Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086623.D
Acq On : 2 May 2016 17:55
Operator : UM/SJ
Sample : H2716-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-5-CS-2(6-12FTBGS)

Quant Time: May 03 01:17:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165960	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	711626	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	351584	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	678008	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	594154	20.00	ng	-0.07
86) Perylene-d12	15.29	264	466144	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1331231	138.36	ng	-0.02
7) Phenol-d6	6.40	99	1528067	113.79	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1136769	86.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	475660	128.29	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1766652	88.78	ng	-0.06
78) Terphenyl-d14	12.87	244	2209100	81.91	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.91	79	19762	2.33	ng	# 44
19) n-Nitroso-di-n-propylamine	7.32	70	155228	17.49	ng	# 75
25) Isophorone	7.32	82	892265	35.12	ng	# 68
31) Naphthalene	8.06	128	94148	2.60	ng	100
50) 2,6-Dinitrotoluene	9.79	165	44870	8.21	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	45346	6.51	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	29194	4.18	ng	# 1

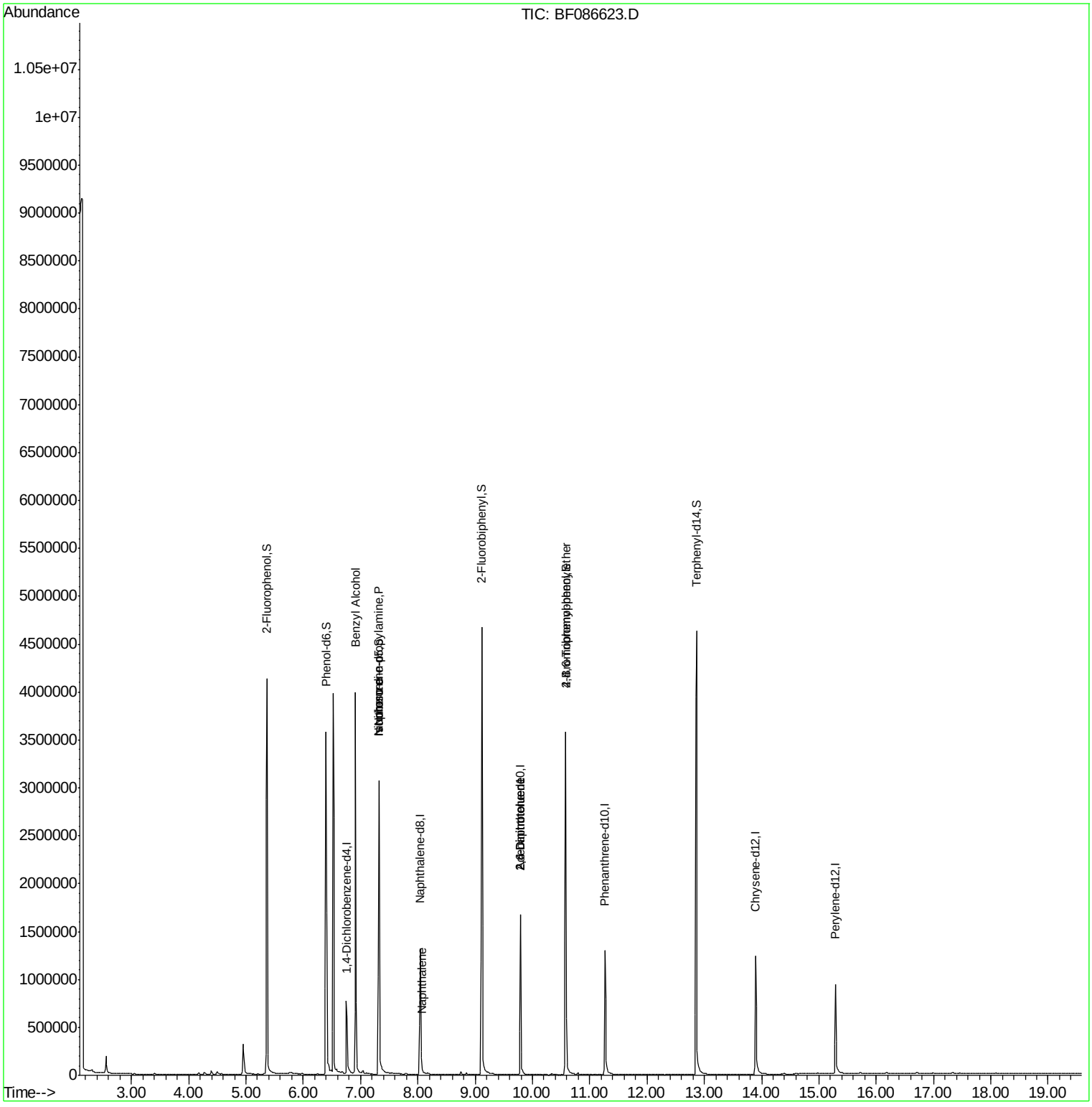
(#) = qualifier out of range (m) = manual integration (+) = signals summed

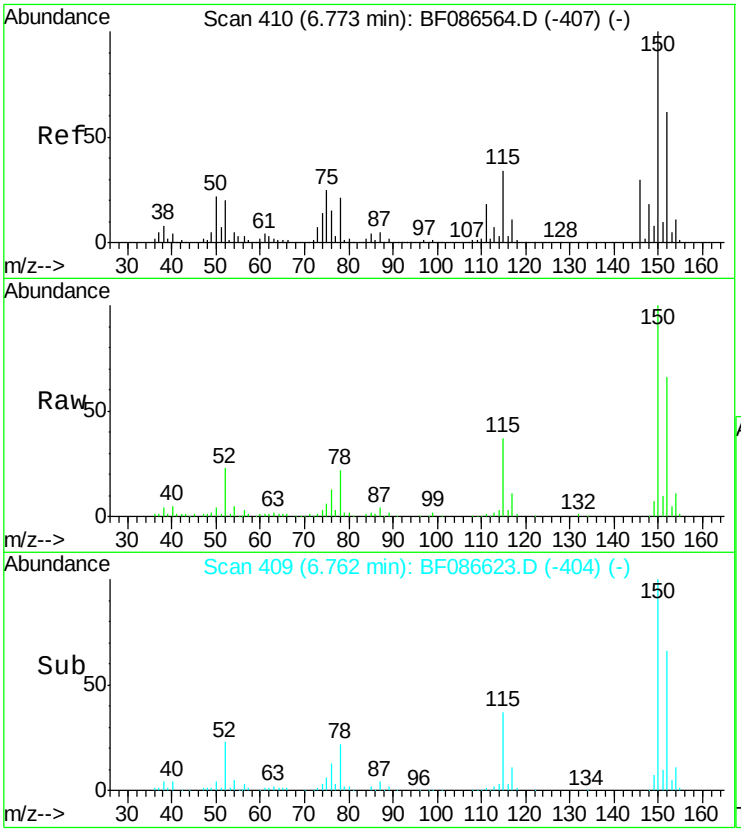
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
Data File : BF086623.D
Acq On : 2 May 2016 17:55
Operator : UM/SJ
Sample : H2716-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Quant Time: May 03 01:17:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration



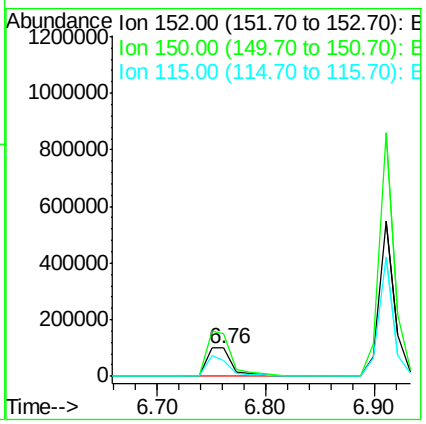


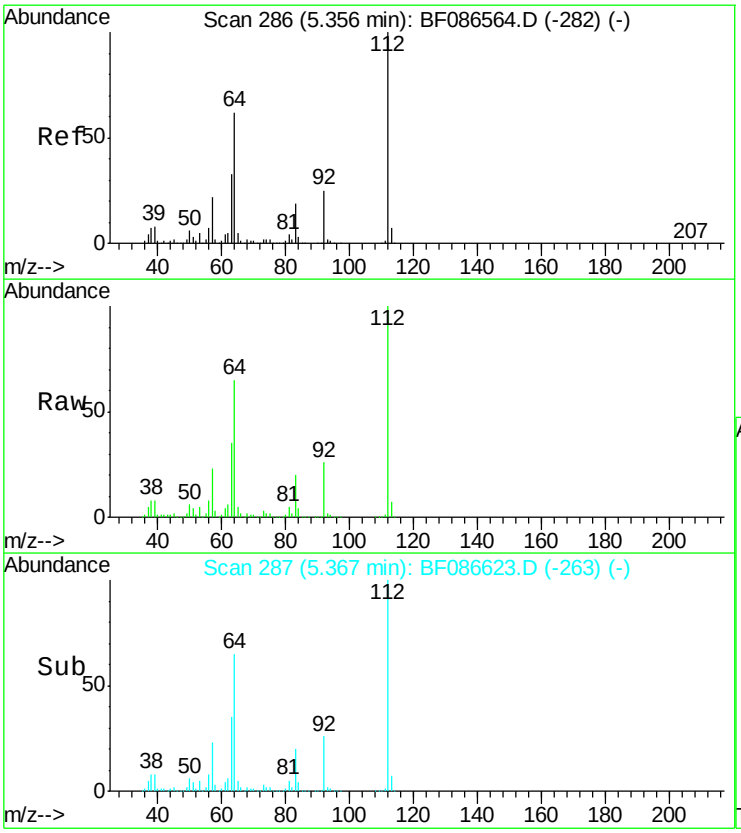
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:152 Resp: 165960

Ion	Ratio	Lower	Upper
152	100		
150	152.0	125.8	188.6
115	55.7	51.5	77.3

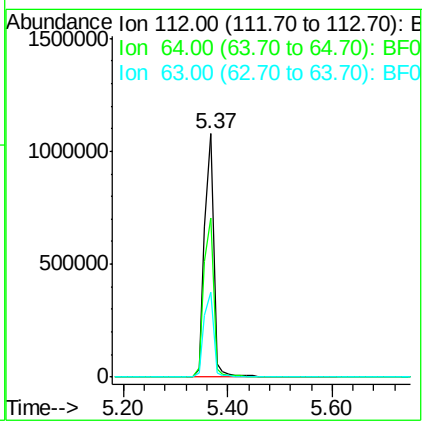


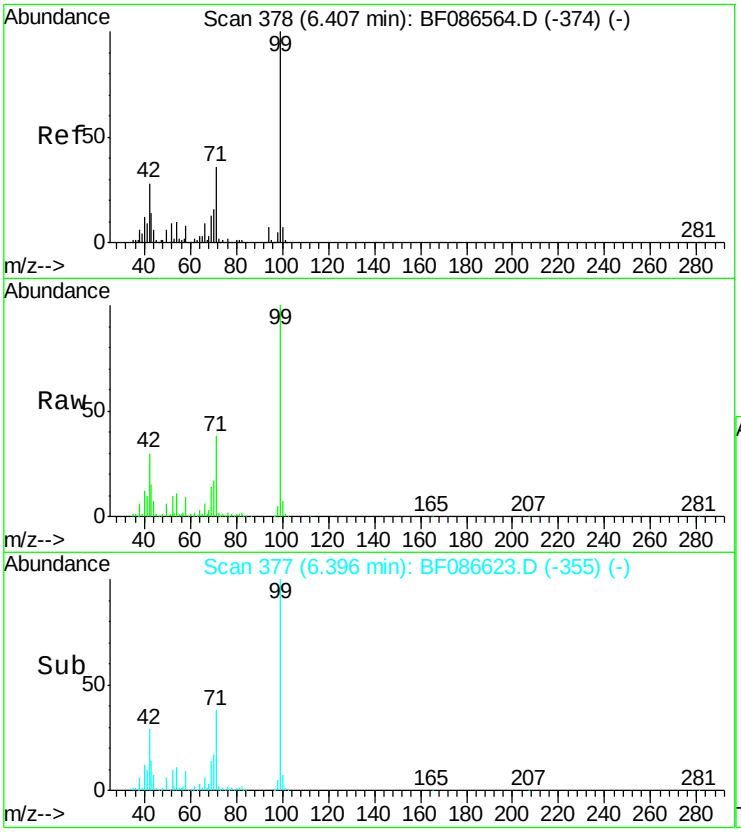


#5
2-Fluorophenol
Concen: 138.36 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:112 Resp: 1331231

Ion	Ratio	Lower	Upper
112	100		
64	65.4	52.1	78.1
63	35.1	25.7	38.5



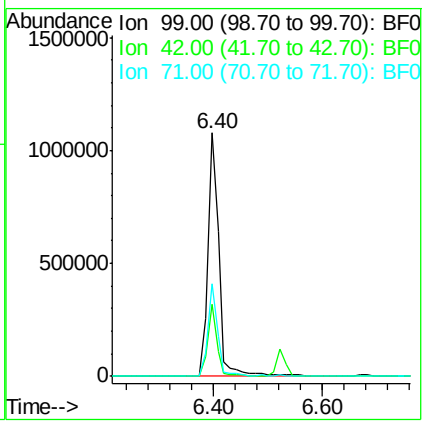


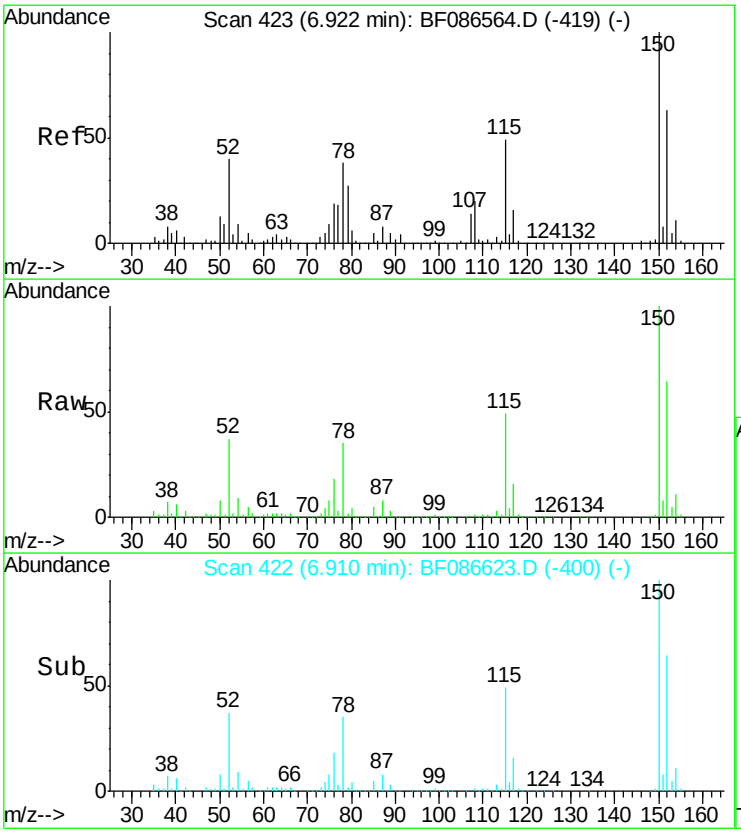
#7
Phenol-d6
Concen: 113.79 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 99 Resp: 1528067

Ion	Ratio	Lower	Upper
99	100		
42	29.5	13.6	20.4#
71	38.2	24.6	36.8#

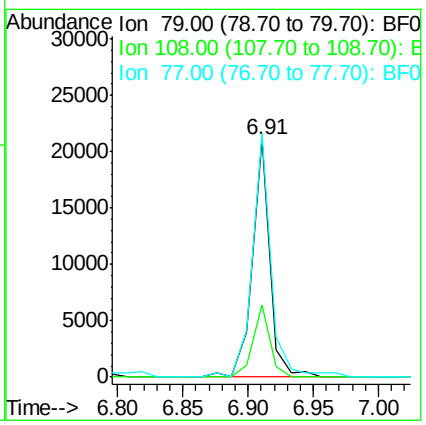


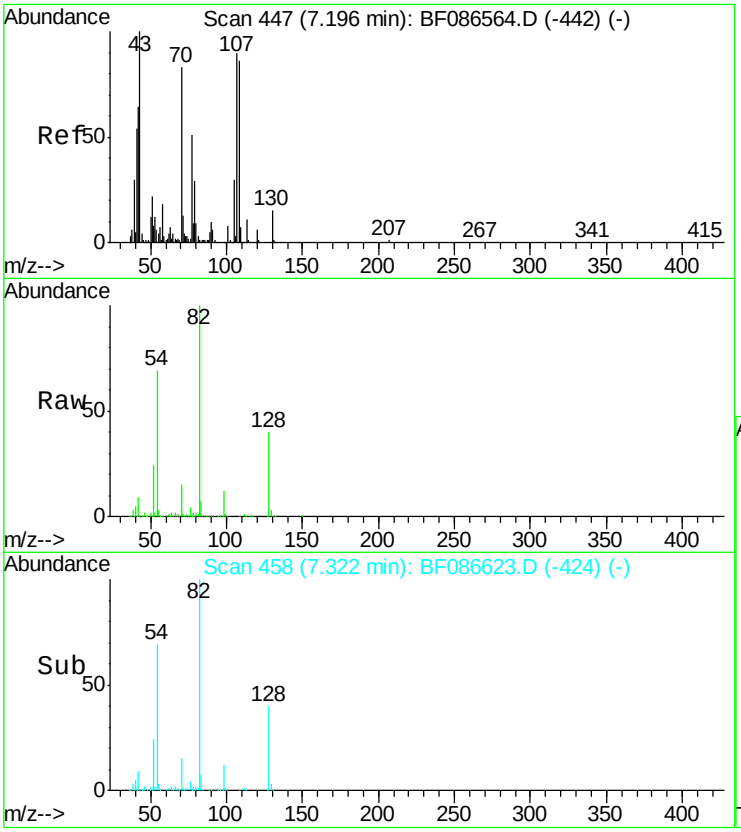


#15
Benzyl Alcohol
Concen: 2.33 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion: 79 Resp: 19762

Ion	Ratio	Lower	Upper
79	100		
108	30.2	68.4	102.6#
77	102.2	50.6	76.0#



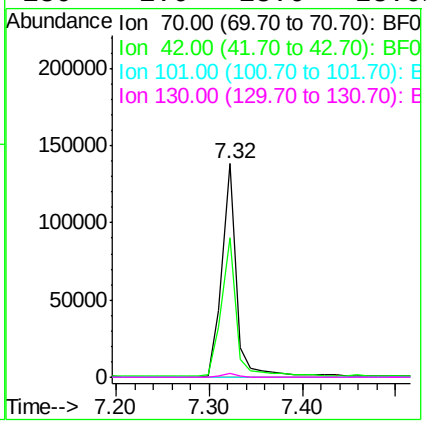


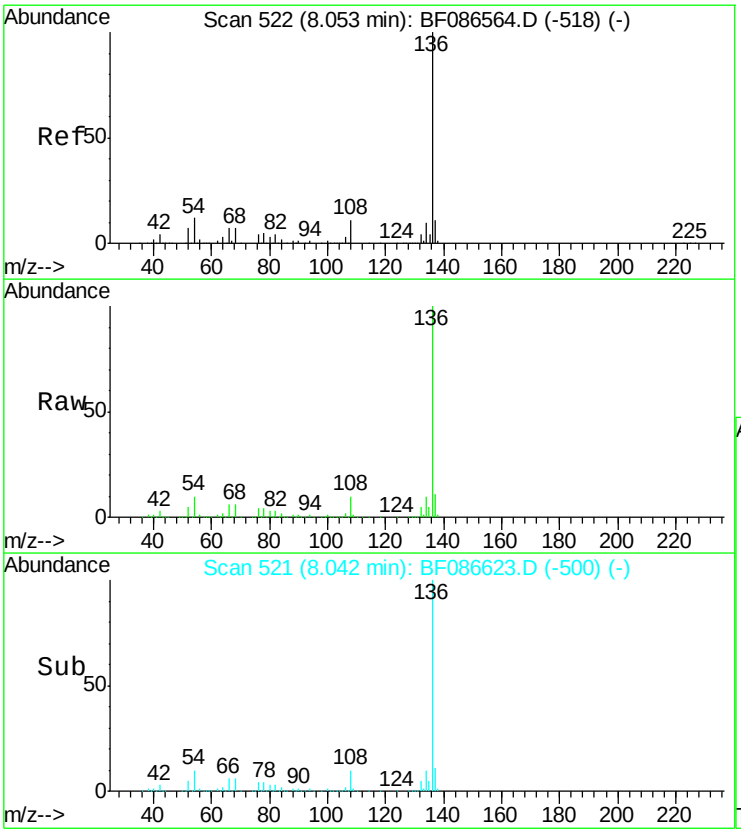
#19
n-Nitroso-di-n-propylamine
Concen: 17.49 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 70 Resp: 155228

Ion	Ratio	Lower	Upper
70	100		
42	65.3	43.1	64.7#
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

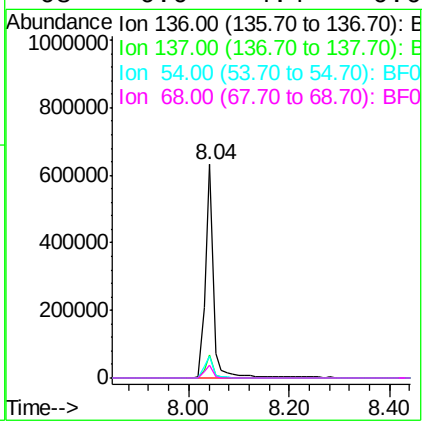


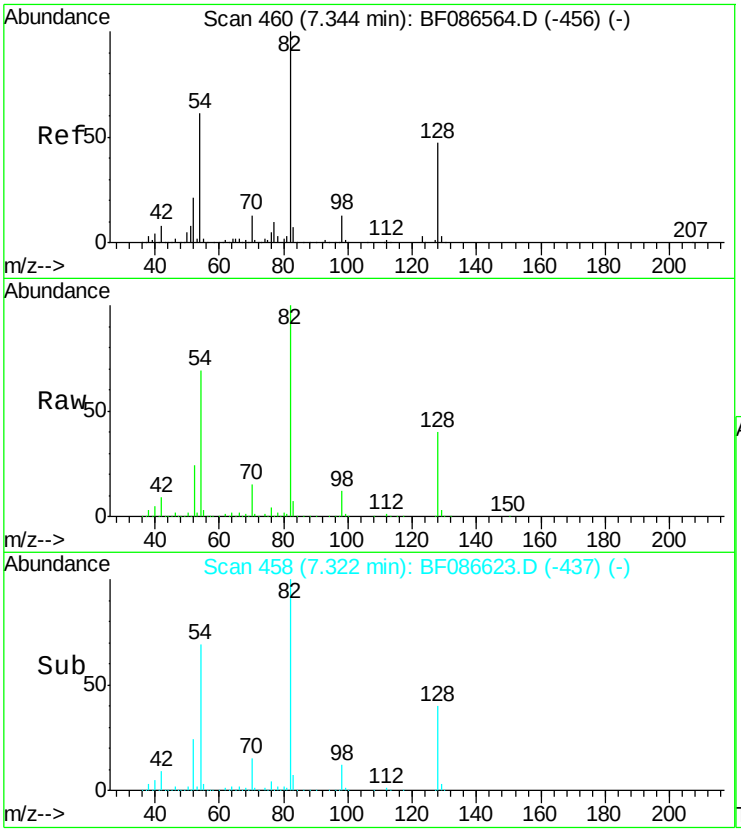


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:136 Resp: 711626

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.1	5.0	7.4#
68	6.0	4.4	6.6



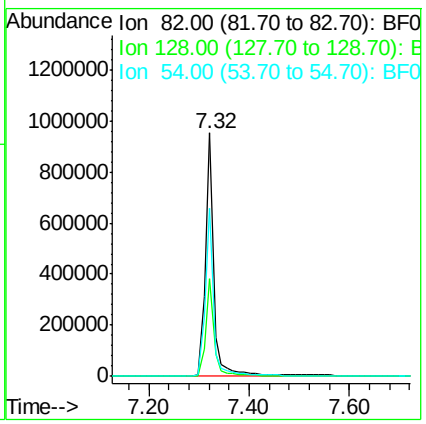


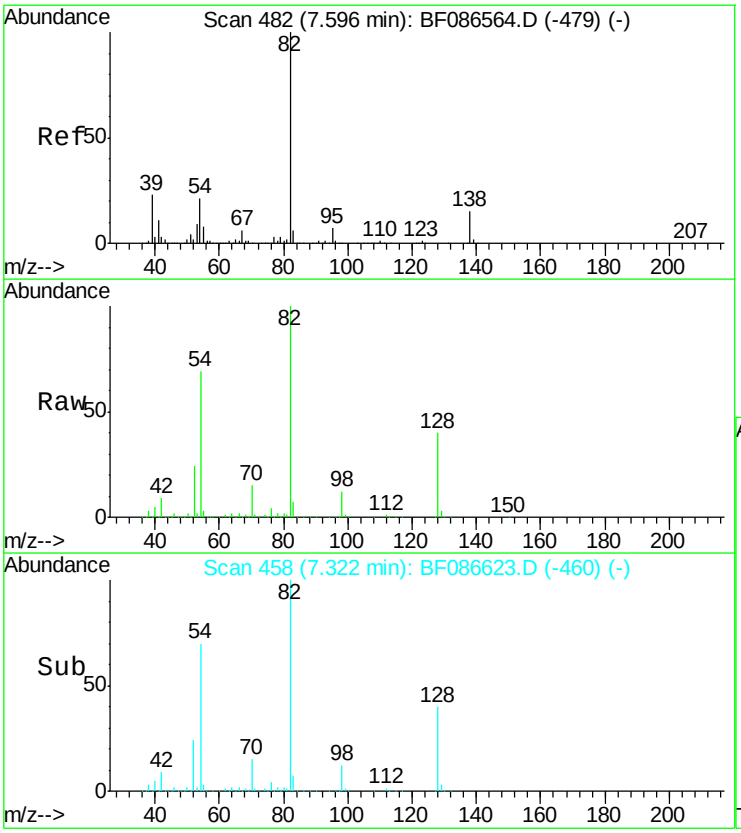
#23
Nitrobenzene-d5
Concen: 86.10 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion: 82 Resp: 1136769

Ion	Ratio	Lower	Upper
82	100		
128	40.0	40.6	61.0#
54	69.3	38.1	57.1#

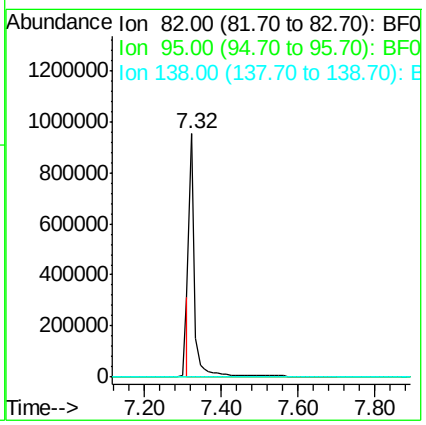


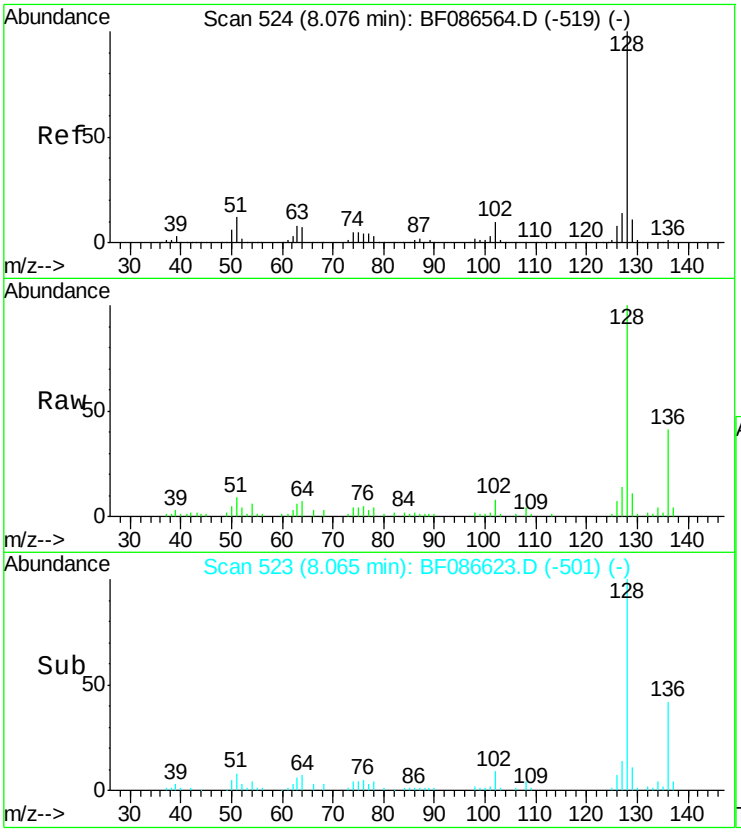


#25
Isophorone
Concen: 35.12 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion: 82 Resp: 892265

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



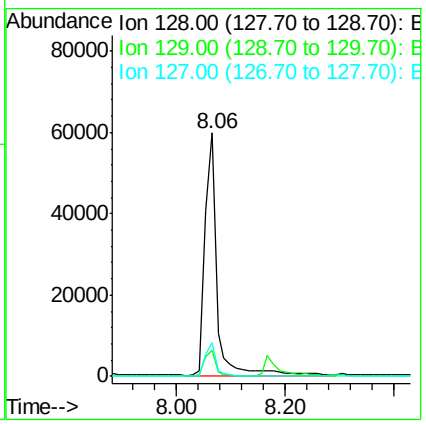


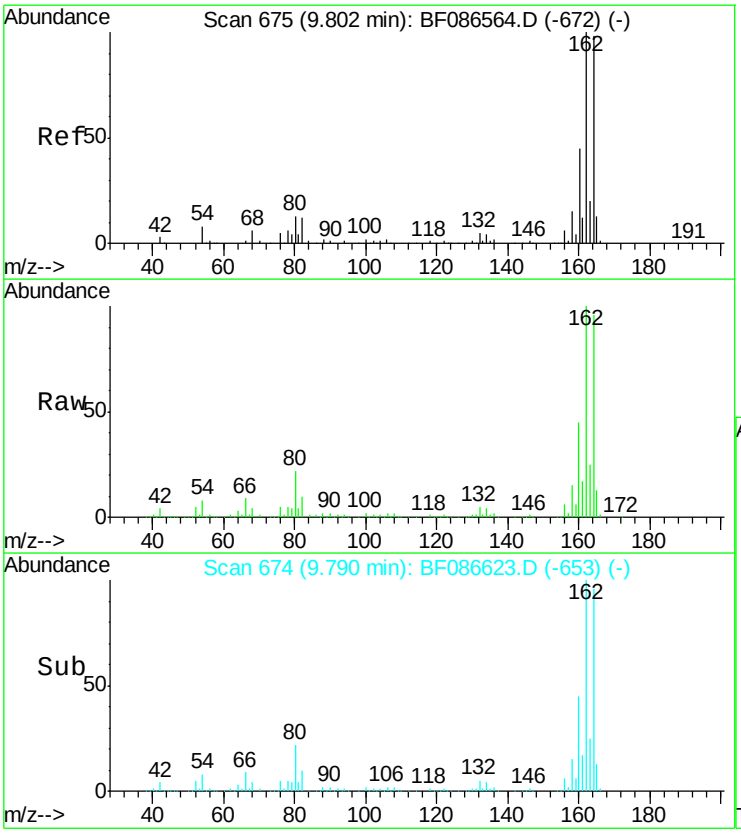
#31
Naphthalene
Concen: 2.60 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:128 Resp: 94148

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.6	10.8	16.2

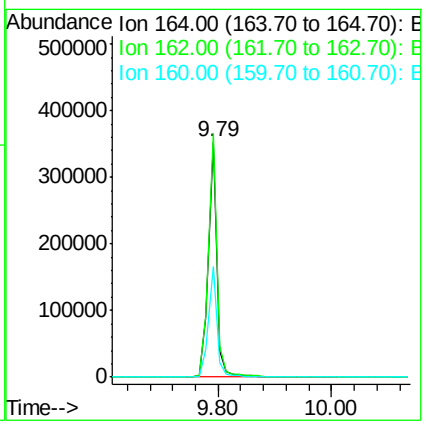


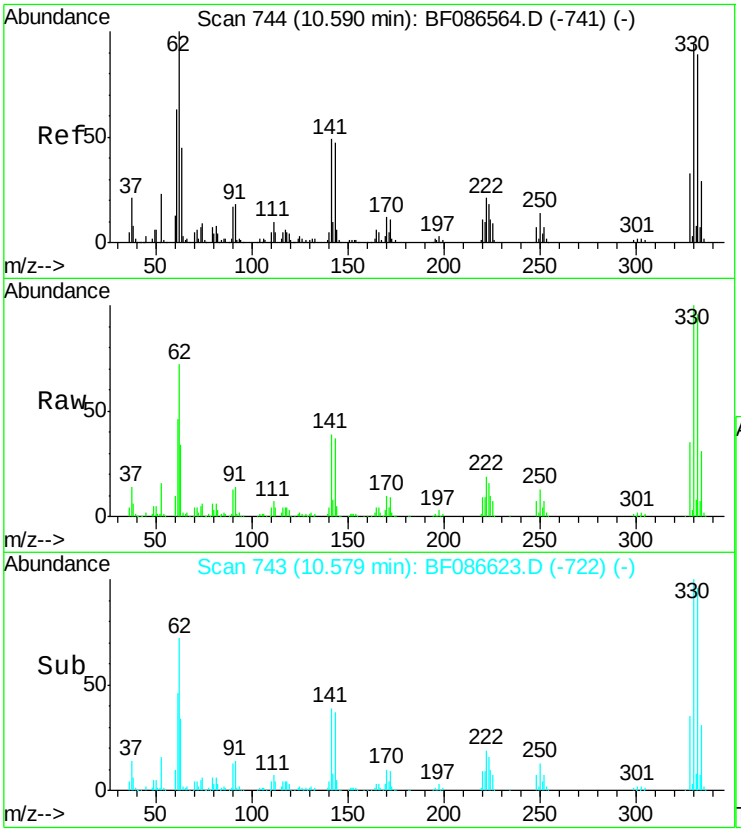


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:164 Resp: 351584

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.8	124.2
160	47.0	36.9	55.3



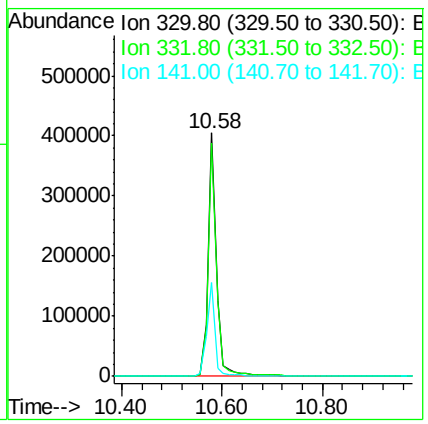


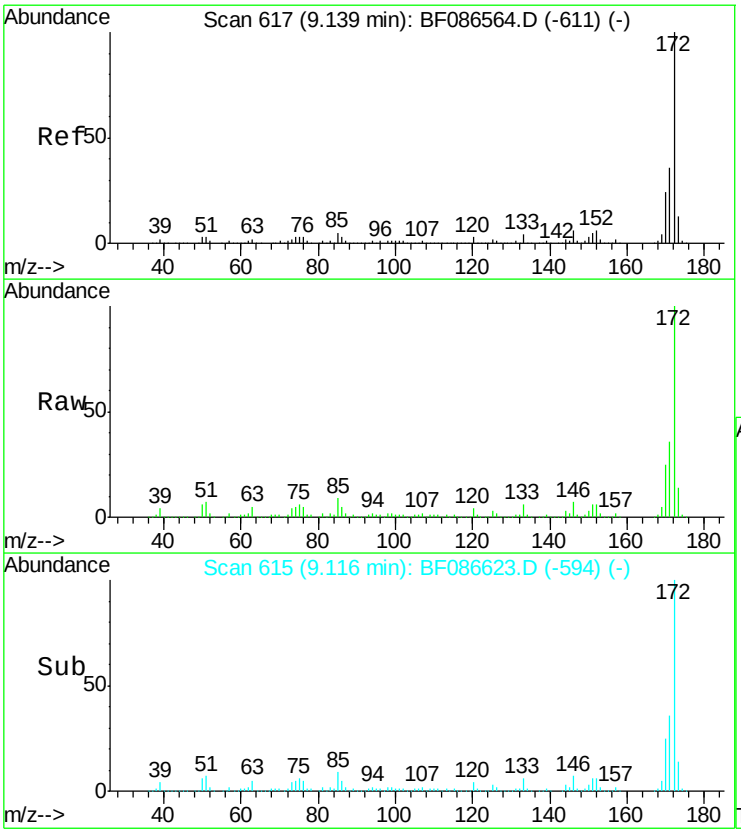
#41
2,4,6-Tribromophenol
Concen: 128.29 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:330 Resp: 475660

Ion	Ratio	Lower	Upper
330	100		
332	95.4	79.0	118.4
141	38.0	31.2	46.8

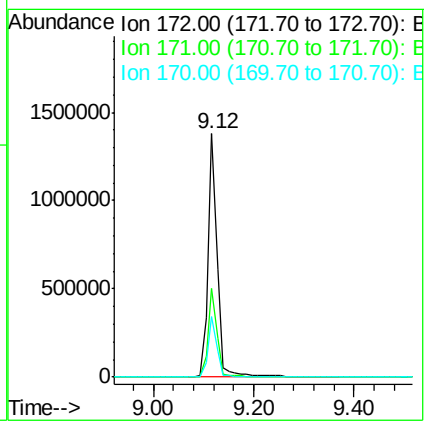


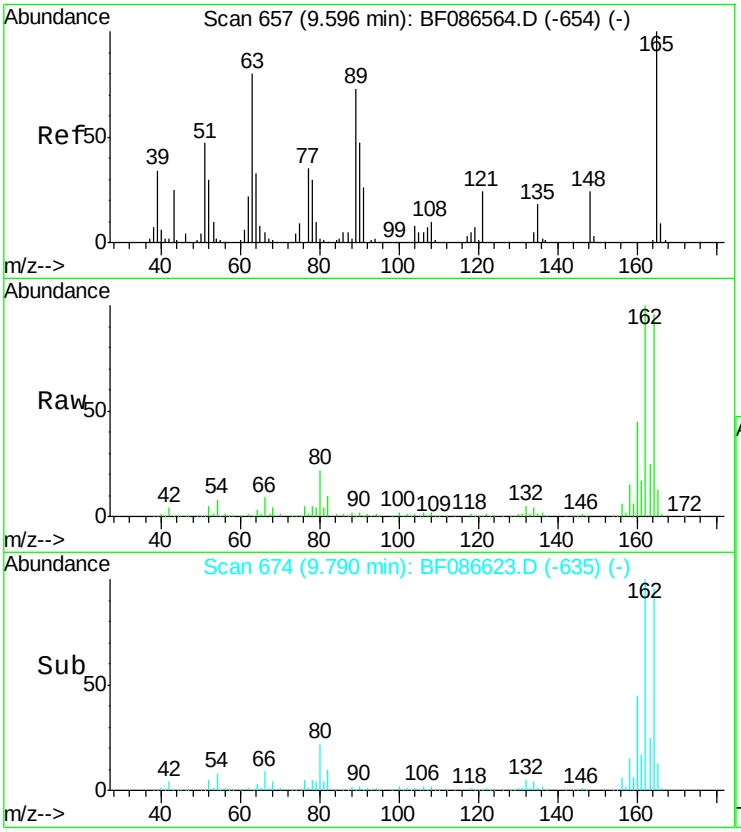


#44
2-Fluorobiphenyl
Concen: 88.78 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:172 Resp: 1766652

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.8	19.8	29.8



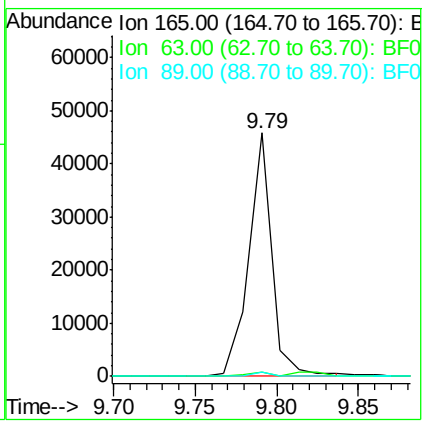


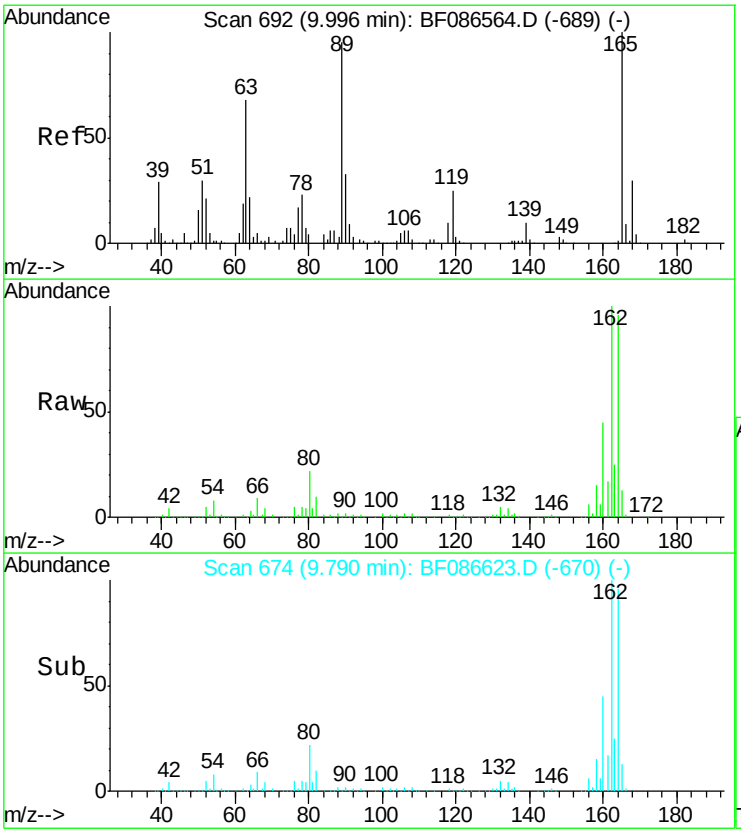
#50
2,6-Dinitrotoluene
Concen: 8.21 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:165 Resp: 44870

Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	1.9	50.7	76.1#

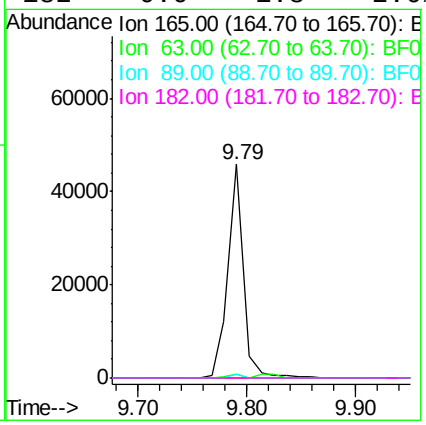


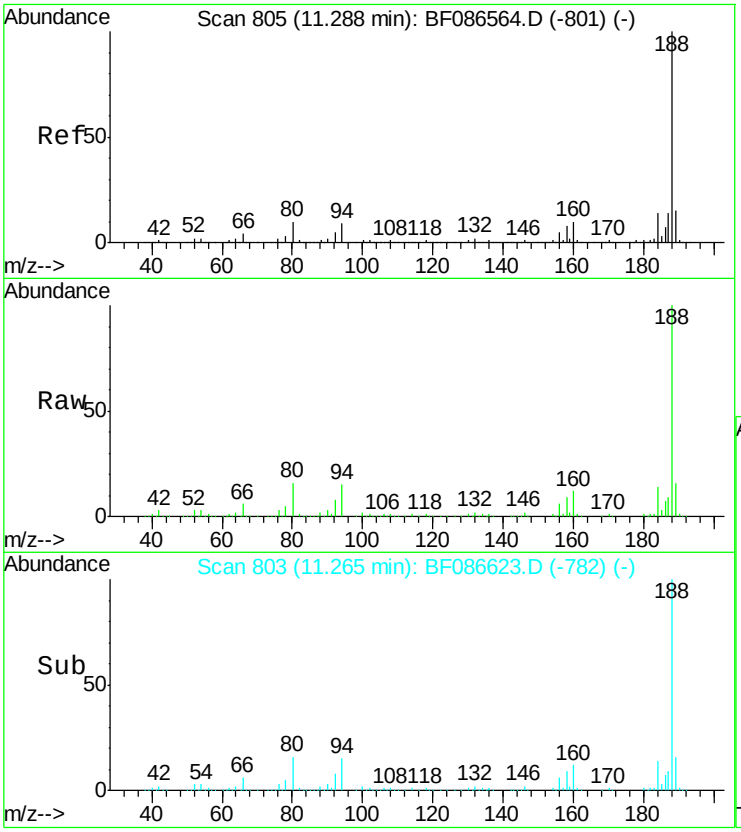


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:165 Resp: 45346

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	1.9	70.0	105.0#
182	0.0	1.8	2.6#



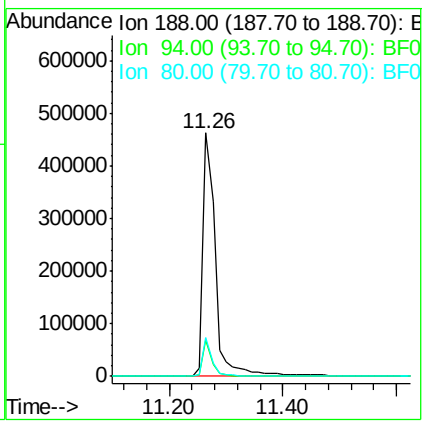


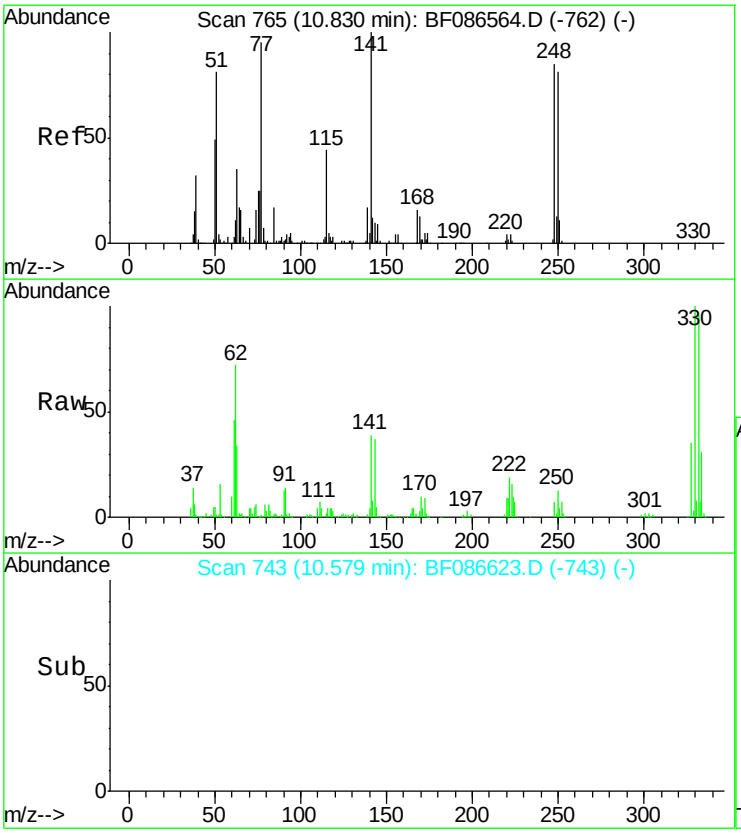
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:188 Resp: 678008

Ion	Ratio	Lower	Upper
188	100		
94	14.7	6.8	10.2#
80	15.7	7.1	10.7#

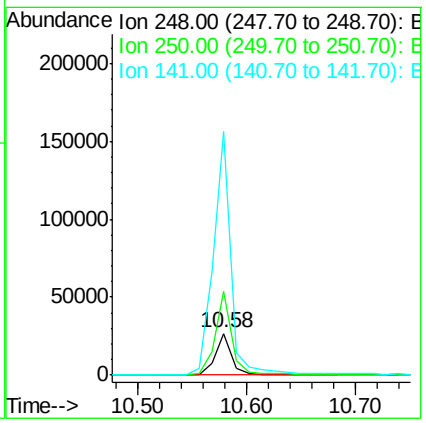


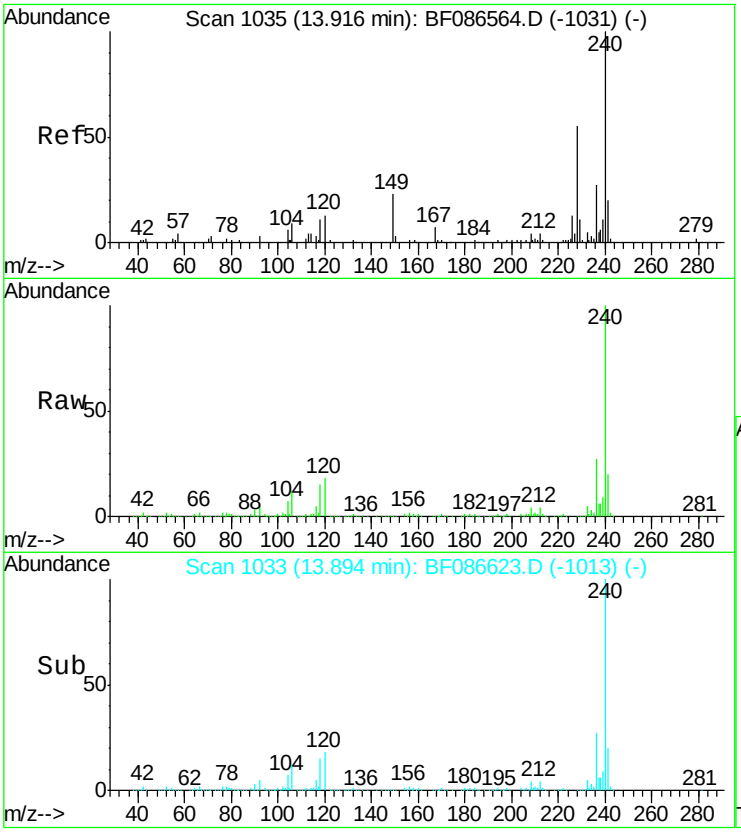


#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:248 Resp: 29194

Ion	Ratio	Lower	Upper
248	100		
250	198.2	78.6	117.8#
141	580.2	76.0	114.0#



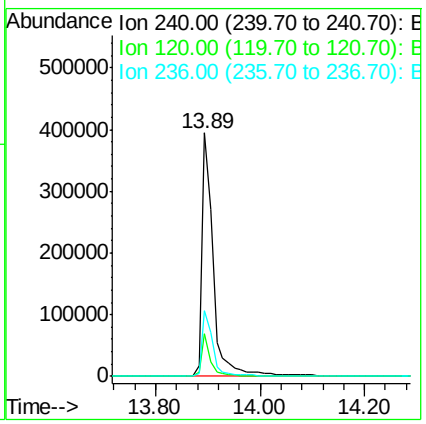


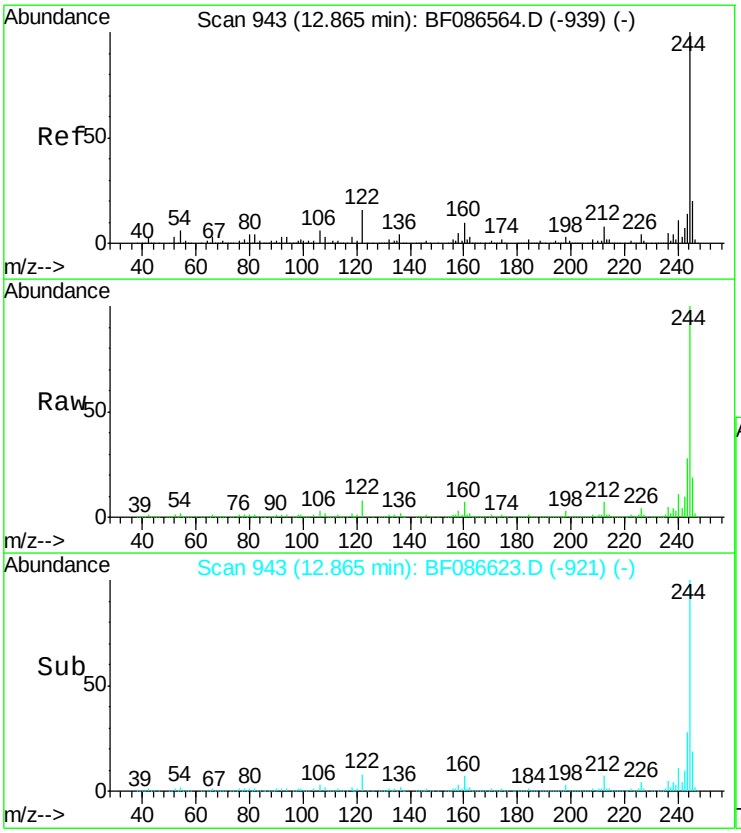
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:240 Resp: 594154

Ion	Ratio	Lower	Upper
240	100		
120	17.6	11.2	16.8#
236	26.7	21.2	31.8

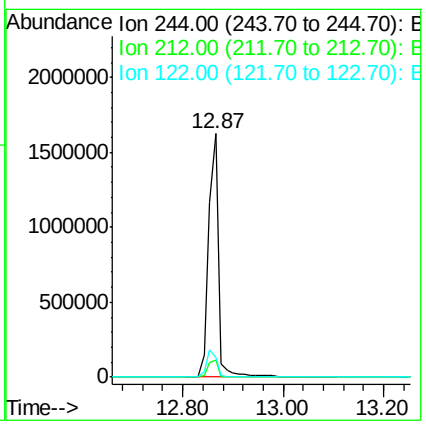


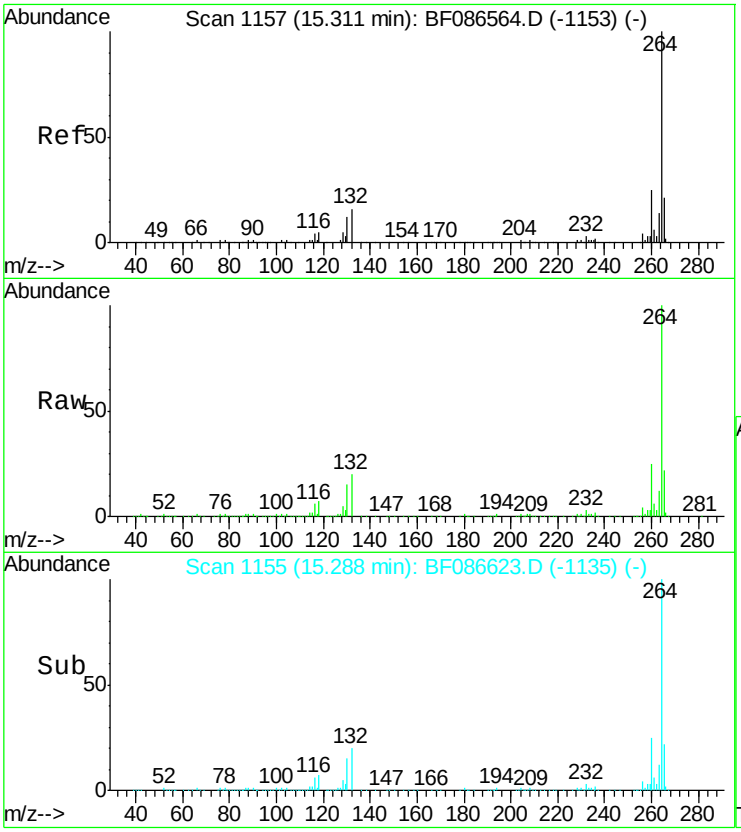


#78
Terphenyl-d14
Concen: 81.91 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.05 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Tgt Ion:244 Resp: 2209100

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.1	12.0	18.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086623.D
Acq: 2 May 2016 17:55

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-2(6-12FTBGS)

Tgt Ion:264 Resp: 466144

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.7	17.3	25.9