Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084010.D
Acq On : 23 Dec 2015 1:29
Operator : UM/SJ
Sample : G4916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151214MGP220BRV136.5

Quant Time: Dec 23 02:50:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	44835	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	181179	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	88469	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	168861	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177543	20.00	ng	-0.01
86) Perylene-d12	15.41	264	155992	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	167487	63.69	ng	0.01
7) Phenol-d6	6.48	99	144679	46.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	260821	88.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	134723	158.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	616402	93.77	ng	0.00
78) Terphenyl-d14	12.93	244	578678	77.73	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	8012	3.88	ng	# 82
19) n-Nitroso-di-n-propylamine	7.39	70	36023	19.23	ng	# 78
25) Isophorone	7.39	82	225385	40.33	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	11036	7.55	ng	# 35
52) 3-Nitroaniline	9.78	138	6443	4.15	ng	# 1
56) 2,4-Dinitrotoluene	9.87	165	11036	6.01	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	10274	5.31	ng	# 1

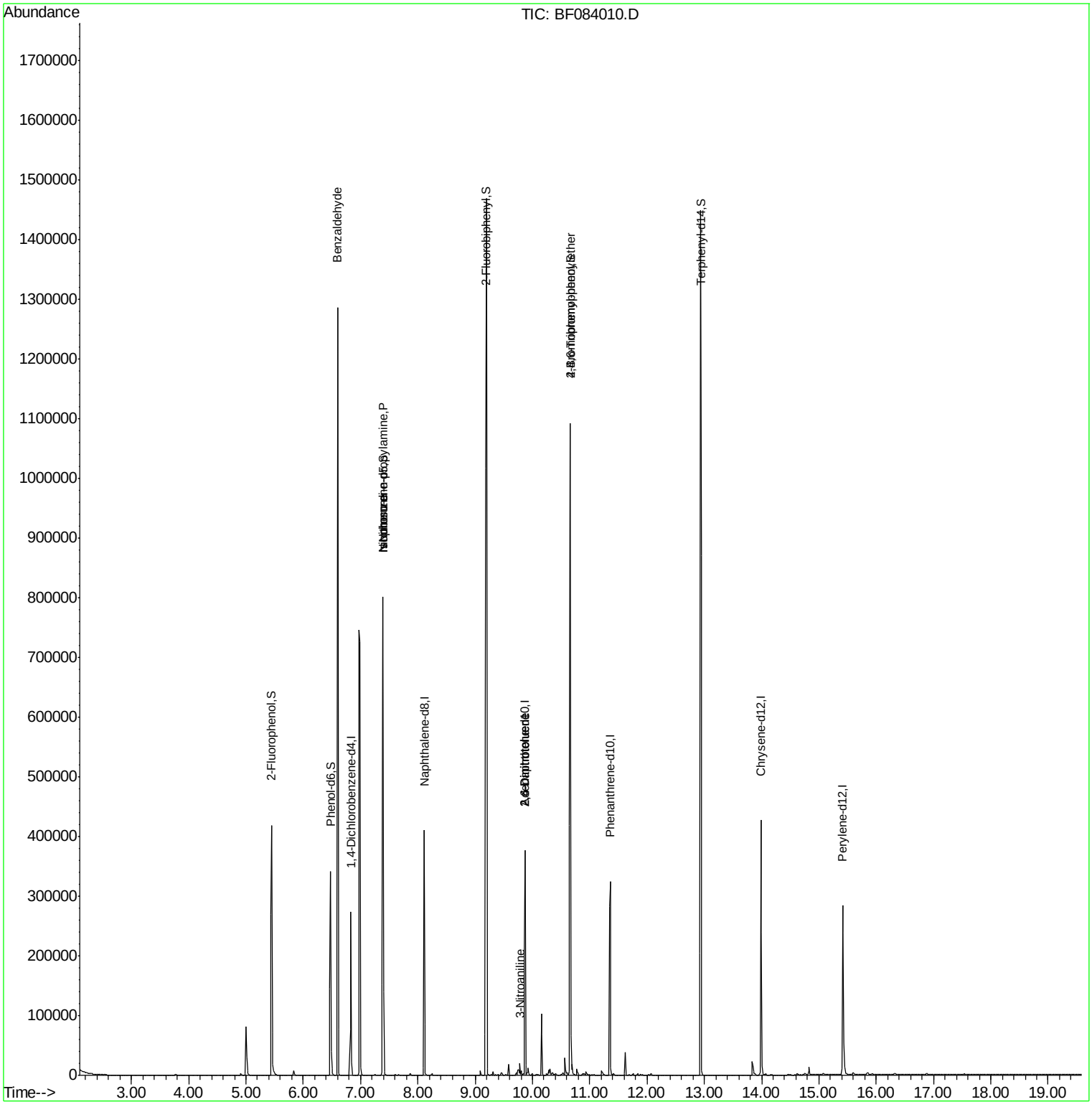
(#) = qualifier out of range (m) = manual integration (+) = signals summed

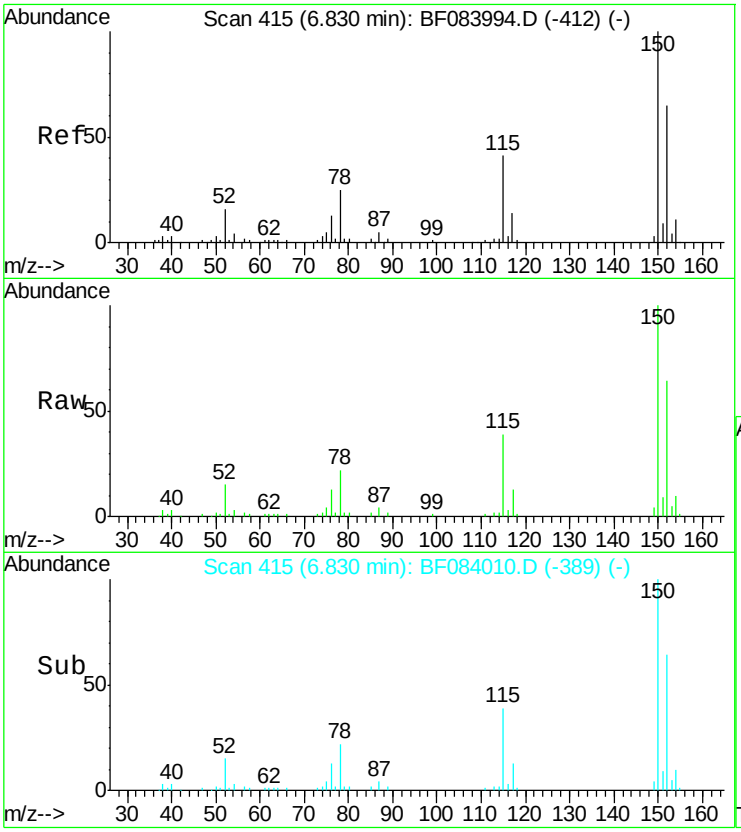
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084010.D
Acq On : 23 Dec 2015 1:29
Operator : UM/SJ
Sample : G4916-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Quant Time: Dec 23 02:50:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



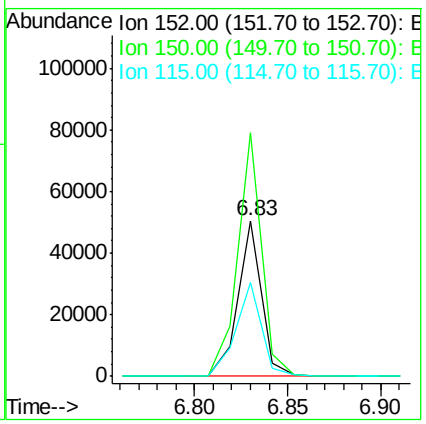


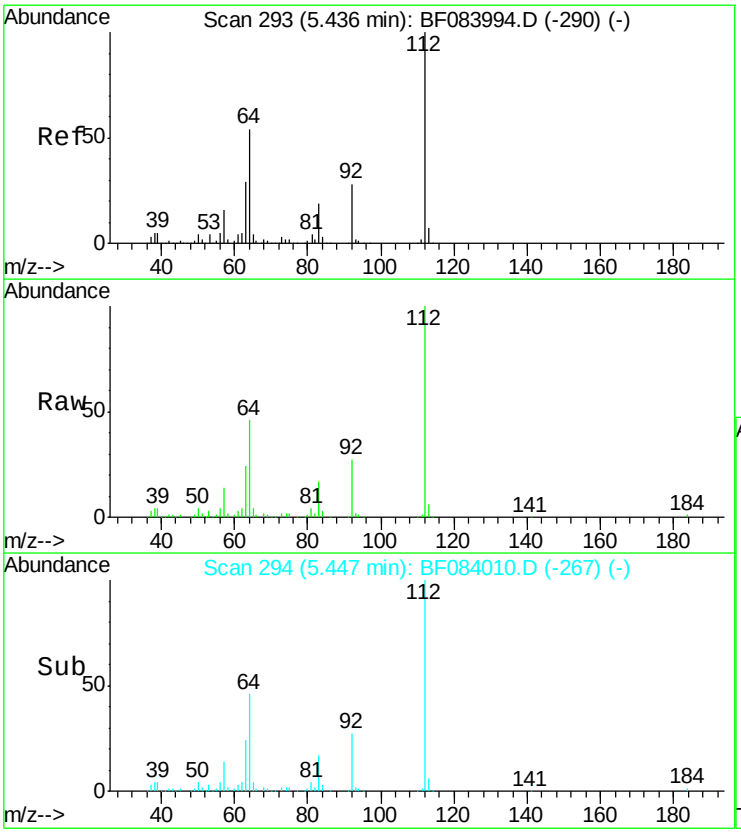
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:152 Resp: 44835

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.4
115	60.3	51.4	77.2

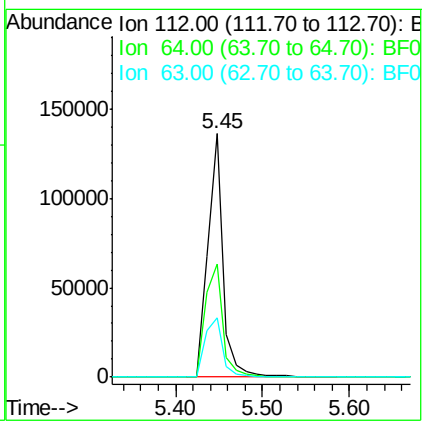


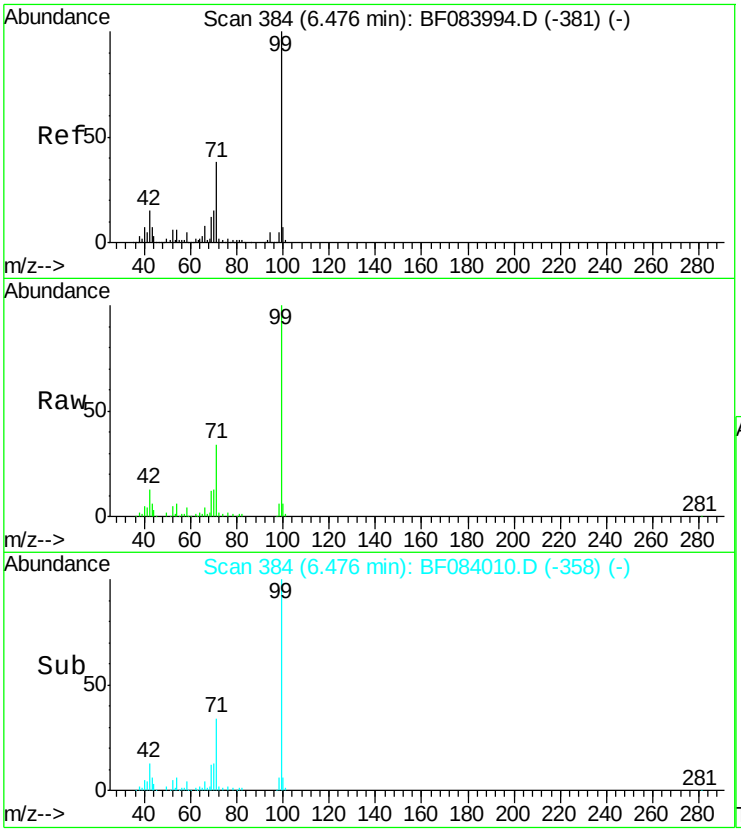


#5
2-Fluorophenol
Concen: 63.69 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:112 Resp: 167487

Ion	Ratio	Lower	Upper
112	100		
64	46.4	36.6	55.0
63	24.4	19.4	29.0



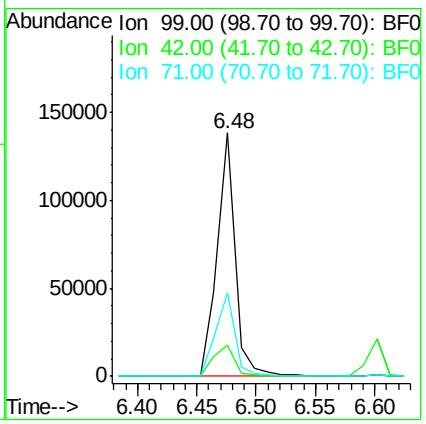


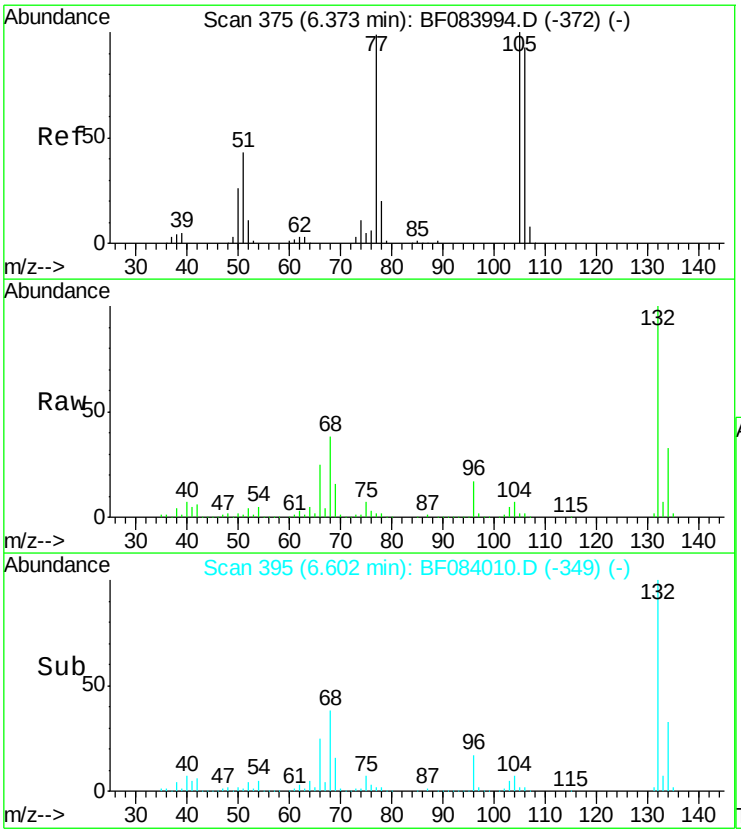
#7
Phenol-d6
Concen: 46.79 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion: 99 Resp: 144679

Ion	Ratio	Lower	Upper
99	100		
42	12.5	12.8	19.2#
71	34.1	30.9	46.3

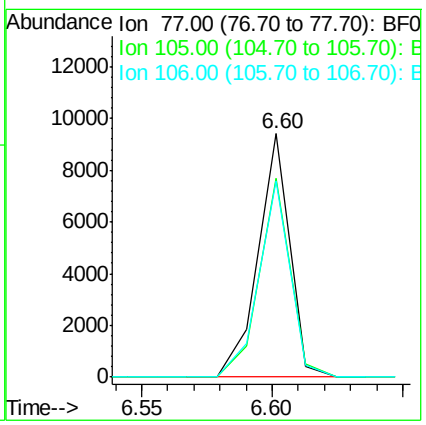


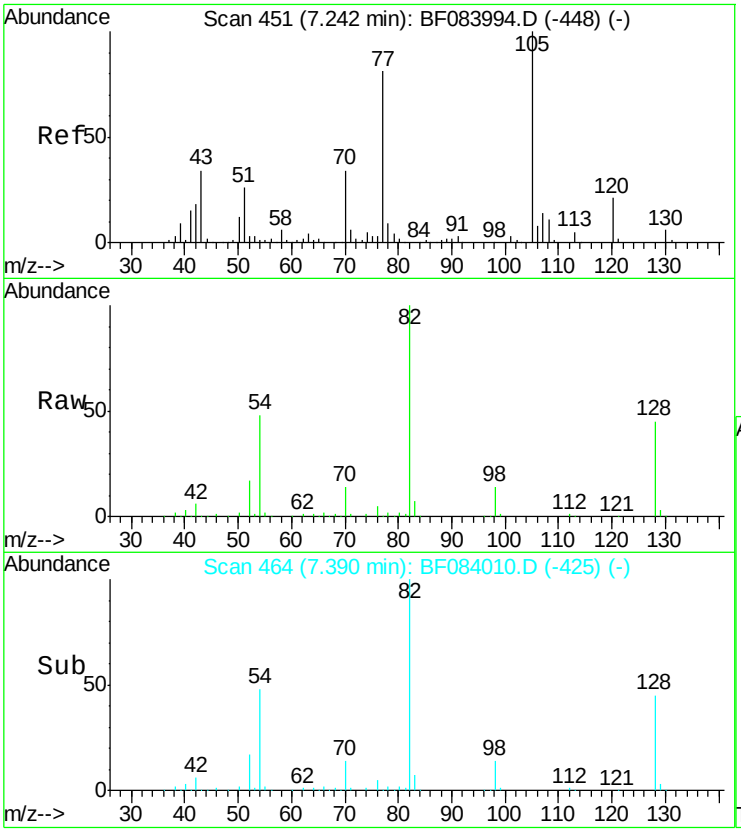


#9
Benzaldehyde
Concen: 3.88 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion: 77 Resp: 8012

Ion	Ratio	Lower	Upper
77	100		
105	81.6	83.0	123.0#
106	80.6	74.6	114.6



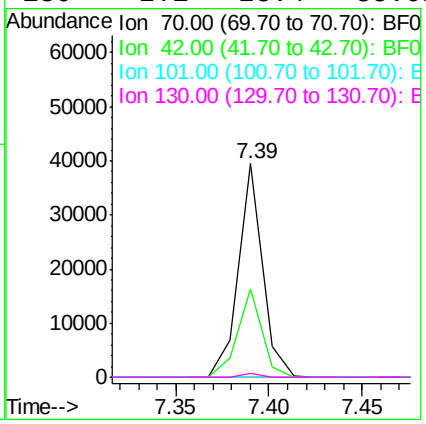


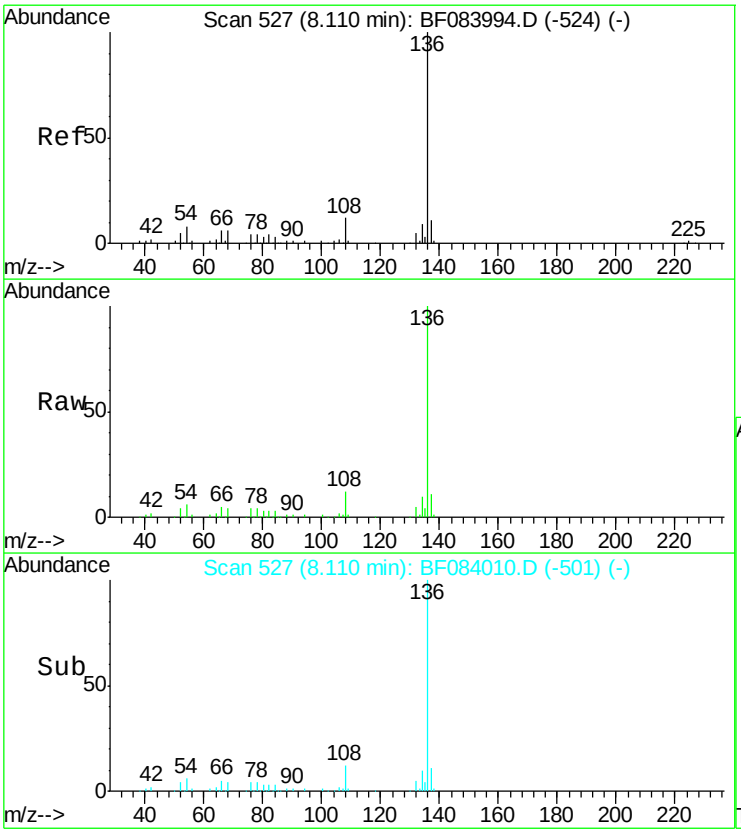
#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion: 70 Resp: 36023

Ion	Ratio	Lower	Upper
70	100		
42	41.4	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

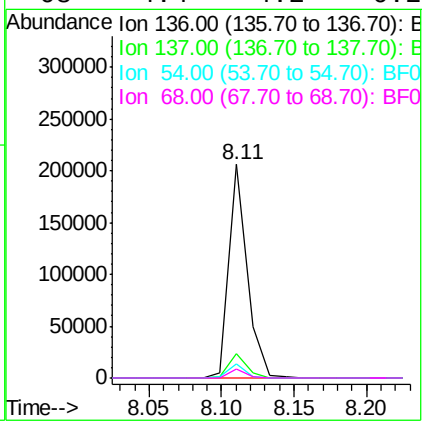


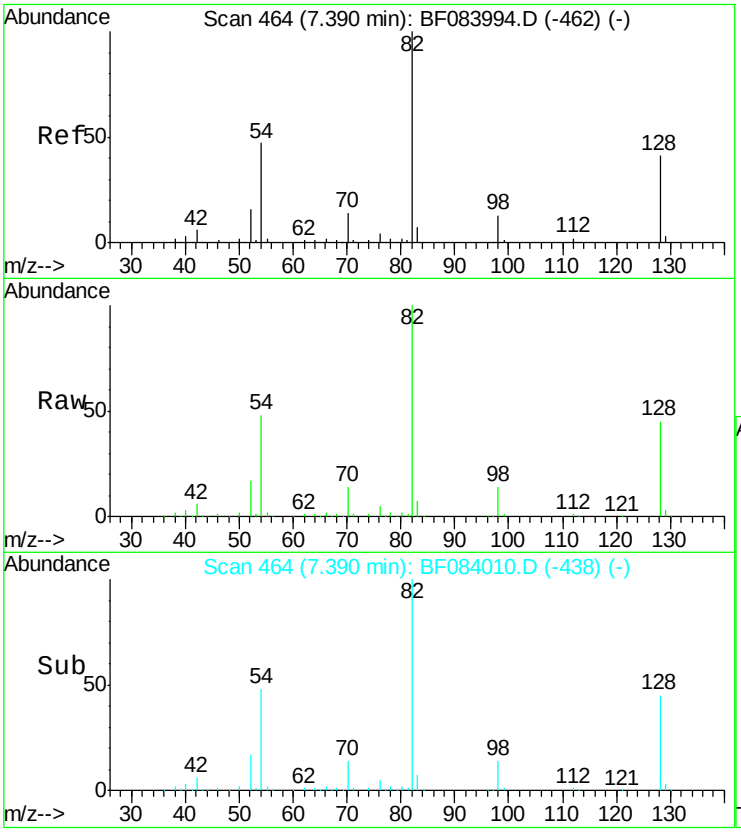


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:136 Resp: 181179

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.4	5.8	8.8
68	4.4	4.2	6.2



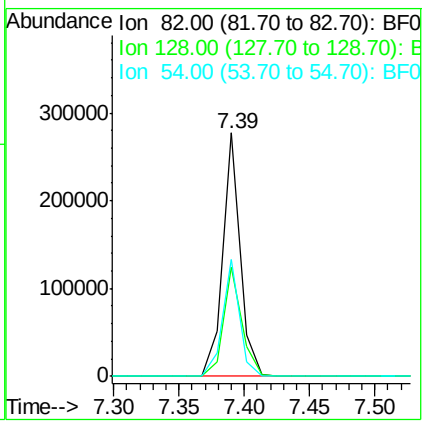


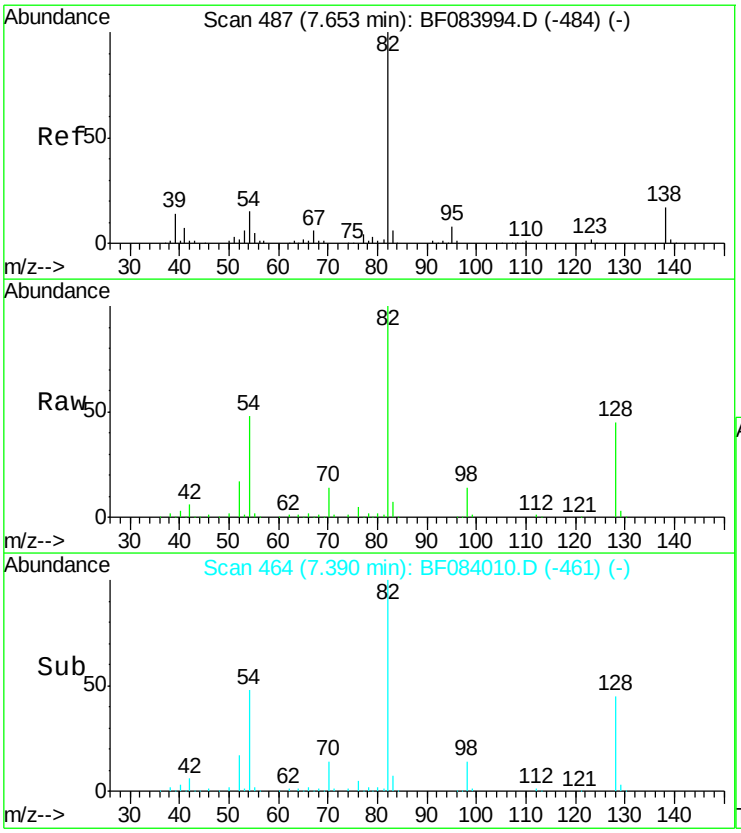
#23
Nitrobenzene-d5
Concen: 88.44 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion: 82 Resp: 260821

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	48.0	38.4	57.6

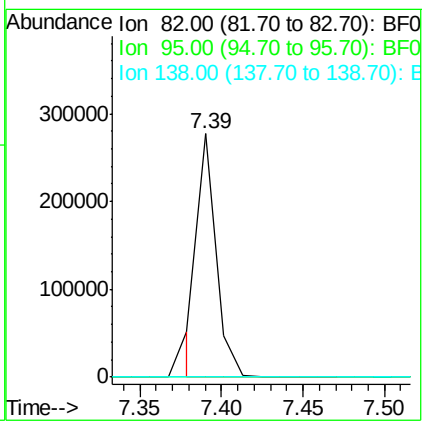


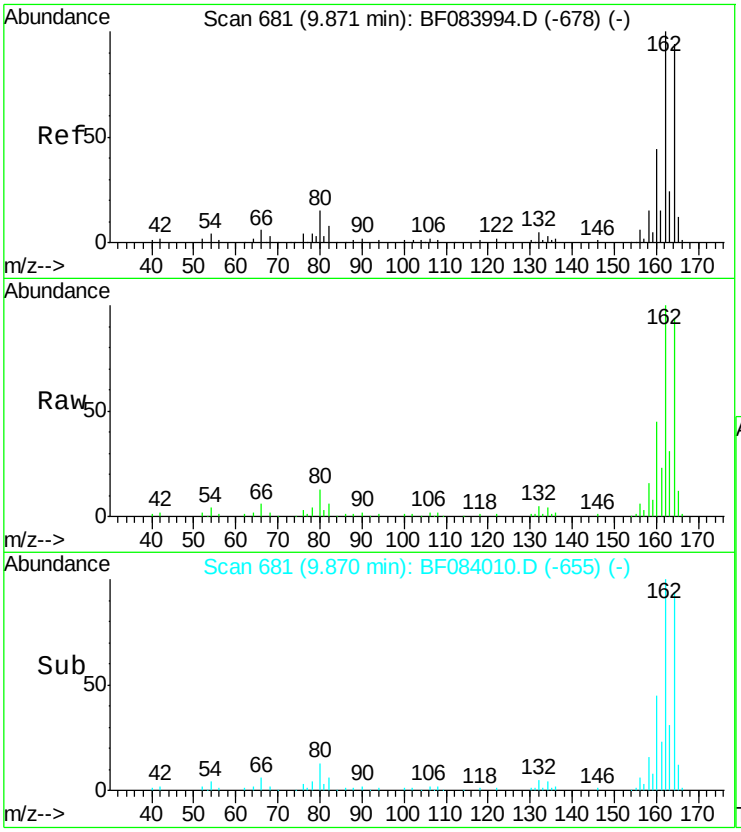


#25
Isophorone
Concen: 40.33 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion: 82 Resp: 225385

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



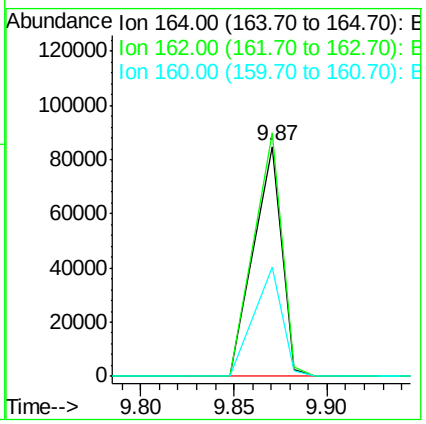


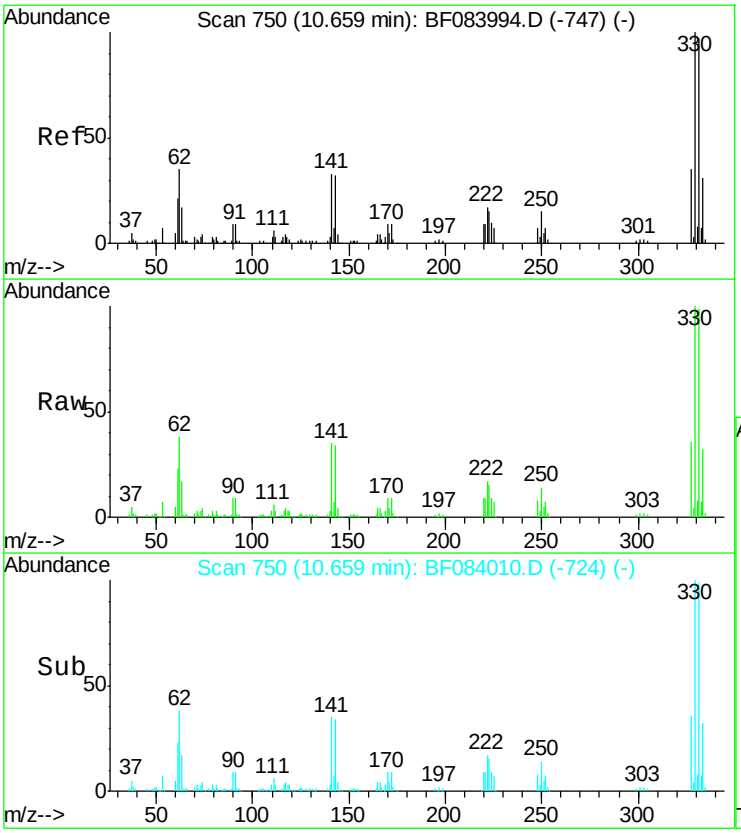
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:164 Resp: 88469

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.1	127.7
160	47.4	37.5	56.3

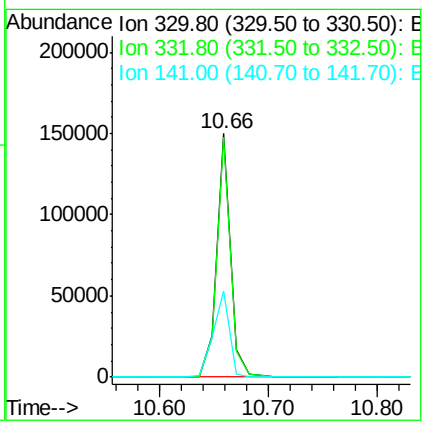


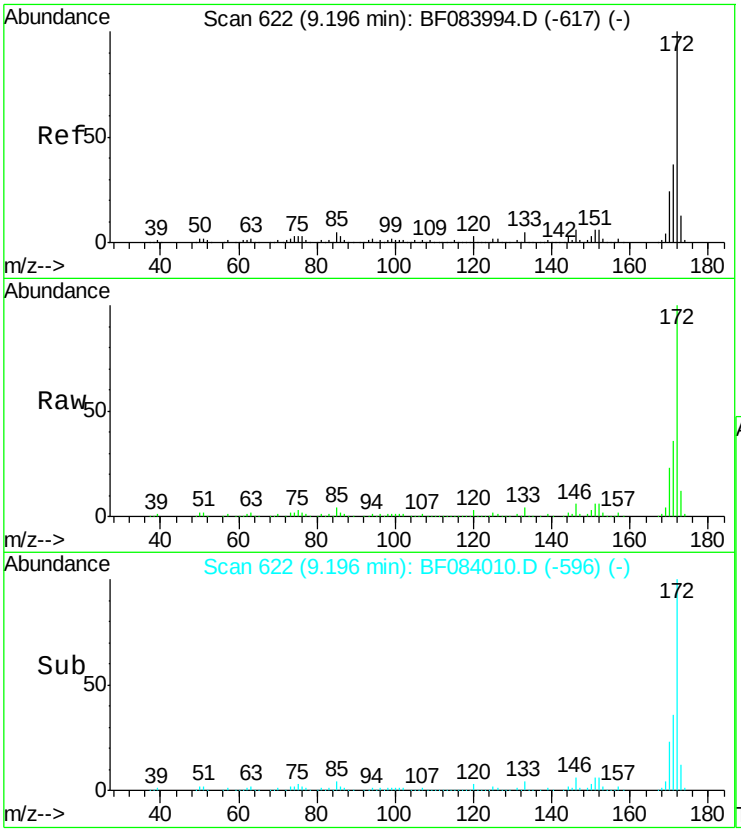


#41
2,4,6-Tribromophenol
Concen: 158.32 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:330 Resp: 134723

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	41.3	27.8	41.6



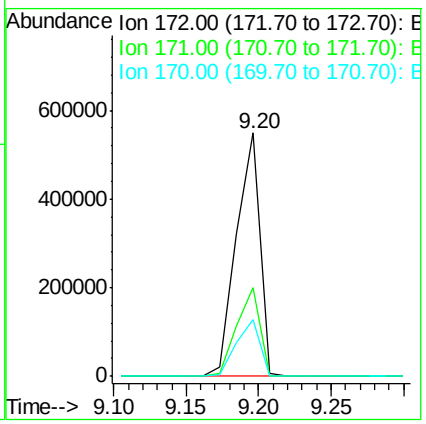


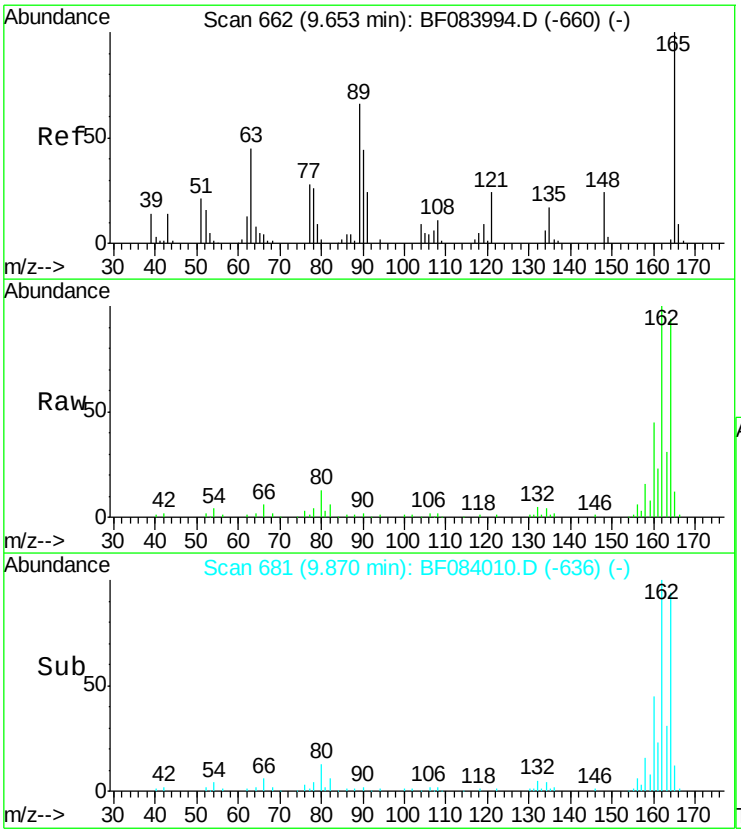
#44
2-Fluorobiphenyl
Concen: 93.77 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:172 Resp: 616402

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.4	18.6	27.8

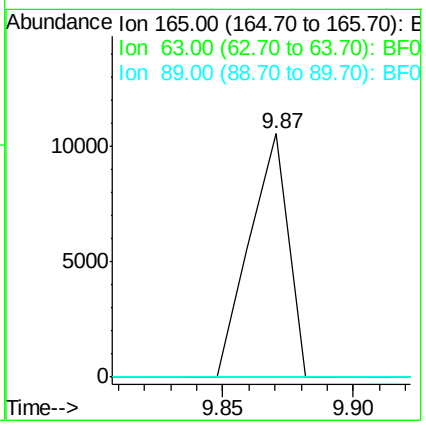


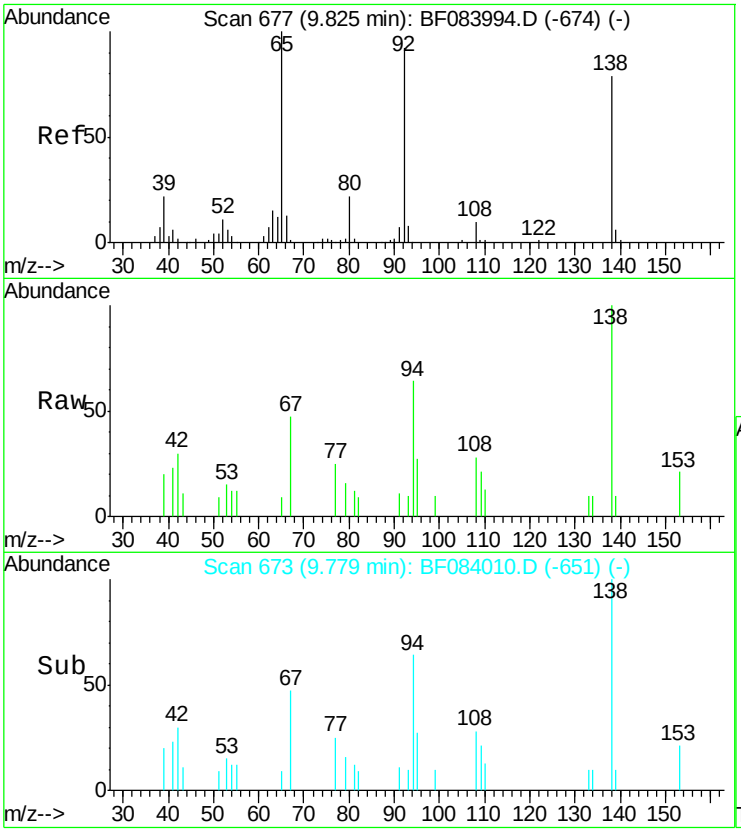


#50
2,6-Dinitrotoluene
Concen: 7.55 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:165 Resp: 11036

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



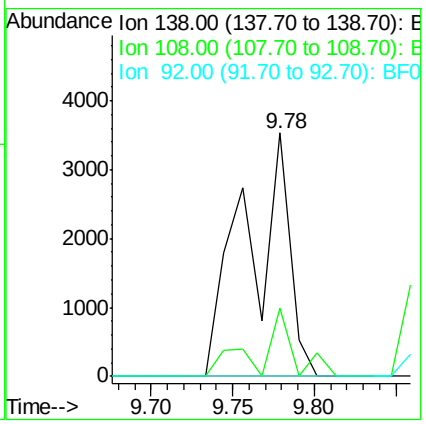


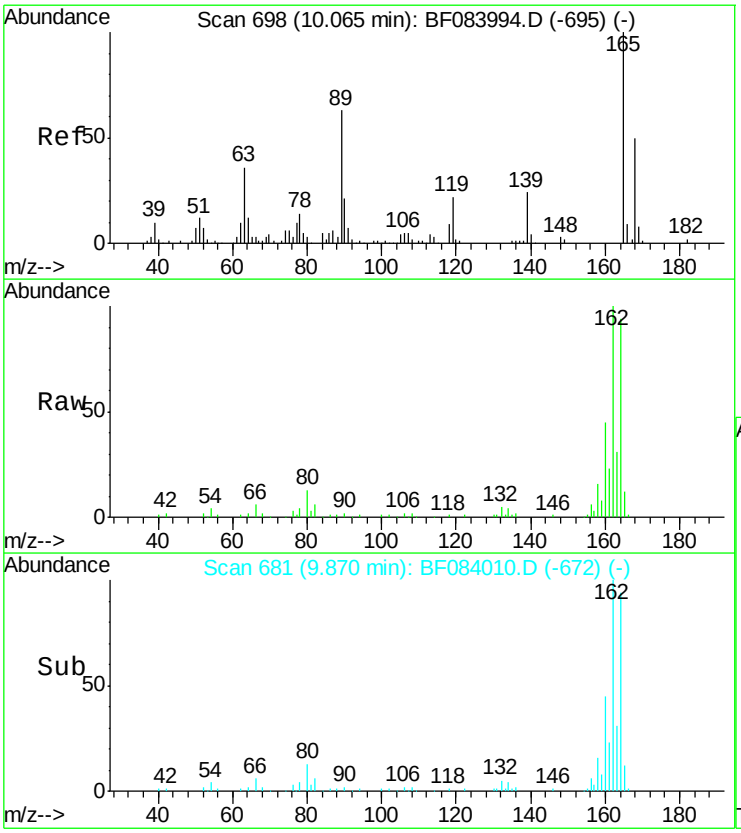
#52
3-Nitroaniline
Concen: 4.15 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:138 Resp: 6443

Ion	Ratio	Lower	Upper
138	100		
108	27.8	10.5	15.7#
92	0.0	103.9	155.9#

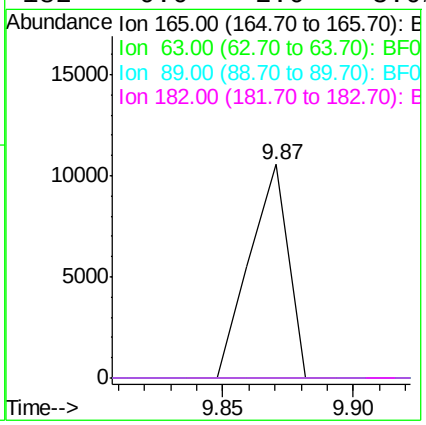


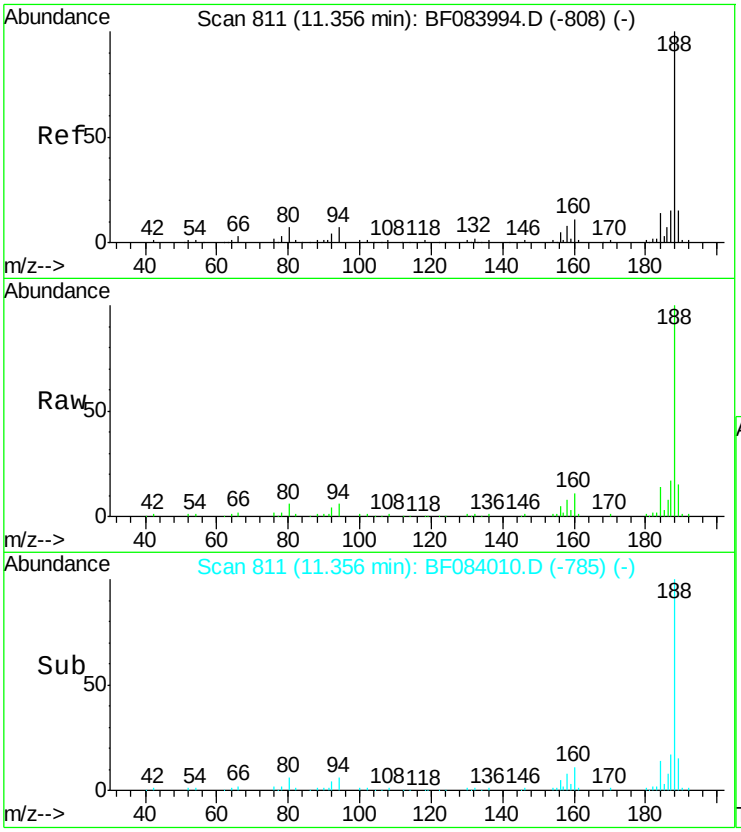


#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:165 Resp: 11036

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#



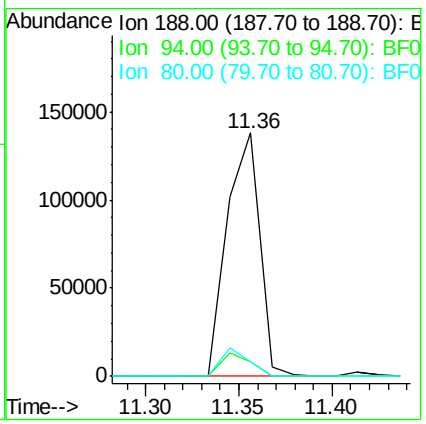


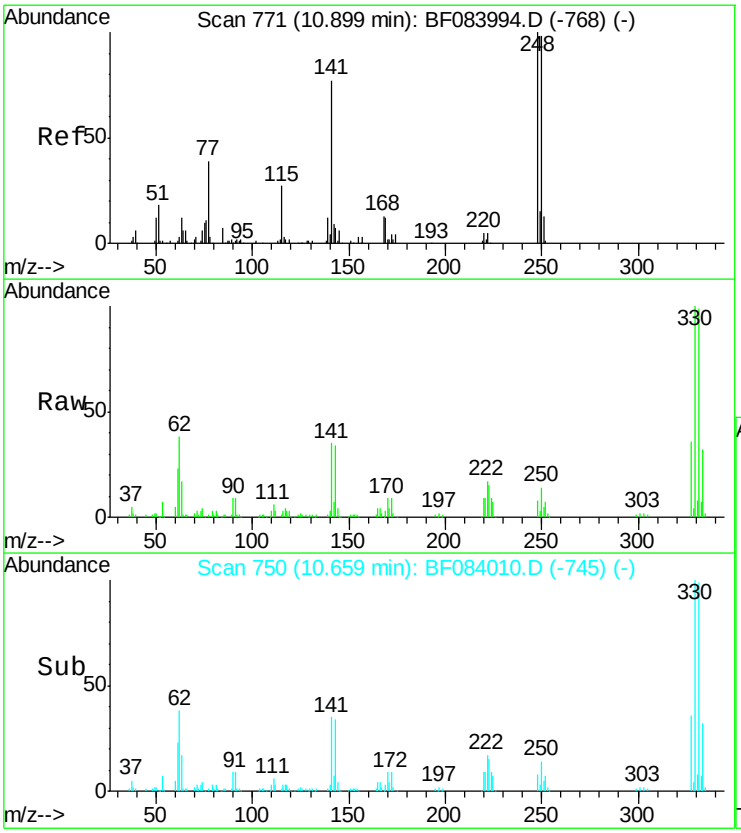
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:188 Resp: 168861

Ion	Ratio	Lower	Upper
188	100		
94	6.1	9.0	13.4#
80	6.1	9.6	14.4#

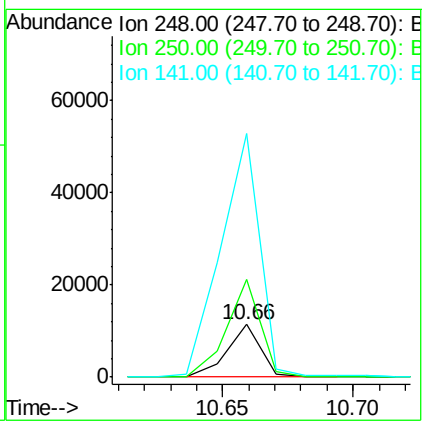


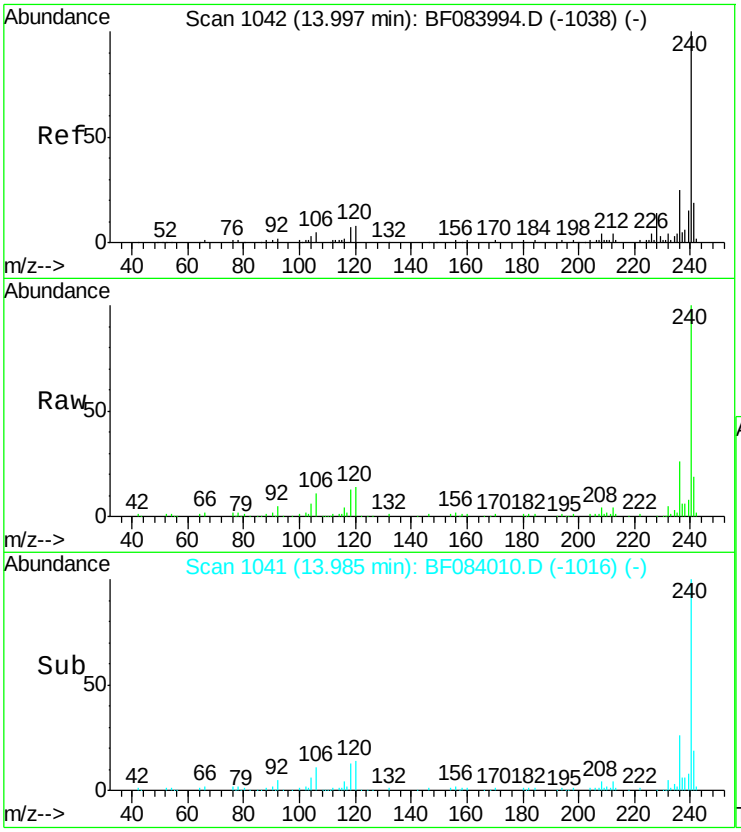


#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:248 Resp: 10274

Ion	Ratio	Lower	Upper
248	100		
250	184.5	78.4	117.6#
141	462.0	44.0	66.0#



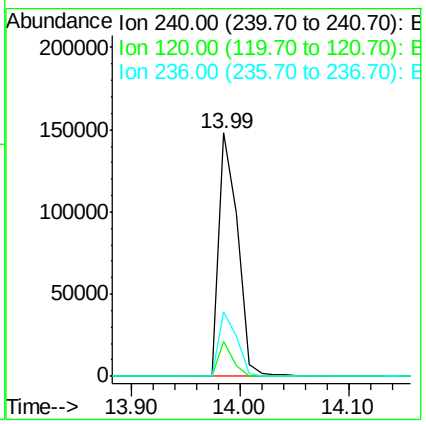


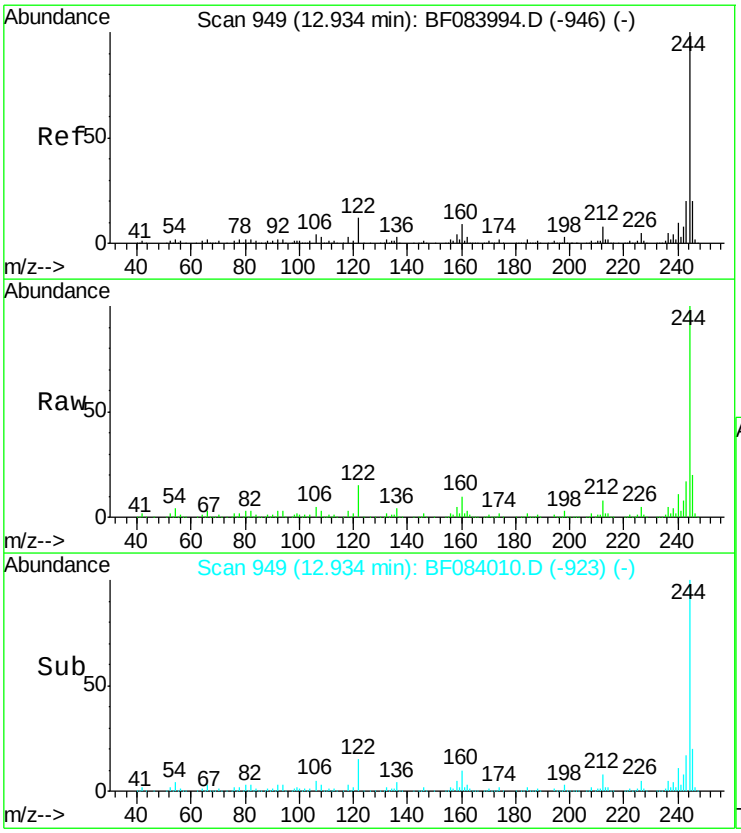
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:240 Resp: 177543

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3#
236	26.3	20.6	31.0

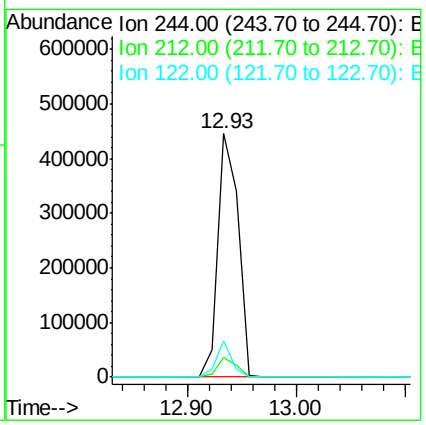


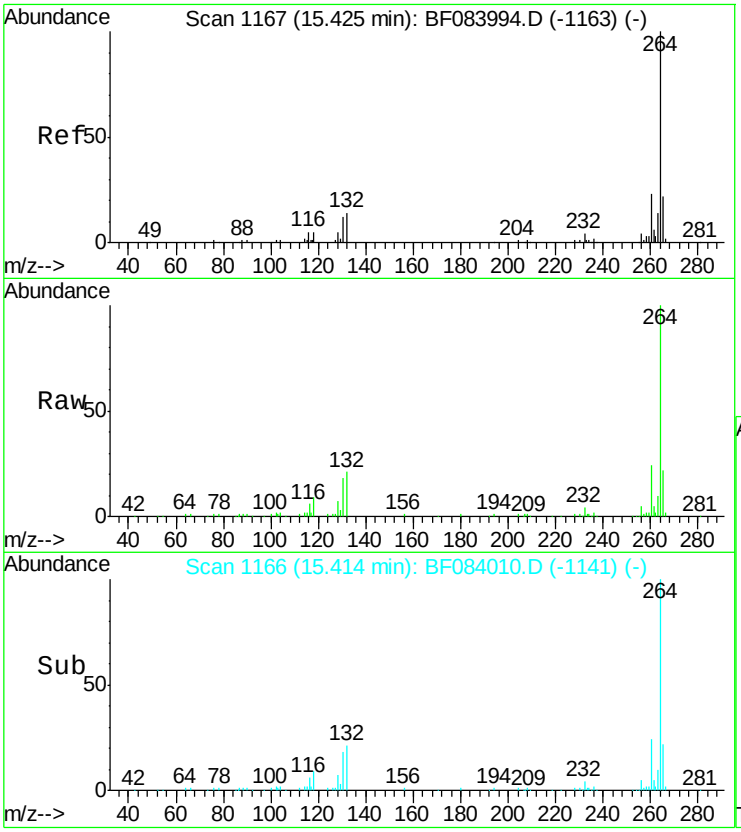


#78
Terphenyl-d14
Concen: 77.73 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Tgt Ion:244 Resp: 578678

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.8	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084010.D
Acq: 23 Dec 2015 1:29

Instrument :
BNA_F
ClientSampleId :
20151214MGP220BRV136.5

Tgt Ion:264 Resp: 155992

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.8	26.6