Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040416\
Data File : BF086078.D
Acq On : 5 Apr 2016 11:34
Operator : UM/SJ
Sample : H2027-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRID-18COMP

Quant Time: Apr 05 12:52:57 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	6.76	152	119506	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	426338	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	184449	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	291916	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	224779	20.00	ng		-0.01
86) Perylene-d12	15.32	264	174381	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	932426	133.37	ng		0.01
7) Phenol-d6	6.42	99	1094447	123.24	ng		0.00
23) Nitrobenzene-d5	7.33	82	694432	96.06	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	232814	134.48	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1234481	111.28	ng		-0.01
78) Terphenyl-d14	12.87	244	843573	88.22	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	18615	3.90	ng		83
15) Benzyl Alcohol	6.92	79	12182	2.12	ng	#	43
19) n-Nitroso-di-n-propylamine	7.33	70	94755	17.21	ng	#	78
25) Isophorone	7.33	82	689994	48.35	ng	#	68
50) 2,6-Dinitrotoluene	9.80	165	23689	8.19	ng	#	20
56) 2,4-Dinitrotoluene	9.80	165	23690	6.48	ng	#	38
66) 4-Bromophenyl-phenylether	10.59	248	16242	5.45	ng	#	1

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

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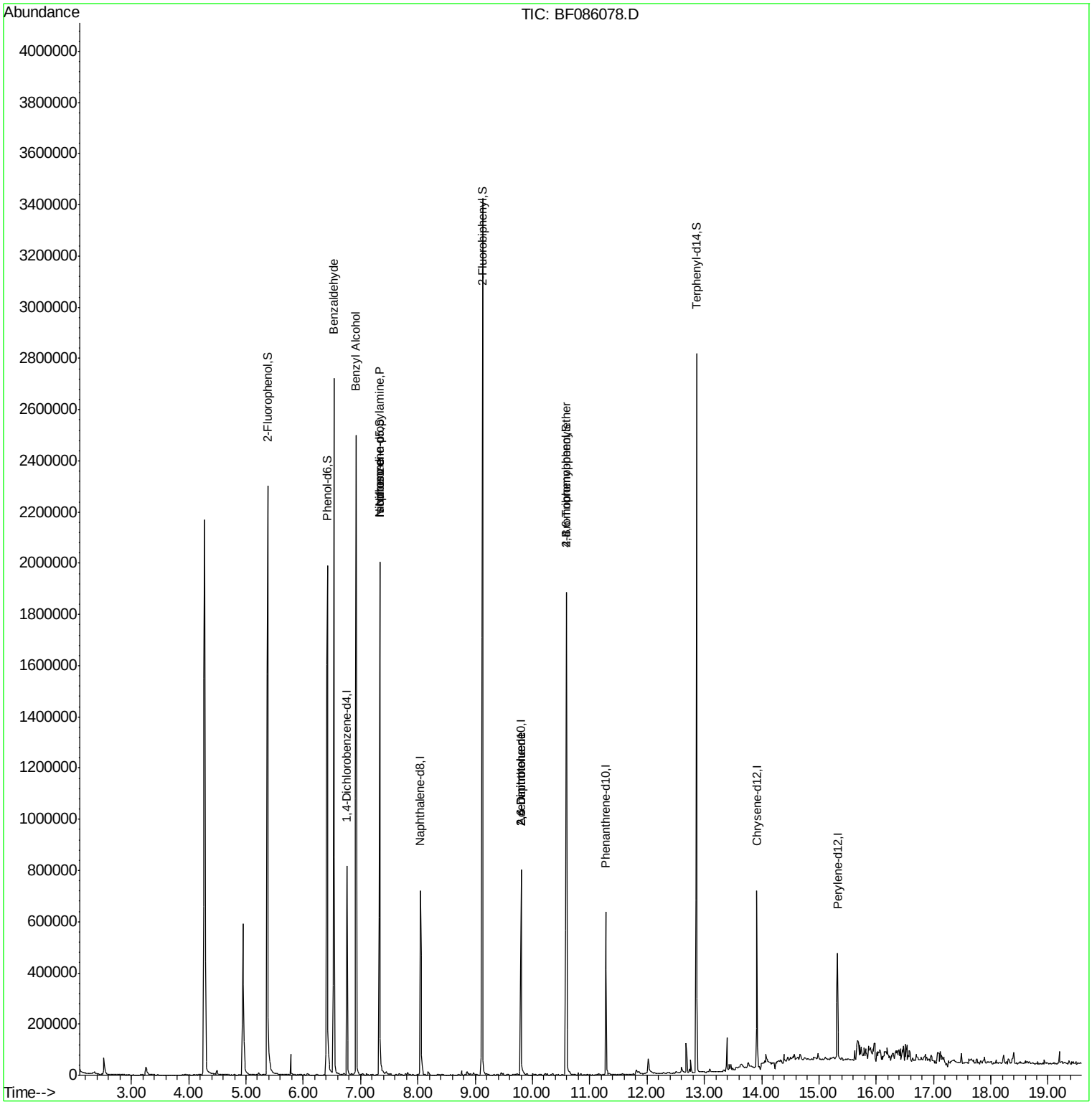
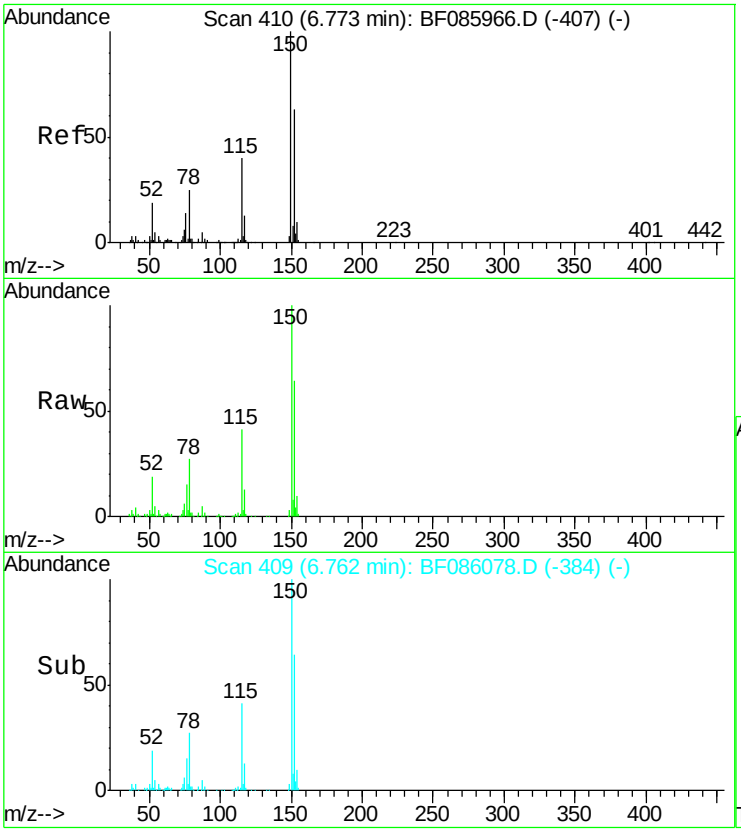


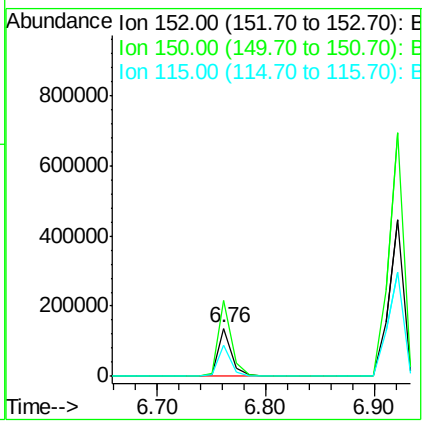


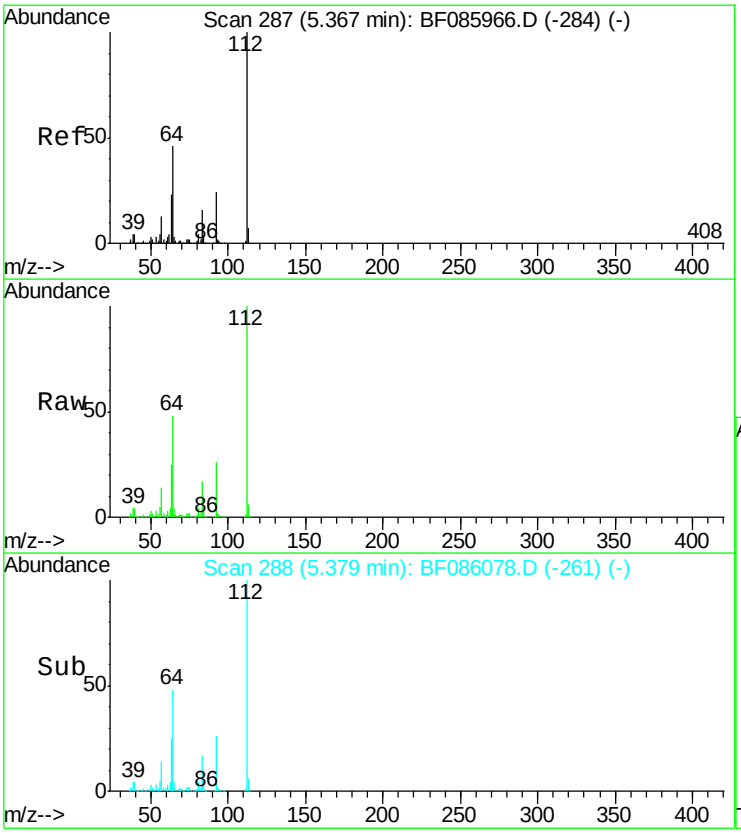
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:152 Resp: 119506

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	63.8	47.0	70.6

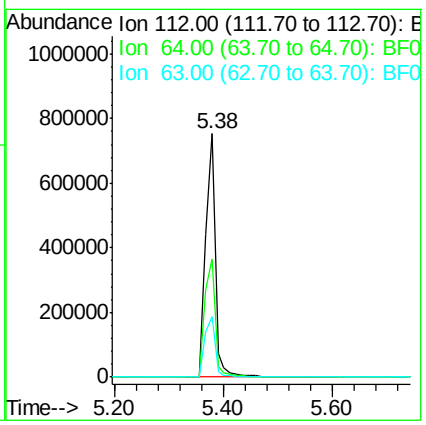


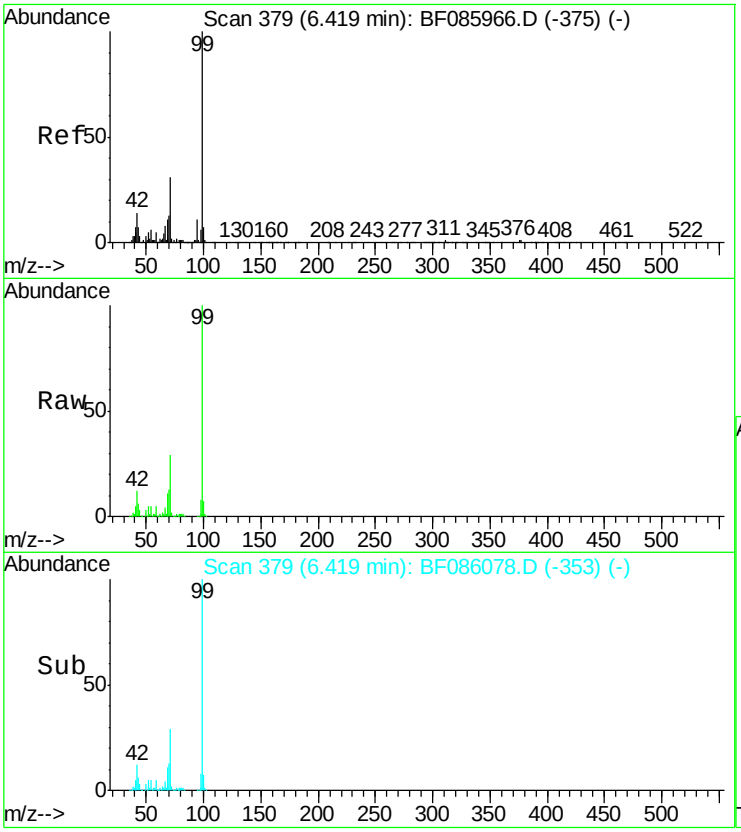


#5
2-Fluorophenol
Concen: 133.37 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:112 Resp: 932426

Ion	Ratio	Lower	Upper
112	100		
64	48.5	39.9	59.9
63	24.7	20.2	30.2



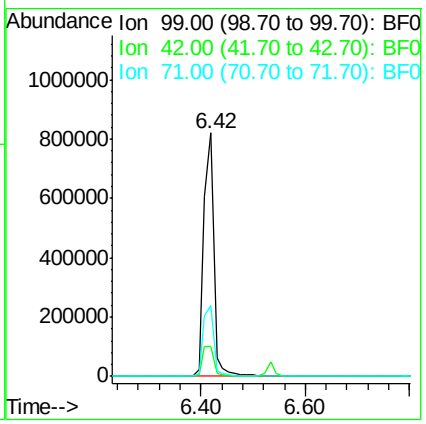


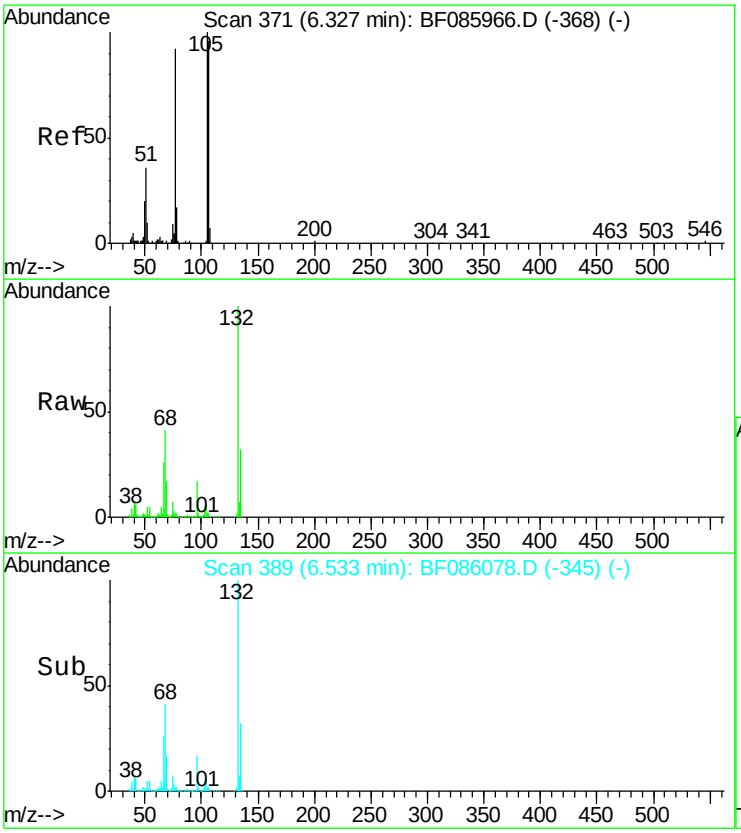
#7
Phenol-d6
Concen: 123.24 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion: 99 Resp: 1094447

Ion	Ratio	Lower	Upper
99	100		
42	12.3	11.1	16.7
71	29.3	24.9	37.3

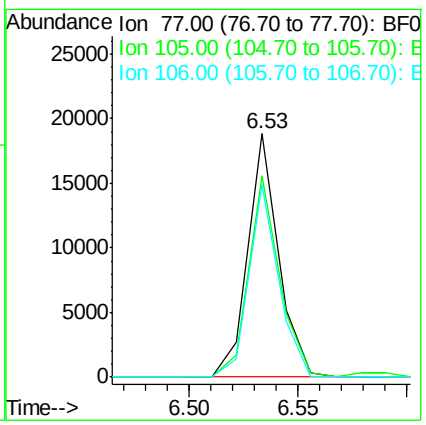


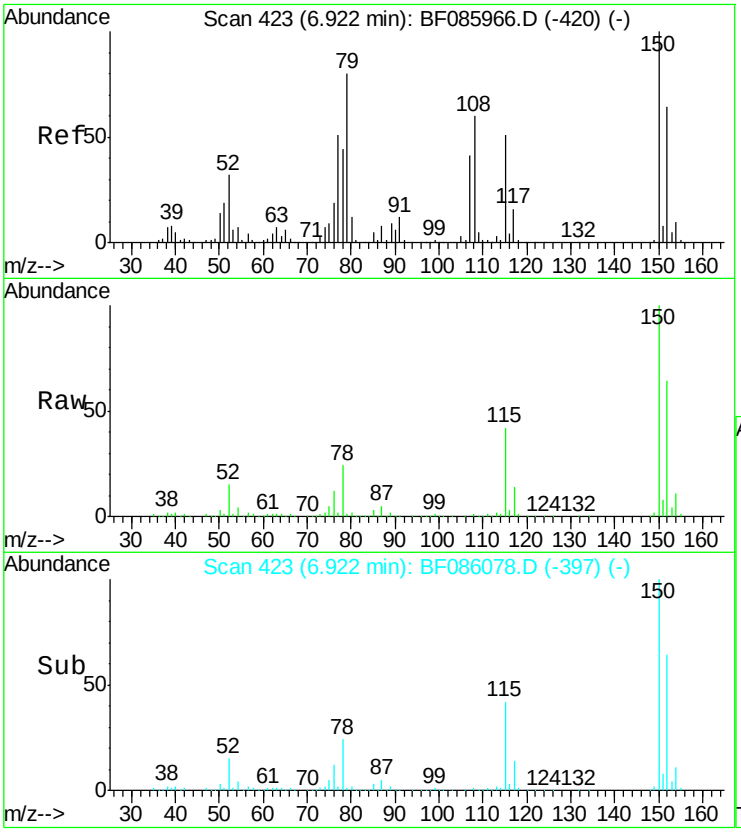


#9
Benzaldehyde
Concen: 3.90 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.21 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion: 77 Resp: 18615

Ion	Ratio	Lower	Upper
77	100		
105	82.9	80.1	120.1
106	78.9	75.0	115.0



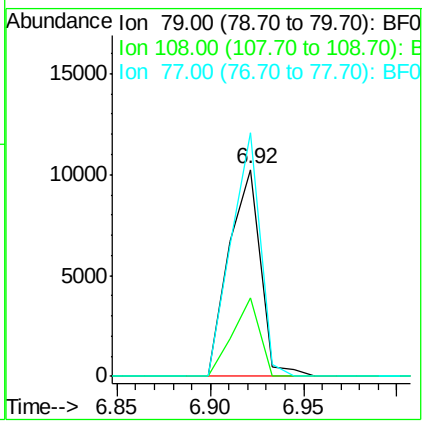


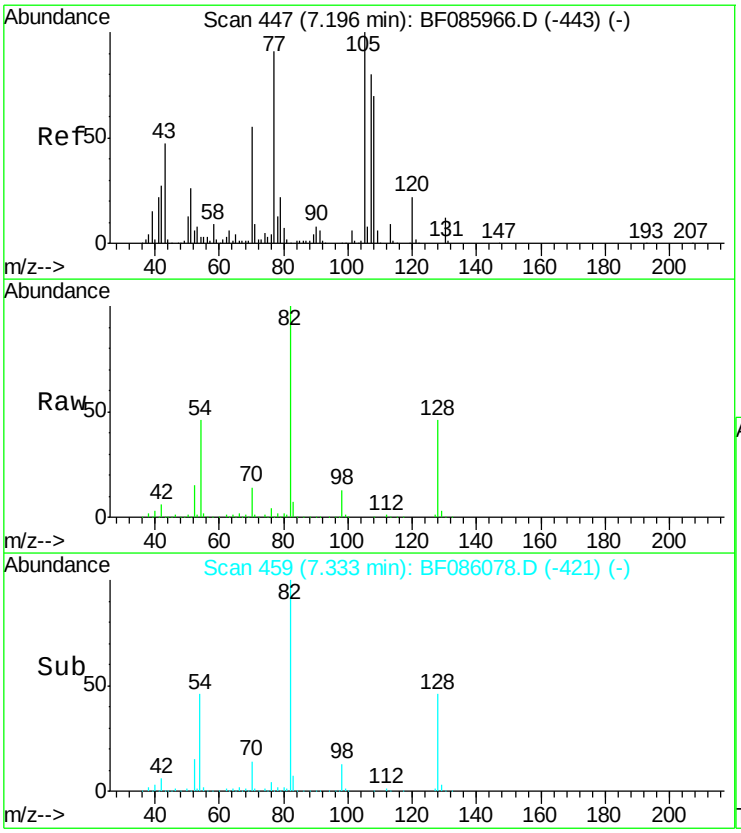
#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion: 79 Resp: 12182

Ion	Ratio	Lower	Upper
79	100		
108	37.9	61.8	92.6#
77	117.7	49.6	74.4#

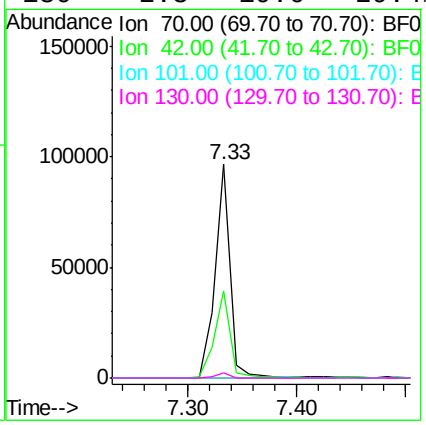


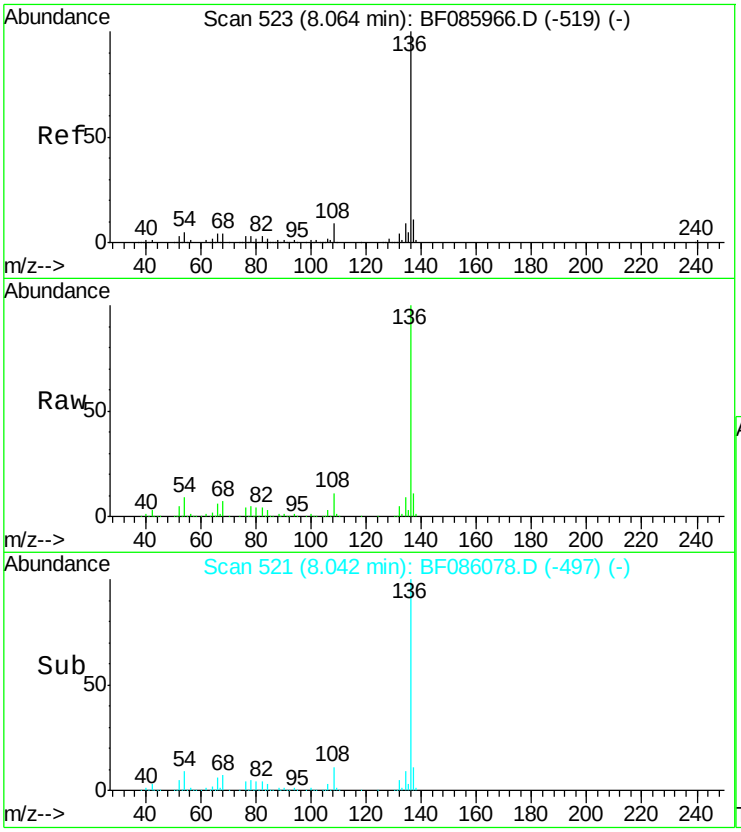


#19
n-Nitroso-di-n-propylamine
Concen: 17.21 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion: 70 Resp: 94755

Ion	Ratio	Lower	Upper
70	100		
42	41.0	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



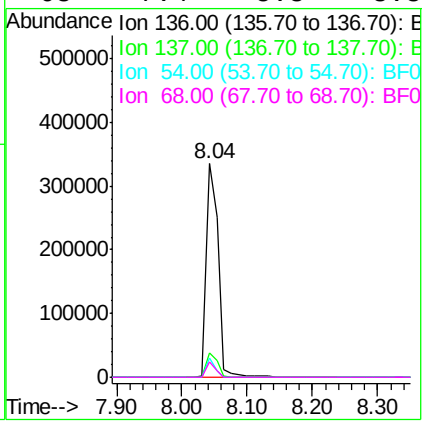


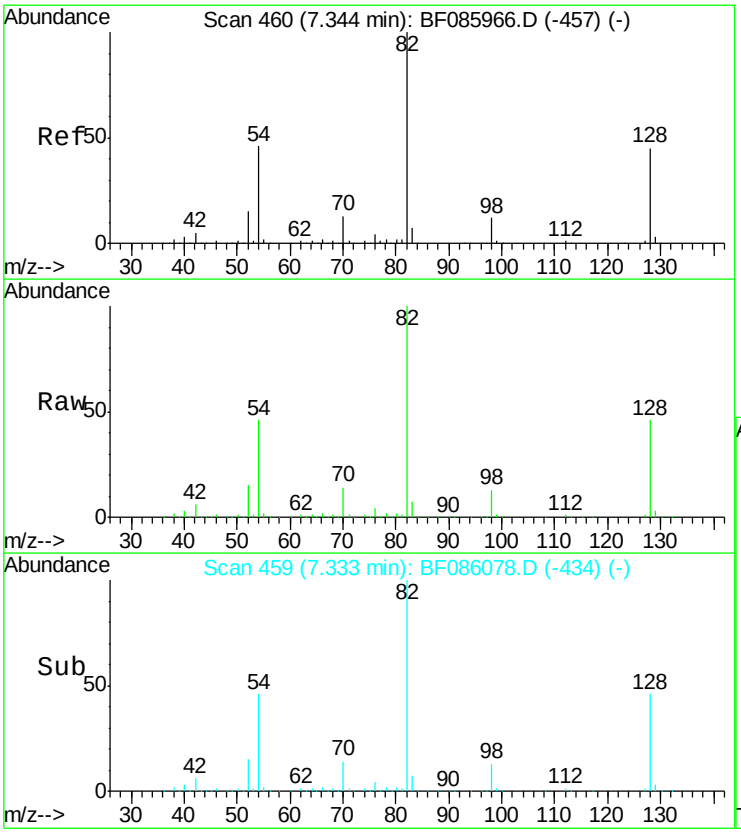
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:136 Resp: 426338

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	7.4	11.0
68	7.4	5.8	8.8

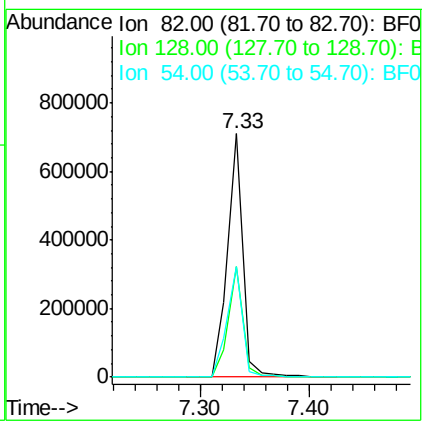


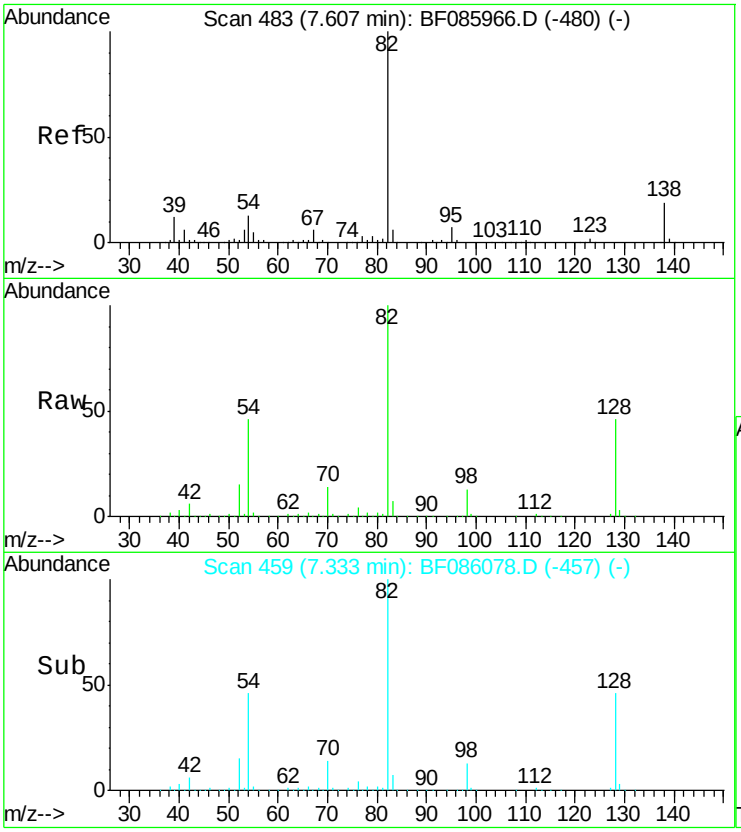


#23
Nitrobenzene-d5
Concen: 96.06 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion: 82 Resp: 694432

Ion	Ratio	Lower	Upper
82	100		
128	45.5	41.8	62.8
54	45.6	33.4	50.0



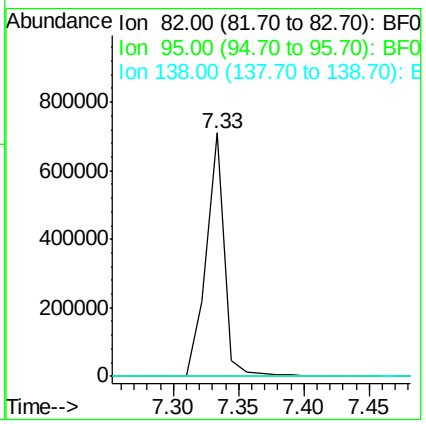


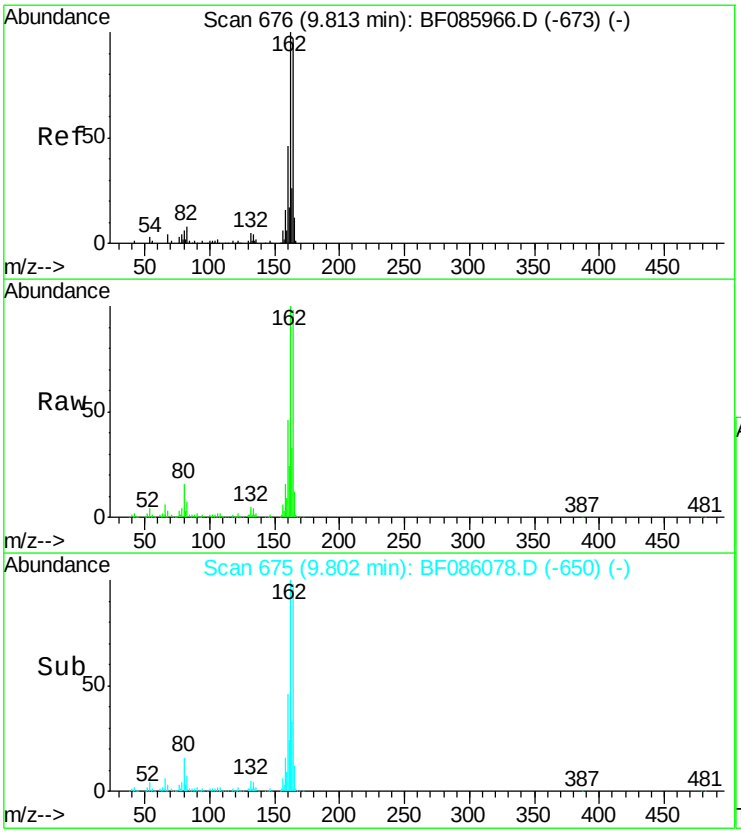
#25
Isophorone
Concen: 48.35 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion: 82 Resp: 689994

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

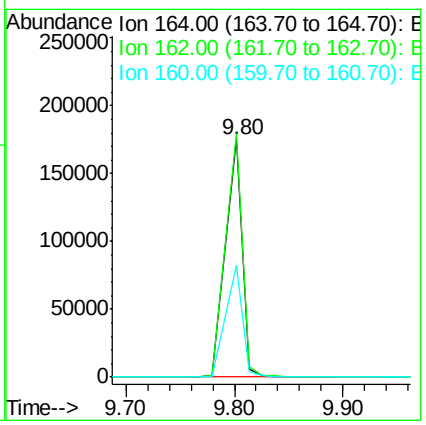


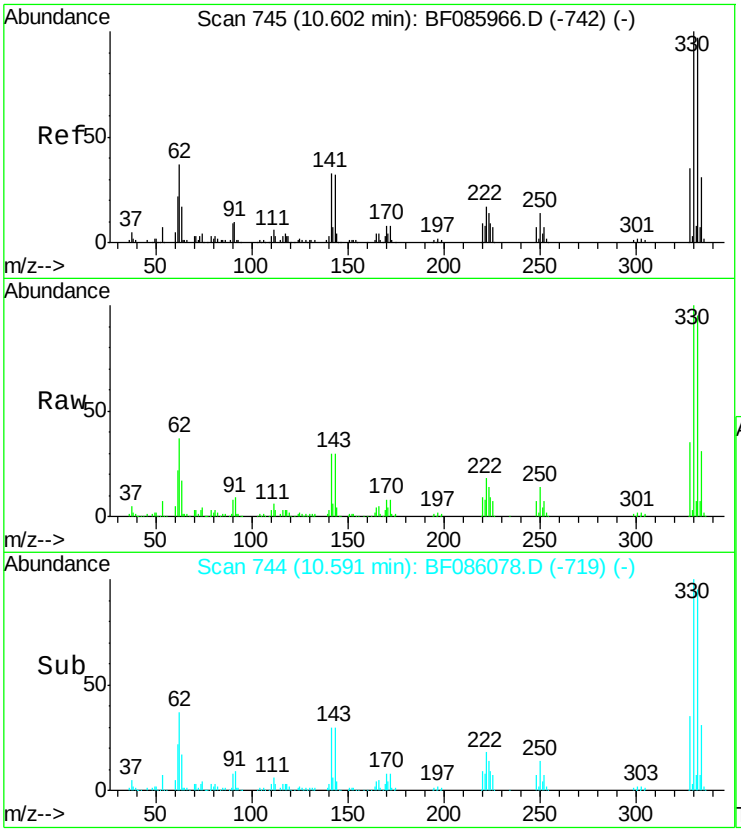


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:164 Resp: 184449

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.1	123.1
160	47.0	37.4	56.2



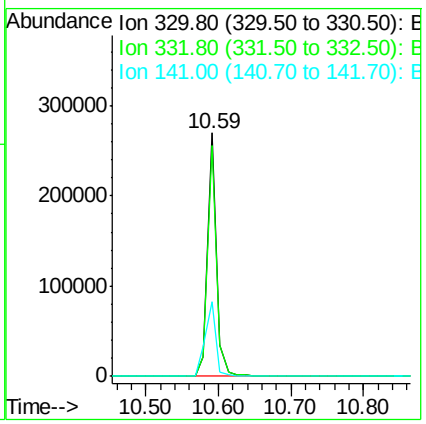


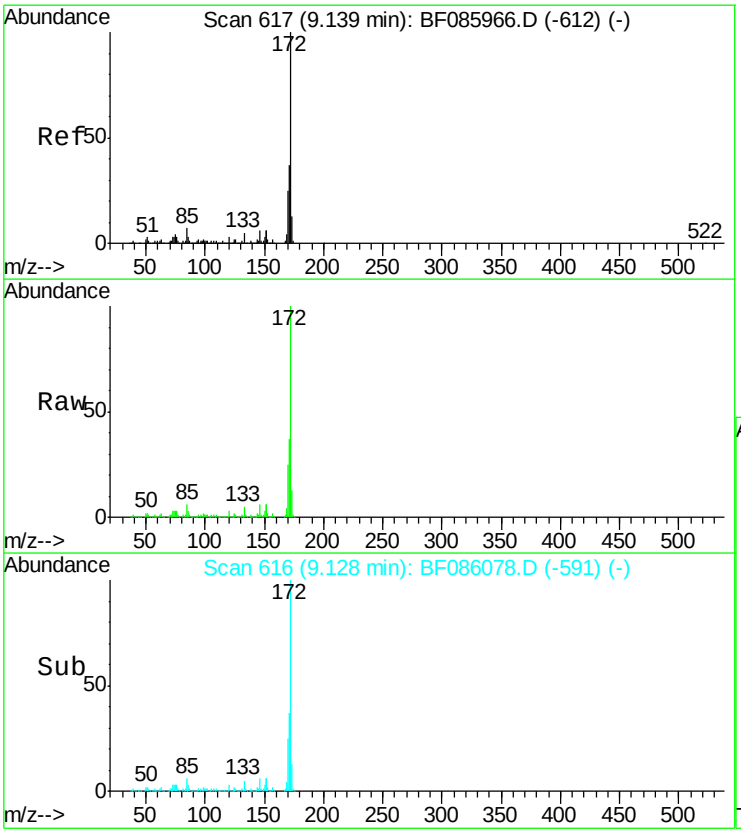
#41
2,4,6-Tribromophenol
Concen: 134.48 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:330 Resp: 232814

Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.2	117.2
141	37.1	31.5	47.3

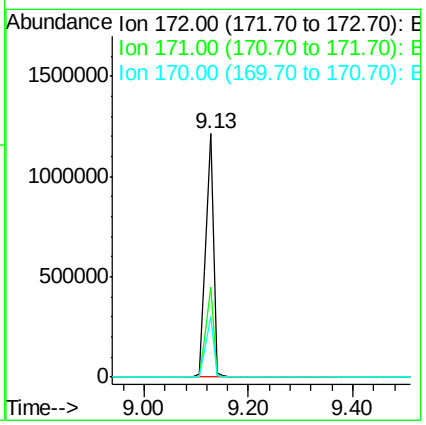


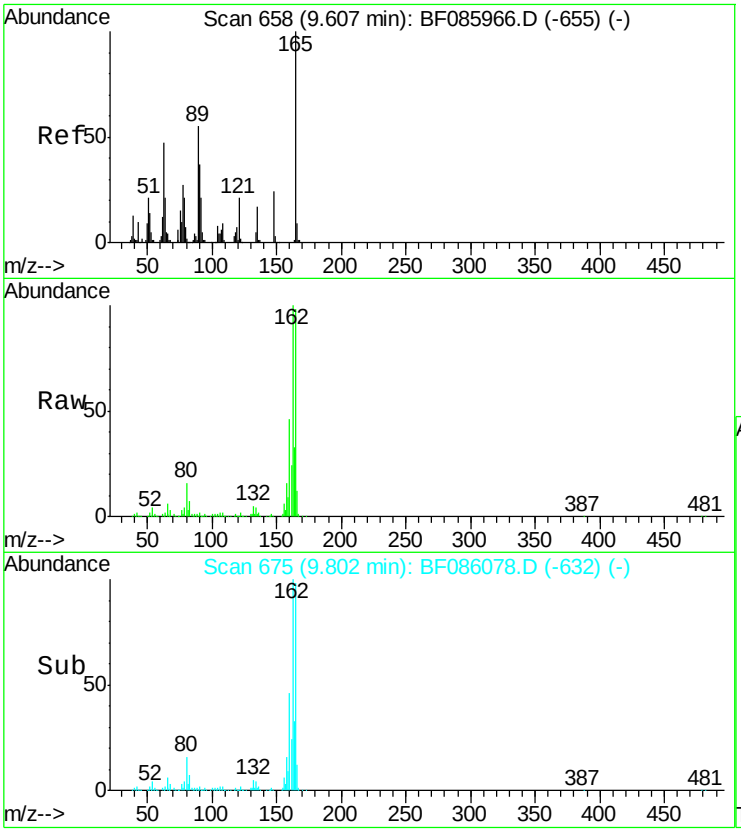


#44
2-Fluorobiphenyl
Concen: 111.28 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:172 Resp: 1234481

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	24.7	19.8	29.6



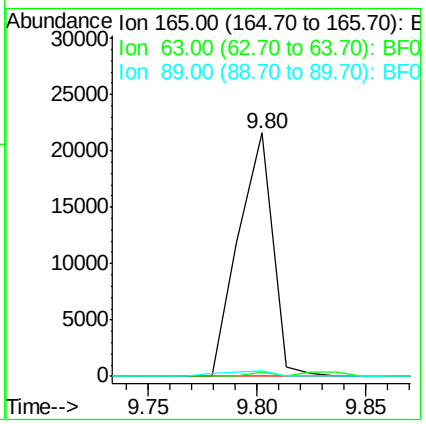


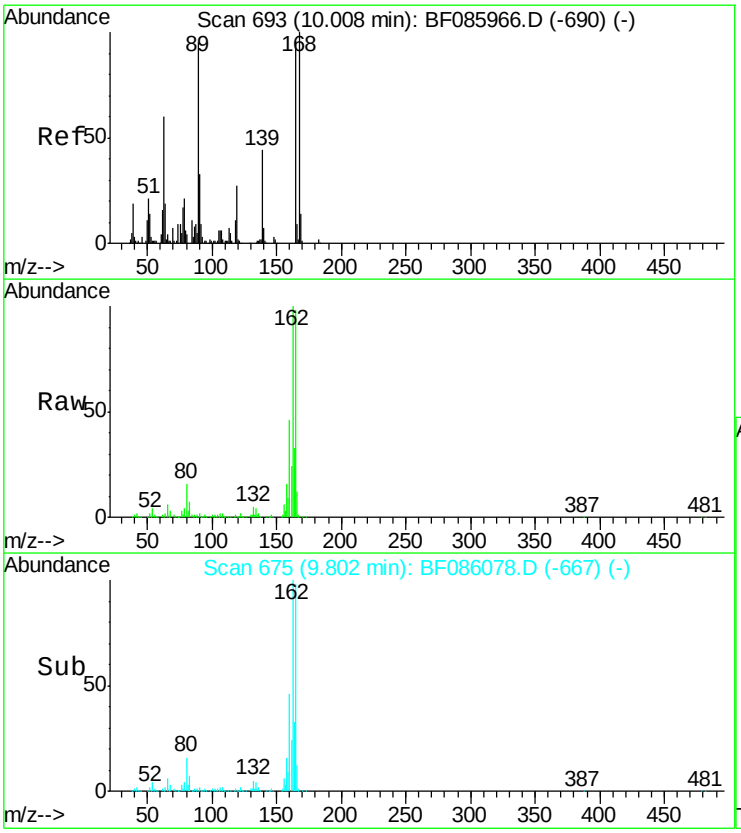
#50
2,6-Dinitrotoluene
Concen: 8.19 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:165 Resp: 23689

Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.2	53.7	80.5#

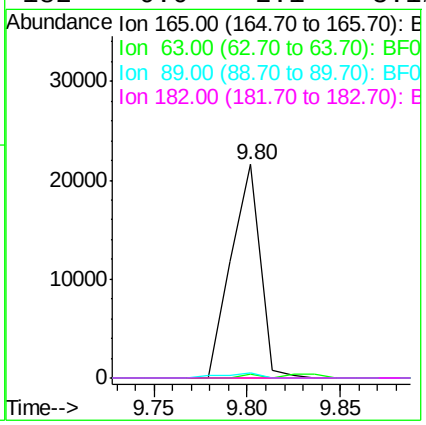


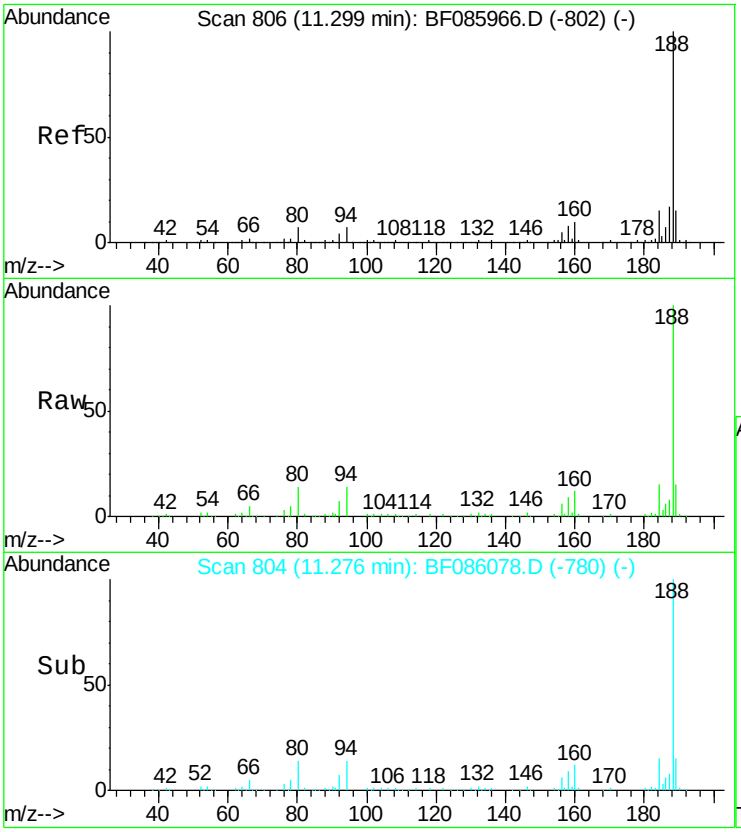


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:165 Resp: 23690

Ion	Ratio	Lower	Upper
165	100		
63	1.9	24.9	37.3#
89	2.2	41.0	61.6#
182	0.0	2.1	3.1#



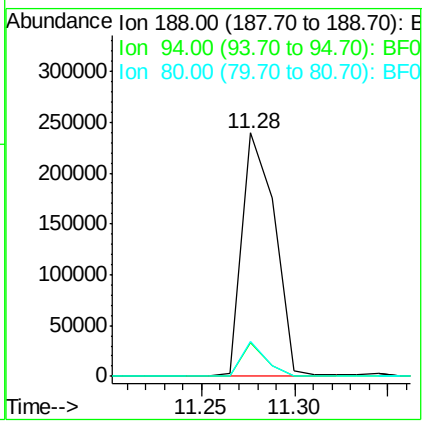


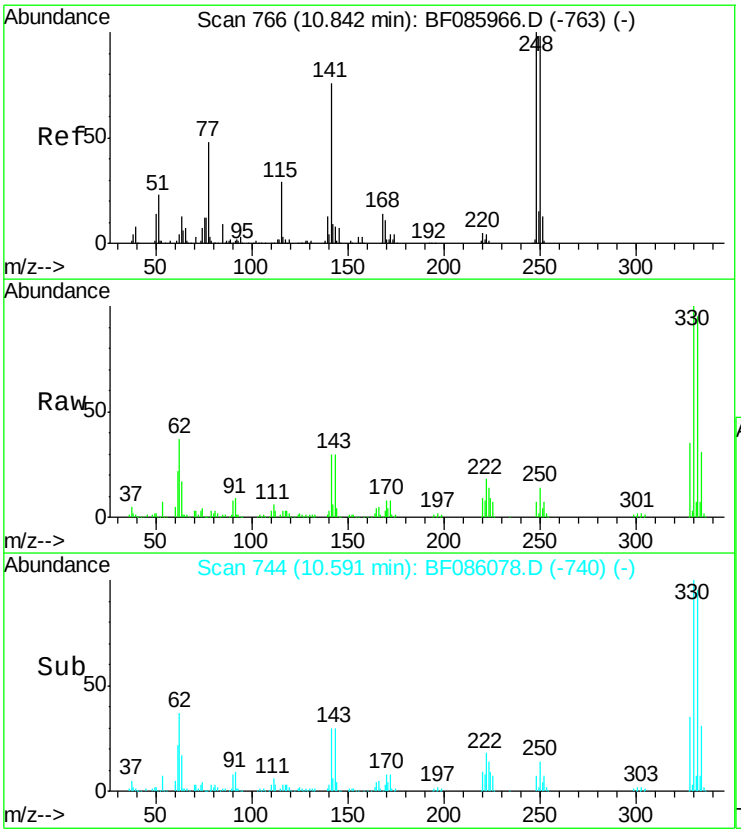
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:188 Resp: 291916

Ion	Ratio	Lower	Upper
188	100		
94	13.6	5.4	8.0#
80	14.4	5.5	8.3#

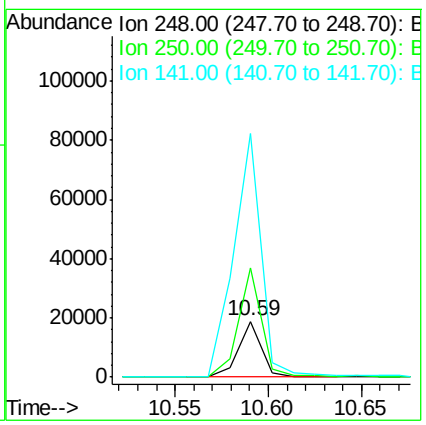


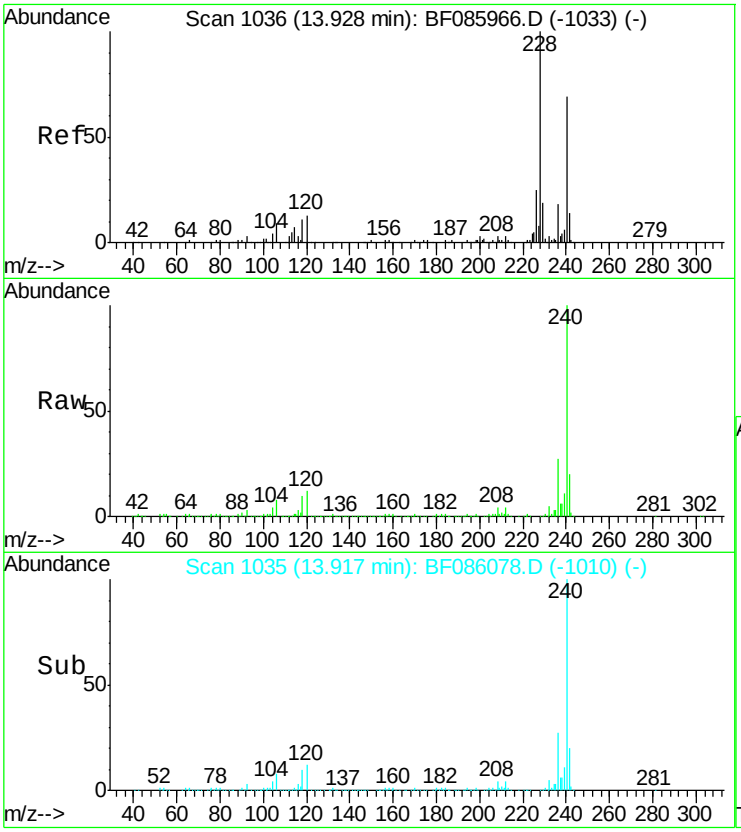


#66
4-Bromophenyl-phenylether
Concen: 5.45 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:248 Resp: 16242

Ion	Ratio	Lower	Upper
248	100		
250	196.5	77.4	116.0#
141	437.5	63.6	95.4#



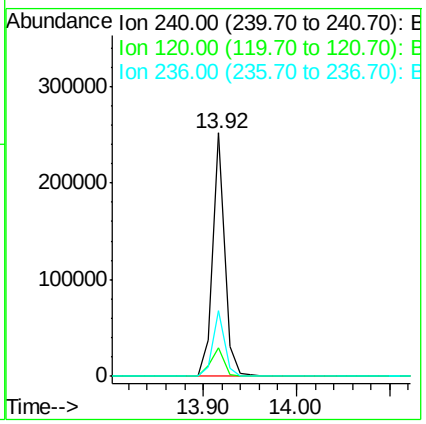


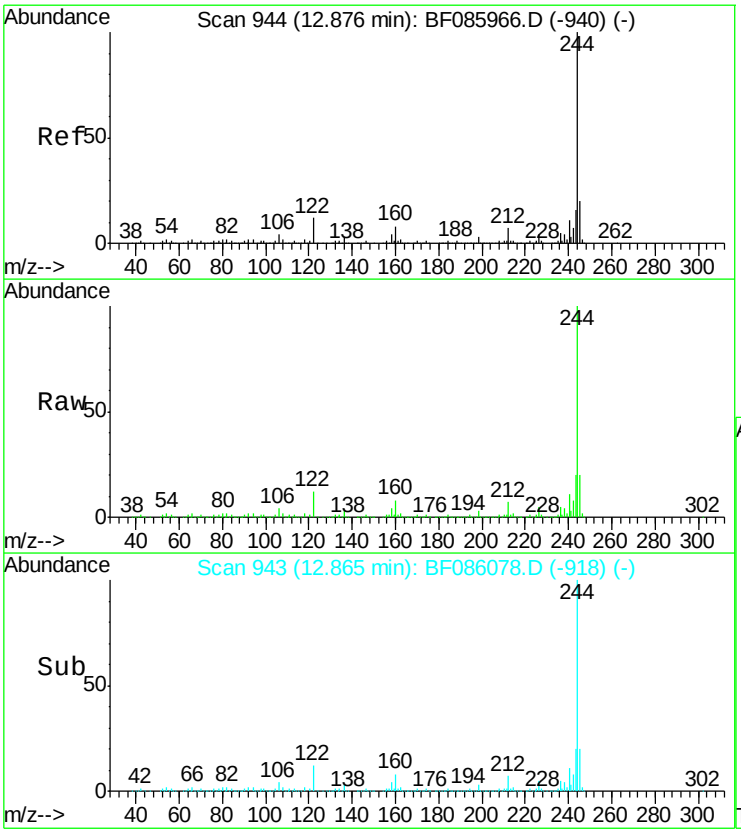
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:240 Resp: 224779

Ion	Ratio	Lower	Upper
240	100		
120	11.8	13.8	20.8#
236	26.8	20.6	30.8

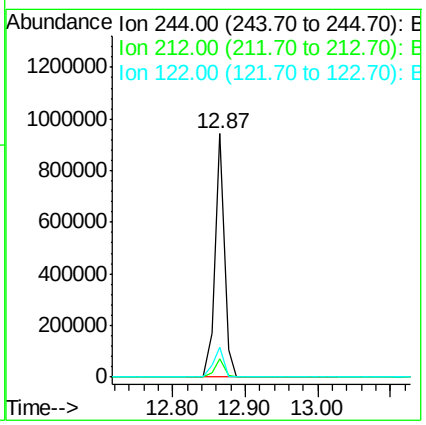


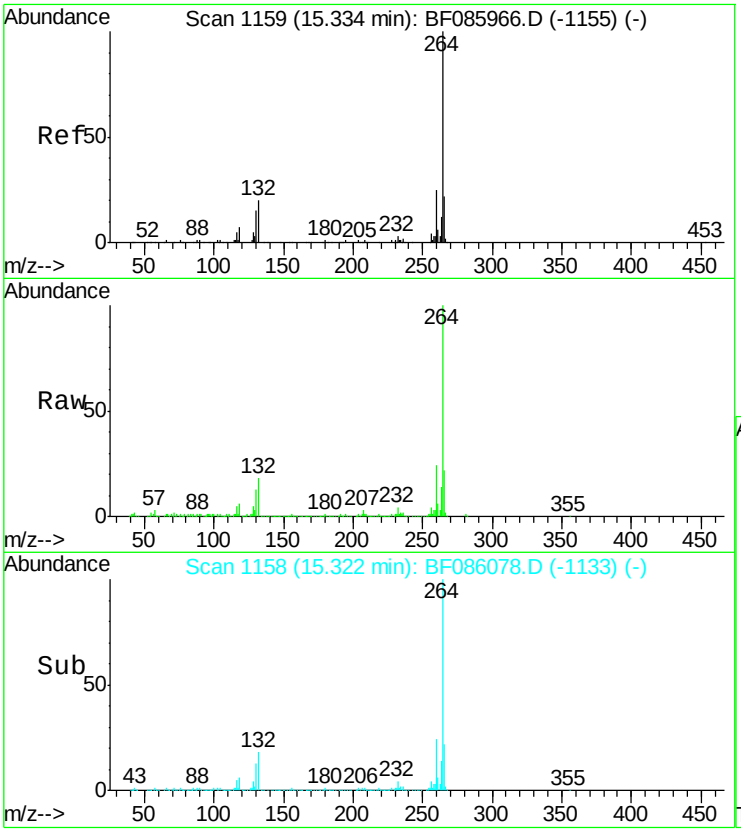


#78
Terphenyl-d14
Concen: 88.22 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Tgt Ion:244 Resp: 843573

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.3	10.2	15.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086078.D
Acq: 5 Apr 2016 11:34

Instrument :
BNA_F
ClientSampleId :
GRID-18COMP

Tgt Ion:264 Resp: 174381

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	17.2	25.8