Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084012.D
Acq On : 23 Dec 2015 2:25
Operator : UM/SJ
Sample : G4916-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20151214MGP219BRV110

Quant Time: Dec 23 03:17:17 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	43932	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	175220	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	87740	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	170900	20.00	ng		0.00
75) Chrysene-d12	13.99	240	171822	20.00	ng		-0.01
86) Perylene-d12	15.41	264	151437	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	175433	68.09	ng		0.01
7) Phenol-d6	6.48	99	154556	51.02	ng		0.00
23) Nitrobenzene-d5	7.39	82	257940	90.43	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	141552	167.73	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	631396	96.85	ng		0.00
78) Terphenyl-d14	12.93	244	635147	88.16	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	7380	3.65	ng		89
15) Benzyl Alcohol	6.98	79	5212	2.19	ng	#	47
19) n-Nitroso-di-n-propylamine	7.39	70	34692	18.90	ng	#	77
25) Isophorone	7.39	82	228944	42.36	ng	#	66
50) 2,6-Dinitrotoluene	9.87	165	10657	7.35	ng	#	35
52) 3-Nitroaniline	9.78	138	5273	3.43	ng	#	1
56) 2,4-Dinitrotoluene	9.87	165	10657	5.85	ng	#	20
66) 4-Bromophenyl-phenylether	10.66	248	9983	5.09	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
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Acq On : 23 Dec 2015 2:25
Operator : UM/SJ
Sample : G4916-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Quant Time: Dec 23 03:17:17 2015
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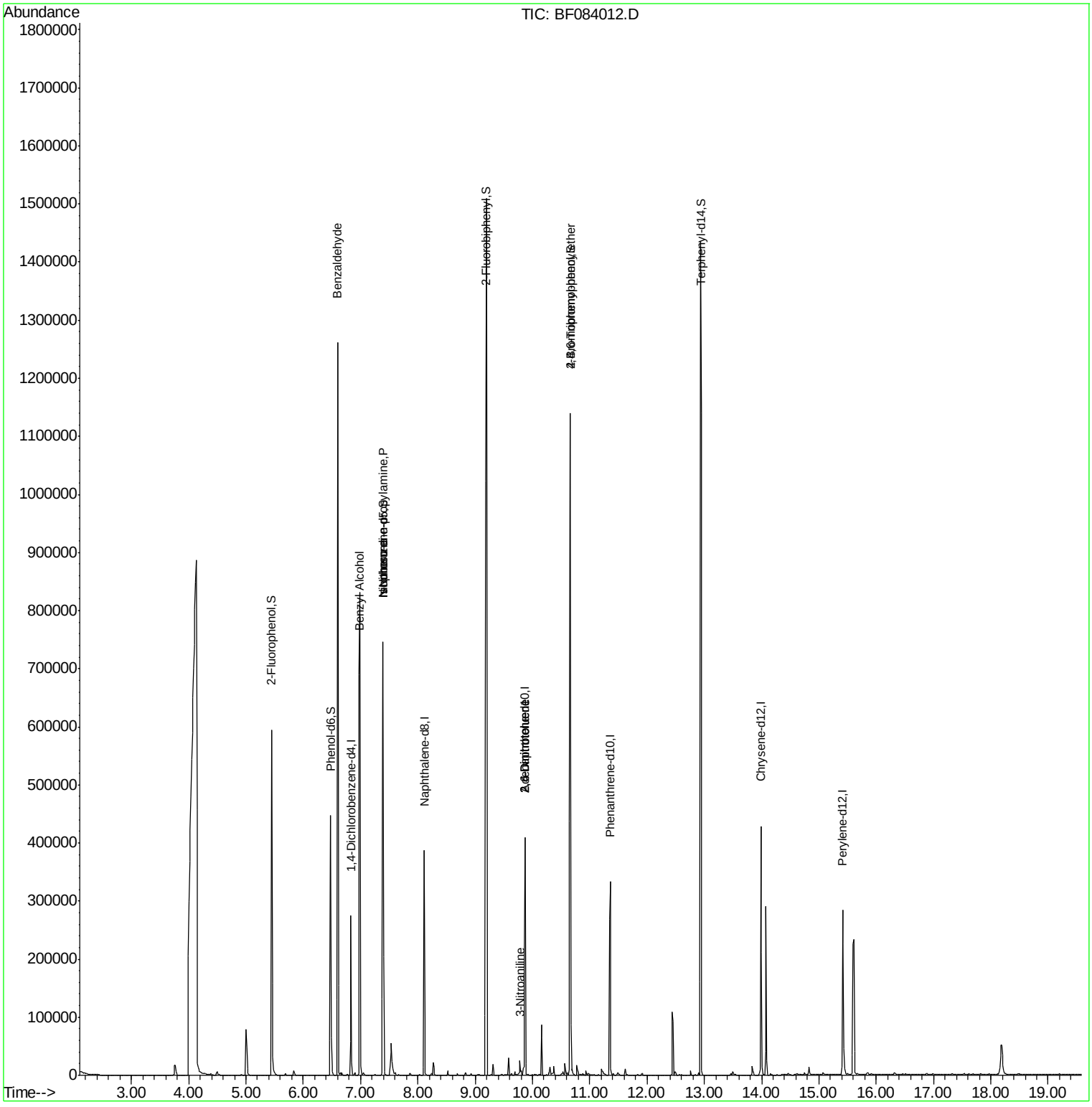
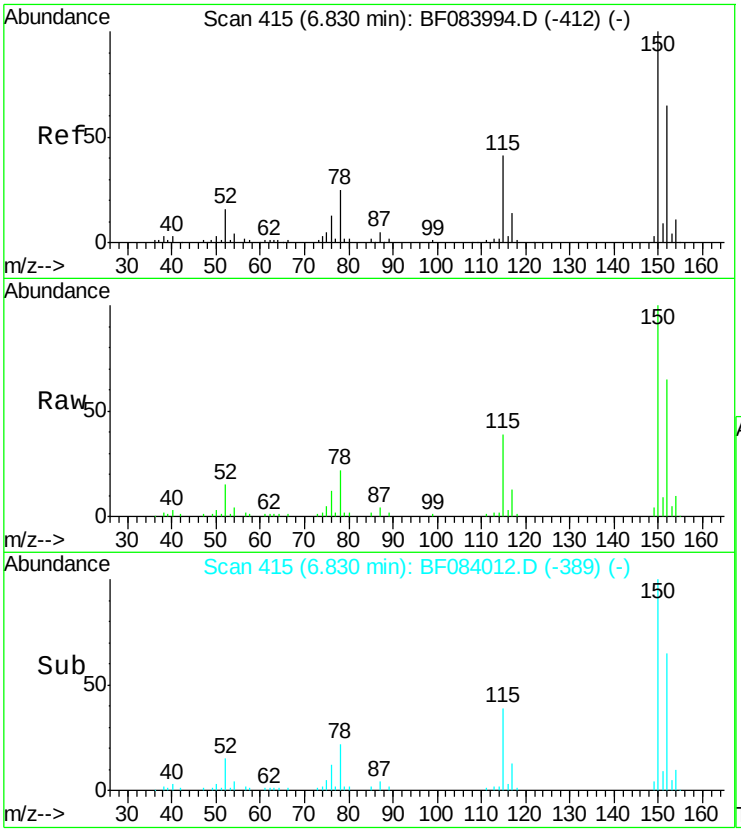
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



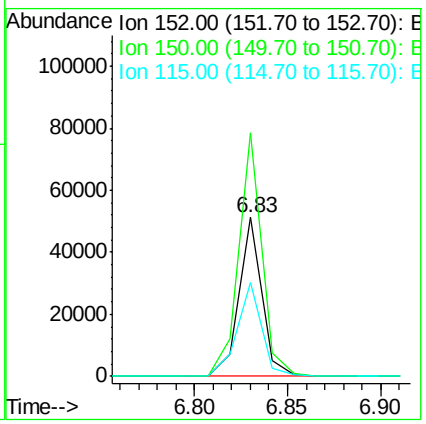


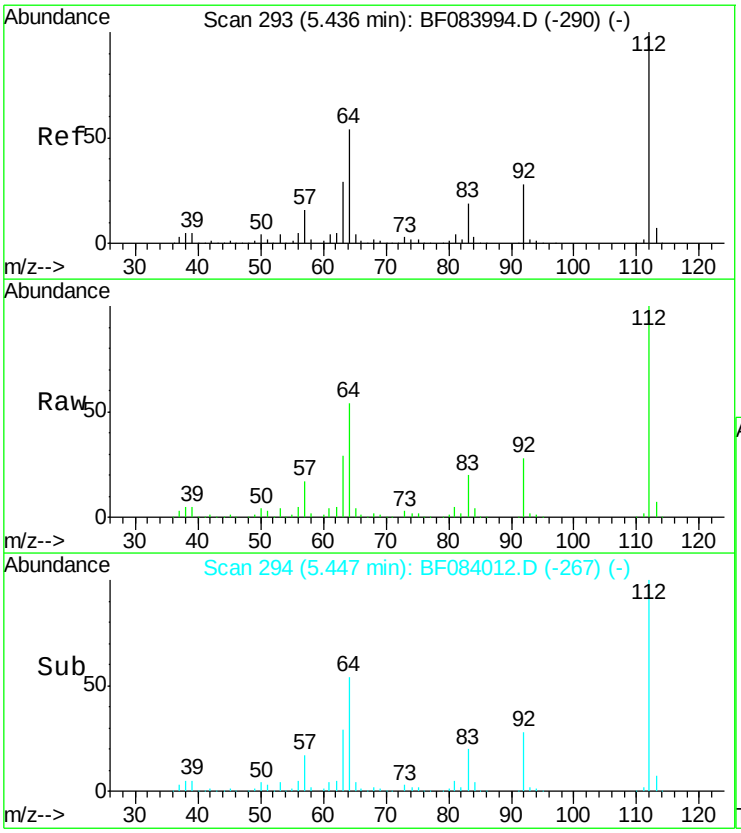
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:152 Resp: 43932

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	59.2	51.4	77.2

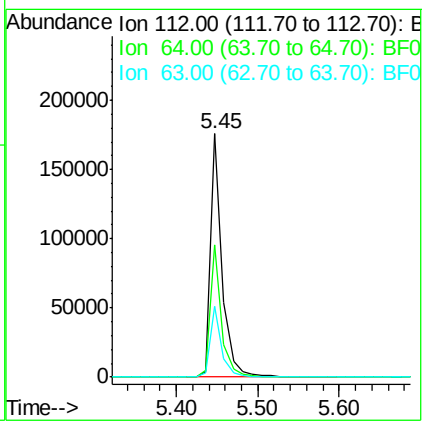


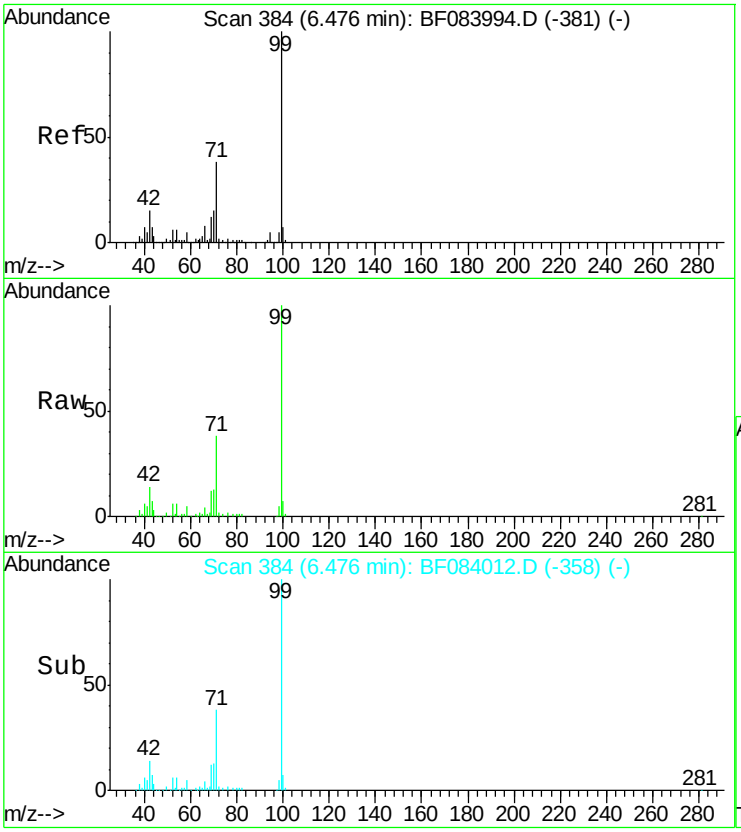


#5
2-Fluorophenol
Concen: 68.09 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:112 Resp: 175433

Ion	Ratio	Lower	Upper
112	100		
64	54.3	36.6	55.0
63	28.9	19.4	29.0



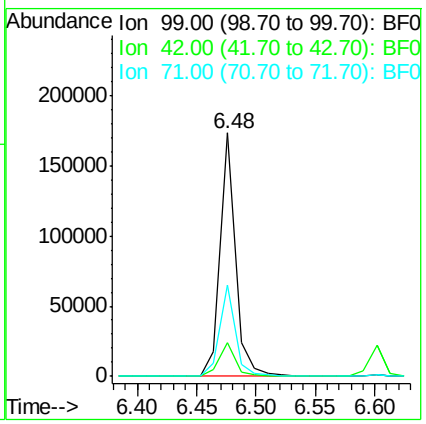


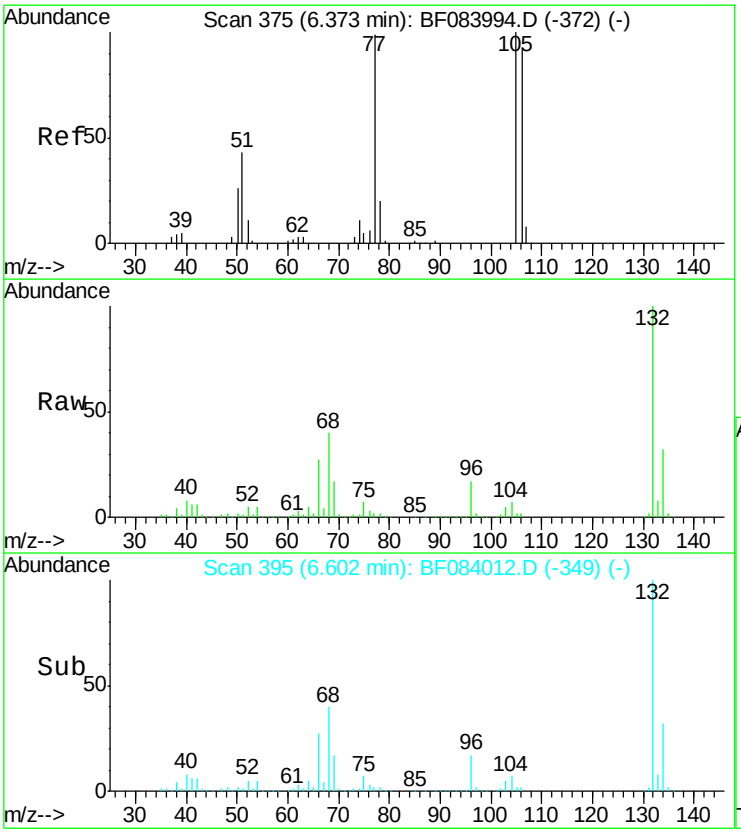
#7
Phenol-d6
Concen: 51.02 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion: 99 Resp: 154556

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.8	19.2
71	37.6	30.9	46.3

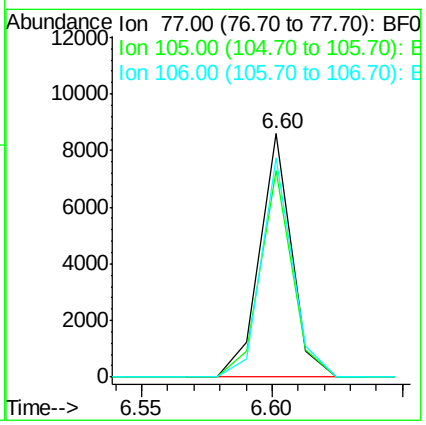


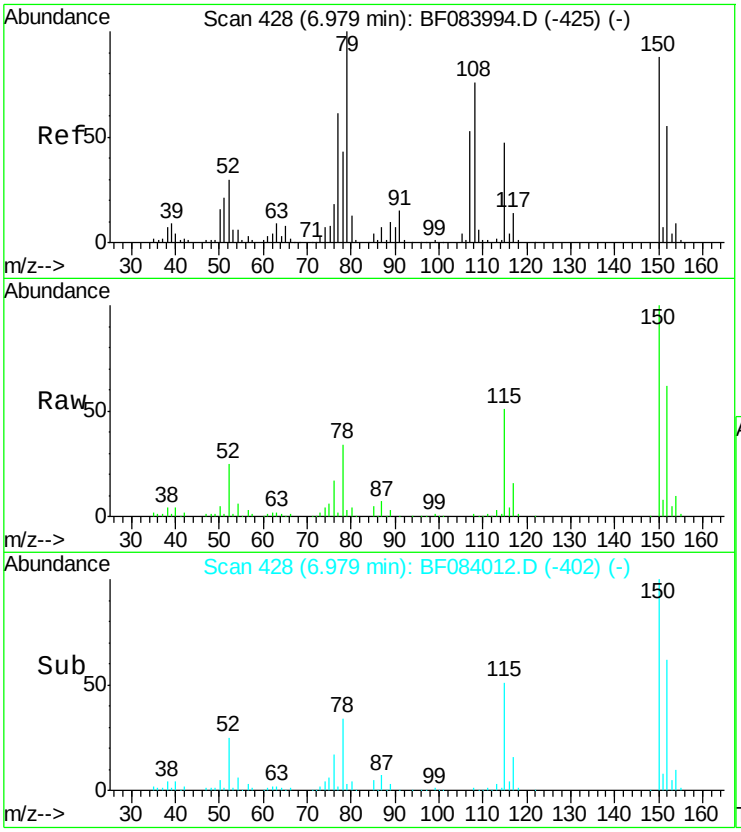


#9
Benzaldehyde
Concen: 3.65 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.23 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion: 77 Resp: 7380

Ion	Ratio	Lower	Upper
77	100		
105	84.9	83.0	123.0
106	90.1	74.6	114.6



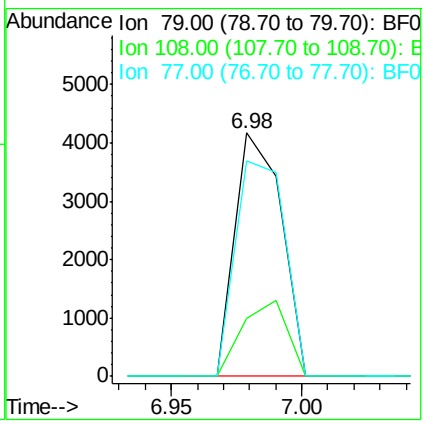


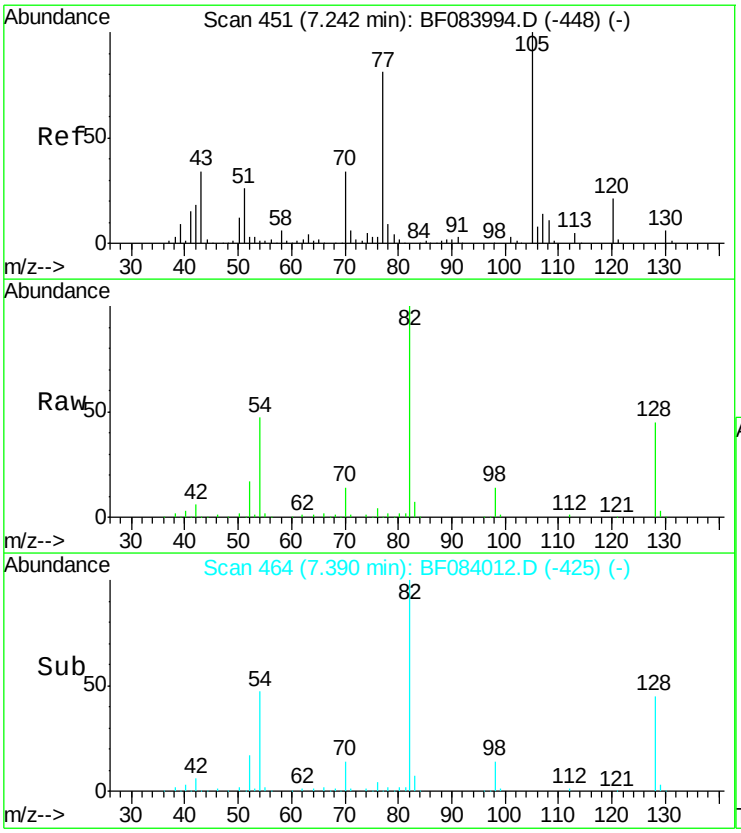
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion: 79 Resp: 5212

Ion	Ratio	Lower	Upper
79	100		
108	23.8	69.0	103.4#
77	88.3	50.0	75.0#

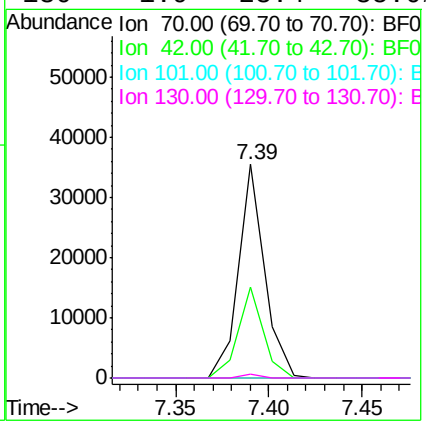


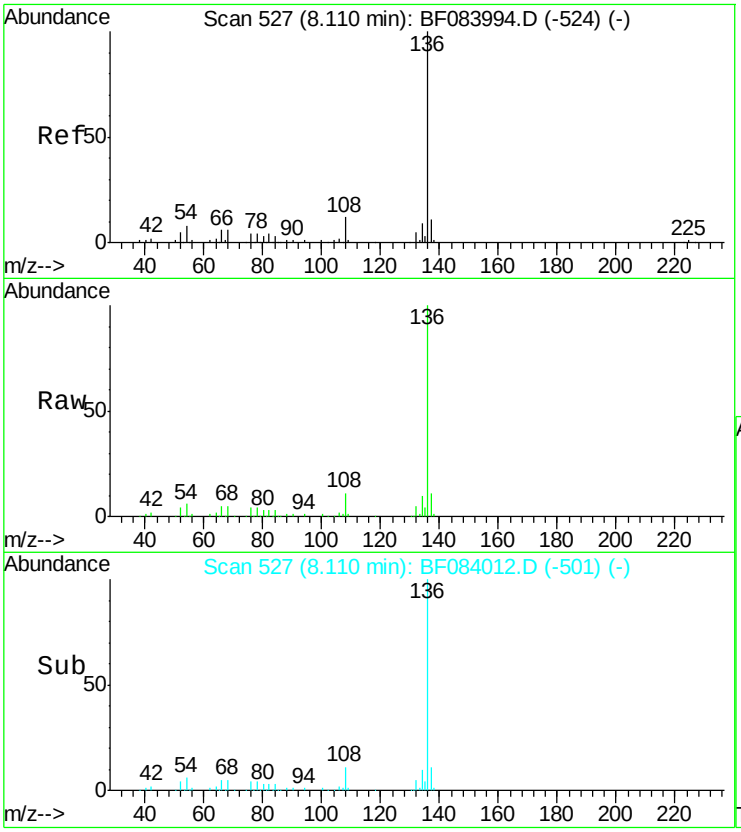


#19
n-Nitroso-di-n-propylamine
Concen: 18.90 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion: 70 Resp: 34692

Ion	Ratio	Lower	Upper
70	100		
42	42.5	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



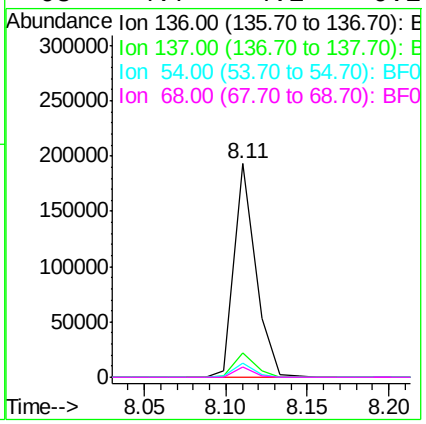


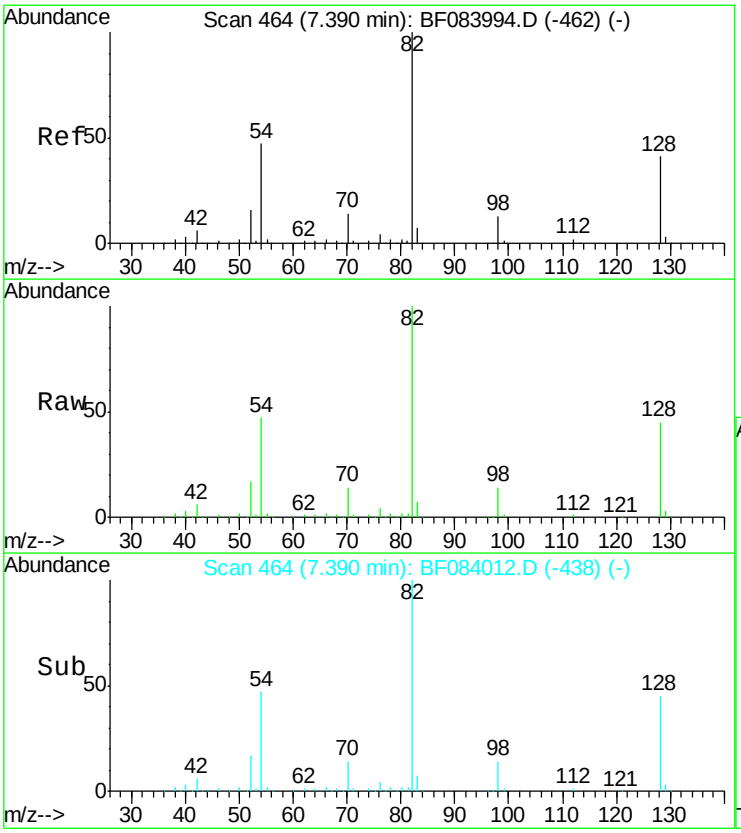
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:136 Resp: 175220

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.8	8.8
68	4.7	4.2	6.2

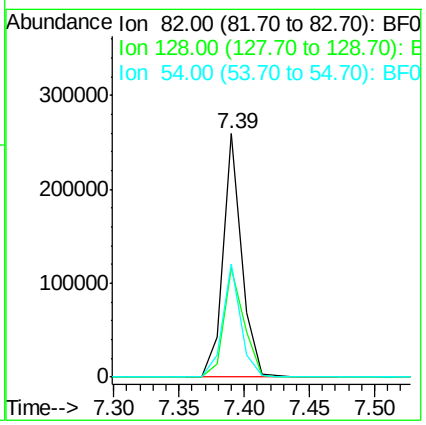


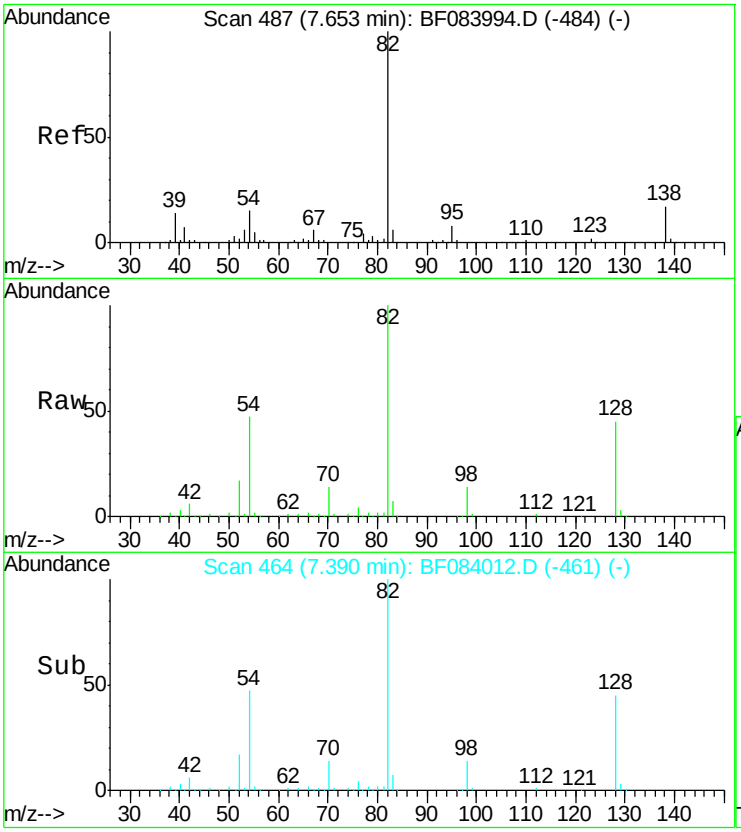


#23
Nitrobenzene-d5
Concen: 90.43 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion: 82 Resp: 257940

Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	46.7	38.4	57.6



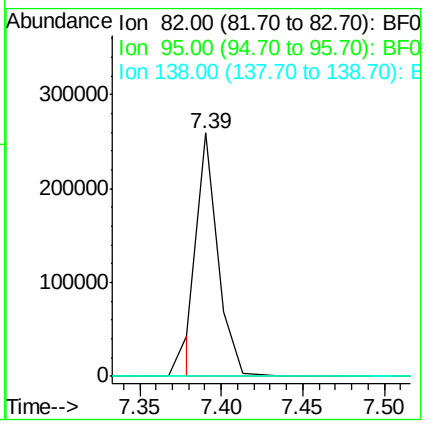


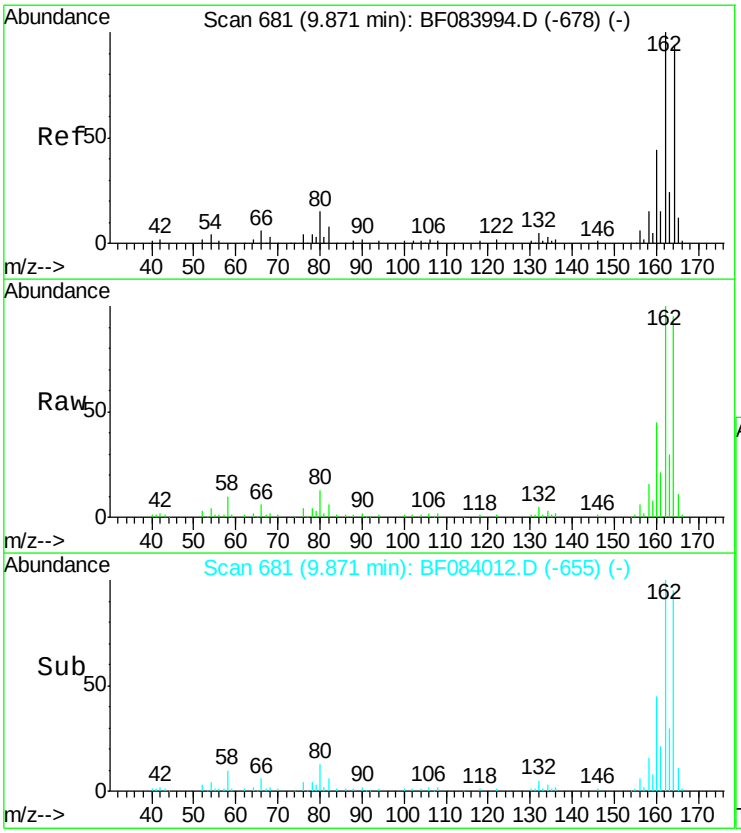
#25
Isophorone
Concen: 42.36 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.26 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion: 82 Resp: 228944

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

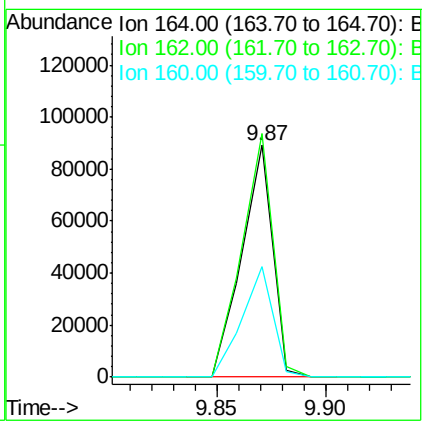


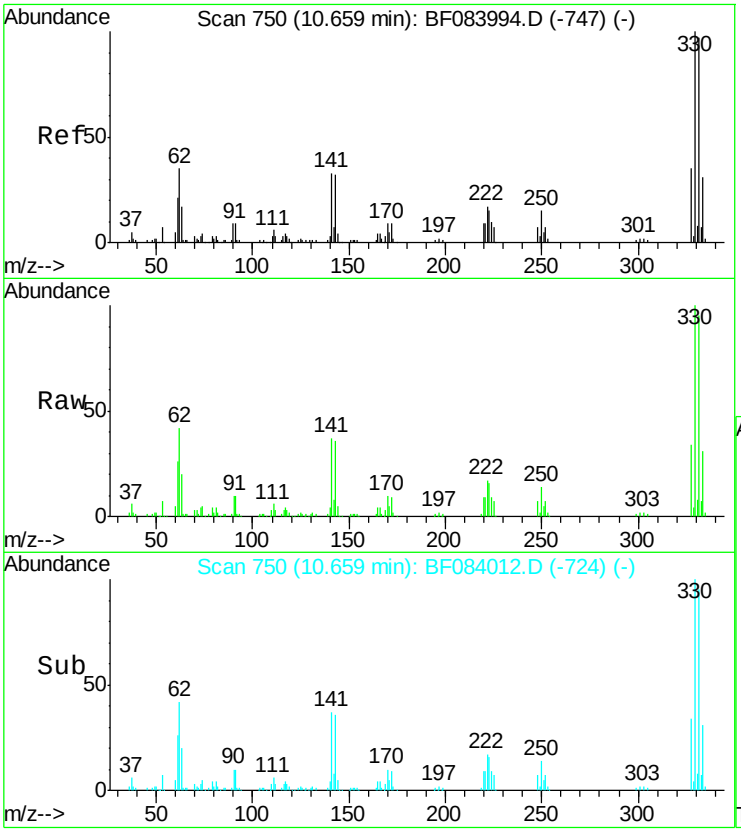


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:164 Resp: 87740

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.1	127.7
160	47.6	37.5	56.3



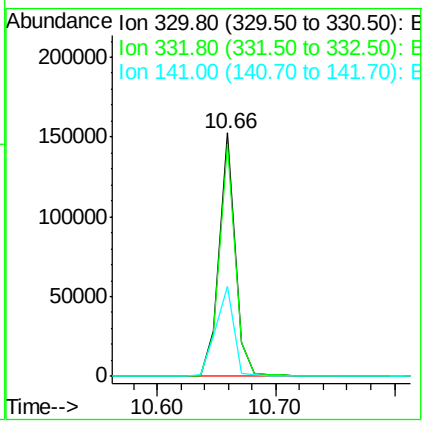


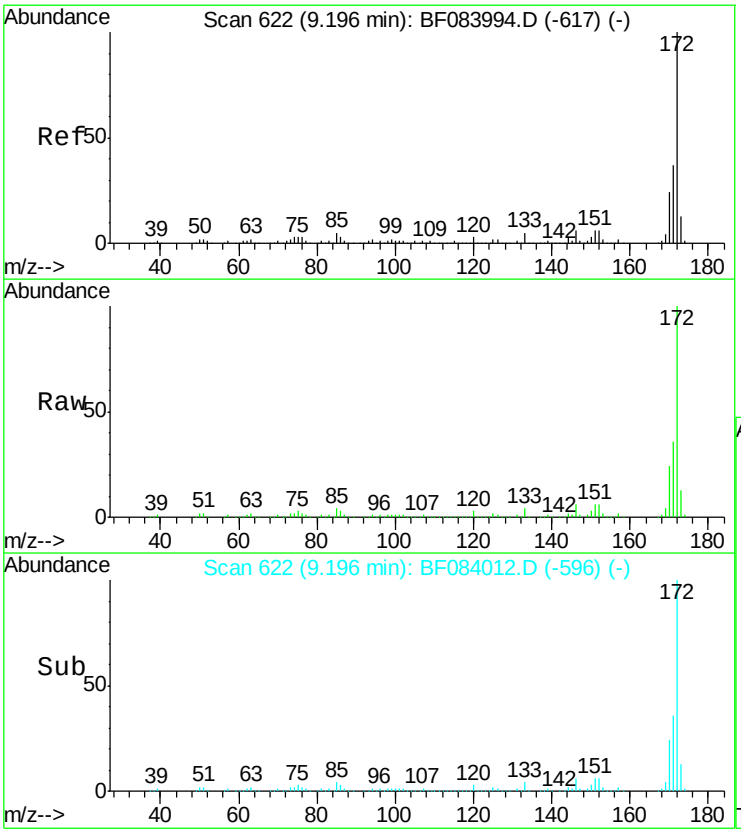
#41
2,4,6-Tribromophenol
Concen: 167.73 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:330 Resp: 141552

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	41.5	27.8	41.6

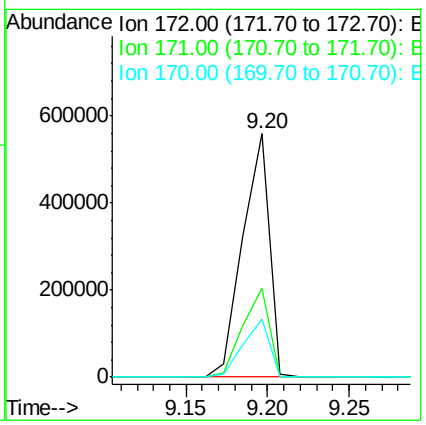


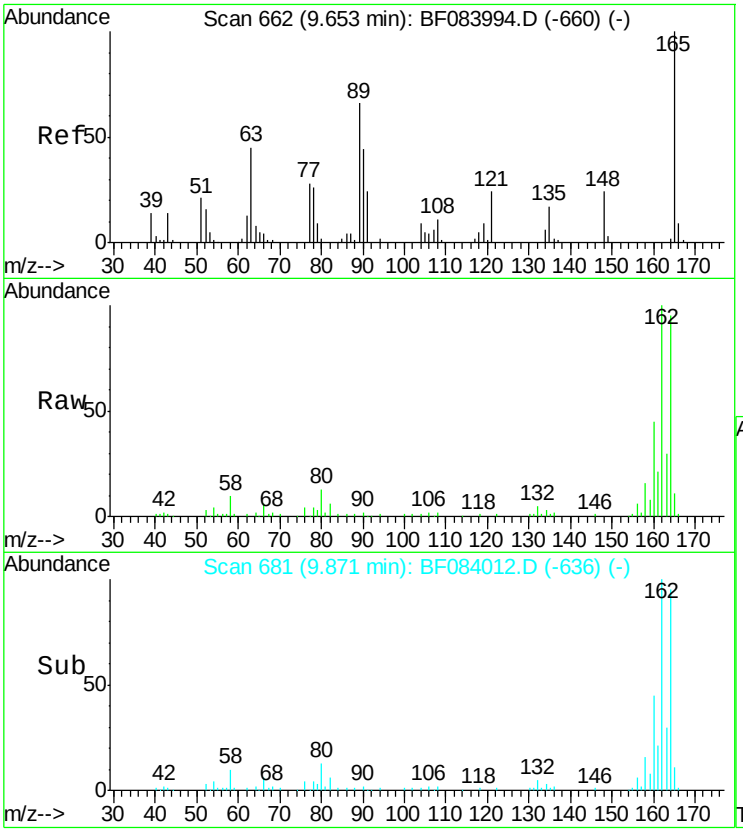


#44
2-Fluorobiphenyl
Concen: 96.85 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:172 Resp: 631396

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.9	18.6	27.8



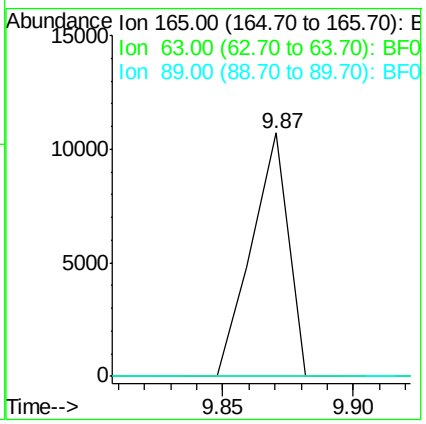


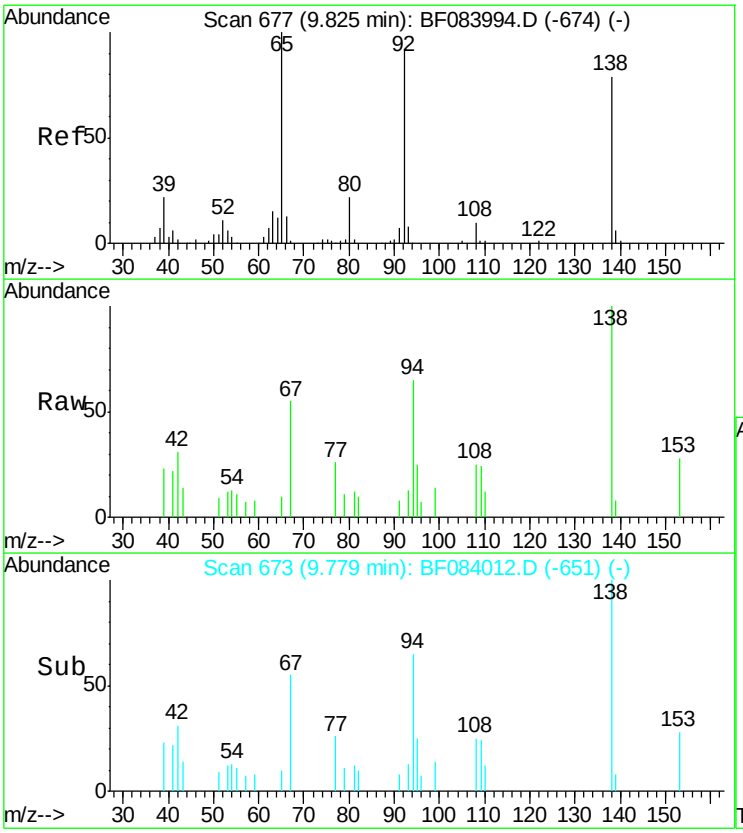
#50
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.22 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:165 Resp: 10657

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

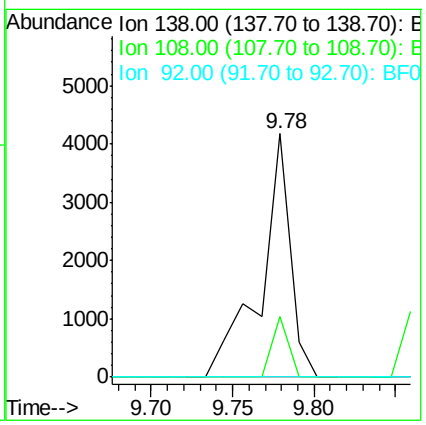


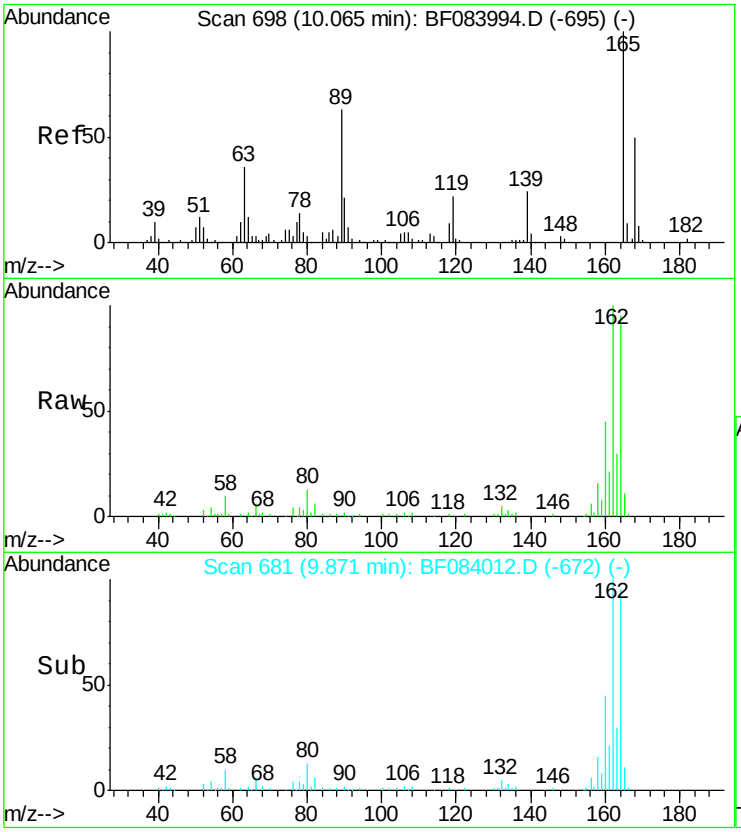


#52
3-Nitroaniline
Concen: 3.43 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:138 Resp: 5273

Ion	Ratio	Lower	Upper
138	100		
108	25.1	10.5	15.7#
92	0.0	103.9	155.9#



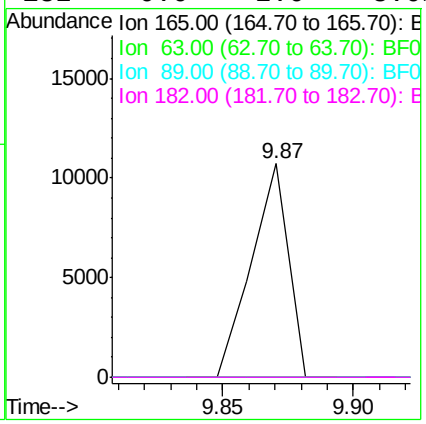


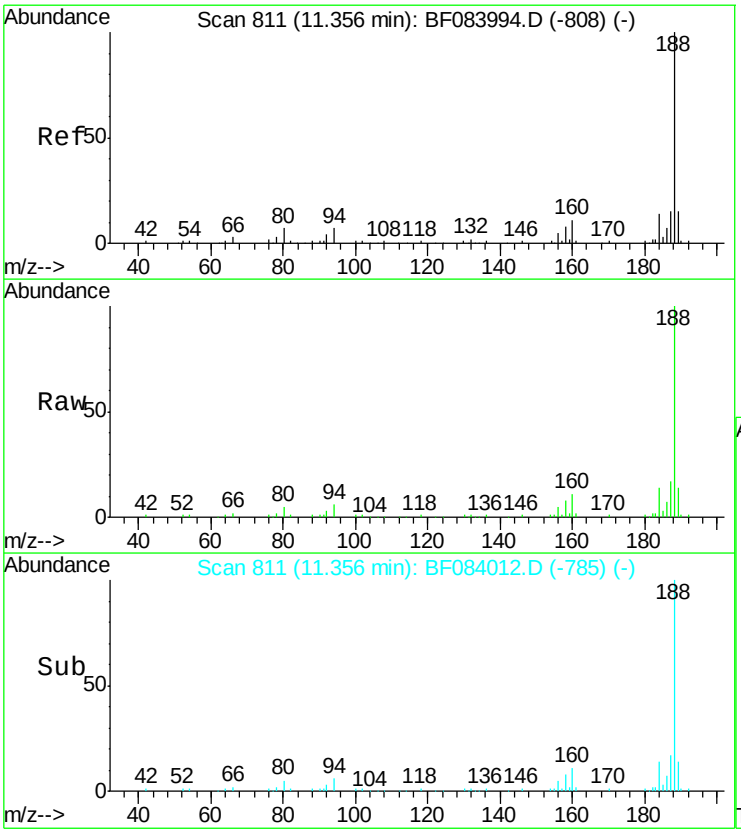
#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.19 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:165 Resp: 10657

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#

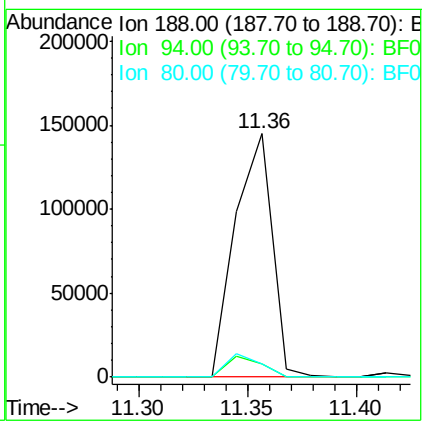


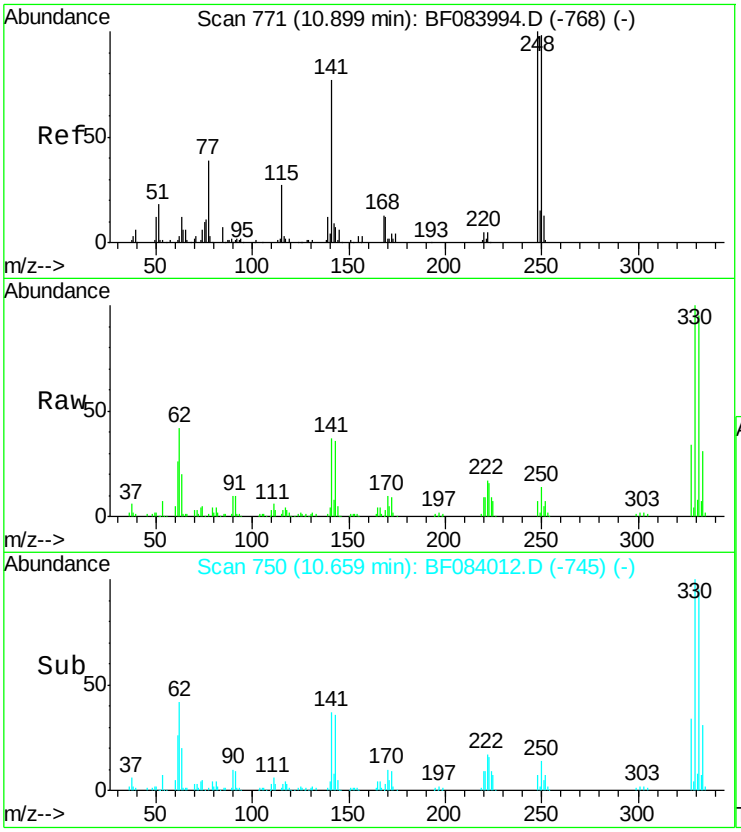


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:188 Resp: 170900

Ion	Ratio	Lower	Upper
188	100		
94	5.6	9.0	13.4#
80	5.4	9.6	14.4#



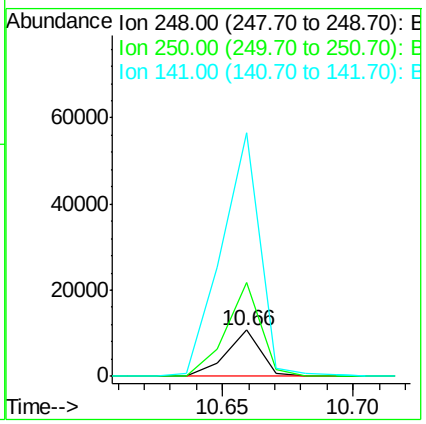


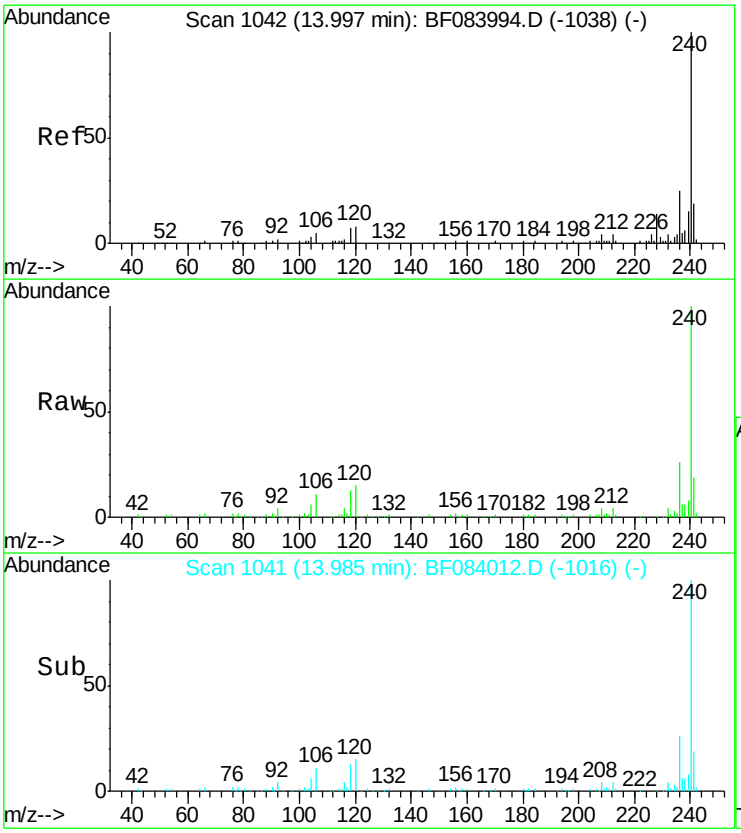
#66
4-Bromophenyl-phenylether
Concen: 5.09 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:248 Resp: 9983

Ion	Ratio	Lower	Upper
248	100		
250	203.3	78.4	117.6#
141	525.9	44.0	66.0#

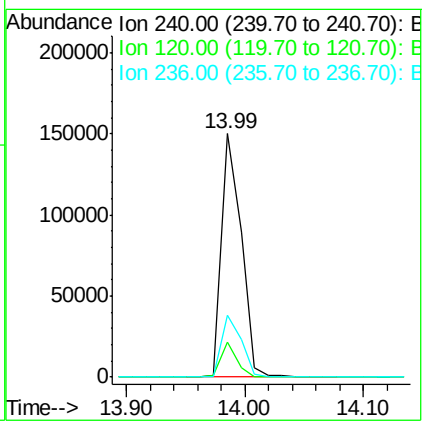


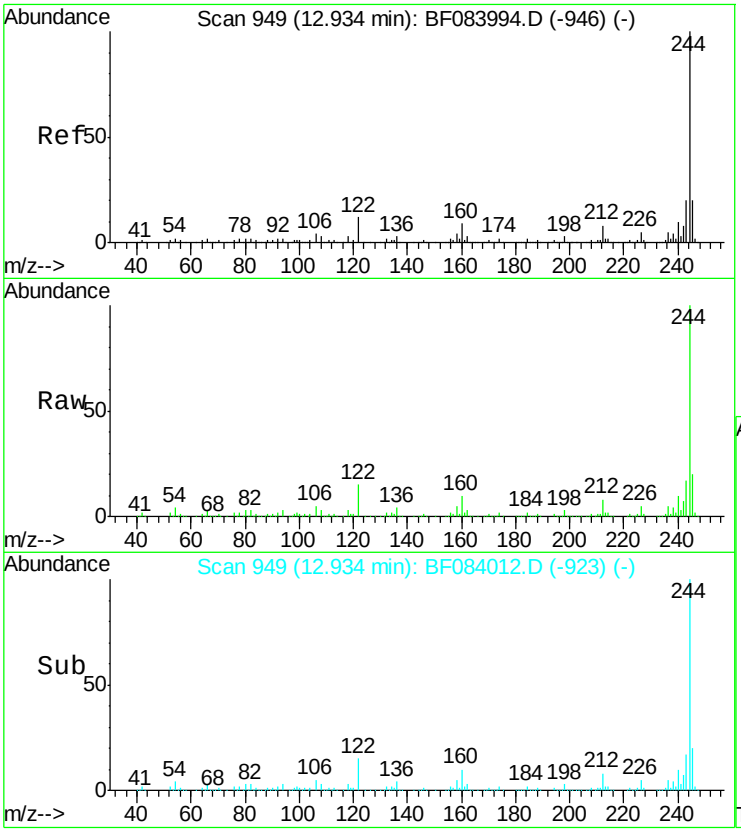


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:240 Resp: 171822

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.6	20.6	31.0



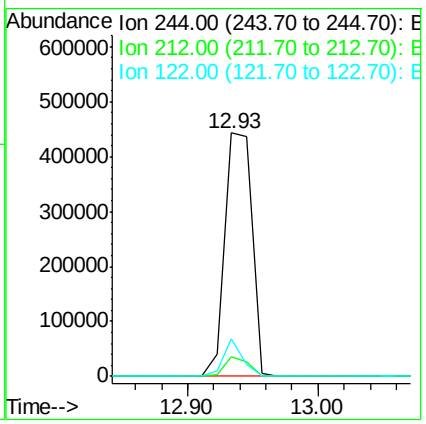


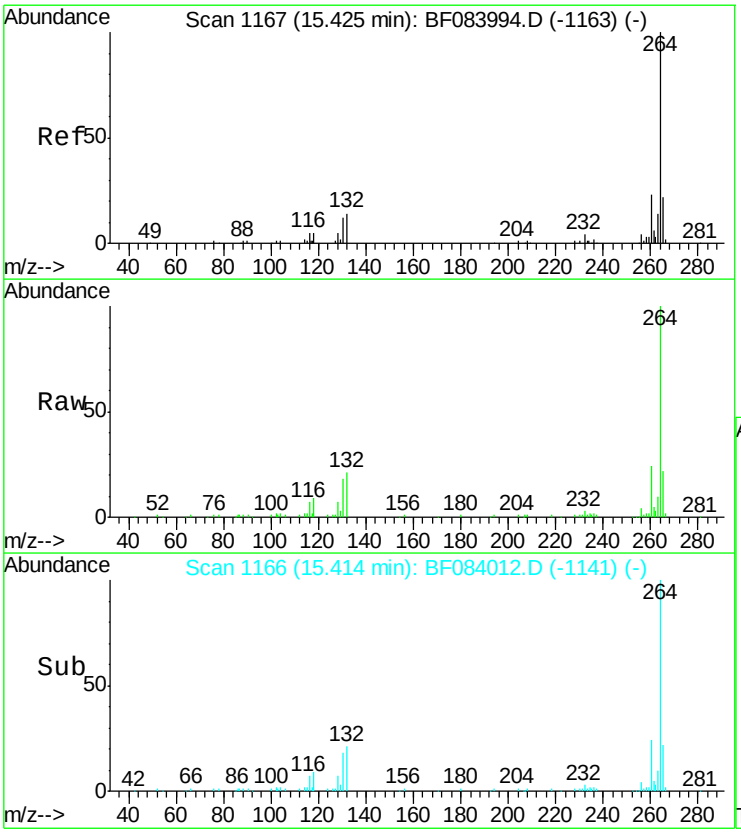
#78
Terphenyl-d14
Concen: 88.16 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084012.D
Acq: 23 Dec 2015 2:25

Instrument :
BNA_F
ClientSampleId :
20151214MGP219BRV110

Tgt Ion:244 Resp: 635147

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	15.2	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: BF084012.D
Acq: 23 Dec 2015 2:25

Tgt Ion:264 Resp: 151437

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.8	26.6