Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
Data File : BF096588.D
Acq On : 8 Jul 2017 4:47
Operator : SJ/MA
Sample : I4063-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-01-070517-B

Quant Time: Jul 08 05:34:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103034	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	399751	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	153300	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	253447	20.00	ng	0.00
75) Chrysene-d12	13.84	240	205482	20.00	ng	0.00
86) Perylene-d12	15.24	264	138871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	641719	91.93	ng	0.00
7) Phenol-d6	6.34	99	812693	94.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	450954	67.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	128007	106.90	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	764396	85.25	ng	0.00
78) Terphenyl-d14	12.79	244	561213	58.36	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.35	94	26182	2.678	ng	90
49) Dimethylphthalate	9.45	163	94262	8.237	ng	99

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

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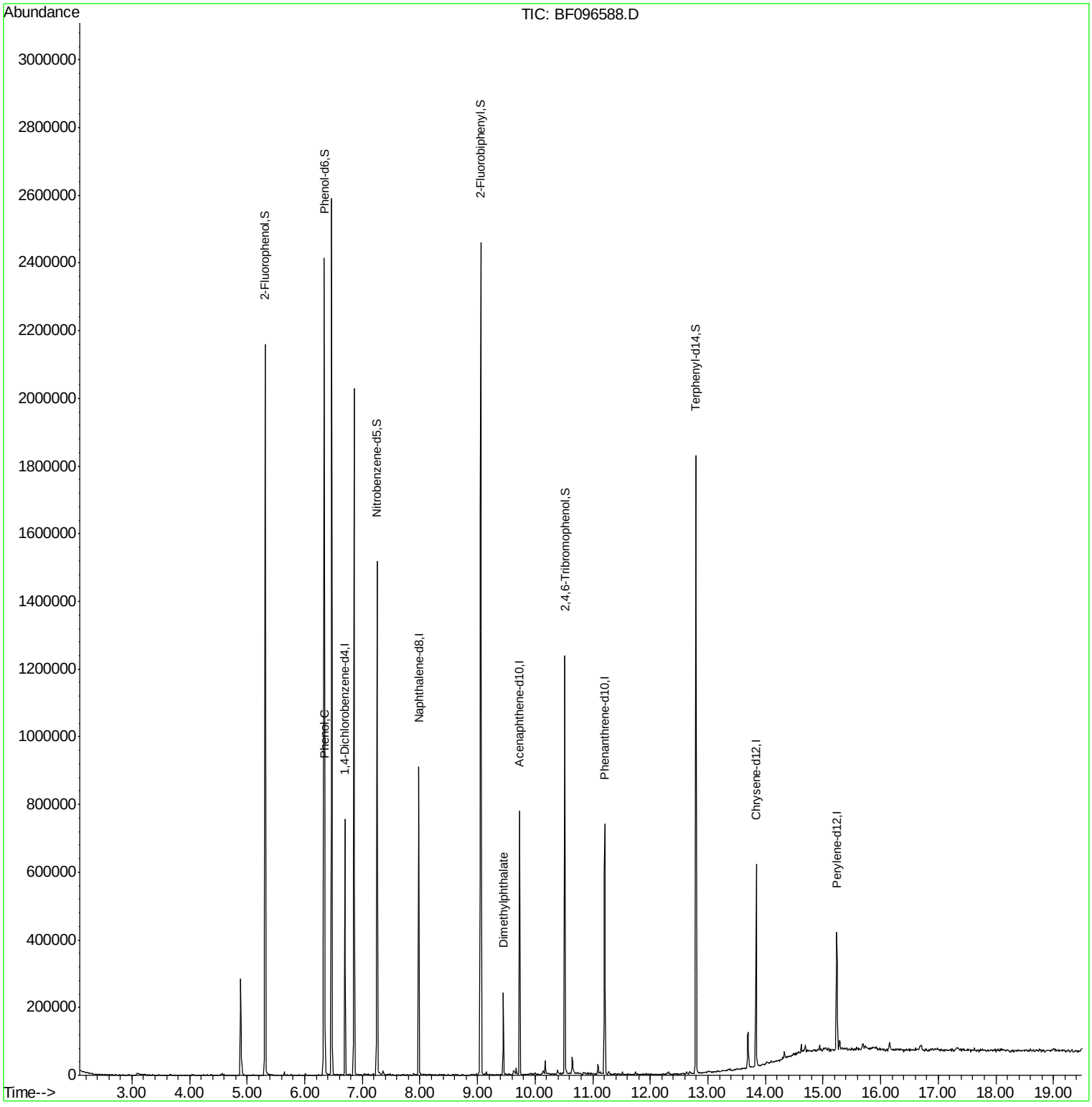
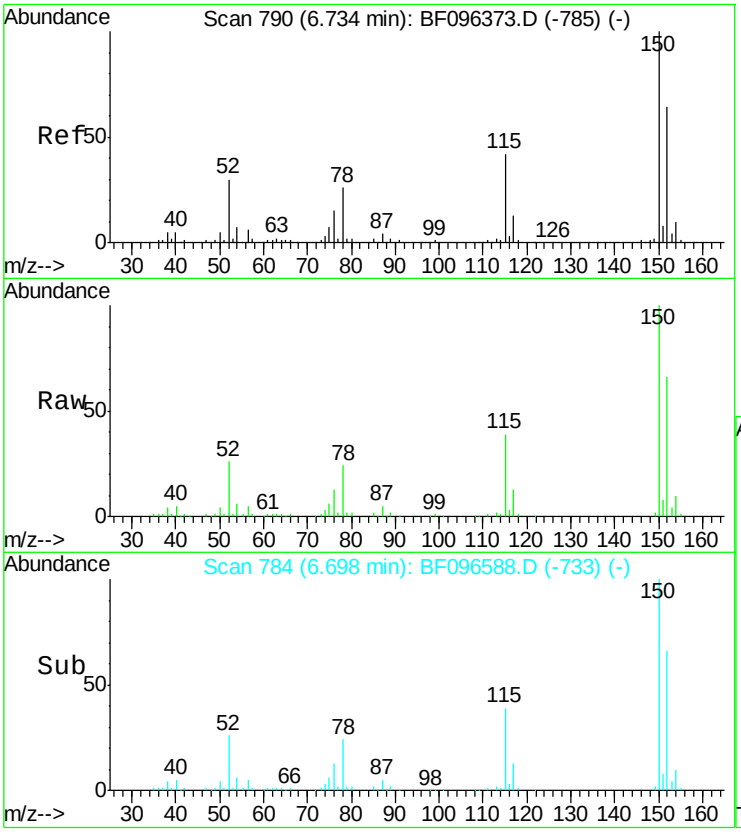


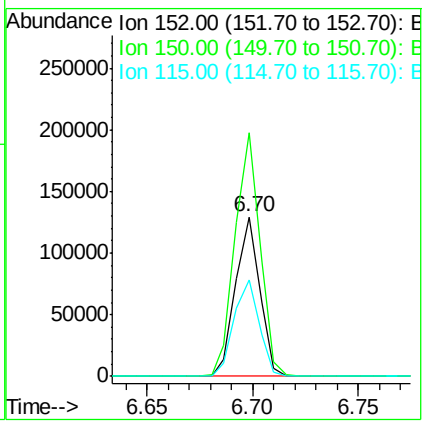


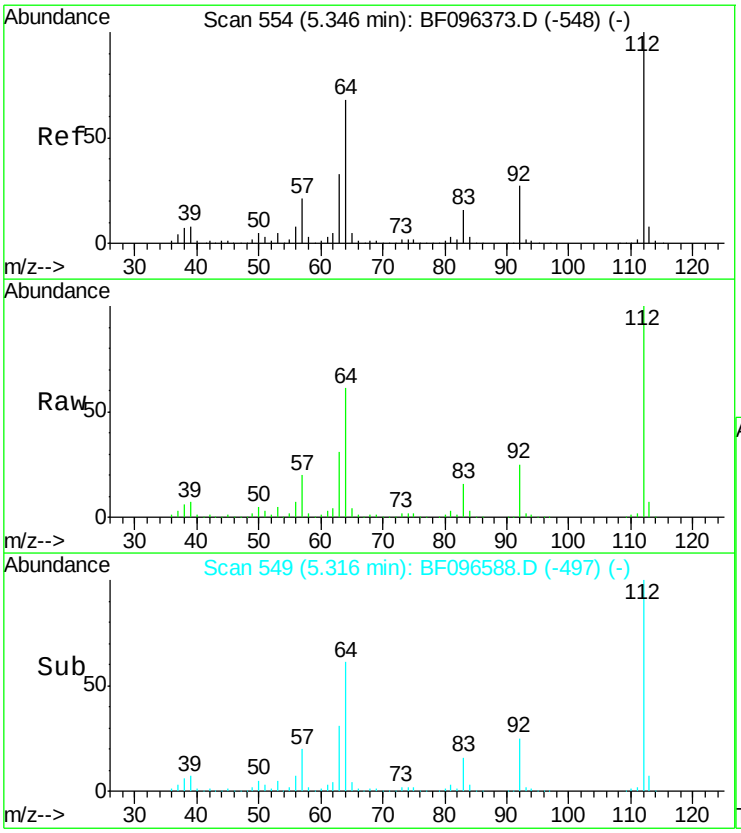
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:152 Resp: 103034

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	60.0	52.2	78.2

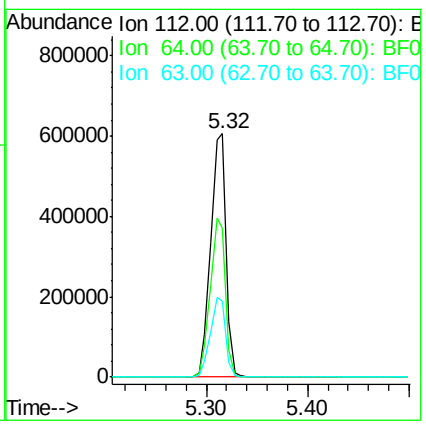


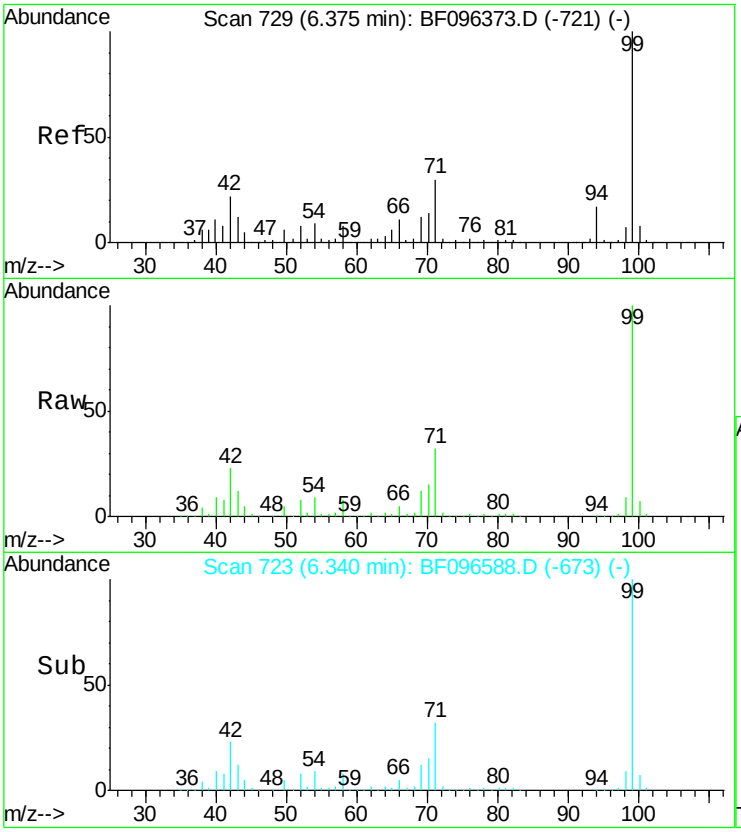


#5
2-Fluorophenol
Concen: 91.927 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:112 Resp: 641719

Ion	Ratio	Lower	Upper
112	100		
64	61.1	46.0	69.0
63	31.0	23.4	35.0



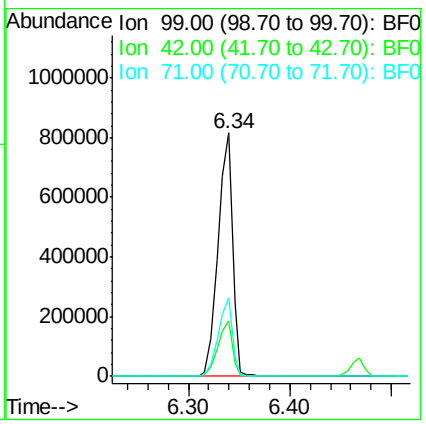


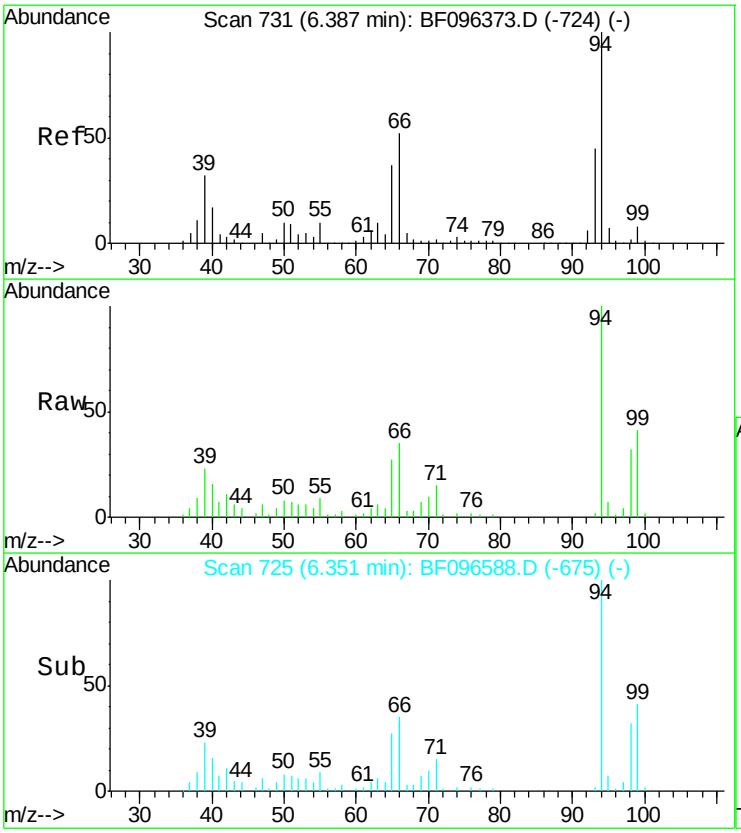
#7
Phenol-d6
Concen: 94.698 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion: 99 Resp: 812693

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.2	24.5	36.7

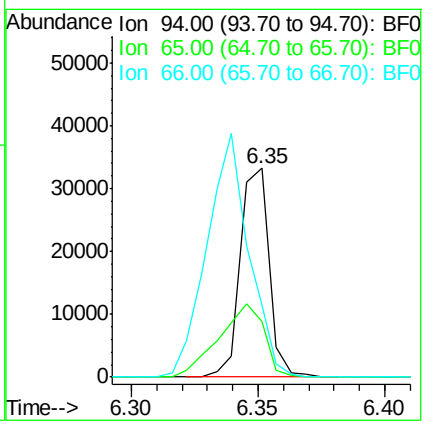


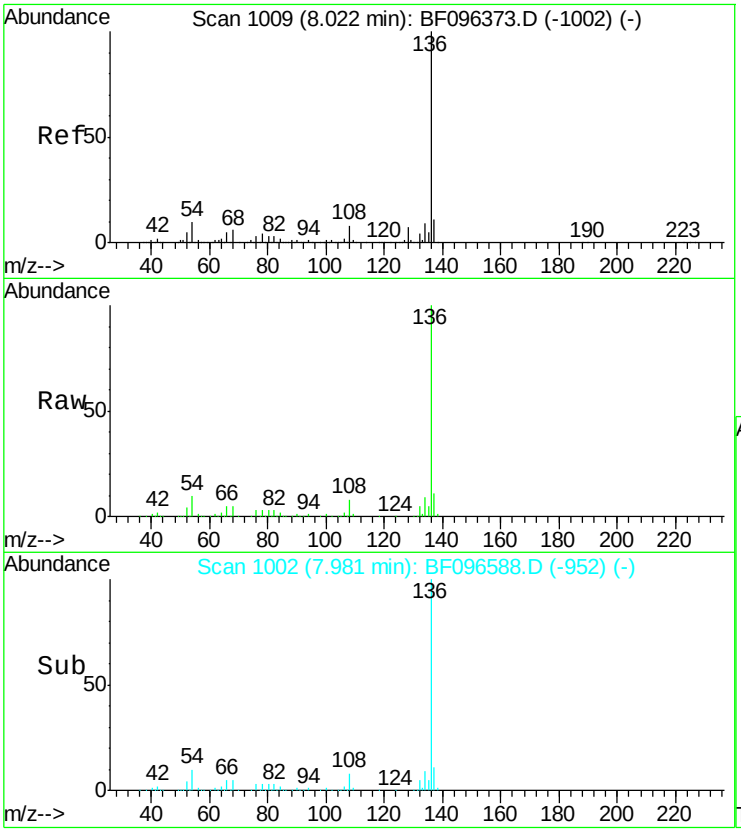


#10
Phenol
Concen: 2.678 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion: 94 Resp: 26182

Ion	Ratio	Lower	Upper
94	100		
65	26.7	9.9	49.9
66	34.7	23.1	63.1



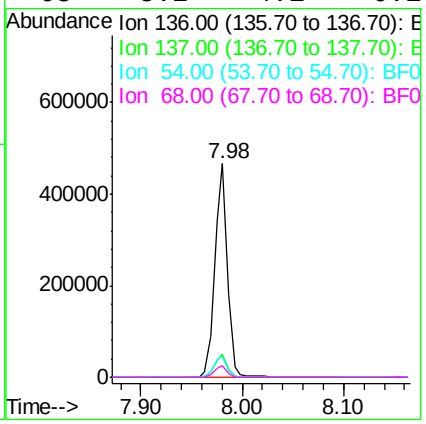


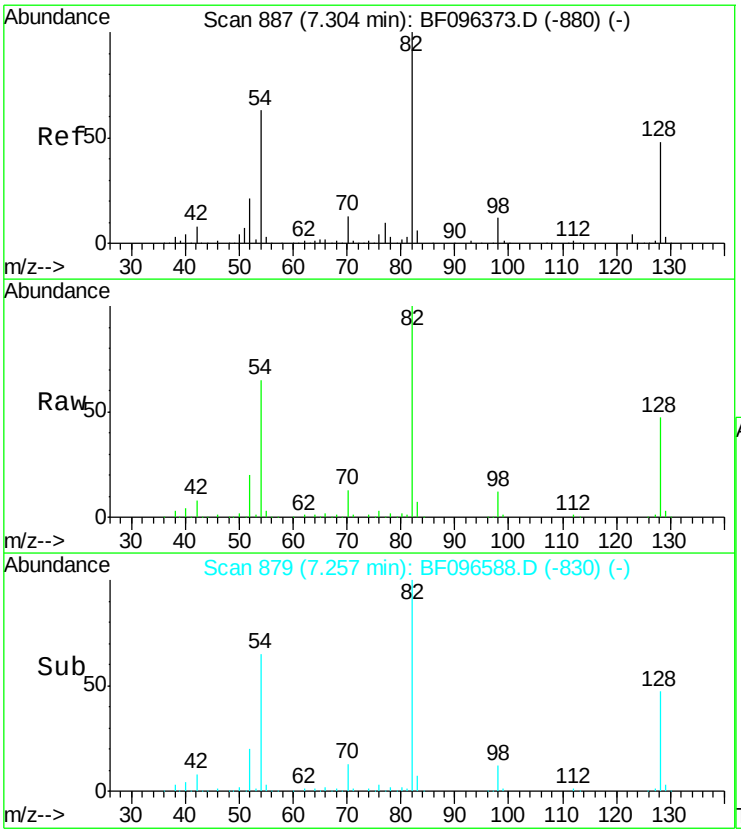
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:136 Resp: 399751

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.5	4.9	7.3#
68	5.2	4.1	6.1

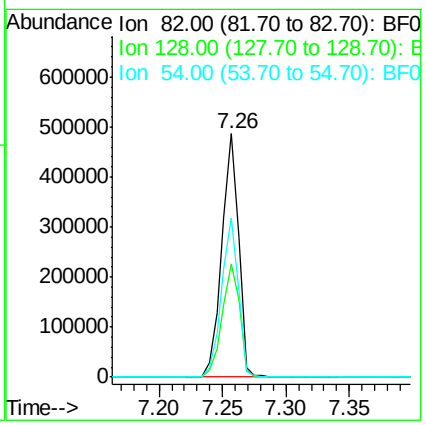


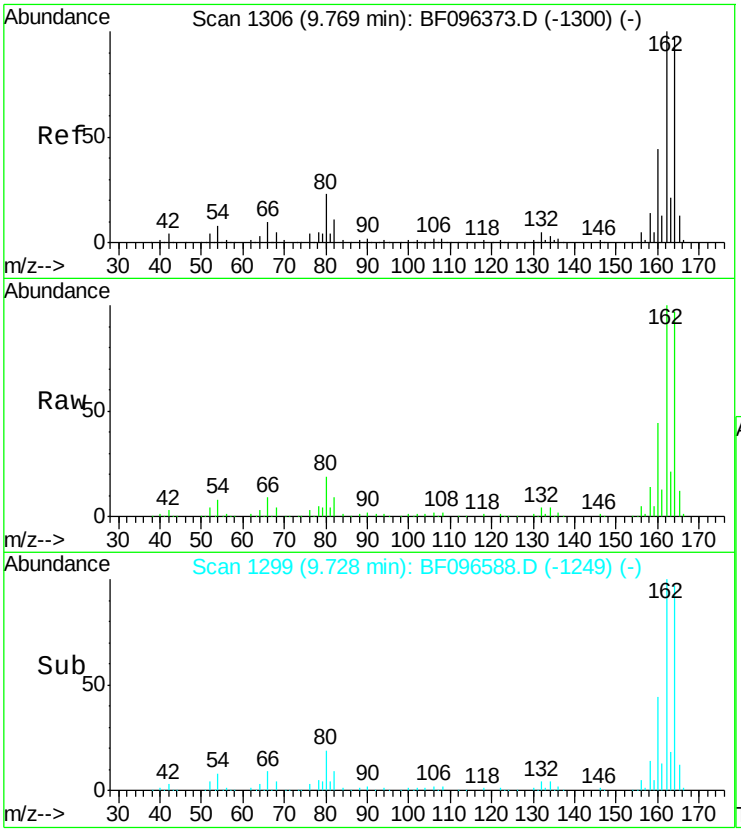


#23
Nitrobenzene-d5
Concen: 67.788 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion: 82 Resp: 450954

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	65.2	42.2	63.2#



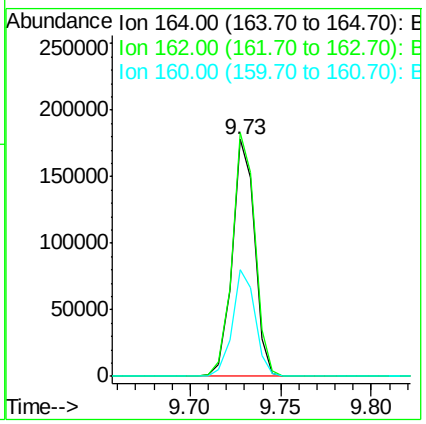


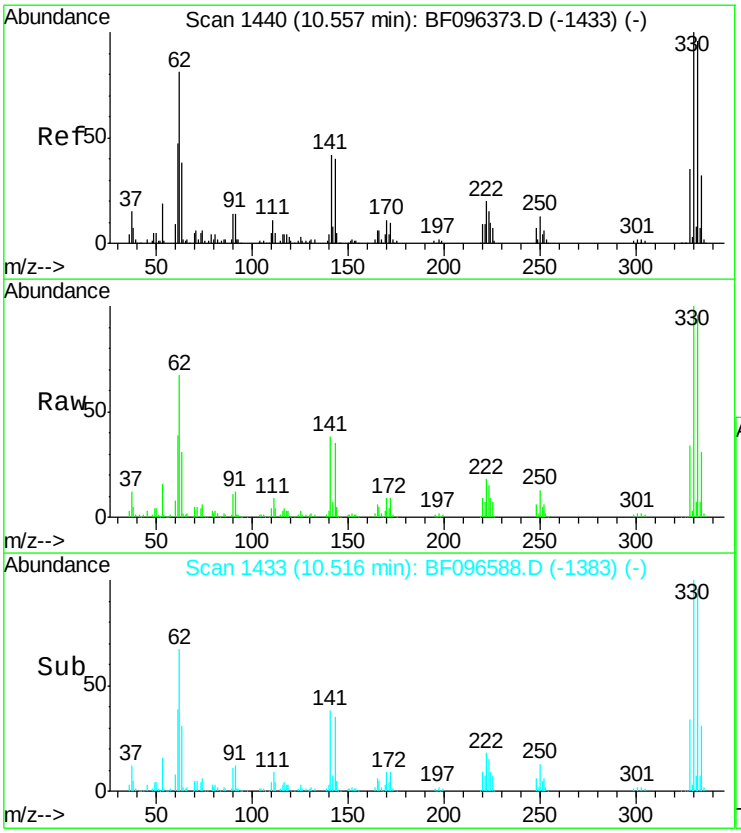
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:164 Resp: 153300

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.1	36.2	54.2

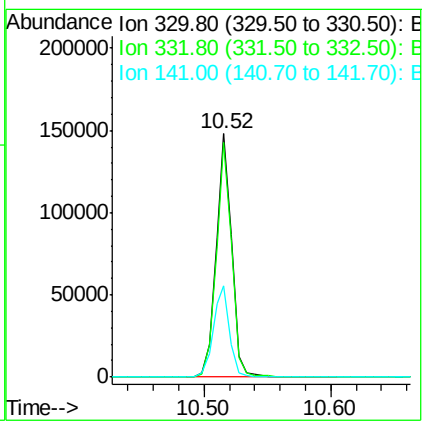


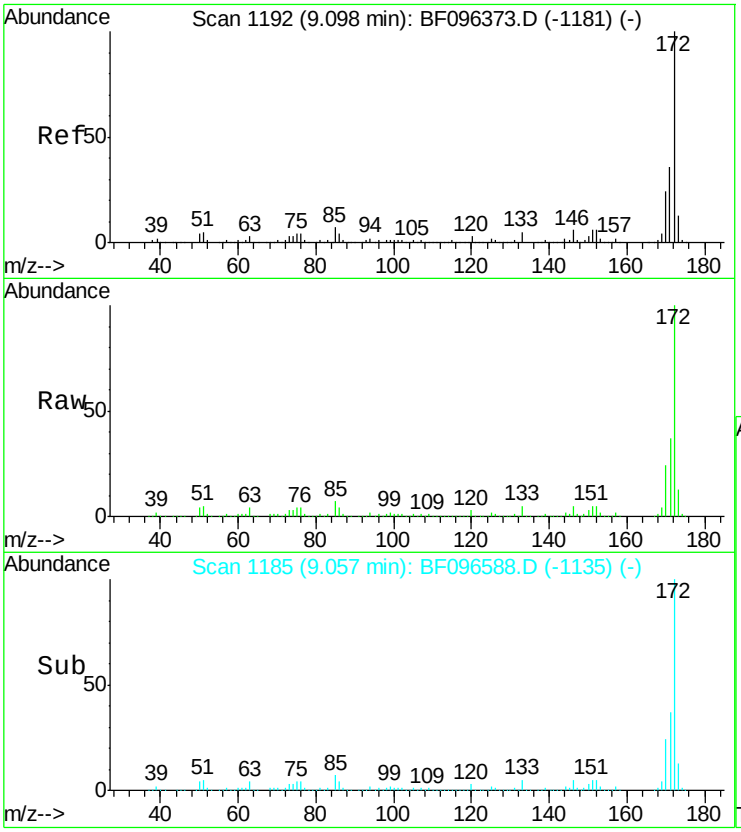


#41
2,4,6-Tribromophenol
Concen: 106.899 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:330 Resp: 128007

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	38.7	31.4	47.2



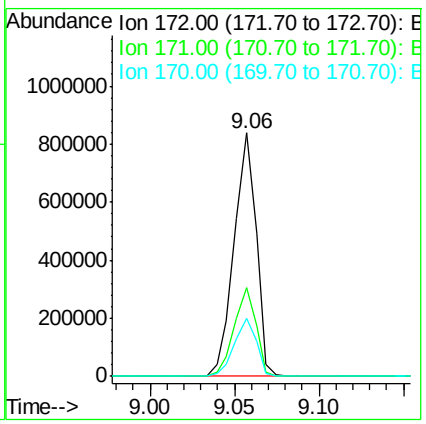


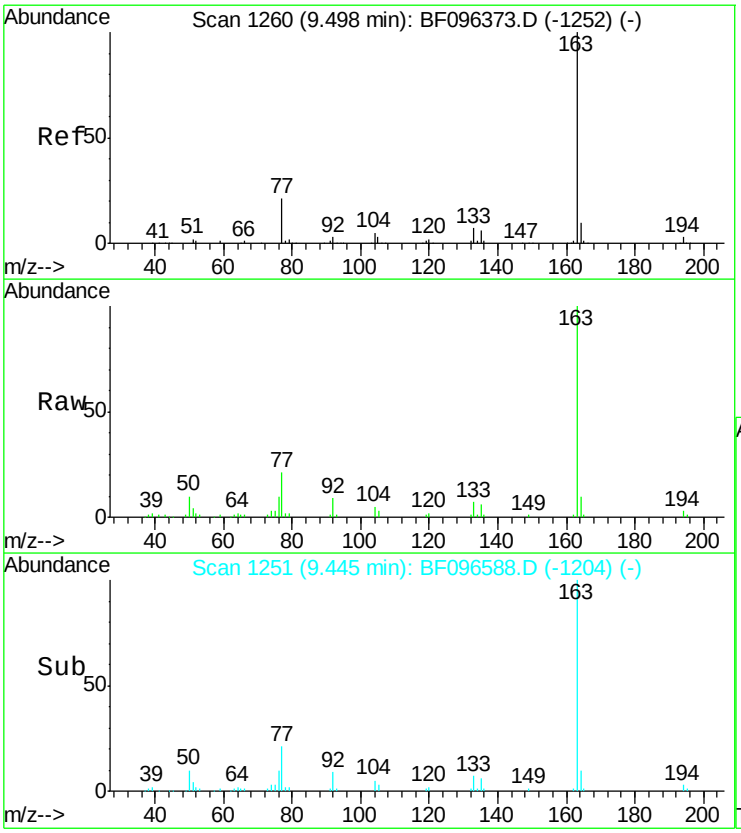
#44
2-Fluorobiphenyl
Concen: 85.254 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:172 Resp: 764396

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8

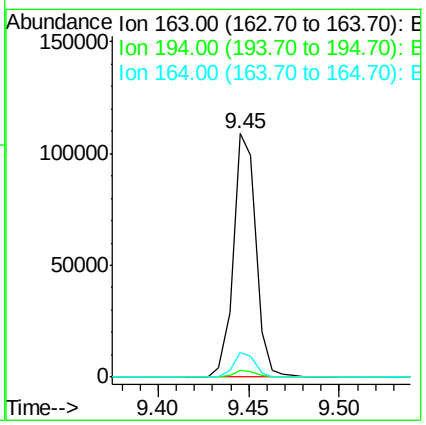


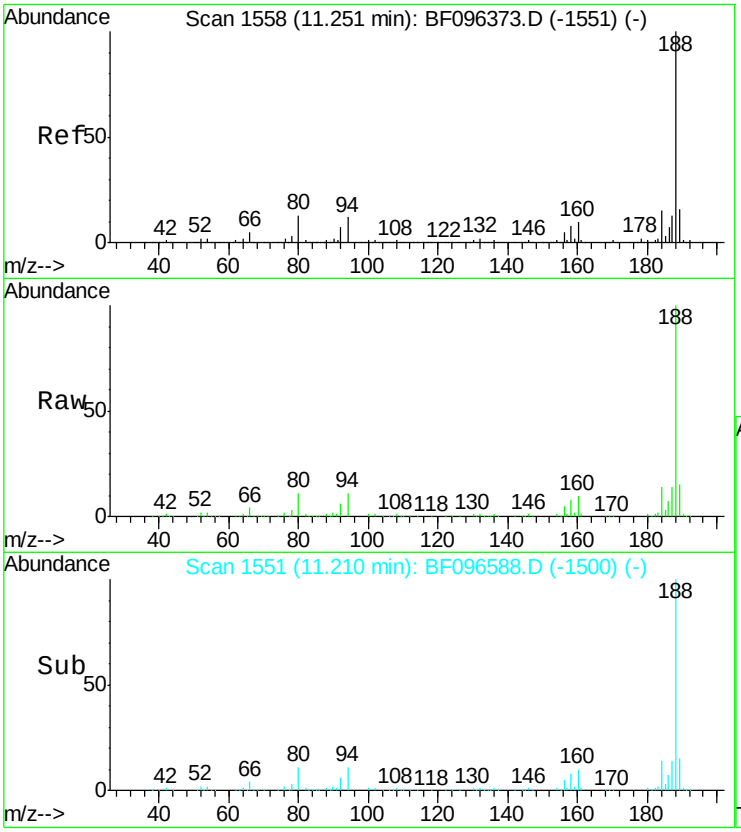


#49
Dimethylphthalate
Concen: 8.237 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:163 Resp: 94262

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.1	8.4	12.6



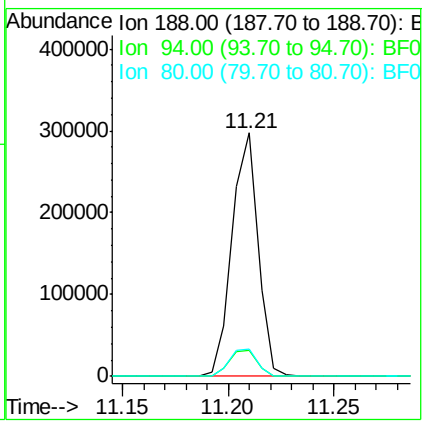


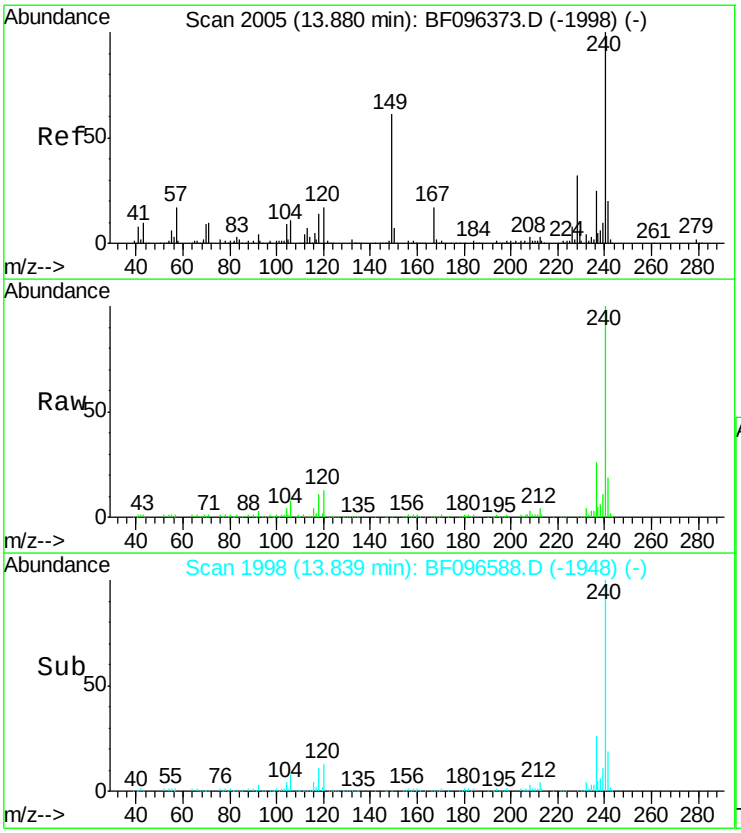
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:188 Resp: 253447

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.0	10.2	15.2

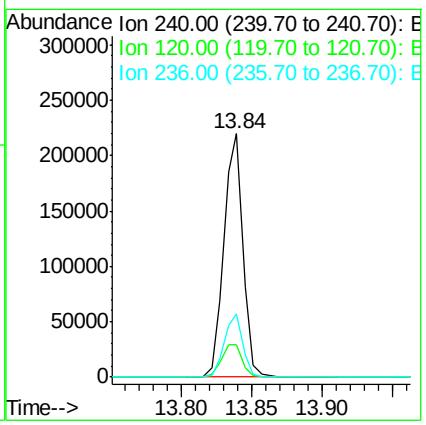


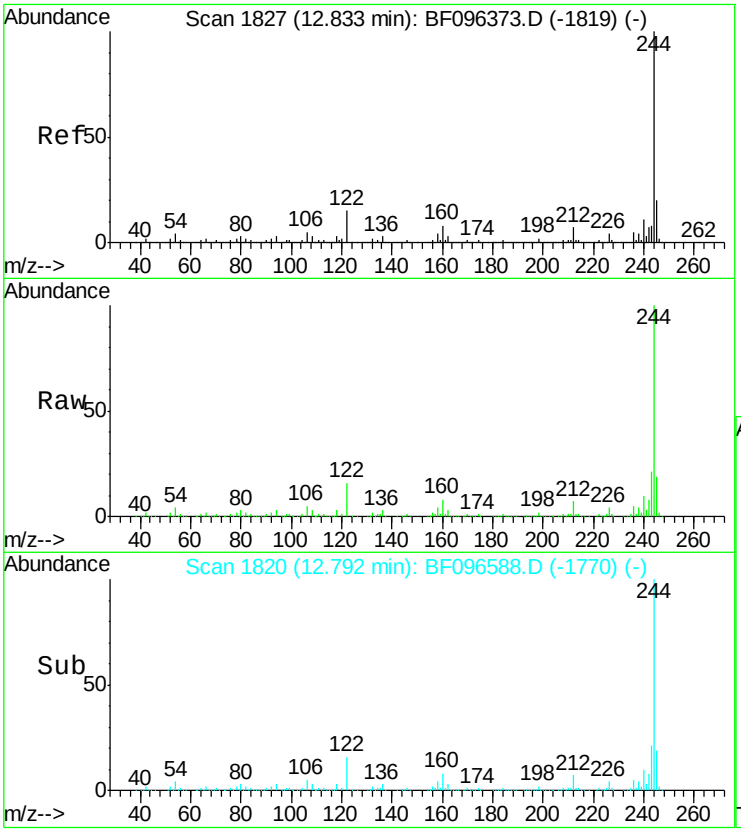


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:240 Resp: 205482

Ion	Ratio	Lower	Upper
240	100		
120	13.2	5.8	8.8#
236	26.0	20.5	30.7



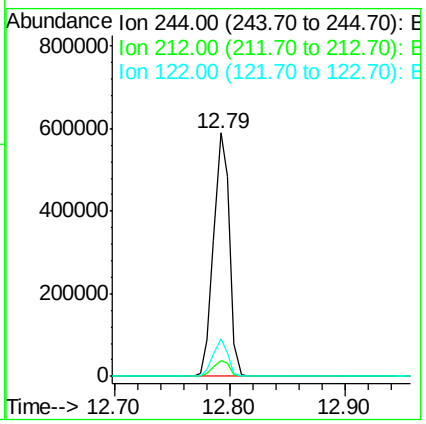


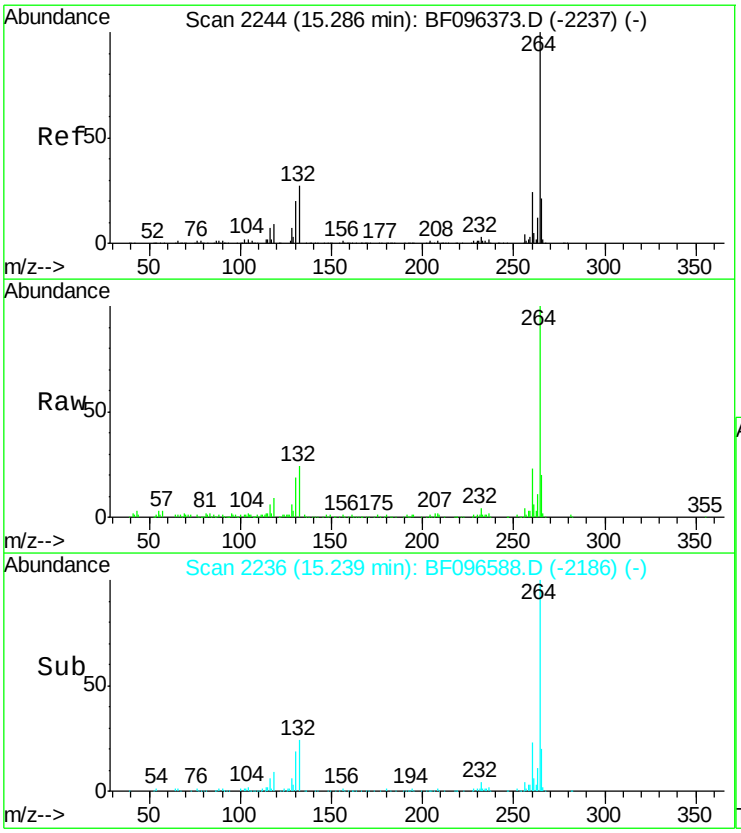
#78
Terphenyl-d14
Concen: 58.361 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Instrument :
BNA_F
ClientSampleId :
NB-01-070517-B

Tgt Ion:244 Resp: 561213

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.6	10.3	15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF096588.D
Acq: 8 Jul 2017 4:47

Tgt Ion:264 Resp: 138871

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.5	17.2	25.8