Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
Data File : BF096691.D
Acq On : 12 Jul 2017 14:59
Operator : SJ/JU
Sample : I4132-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 12 15:54:51 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	6.66	152	123979	20.00	ng		-0.04
21) Naphthalene-d8	7.95	136	541529	20.00	ng		-0.04
38) Acenaphthene-d10	9.70	164	236031	20.00	ng		-0.04
63) Phenanthrene-d10	11.17	188	375540	20.00	ng		-0.04
75) Chrysene-d12	13.80	240	209190	20.00	ng		-0.04
86) Perylene-d12	15.20	264	195805	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	429182	51.09	ng		-0.04
7) Phenol-d6	6.30	99	530465	51.37	ng		-0.04
23) Nitrobenzene-d5	7.22	82	369041	40.95	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	103564	56.17	ng		-0.04
44) 2-Fluorobiphenyl	9.03	172	594200	43.04	ng		-0.04
78) Terphenyl-d14	12.76	244	389484	39.79	ng		-0.04
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	49537	8.052	ng	#	85
25) Isophorone	7.22	82	364237	20.846	ng	#	67
49) Dimethylphthalate	9.42	163	71367	4.050	ng		98
50) 2,6-Dinitrotoluene	9.70	165	30201	7.751	ng	#	33
56) 2,4-Dinitrotoluene	9.70	165	30201	6.121	ng	#	33
74) Fluoranthene	12.38	202	44977	2.260	ng		99
77) Pyrene	12.61	202	103446	6.161	ng		96
80) Benzo(a)anthracene	13.79	228	44679	3.688	ng		95
82) Chrysene	13.83	228	49296	3.886	ng		96
83) Bis(2-ethylhexyl)phthalate	13.81	149	628763	66.270	ng		99
85) Indeno(1,2,3-cd)pyrene	16.53	276	21614	2.158	ng	#	89
87) Benzo(b)fluoranthene	14.81	252	51911	4.231	ng	#	91
88) Benzo(k)fluoranthene	14.81	252	51911	4.730	ng		95
89) Benzo(a)pyrene	15.14	252	40480	3.696	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	48829	5.468	ng	#	86

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Jul 2017 14:59
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Misc :
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BNA_F
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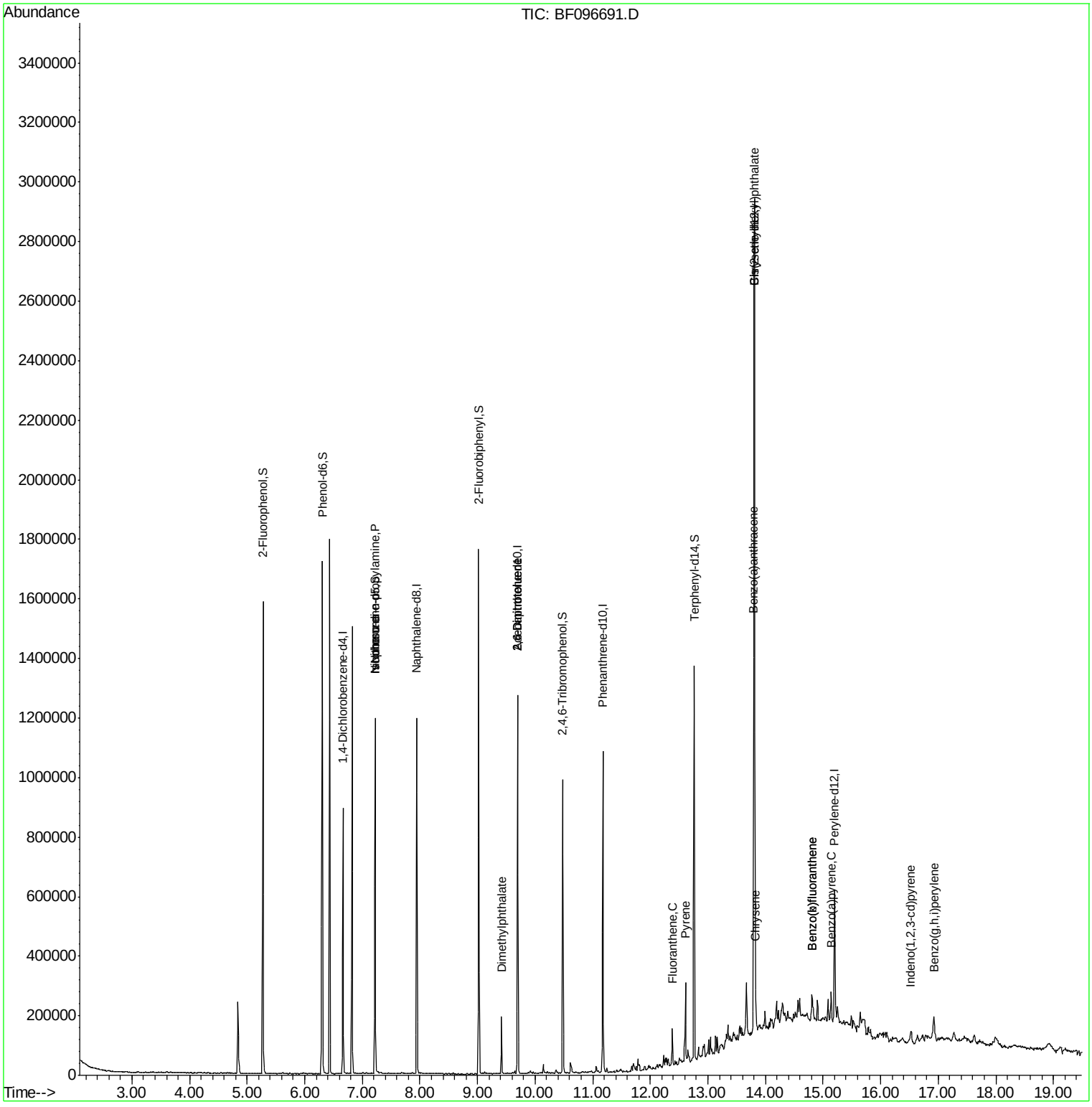
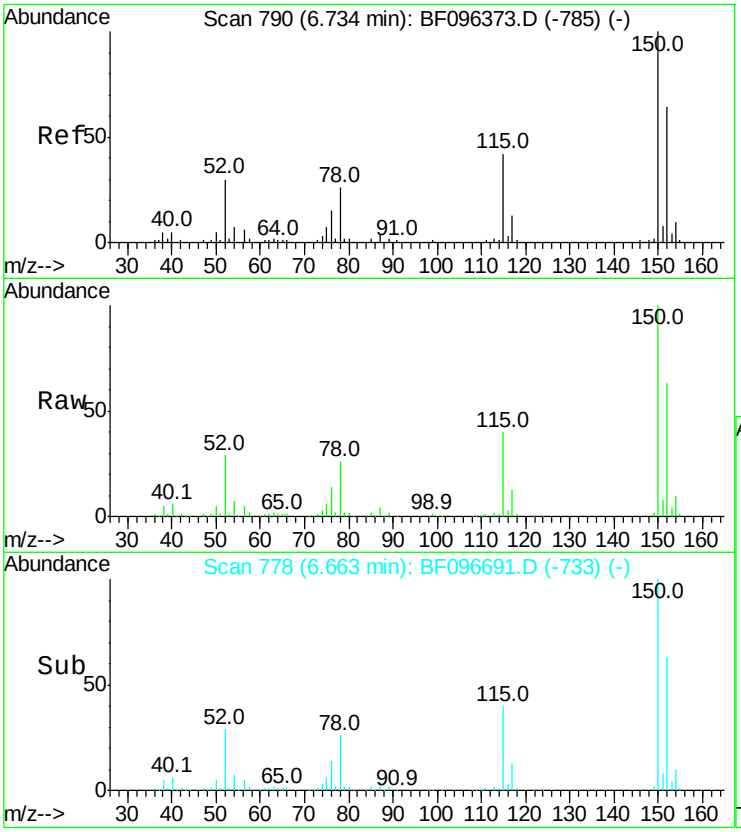
Quant Time: Jul 12 15:54:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration



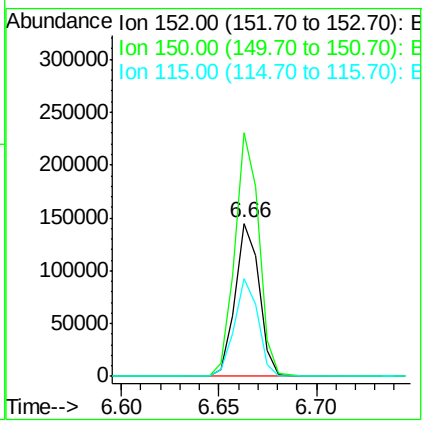


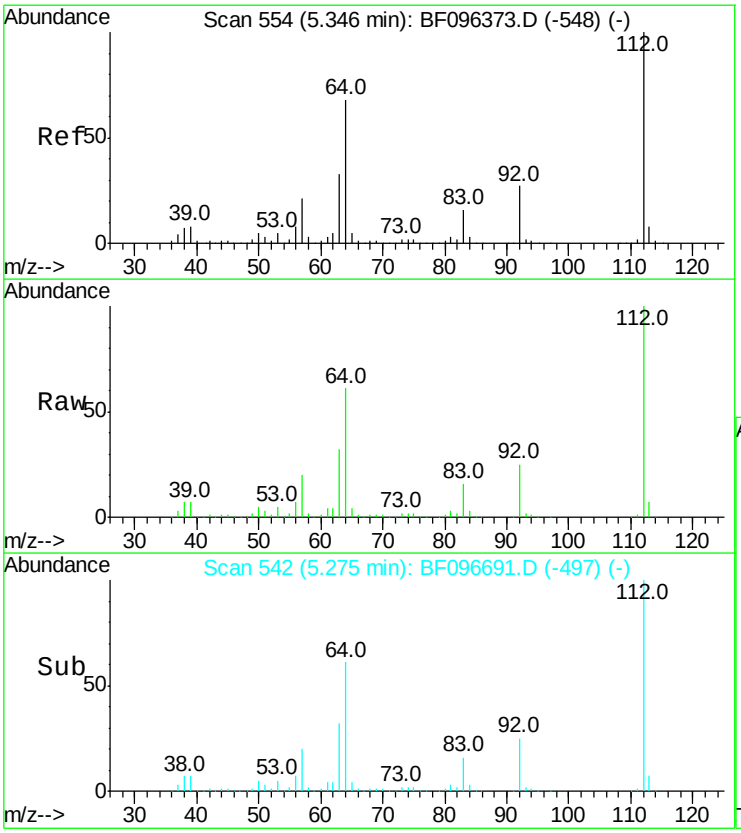
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123979

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	63.8	52.2	78.2

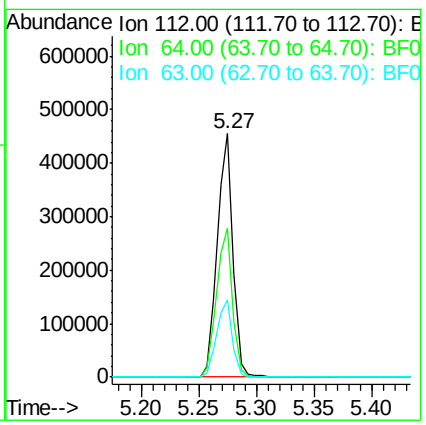


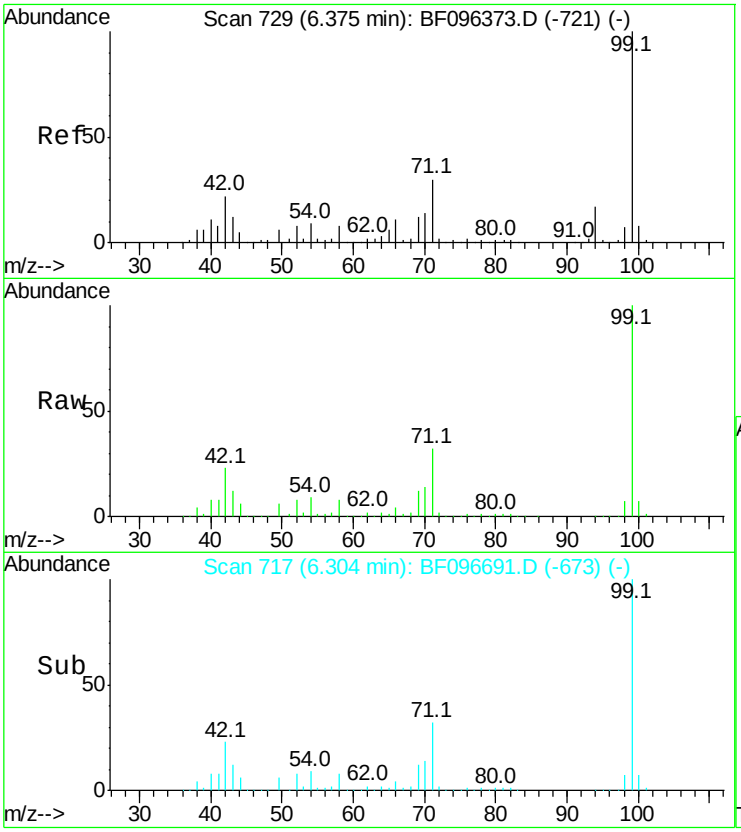


#5
2-Fluorophenol
Concen: 51.094 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:112 Resp: 429182

Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	31.9	23.4	35.0



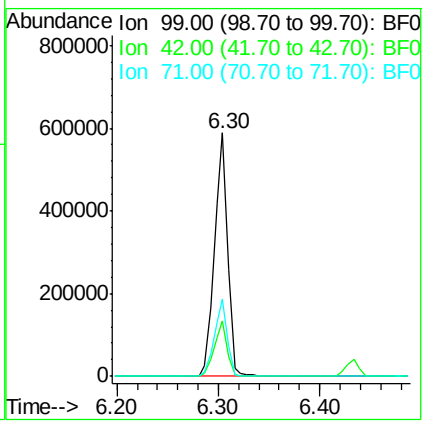


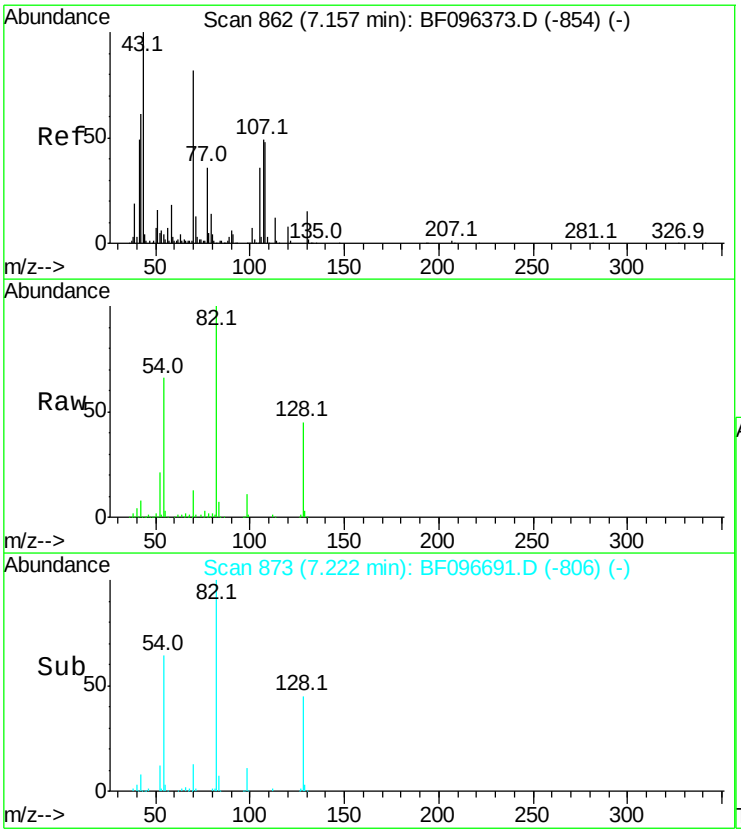
#7
Phenol-d6
Concen: 51.369 ng
RT: 6.30 min Scan# 717
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 530465

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.5	20.3#
71	31.6	24.5	36.7

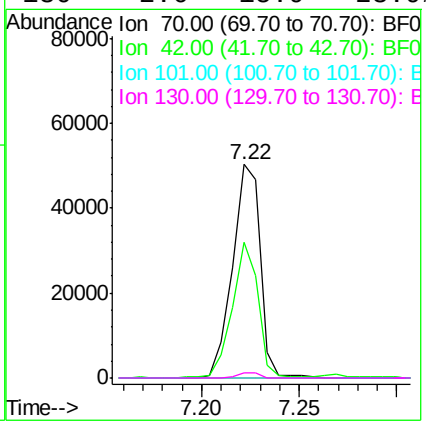


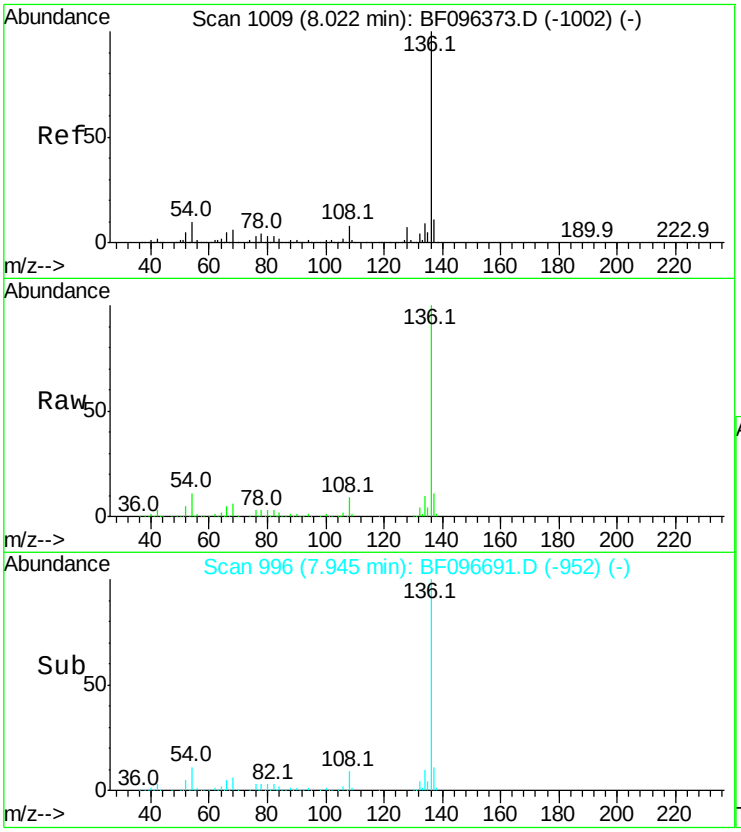


#19
n-Nitroso-di-n-propylamine
Concen: 8.052 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.09 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion: 70 Resp: 49537

Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



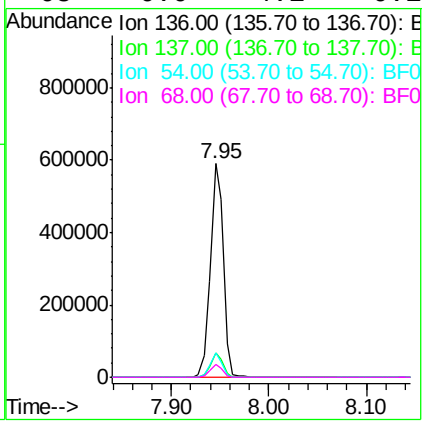


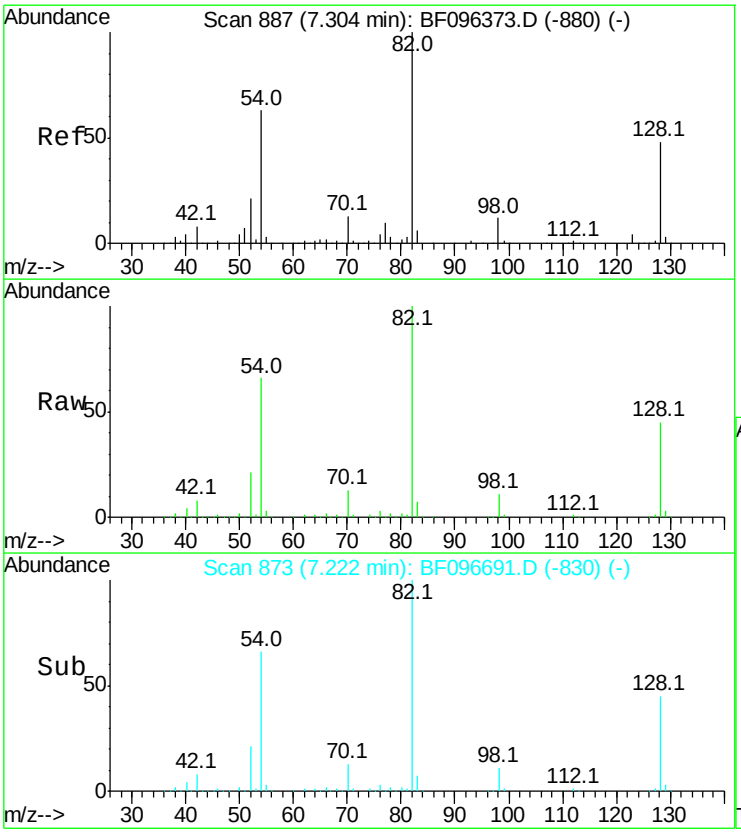
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 541529

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.5	4.9	7.3#
68	6.0	4.1	6.1

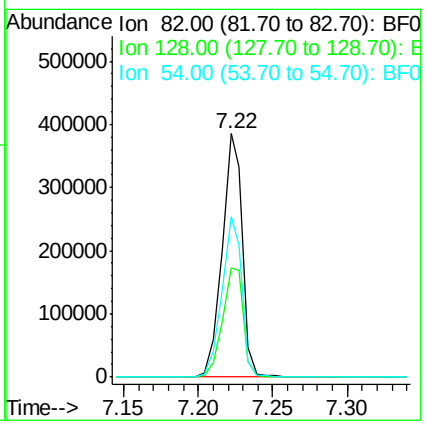


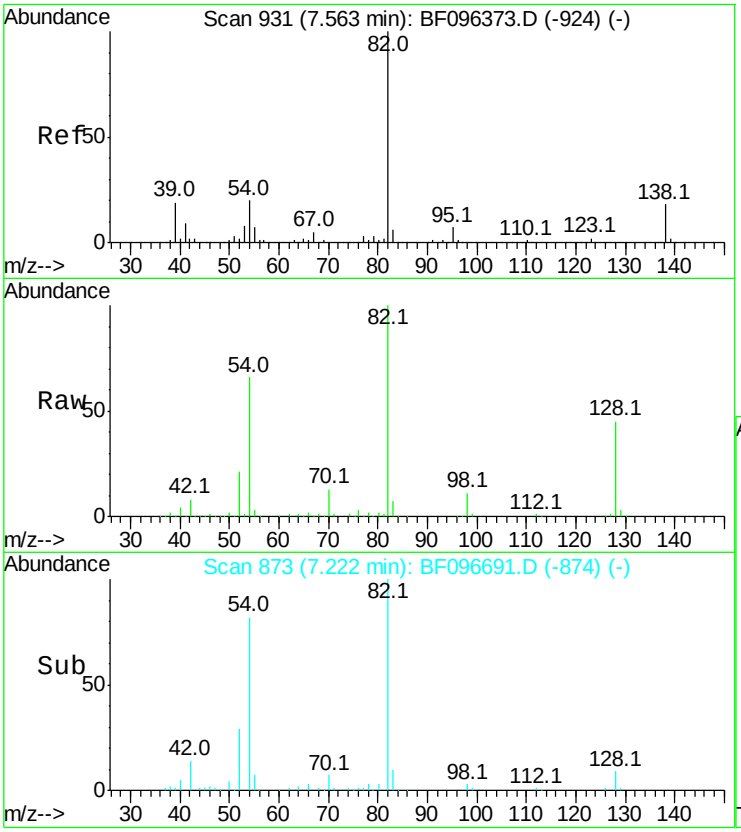


#23
Nitrobenzene-d5
Concen: 40.951 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion: 82 Resp: 369041

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	65.9	42.2	63.2#



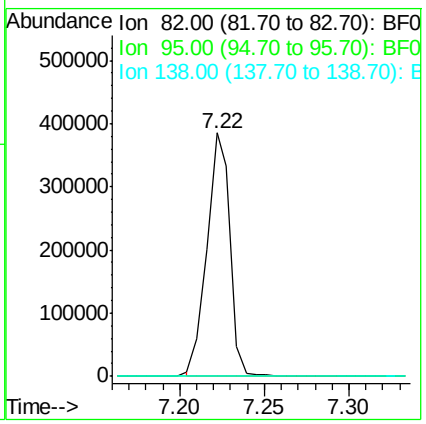


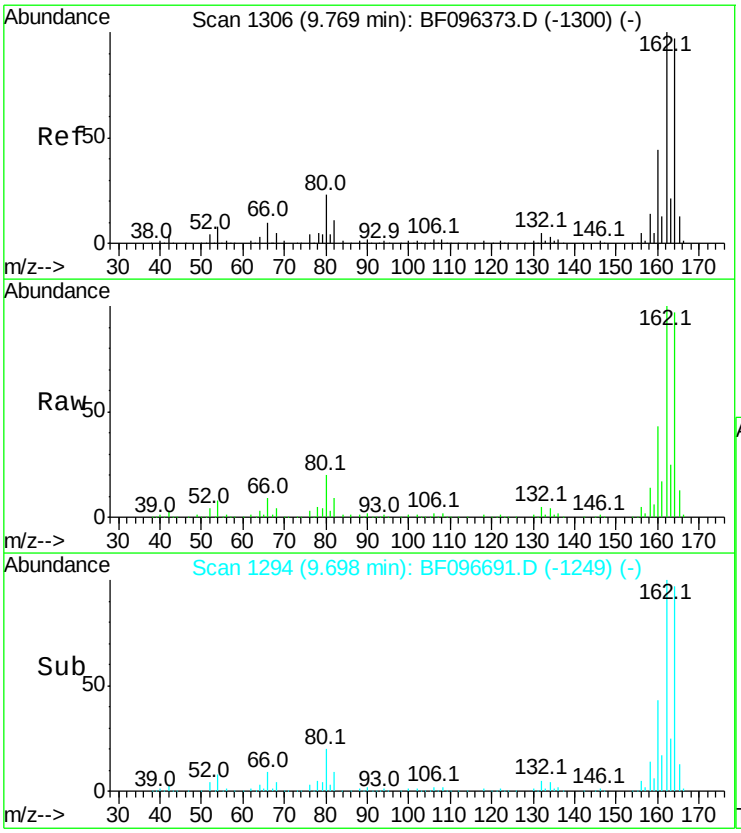
#25
Isophorone
Concen: 20.846 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.31 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 364237

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

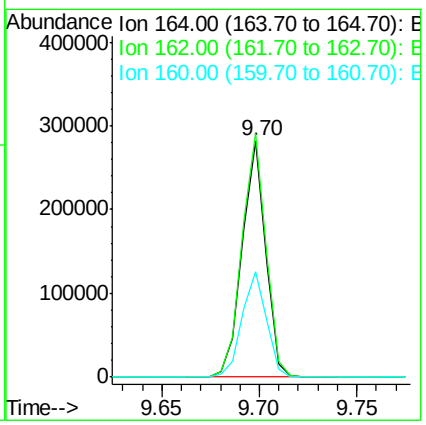


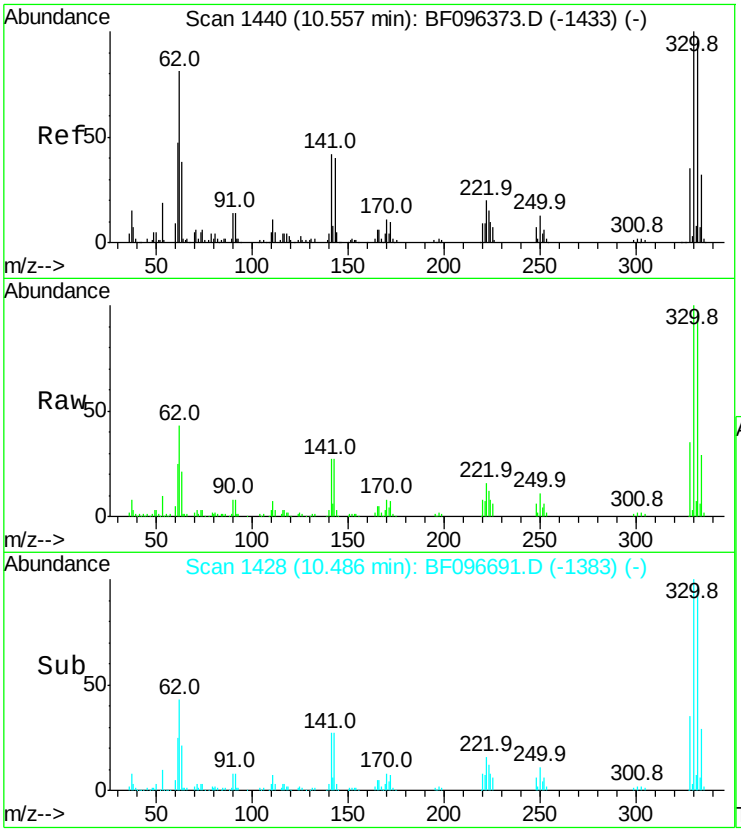


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:164 Resp: 236031

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	44.6	36.2	54.2



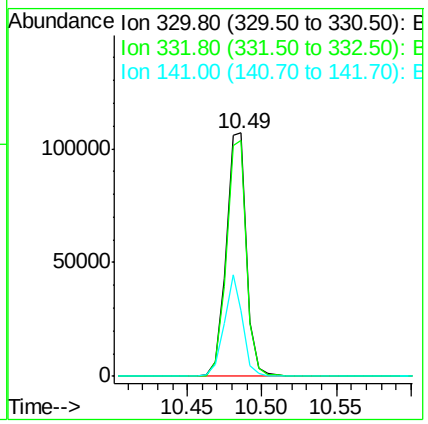


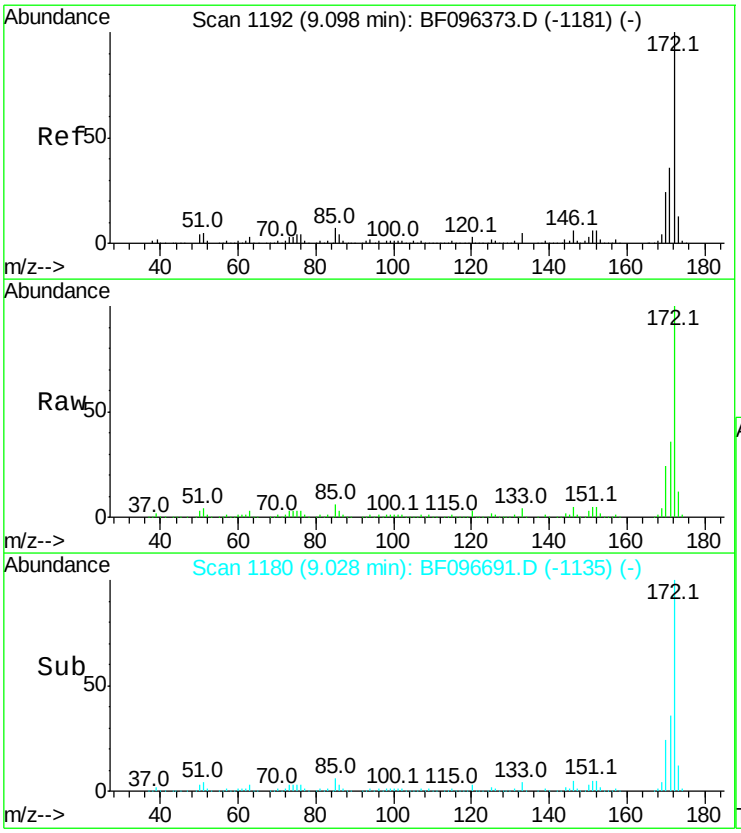
#41
2,4,6-Tribromophenol
Concen: 56.172 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 103564

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	37.1	31.4	47.2

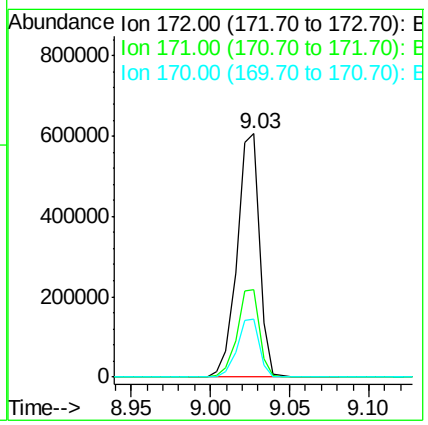


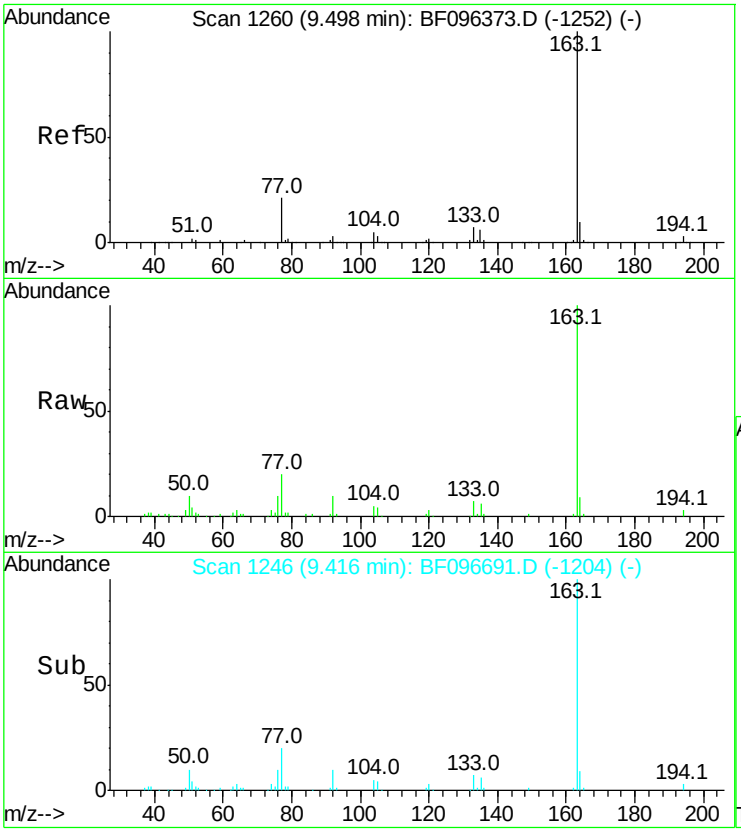


#44
2-Fluorobiphenyl
Concen: 43.043 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:172 Resp: 594200

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8



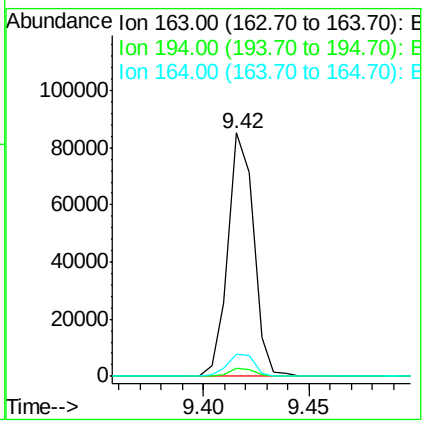


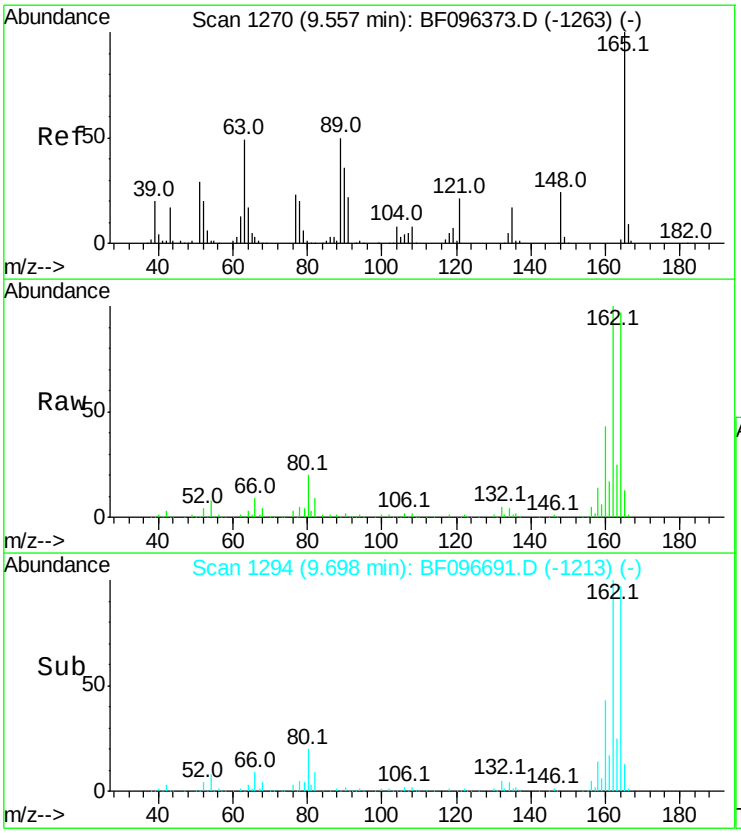
#49
Dimethylphthalate
Concen: 4.050 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.05 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 71367

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.4	8.4	12.6

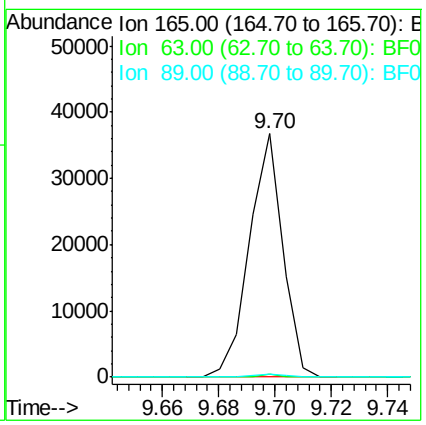


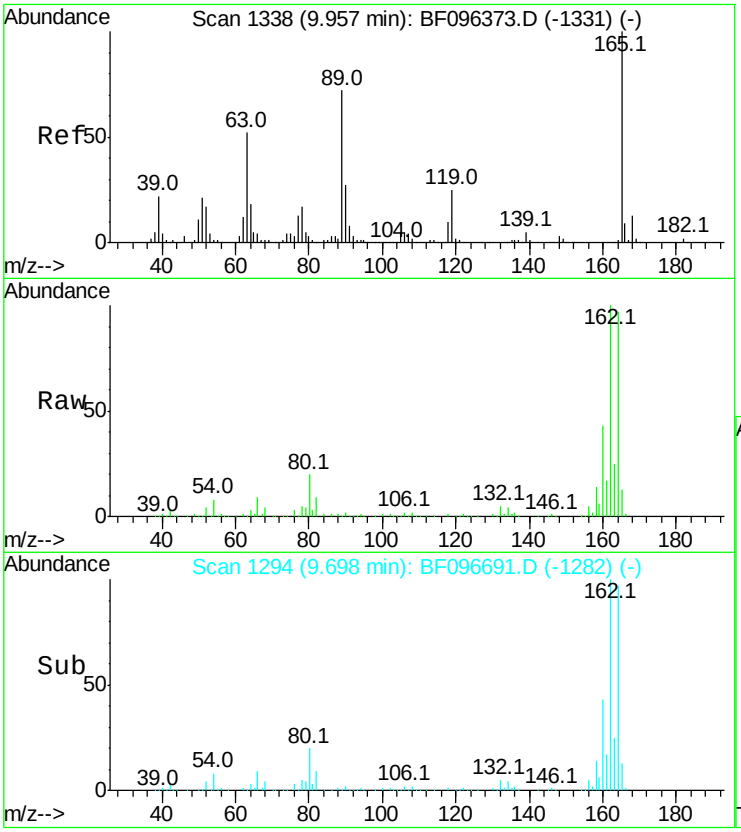


#50
2,6-Dinitrotoluene
Concen: 7.751 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.18 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:165 Resp: 30201

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.3	37.1	55.7#



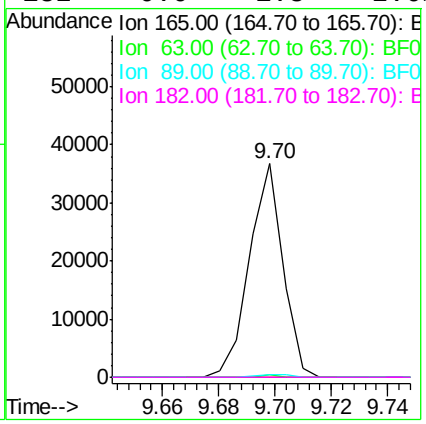


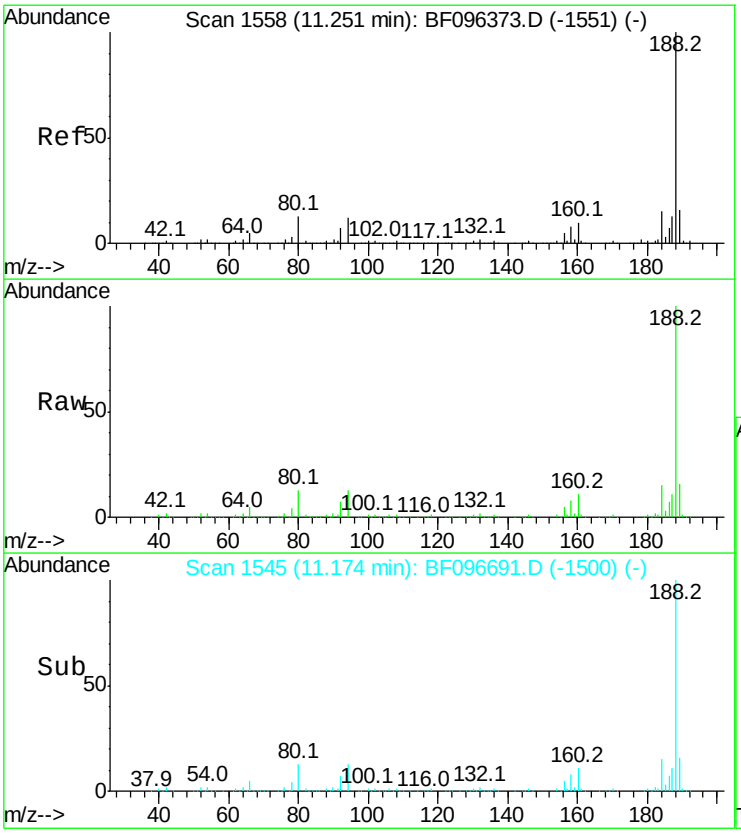
#56
2,4-Dinitrotoluene
Concen: 6.121 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.23 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30201

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

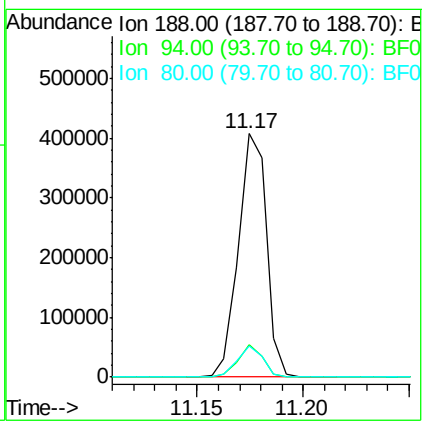


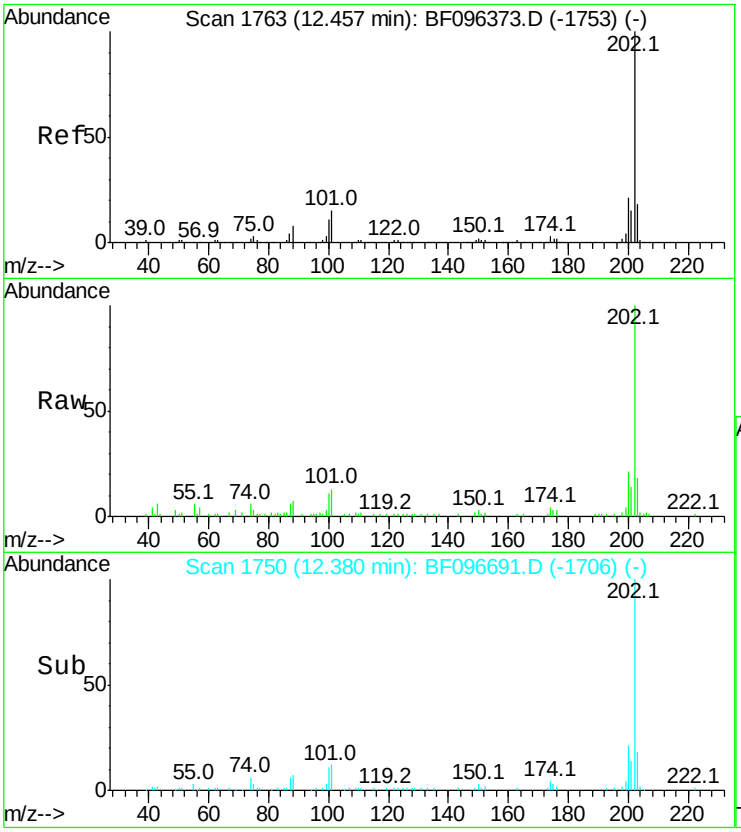


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:188 Resp: 375540

Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.4	14.2
80	12.9	10.2	15.2



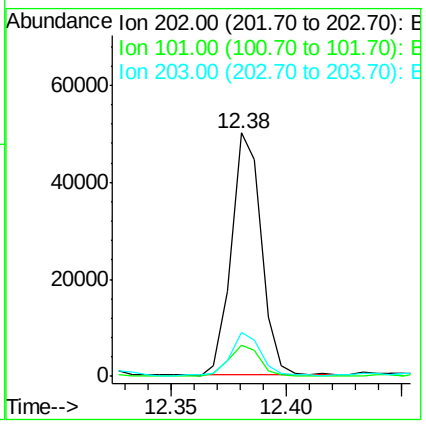


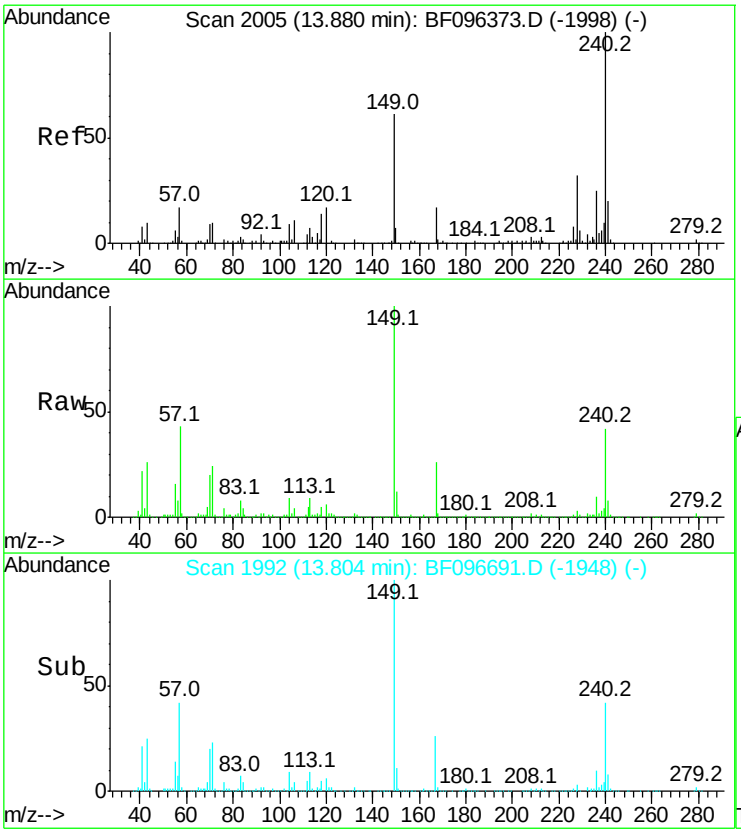
#74
Fluoranthene
Concen: 2.260 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 44977

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.8	0.0	38.1

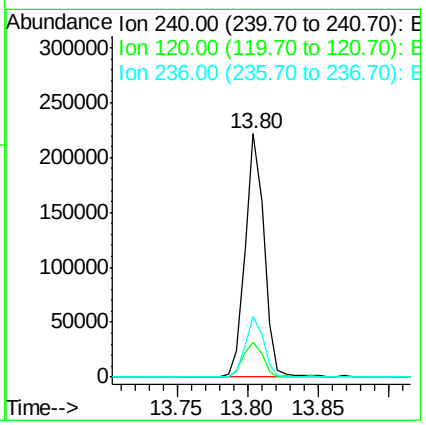


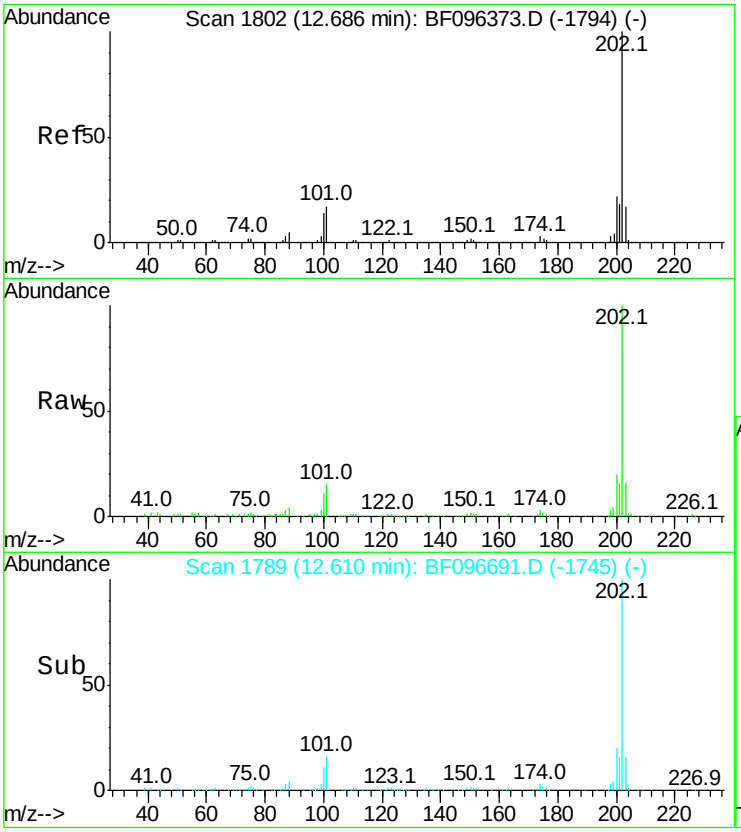


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:240 Resp: 209190

Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.6	20.5	30.7



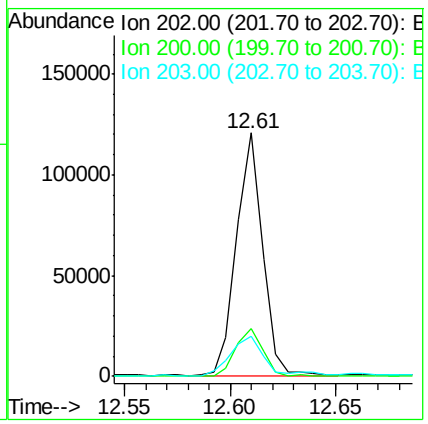


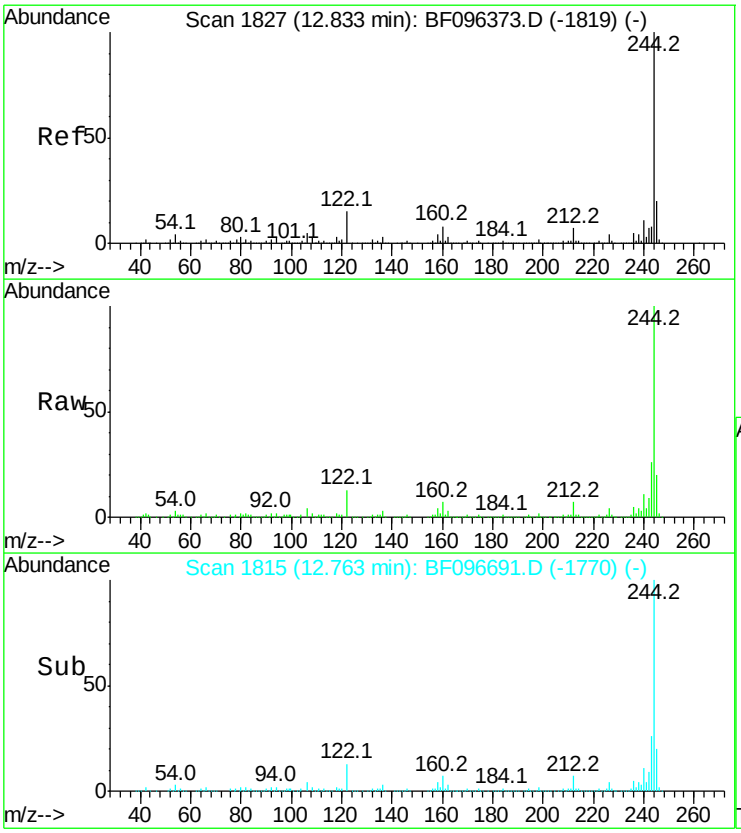
#77
Pyrene
Concen: 6.161 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 103446

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.6	26.4
203	16.4	14.4	21.6

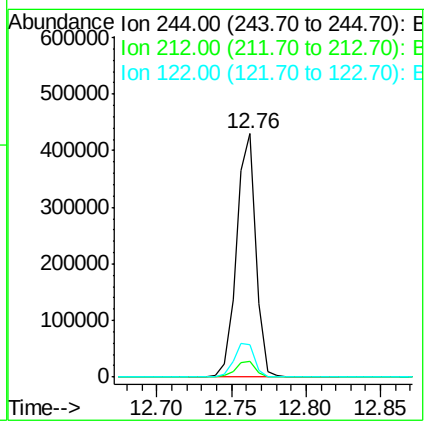


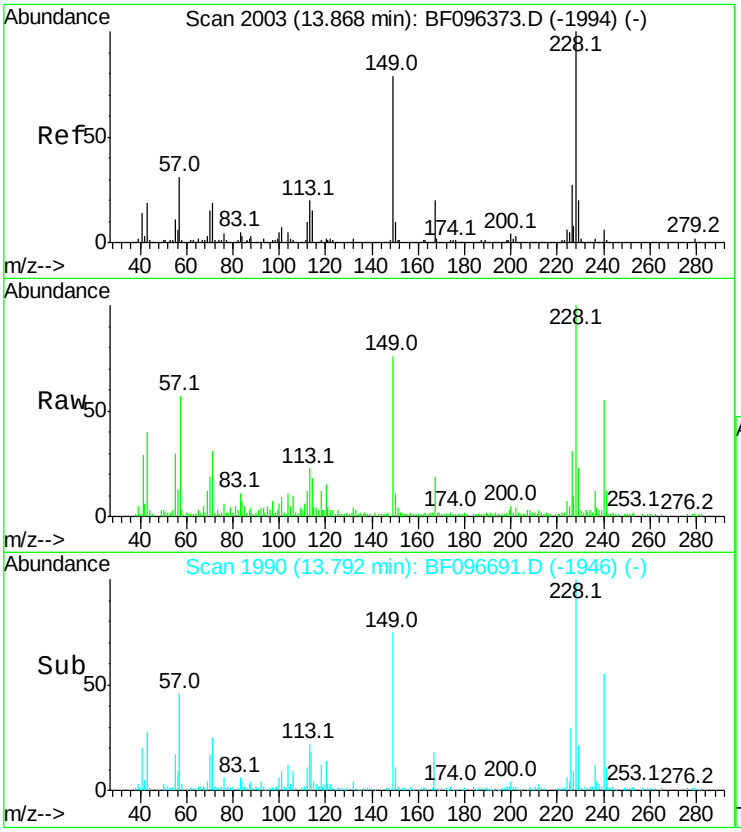


#78
Terphenyl-d14
Concen: 39.785 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:244 Resp: 389484

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.3	10.3	15.5



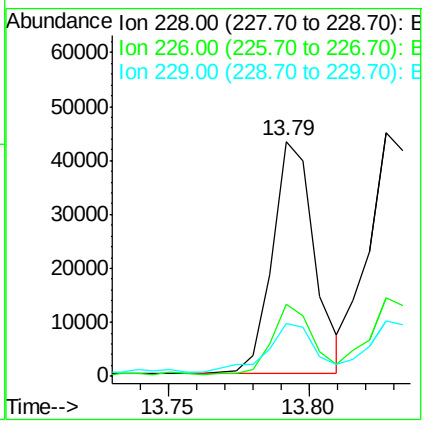


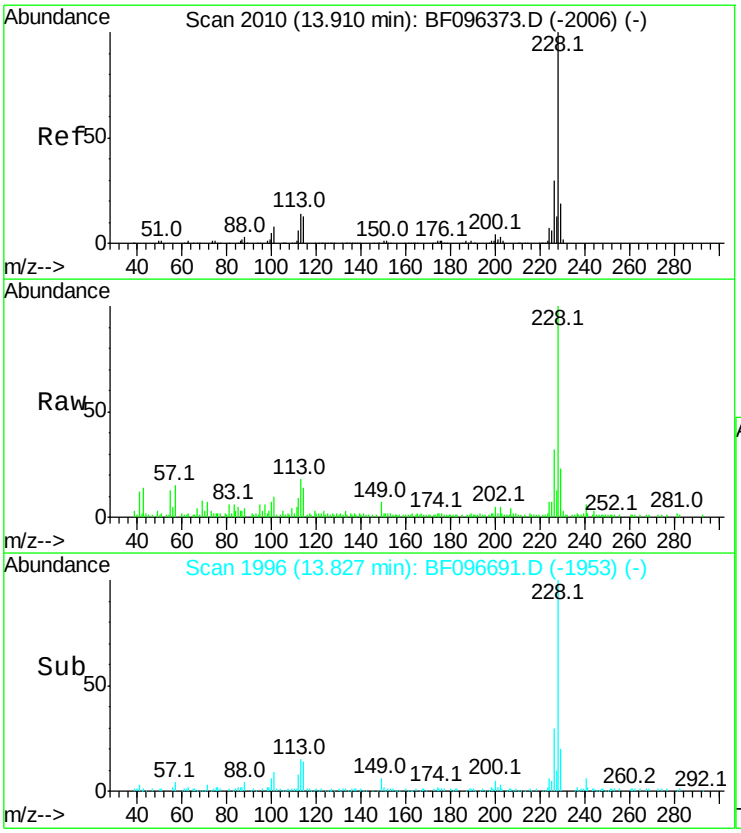
#80
Benzo(a)anthracene
Concen: 3.688 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 44679

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.7	16.3	24.5

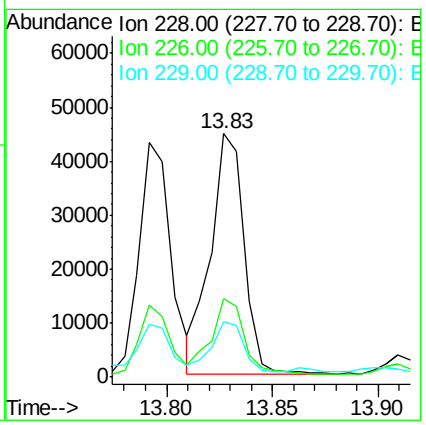


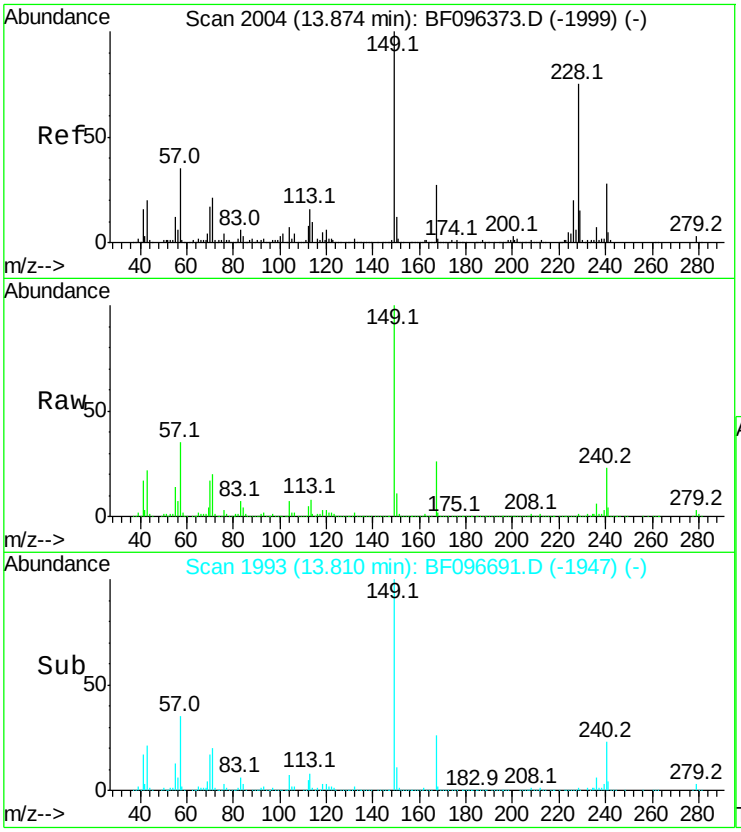


#82
Chrysene
Concen: 3.886 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.05 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:228 Resp: 49296

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	22.8	15.8	23.6



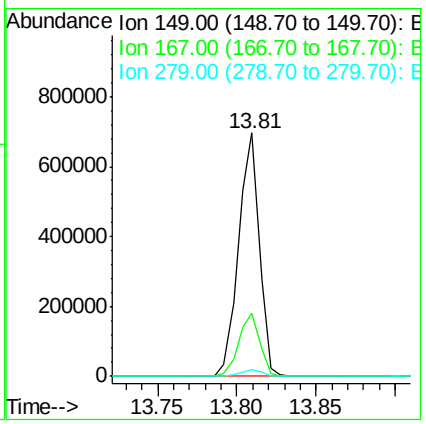


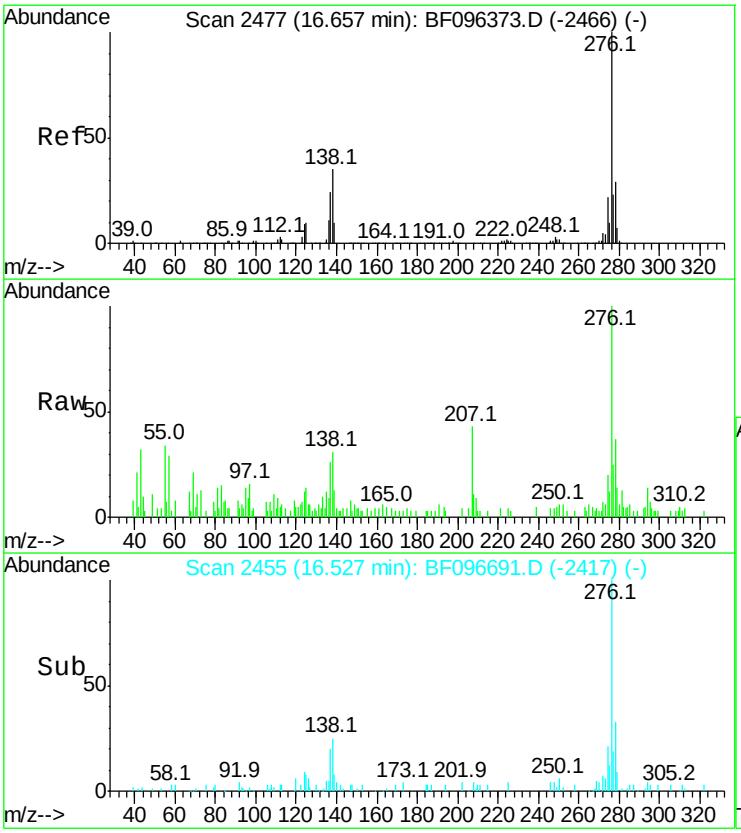
#83
Bis(2-ethylhexyl)phthalate
Concen: 66.270 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 628763

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	2.8	1.9	2.9

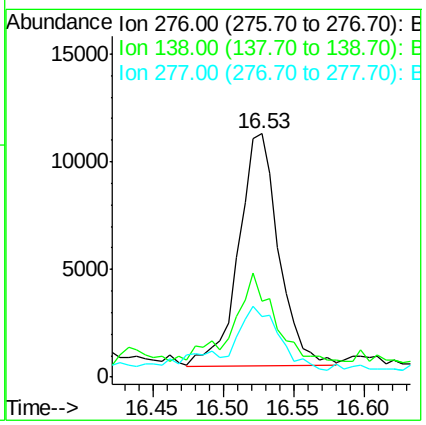


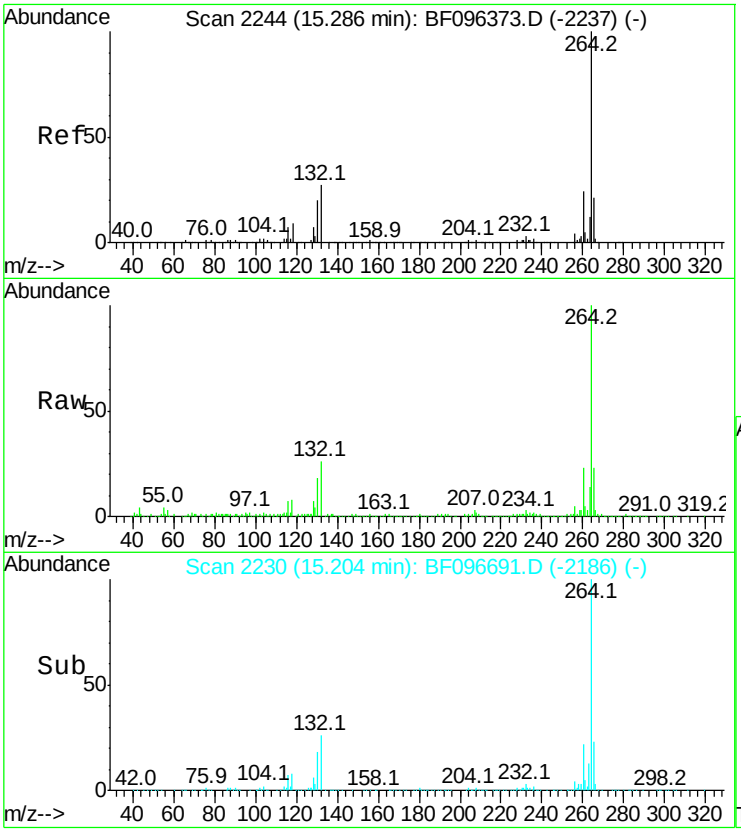


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.158 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.08 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:276 Resp: 21614

Ion	Ratio	Lower	Upper
276	100		
138	44.0	27.8	41.6#
277	26.7	20.2	30.4



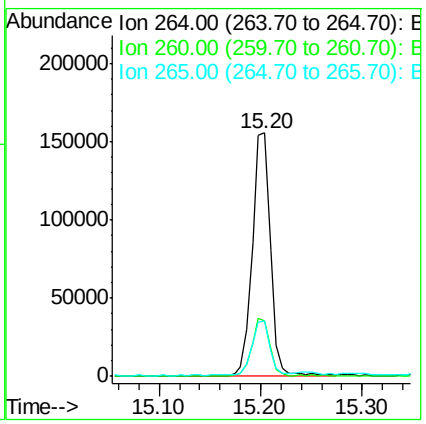


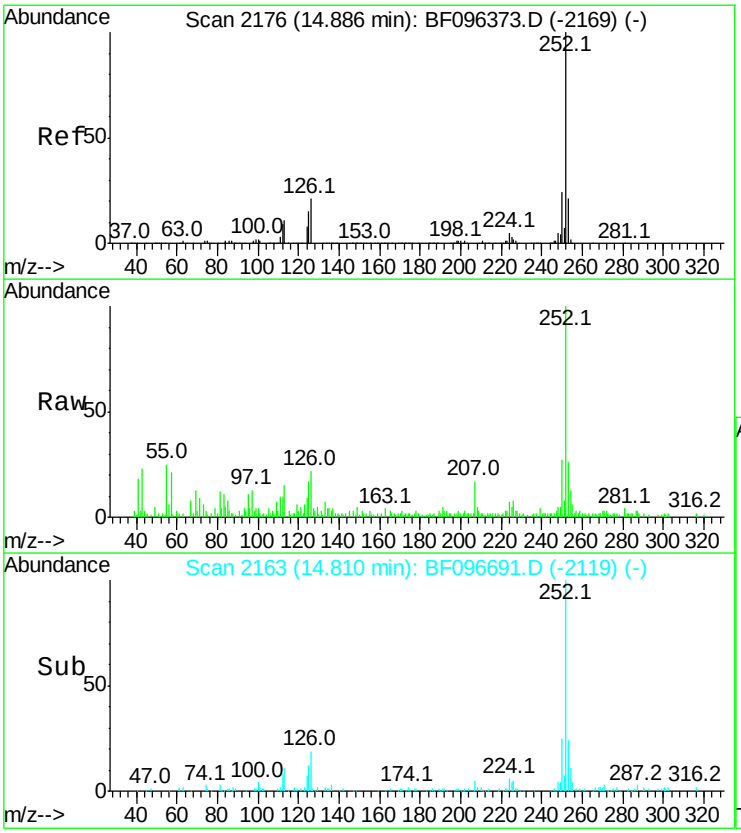
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 195805

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	23.0	17.2	25.8

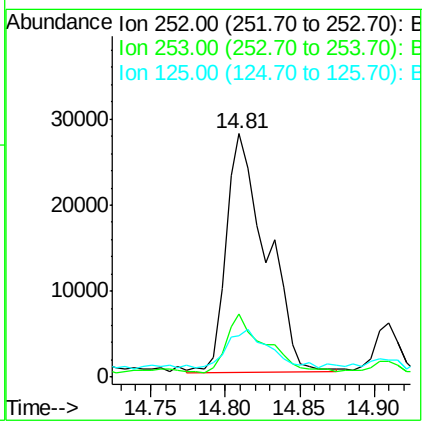


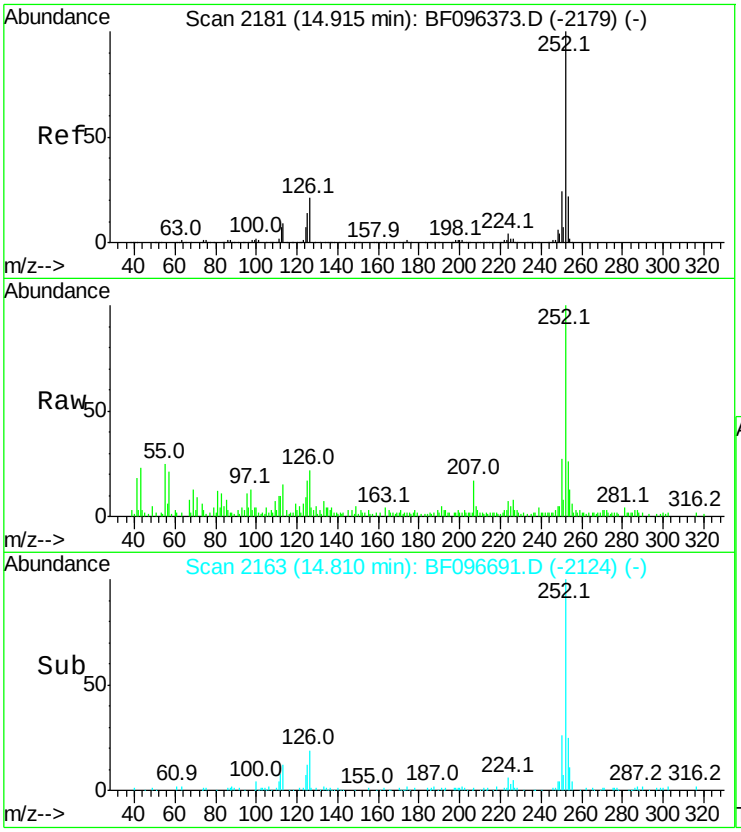


#87
Benzo(b)fluoranthene
Concen: 4.231 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:252 Resp: 51911

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.1	27.1
125	17.2	9.8	14.8#



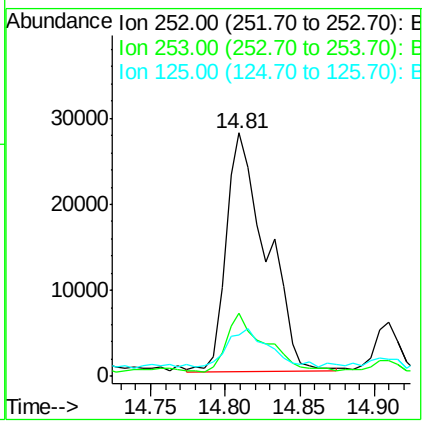


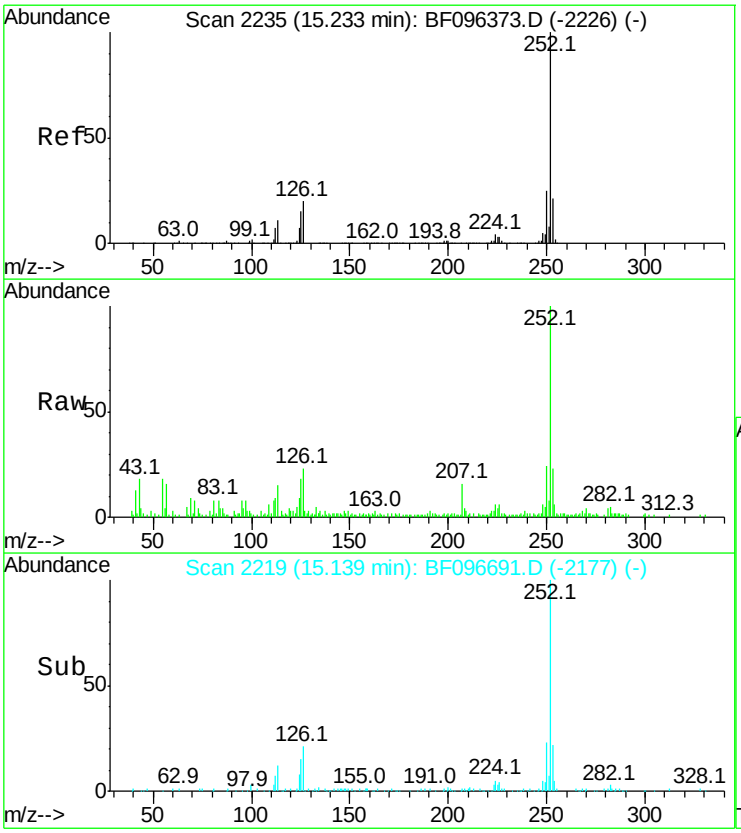
#88
Benzo(k)fluoranthene
Concen: 4.730 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.07 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 51911

Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.4	27.6
125	17.2	13.1	19.7

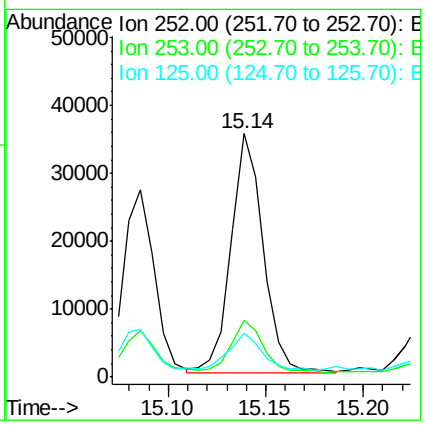


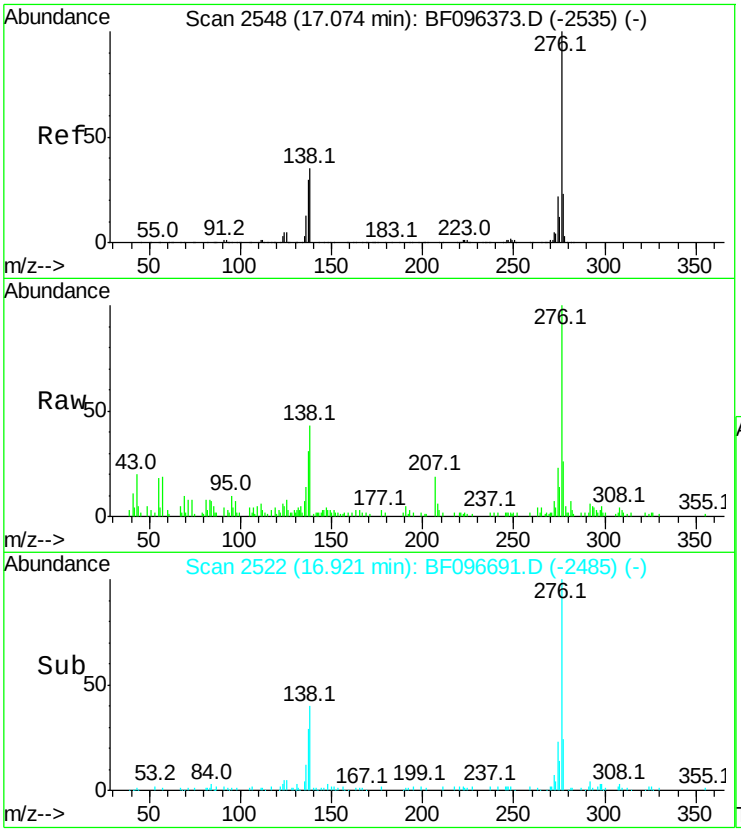


#89
Benzo(a)pyrene
Concen: 3.696 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Tgt Ion:252 Resp: 40480

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	18.0	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.468 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.08 min
Lab File: BF096691.D
Acq: 12 Jul 2017 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 48829

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	43.0	25.4	38.0#