Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096865.D
Acq On : 19 Jul 2017 1:12
Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-COMB-02

Quant Time: Jul 19 04:02:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	84873	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	332845	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	121532	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	179472	20.00	ng		0.00
75) Chrysene-d12	13.73	240	161640	20.00	ng		0.00
86) Perylene-d12	15.10	264	103407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	50426	8.93	ng		0.01
7) Phenol-d6	6.25	99	49603	7.32	ng		0.00
23) Nitrobenzene-d5	7.16	82	352400	65.58	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	17354	16.73	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	657185	85.43	ng		0.00
78) Terphenyl-d14	12.69	244	461196	49.48	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.26	94	29201	3.81	ng		96
15) Benzyl Alcohol	6.75	79	24967	5.63	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	25209	2.12	ng		90
17) 2-Methylphenol	6.75	107	10416	2.20	ng	#	1
19) n-Nitroso-di-n-propylamine	7.01	70	289693	70.99	ng	#	41
20) 3+4-Methylphenols	7.03	107	39633	6.90	ng	#	60
25) Isophorone	7.16	82	349163	34.93	ng	#	67
49) Dimethylphthalate	9.35	163	31488	3.44	ng		98
50) 2,6-Dinitrotoluene	9.63	165	15662	7.90	ng	#	33
53) 2,4-Dinitrophenol	9.63	184	403	7.12	ng	#	48
56) 2,4-Dinitrotoluene	9.63	165	15662	6.15	ng	#	32
83) Bis(2-ethylhexyl)phthalate	13.73	149	45017	5.30	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.37	276	107	3.34	ng	#	1

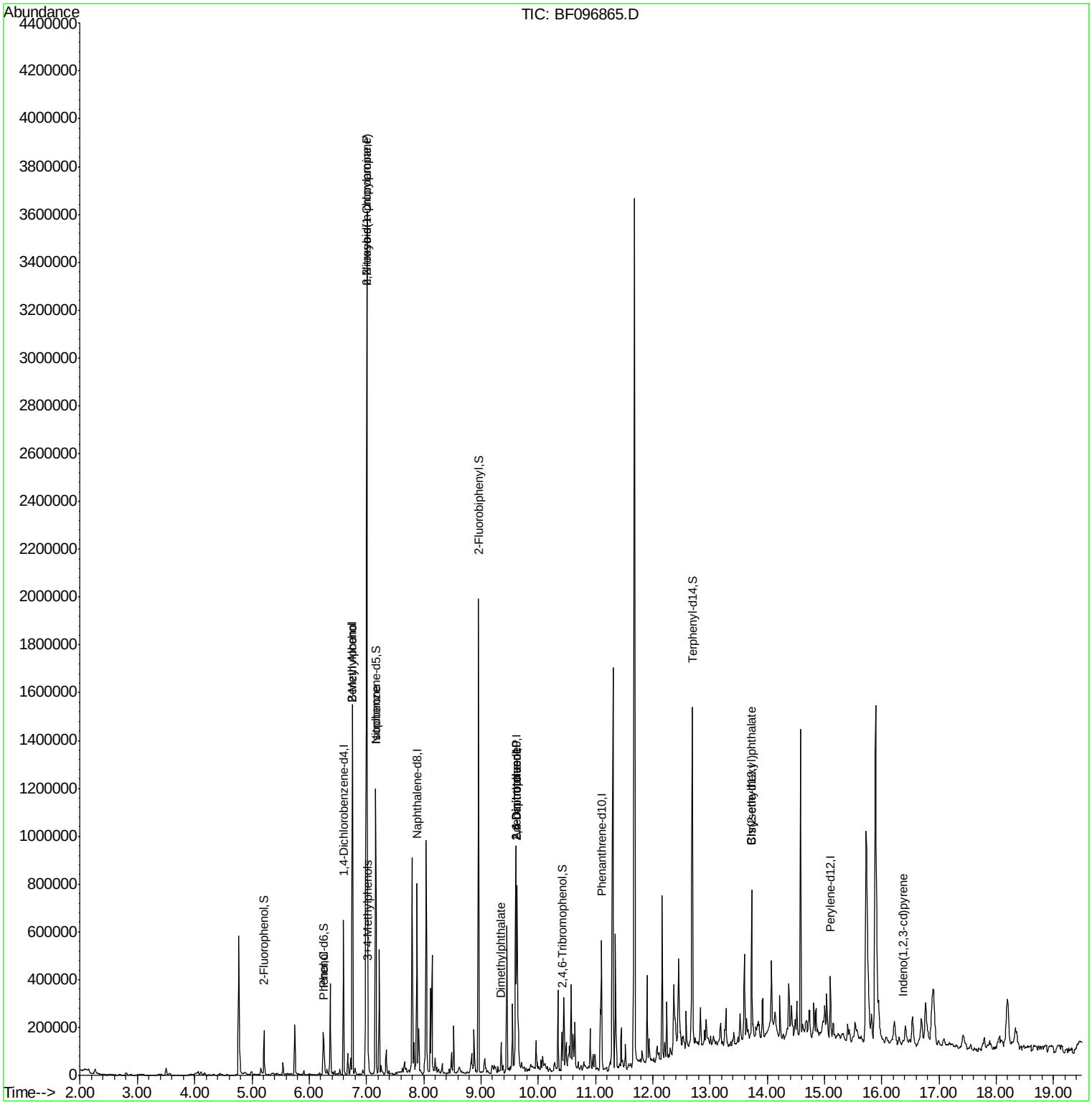
(#) = qualifier out of range (m) = manual integration (+) = signals summed

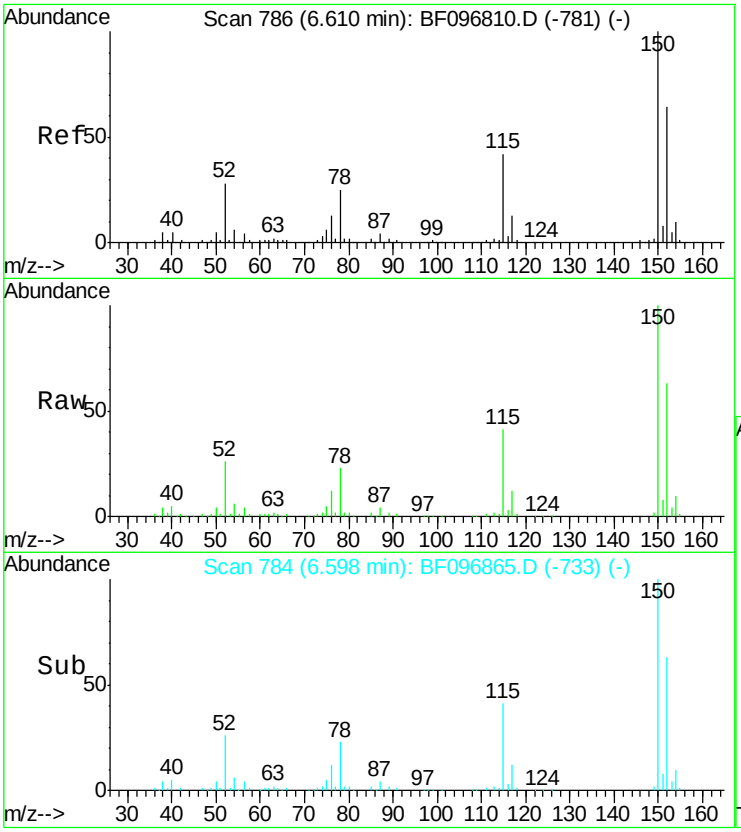
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
Data File : BF096865.D
Acq On : 19 Jul 2017 1:12
Operator : SJ/JU
Sample : I4234-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Quant Time: Jul 19 04:02:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration



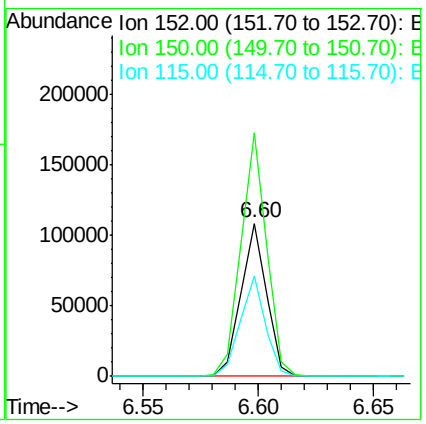


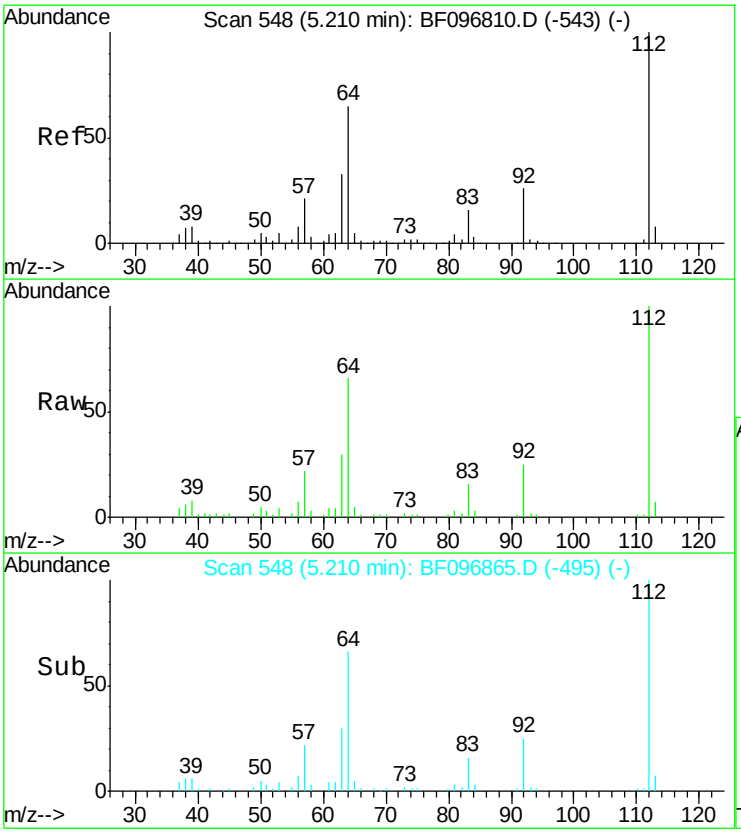
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:152 Resp: 84873

Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	65.3	52.2	78.2

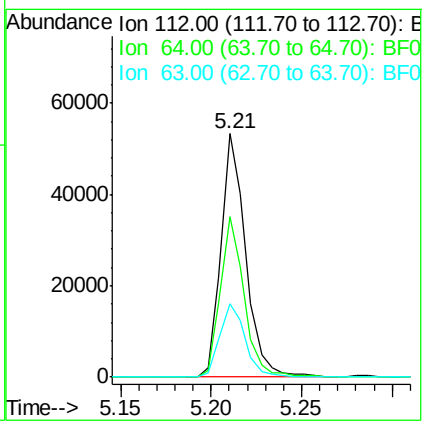


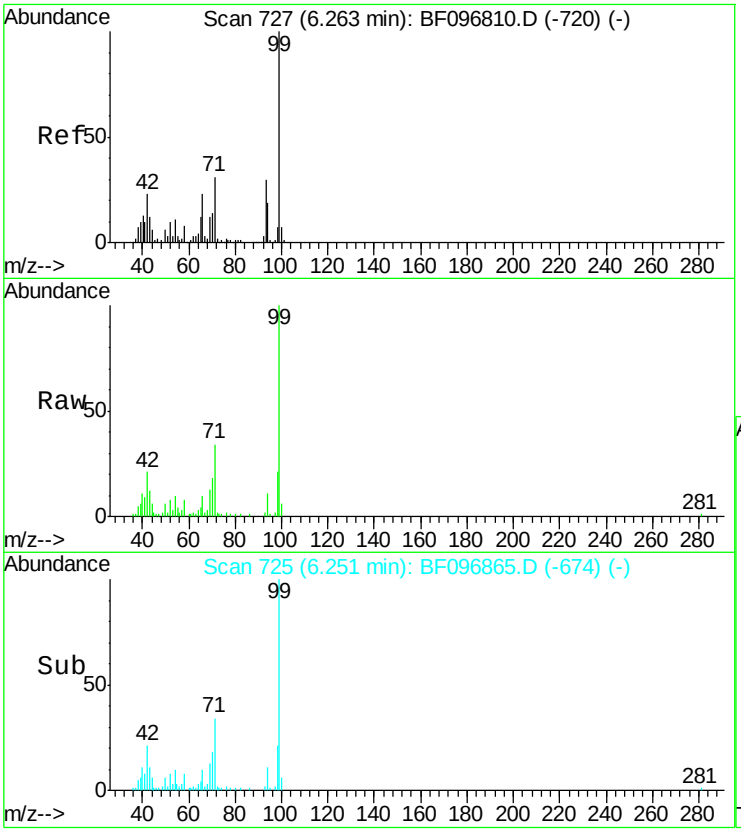


#5
2-Fluorophenol
Concen: 8.93 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:112 Resp: 50426

Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.0	69.0
63	29.9	23.4	35.0



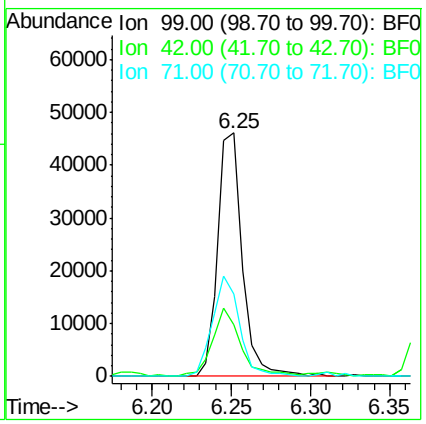


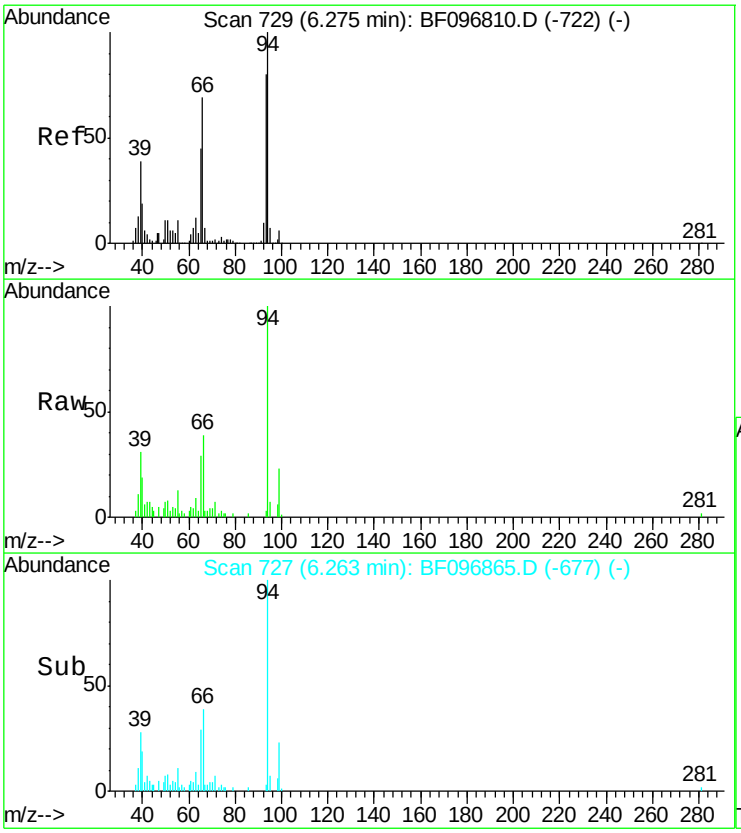
#7
Phenol-d6
Concen: 7.32 ng
RT: 6.25 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion: 99 Resp: 49603

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.5	20.3#
71	34.0	24.5	36.7

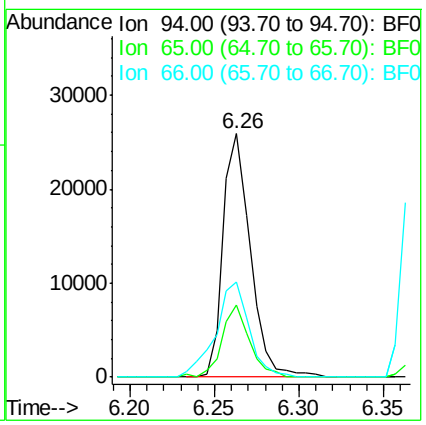


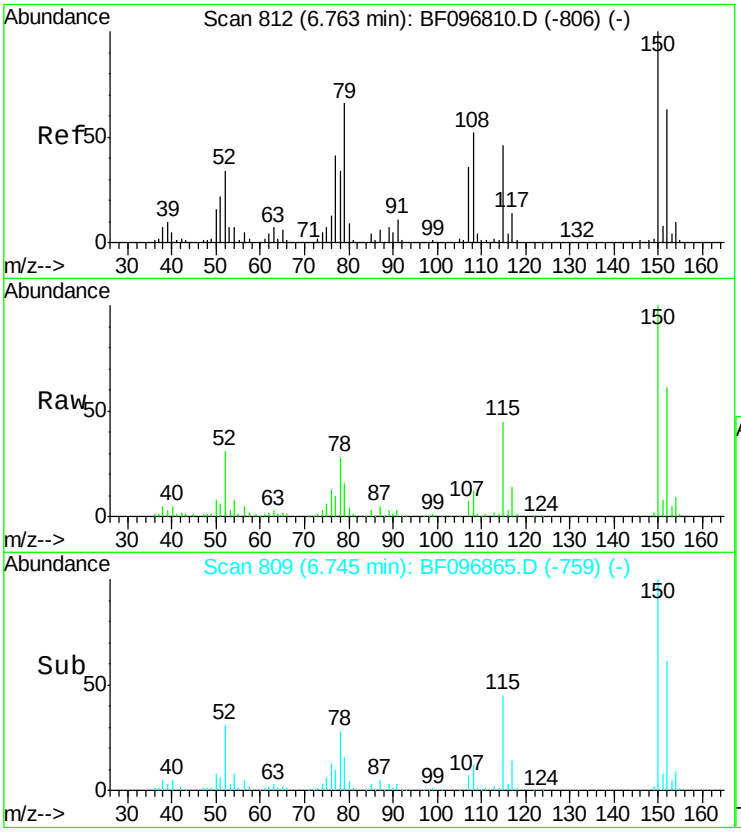


#10
Phenol
Concen: 3.81 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion: 94 Resp: 29201

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	39.3	23.1	63.1



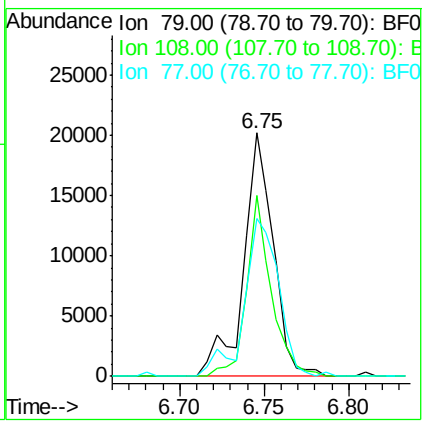


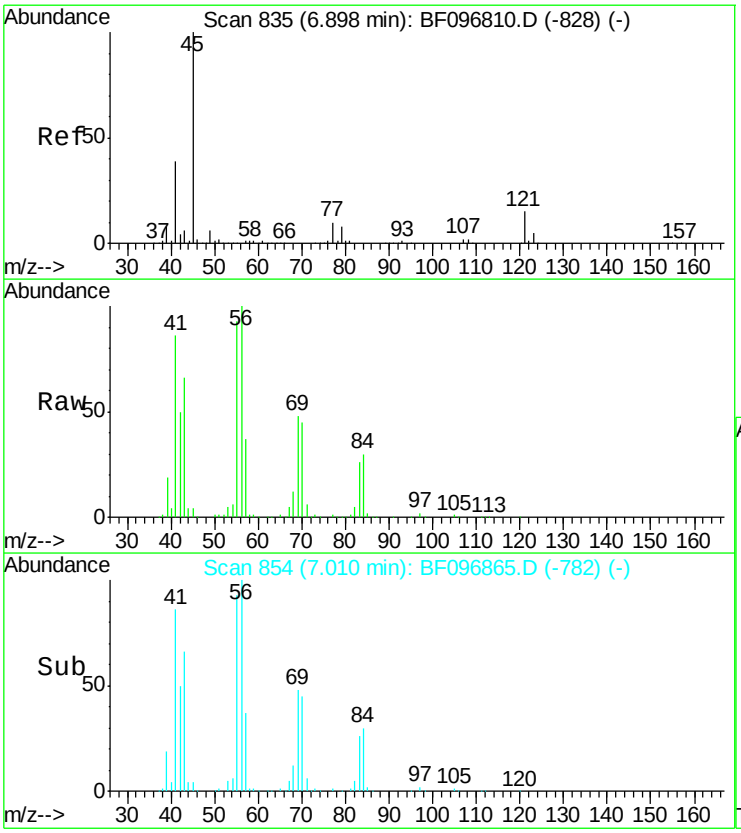
#15
Benzyl Alcohol
Concen: 5.63 ng
RT: 6.75 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion: 79 Resp: 24967

Ion	Ratio	Lower	Upper
79	100		
108	74.3	63.4	95.0
77	64.9	49.2	73.8

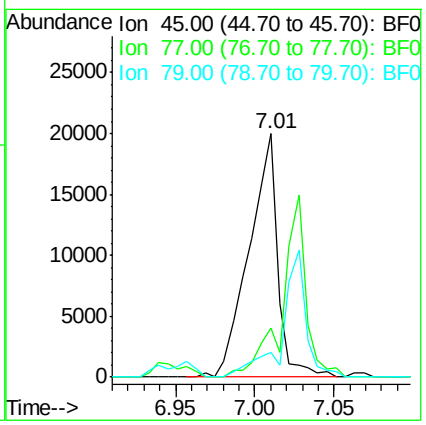


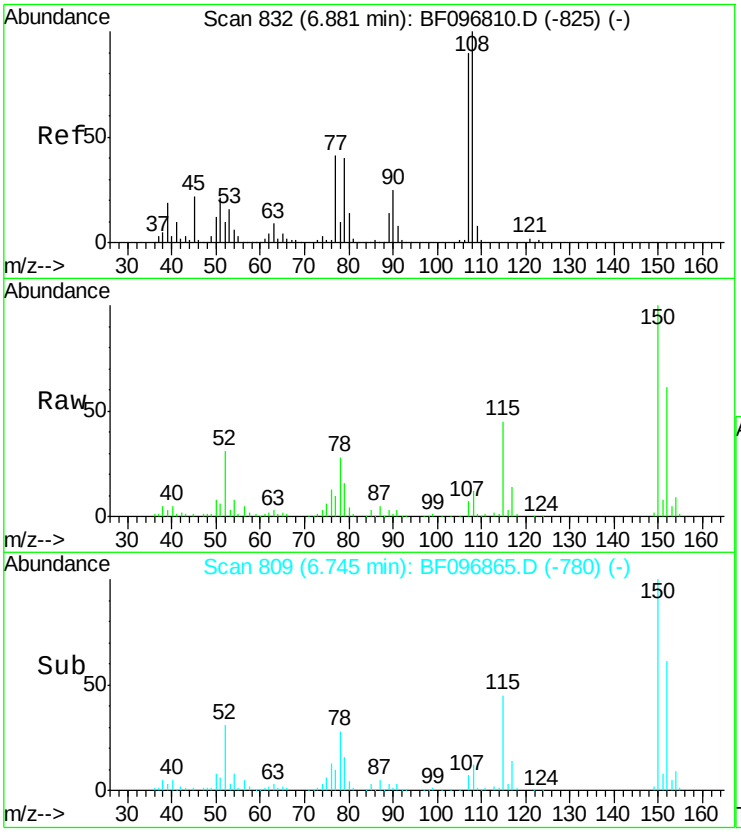


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.12 ng
RT: 7.01 min Scan# 854
Delta R.T. 0.12 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion: 45 Resp: 25209

Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.0	33.2
79	10.2	0.0	30.0



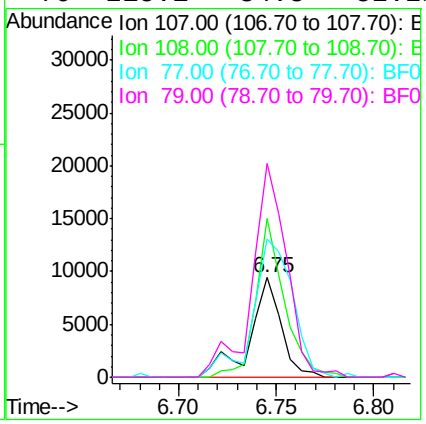


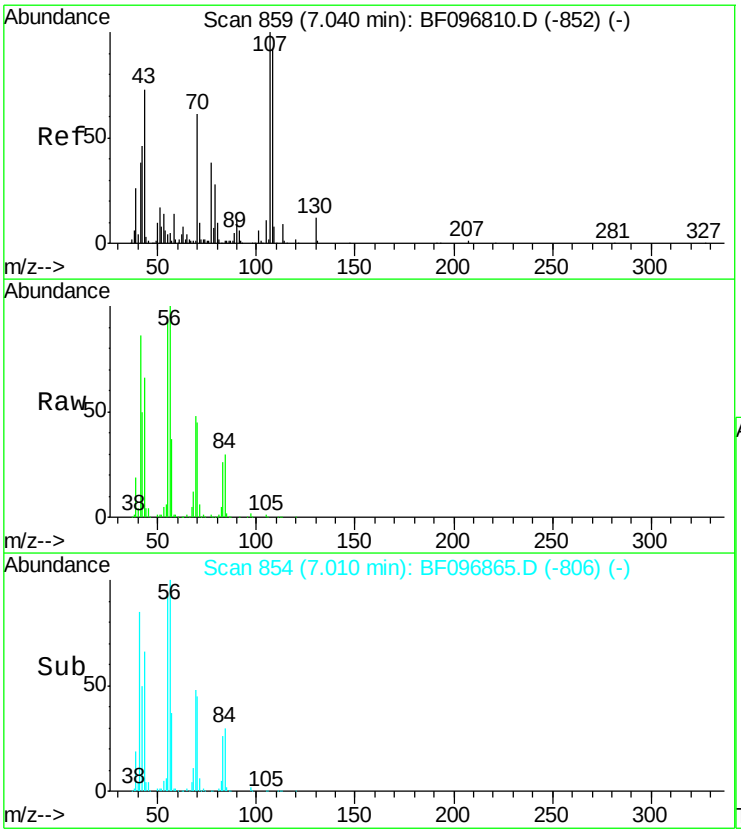
#17
2-Methylphenol
Concen: 2.20 ng
RT: 6.75 min Scan# 809
Delta R.T. -0.13 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:107 Resp: 10416

Ion	Ratio	Lower	Upper
107	100		
108	159.8	93.4	140.0#
77	139.5	35.8	53.6#
79	215.1	34.8	52.2#

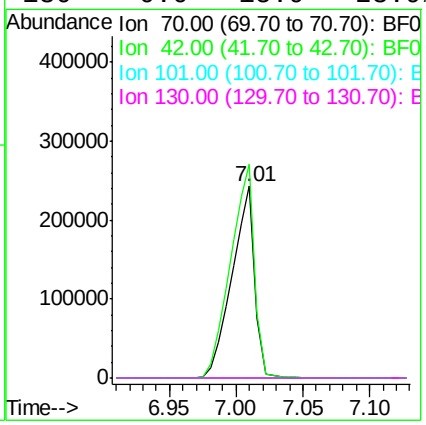


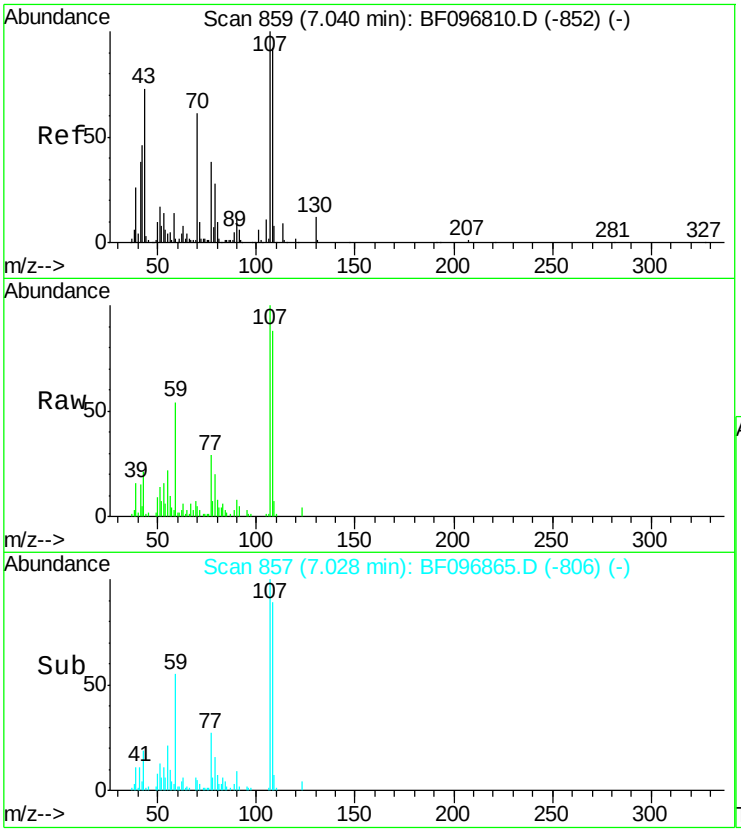


#19
n-Nitroso-di-n-propylamine
Concen: 70.99 ng
RT: 7.01 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion: 70 Resp: 289693

Ion	Ratio	Lower	Upper
70	100		
42	111.5	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



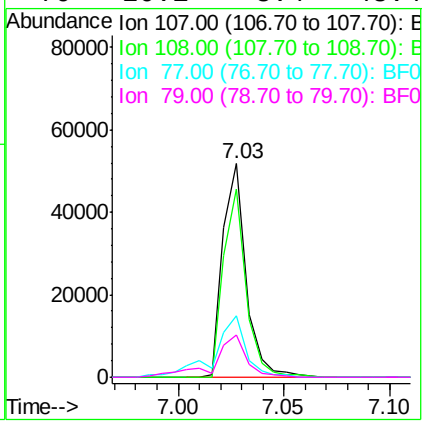


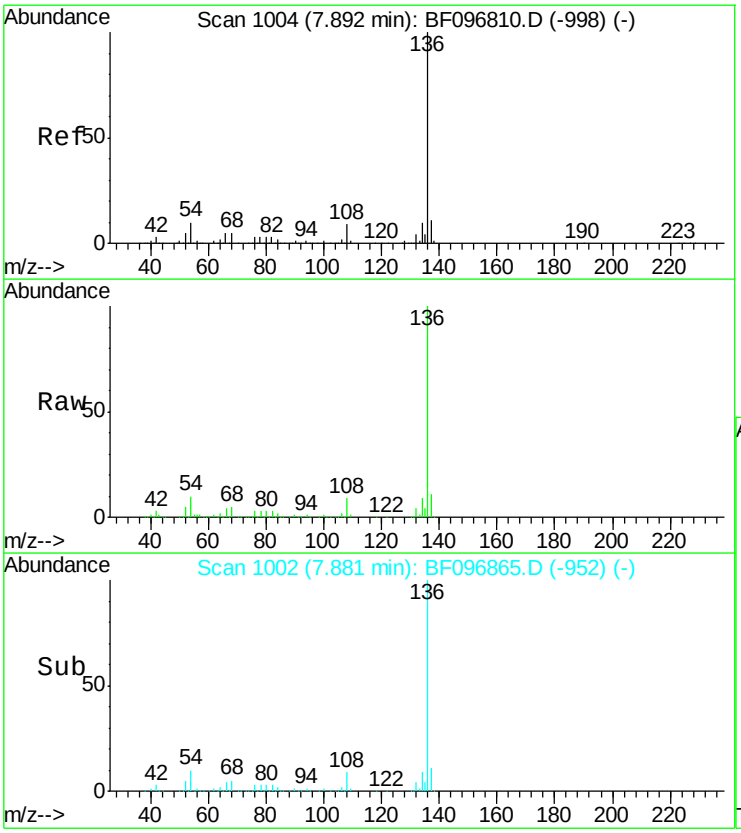
#20
3+4-Methylphenols
Concen: 6.90 ng
RT: 7.03 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:107 Resp: 39633

Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	28.9	90.5	130.5#
79	20.1	8.4	48.4

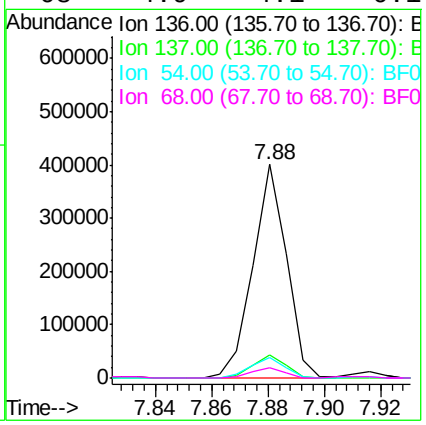


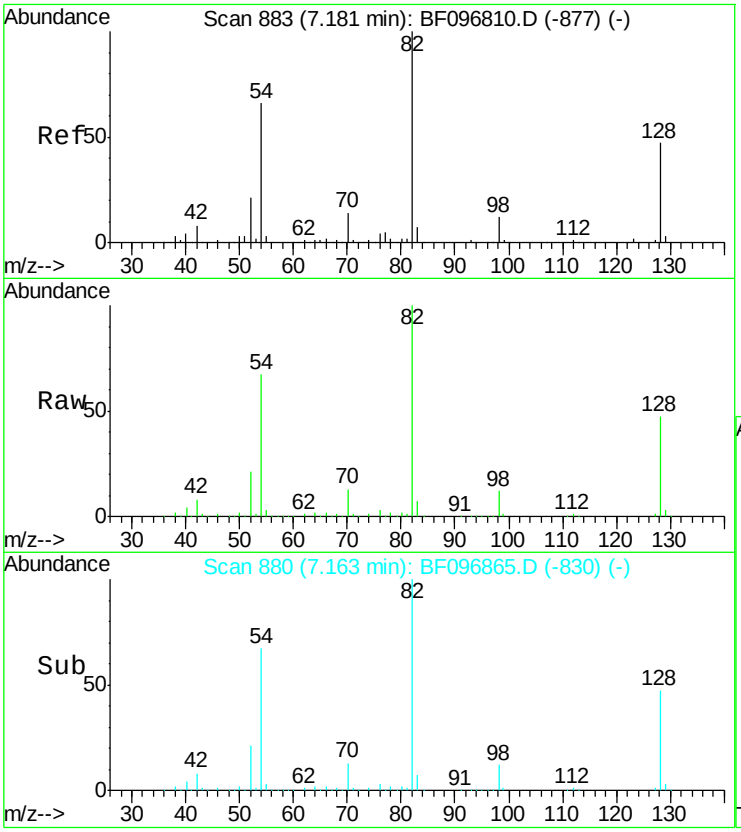


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:136 Resp: 332845

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.9	4.9	7.3#
68	4.9	4.1	6.1



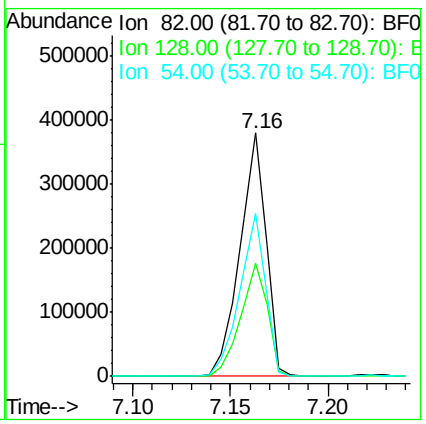


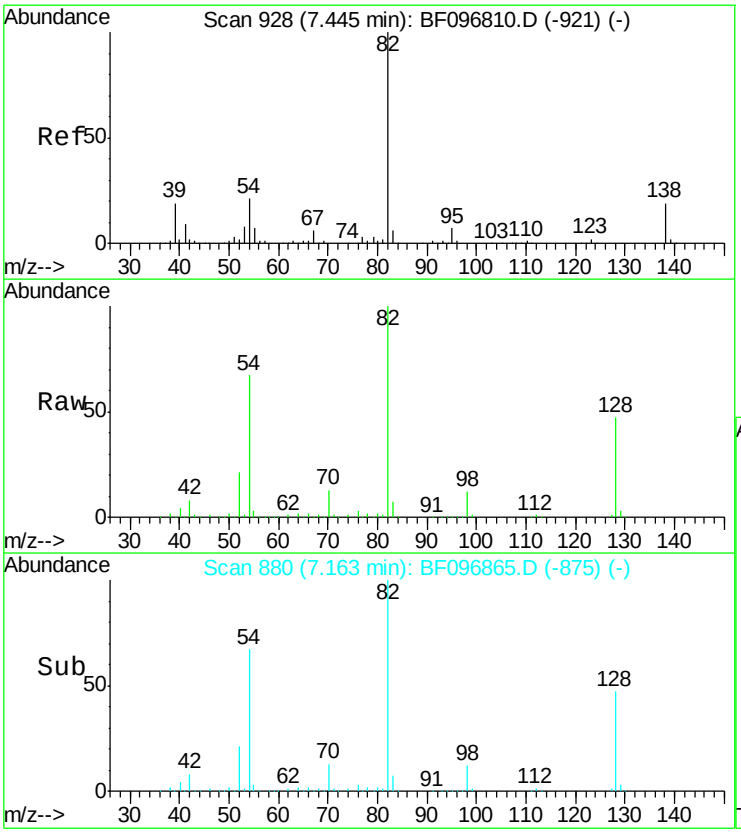
#23
Nitrobenzene-d5
Concen: 65.58 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion: 82 Resp: 352400

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	67.1	42.2	63.2#

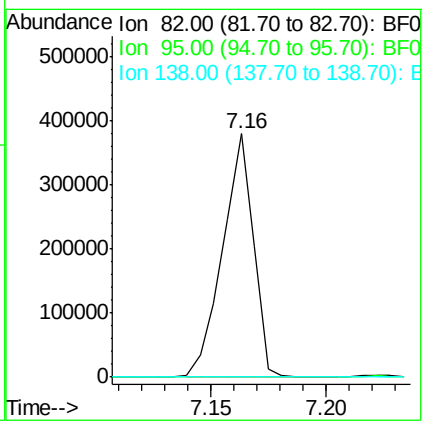


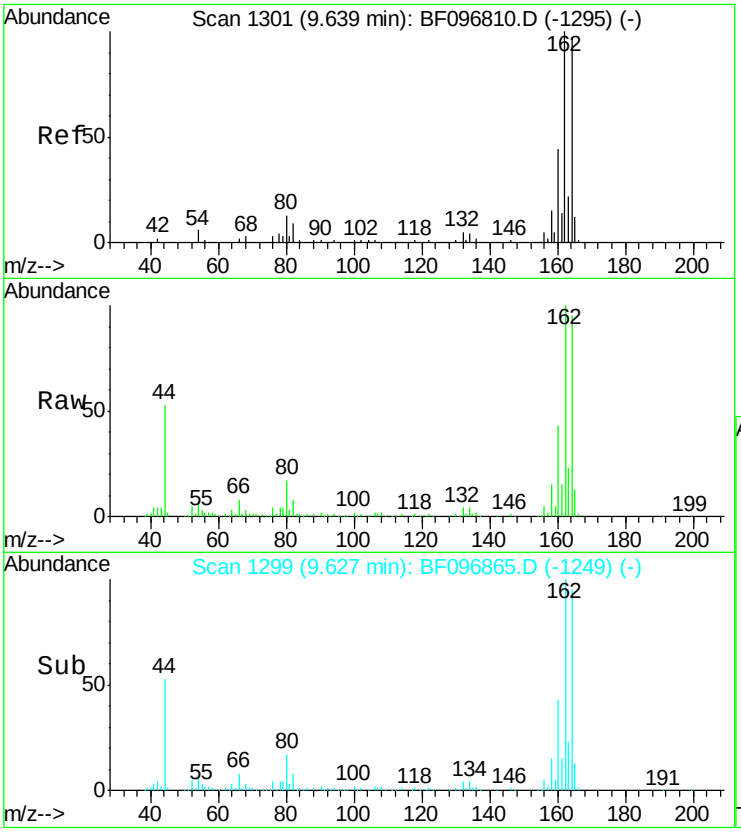


#25
Isophorone
Concen: 34.93 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion: 82 Resp: 349163

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#



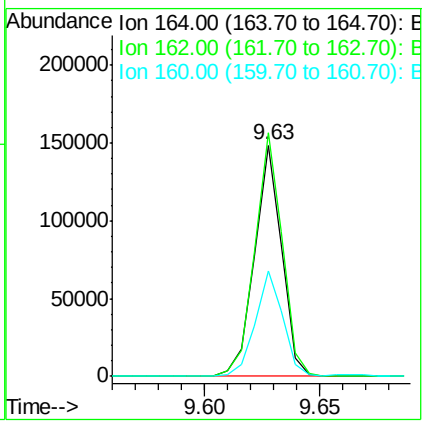


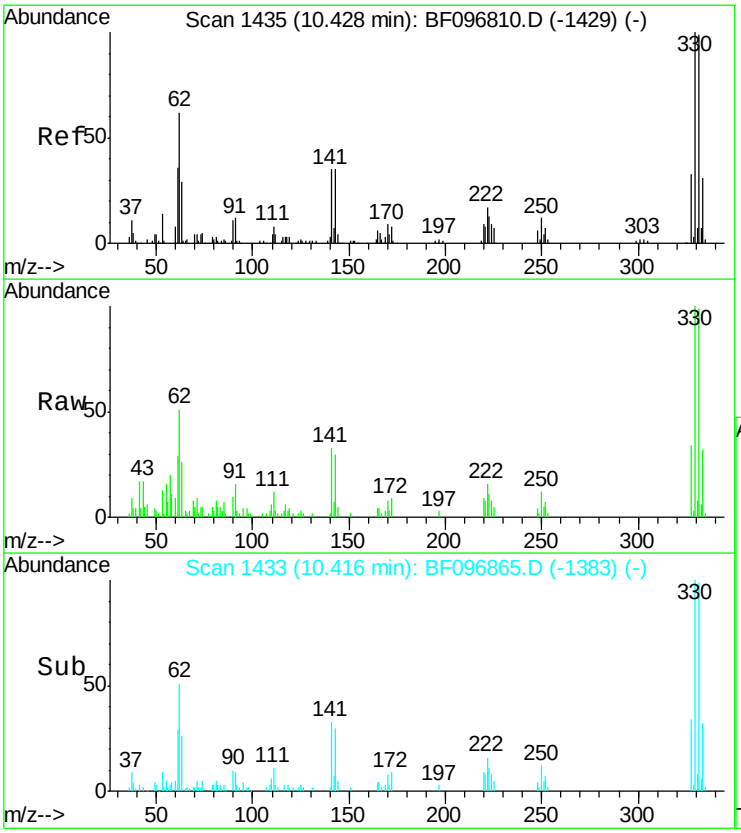
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:164 Resp: 121532

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.3	36.2	54.2

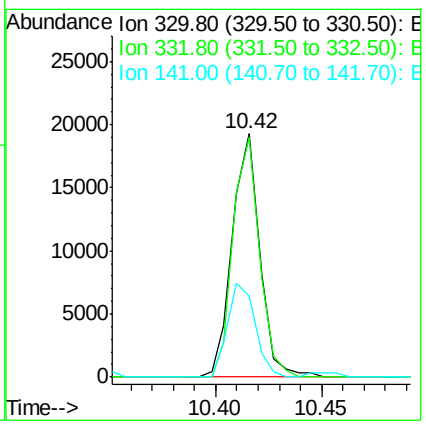


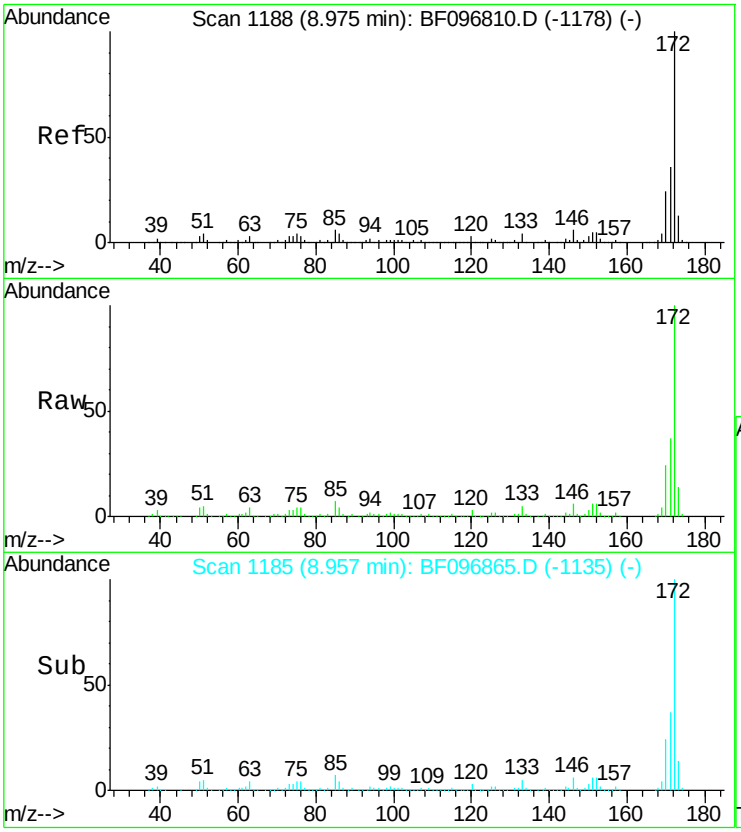


#41
2,4,6-Tribromophenol
Concen: 16.73 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:330 Resp: 17354

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	115.0
141	38.4	31.4	47.2



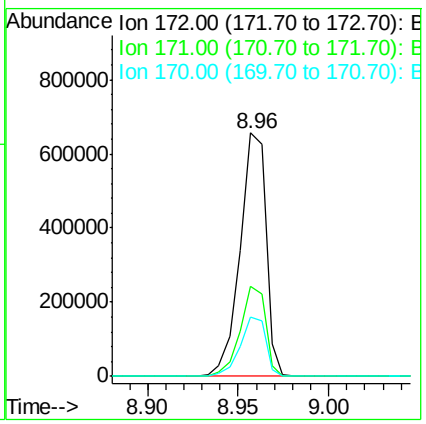


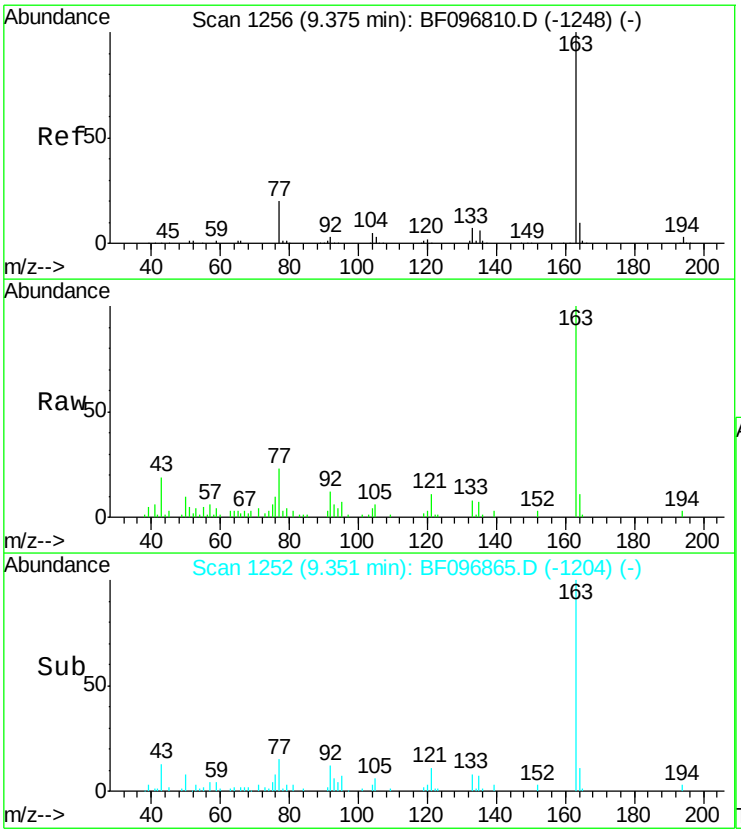
#44
2-Fluorobiphenyl
Concen: 85.43 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:172 Resp: 657185

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.4	19.8	29.8

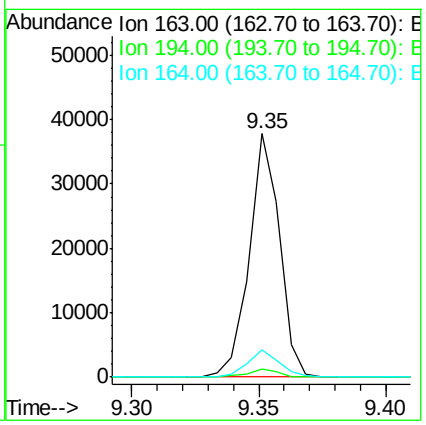


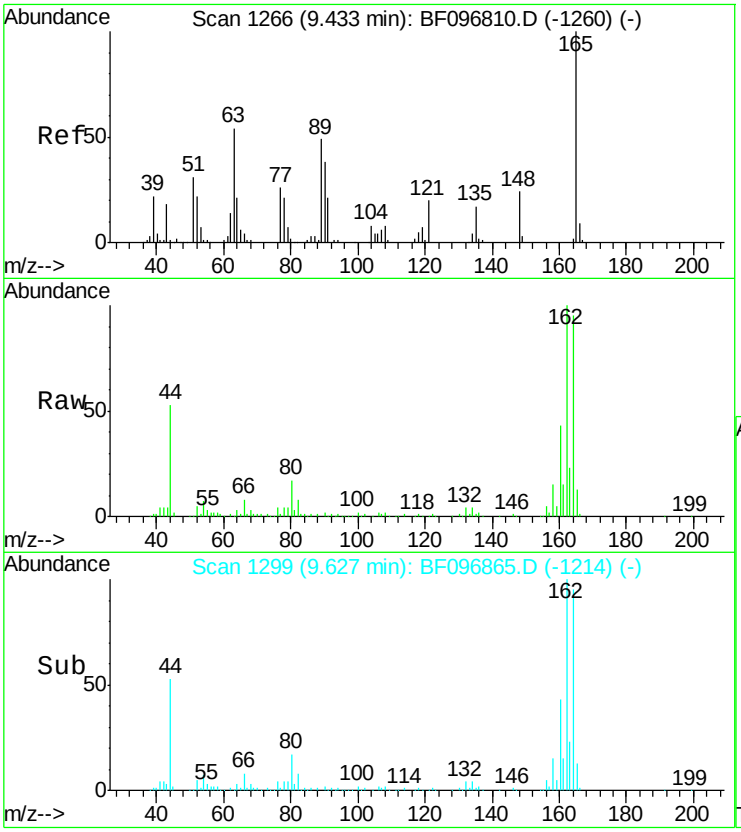


#49
Dimethylphthalate
Concen: 3.44 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:163 Resp: 31488

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.2	8.4	12.6



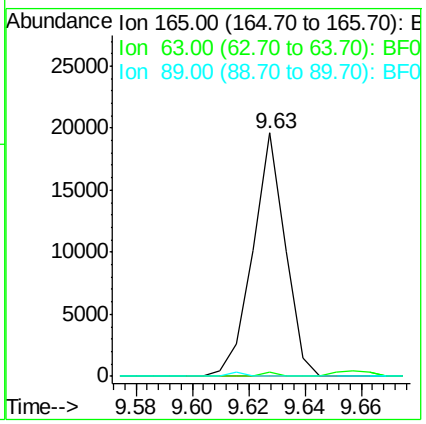


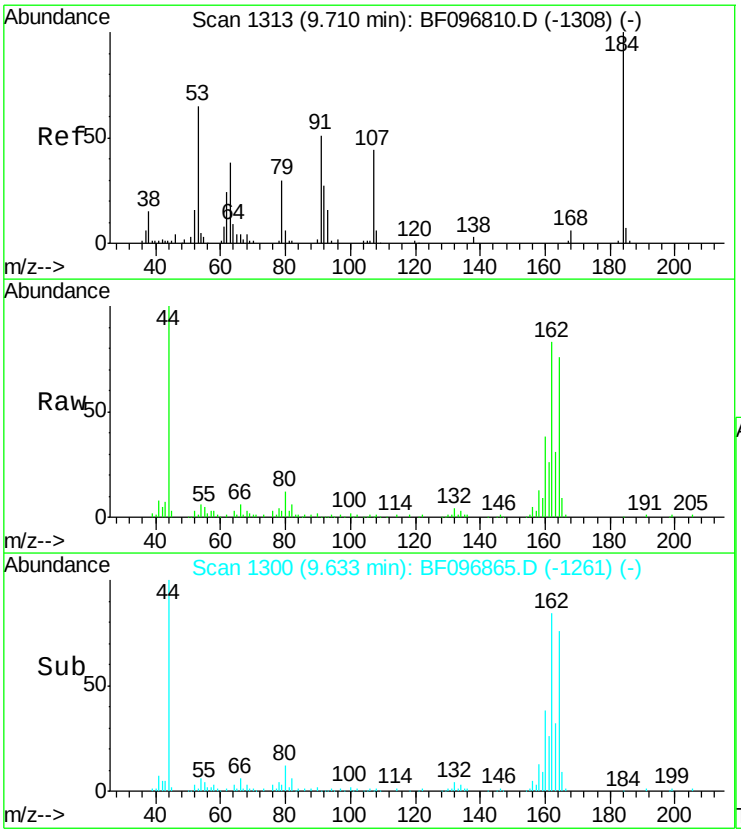
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.63 min Scan# 1299
Delta R.T. 0.20 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:165 Resp: 15662

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	0.0	37.1	55.7#

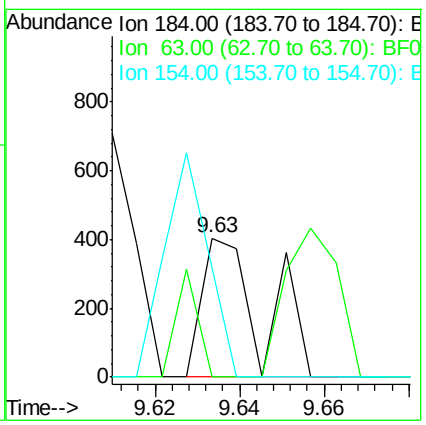


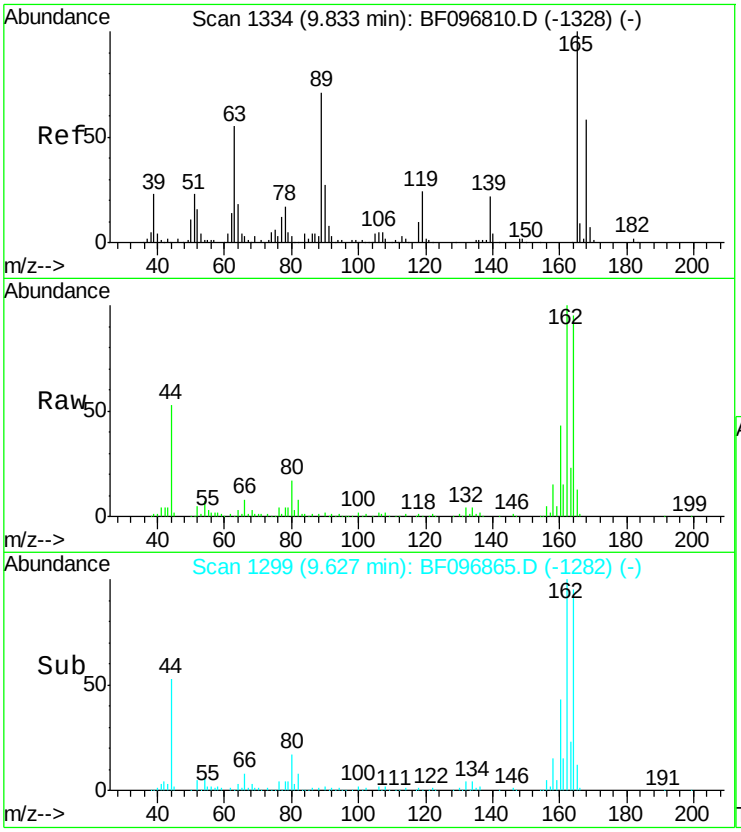


#53
2,4-Dinitrophenol
Concen: 7.12 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.07 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:184 Resp: 403

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	78.5	81.1	121.7#



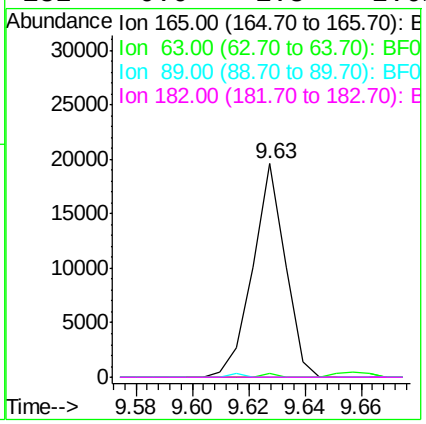


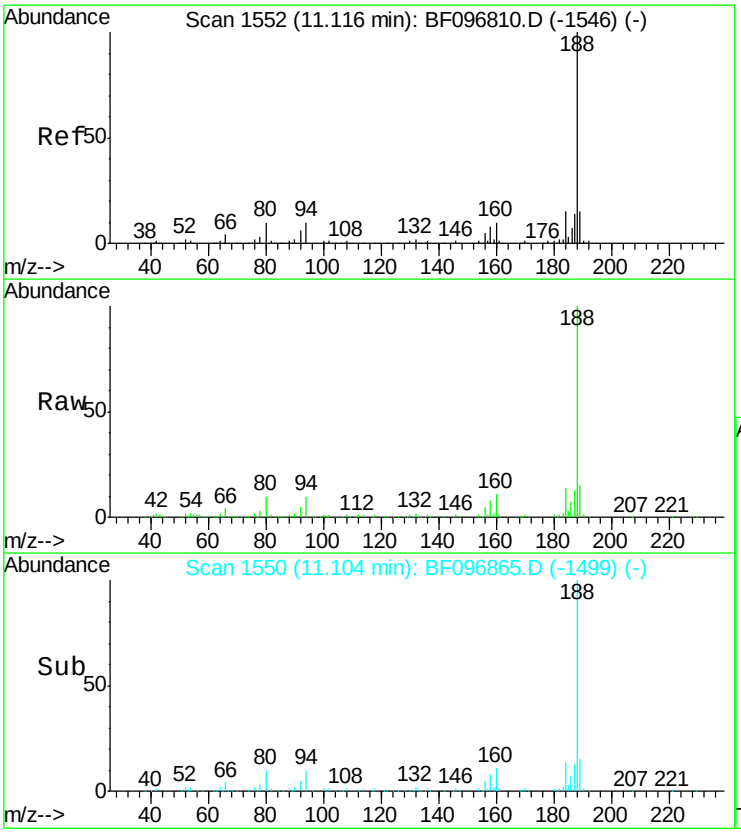
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:165 Resp: 15662

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

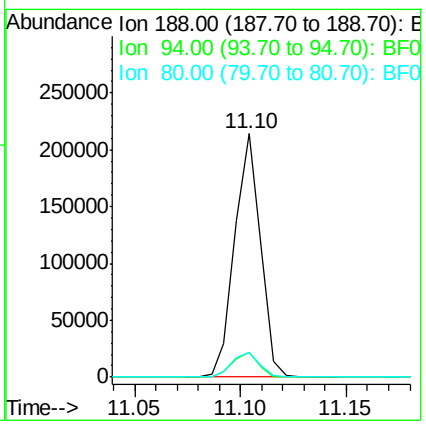


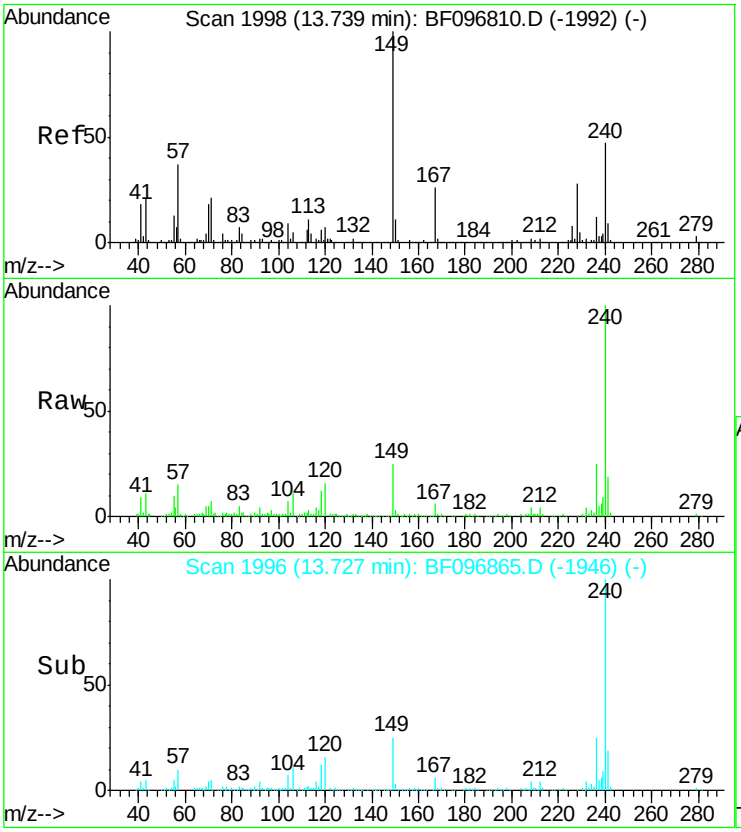


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:188 Resp: 179472

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.0	10.2	15.2#



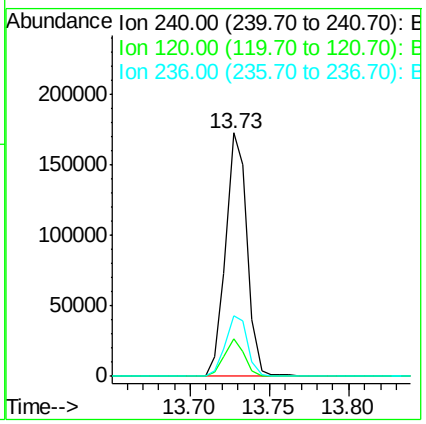


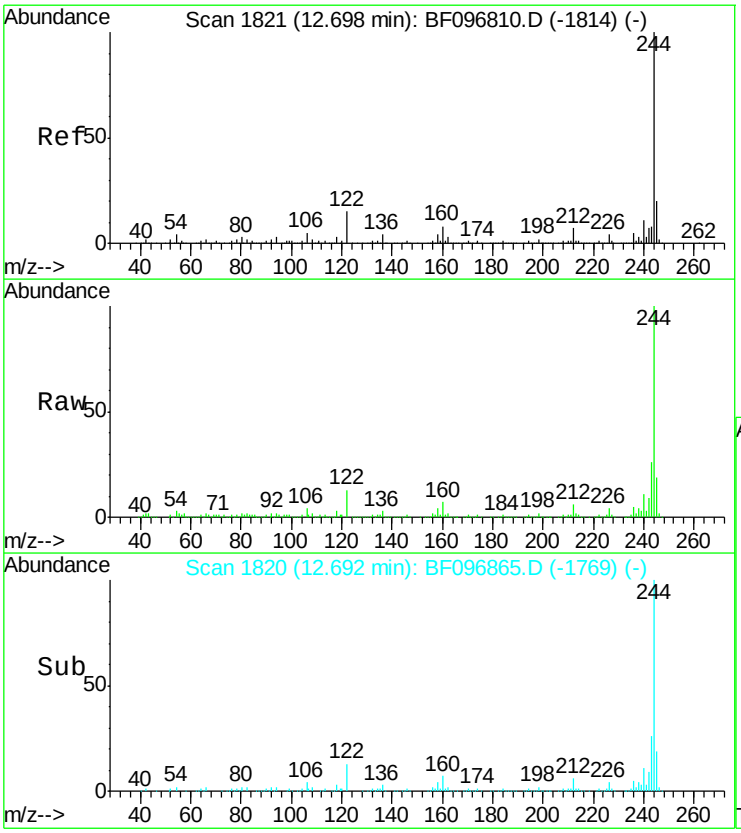
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:240 Resp: 161640

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	25.0	20.5	30.7

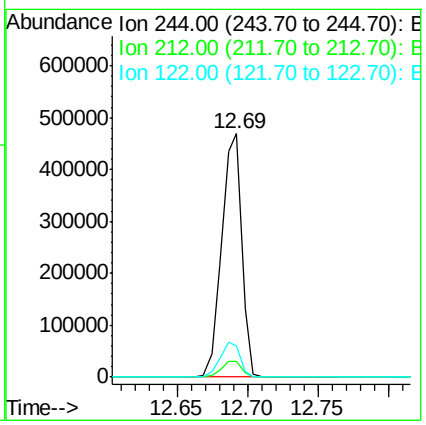


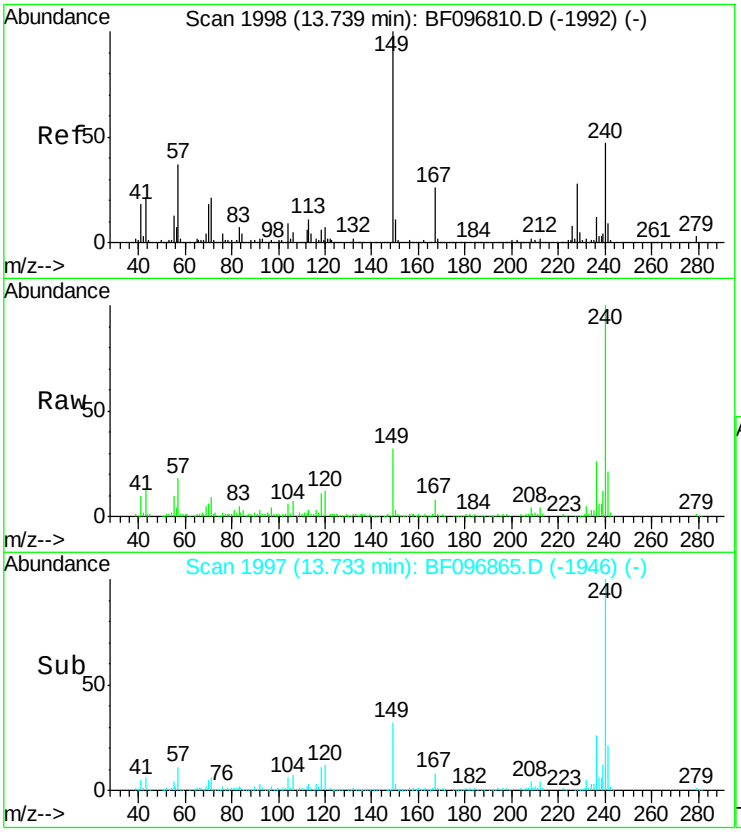


#78
Terphenyl-d14
Concen: 49.48 ng
RT: 12.69 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:244 Resp: 461196

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	12.8	10.3	15.5



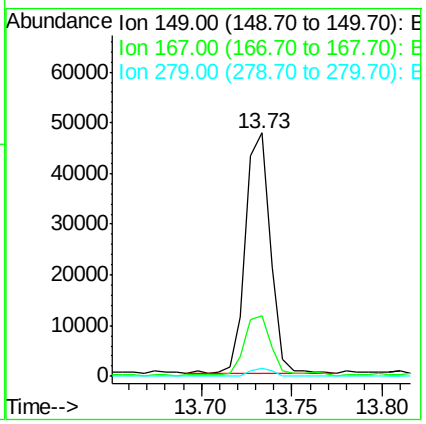


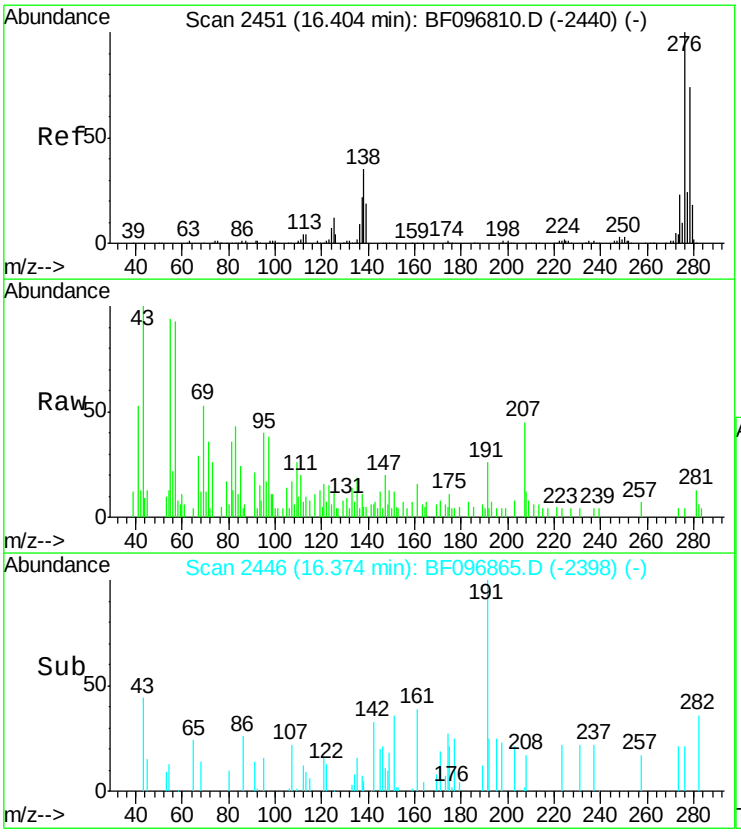
#83
Bis(2-ethylhexyl)phthalate
Concen: 5.30 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:149 Resp: 45017

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.0	31.4
279	3.1	1.9	2.9#

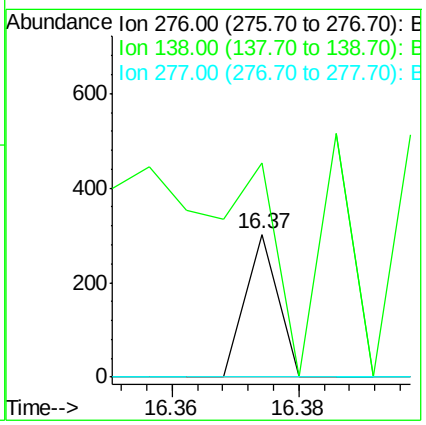


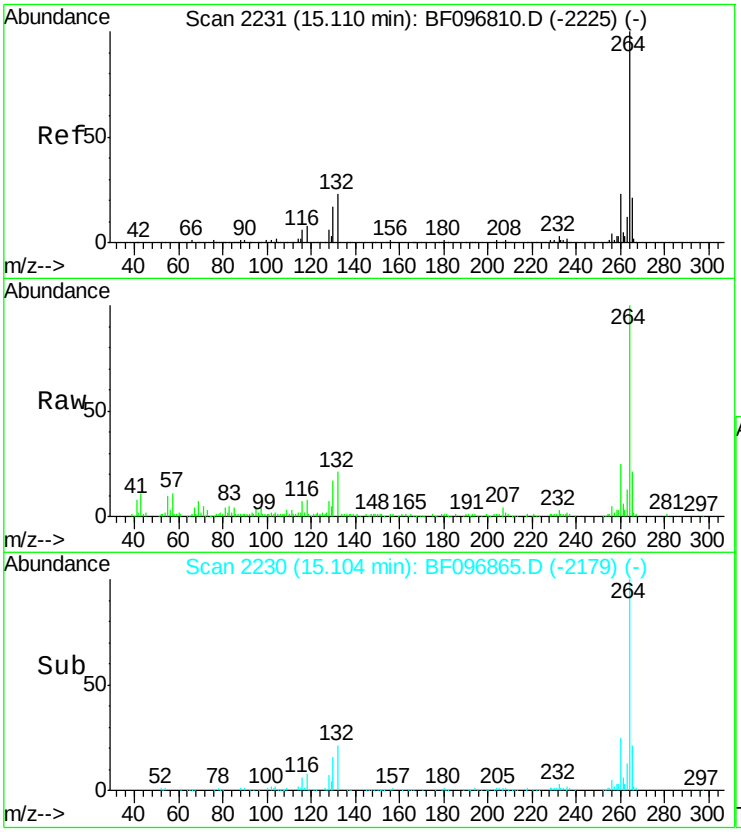


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.34 ng
RT: 16.37 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:276 Resp: 107

Ion	Ratio	Lower	Upper
276	100		
138	638.3	27.8	41.6#
277	0.0	20.2	30.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tgt Ion:264 Resp: 103407

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.2	17.2	25.8