Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086996.D
Acq On : 14 May 2016 3:40
Operator : UM/SJ
Sample : H2969-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AFP-59-GW

Quant Time: May 14 05:10:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	142111	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	595728	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	285377	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	512368	20.00	ng	0.00
75) Chrysene-d12	13.75	240	387700	20.00	ng	-0.01
86) Perylene-d12	15.11	264	298900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	499992	59.58	ng	0.00
7) Phenol-d6	6.27	99	402271	35.87	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1042920	87.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	463944	153.56	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1550710	91.33	ng	0.00
78) Terphenyl-d14	12.71	244	1225714	67.08	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	24076	3.71	ng	# 69
15) Benzyl Alcohol	6.76	79	15984	2.06	ng	# 44
19) n-Nitroso-di-n-propylamine	7.19	70	147977	18.88	ng	# 73
25) Isophorone	7.19	82	766512	34.82	ng	# 68
49) Dimethylphthalate	9.38	163	100417	4.61	ng	100
55) 4-Nitrophenol	9.85	139	1699	5.06	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.48	198	18768	5.90	ng	80
66) 4-Bromophenyl-phenylether	10.44	248	27527	5.30	ng	# 1
69) Pentachlorophenol	10.95	266	8624	3.07	ng	94

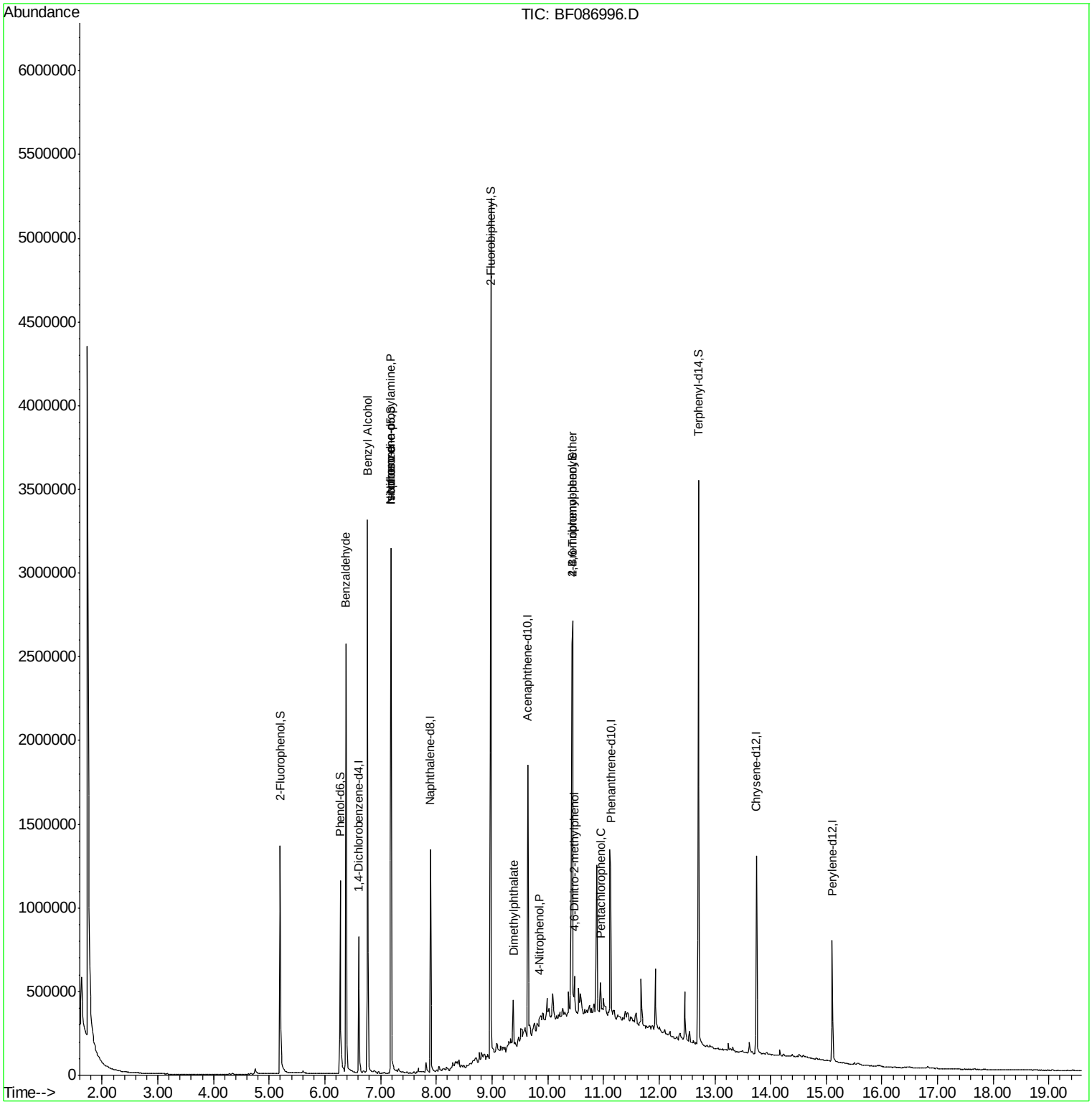
(#) = qualifier out of range (m) = manual integration (+) = signals summed

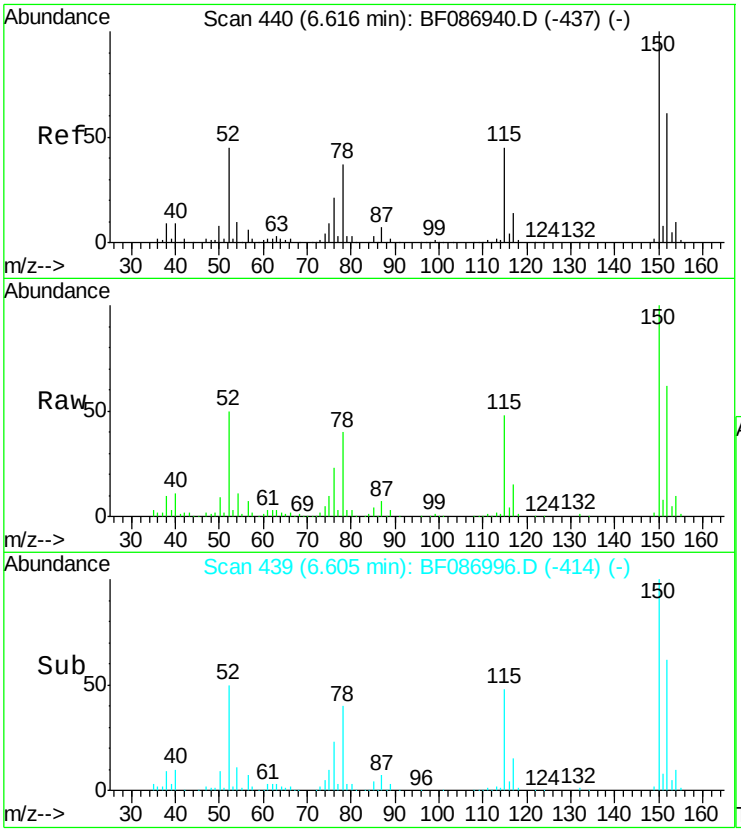
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086996.D
Acq On : 14 May 2016 3:40
Operator : UM/SJ
Sample : H2969-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Quant Time: May 14 05:10:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration



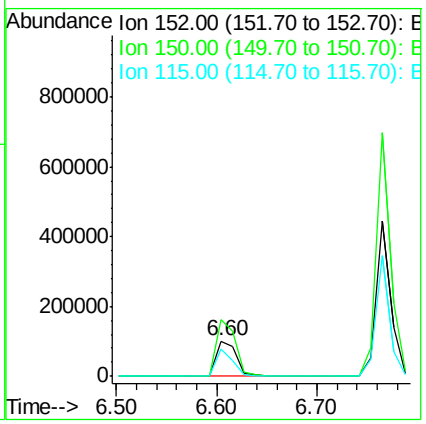


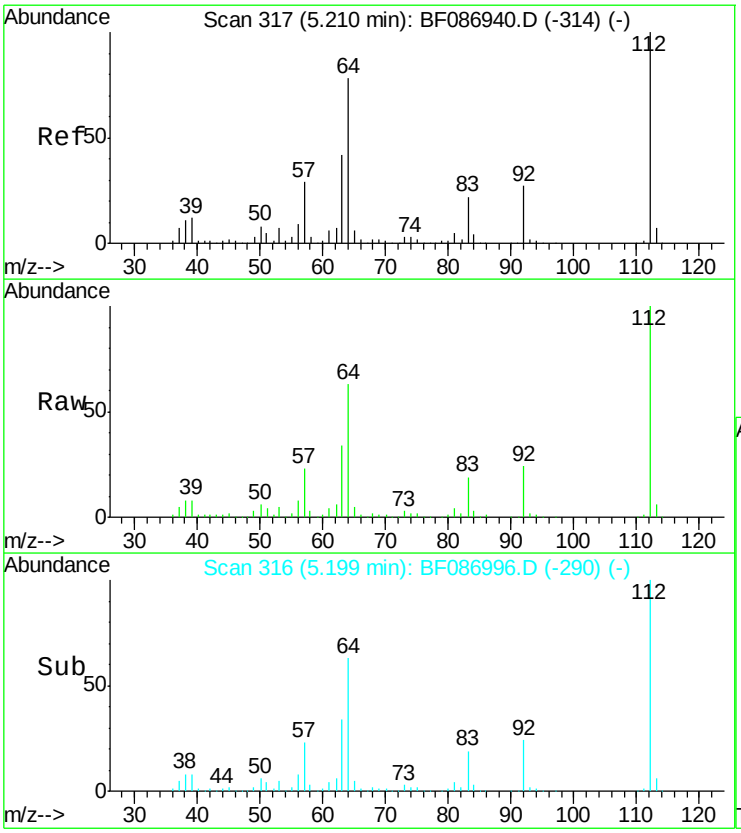
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:152 Resp: 142111

Ion	Ratio	Lower	Upper
152	100		
150	161.3	125.8	188.6
115	77.0	51.5	77.3

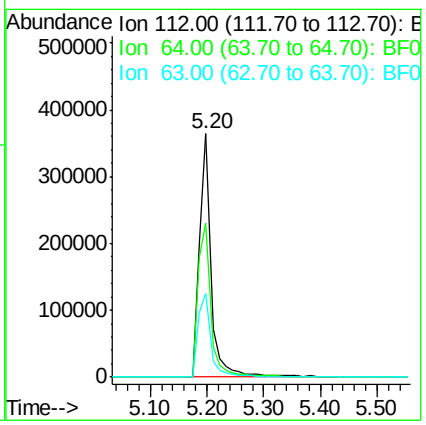


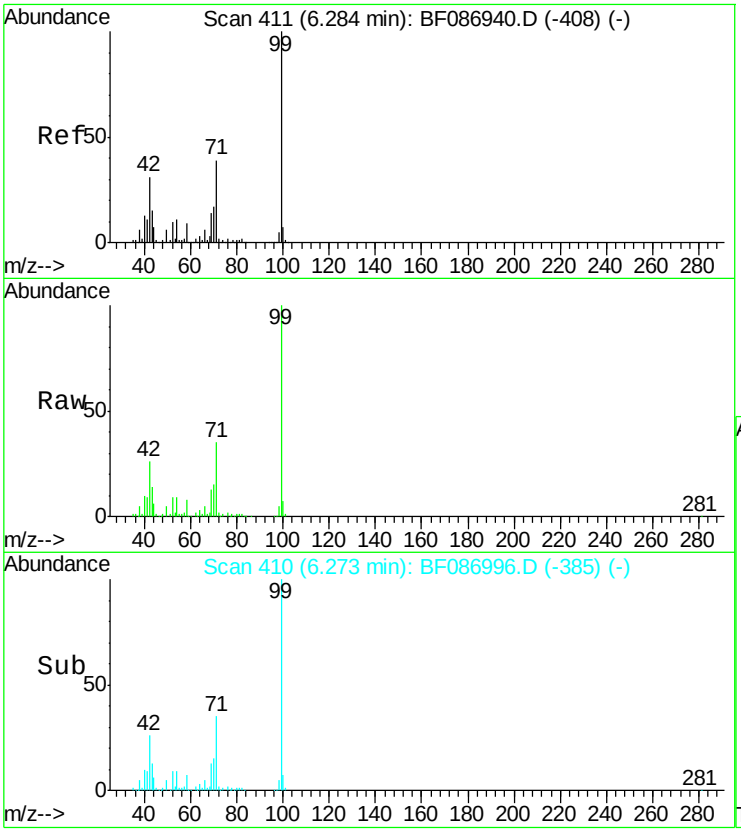


#5
2-Fluorophenol
Concen: 59.58 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:112 Resp: 499992

Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.1	78.1
63	34.2	25.7	38.5



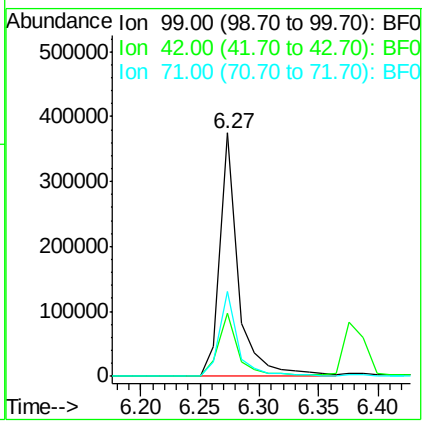


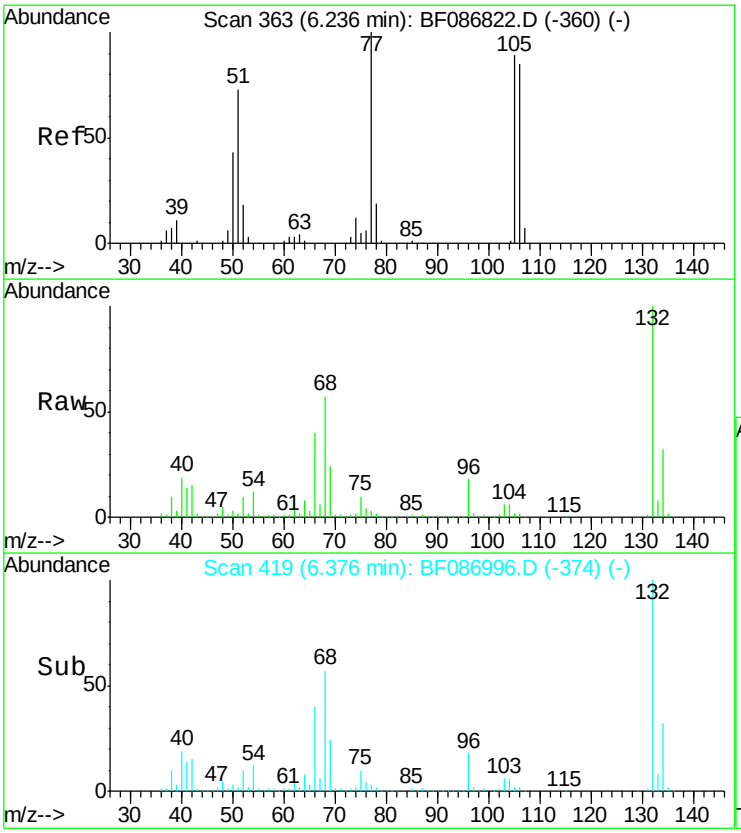
#7
Phenol-d6
Concen: 35.87 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion: 99 Resp: 402271

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.6	20.4#
71	34.7	24.6	36.8

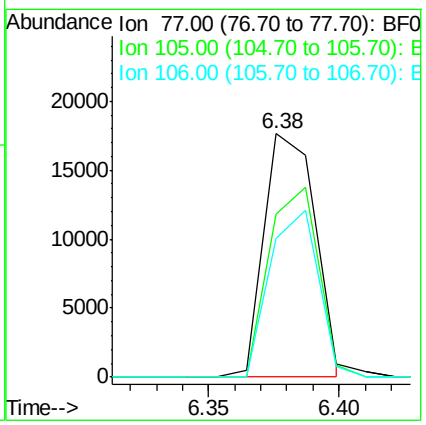


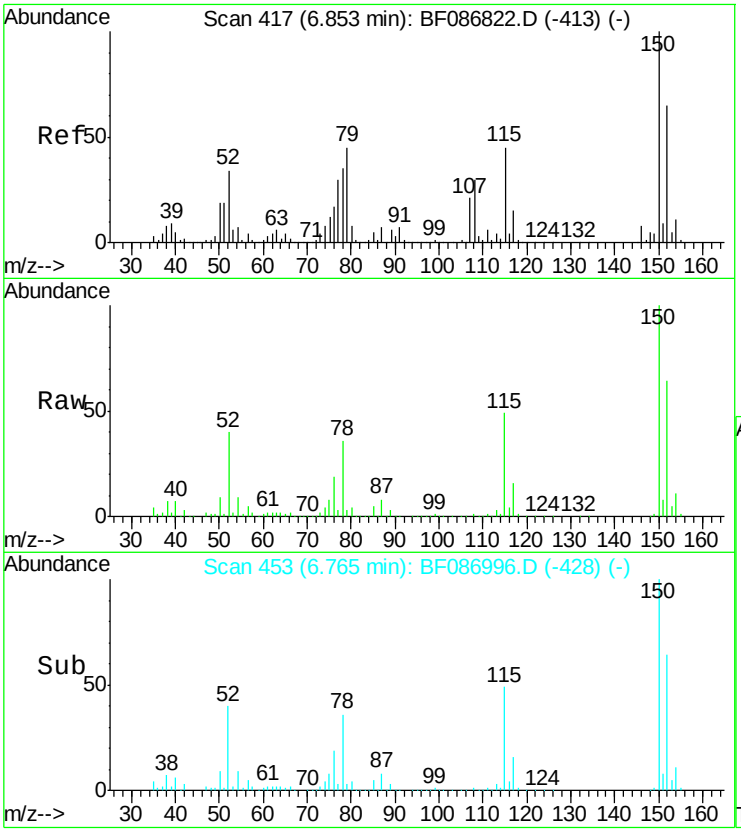


#9
Benzaldehyde
Concen: 3.71 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.22 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion: 77 Resp: 24076

Ion	Ratio	Lower	Upper
77	100		
105	67.1	72.7	112.7#
106	57.2	70.8	110.8#



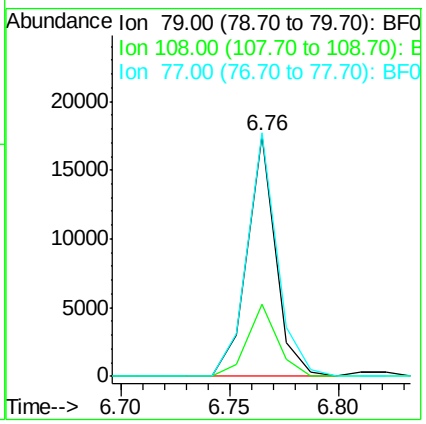


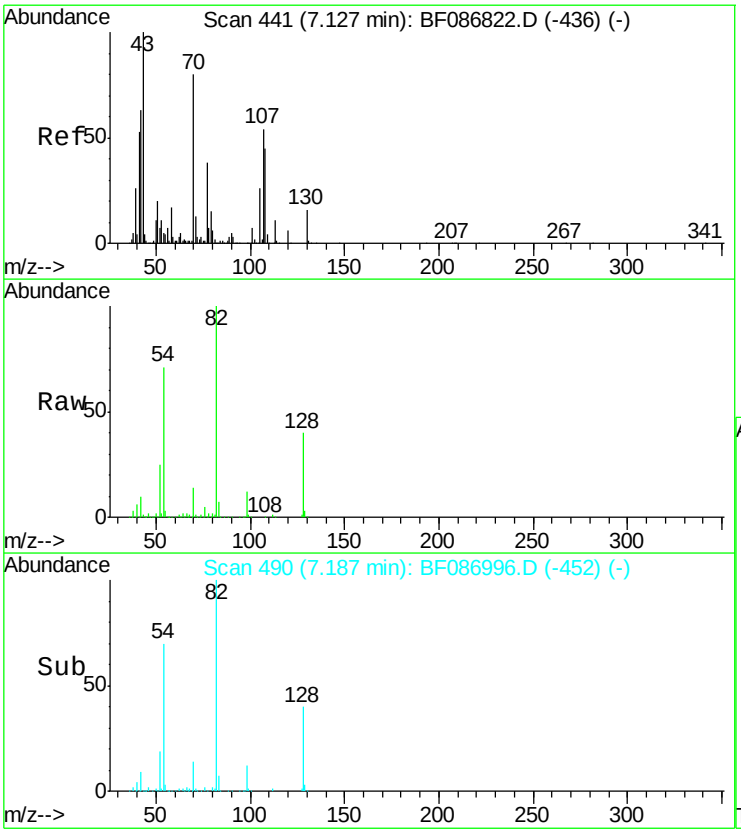
#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion: 79 Resp: 15984

Ion	Ratio	Lower	Upper
79	100		
108	29.7	68.4	102.6#
77	101.1	50.6	76.0#

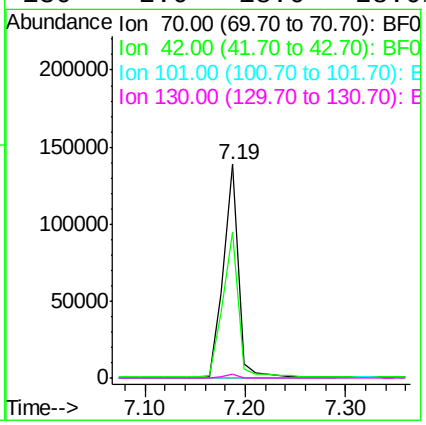


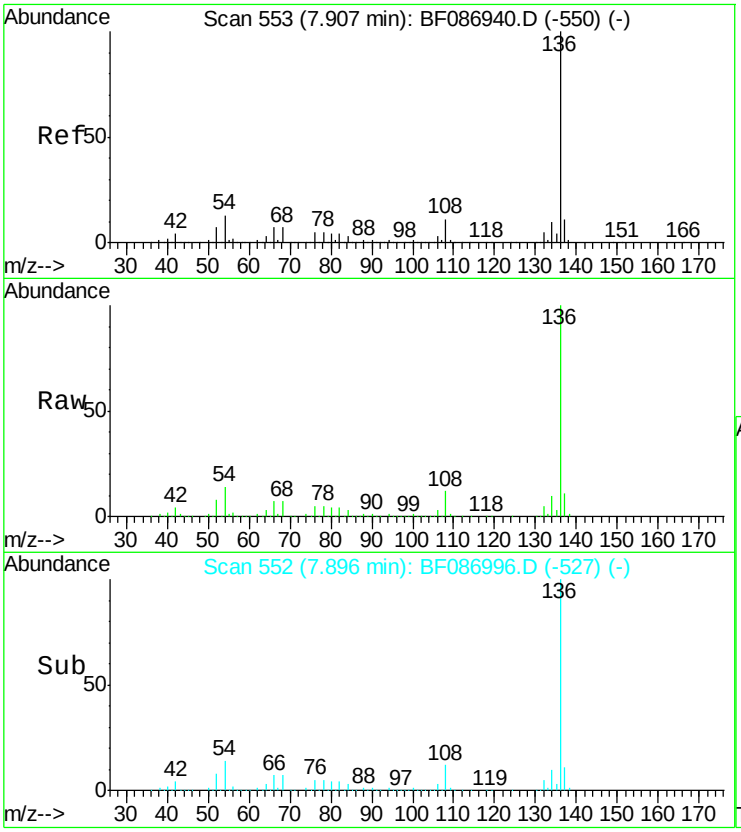


#19
n-Nitroso-di-n-propylamine
Concen: 18.88 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion: 70 Resp: 147977

Ion	Ratio	Lower	Upper
70	100		
42	68.5	43.1	64.7#
101	0.0	8.1	12.1#
130	2.0	18.6	28.0#



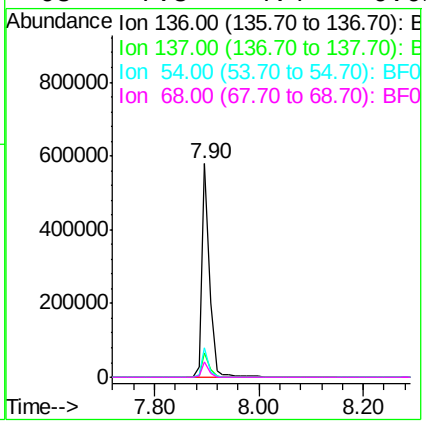


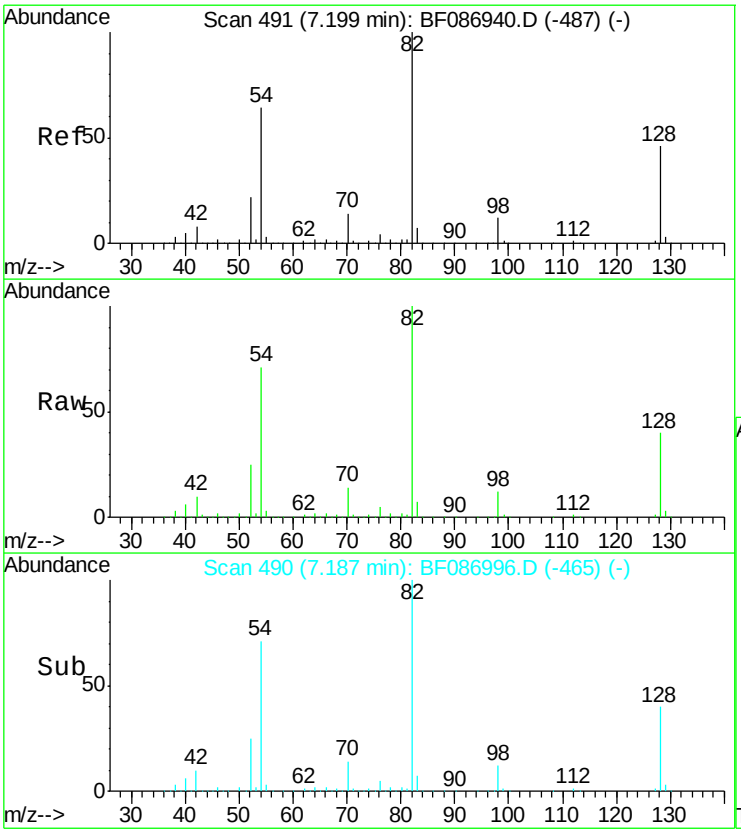
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:136 Resp: 595728

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	13.8	5.0	7.4#
68	7.3	4.4	6.6#

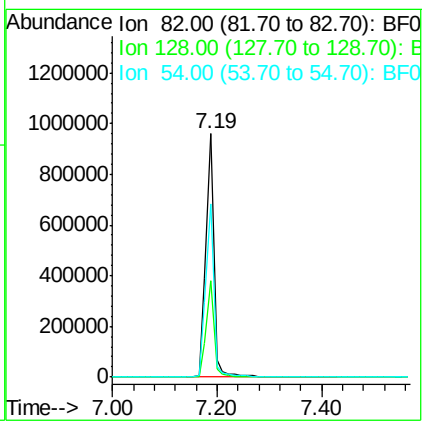


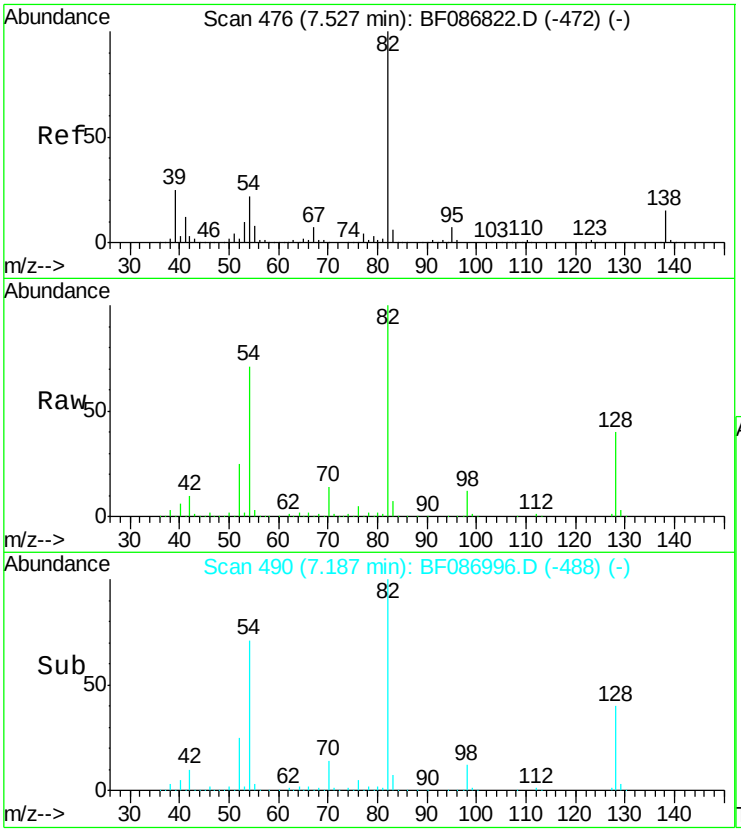


#23
Nitrobenzene-d5
Concen: 87.91 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion: 82 Resp: 1042920

Ion	Ratio	Lower	Upper
82	100		
128	39.6	40.6	61.0#
54	71.2	38.1	57.1#



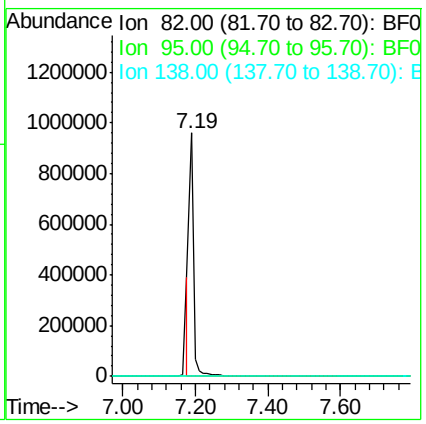


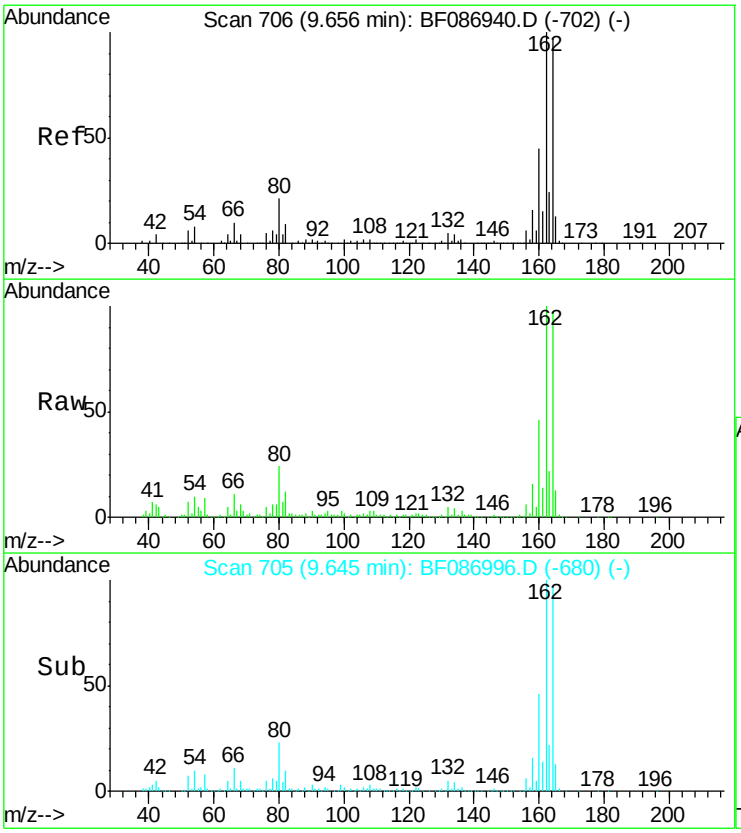
#25
Isophorone
Concen: 34.82 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.27 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion: 82 Resp: 766512

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

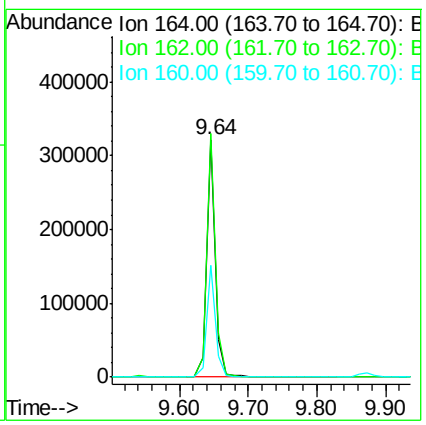


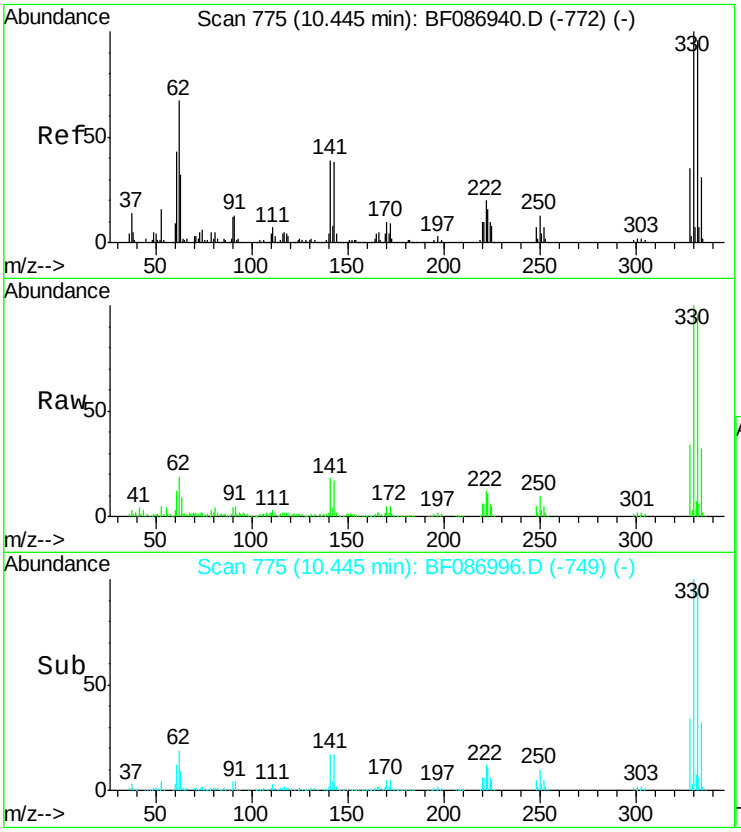


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:164 Resp: 285377

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	46.9	36.9	55.3



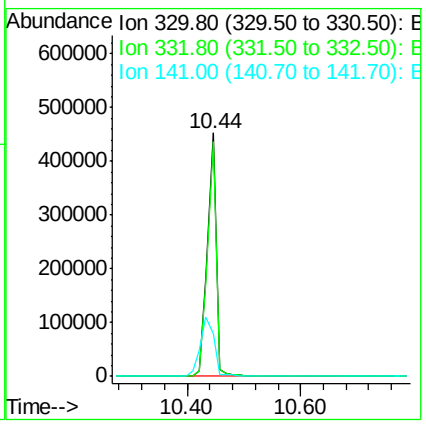


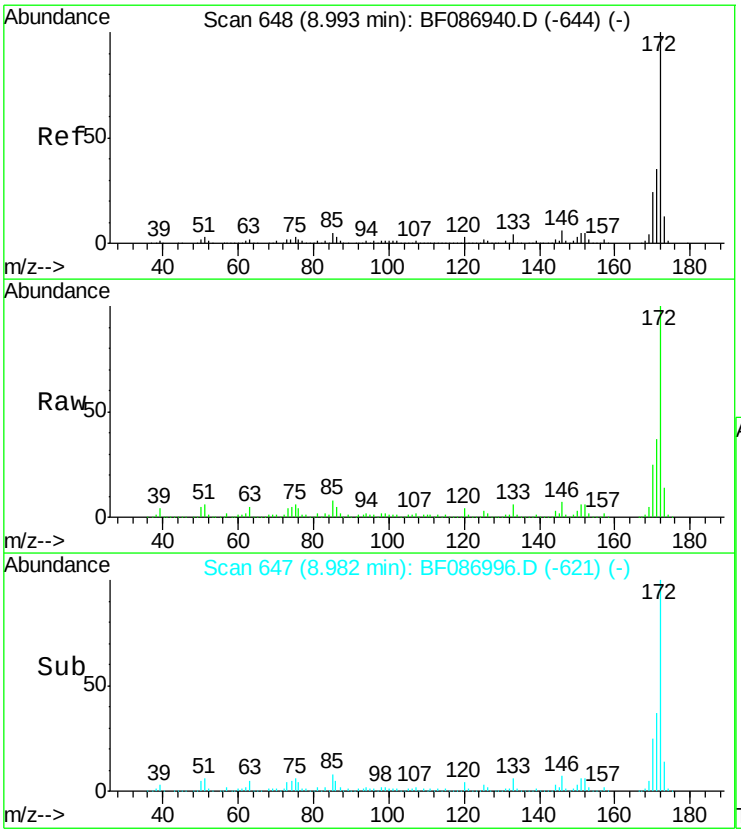
#41
2,4,6-Tribromophenol
Concen: 153.56 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:330 Resp: 463944

Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	37.2	31.2	46.8

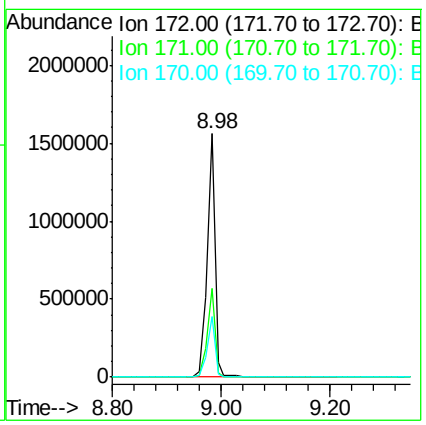


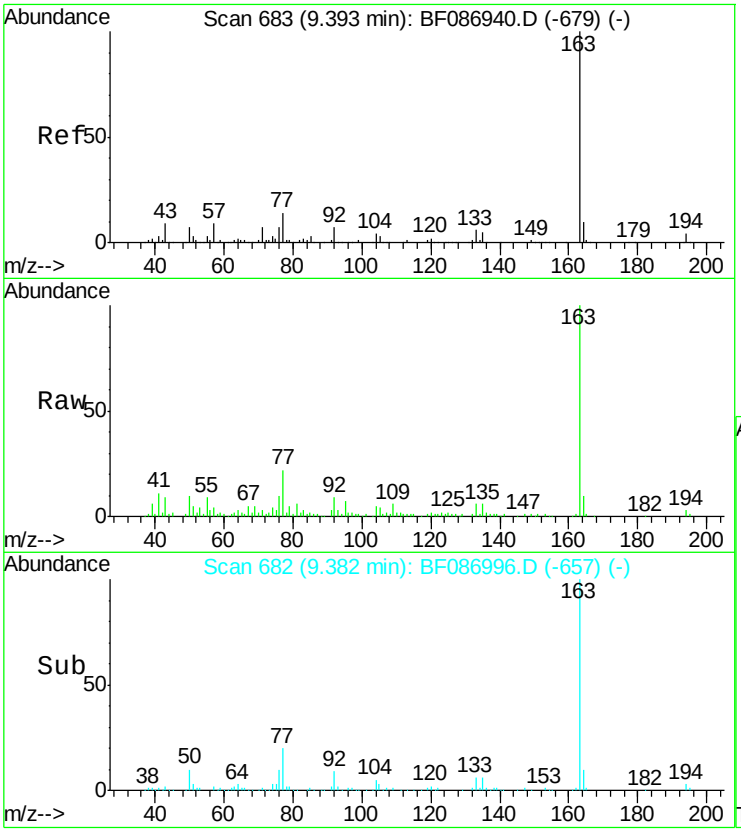


#44
2-Fluorobiphenyl
Concen: 91.33 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:172 Resp: 1550710

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.0	19.8	29.8



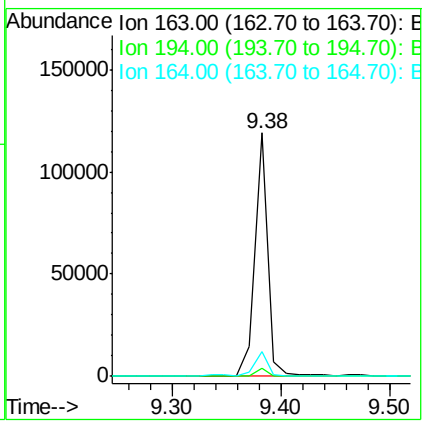


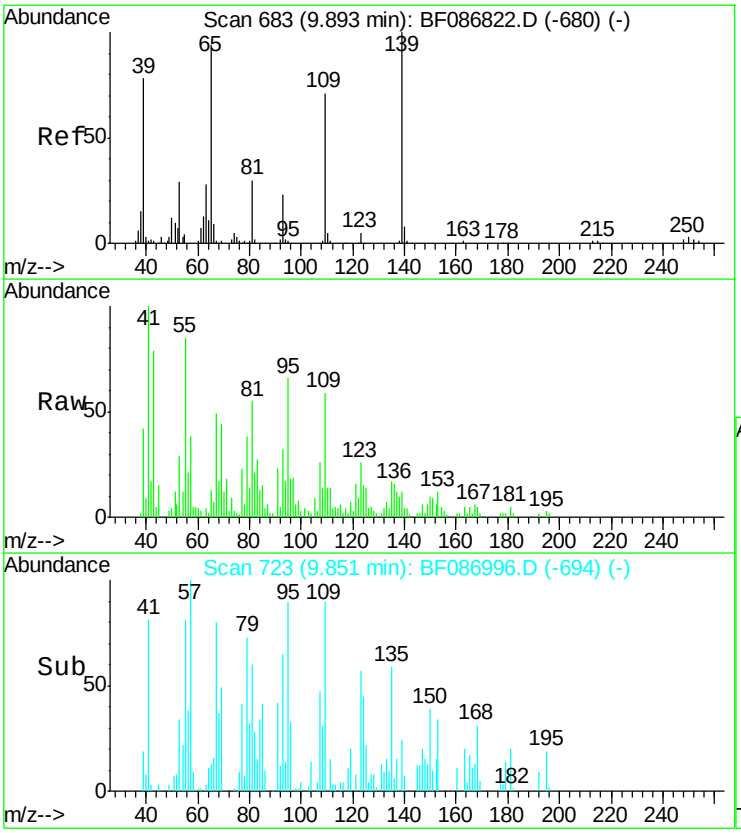
#49
Dimethylphthalate
Concen: 4.61 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:163 Resp: 100417

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.2	12.4

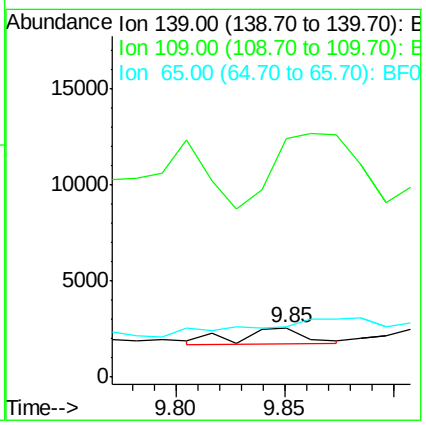


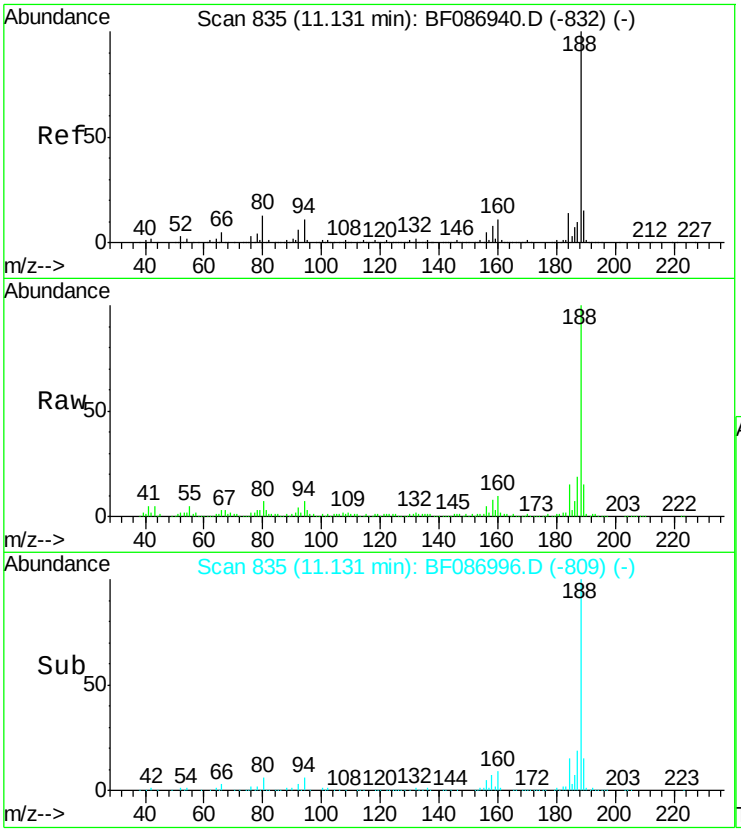


#55
4-Nitrophenol
Concen: 5.06 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.03 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:139 Resp: 1699

Ion	Ratio	Lower	Upper
139	100		
109	480.1	36.9	76.9#
65	102.2	64.0	104.0



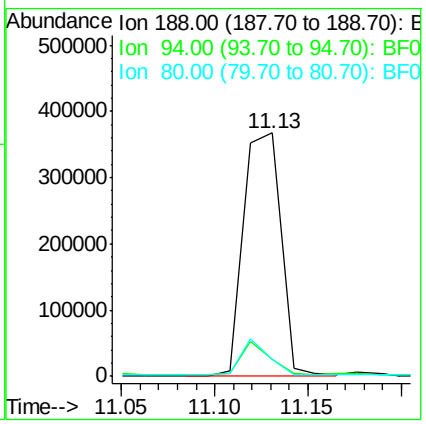


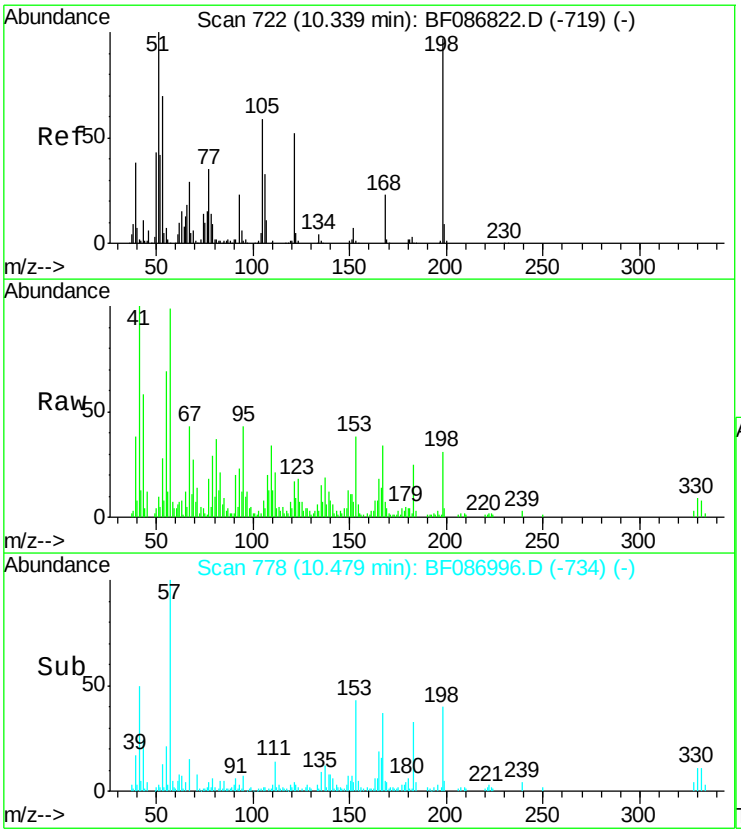
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:188 Resp: 512368

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.8	10.2
80	7.1	7.1	10.7#

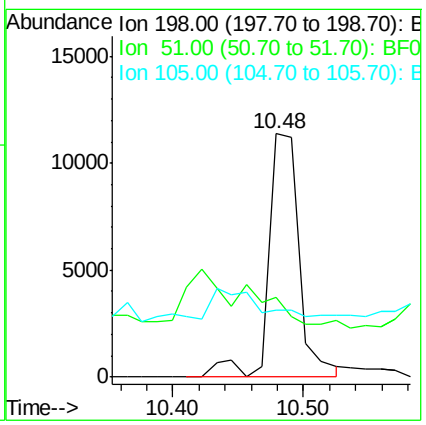


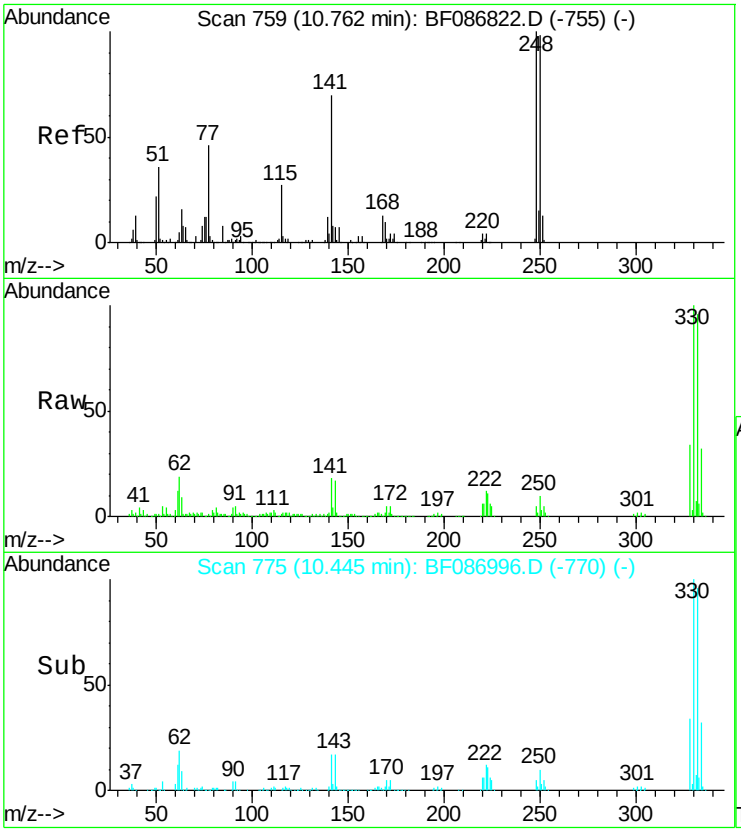


#64
4,6-Dinitro-2-methylphenol
Concen: 5.90 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.21 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:198 Resp: 18768

Ion	Ratio	Lower	Upper
198	100		
51	32.5	20.5	60.5
105	27.3	24.5	64.5



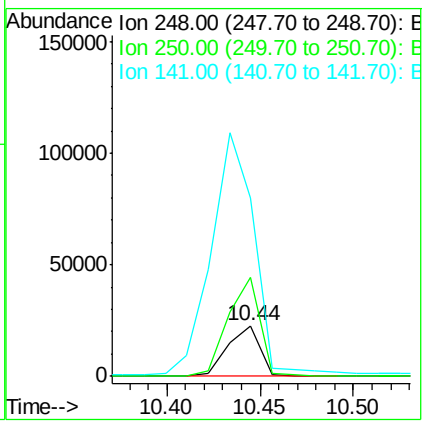


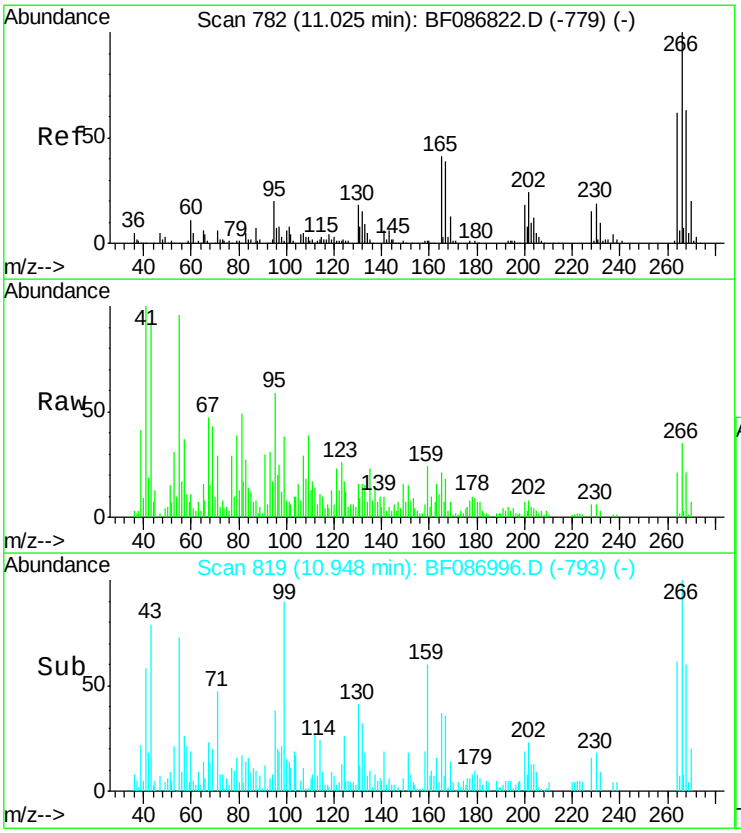
#66
4-Bromophenyl-phenylether
Concen: 5.30 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.24 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:248 Resp: 27527

Ion	Ratio	Lower	Upper
248	100		
250	196.1	78.6	117.8#
141	350.9	76.0	114.0#

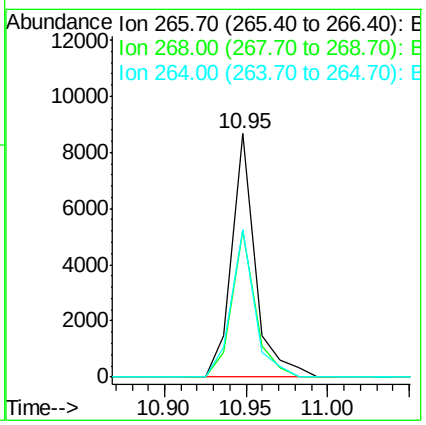


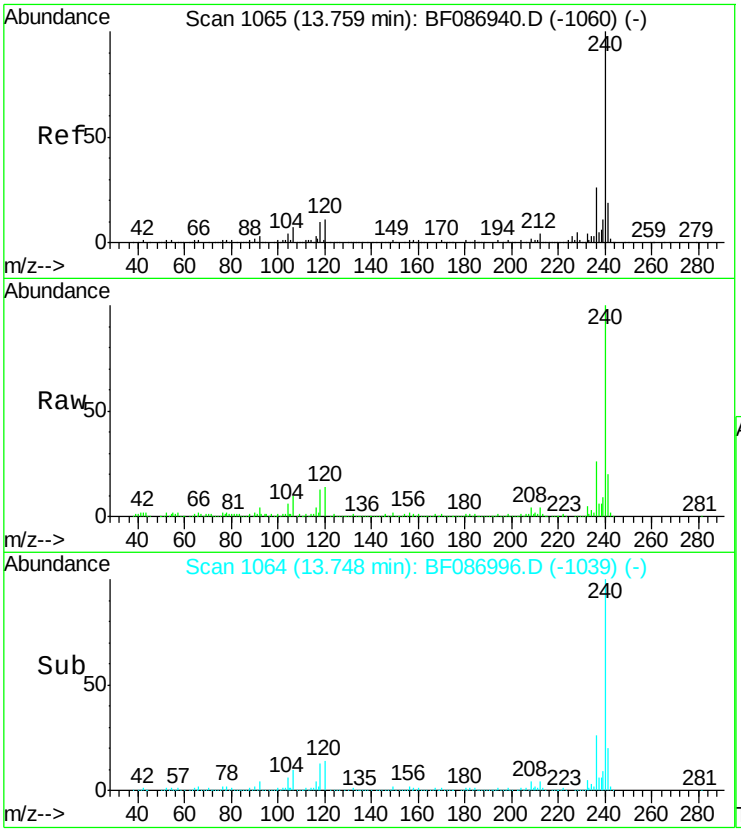


#69
Pentachlorophenol
Concen: 3.07 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:266 Resp: 8624

Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.5	77.3
264	60.7	52.9	79.3



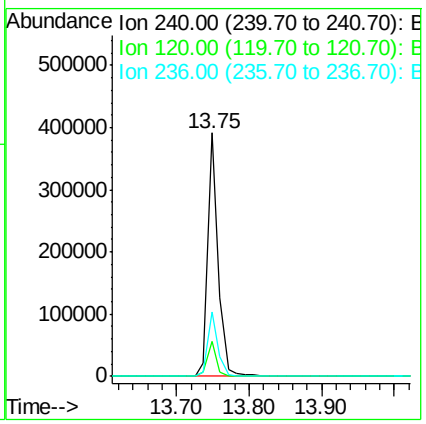


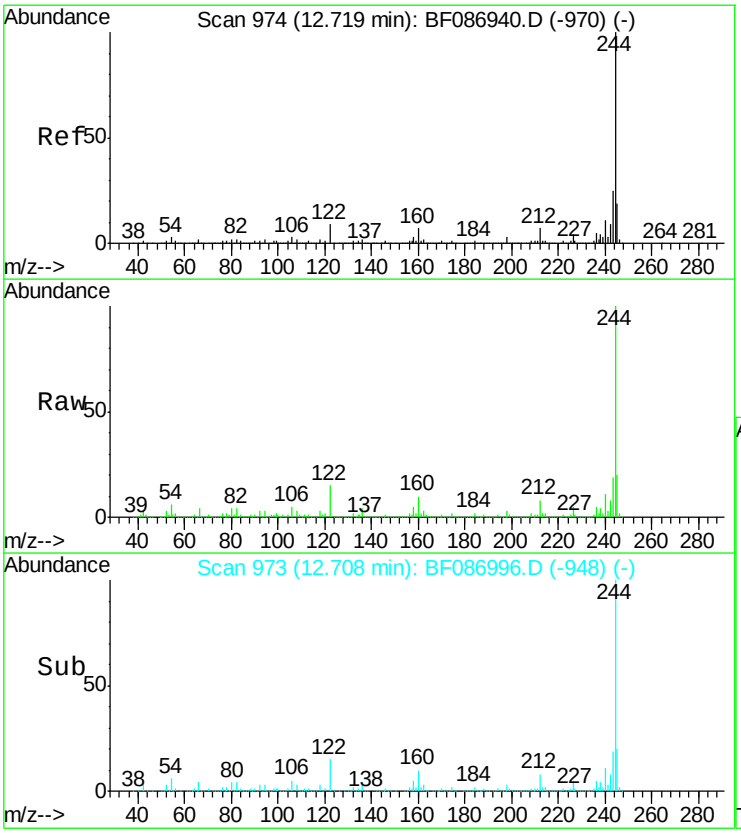
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:240 Resp: 387700

Ion	Ratio	Lower	Upper
240	100		
120	14.2	11.2	16.8
236	26.2	21.2	31.8

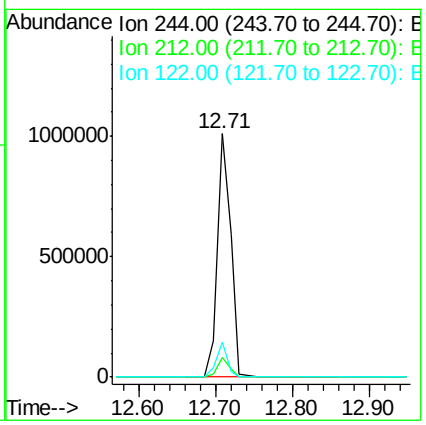


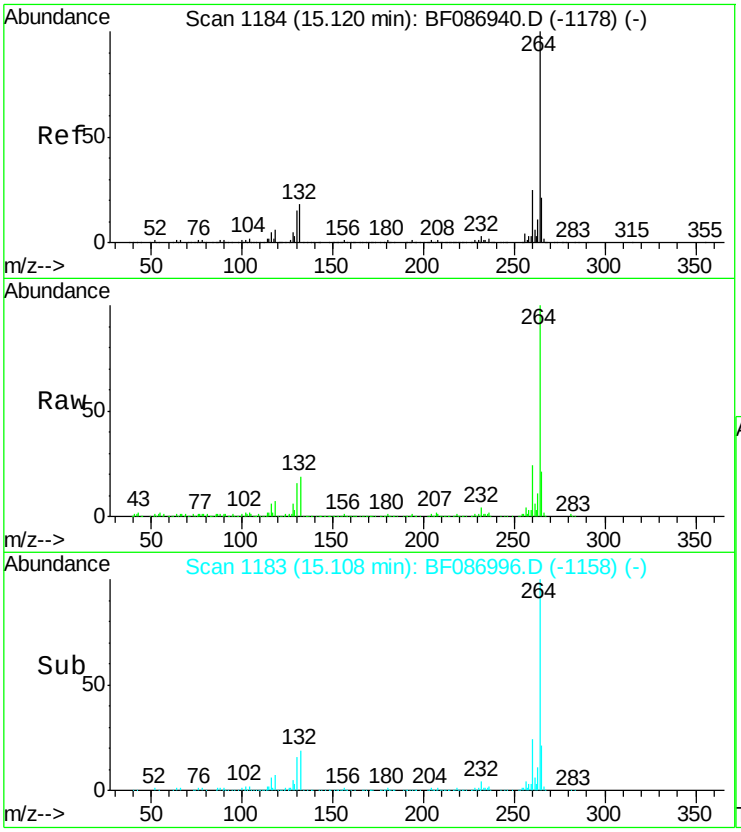


#78
Terphenyl-d14
Concen: 67.08 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Tgt Ion:244 Resp: 1225714

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.6	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086996.D
Acq: 14 May 2016 3:40

Instrument :
BNA_F
ClientSampleId :
AFP-59-GW

Tgt Ion:264 Resp: 298900

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.3	25.9