Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086070.D
Acq On : 5 Apr 2016 7:53
Operator : UM/SJ
Sample : PB89469BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB89469BL

Quant Time: Apr 05 08:23:15 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	101834	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	365690	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	148348	20.00	ng		-0.01
63) Phenanthrene-d10	11.28	188	229807	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	197646	20.00	ng		-0.01
86) Perylene-d12	15.32	264	153295	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	736458	123.62	ng		0.00
7) Phenol-d6	6.41	99	775755	102.51	ng		-0.01
23) Nitrobenzene-d5	7.33	82	554966	89.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	147031	105.60	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	906779	101.63	ng		-0.01
78) Terphenyl-d14	12.87	244	635259	75.55	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	15731	3.86	ng		84
19) n-Nitroso-di-n-propylamine	7.33	70	71687	15.28	ng	#	75
25) Isophorone	7.33	82	549913	44.92	ng	#	68
50) 2,6-Dinitrotoluene	9.80	165	18743	8.06	ng	#	17
56) 2,4-Dinitrotoluene	9.80	165	18743	6.38	ng	#	35
66) 4-Bromophenyl-phenylether	10.59	248	9674	4.12	ng	#	1

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

Quantitation Report (Not Reviewed)

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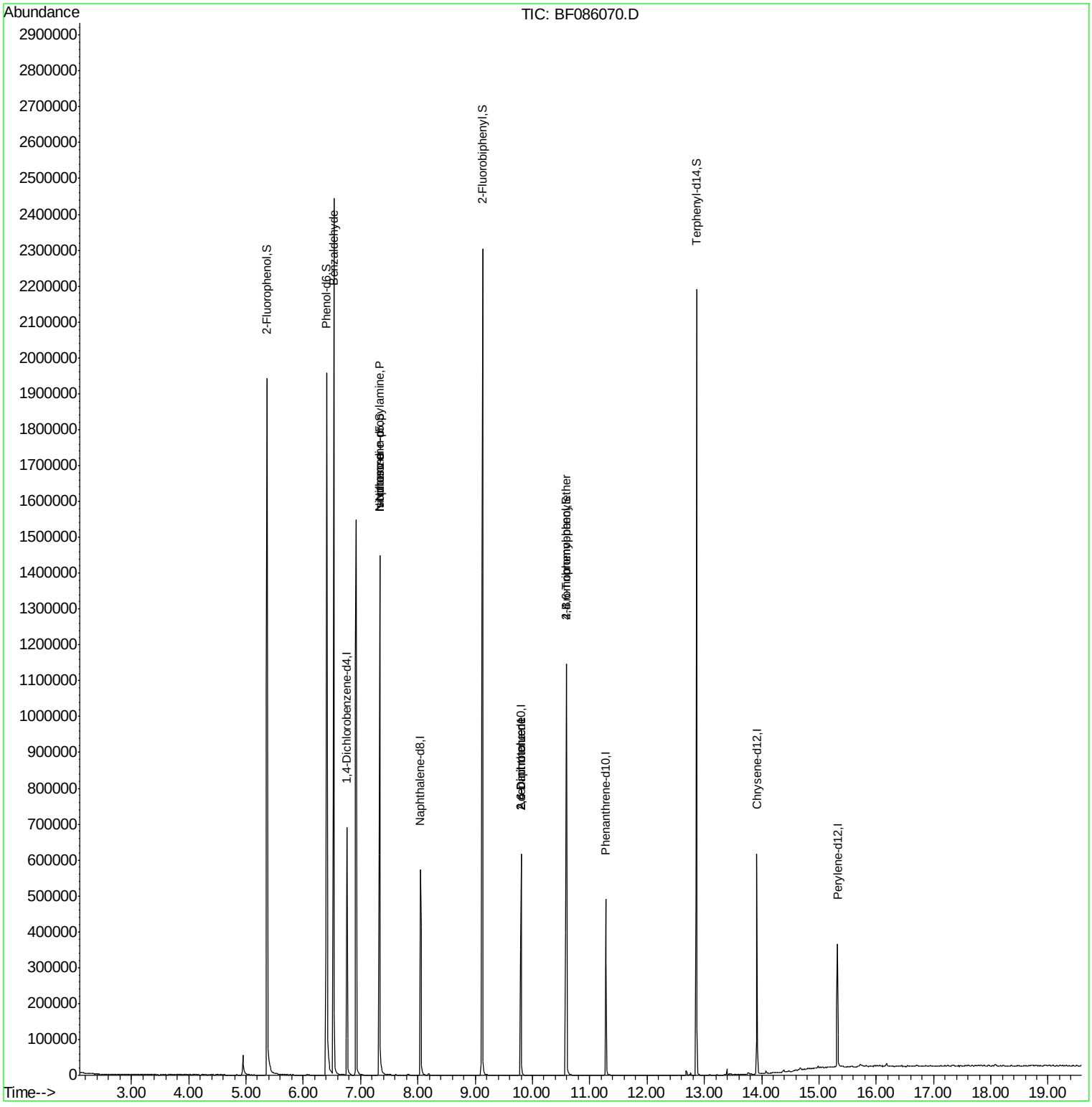
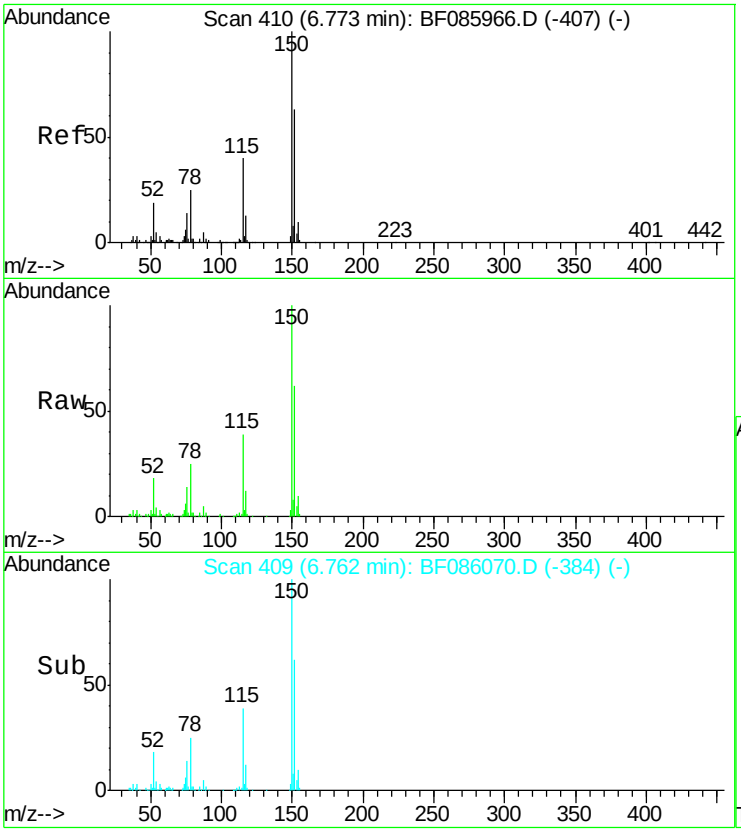


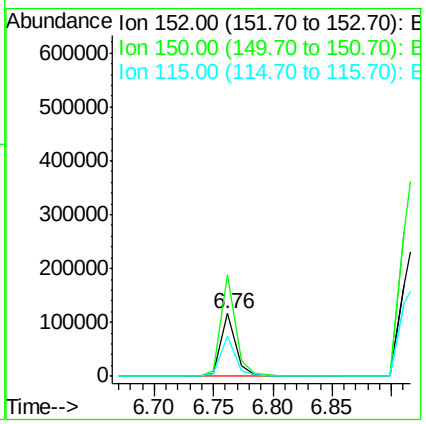


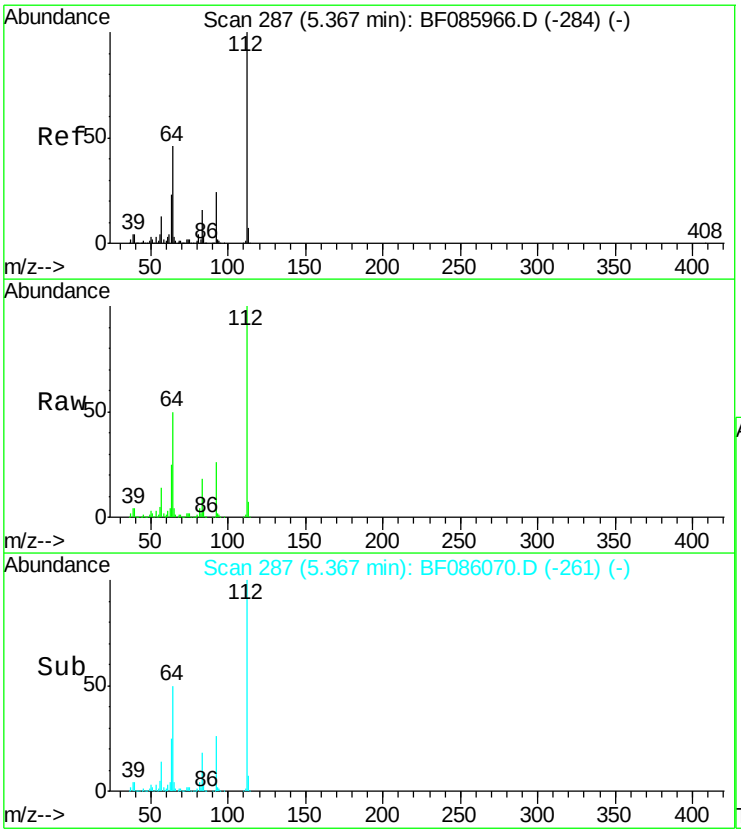
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:152 Resp: 101834

Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.2	186.2
115	63.0	47.0	70.6

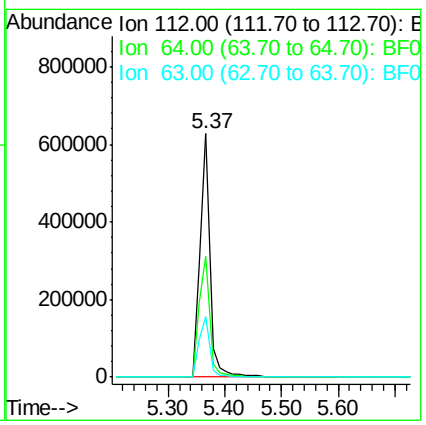


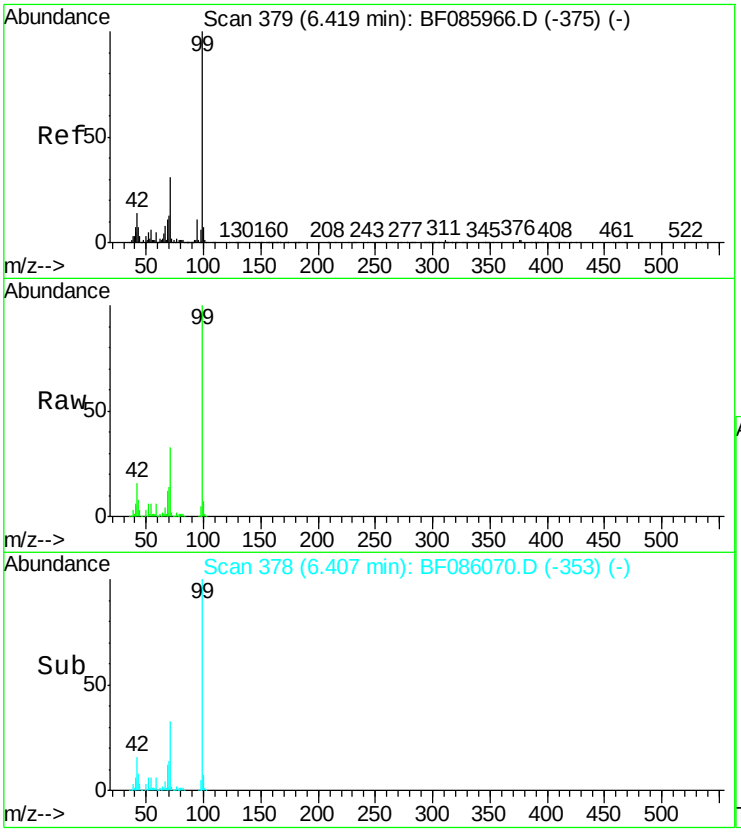


#5
2-Fluorophenol
Concen: 123.62 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:112 Resp: 736458

Ion	Ratio	Lower	Upper
112	100		
64	49.8	39.9	59.9
63	25.1	20.2	30.2



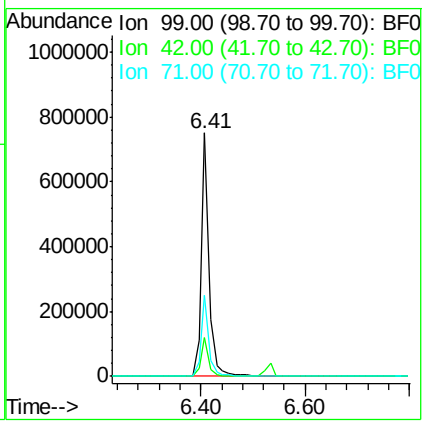


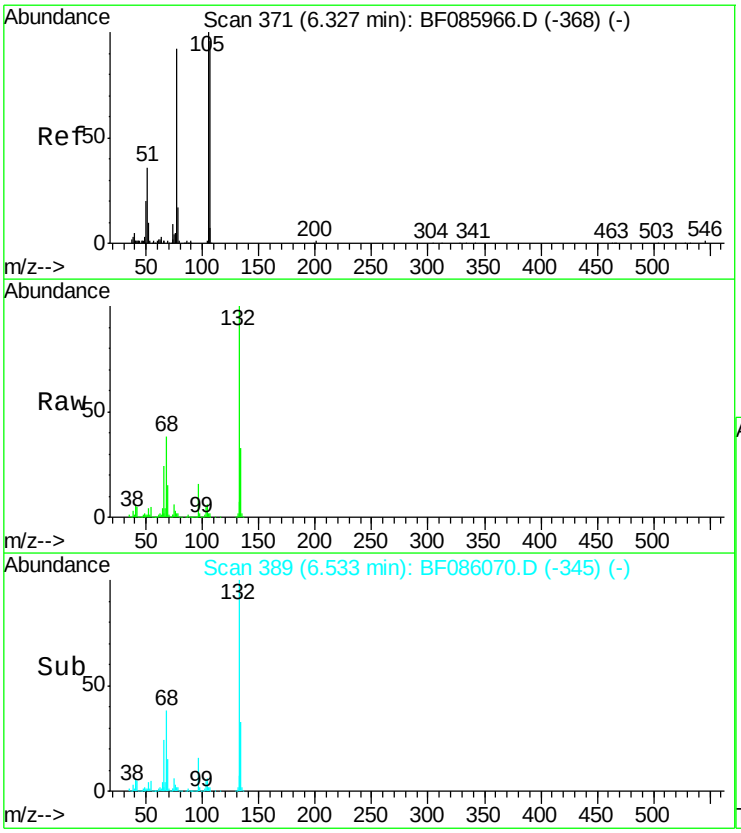
#7
Phenol-d6
Concen: 102.51 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion: 99 Resp: 775755

Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.1	16.7
71	33.3	24.9	37.3

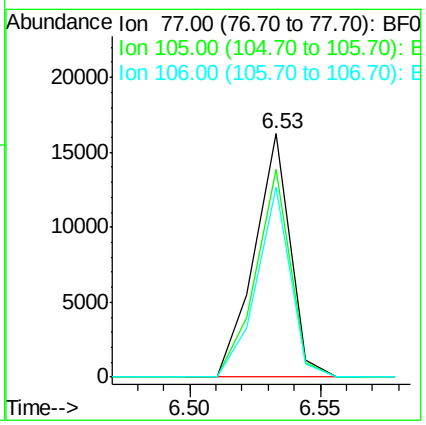


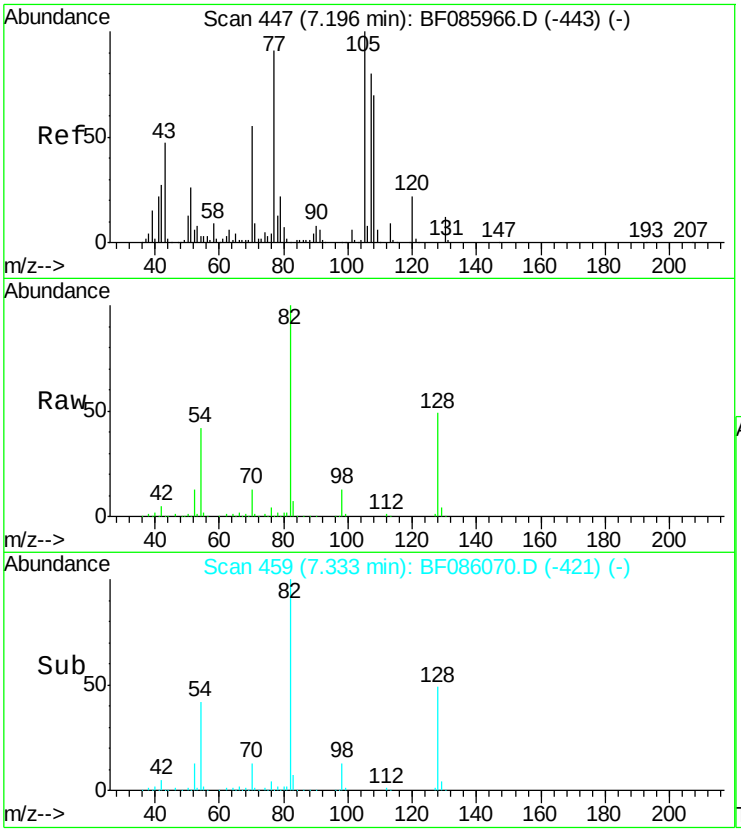


#9
Benzaldehyde
Concen: 3.86 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.21 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion: 77 Resp: 15731

Ion	Ratio	Lower	Upper
77	100		
105	85.5	80.1	120.1
106	78.2	75.0	115.0



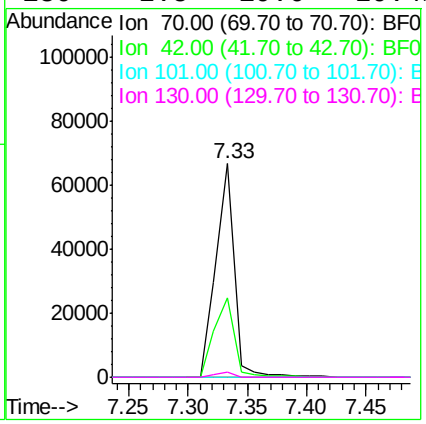


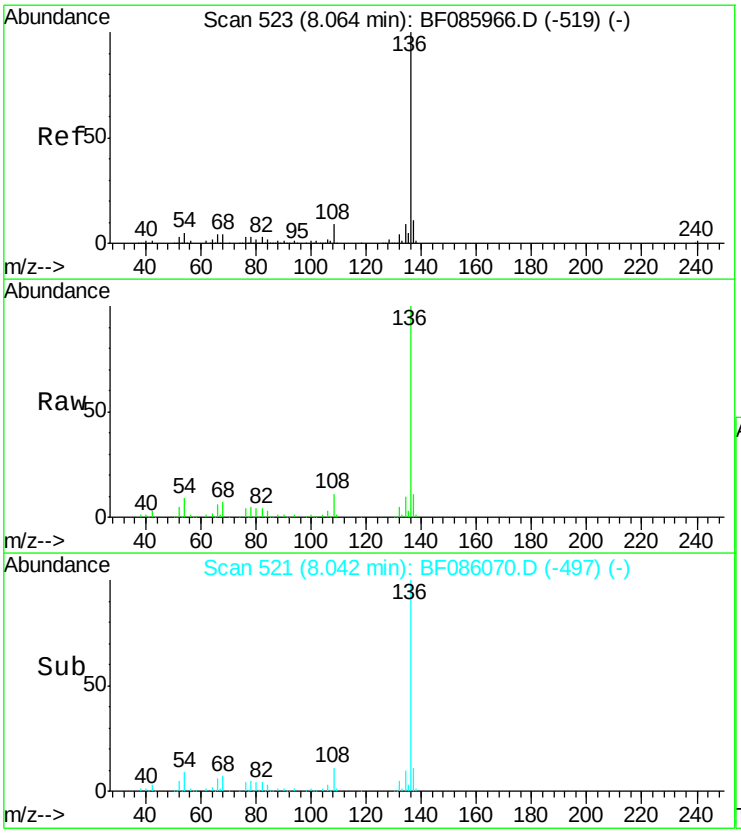
#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion: 70 Resp: 71687

Ion	Ratio	Lower	Upper
70	100		
42	37.4	37.1	55.7
101	0.0	8.6	12.8#
130	2.5	19.6	29.4#

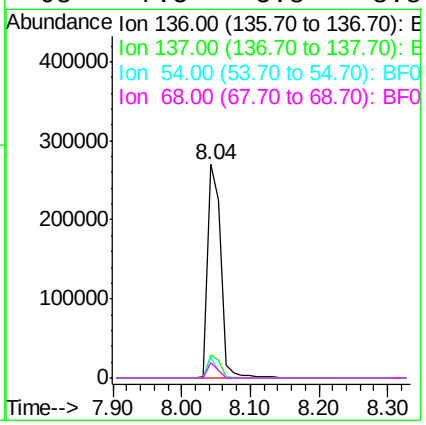


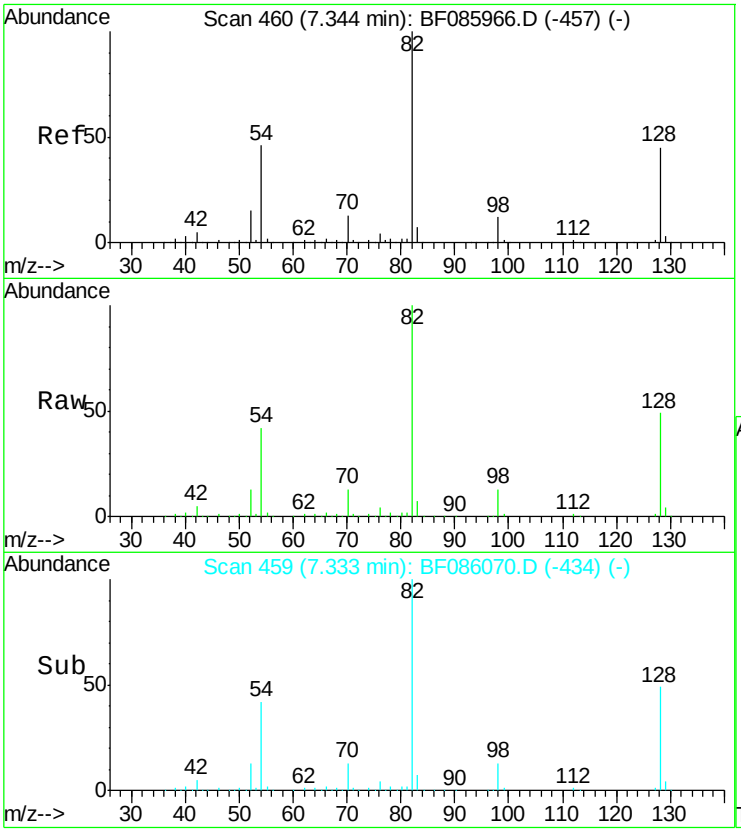


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:136 Resp: 365690

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.3	7.4	11.0
68	7.5	5.8	8.8



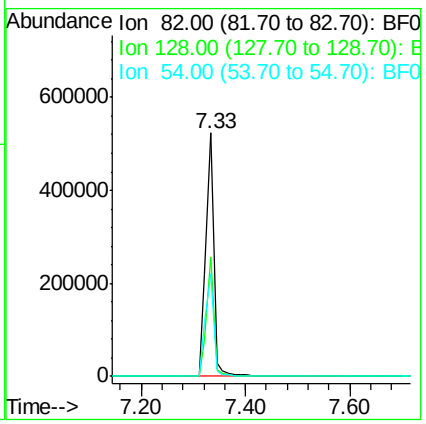


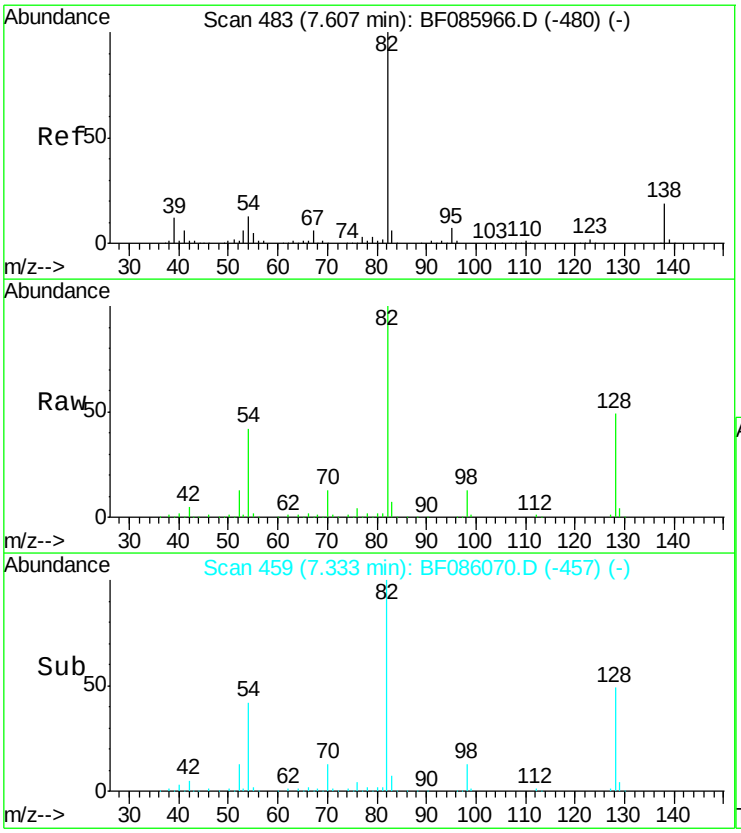
#23
Nitrobenzene-d5
Concen: 89.50 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion: 82 Resp: 554966

Ion	Ratio	Lower	Upper
82	100		
128	49.1	41.8	62.8
54	42.1	33.4	50.0

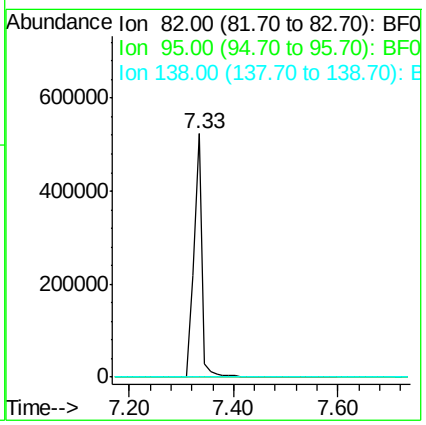


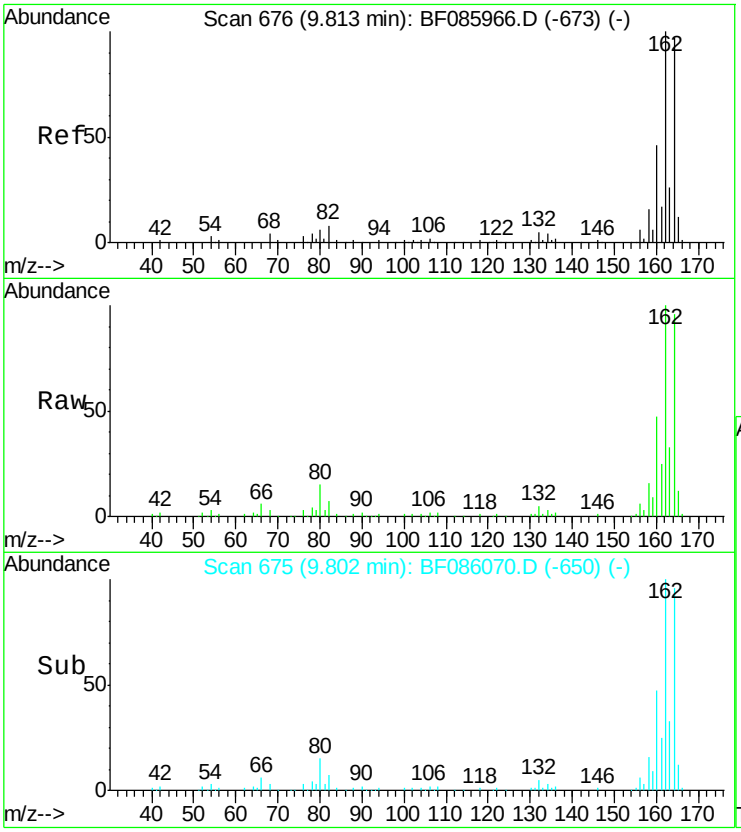


#25
Isophorone
Concen: 44.92 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion: 82 Resp: 549913

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



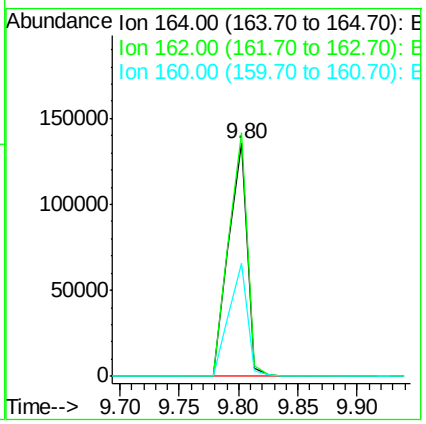


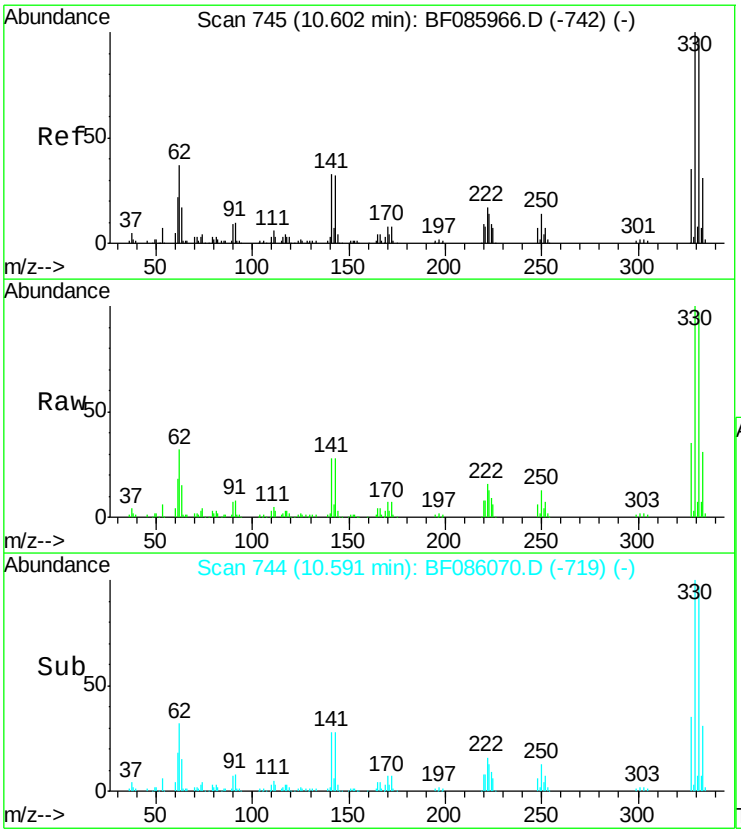
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:164 Resp: 148348

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.1	123.1
160	48.6	37.4	56.2

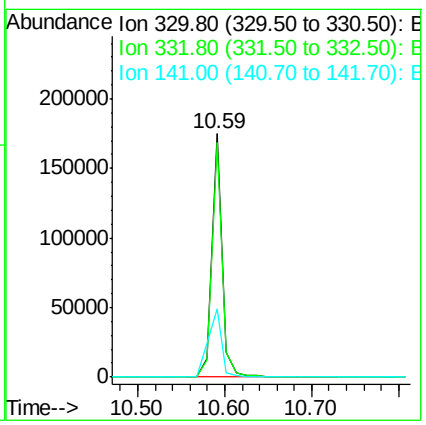


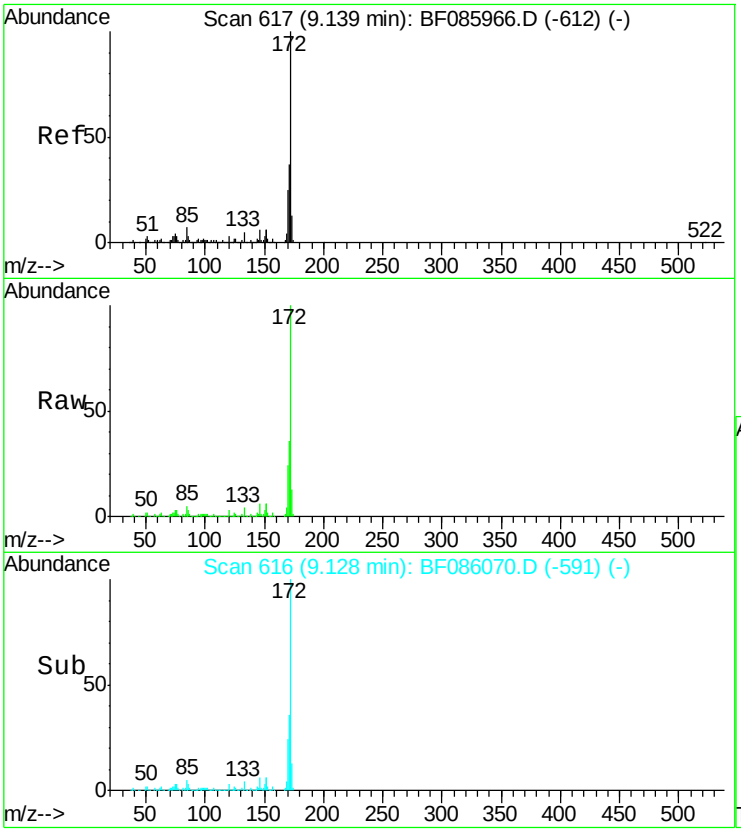


#41
2,4,6-Tribromophenol
Concen: 105.60 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:330 Resp: 147031

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.2	117.2
141	37.0	31.5	47.3



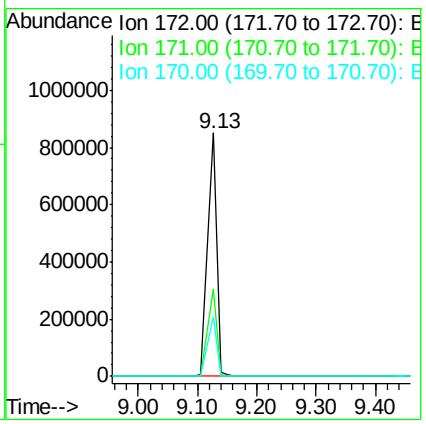


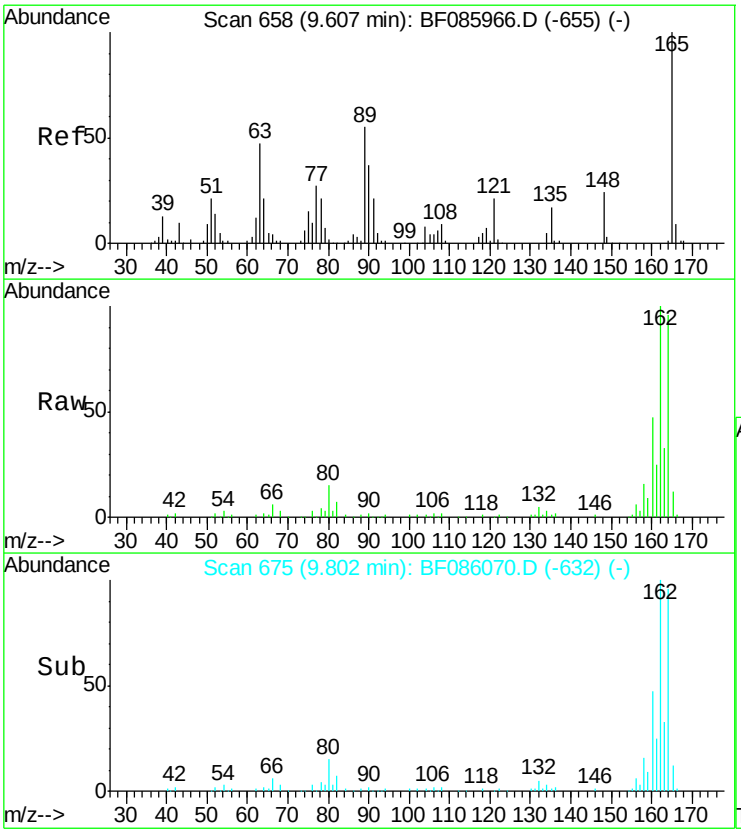
#44
2-Fluorobiphenyl
Concen: 101.63 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:172 Resp: 906779

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.8	29.6

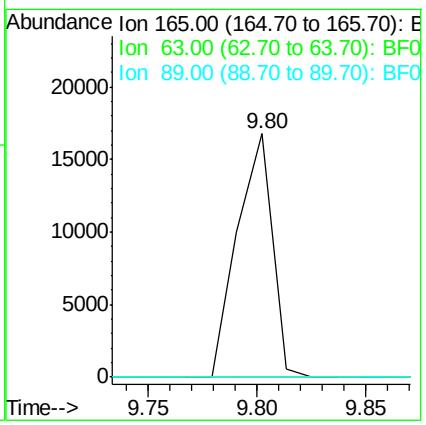


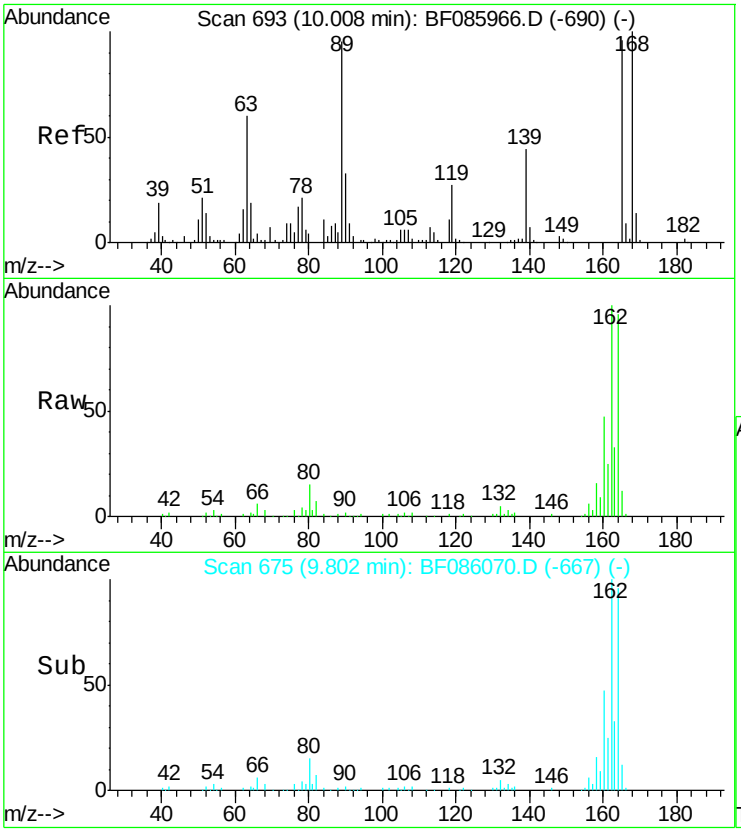


#50
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:165 Resp: 18743

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	0.0	53.7	80.5#



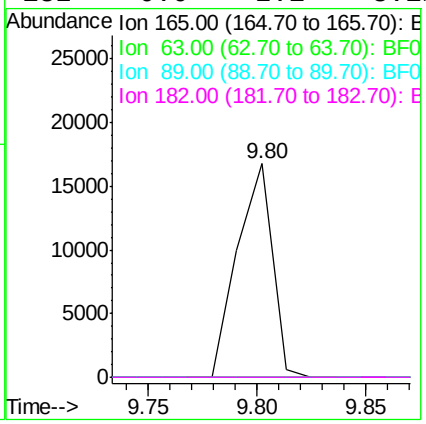


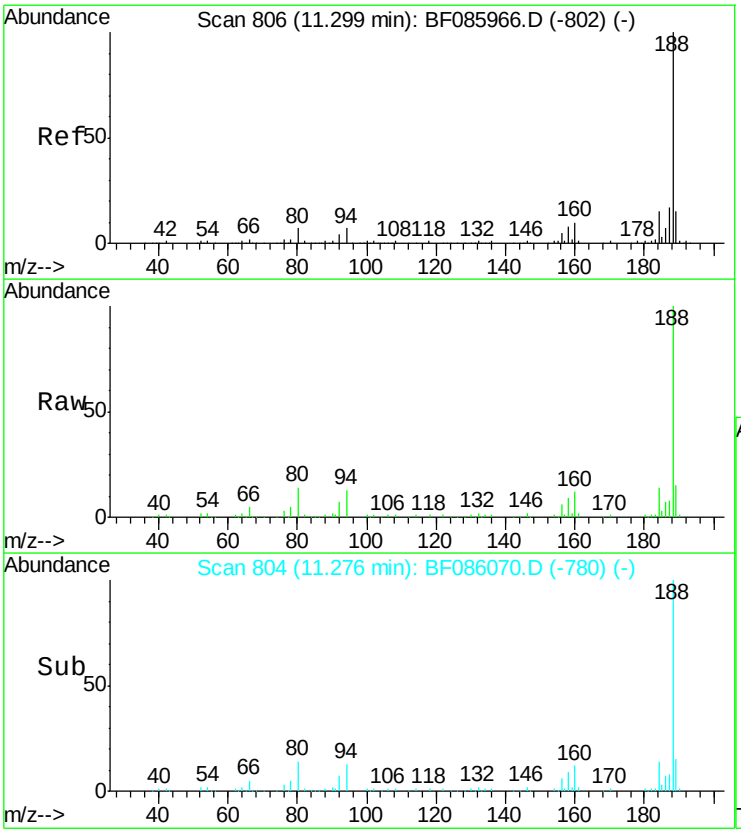
#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:165 Resp: 18743

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

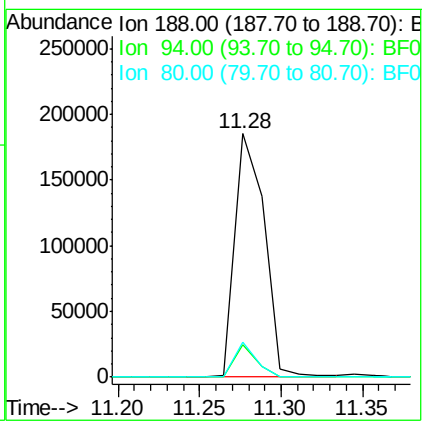


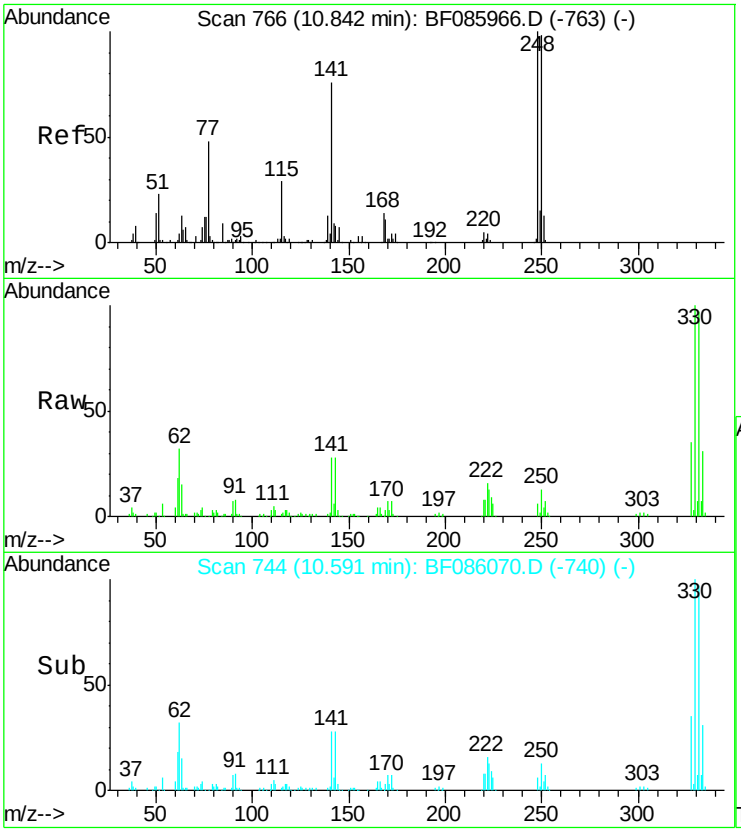


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:188 Resp: 229807

Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.3	5.5	8.3#



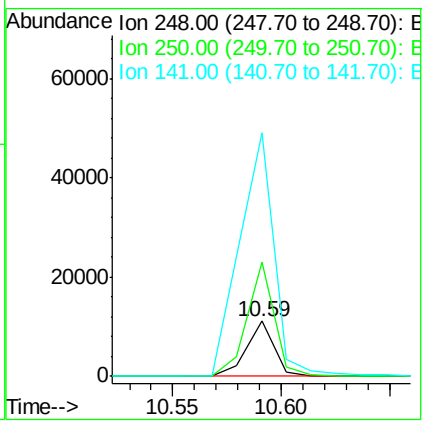


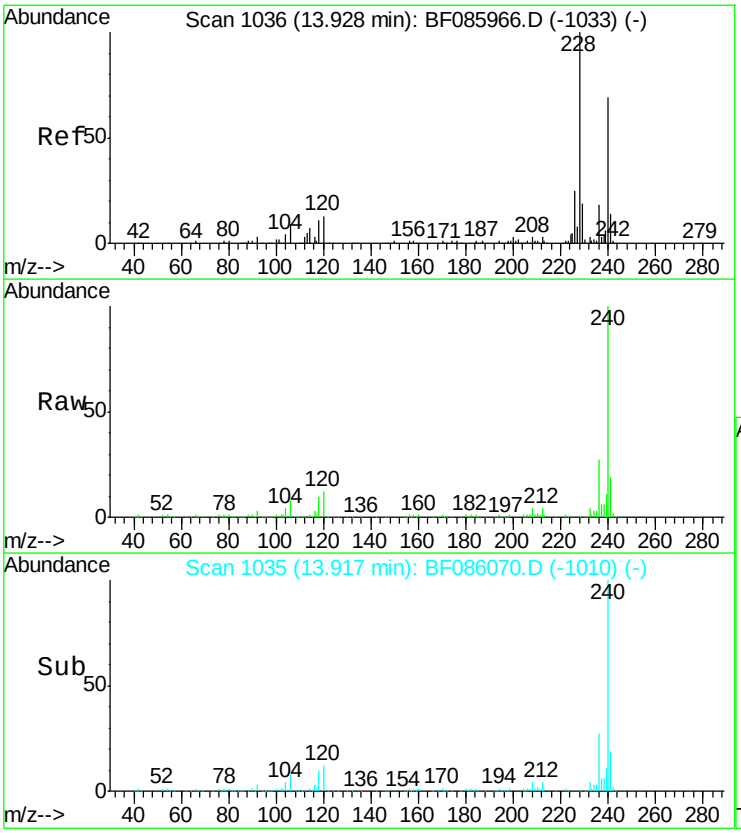
#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:248 Resp: 9674

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.4	116.0#
141	443.4	63.6	95.4#

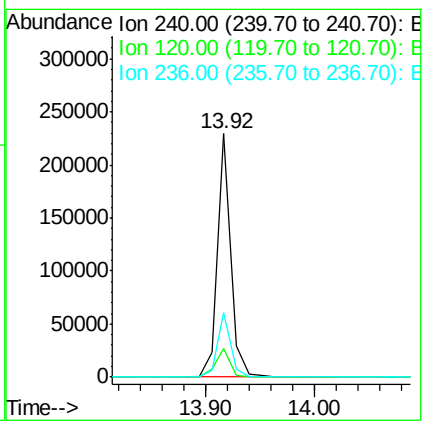


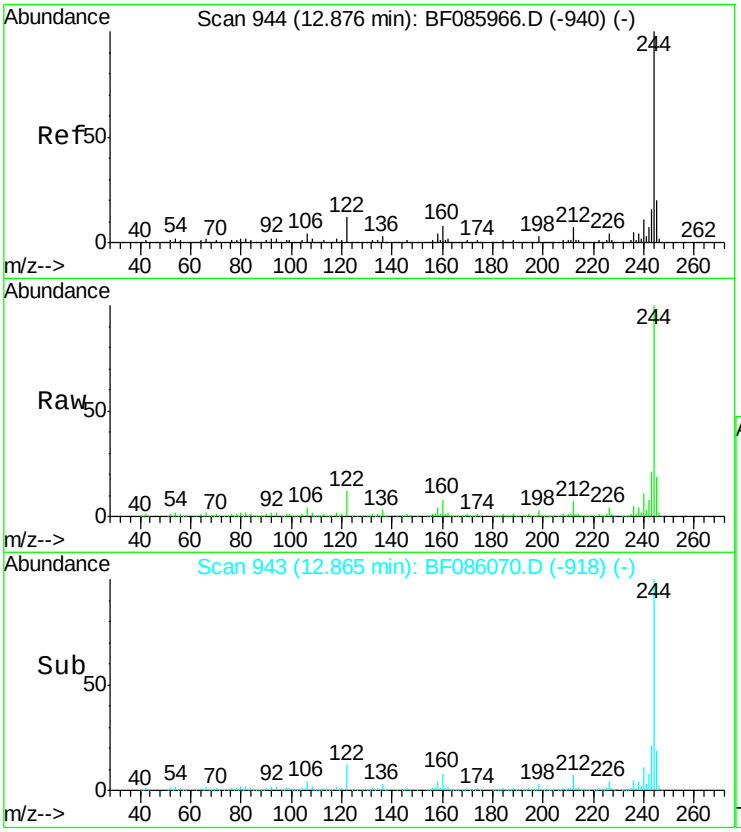


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:240 Resp: 197646

Ion	Ratio	Lower	Upper
240	100		
120	11.9	13.8	20.8#
236	26.7	20.6	30.8



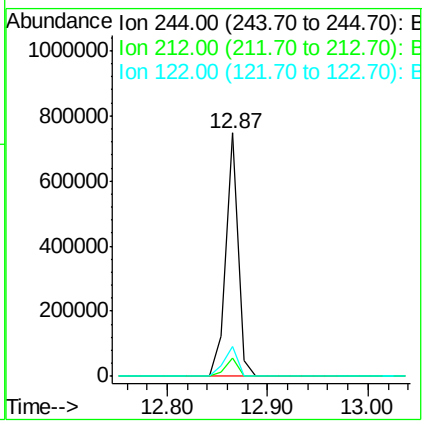


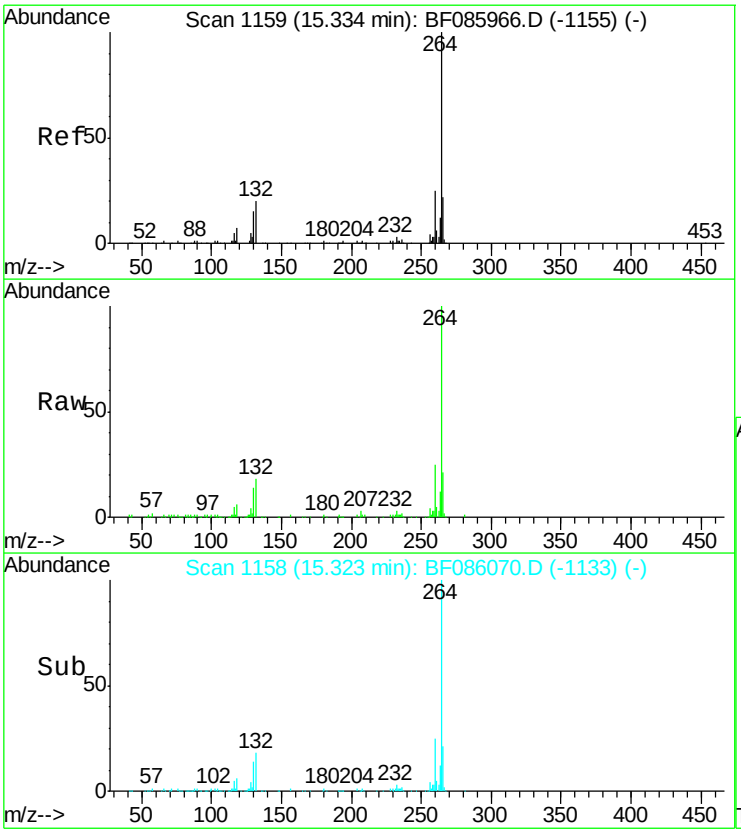
#78
Terphenyl-d14
Concen: 75.55 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion:244 Resp: 635259

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.2	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: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion:264 Resp: 153295

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8