Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086661.D
Acq On : 4 May 2016 00:26
Operator : UM/SJ
Sample : H2716-06RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 26WARD-3-CS-6(12-25FTBGS)

Quant Time: May 04 02:34:37 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	6.75	152	171786	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	689174	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	292377	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	434515	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	337340	20.00	ng	-0.07
86) Perylene-d12	15.29	264	249893	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1321300	132.67	ng	-0.03
7) Phenol-d6	6.40	99	1497918	107.76	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1229368	96.15	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	346048	112.23	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1621462	100.89	ng	-0.06
78) Terphenyl-d14	12.85	244	1188449	77.62	ng	-0.06
Target Compounds						Qvalue
15) Benzyl Alcohol	6.91	79	21627	2.46	ng	# 38
19) n-Nitroso-di-n-propylamine	7.32	70	171404	18.66	ng	# 76
25) Isophorone	7.32	82	868209	35.28	ng	# 68
31) Naphthalene	8.05	128	146557	4.18	ng	99
32) Benzoic acid	8.05	122	238	8.81	ng	# 1
50) 2,6-Dinitrotoluene	9.79	165	35929	7.90	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	35931	6.20	ng	# 16
66) 4-Bromophenyl-phenylether	10.58	248	21287	4.75	ng	# 1

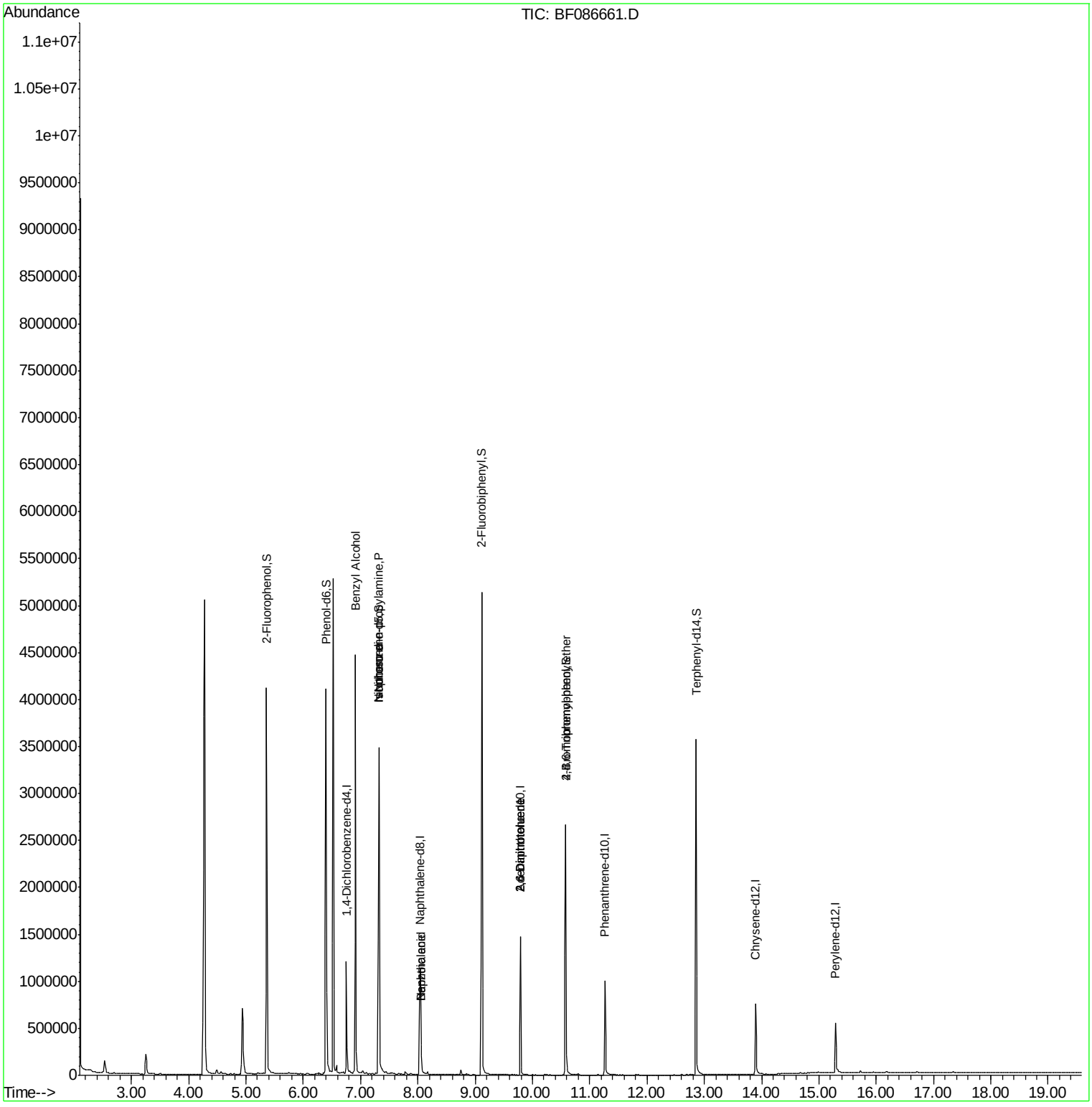
(#) = qualifier out of range (m) = manual integration (+) = signals summed

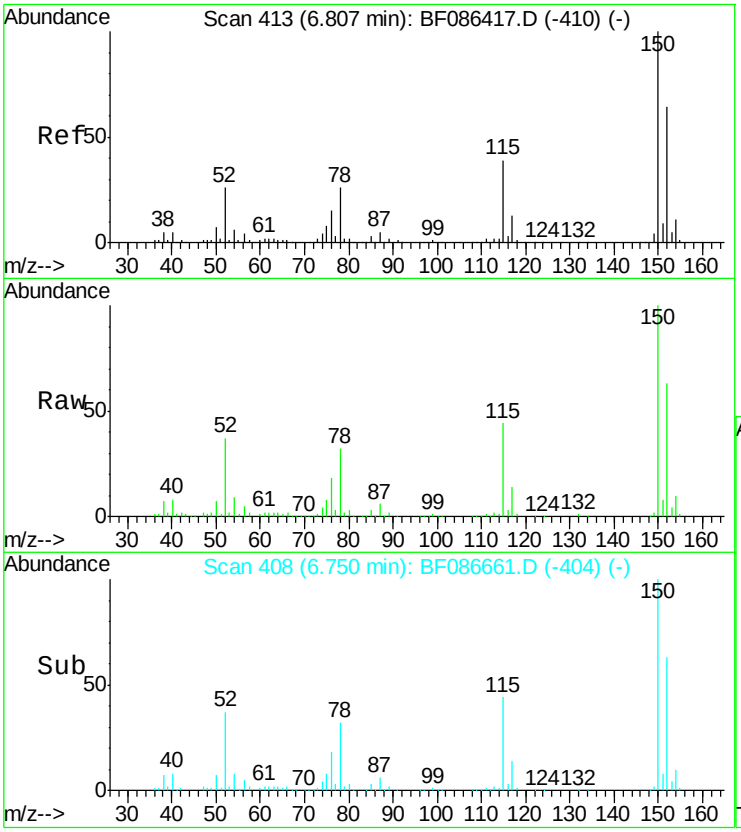
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
Data File : BF086661.D
Acq On : 4 May 2016 00:26
Operator : UM/SJ
Sample : H2716-06RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Quant Time: May 04 02:34:37 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



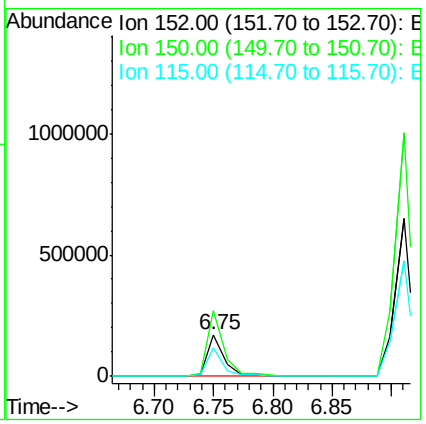


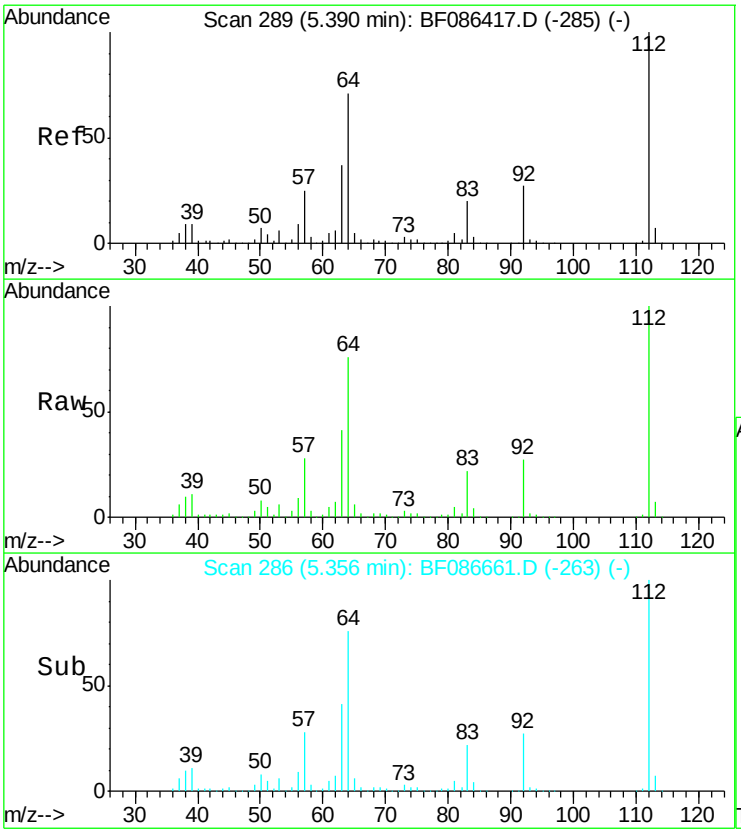
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:152 Resp: 171786

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.8	188.6
115	69.3	51.5	77.3

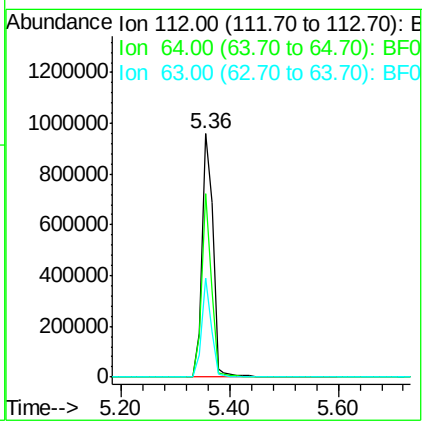


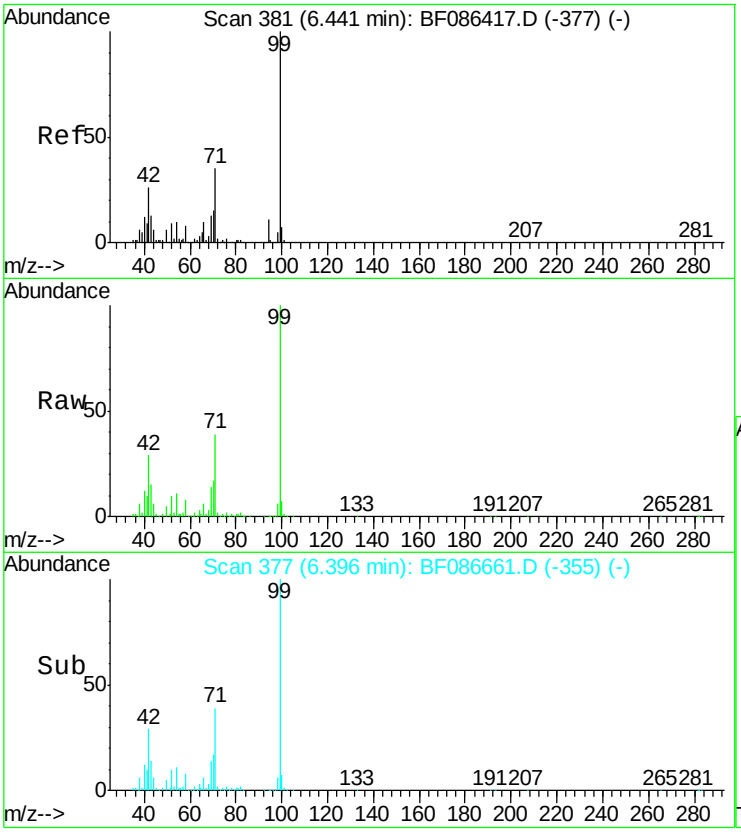


#5
2-Fluorophenol
Concen: 132.67 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:112 Resp: 1321300

Ion	Ratio	Lower	Upper
112	100		
64	75.6	52.1	78.1
63	40.7	25.7	38.5#



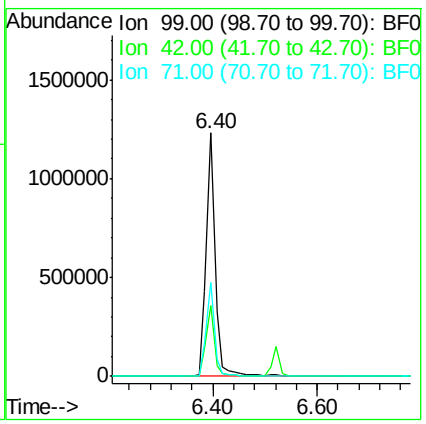


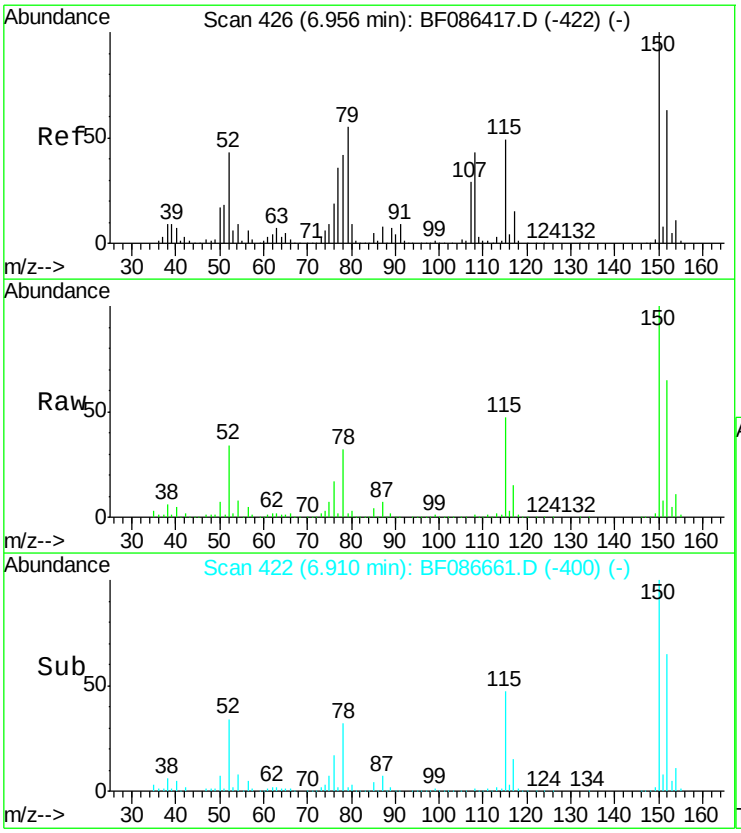
#7
Phenol-d6
Concen: 107.76 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion: 99 Resp: 1497918

Ion	Ratio	Lower	Upper
99	100		
42	29.3	13.6	20.4#
71	38.6	24.6	36.8#

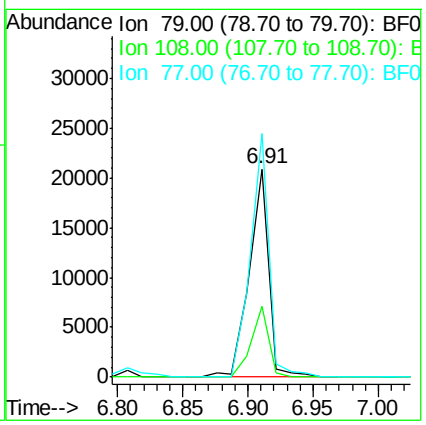


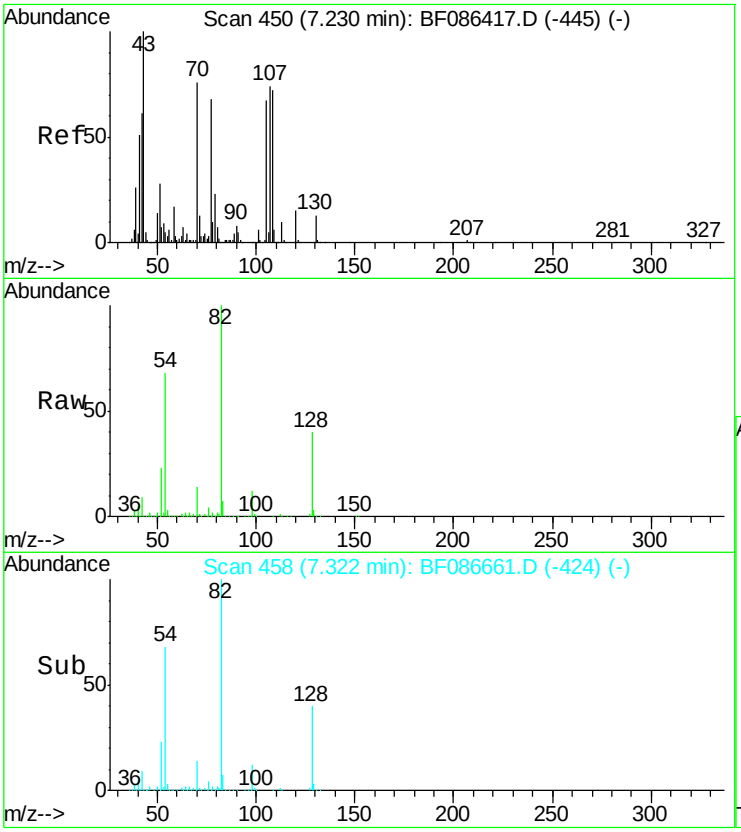


#15
Benzyl Alcohol
Concen: 2.46 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion: 79 Resp: 21627

Ion	Ratio	Lower	Upper
79	100		
108	34.2	68.4	102.6#
77	117.0	50.6	76.0#



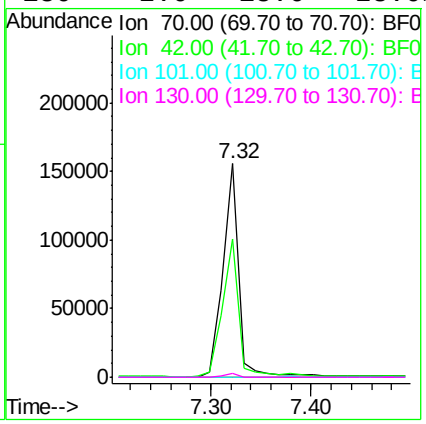


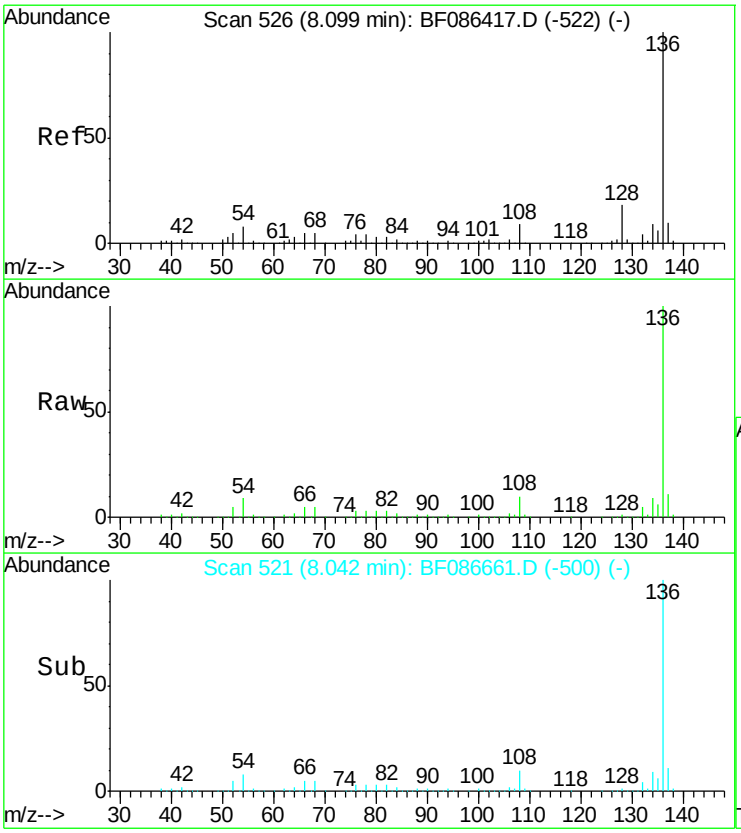
#19
n-Nitroso-di-n-propylamine
Concen: 18.66 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.09 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion: 70 Resp: 171404

Ion	Ratio	Lower	Upper
70	100		
42	64.6	43.1	64.7
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#

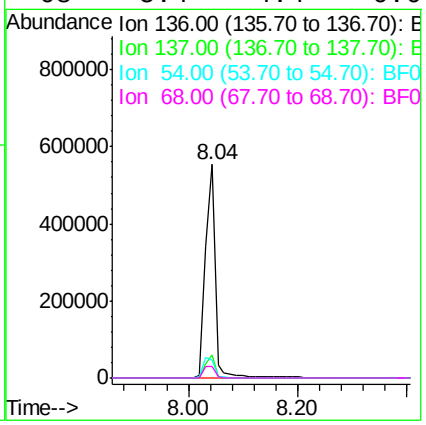


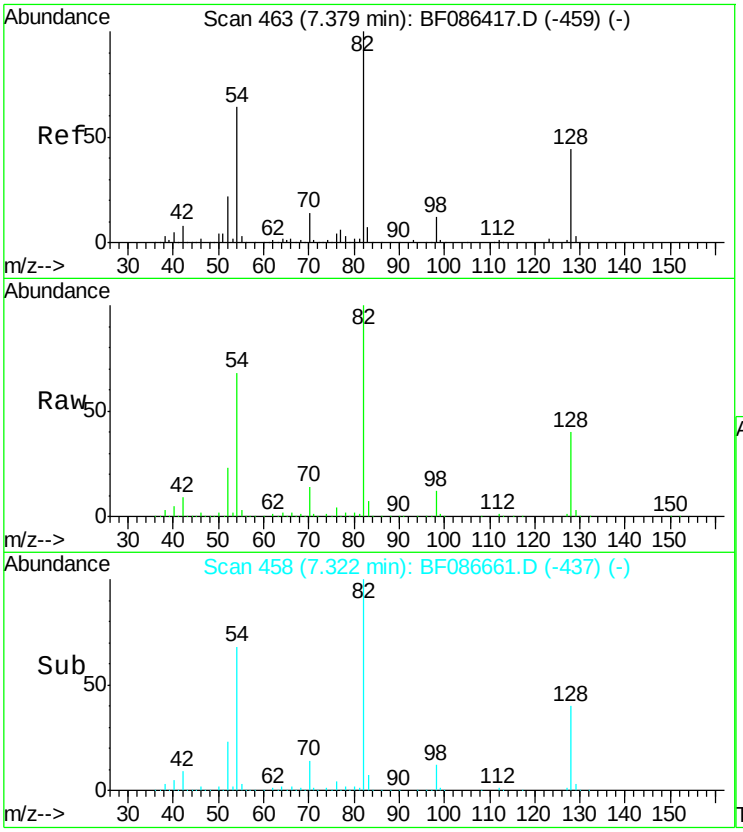


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:136 Resp: 689174

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.6	5.0	7.4#
68	5.4	4.4	6.6



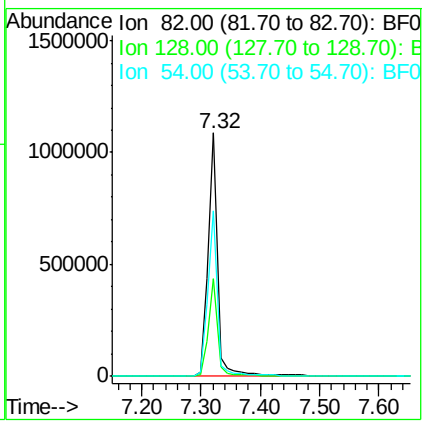


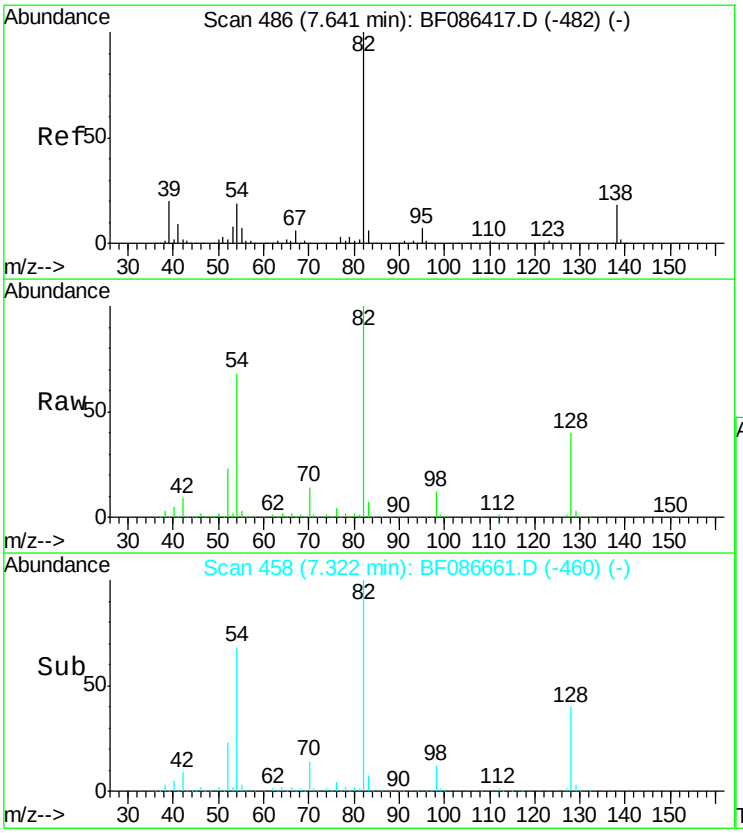
#23
Nitrobenzene-d5
Concen: 96.15 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion: 82 Resp: 1229368

Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	67.8	38.1	57.1#

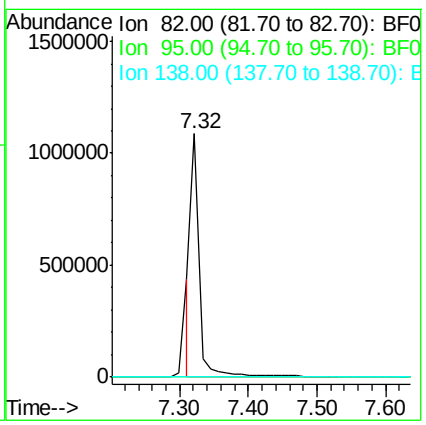


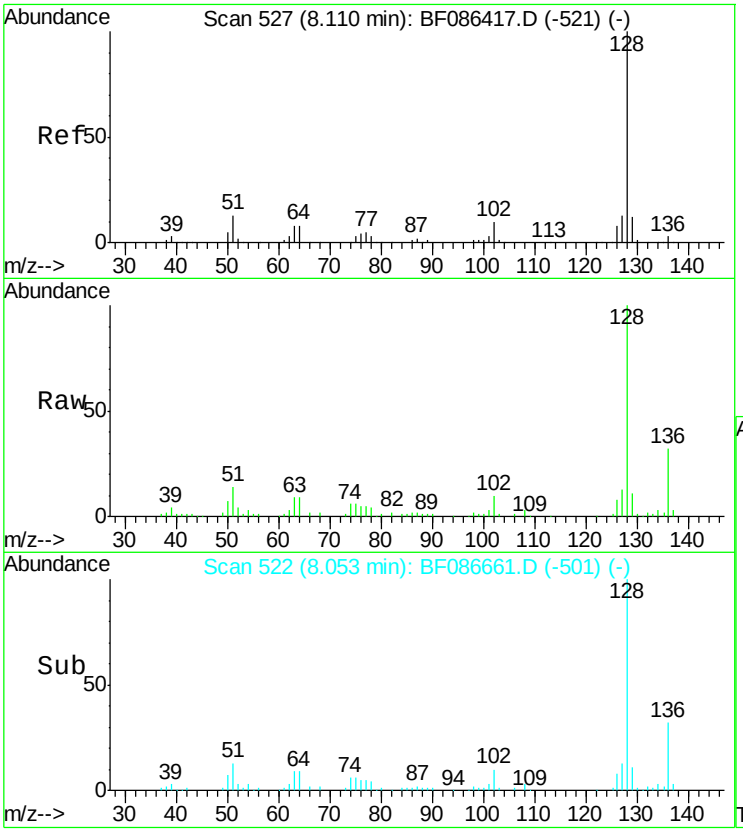


#25
Isophorone
Concen: 35.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.32 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion: 82 Resp: 868209

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



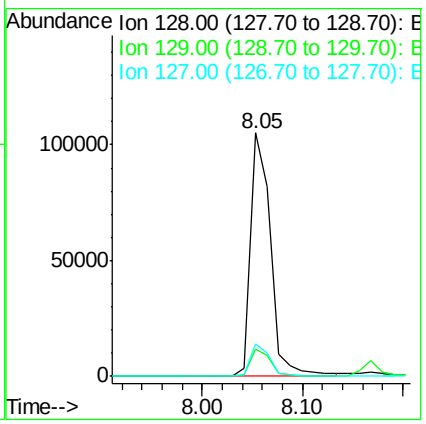


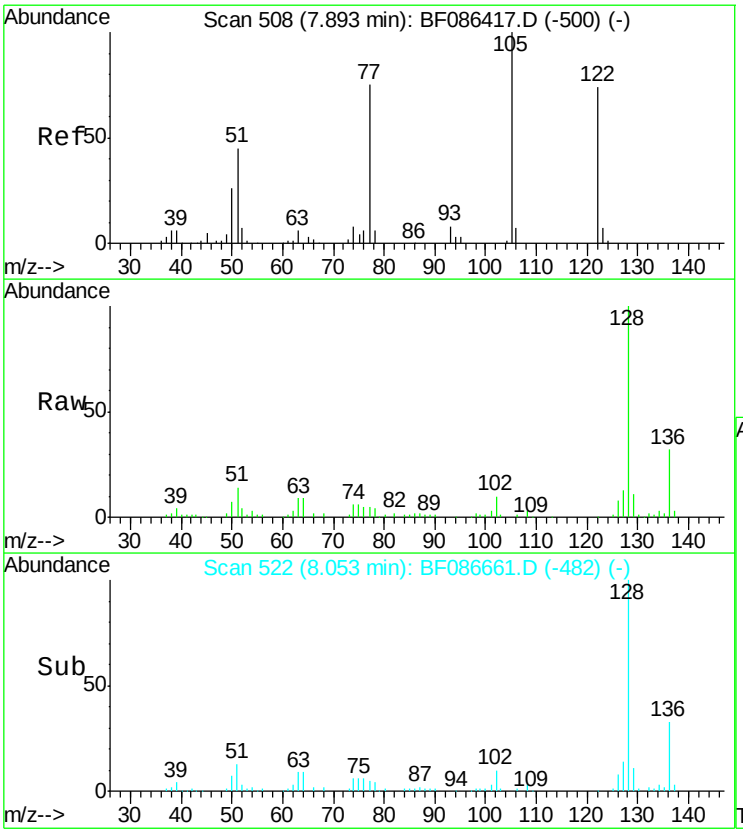
#31
Naphthalene
Concen: 4.18 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:128 Resp: 146557

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.4	10.8	16.2

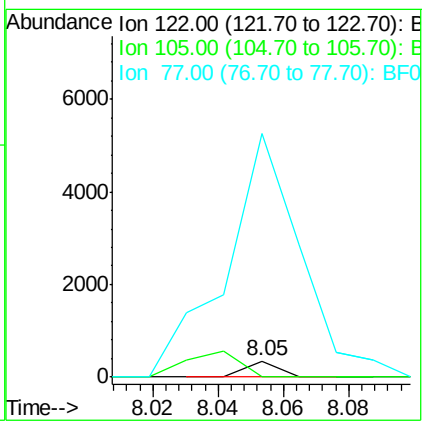


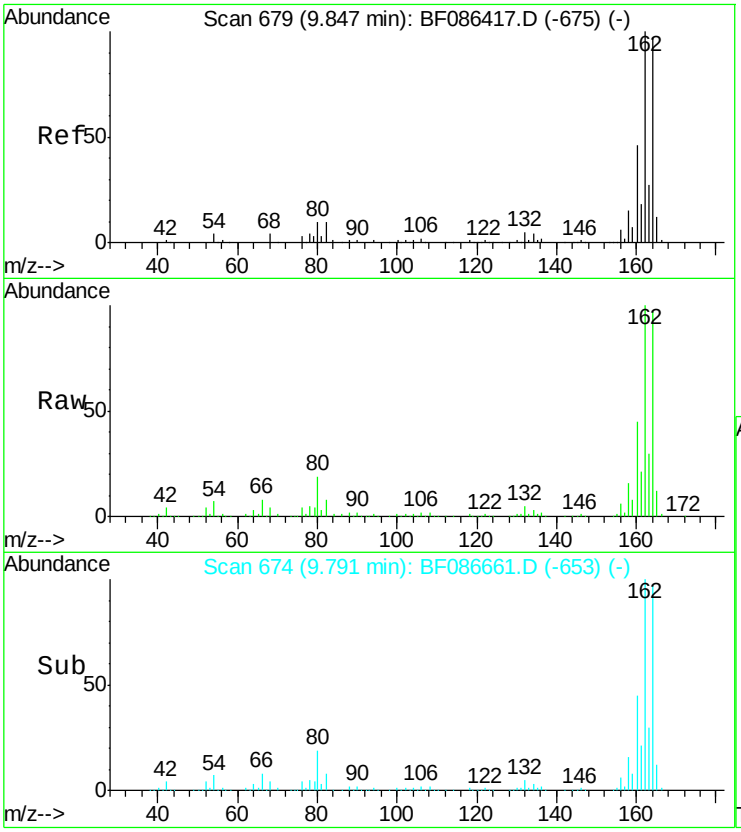


#32
Benzoic acid
Concen: 8.81 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.16 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:122 Resp: 238

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	1515.3	60.0	100.0#



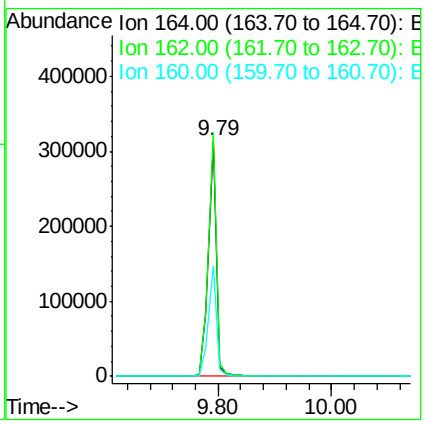


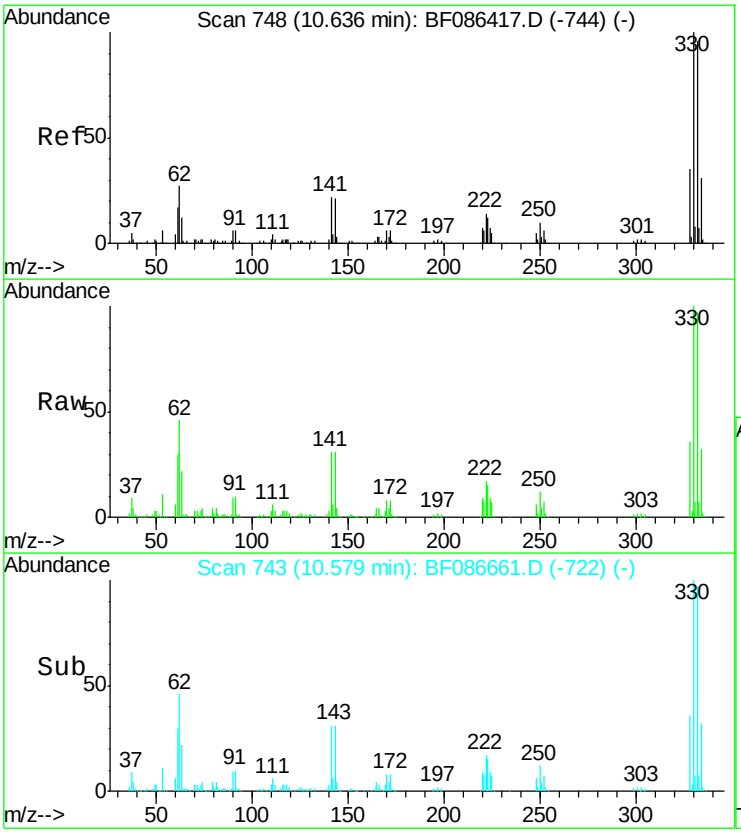
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:164 Resp: 292377

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	46.8	36.9	55.3

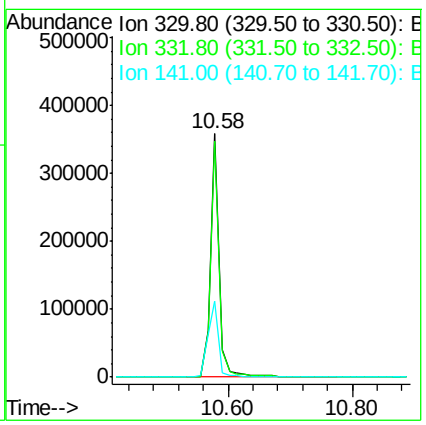


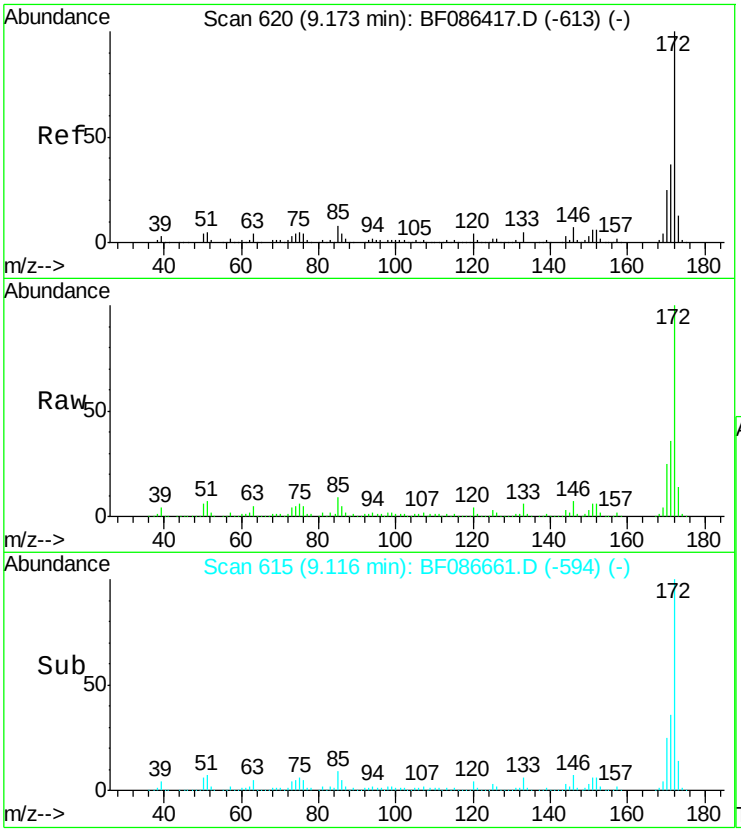


#41
2,4,6-Tribromophenol
Concen: 112.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:330 Resp: 346048

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	39.0	31.2	46.8



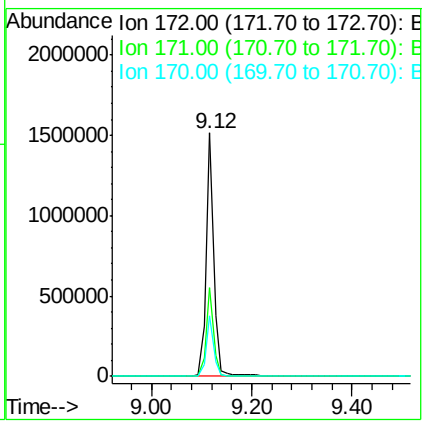


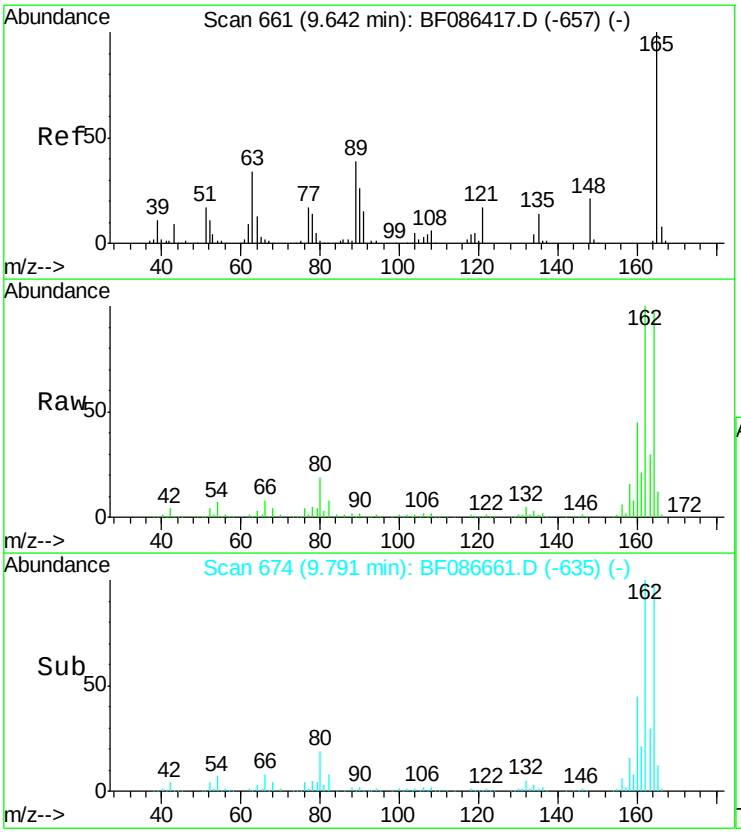
#44
2-Fluorobiphenyl
Concen: 100.89 ng
RT: 9.12 min Scan# 615
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:172 Resp: 1621462

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.9	19.8	29.8

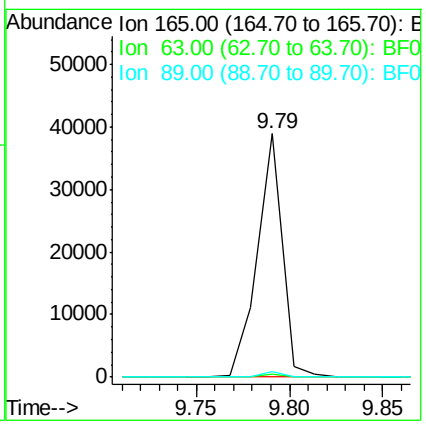


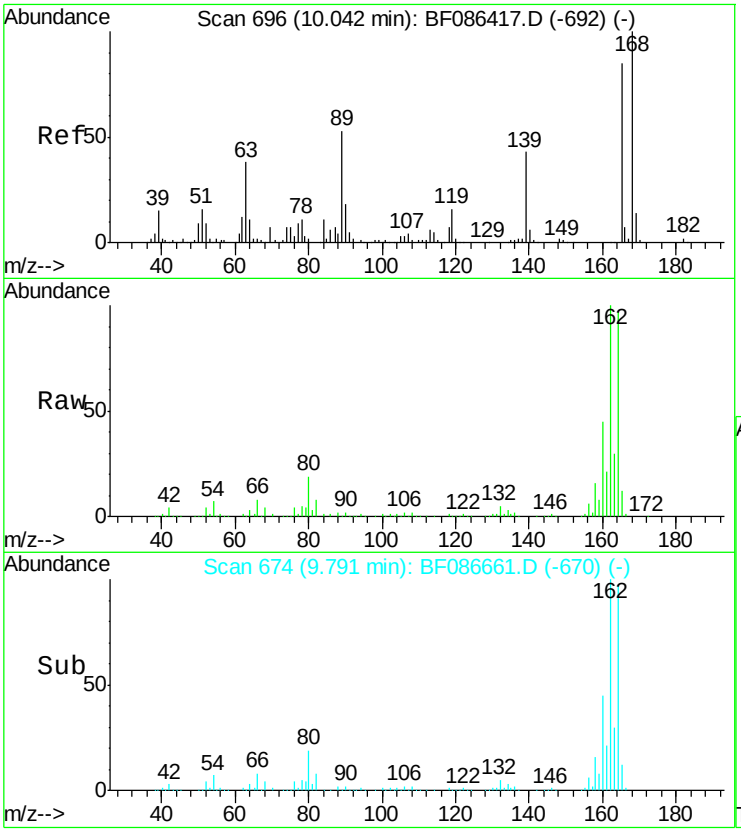


#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.15 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:165 Resp: 35929

Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.8#
89	2.4	50.7	76.1#



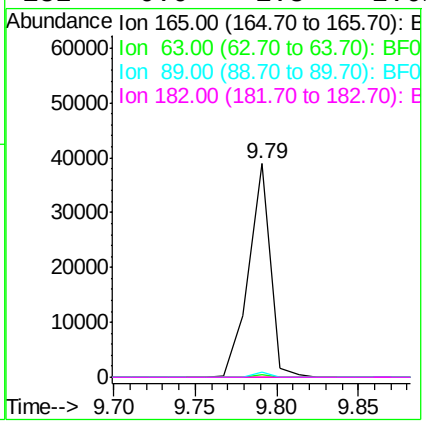


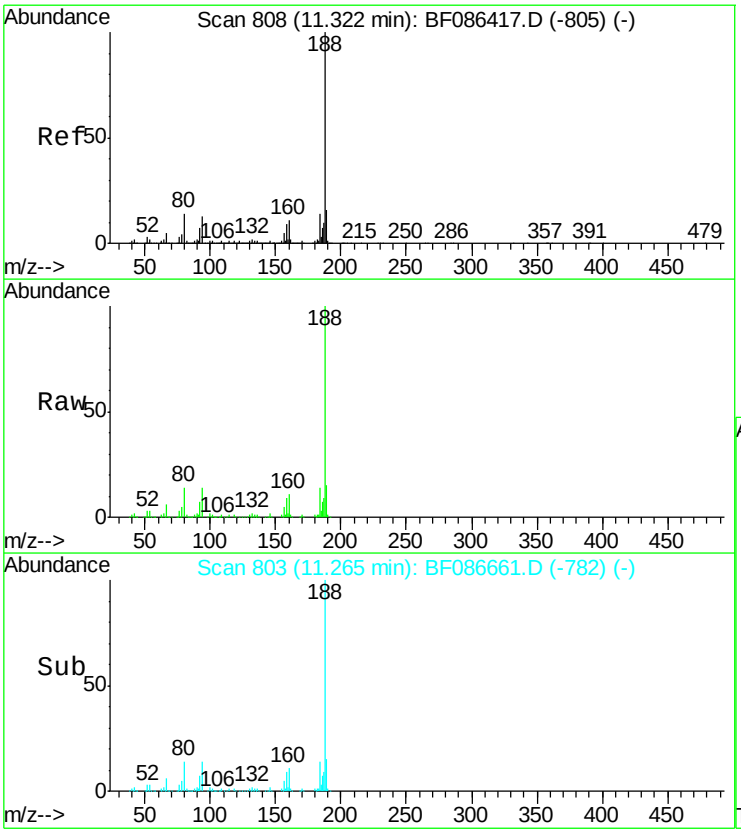
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.25 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:165 Resp: 35931

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.3	66.5#
89	2.4	70.0	105.0#
182	0.0	1.8	2.6#

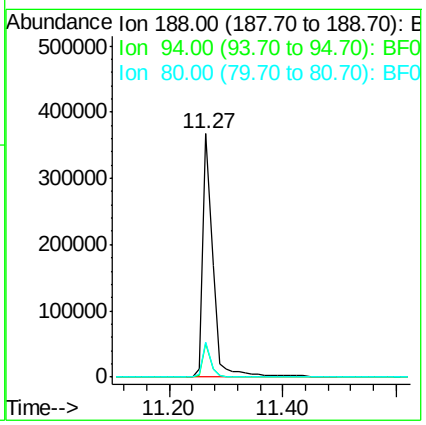


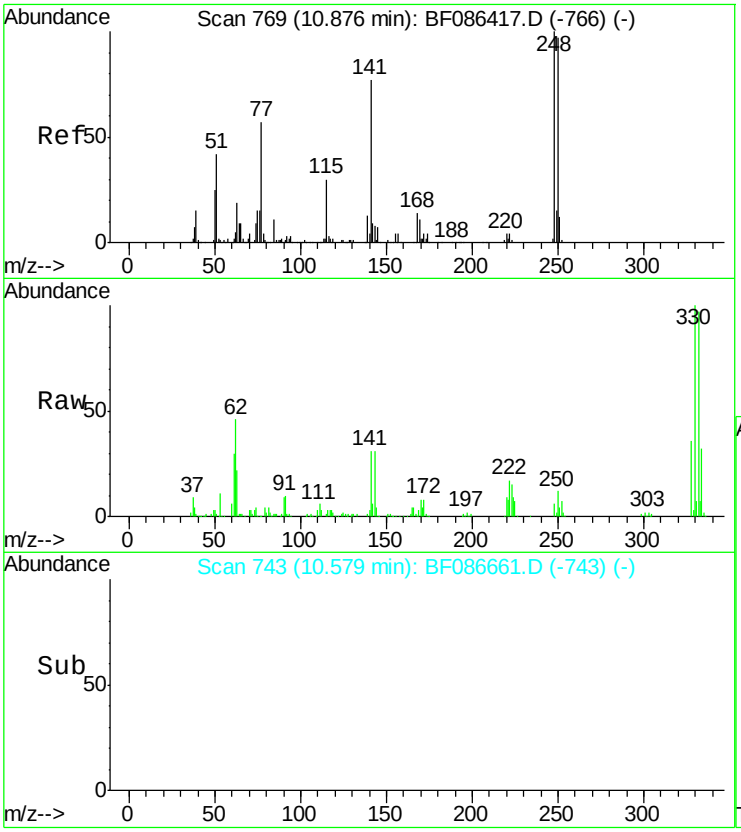


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:188 Resp: 434515

Ion	Ratio	Lower	Upper
188	100		
94	13.7	6.8	10.2#
80	14.5	7.1	10.7#



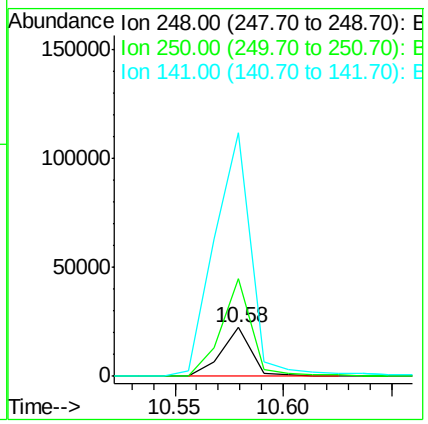


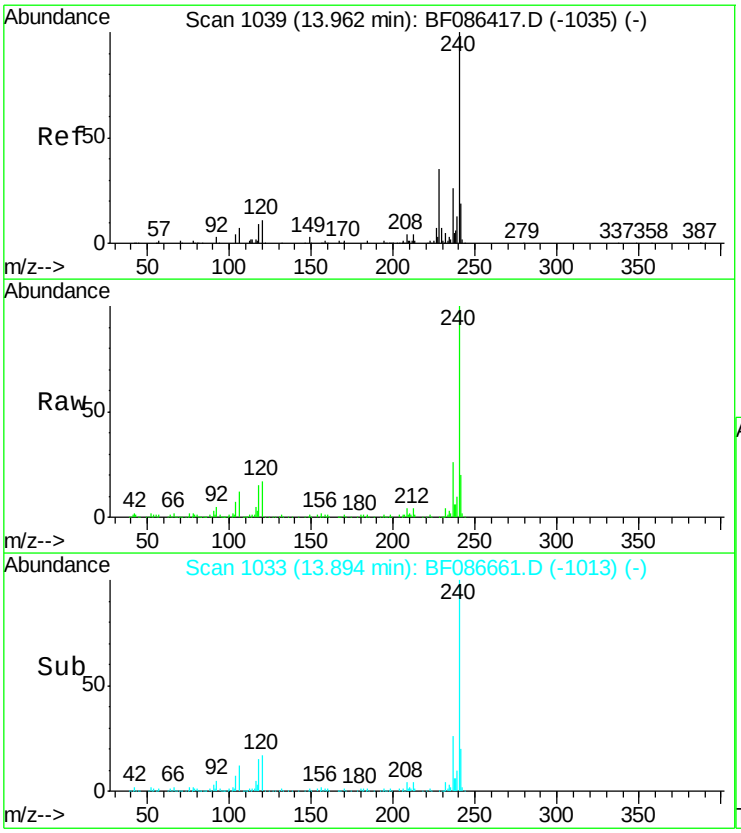
#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:248 Resp: 21287

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.6	117.8#
141	500.2	76.0	114.0#

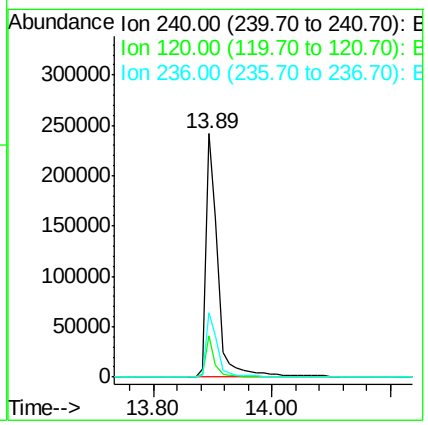


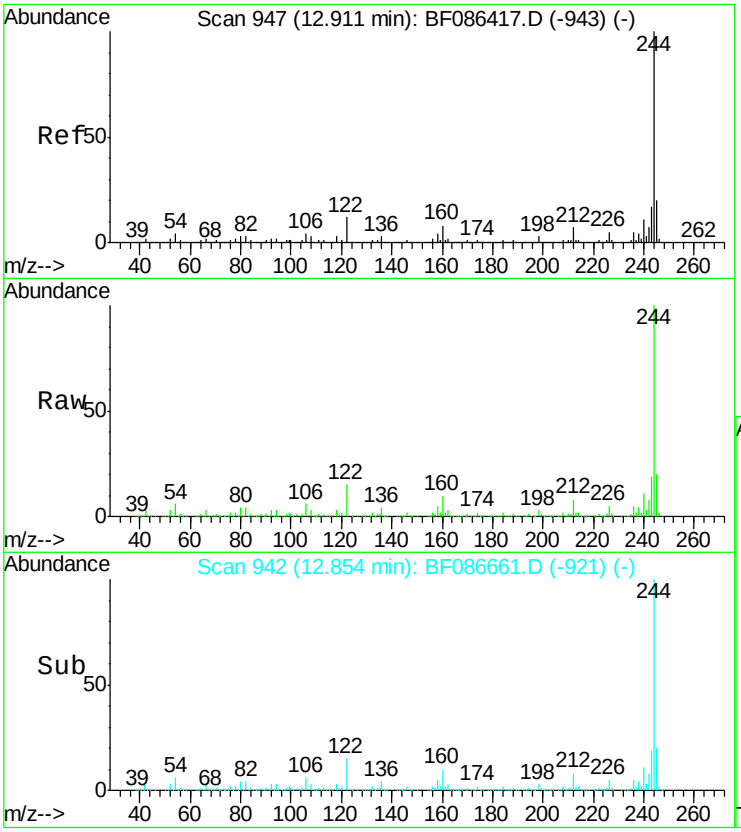


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:240 Resp: 337340

Ion	Ratio	Lower	Upper
240	100		
120	17.0	11.2	16.8#
236	26.4	21.2	31.8



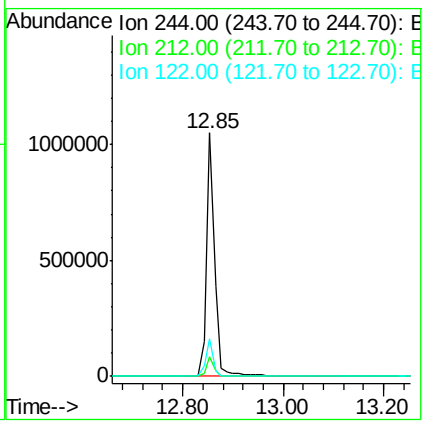


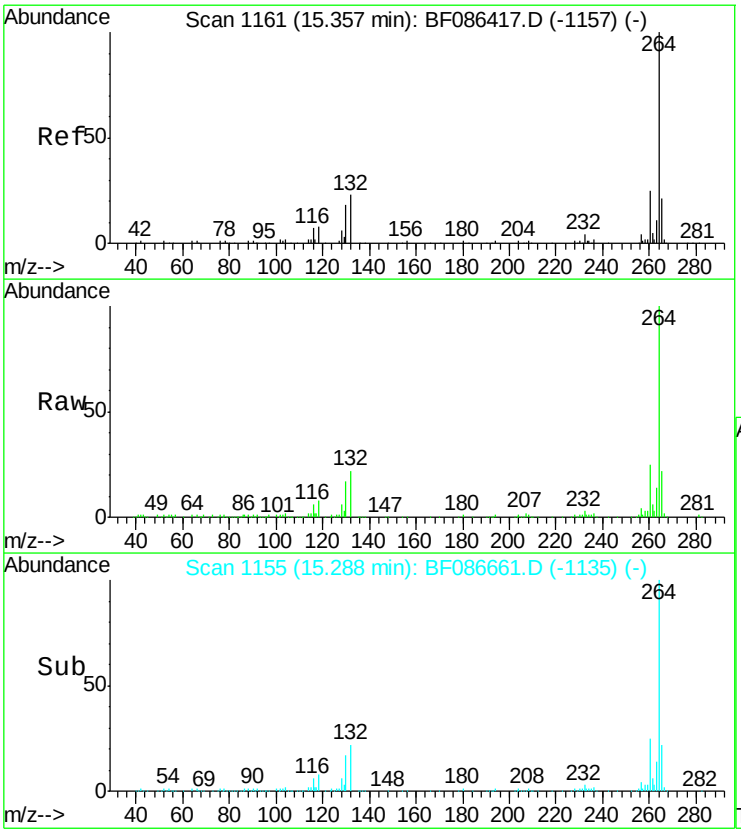
#78
Terphenyl-d14
Concen: 77.62 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.06 min
Lab File: BF086661.D
Acq: 4 May 2016 00:26

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-6(12-25FTBGS)

Tgt Ion:244 Resp: 1188449

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	15.4	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: BF086661.D
Acq: 4 May 2016 00:26

Tgt Ion:264 Resp: 249893

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.3	25.9