Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086201.D
Acq On : 9 Apr 2016 6:42
Operator : UM/SJ
Sample : H2373-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-02(0.5-20.0)

Quant Time: Apr 11 00:37:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125834	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	457763	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	192142	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	314484	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	250288	20.00	ng		-0.05
86) Perylene-d12	15.28	264	196181	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	988001	134.21	ng		-0.03
7) Phenol-d6	6.38	99	1249390	133.61	ng		-0.03
23) Nitrobenzene-d5	7.30	82	691711	89.11	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	222259	123.24	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1090999	94.41	ng		-0.05
78) Terphenyl-d14	12.83	244	727025	68.28	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	19962	3.97	ng		85
19) n-Nitroso-di-n-propylamine	7.30	70	93105	16.06	ng	#	77
25) Isophorone	7.30	82	685482	44.74	ng	#	68
49) Dimethylphthalate	9.49	163	153788	10.80	ng		98
56) 2,4-Dinitrotoluene	9.77	165	23966	6.29	ng	#	37
66) 4-Bromophenyl-phenylether	10.56	248	15338	4.78	ng	#	1

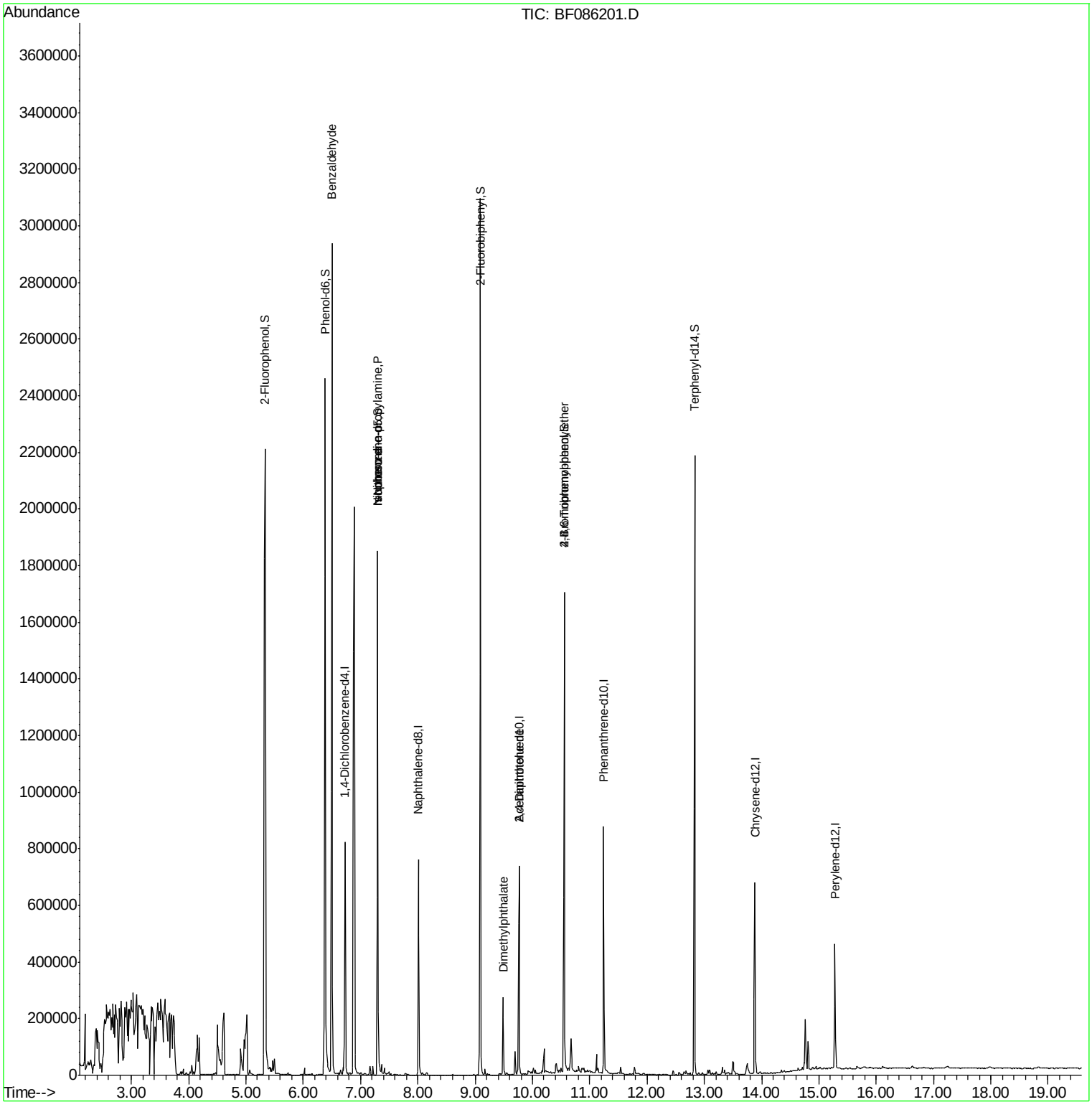
(#) = qualifier out of range (m) = manual integration (+) = signals summed

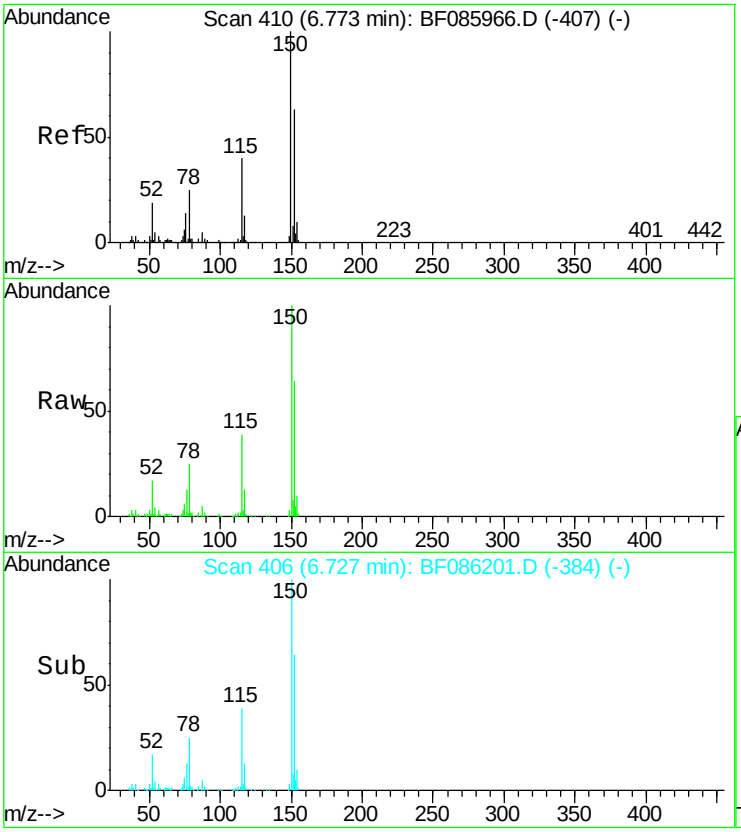
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086201.D
Acq On : 9 Apr 2016 6:42
Operator : UM/SJ
Sample : H2373-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Quant Time: Apr 11 00:37:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



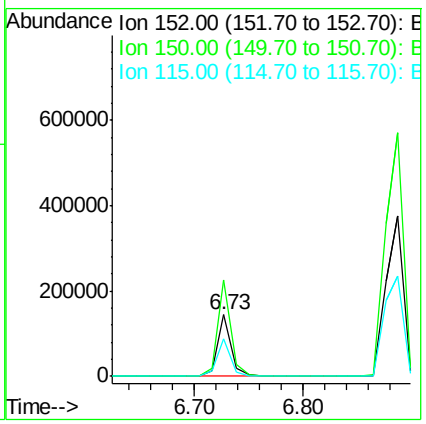


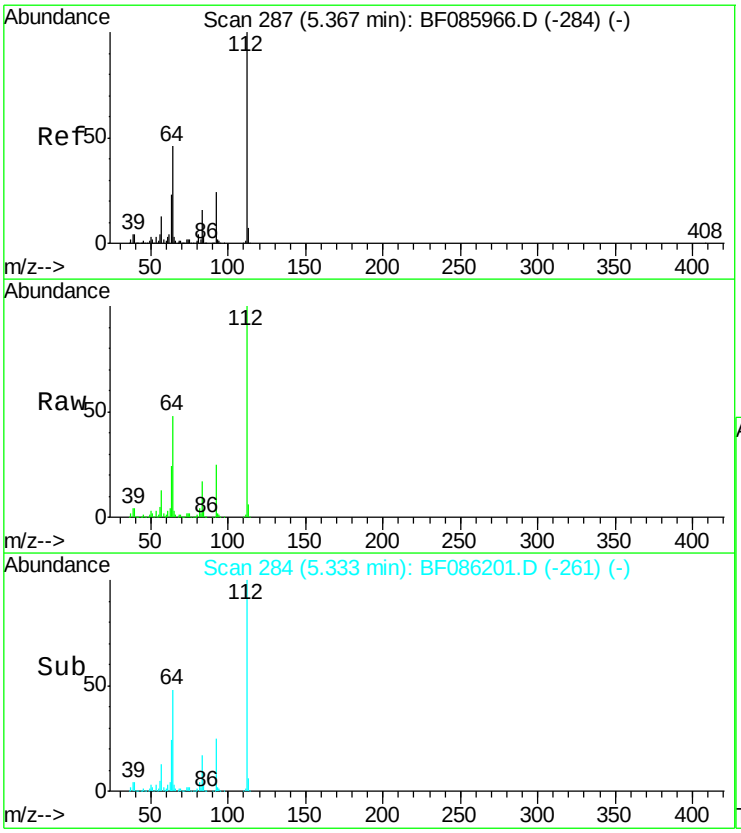
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:152 Resp: 125834

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	60.5	47.0	70.6

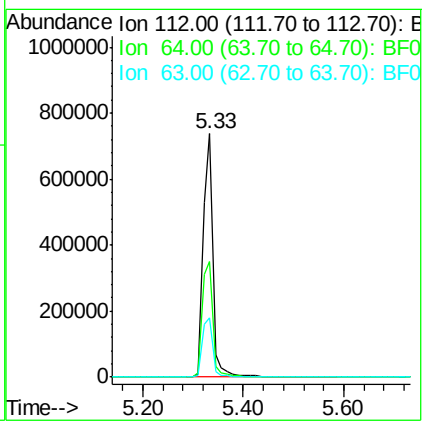


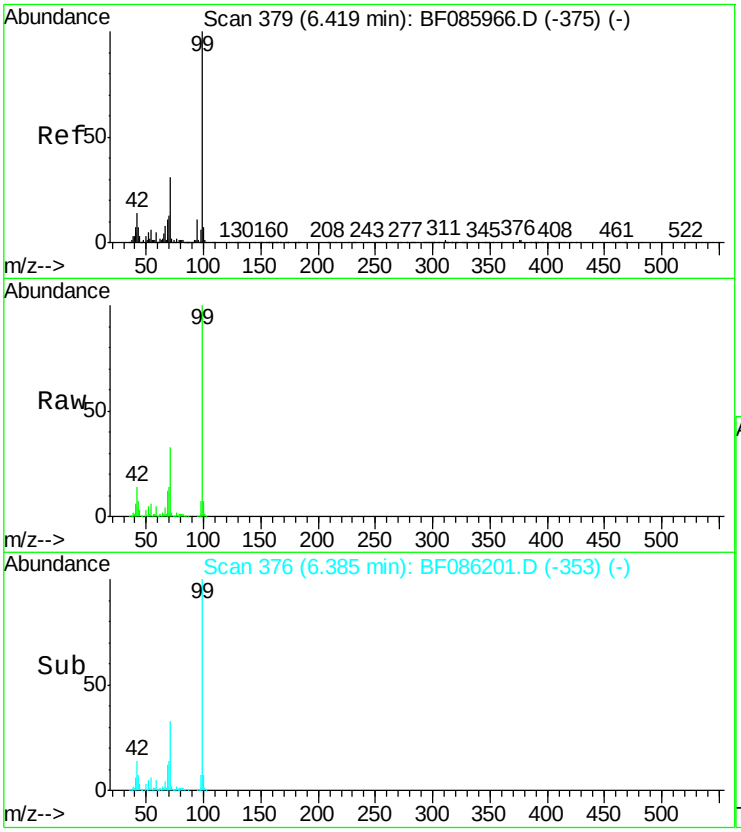


#5
2-Fluorophenol
Concen: 134.21 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:112 Resp: 988001

Ion	Ratio	Lower	Upper
112	100		
64	47.5	39.9	59.9
63	24.2	20.2	30.2



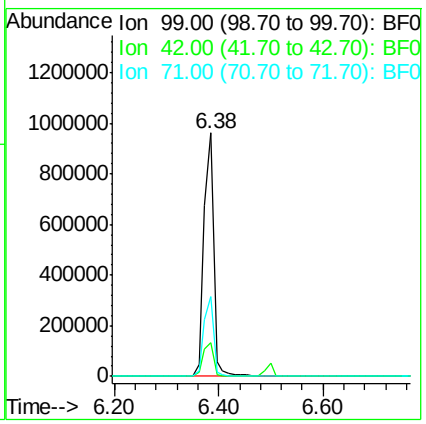


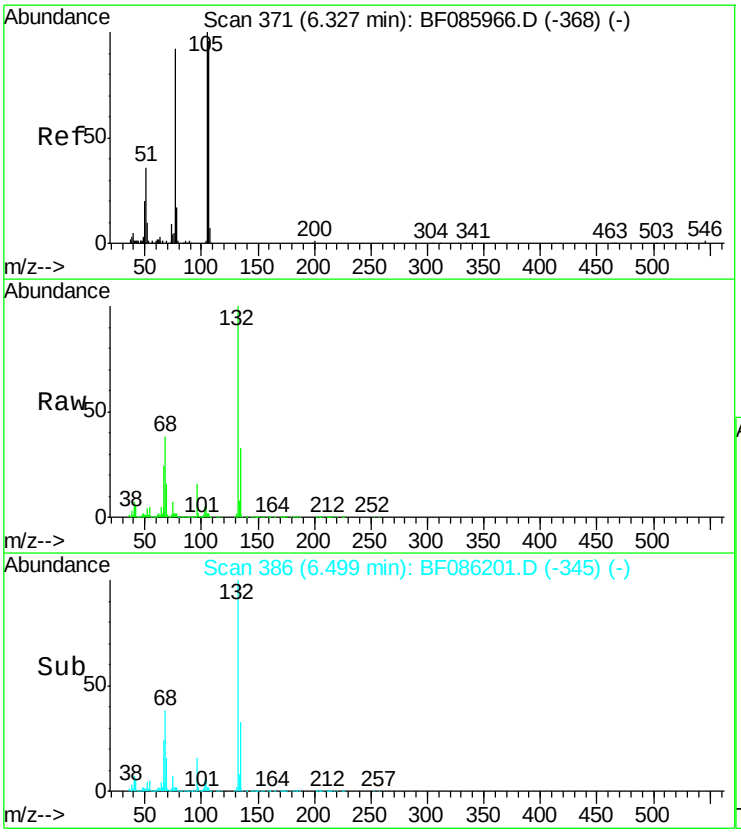
#7
Phenol-d6
Concen: 133.61 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.03 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion: 99 Resp: 1249390

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.1	16.7
71	32.6	24.9	37.3

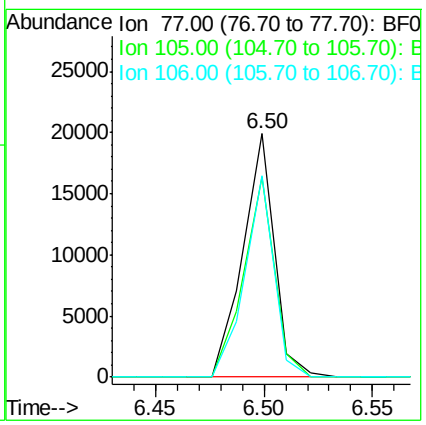


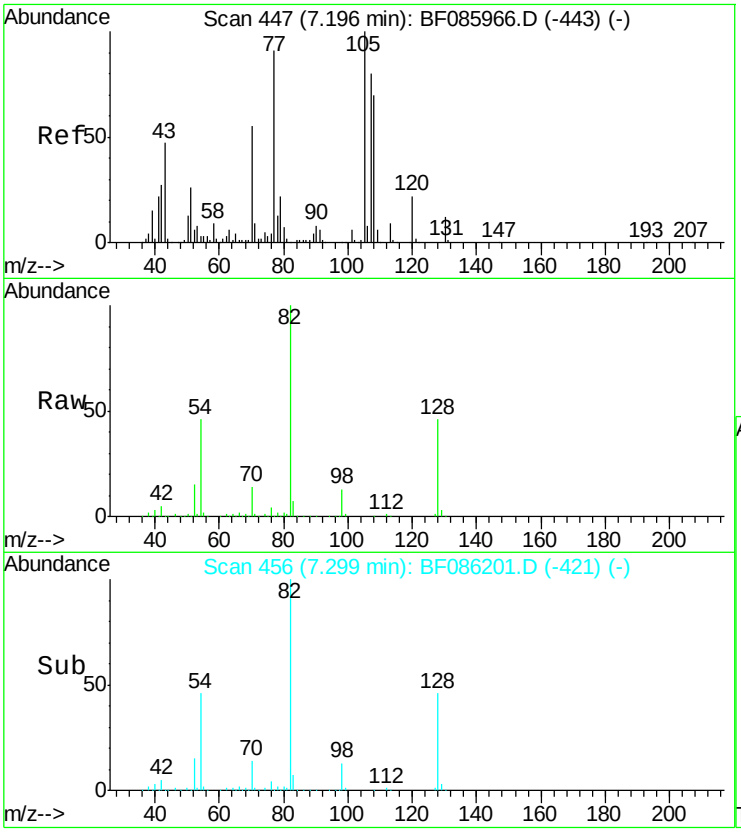


#9
Benzaldehyde
Concen: 3.97 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion: 77 Resp: 19962

Ion	Ratio	Lower	Upper
77	100		
105	82.0	80.1	120.1
106	82.8	75.0	115.0



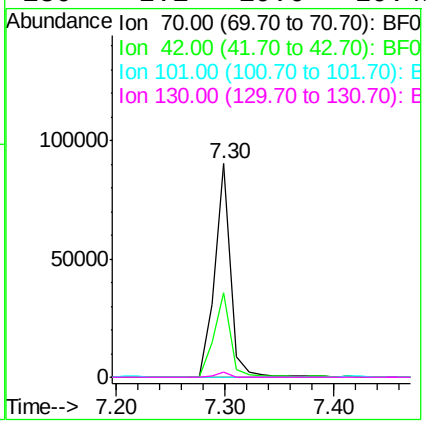


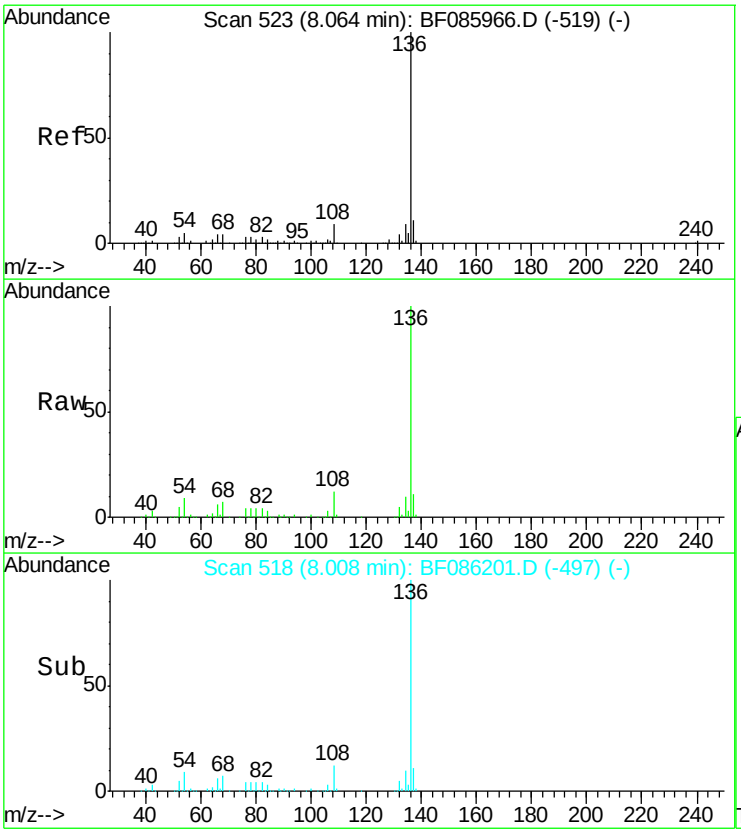
#19
n-Nitroso-di-n-propylamine
Concen: 16.06 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion: 70 Resp: 93105

Ion	Ratio	Lower	Upper
70	100		
42	39.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.1	19.6	29.4#

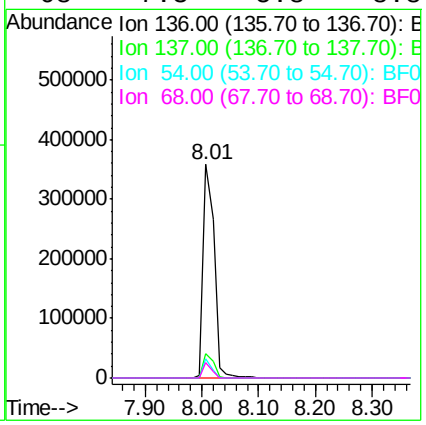


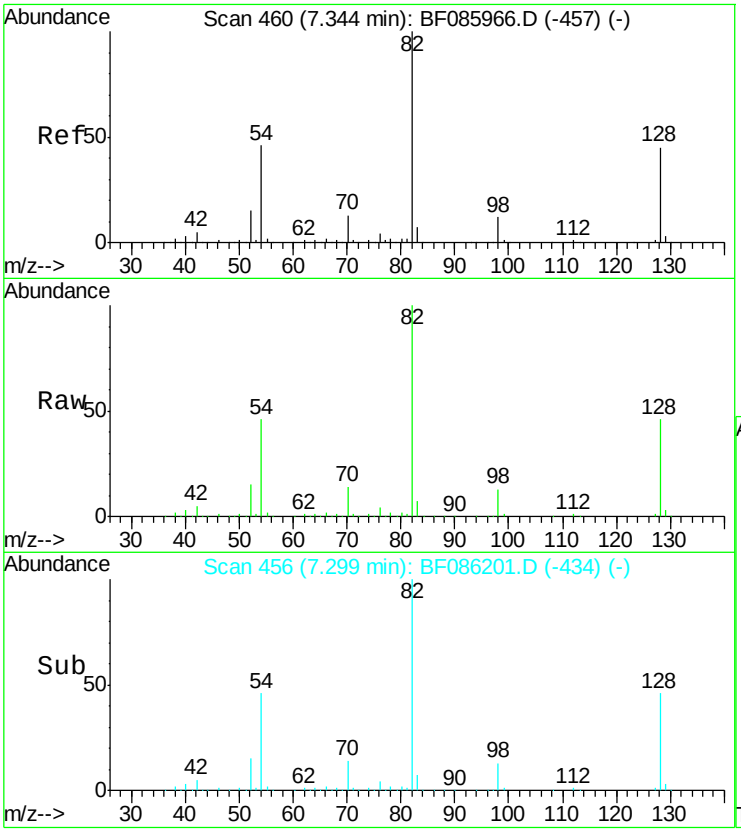


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:136 Resp: 457763

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	7.4	11.0
68	7.3	5.8	8.8



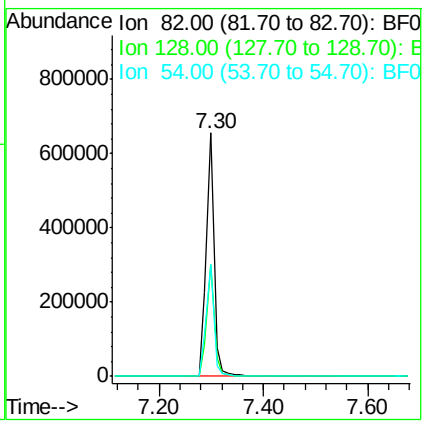


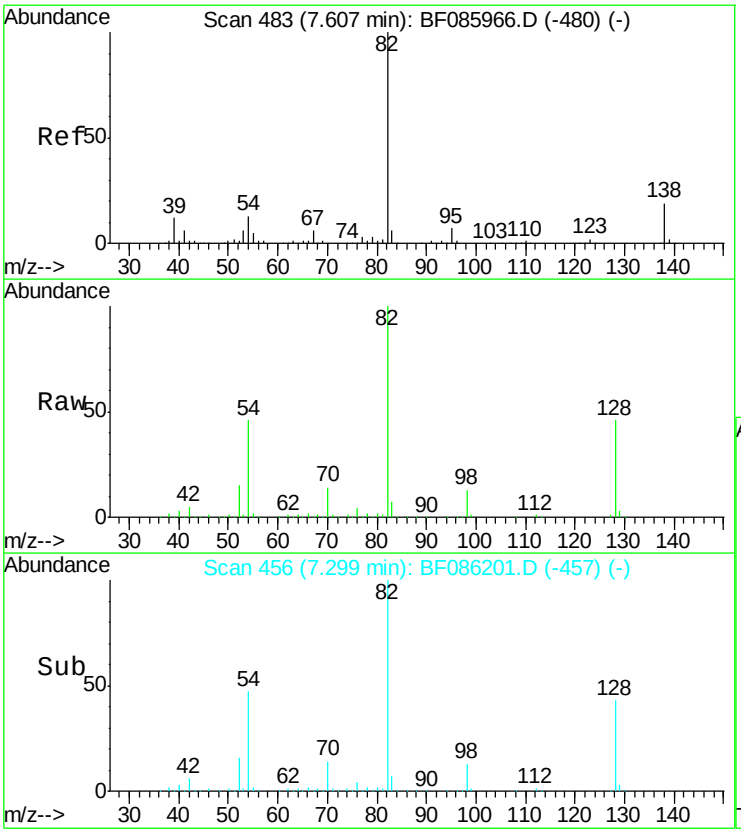
#23
Nitrobenzene-d5
Concen: 89.11 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion: 82 Resp: 691711

Ion	Ratio	Lower	Upper
82	100		
128	45.7	41.8	62.8
54	46.2	33.4	50.0

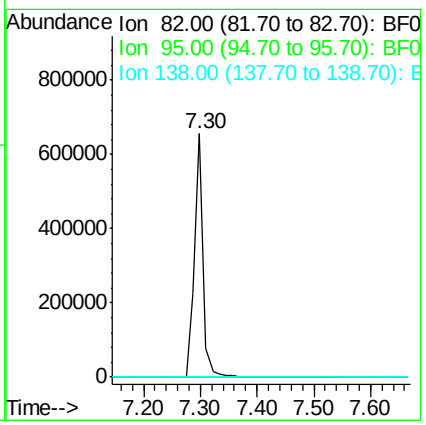


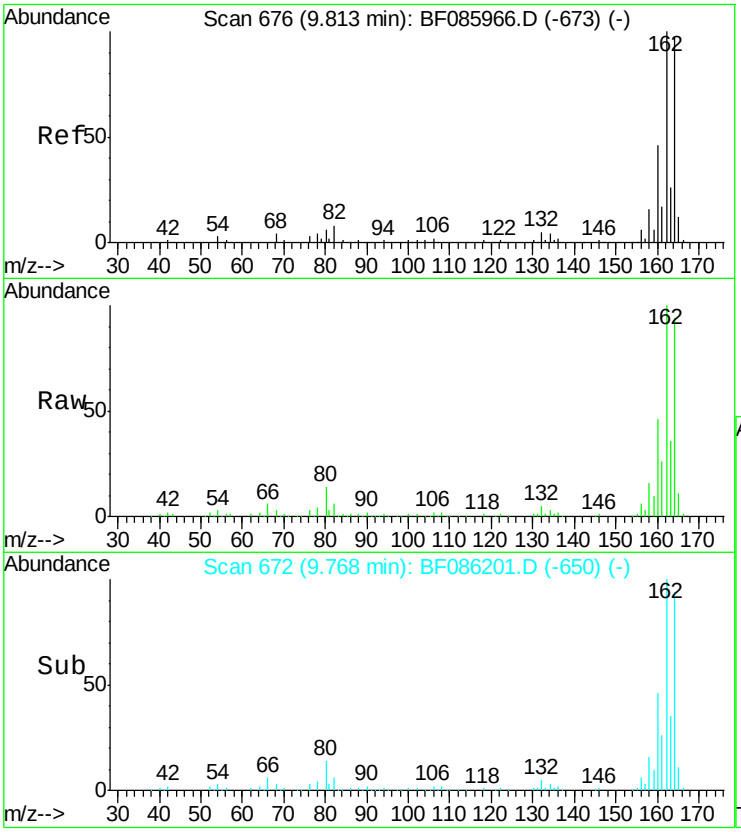


#25
Isophorone
Concen: 44.74 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion: 82 Resp: 685482

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



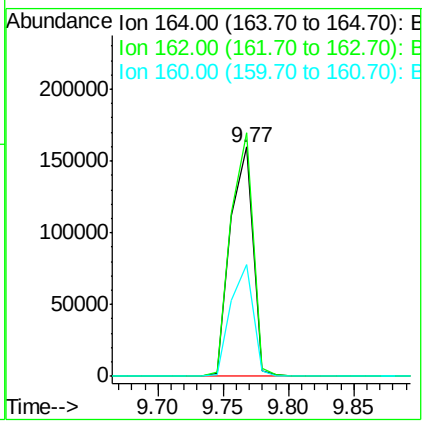


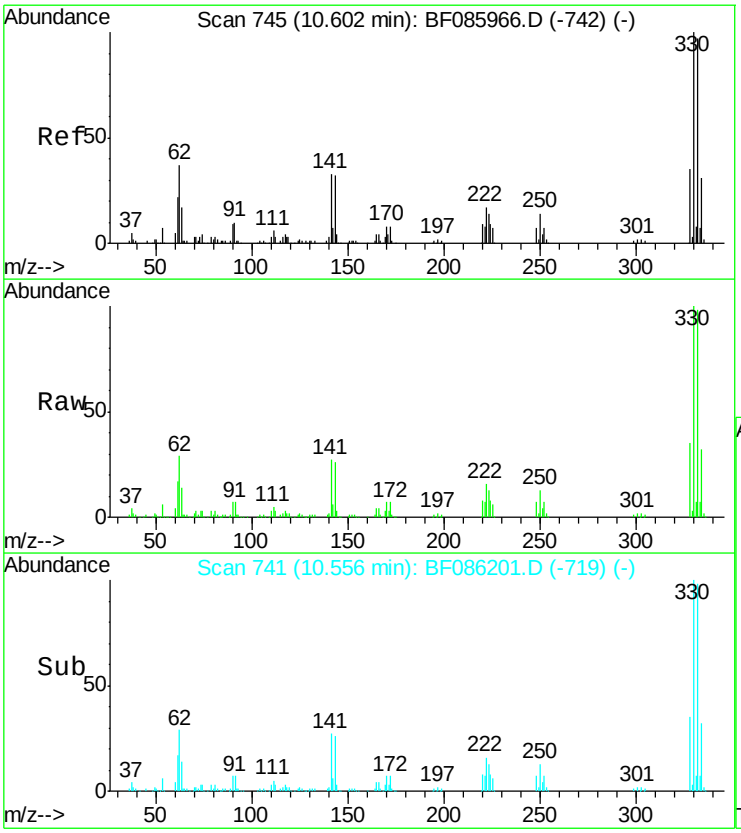
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:164 Resp: 192142

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.1	123.1
160	49.0	37.4	56.2

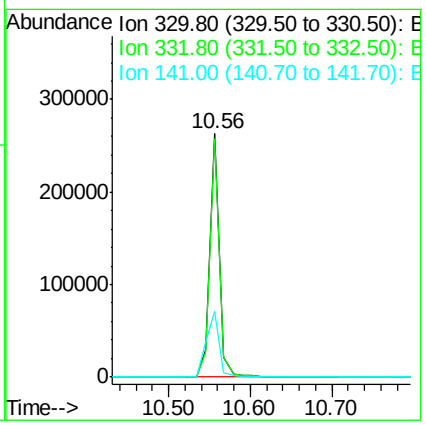


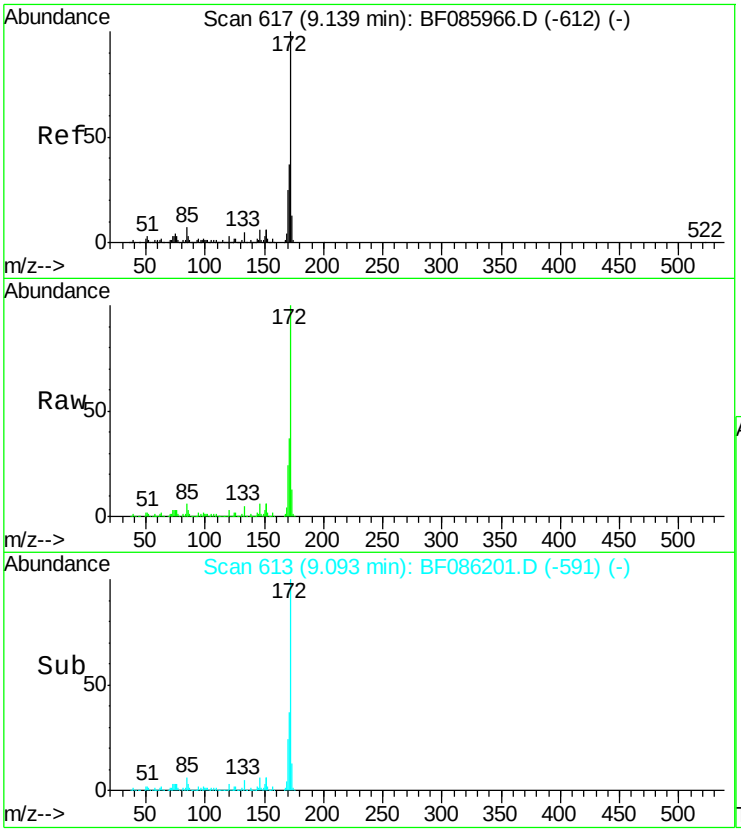


#41
2,4,6-Tribromophenol
Concen: 123.24 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:330 Resp: 222259

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	36.3	31.5	47.3



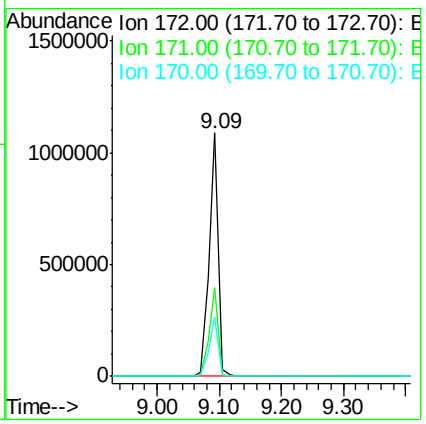


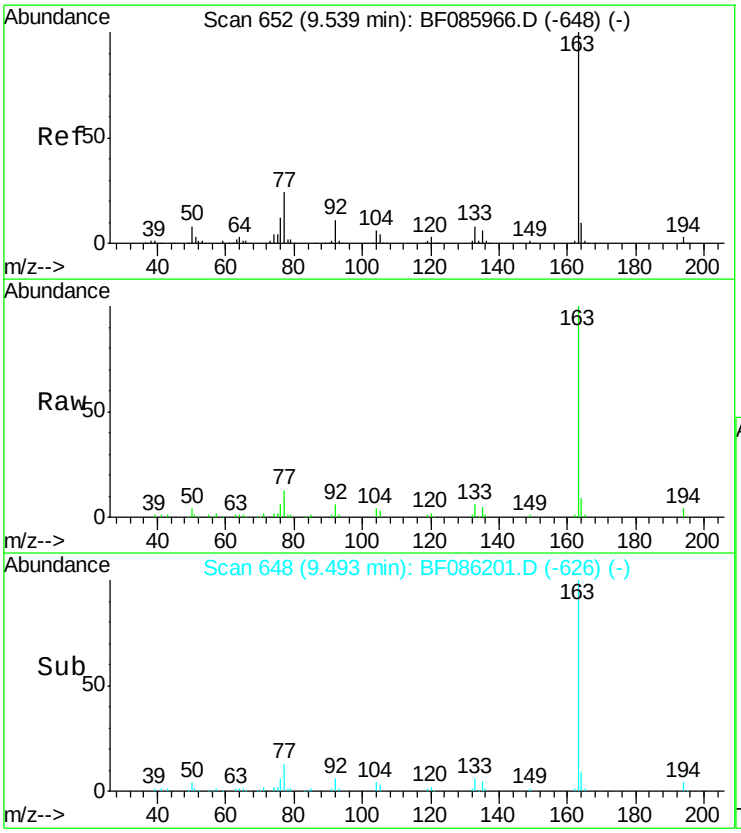
#44
2-Fluorobiphenyl
Concen: 94.41 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:172 Resp: 1090999

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.4	19.8	29.6

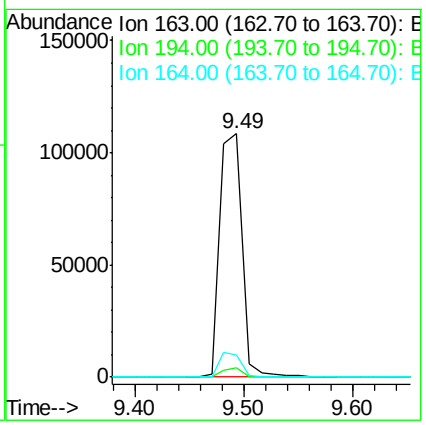


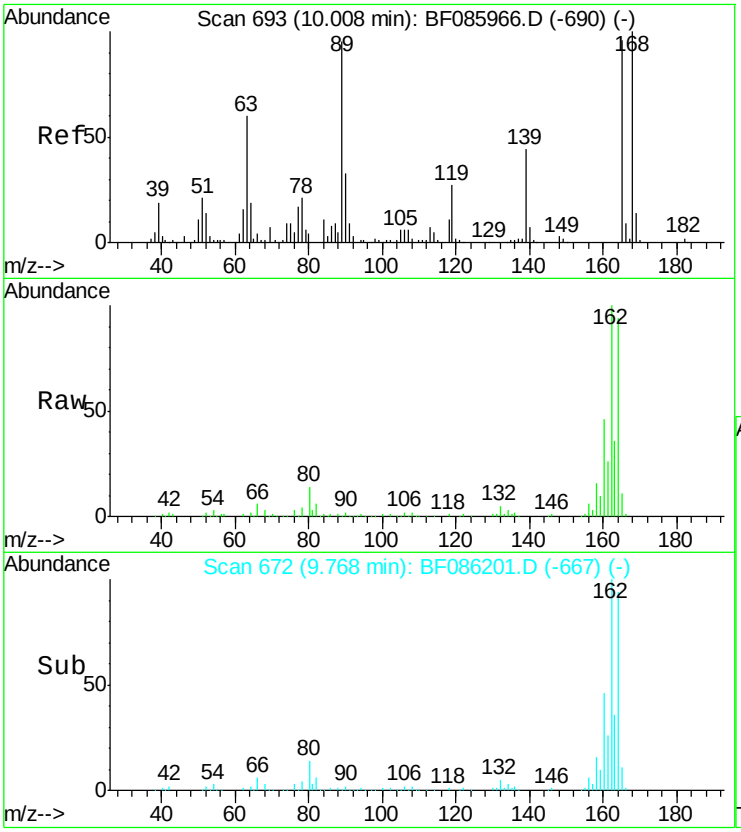


#49
Dimethylphthalate
Concen: 10.80 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:163 Resp: 153788

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.4	8.3	12.5



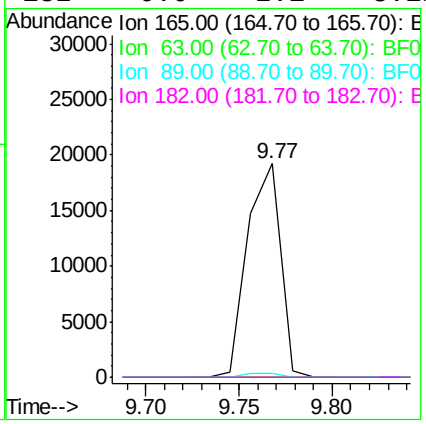


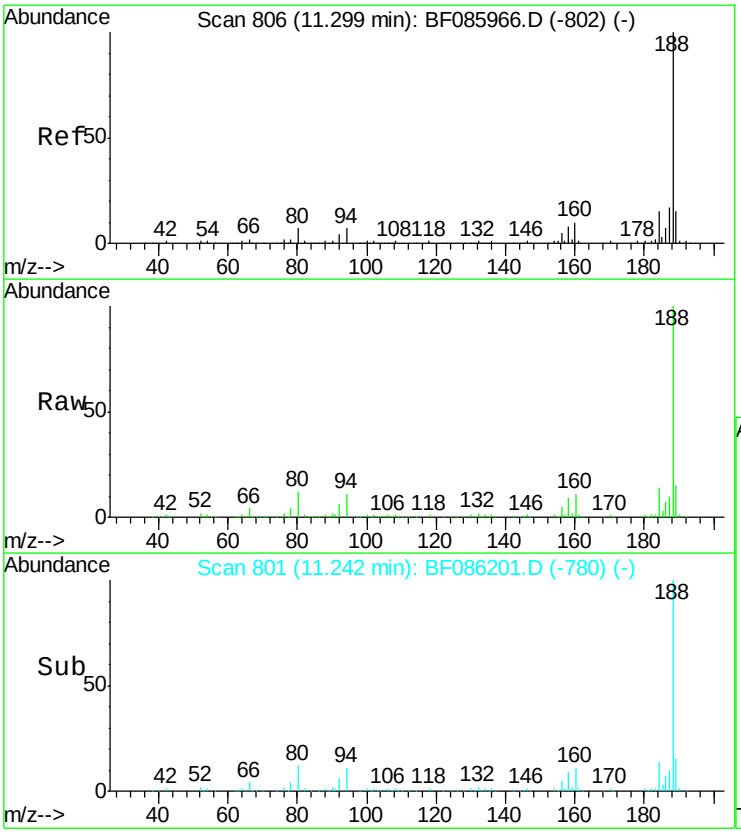
#56
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.24 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:165 Resp: 23966

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.1	41.0	61.6#
182	0.0	2.1	3.1#

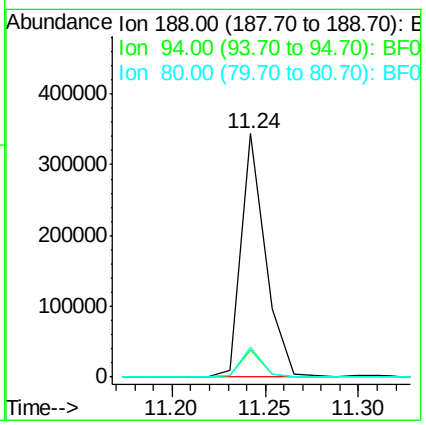


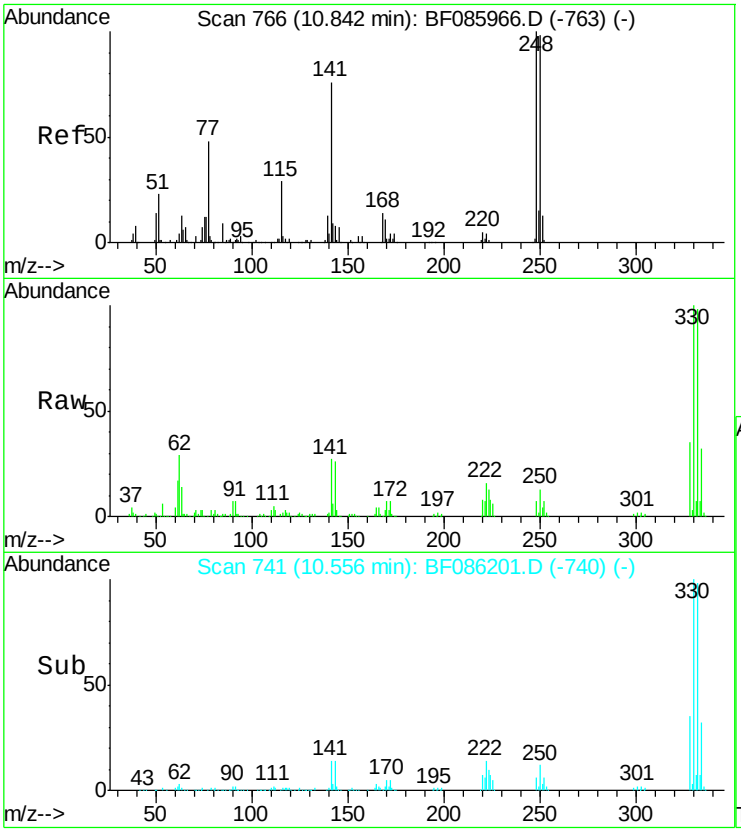


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:188 Resp: 314484

Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.4	8.0#
80	12.3	5.5	8.3#



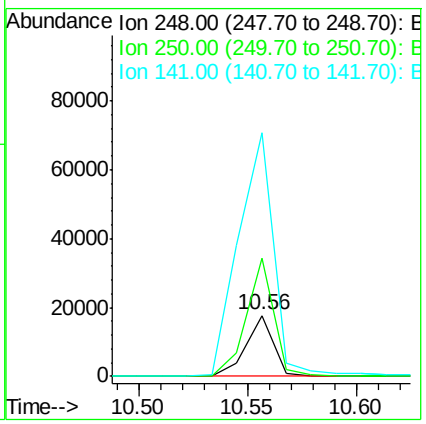


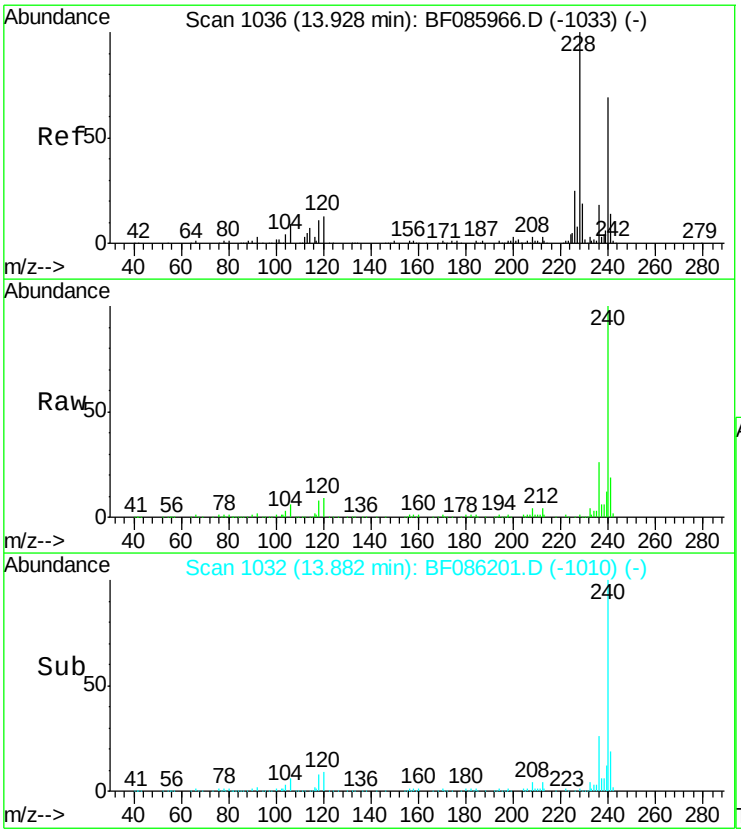
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:248 Resp: 15338

Ion	Ratio	Lower	Upper
248	100		
250	195.0	77.4	116.0#
141	401.6	63.6	95.4#

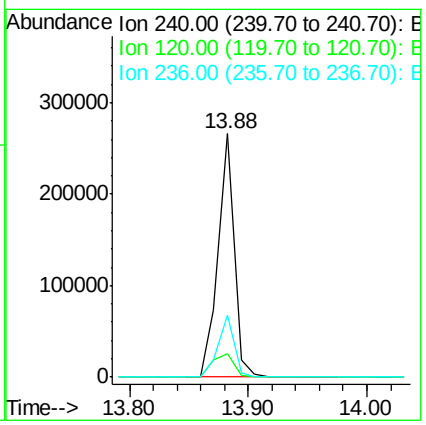


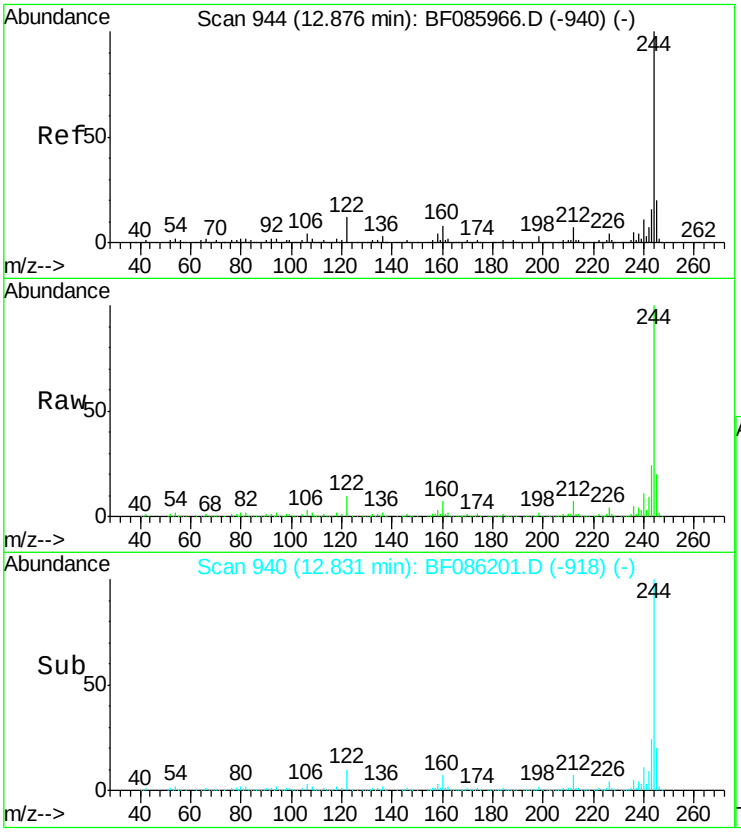


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:240 Resp: 250288

Ion	Ratio	Lower	Upper
240	100		
120	9.5	13.8	20.8#
236	25.6	20.6	30.8



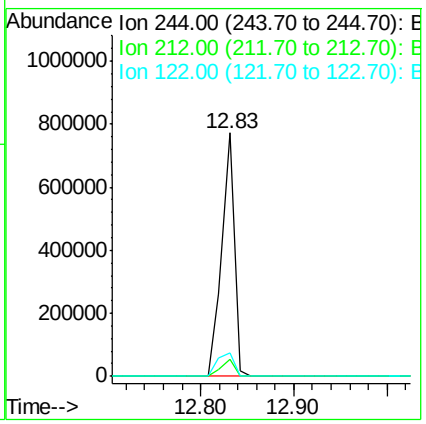


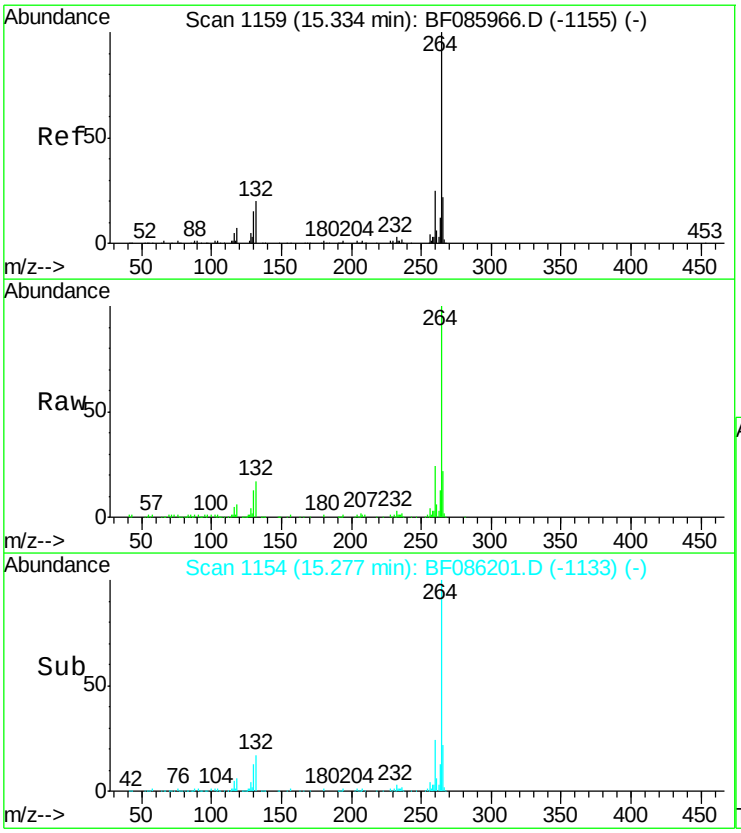
#78
Terphenyl-d14
Concen: 68.28 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-02(0.5-20.0)

Tgt Ion:244 Resp: 727025

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	9.7	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086201.D
Acq: 9 Apr 2016 6:42

Tgt Ion:264 Resp: 196181

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.2	25.8