Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086182.D
Acq On : 8 Apr 2016 21:48
Operator : UM/SJ
Sample : H2306-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-04(0.5-20.0)

Quant Time: Apr 08 23:26:58 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	122433	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	504649	20.00	ng		-0.06
38) Acenaphthene-d10	9.76	164	238117	20.00	ng		-0.06
63) Phenanthrene-d10	11.24	188	457939	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	350943	20.00	ng		-0.05
86) Perylene-d12	15.28	264	247587	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	934908	130.52	ng		-0.03
7) Phenol-d6	6.37	99	1087997	119.59	ng		-0.05
23) Nitrobenzene-d5	7.30	82	761391	88.97	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	297833	133.26	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1258532	87.88	ng		-0.05
78) Terphenyl-d14	12.83	244	1052226	70.48	ng		-0.05
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	20940	4.28	ng		86
19) n-Nitroso-di-n-propylamine	7.30	70	99381	17.62	ng	#	77
25) Isophorone	7.30	82	760707	45.03	ng	#	68
49) Dimethylphthalate	9.48	163	129430	7.33	ng		99
56) 2,4-Dinitrotoluene	9.76	165	30095	6.38	ng	#	36
66) 4-Bromophenyl-phenylether	10.56	248	19754	4.23	ng	#	1
76) Benzidine	12.59	184	28332	2.29	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 8 Apr 2016 21:48
Operator : UM/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

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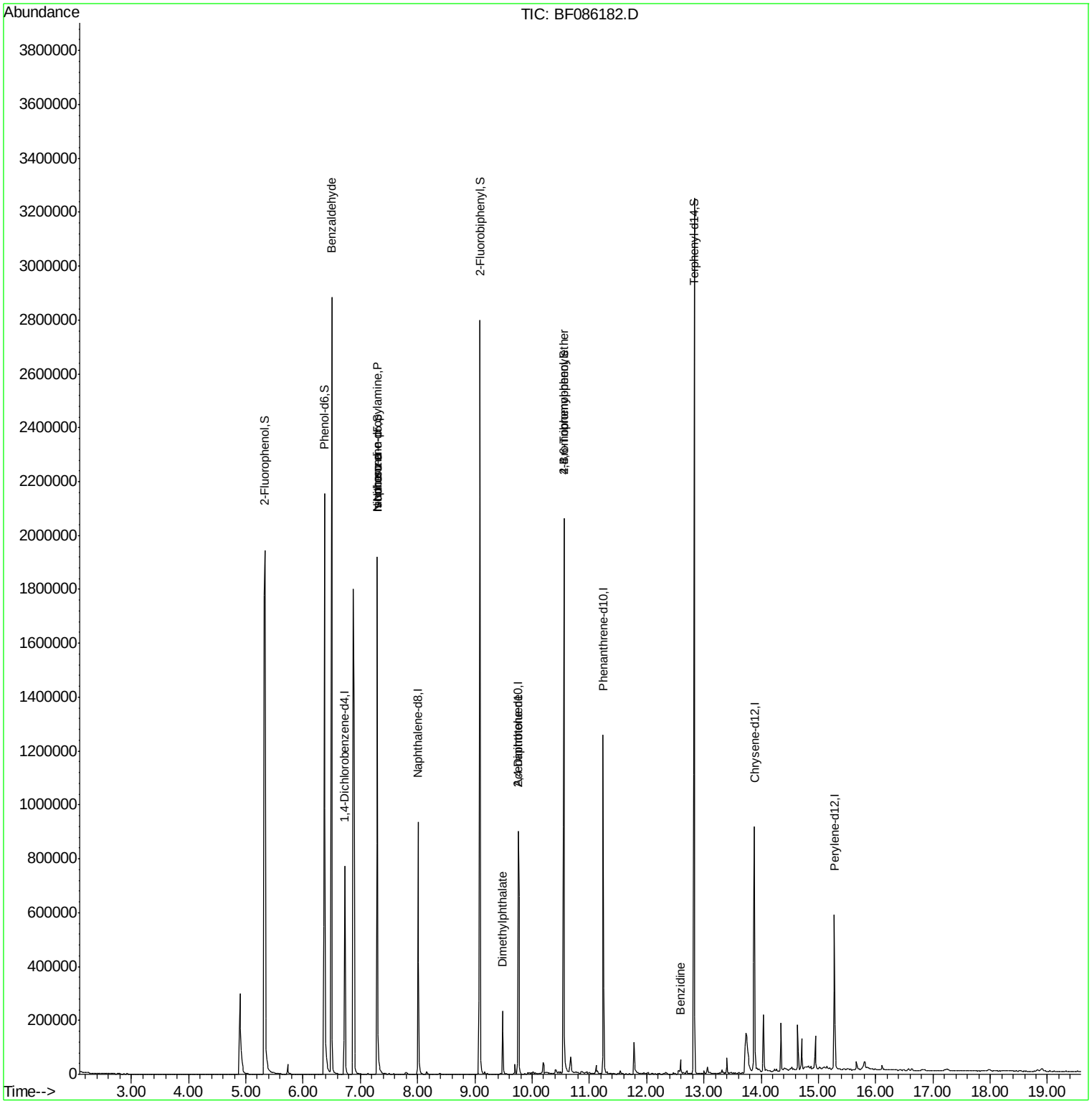
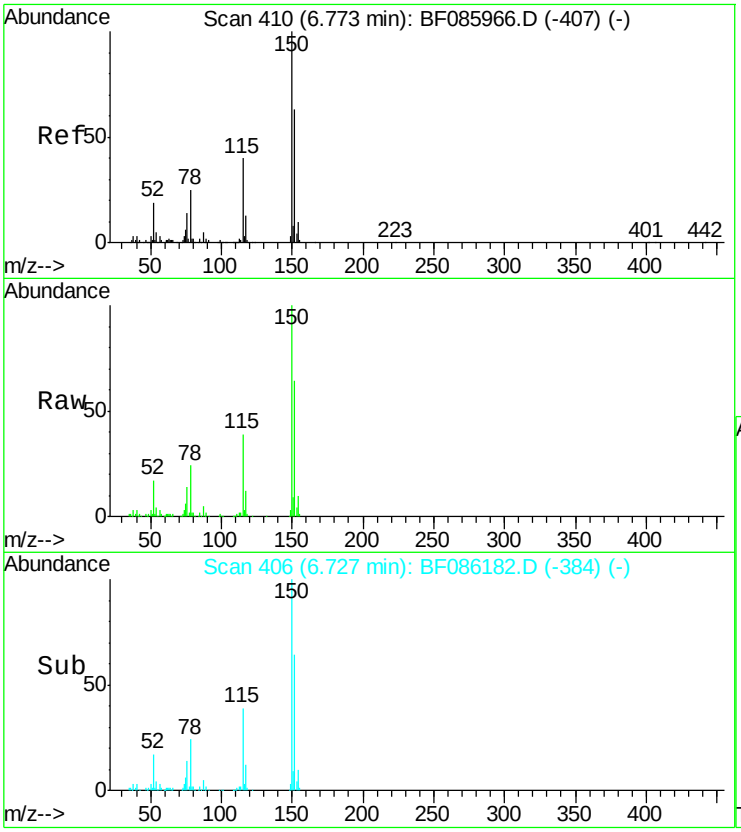


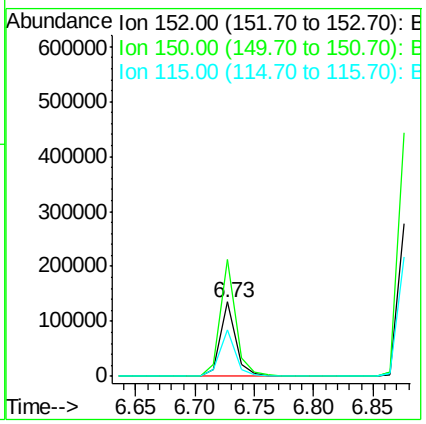


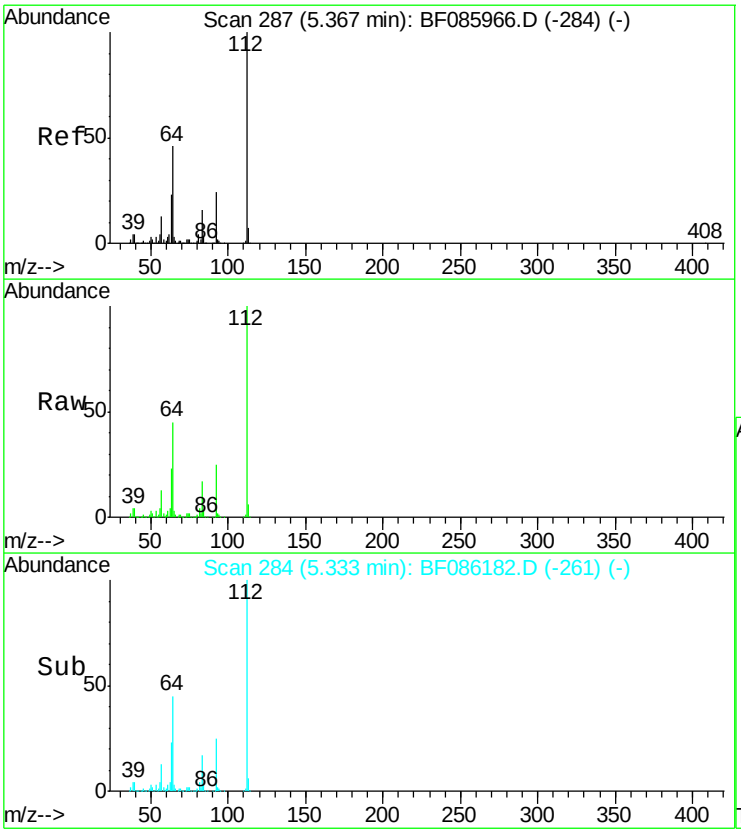
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:152 Resp: 122433

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	61.8	47.0	70.6

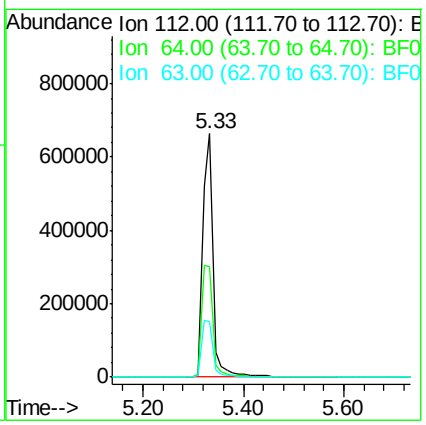


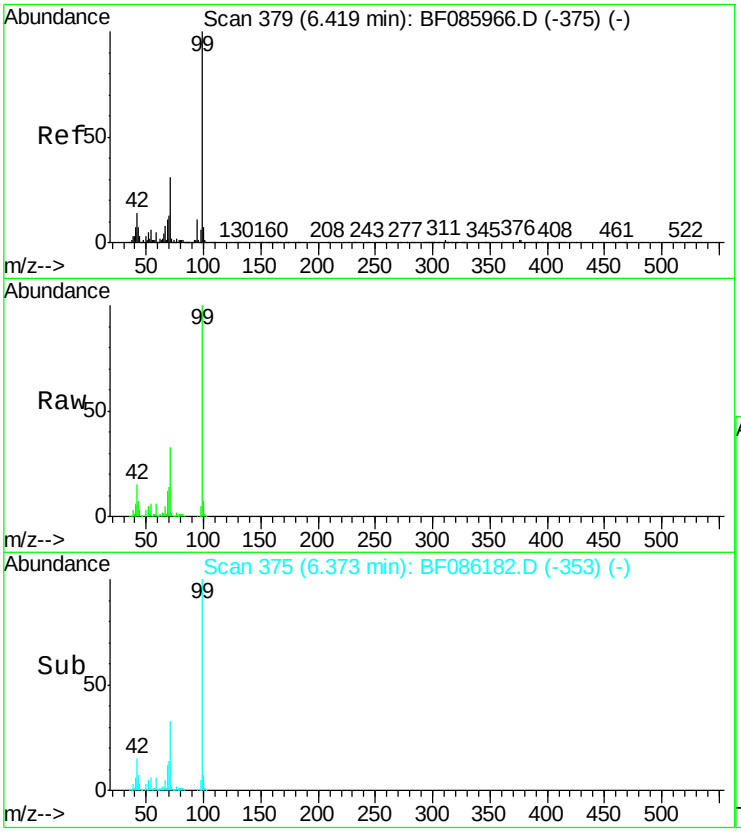


#5
2-Fluorophenol
Concen: 130.52 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:112 Resp: 934908

Ion	Ratio	Lower	Upper
112	100		
64	45.4	39.9	59.9
63	23.0	20.2	30.2



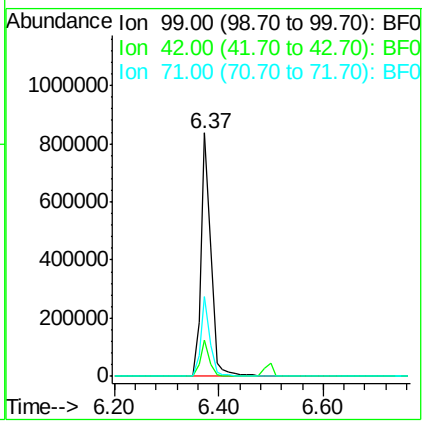


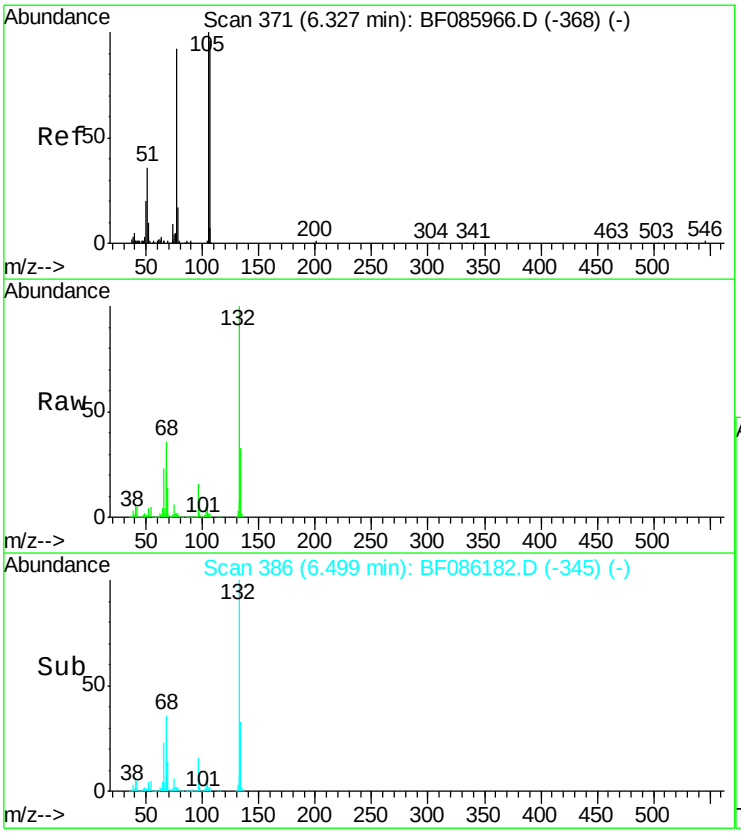
#7
Phenol-d6
Concen: 119.59 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion: 99 Resp: 1087997

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.1	16.7
71	32.9	24.9	37.3

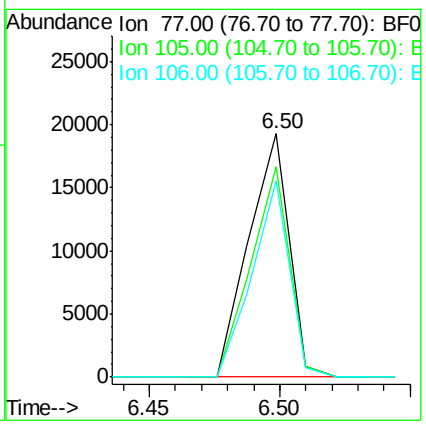


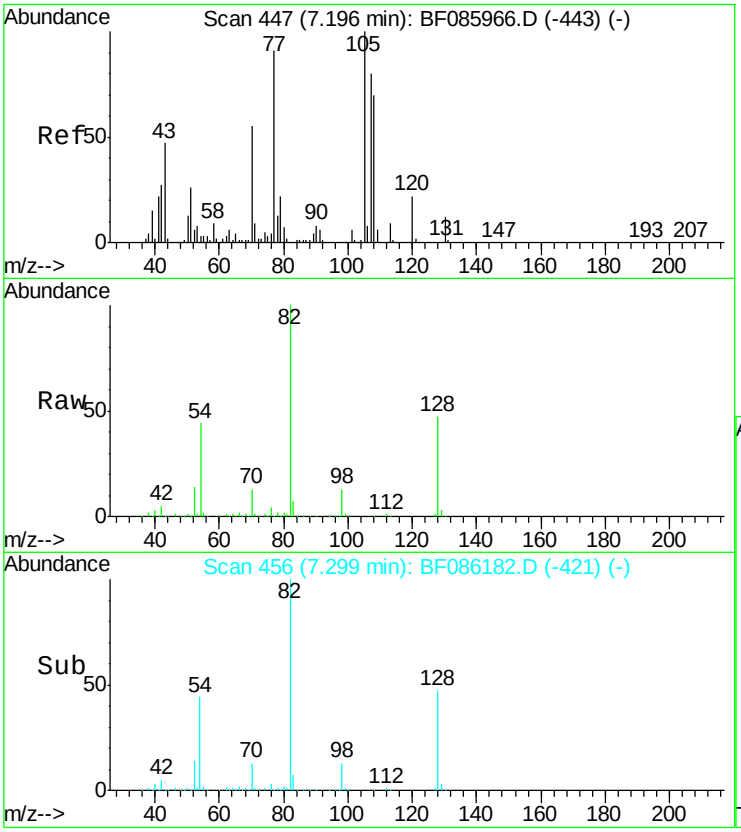


#9
Benzaldehyde
Concen: 4.28 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.17 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion: 77 Resp: 20940

Ion	Ratio	Lower	Upper
77	100		
105	86.5	80.1	120.1
106	80.9	75.0	115.0



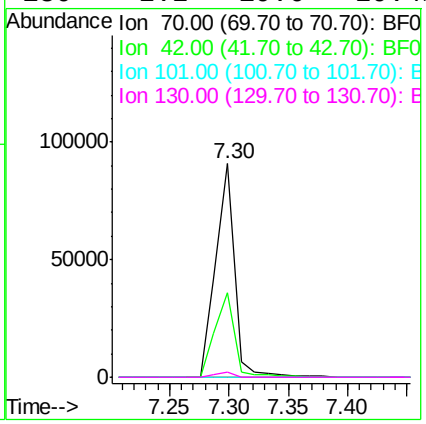


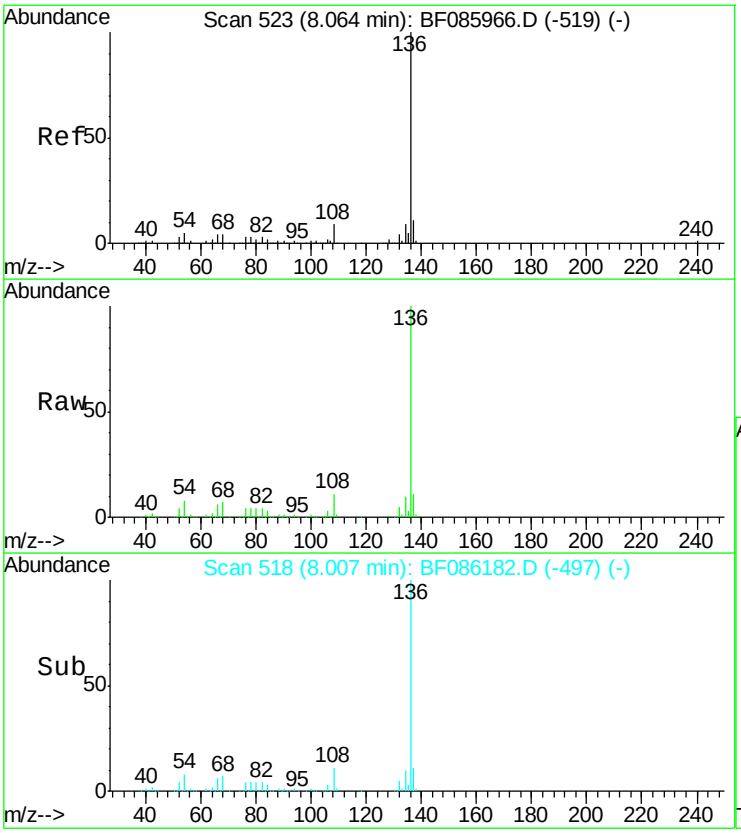
#19
n-Nitroso-di-n-propylamine
Concen: 17.62 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion: 70 Resp: 99381

Ion	Ratio	Lower	Upper
70	100		
42	39.5	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

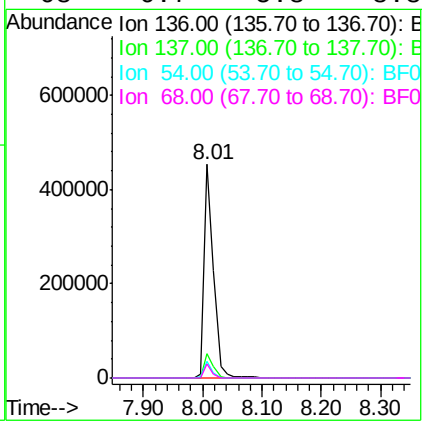


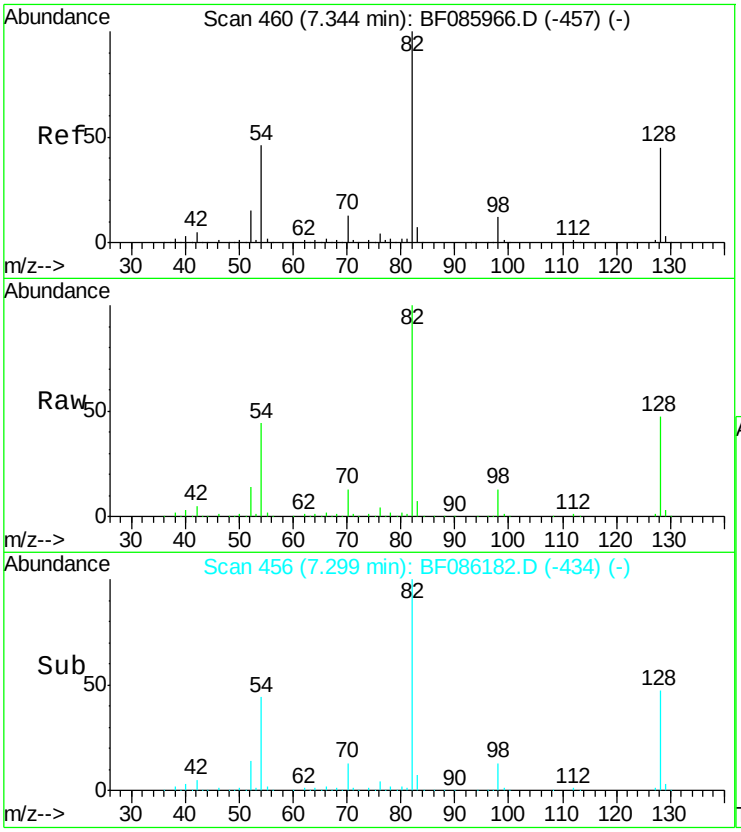


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:136 Resp: 504649

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	7.4	11.0
68	6.7	5.8	8.8



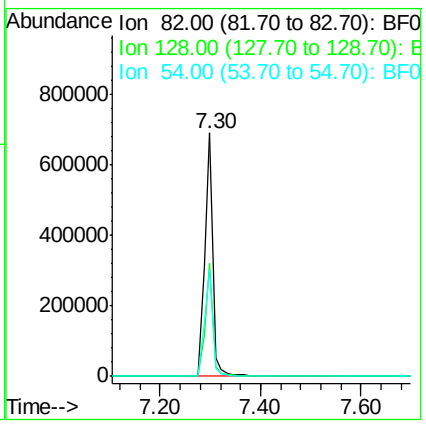


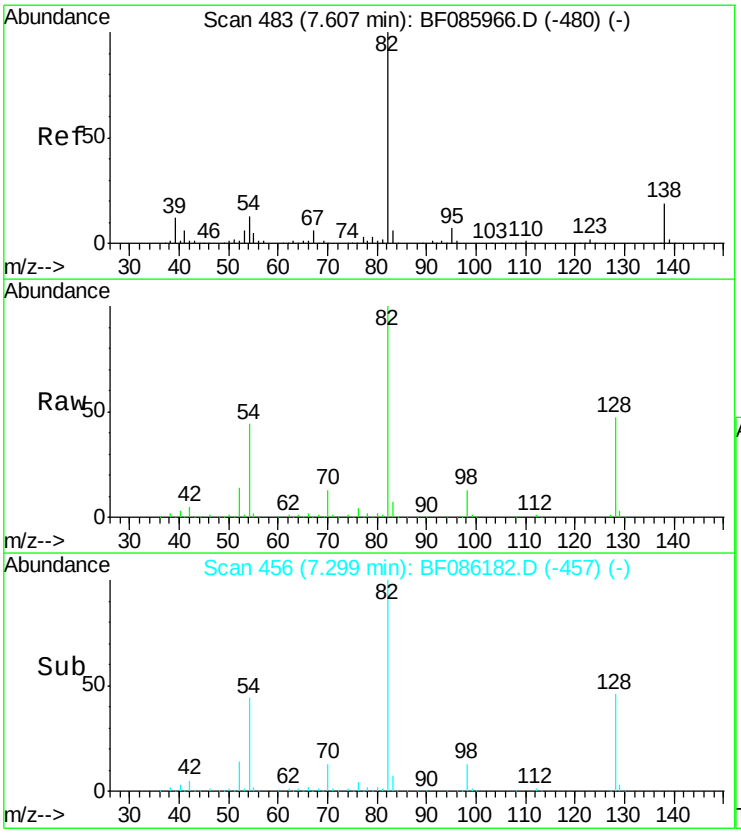
#23
Nitrobenzene-d5
Concen: 88.97 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion: 82 Resp: 761391

Ion	Ratio	Lower	Upper
82	100		
128	46.5	41.8	62.8
54	43.9	33.4	50.0

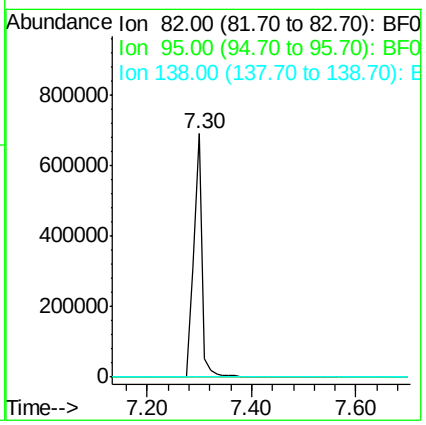


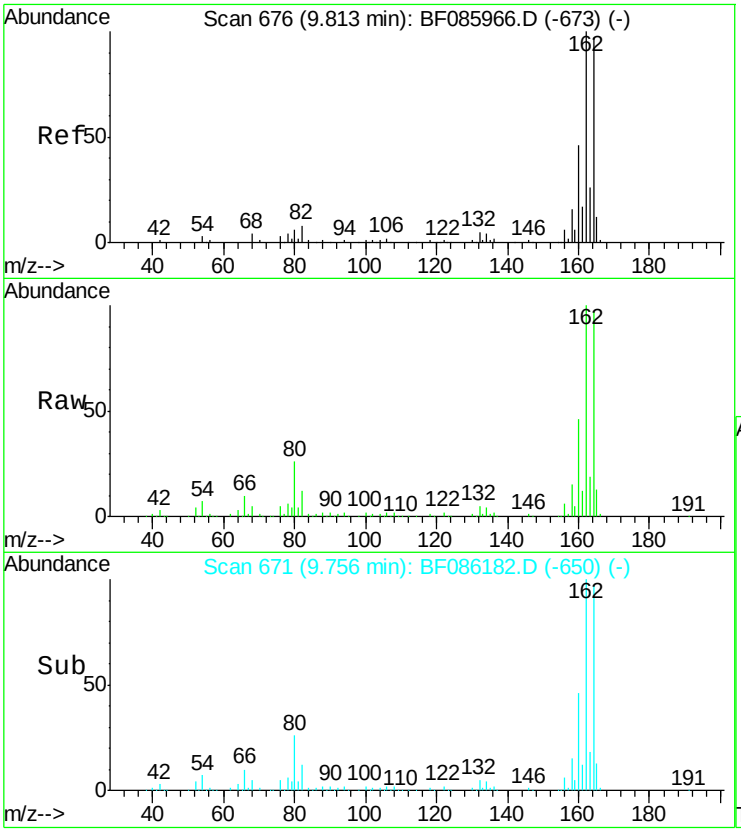


#25
Isophorone
Concen: 45.03 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.31 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion: 82 Resp: 760707

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



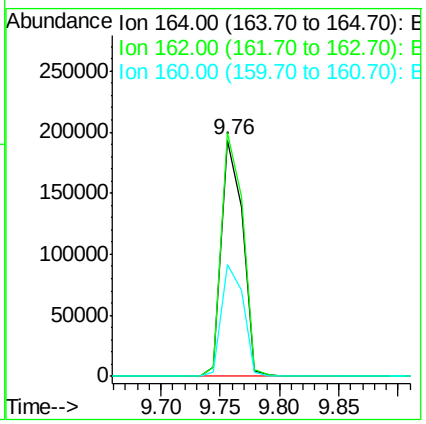


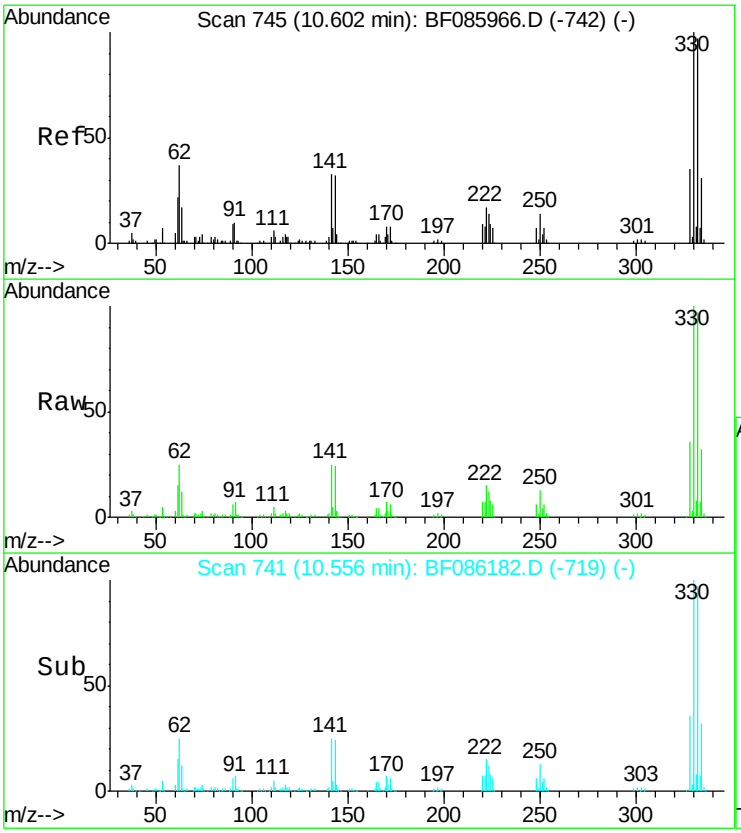
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:164 Resp: 238117

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	47.6	37.4	56.2

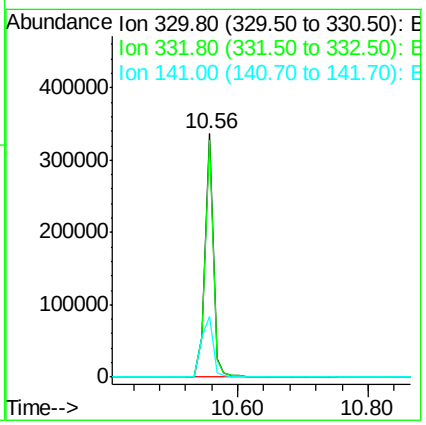


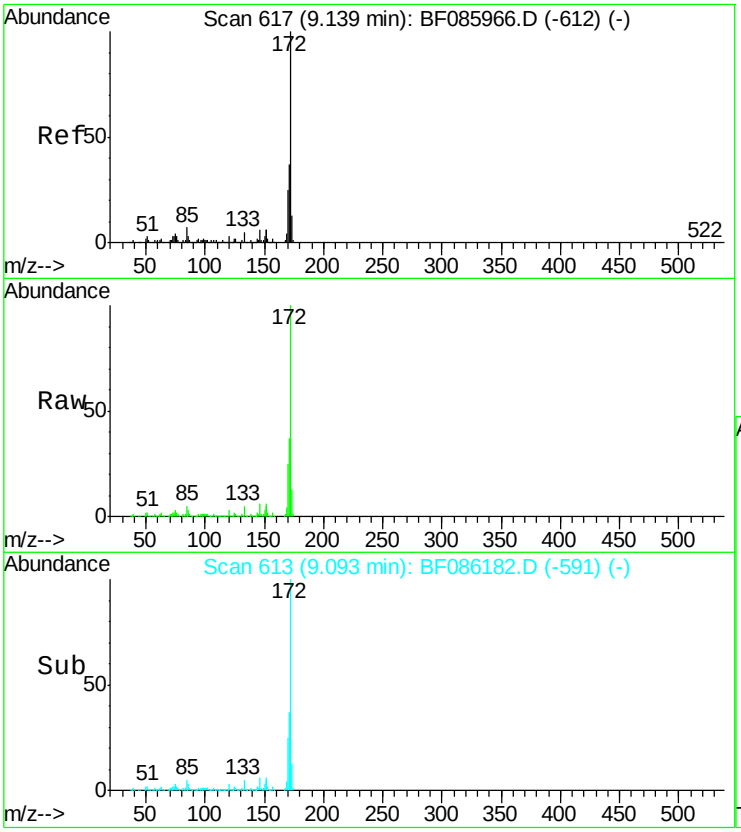


#41
2,4,6-Tribromophenol
Concen: 133.26 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:330 Resp: 297833

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	35.1	31.5	47.3



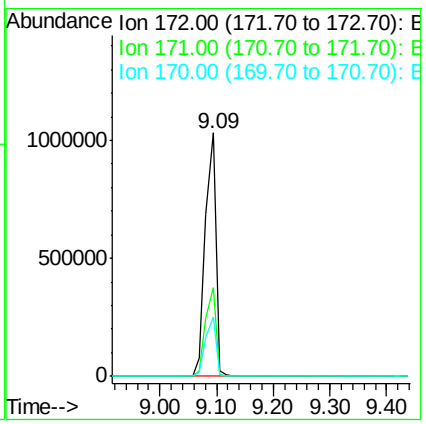


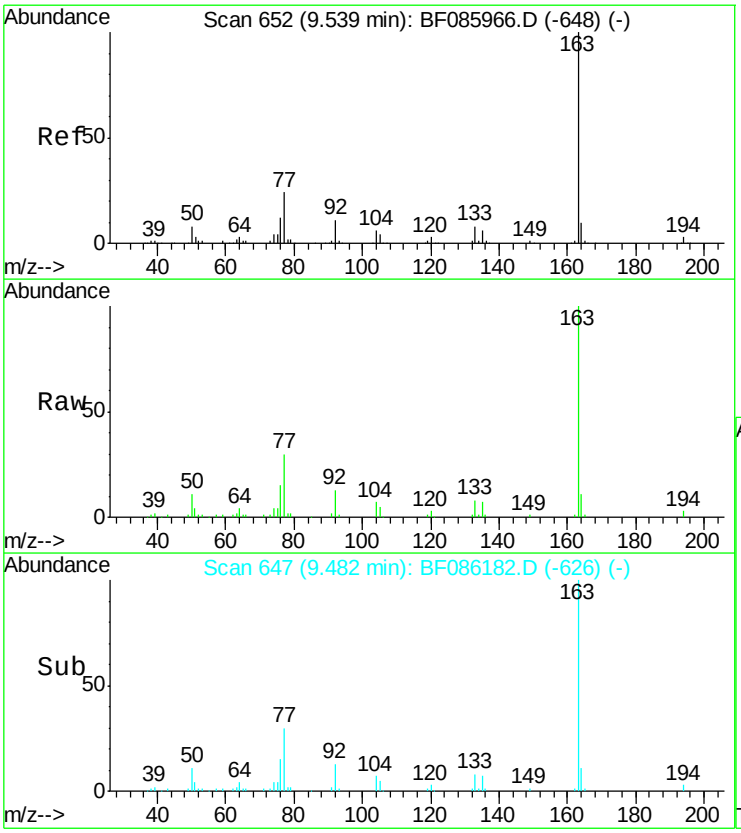
#44
2-Fluorobiphenyl
Concen: 87.88 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:172 Resp: 1258532

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6

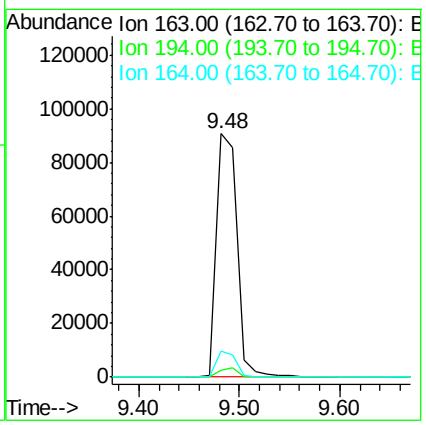


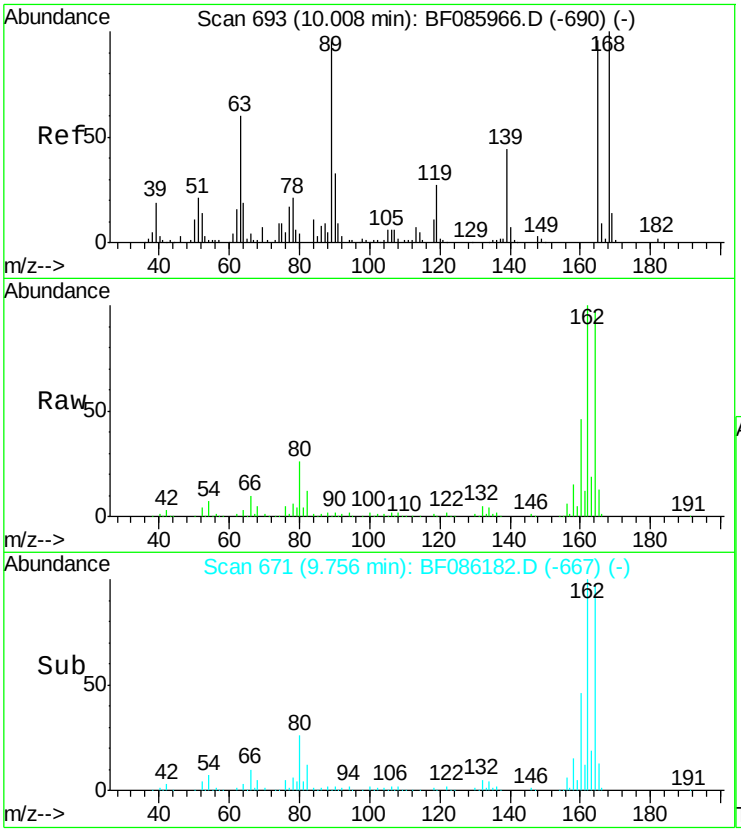


#49
Dimethylphthalate
Concen: 7.33 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:163 Resp: 129430

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.7	8.3	12.5



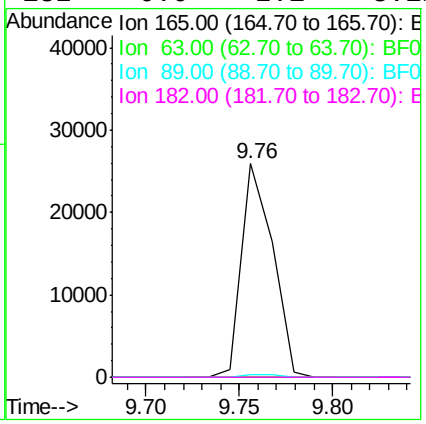


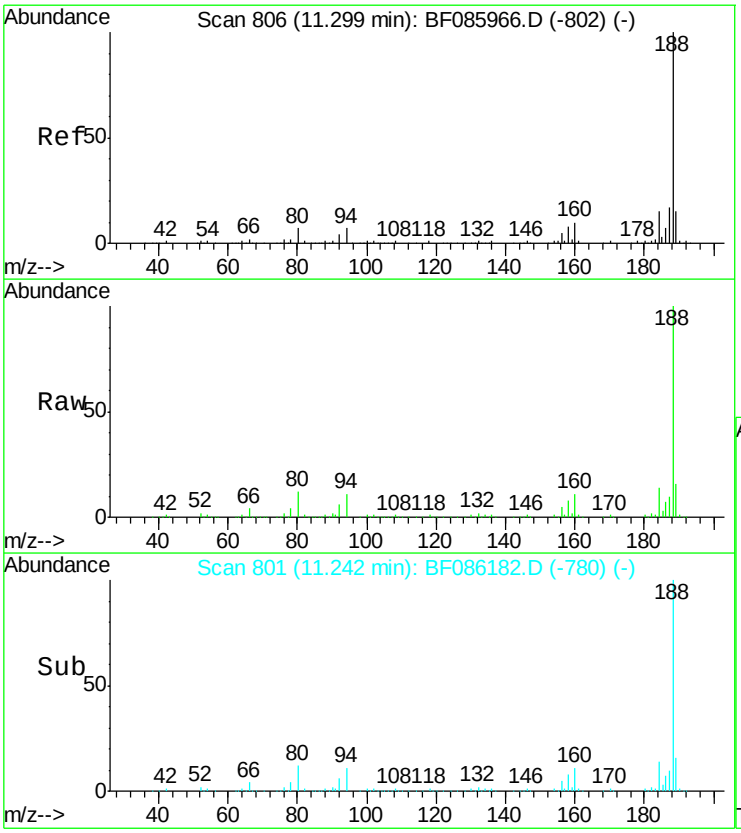
#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:165 Resp: 30095

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

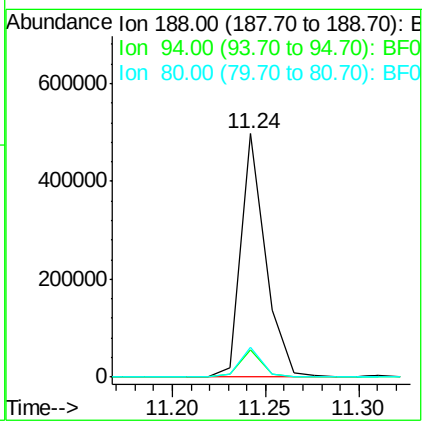


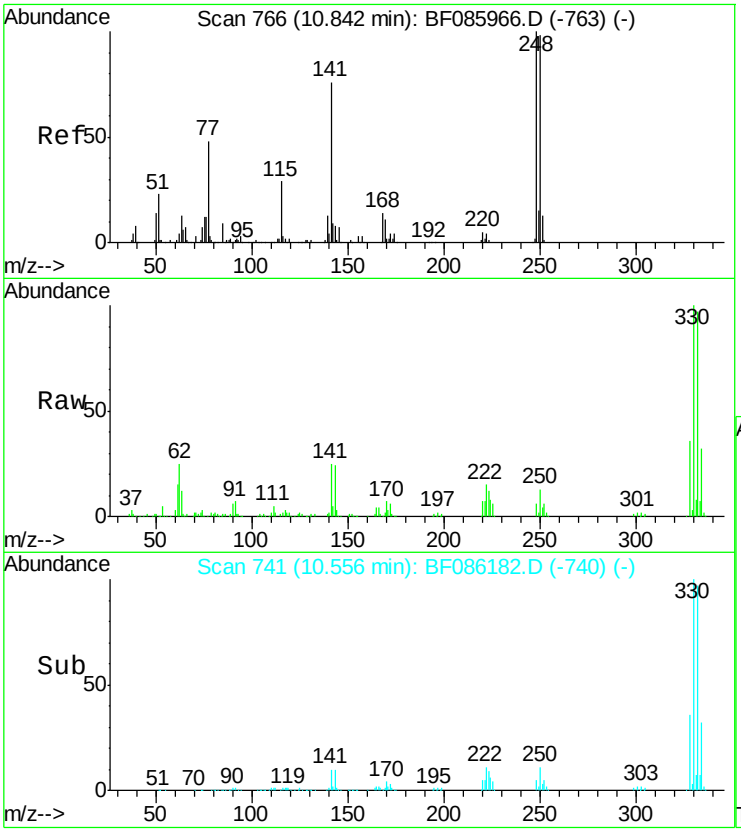


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:188 Resp: 457939

Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.4	8.0#
80	12.1	5.5	8.3#



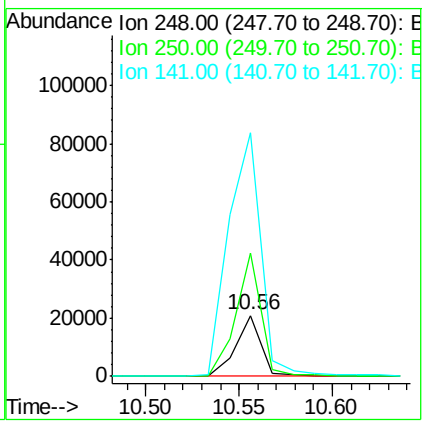


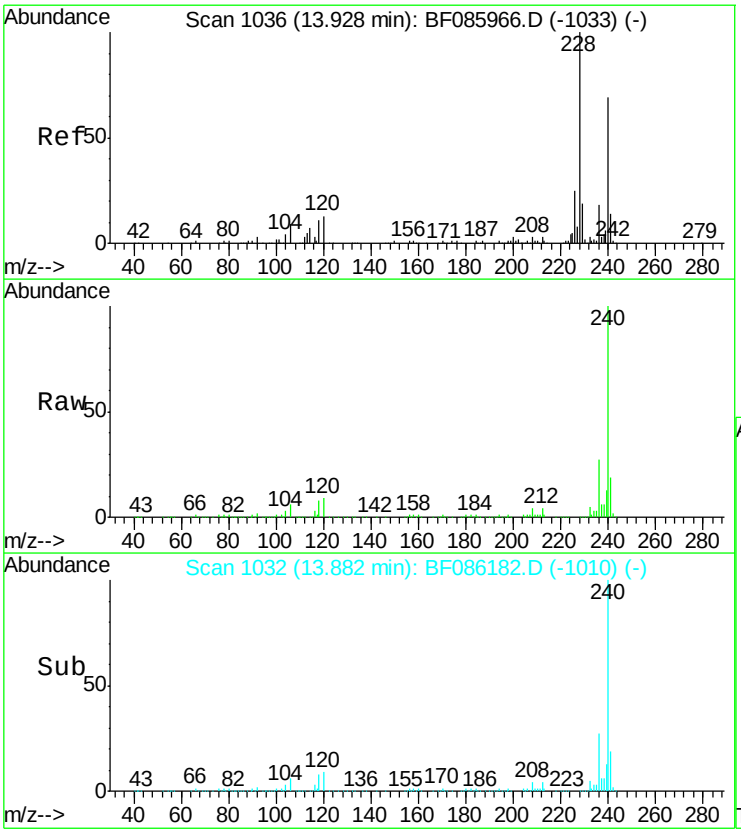
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.29 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:248 Resp: 19754

Ion	Ratio	Lower	Upper
248	100		
250	202.2	77.4	116.0#
141	397.9	63.6	95.4#

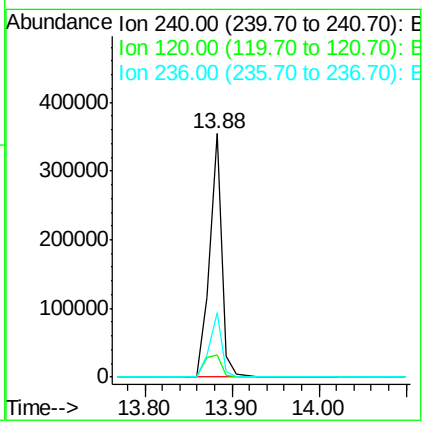


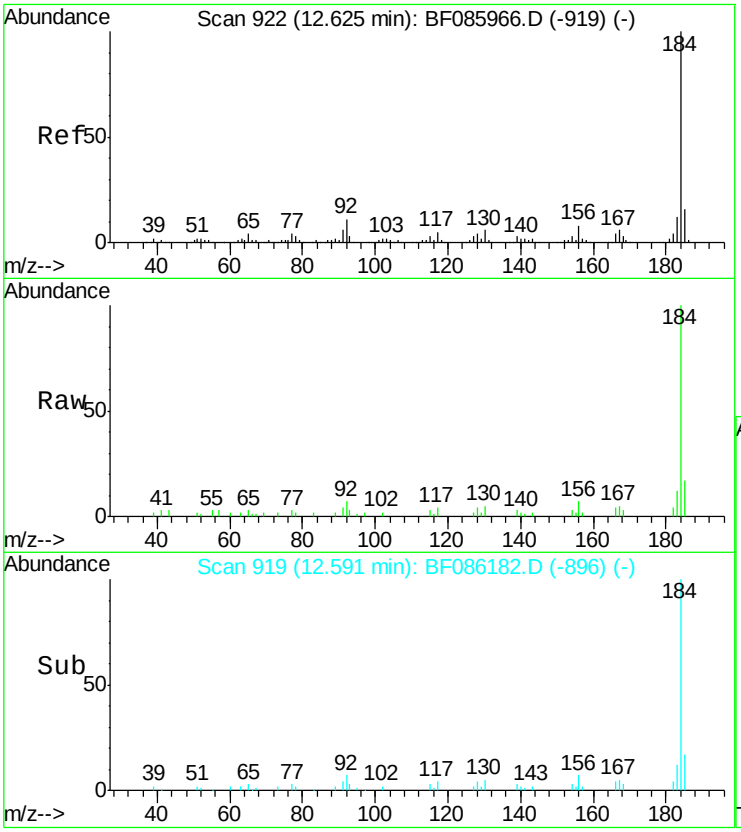


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:240 Resp: 350943

Ion	Ratio	Lower	Upper
240	100		
120	9.3	13.8	20.8#
236	26.5	20.6	30.8



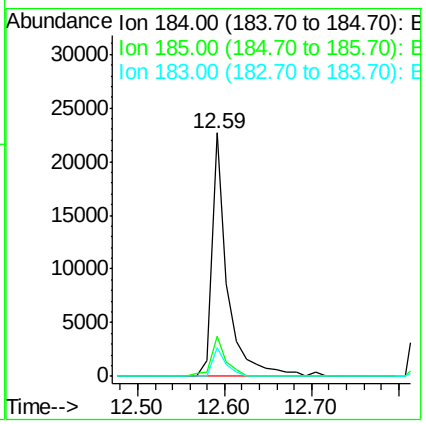


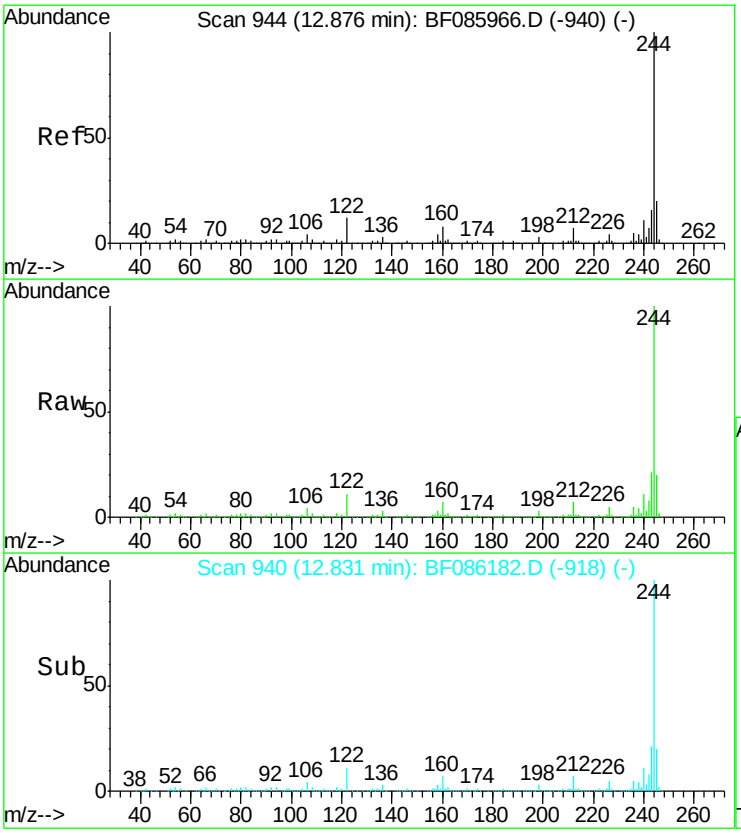
#76
Benzidine
Concen: 2.29 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:184 Resp: 28332

Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.4	18.6
183	11.9	9.4	14.2

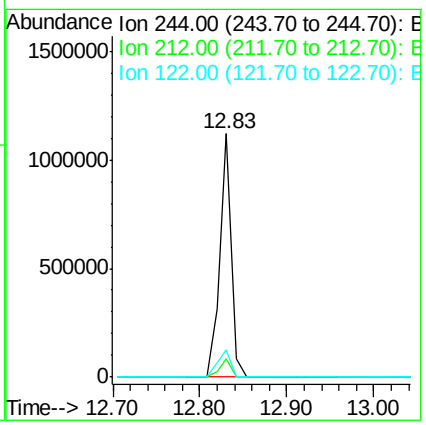


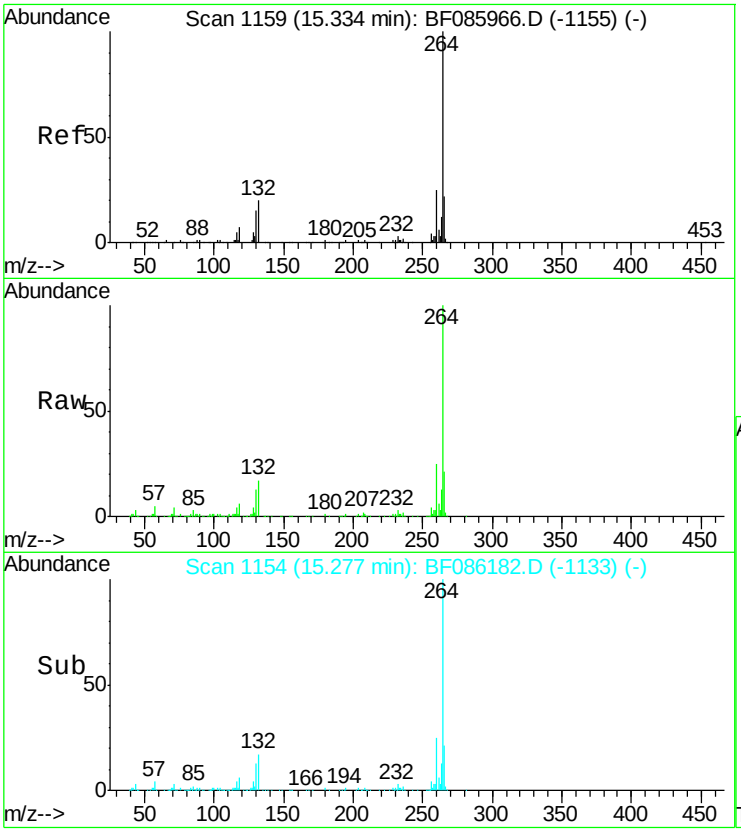


#78
Terphenyl-d14
Concen: 70.48 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086182.D
Acq: 8 Apr 2016 21:48

Tgt Ion:244 Resp: 1052226

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.1	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: BF086182.D
Acq: 8 Apr 2016 21:48

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-04(0.5-20.0)

Tgt Ion:264 Resp: 247587

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.7	17.2	25.8