Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
Data File : BF096444.D
Acq On : 3 Jul 2017 16:37
Operator : SJ/MA
Sample : I3882-14RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 04 01:13:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108162	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	414505	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	153722	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	228938	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	214150	20.00	ng	-0.01
86) Perylene-d12	15.28	264	150929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	165124	22.53	ng	-0.02
7) Phenol-d6	6.35	99	276642	30.71	ng	-0.02
23) Nitrobenzene-d5	7.28	82	159095	23.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	12532	10.44	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	319098	35.49	ng	-0.02
78) Terphenyl-d14	12.82	244	212218	21.18	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	20786	3.87	ng	# 88
25) Isophorone	7.28	82	158870	11.88	ng	# 67
49) Dimethylphthalate	9.47	163	56883	4.96	ng	97
50) 2,6-Dinitrotoluene	9.76	165	19984	7.88	ng	# 33
56) 2,4-Dinitrotoluene	9.76	165	19984	6.22	ng	# 32
70) Phenanthrene	11.26	178	31680	2.56	ng	99
74) Fluoranthene	12.45	202	55333	4.56	ng	97
77) Pyrene	12.67	202	53525	3.11	ng	99
80) Benzo(a)anthracene	13.86	228	27778	2.24	ng	# 91
82) Chrysene	13.89	228	29651	2.28	ng	# 95
83) Bis(2-ethylhexyl)phthalate	13.86	149	26686	2.75	ng	# 95
87) Benzo(b)fluoranthene	14.88	252	41305	4.37	ng	# 85
88) Benzo(k)fluoranthene	14.88	252	41305	4.88	ng	# 89

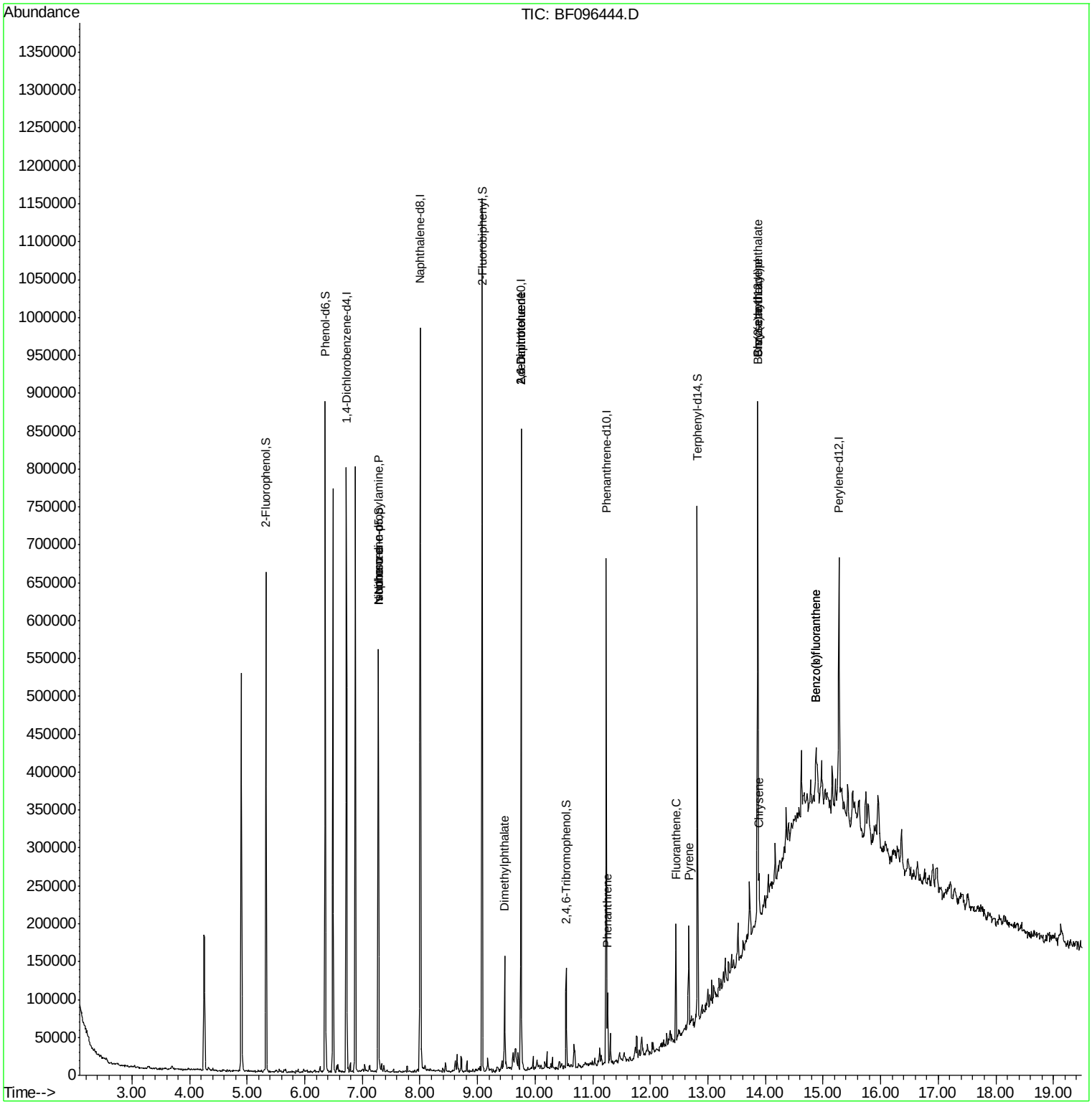
(#) = qualifier out of range (m) = manual integration (+) = signals summed

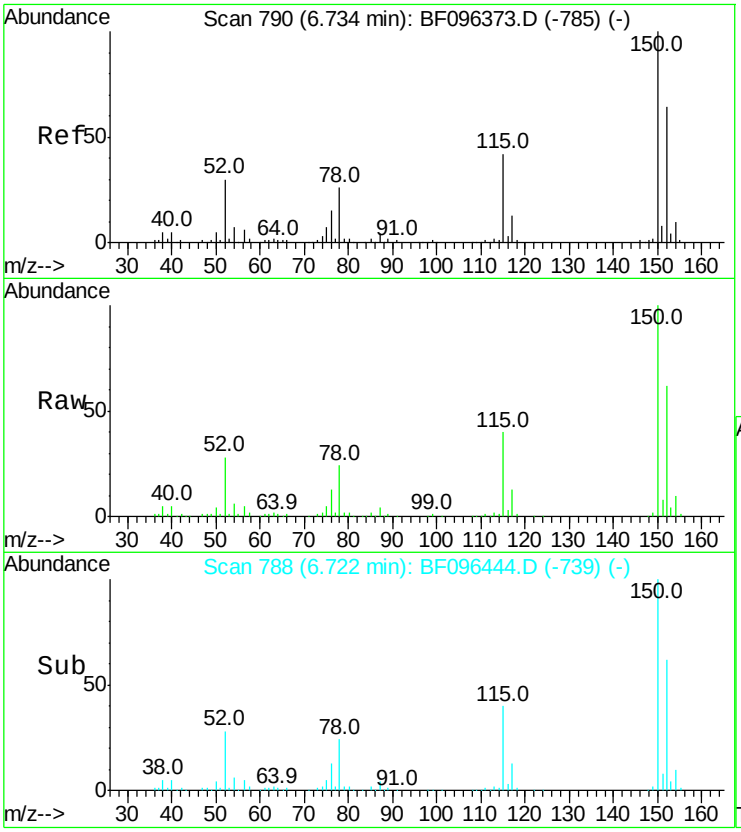
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
Data File : BF096444.D
Acq On : 3 Jul 2017 16:37
Operator : SJ/MA
Sample : I3882-14RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 04 01:13:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

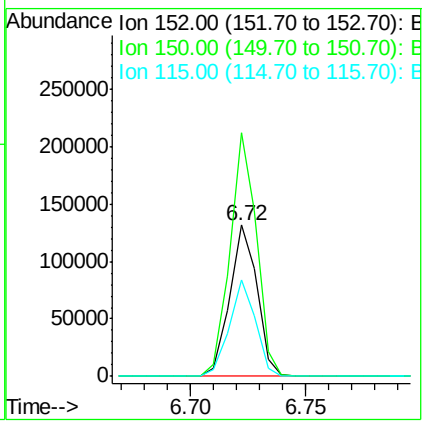




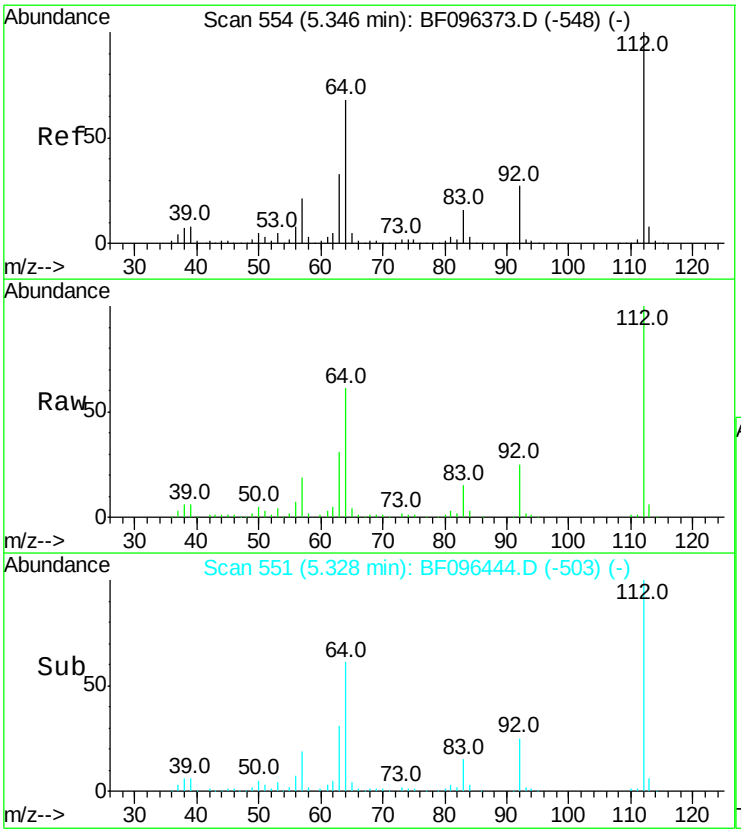
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:152 Resp: 108162

Ion	Ratio	Lower	Upper
152	100		
150	161.3	126.2	189.2
115	64.3	52.2	78.2



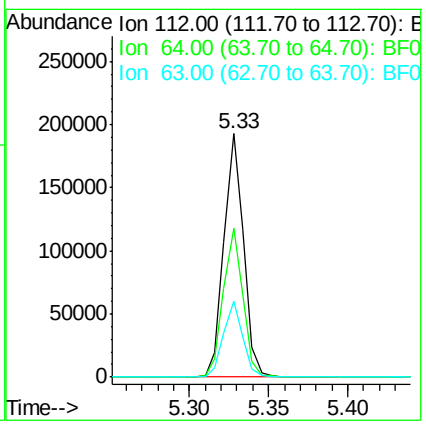
Instrument :
BNA_F
ClientSampleId :

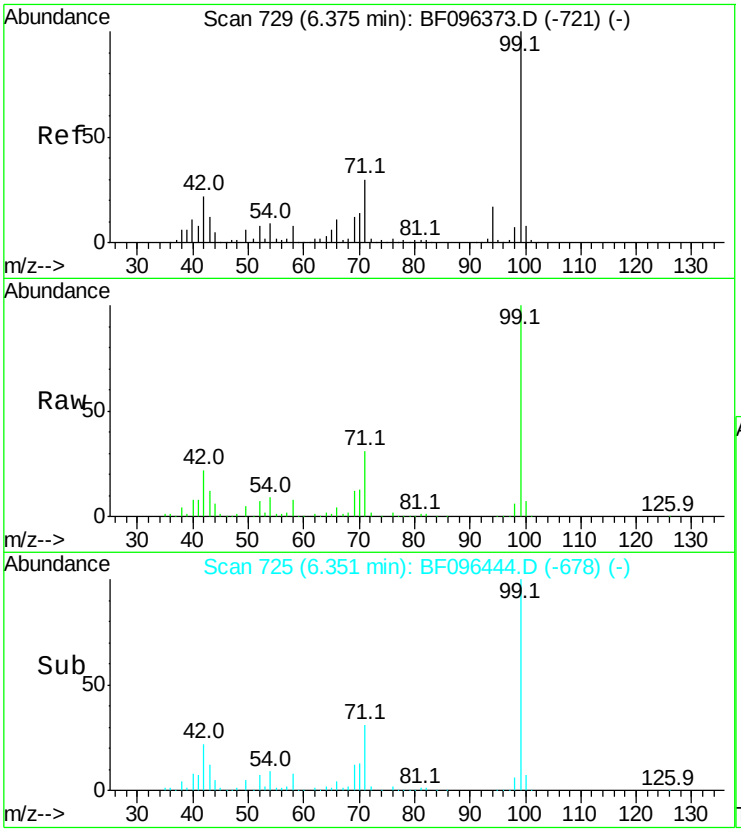


#5
2-Fluorophenol
Concen: 22.53 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:112 Resp: 165124

Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	31.2	23.4	35.0



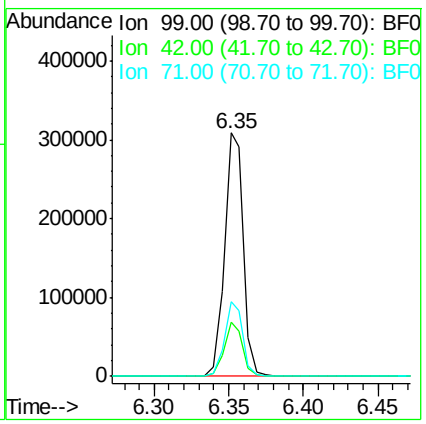


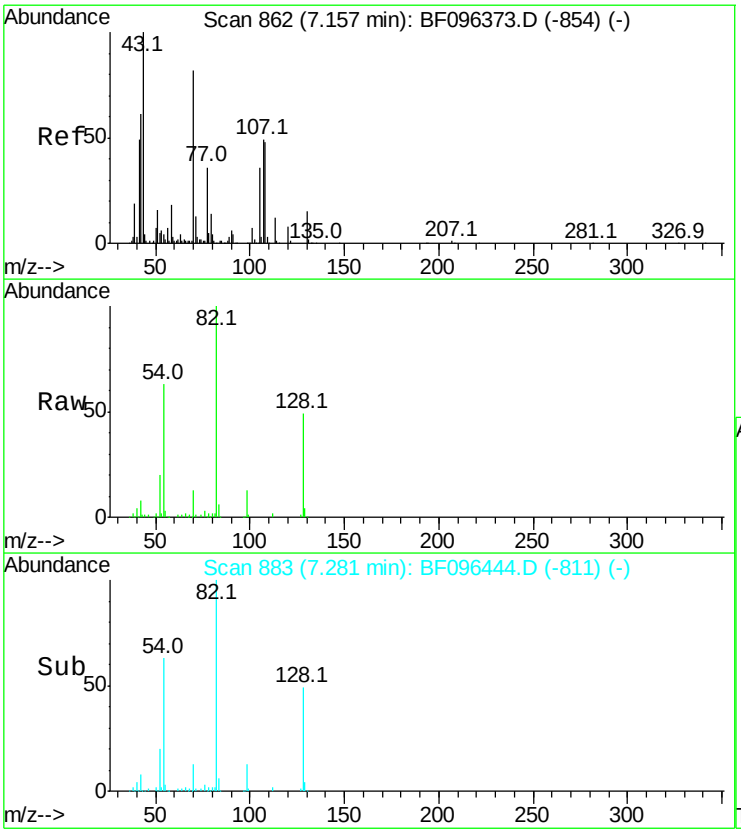
#7
Phenol-d6
Concen: 30.71 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 276642

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	30.8	24.5	36.7

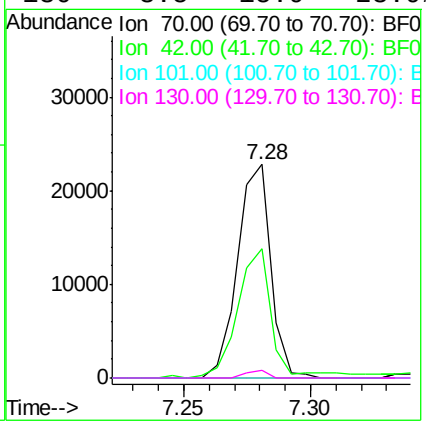


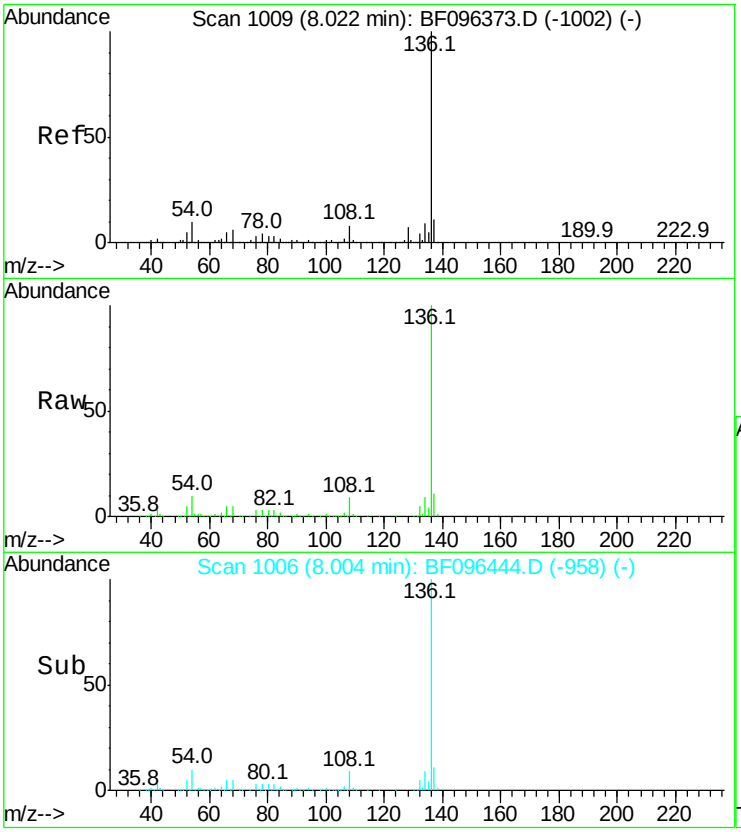


#19
n-Nitroso-di-n-propylamine
Concen: 3.87 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion: 70 Resp: 20786

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.2	70.8
101	0.0	7.2	10.8#
130	3.5	15.9	23.9#



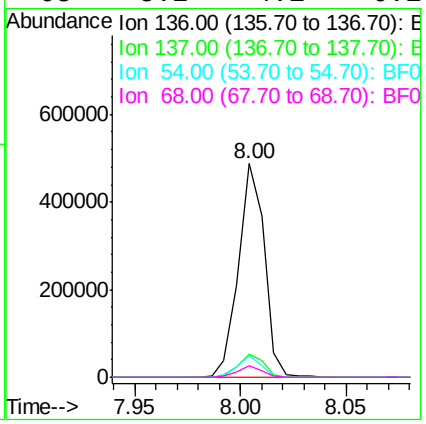


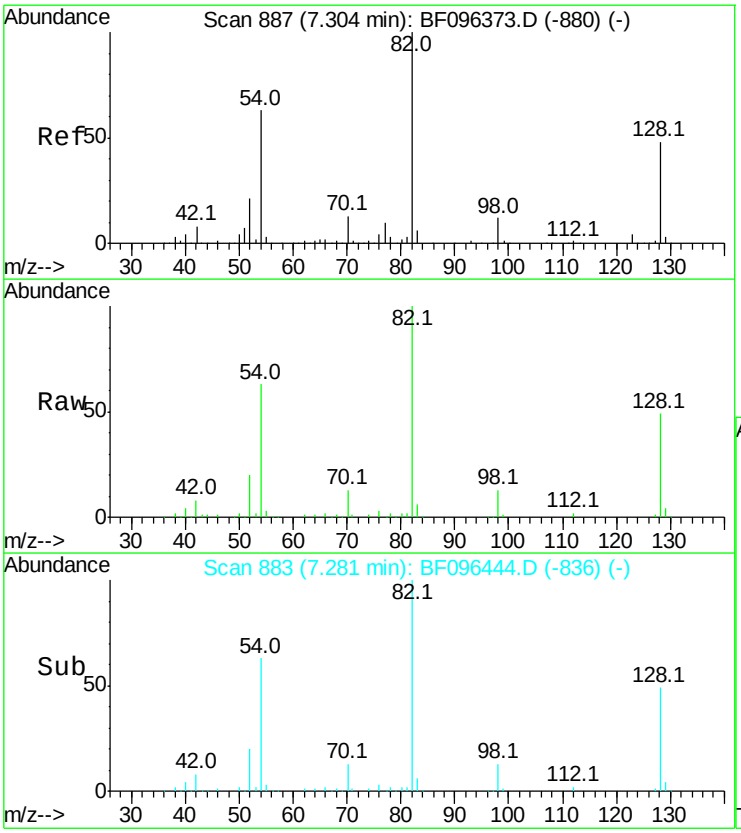
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 414505

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.4	4.9	7.3#
68	5.2	4.1	6.1

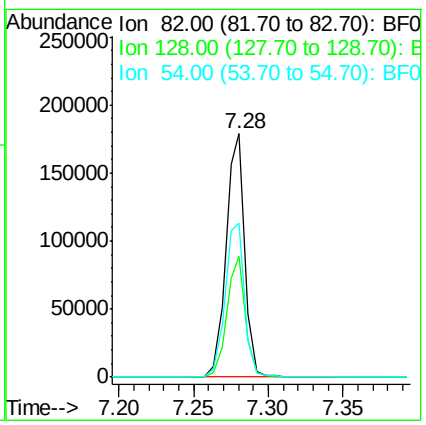


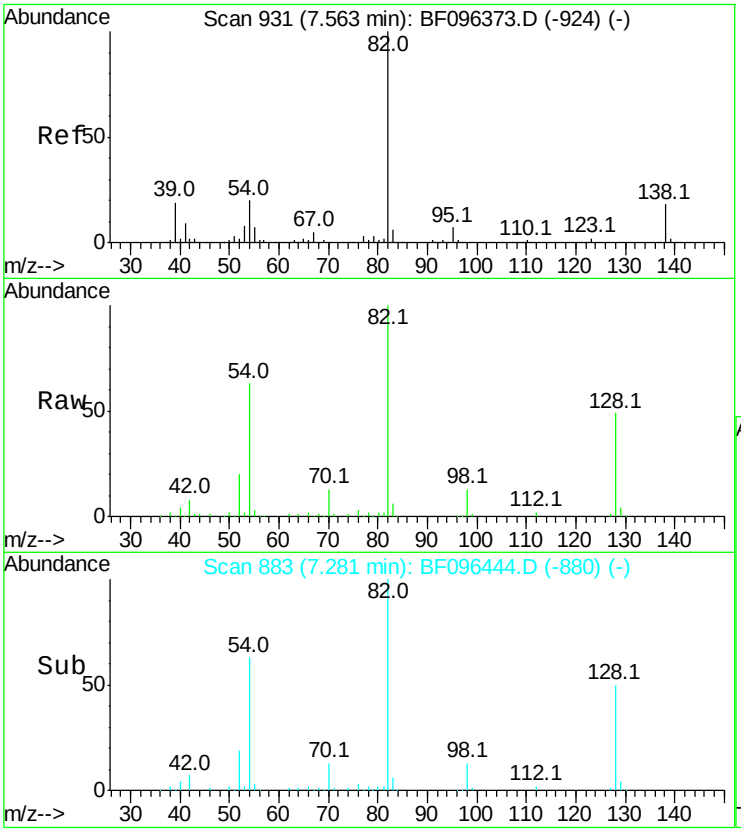


#23
Nitrobenzene-d5
Concen: 23.06 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion: 82 Resp: 159095

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.0	51.0
54	63.4	42.2	63.2#



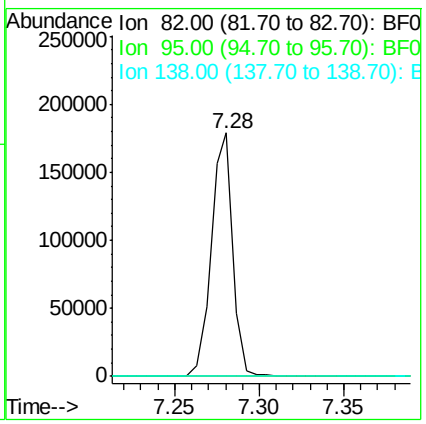


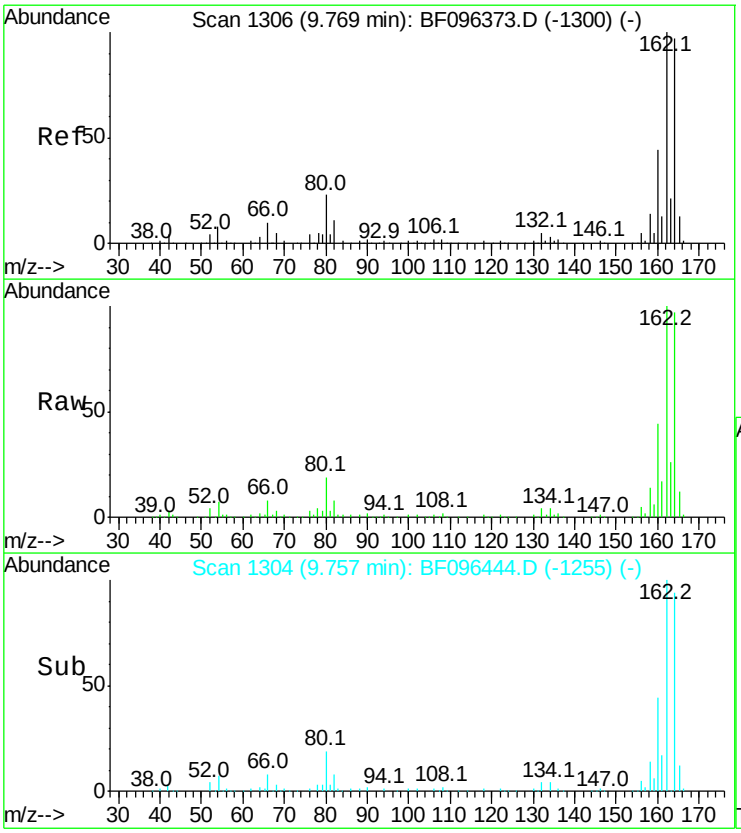
#25
Isophorone
Concen: 11.88 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 158870

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

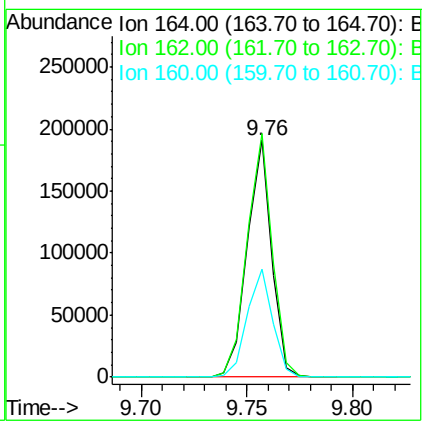


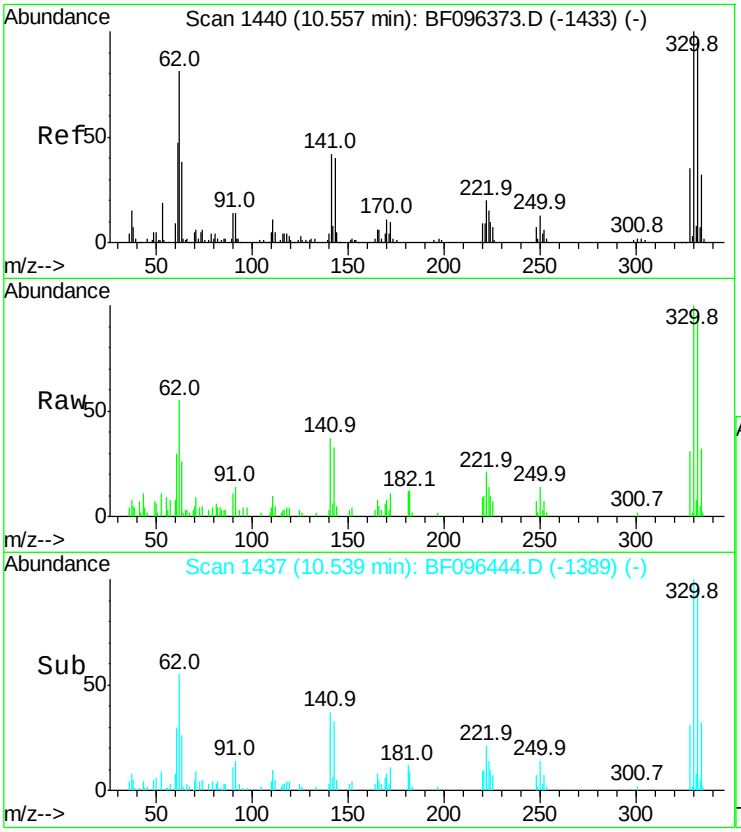


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:164 Resp: 153722

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.6	36.2	54.2



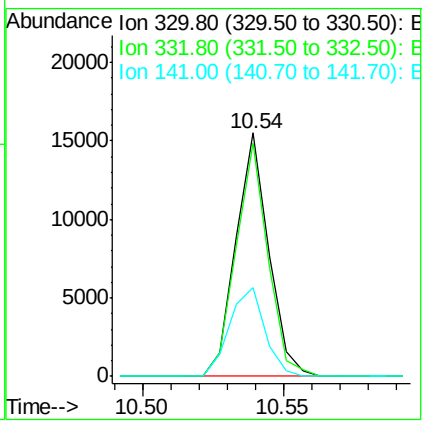


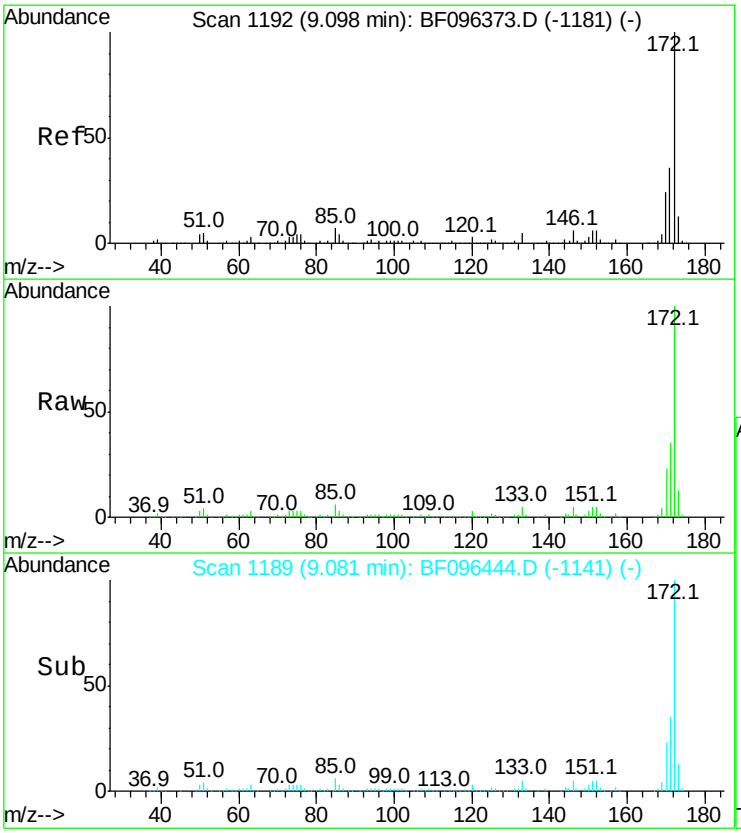
#41
2,4,6-Tribromophenol
Concen: 10.44 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 12532

Ion	Ratio	Lower	Upper
330	100		
332	92.8	76.6	115.0
141	39.2	31.4	47.2

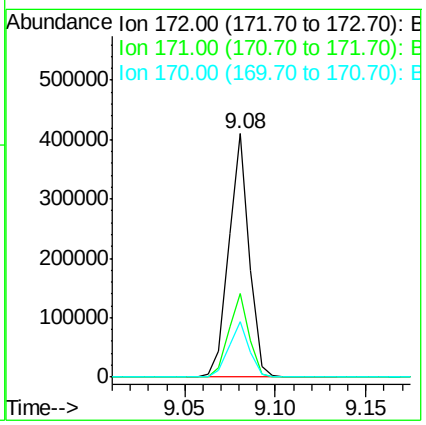


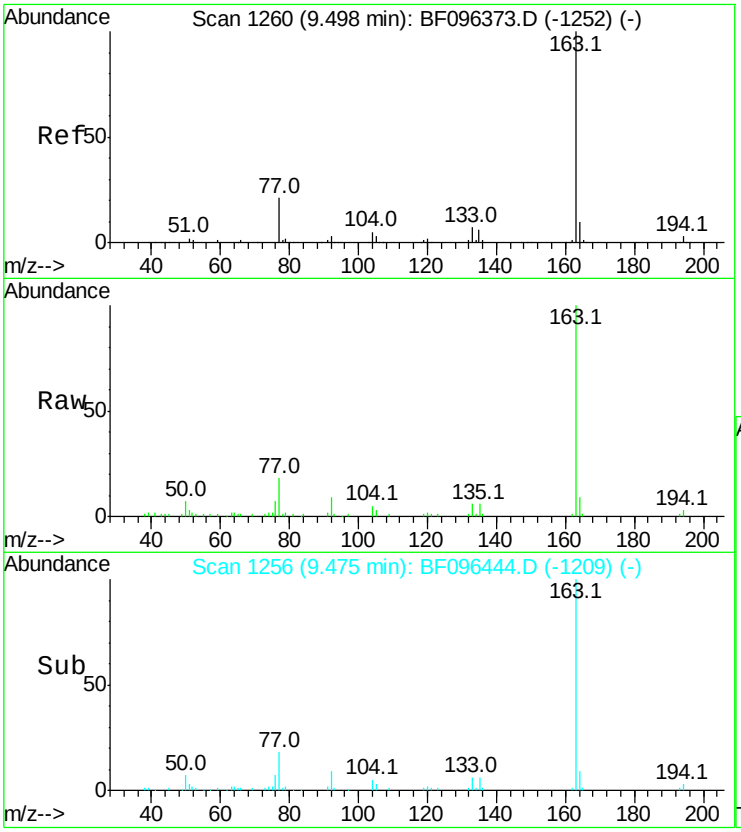


#44
2-Fluorobiphenyl
Concen: 35.49 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:172 Resp: 319098

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	22.9	19.8	29.8



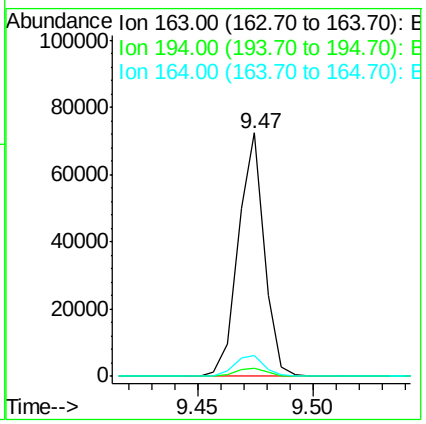


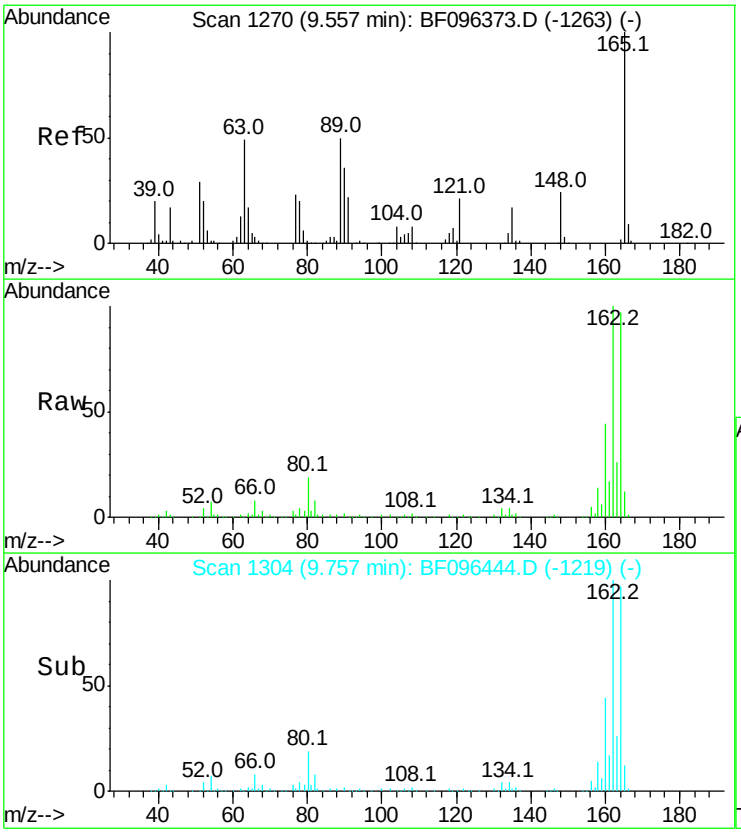
#49
Dimethylphthalate
Concen: 4.96 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 56883

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	8.8	8.4	12.6

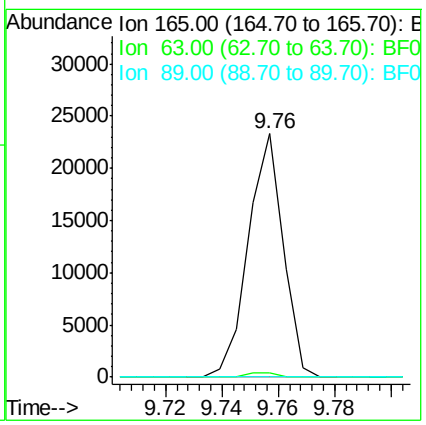


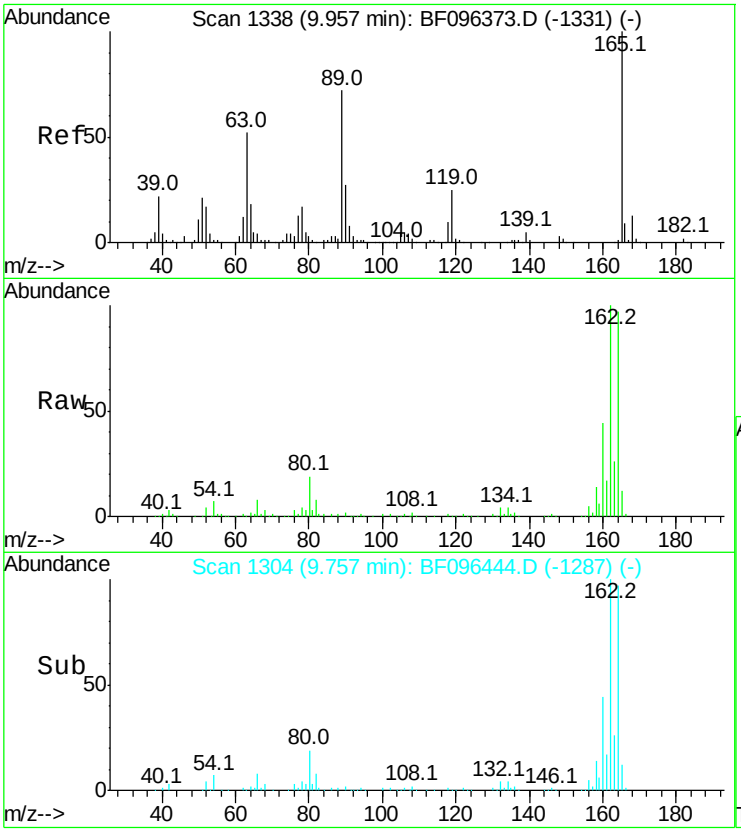


#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:165 Resp: 19984

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	0.0	37.1	55.7#



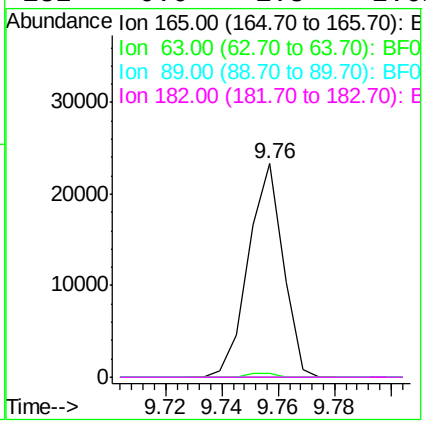


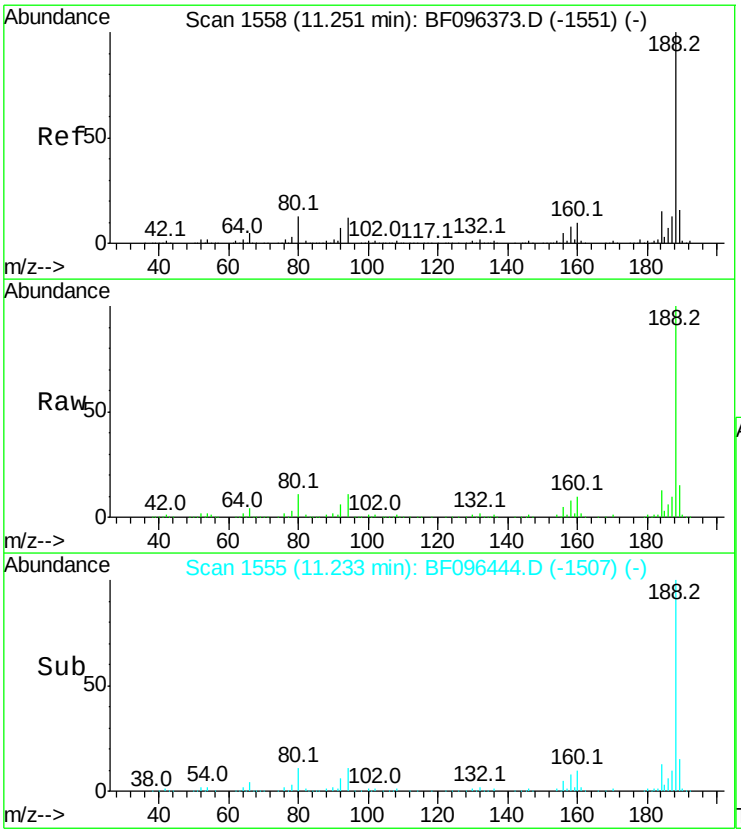
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19984

Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

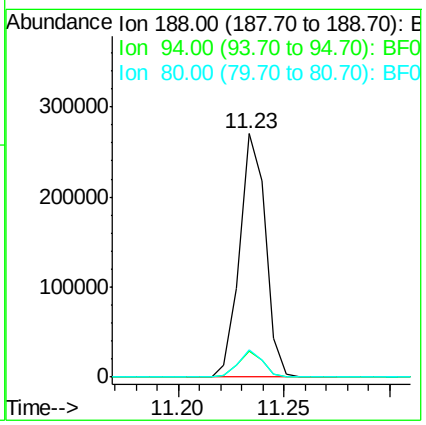


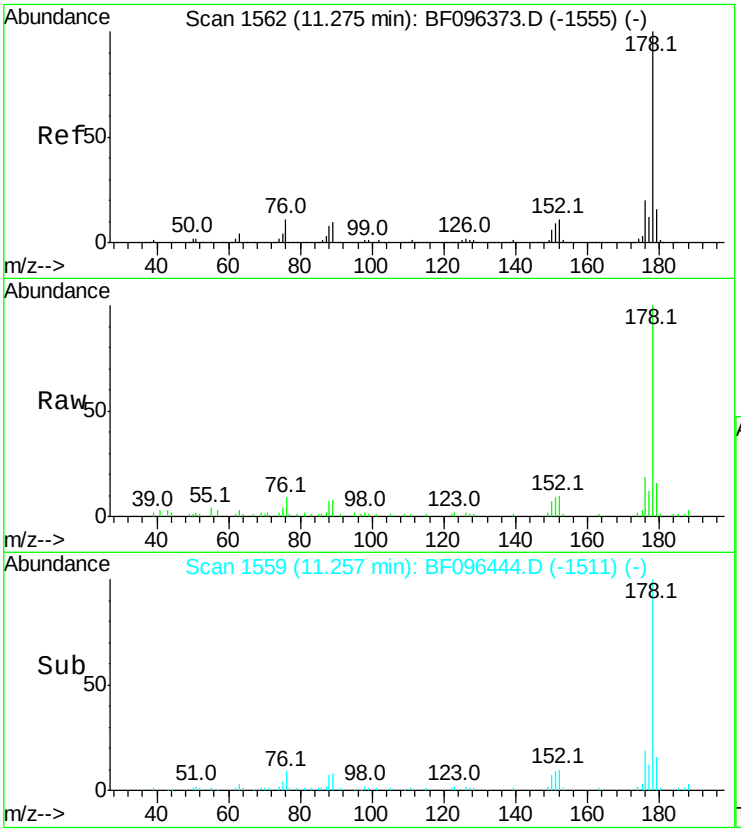


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:188 Resp: 228938

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2



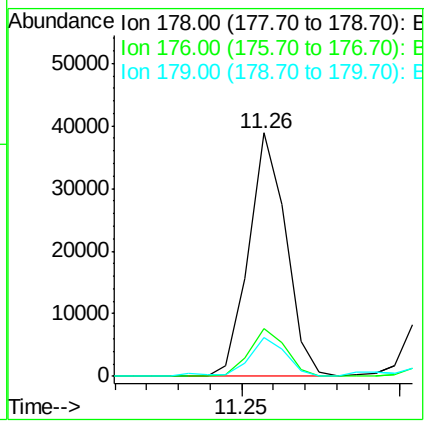


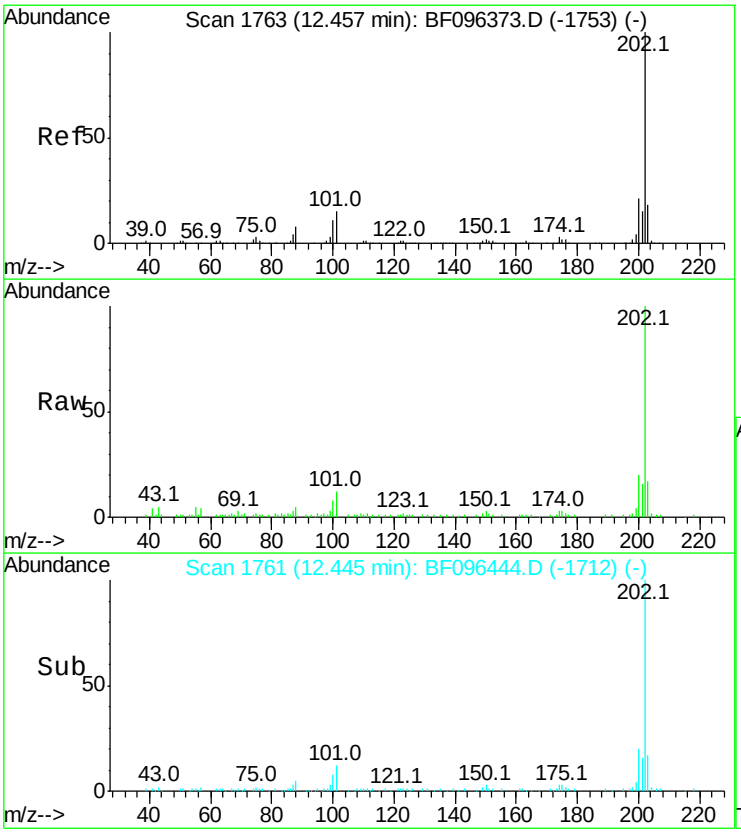
#70
Phenanthrene
Concen: 2.56 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 31680

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.9	12.6	19.0

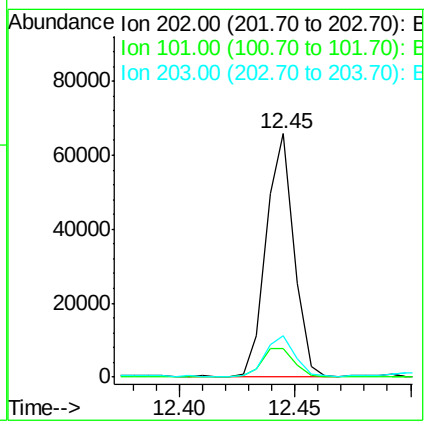


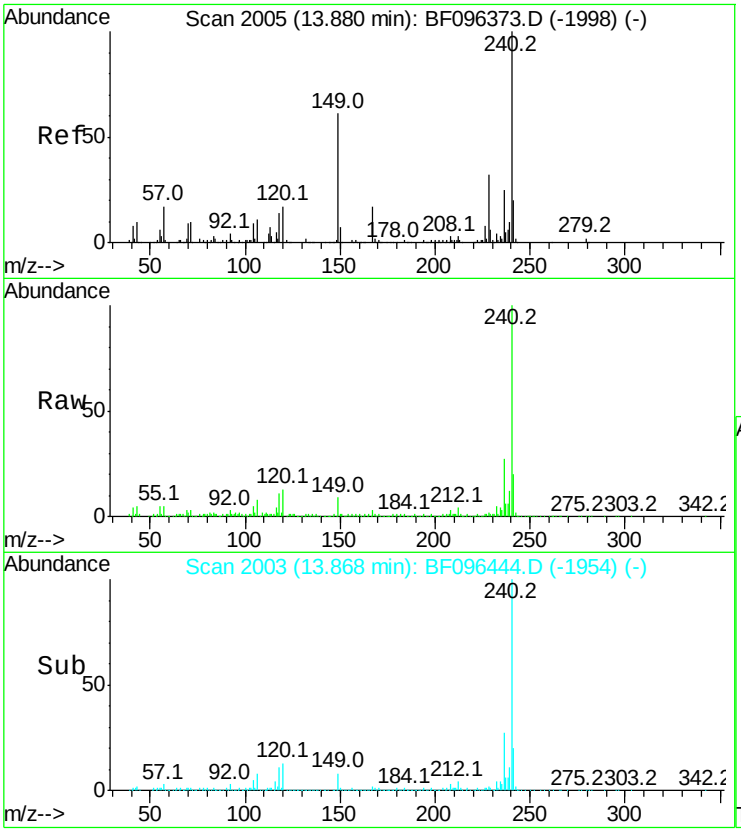


#74
Fluoranthene
Concen: 4.56 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:202 Resp: 55333

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	16.8	0.0	38.1



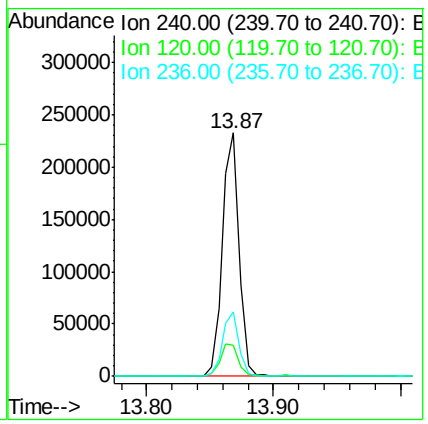


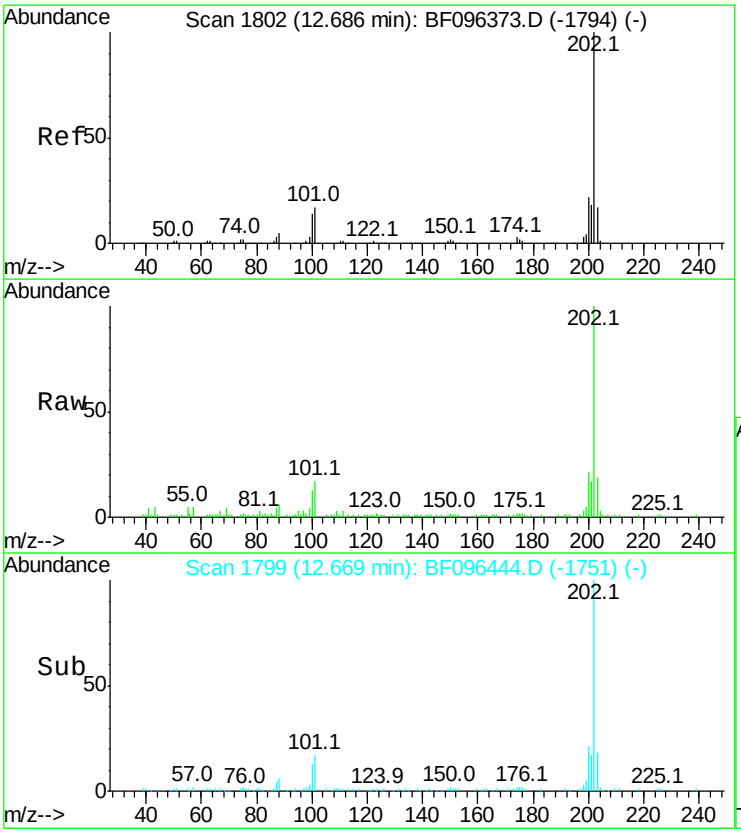
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 214150

Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	26.7	20.5	30.7

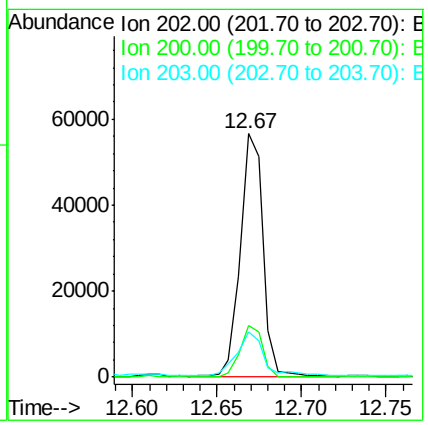


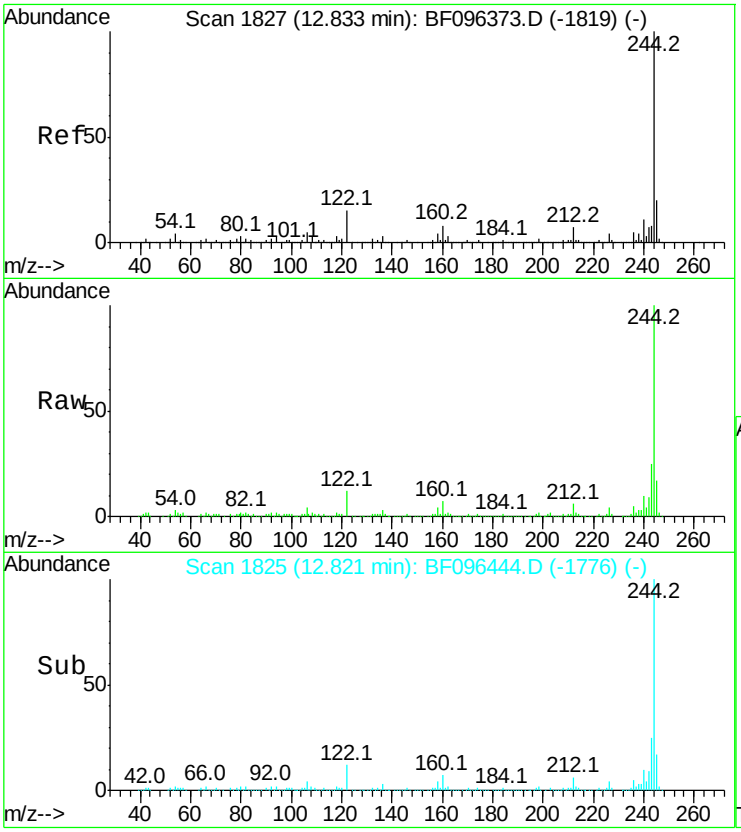


#77
Pyrene
Concen: 3.11 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:202 Resp: 53525

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.5	14.4	21.6



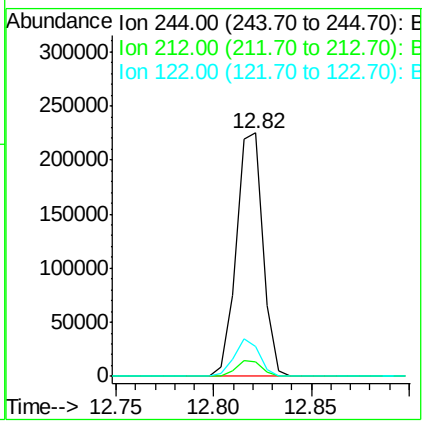


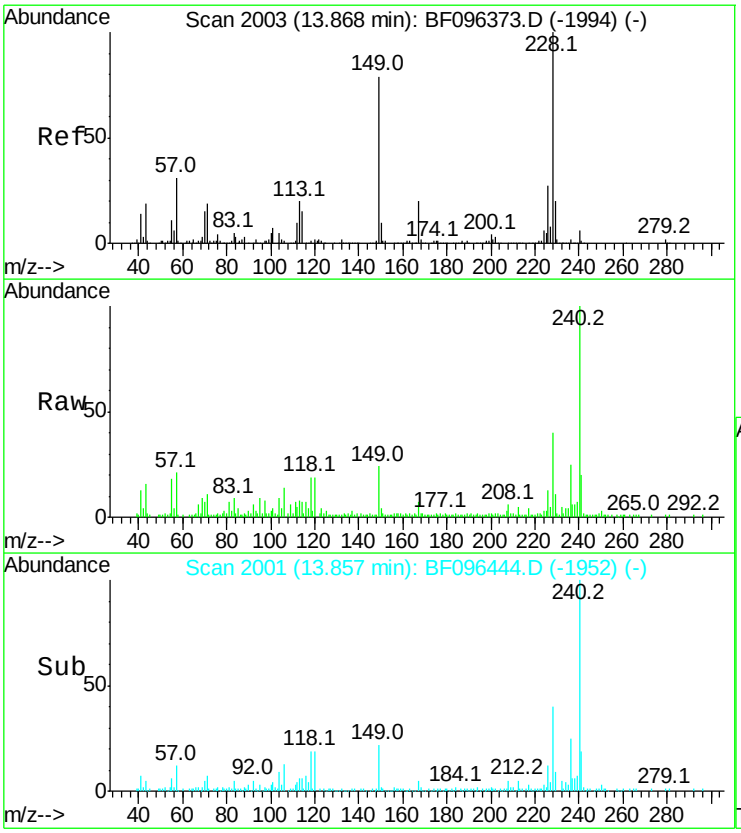
#78
Terphenyl-d14
Concen: 21.18 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 212218

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	12.2	10.3	15.5

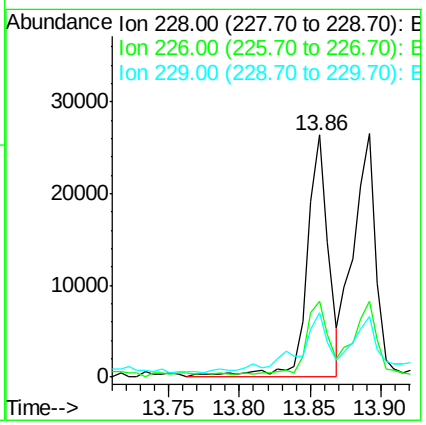


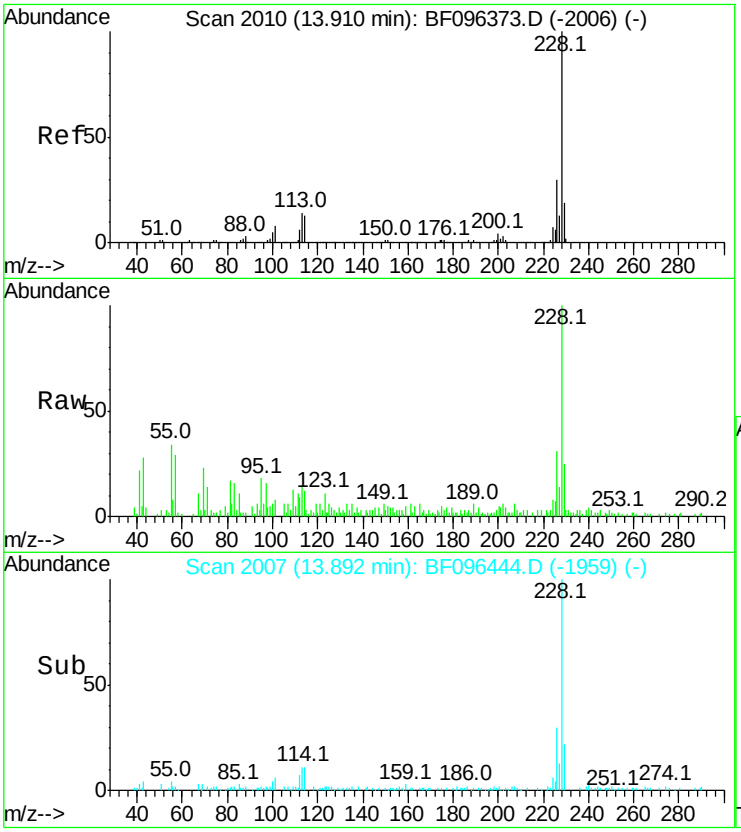


#80
Benzo(a)anthracene
Concen: 2.24 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:228 Resp: 27778

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	26.4	16.3	24.5#



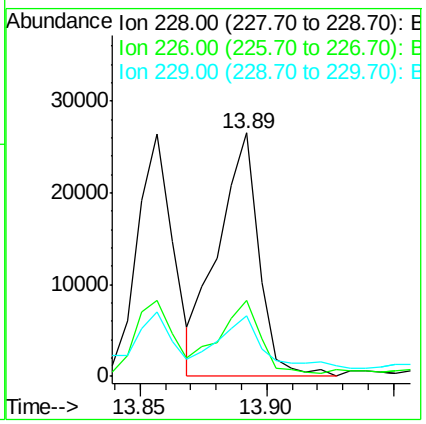


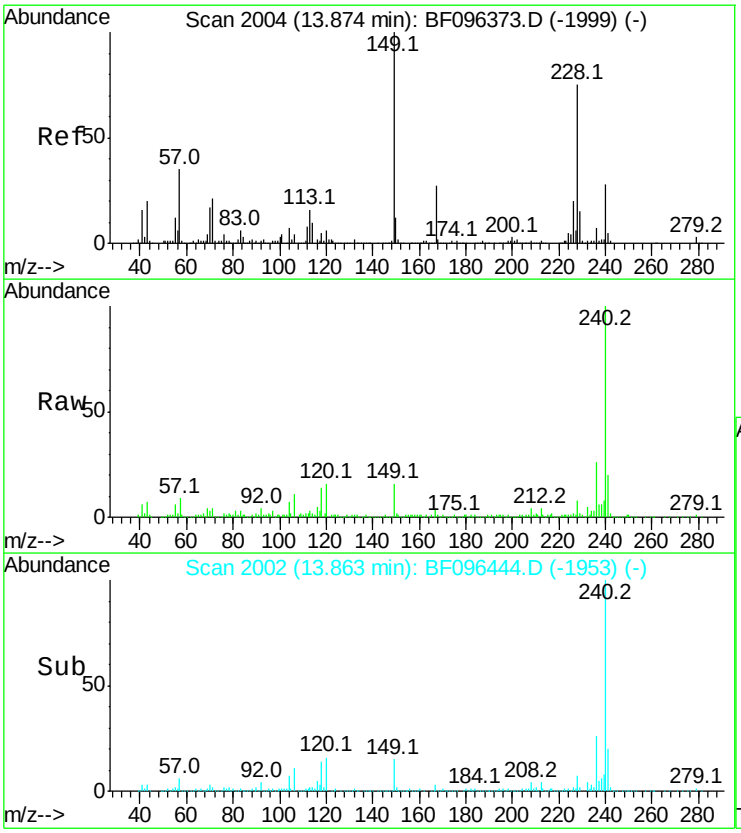
#82
Chrysene
Concen: 2.28 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29651

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	25.0	15.8	23.6#

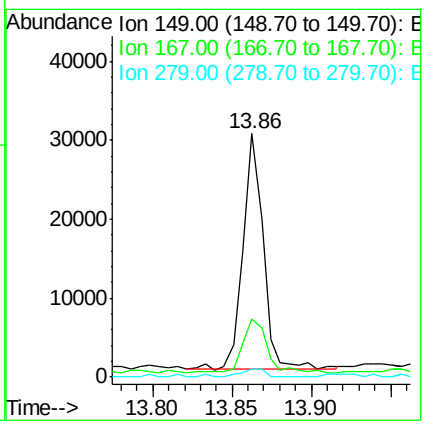


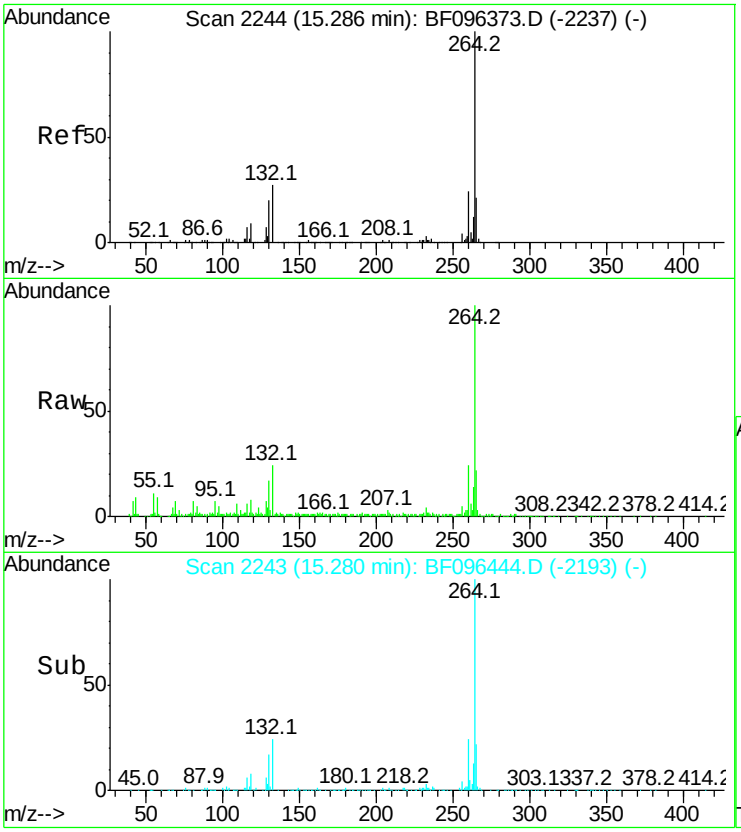


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.75 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:149 Resp: 26686

Ion	Ratio	Lower	Upper
149	100		
167	23.7	21.0	31.4
279	3.5	1.9	2.9#



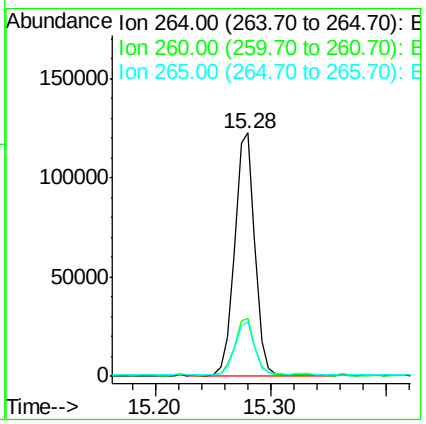


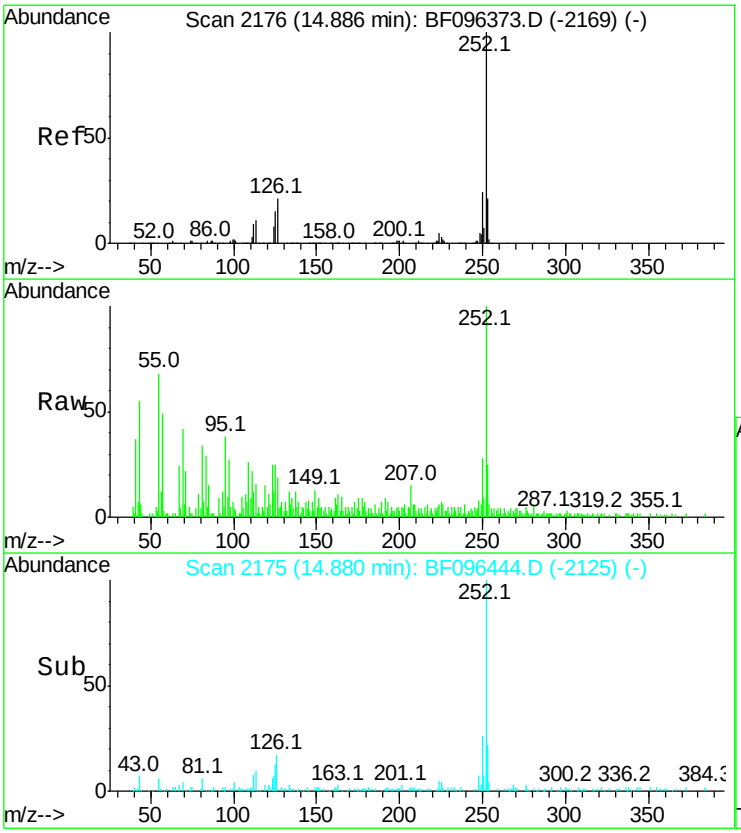
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 150929

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.1	17.2	25.8

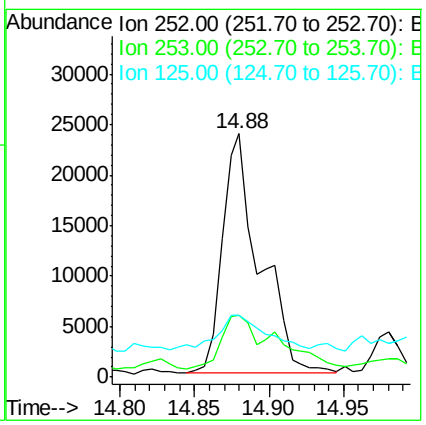


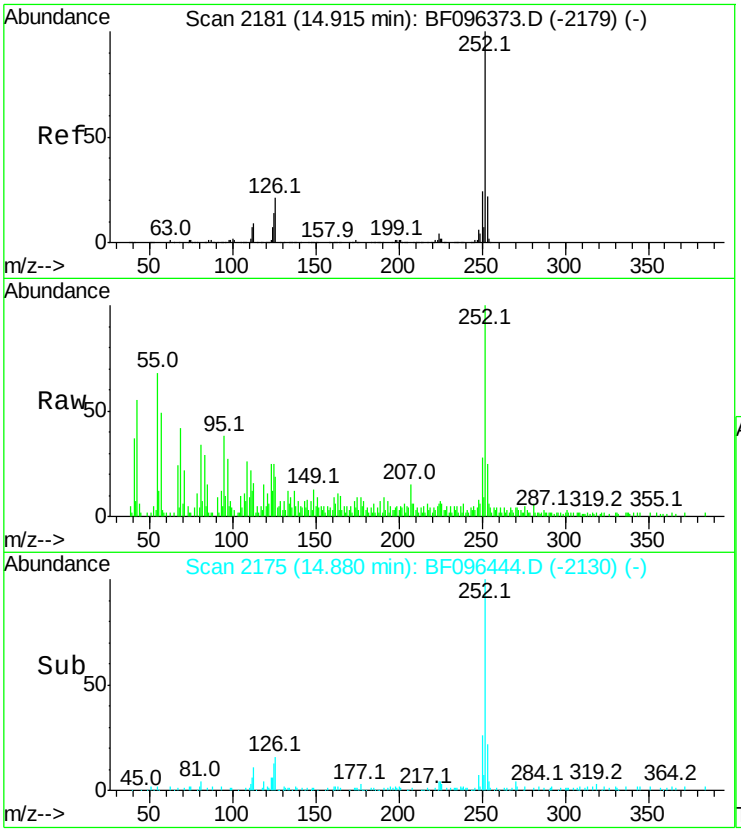


#87
Benzo(b)fluoranthene
Concen: 4.37 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Tgt Ion:252 Resp: 41305

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	25.3	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 4.88 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF096444.D
Acq: 3 Jul 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41305

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	25.3	13.1	19.7#