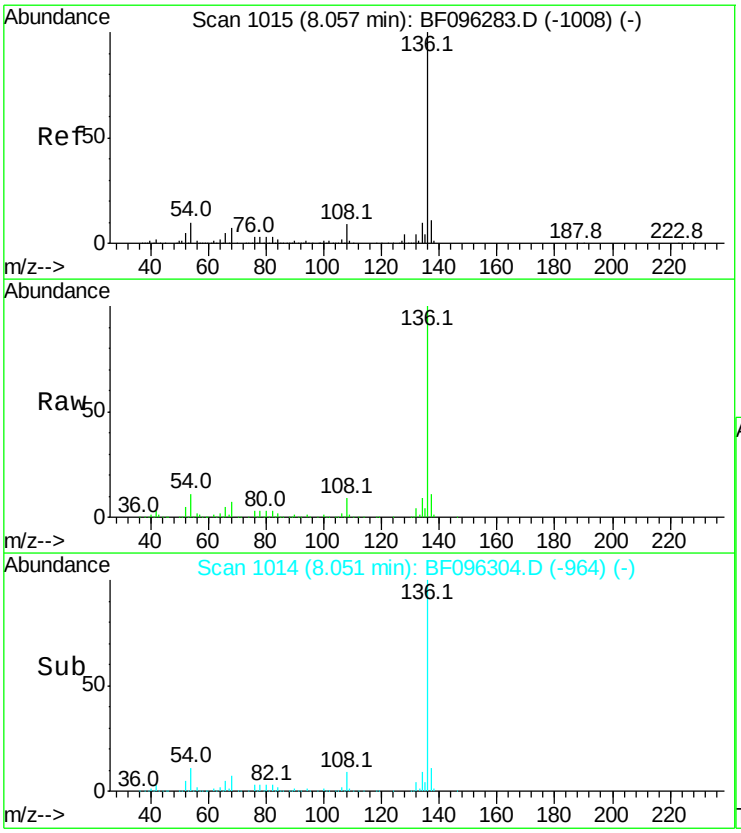
#7
Phenol-d6
Concen: 18.78 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion: 99 Resp: 284133

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	28.0	24.5	36.7

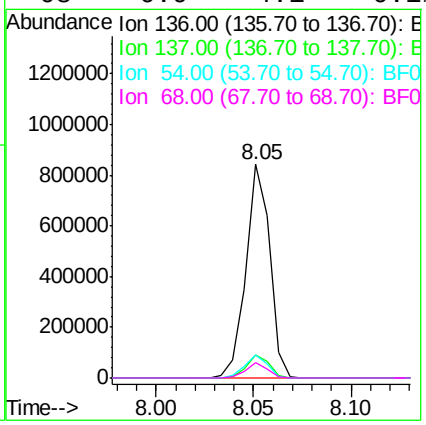


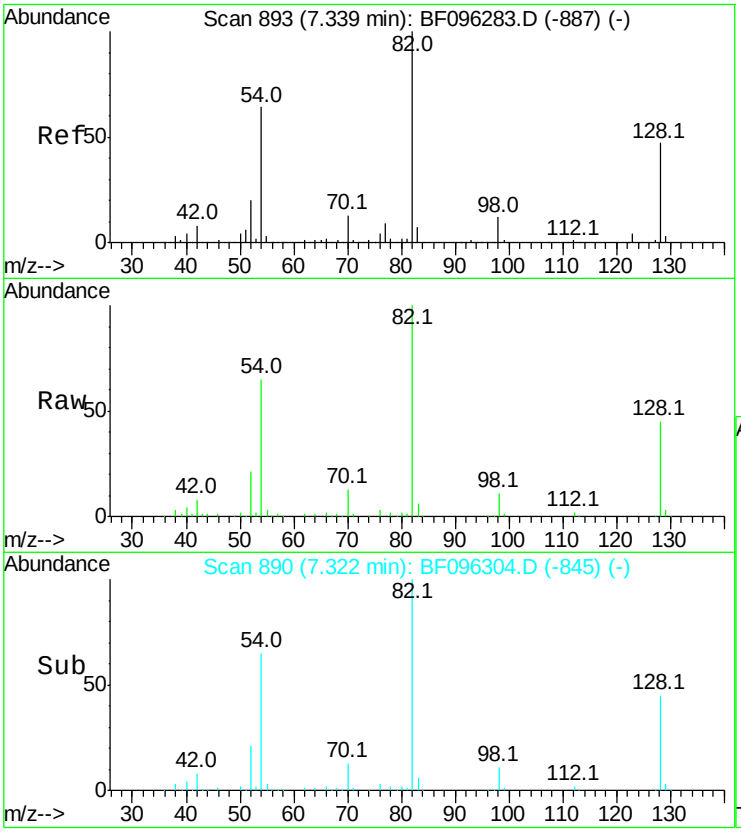


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:136 Resp: 712219

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	4.9	7.3#
68	6.9	4.1	6.1#



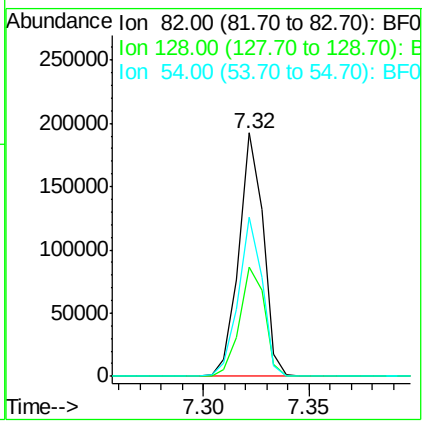


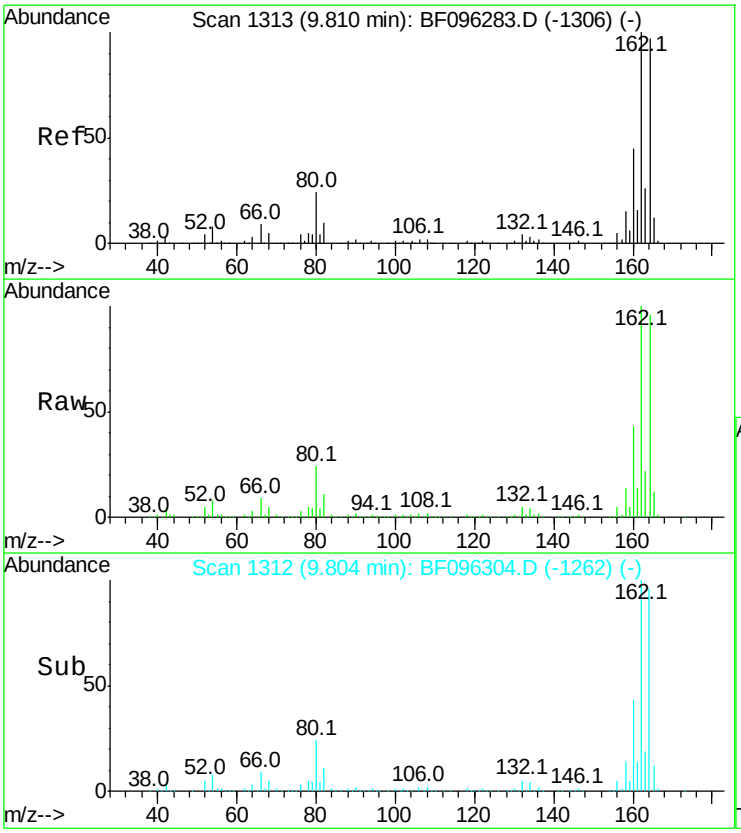
#23
Nitrobenzene-d5
Concen: 14.97 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion: 82 Resp: 153982

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	65.5	42.2	63.2#

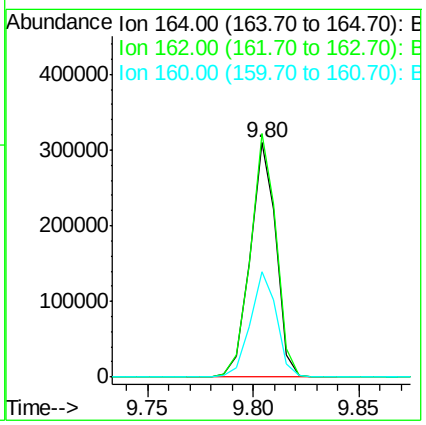


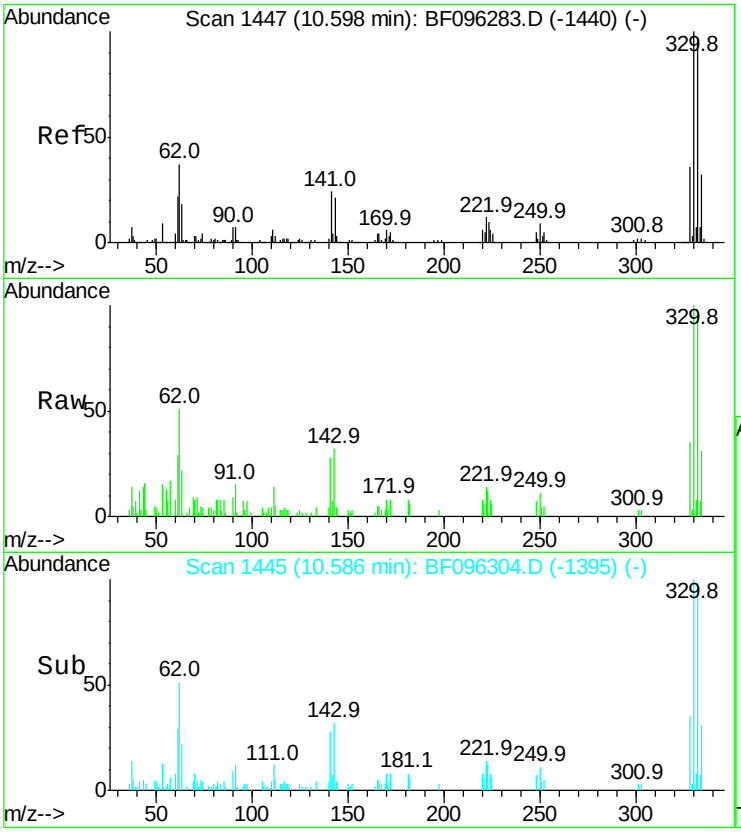


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:164 Resp: 262538

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.9	36.2	54.2



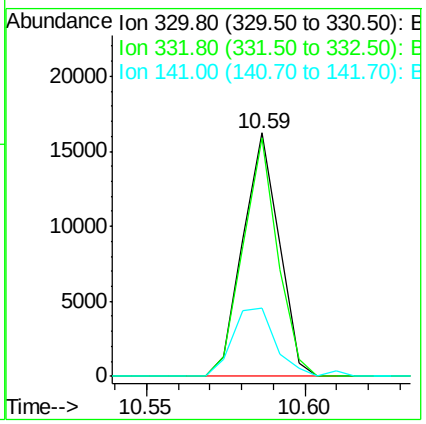


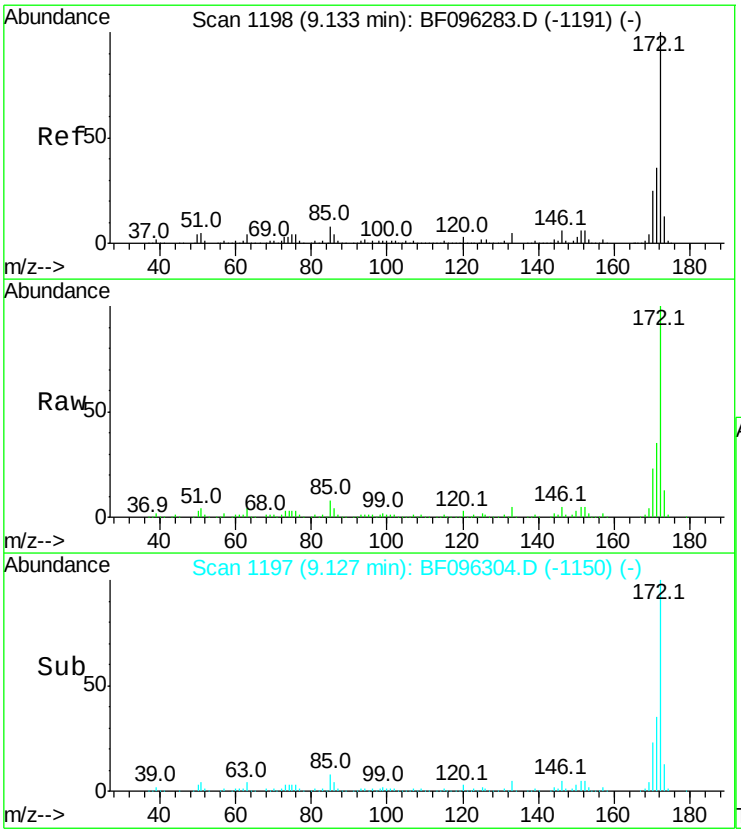
#41
2,4,6-Tribromophenol
Concen: 6.21 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion:330 Resp: 12824

Ion	Ratio	Lower	Upper
330	100		
332	93.9	76.6	115.0
141	34.3	31.4	47.2

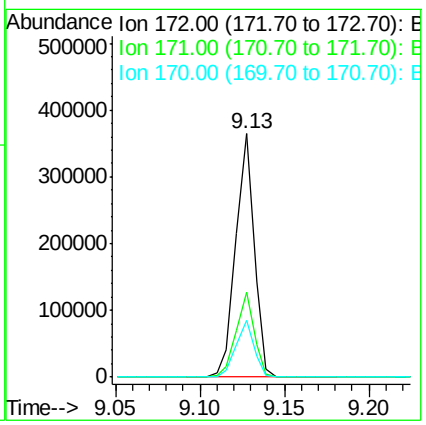


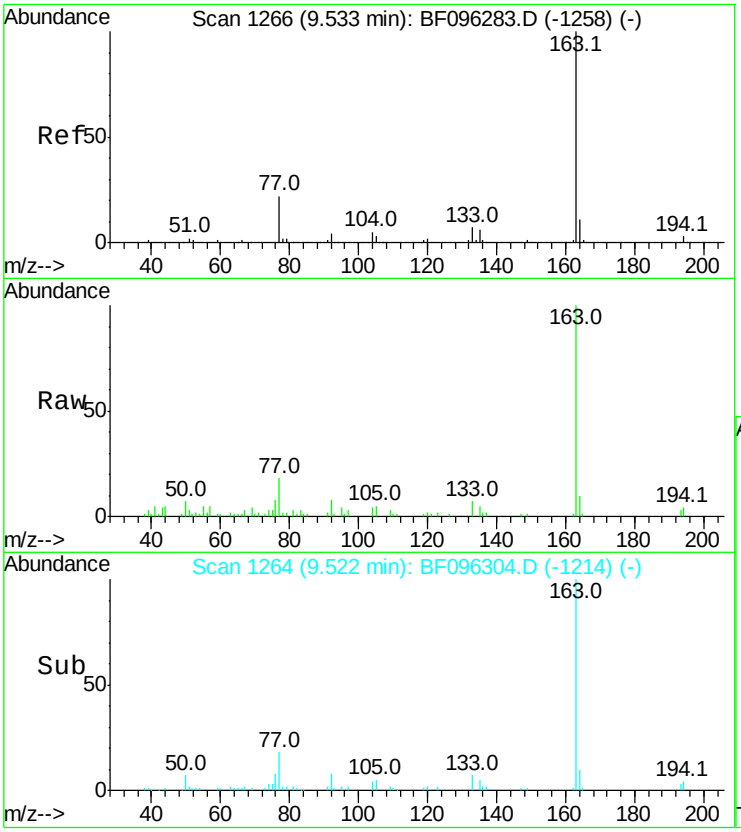


#44
2-Fluorobiphenyl
Concen: 19.35 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:172 Resp: 277329

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.5	19.8	29.8



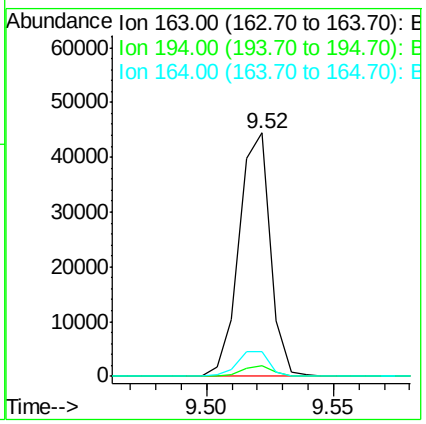


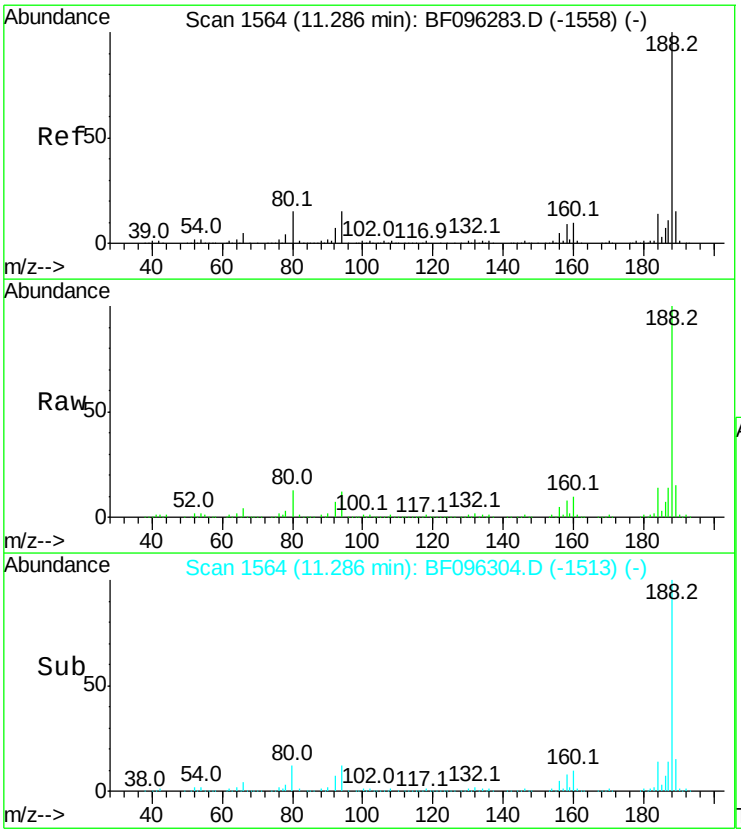
#49
Dimethylphthalate
Concen: 2.02 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion:163 Resp: 37902

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.6	4.0#
164	10.3	8.4	12.6

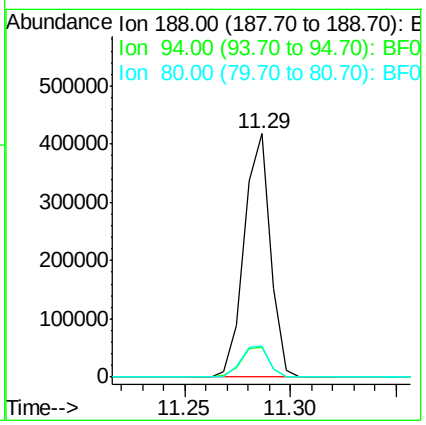


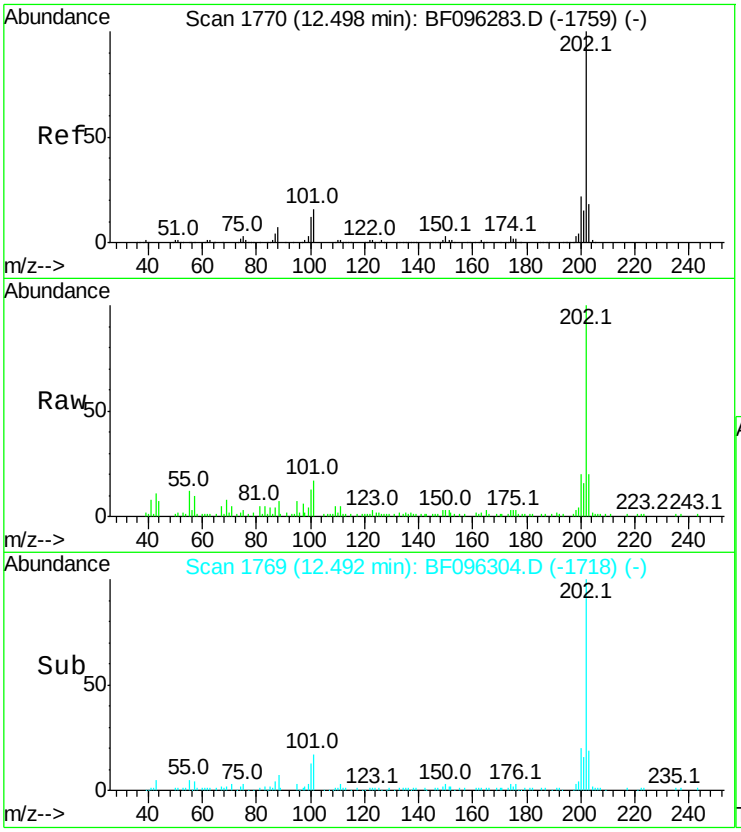


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:188 Resp: 359906

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	12.5	10.2	15.2



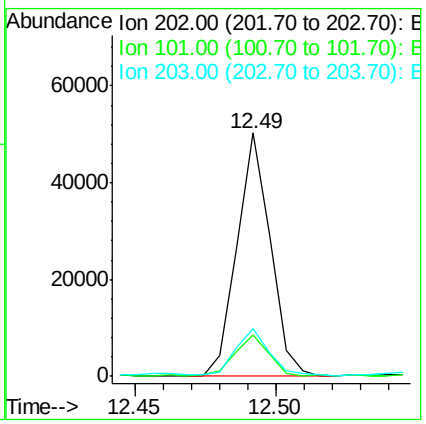


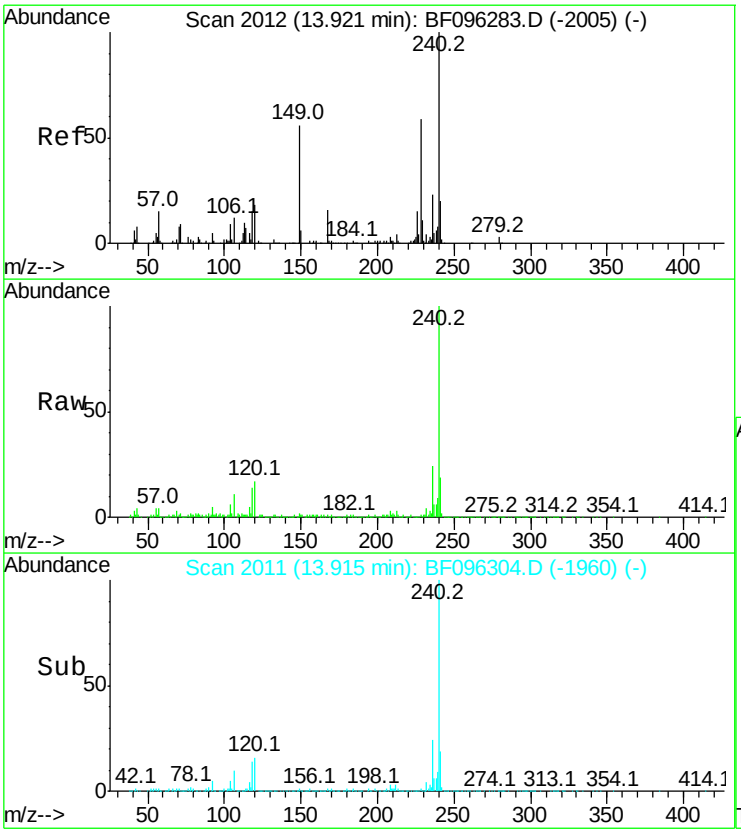
#74
Fluoranthene
Concen: 2.06 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

Tgt Ion:202 Resp: 41113

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	33.2
203	19.6	0.0	38.1

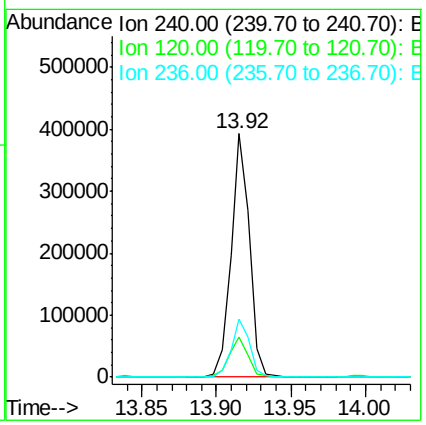


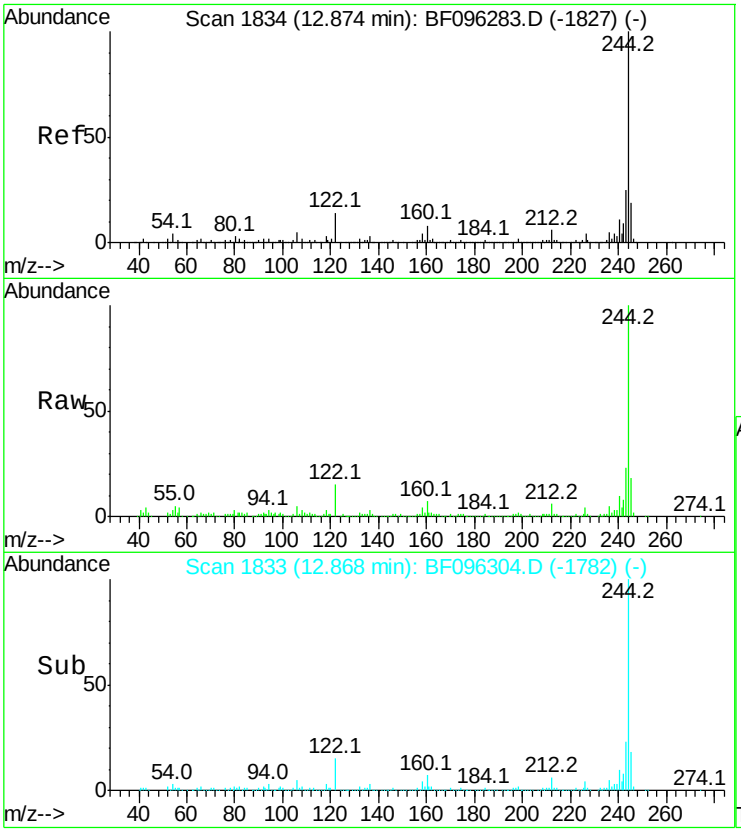


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:240 Resp: 338655

Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	23.9	20.5	30.7



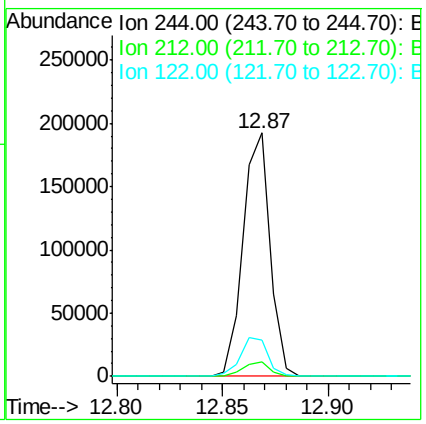


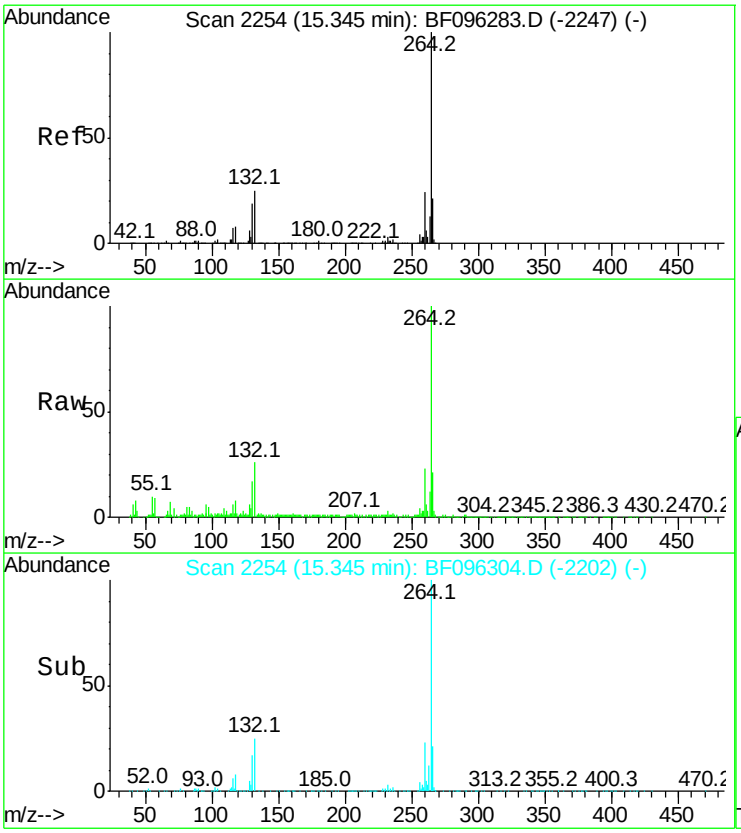
#78
Terphenyl-d14
Concen: 12.60 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Instrument :
BNA_F
ClientSampleId :
G46-0-1.5

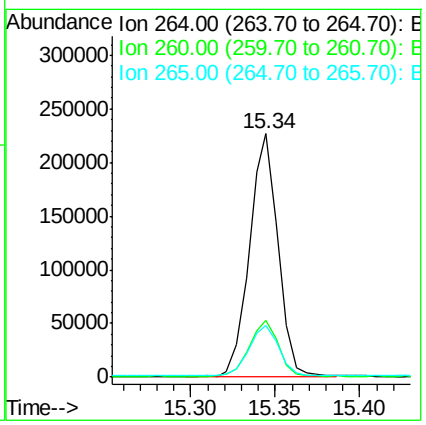
Tgt Ion:244 Resp: 171072

Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	14.7	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096304.D
Acq: 29 Jun 2017 21:03

Tgt Ion:264 Resp: 265054

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.0	17.2	25.8