Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083912.D
Acq On : 18 Dec 2015 14:53
Operator : UM/SJ
Sample : PB87340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87340BL

Quant Time: Dec 19 04:14:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	54922	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	206921	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	110235	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	208842	20.00	ng		0.00
75) Chrysene-d12	14.03	240	183337	20.00	ng		0.00
86) Perylene-d12	15.47	264	140206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	404488	115.26	ng		0.01
7) Phenol-d6	6.51	99	432998	100.80	ng		0.00
23) Nitrobenzene-d5	7.42	82	272058	75.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	133642	110.05	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	640680	81.01	ng		-0.01
78) Terphenyl-d14	12.98	244	694990	88.92	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	8741	3.38	ng		88
19) n-Nitroso-di-n-propylamine	7.42	70	37200	14.85	ng	#	77
25) Isophorone	7.42	82	236248	34.63	ng	#	66
31) Naphthalene	8.27	128	240	Below Cal		#	1
45) 1,1'-Biphenyl	9.23	154	1306	Below Cal		#	1
50) 2,6-Dinitrotoluene	9.90	165	14456	7.16	ng	#	37
56) 2,4-Dinitrotoluene	9.90	165	14457	5.59	ng	#	21
57) Fluorene	10.69	166	5866	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.69	198	213	4.08	ng	#	1
66) 4-Bromophenyl-phenylether	10.69	248	8922	3.49	ng	#	1
77) Pyrene	12.98	202	2640	Below Cal		#	68

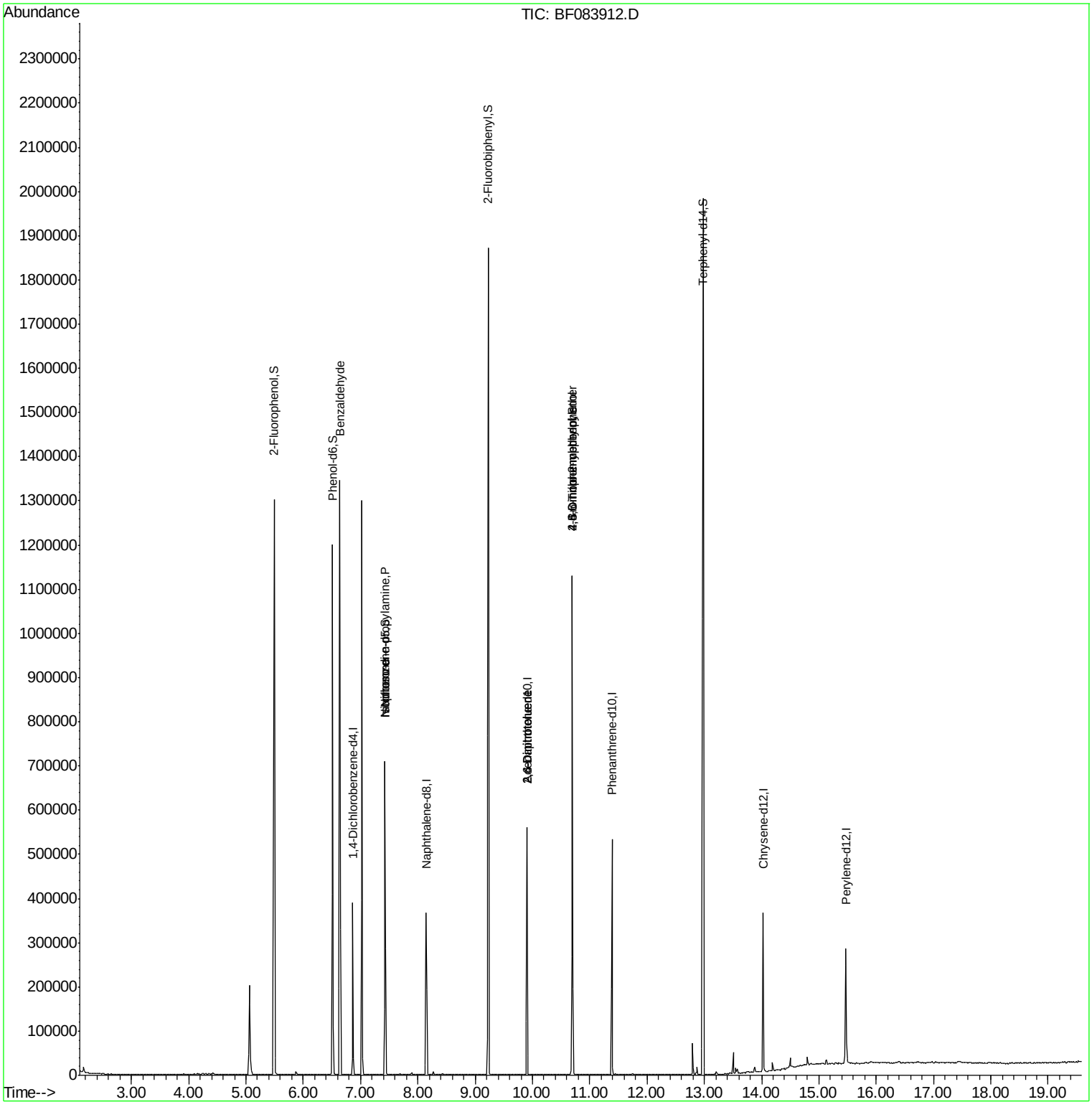
(#) = qualifier out of range (m) = manual integration (+) = signals summed

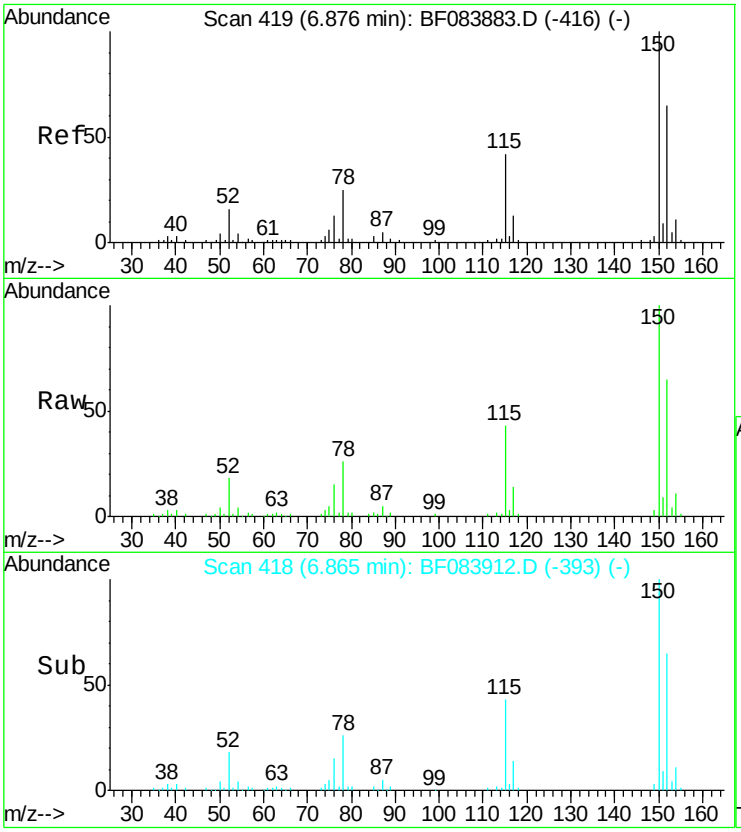
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083912.D
Acq On : 18 Dec 2015 14:53
Operator : UM/SJ
Sample : PB87340BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Quant Time: Dec 19 04:14:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



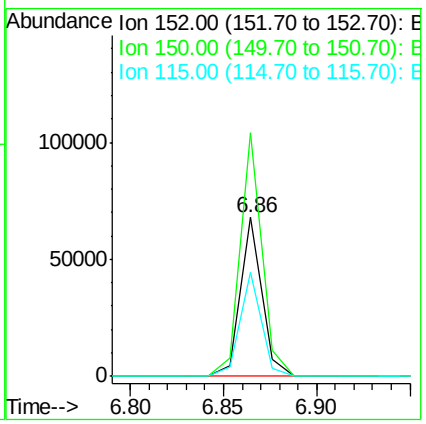


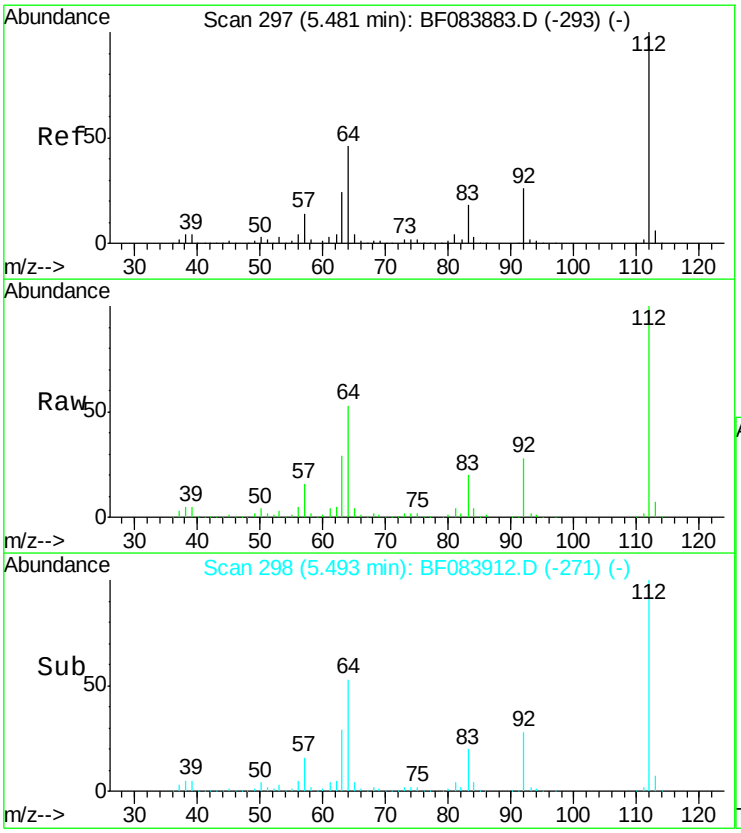
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:152 Resp: 54922

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.0	184.4
115	65.5	51.4	77.2

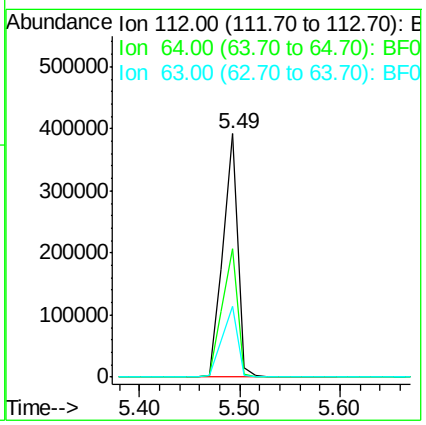


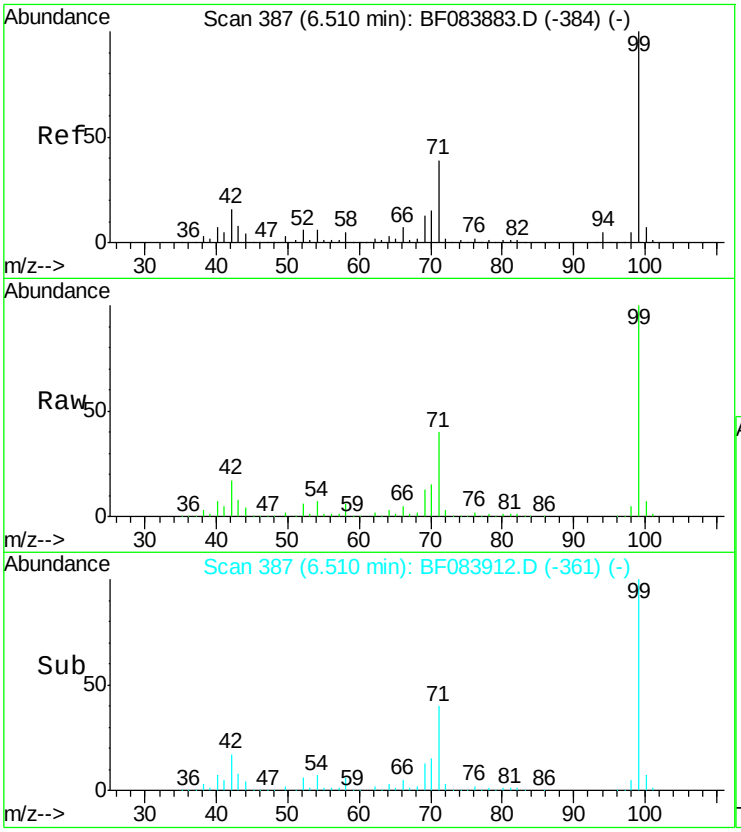


#5
2-Fluorophenol
Concen: 115.26 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:112 Resp: 404488

Ion	Ratio	Lower	Upper
112	100		
64	52.7	36.6	55.0
63	28.9	19.4	29.0



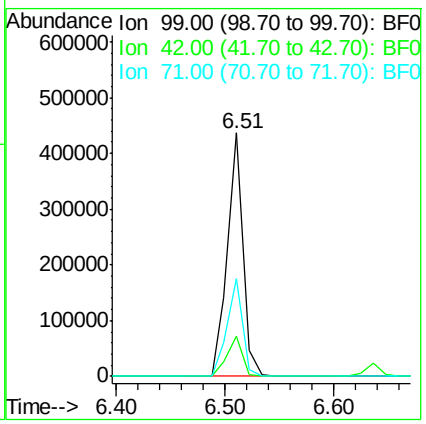


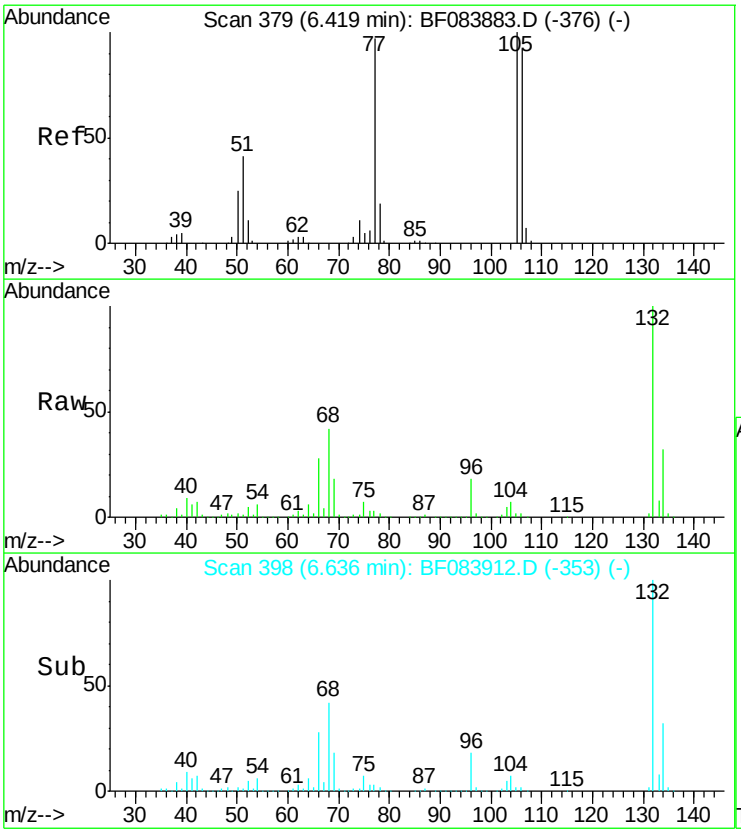
#7
Phenol-d6
Concen: 100.80 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion: 99 Resp: 432998

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.8	19.2
71	40.1	30.9	46.3

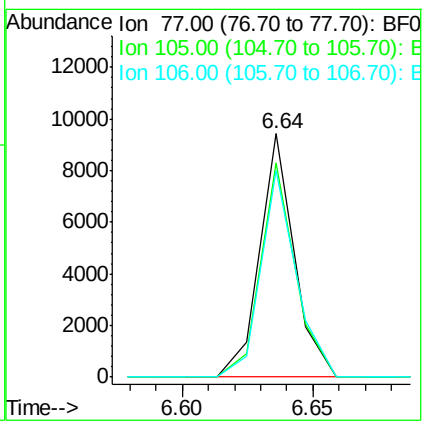


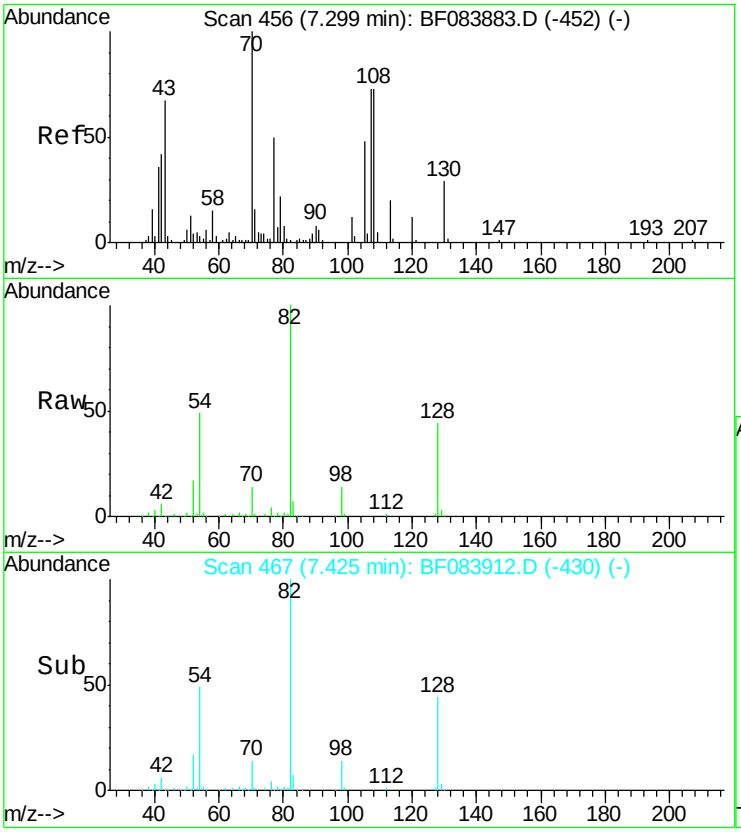


#9
Benzaldehyde
Concen: 3.38 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.22 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion: 77 Resp: 8741

Ion	Ratio	Lower	Upper
77	100		
105	88.2	83.0	123.0
106	85.0	74.6	114.6



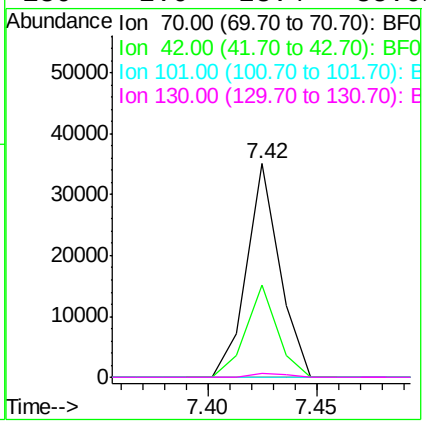


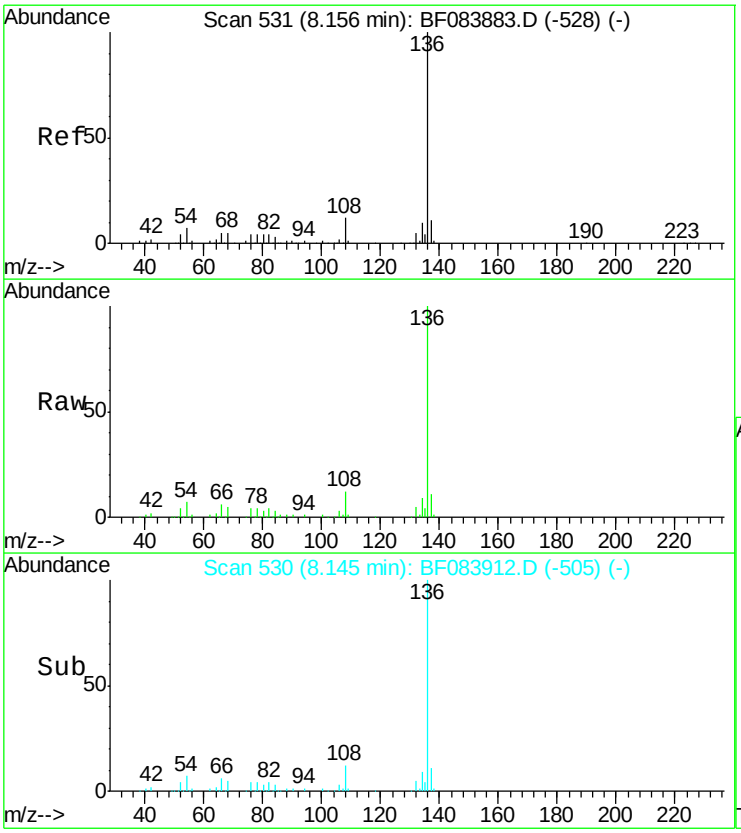
#19
n-Nitroso-di-n-propylamine
Concen: 14.85 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion: 70 Resp: 37200

Ion	Ratio	Lower	Upper
70	100		
42	42.9	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

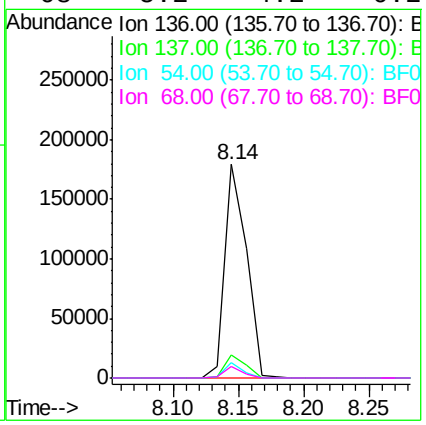


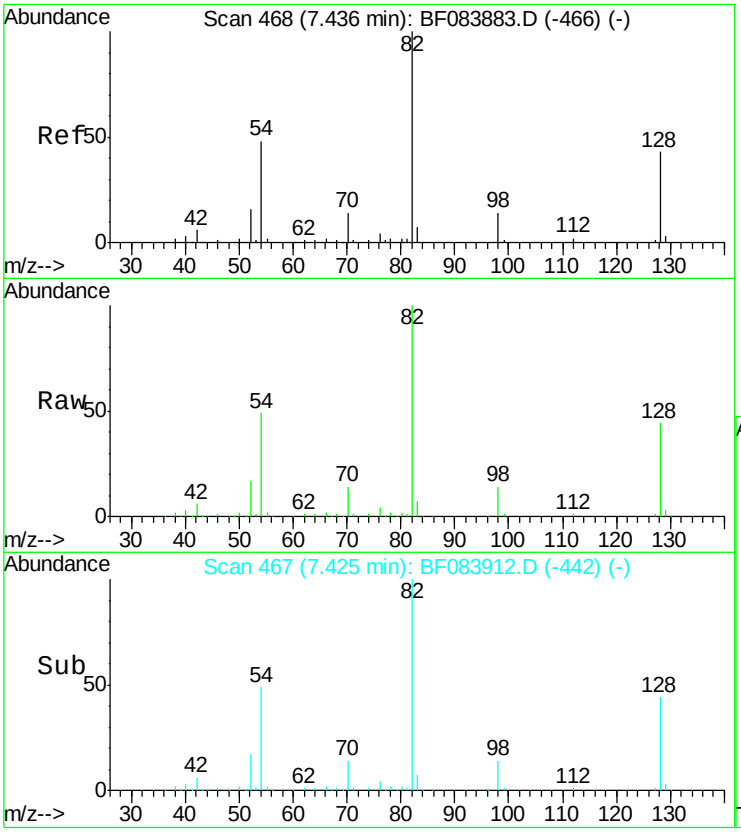


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:136 Resp: 206921

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.8	8.8
68	5.2	4.2	6.2



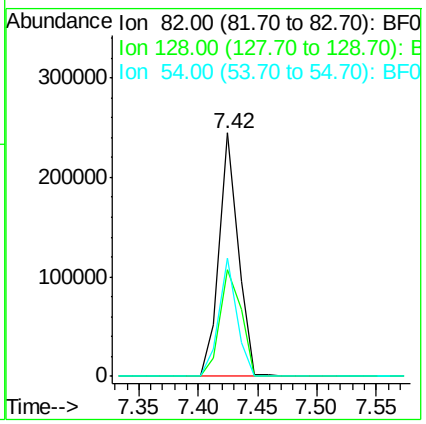


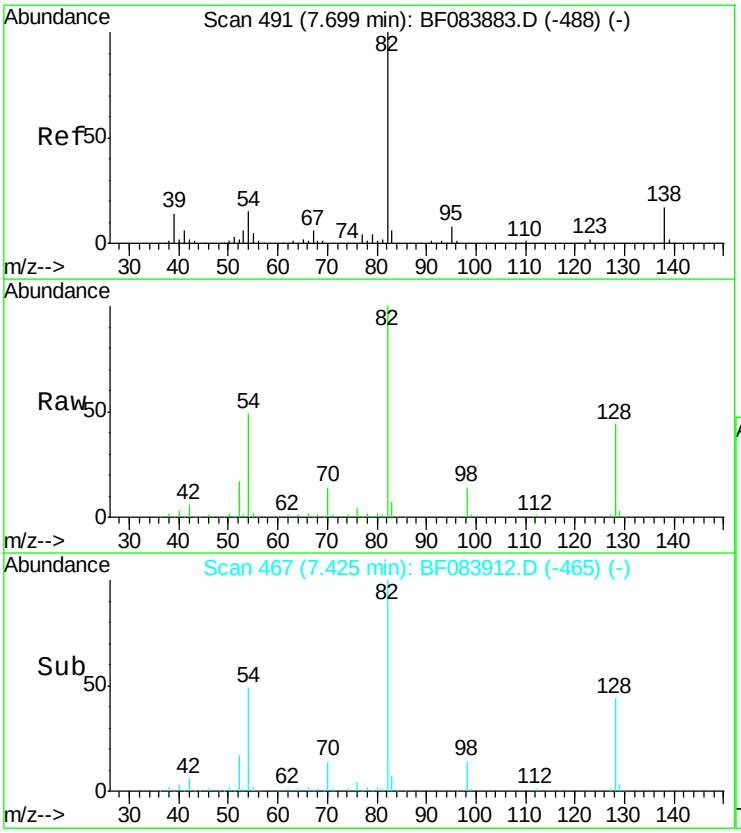
#23
Nitrobenzene-d5
Concen: 75.04 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion: 82 Resp: 272058

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	48.7	38.4	57.6

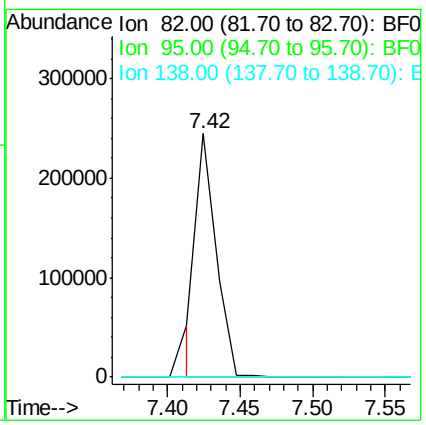


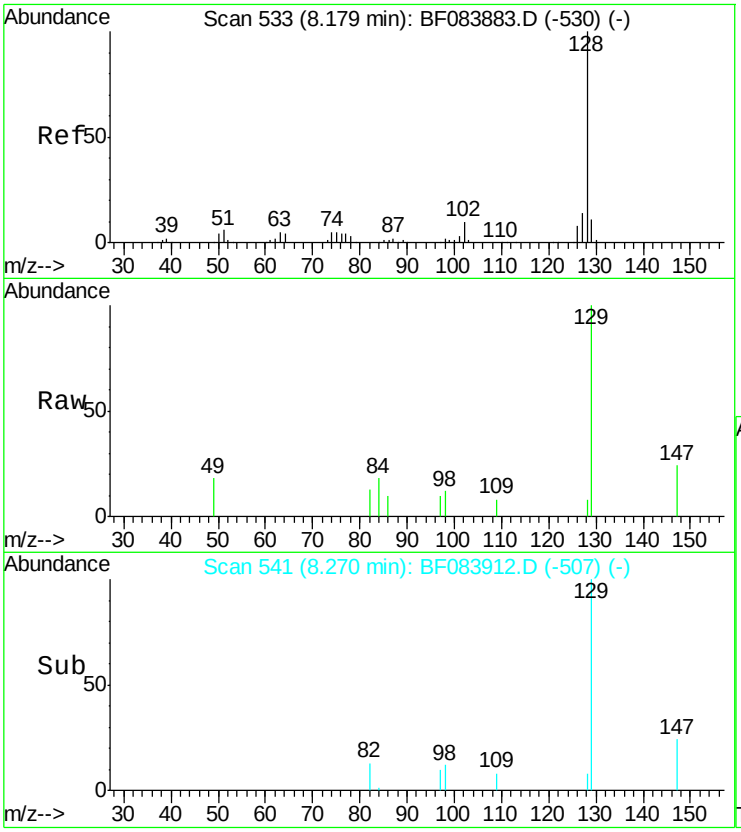


#25
Isophorone
Concen: 34.63 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.27 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion: 82 Resp: 236248

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



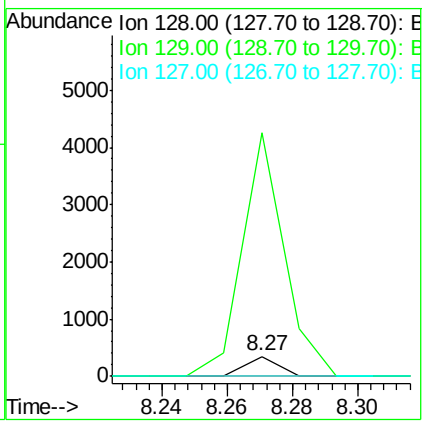


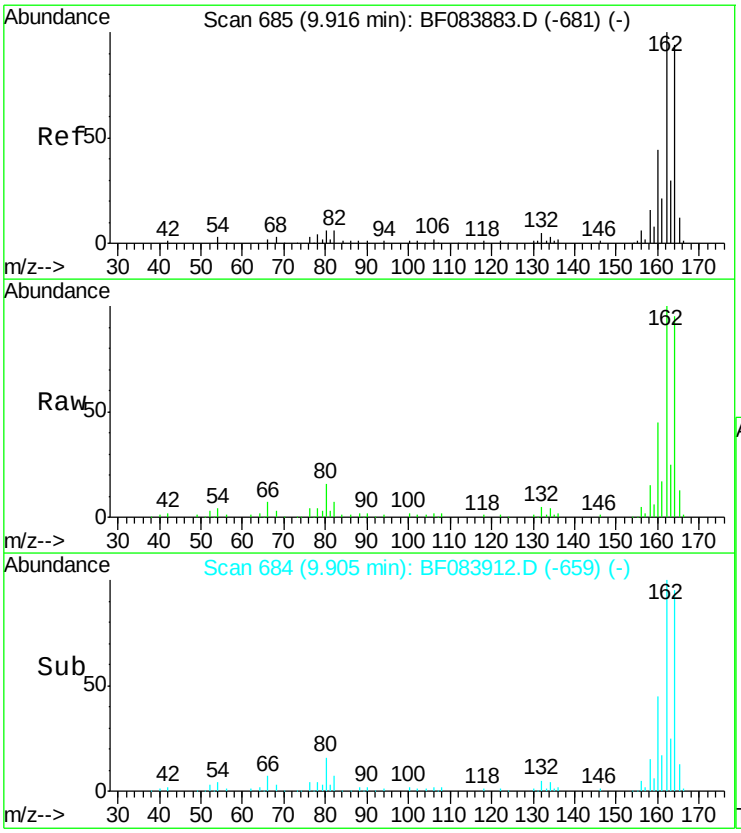
#31
Naphthalene
Concen: Below Cal
RT: 8.27 min Scan# 541
Delta R.T. 0.09 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:128 Resp: 240

Ion	Ratio	Lower	Upper
128	100		
129	1215.7	9.1	13.7#
127	0.0	11.1	16.7#

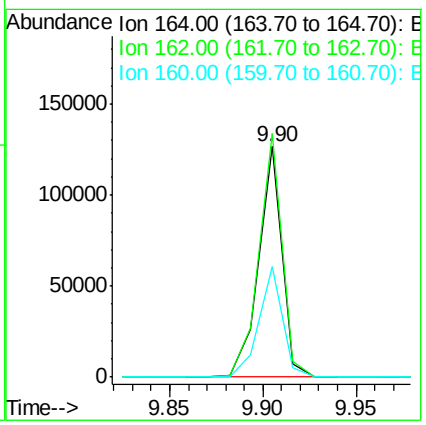


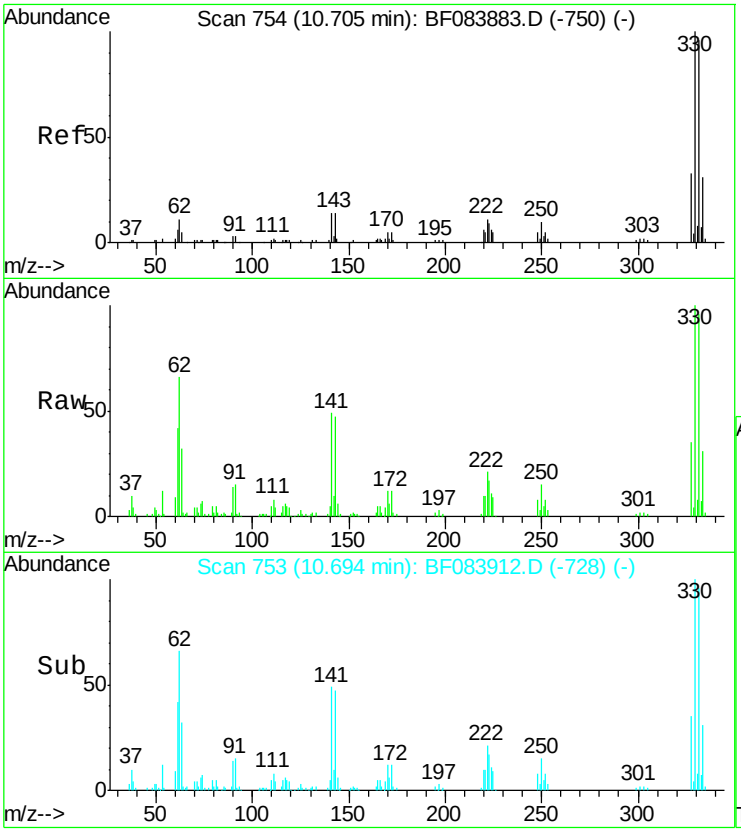


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:164 Resp: 110235

Ion	Ratio	Lower	Upper
164	100		
162	105.6	85.1	127.7
160	47.8	37.5	56.3



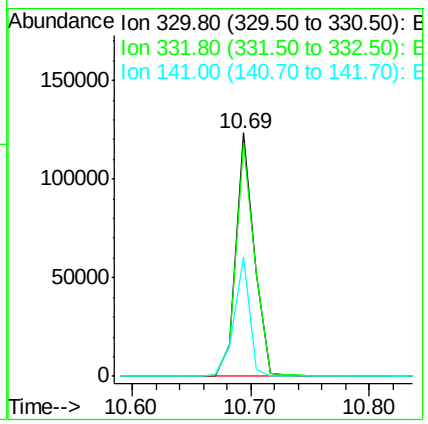


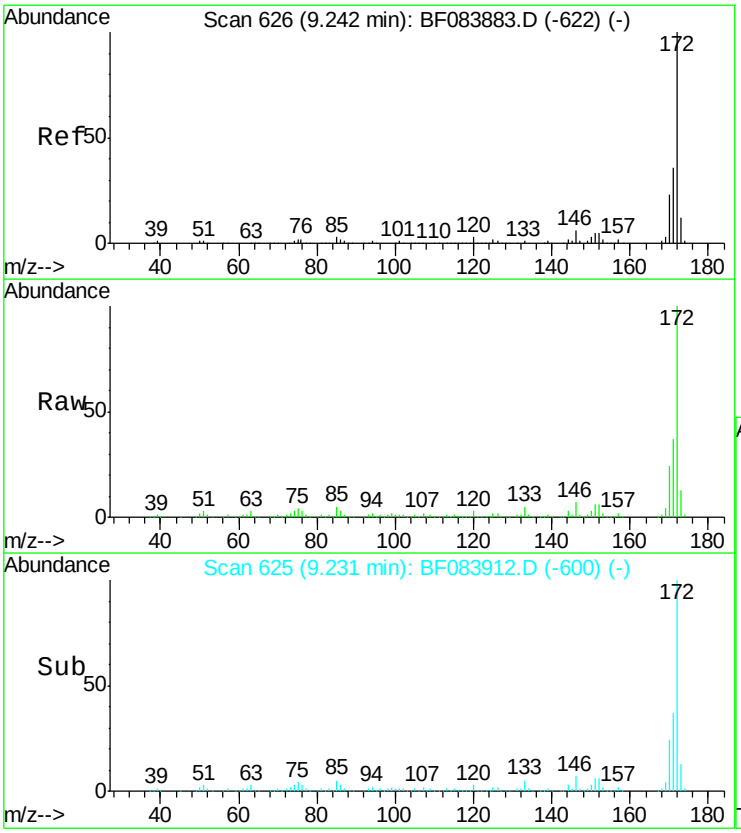
#41
2,4,6-Tribromophenol
Concen: 110.05 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:330 Resp: 133642

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	41.3	27.8	41.6

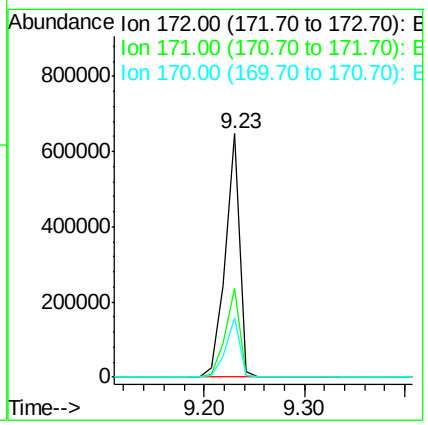


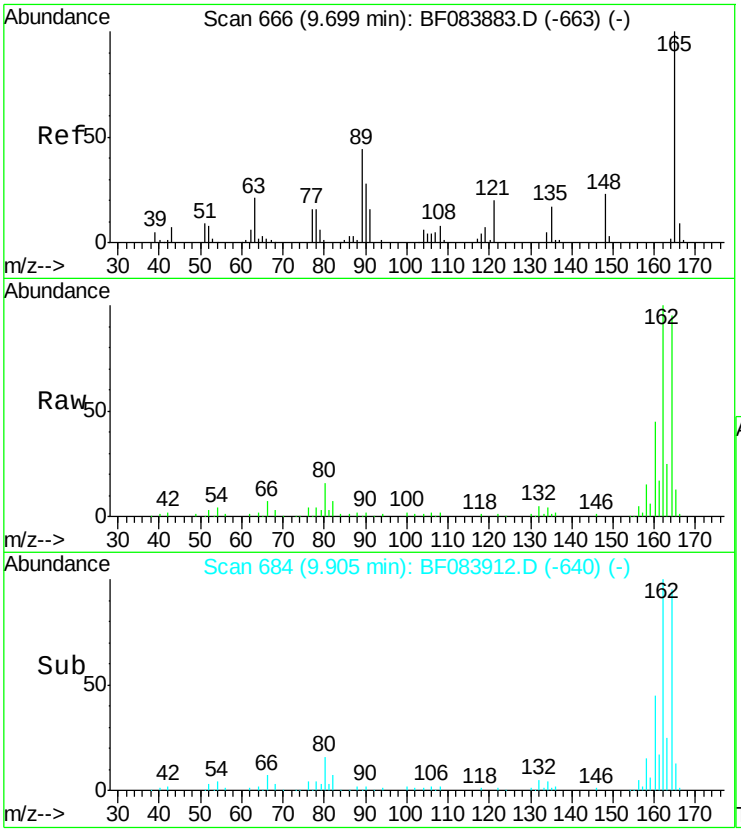


#44
2-Fluorobiphenyl
Concen: 81.01 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:172 Resp: 640680

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.3	18.6	27.8



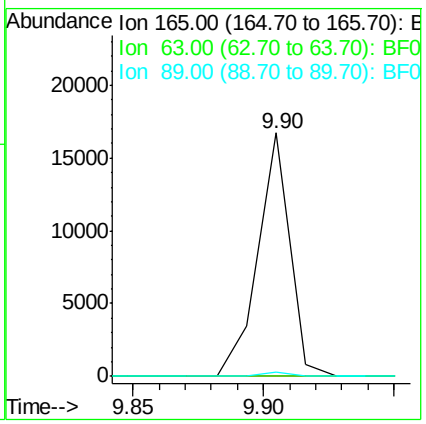


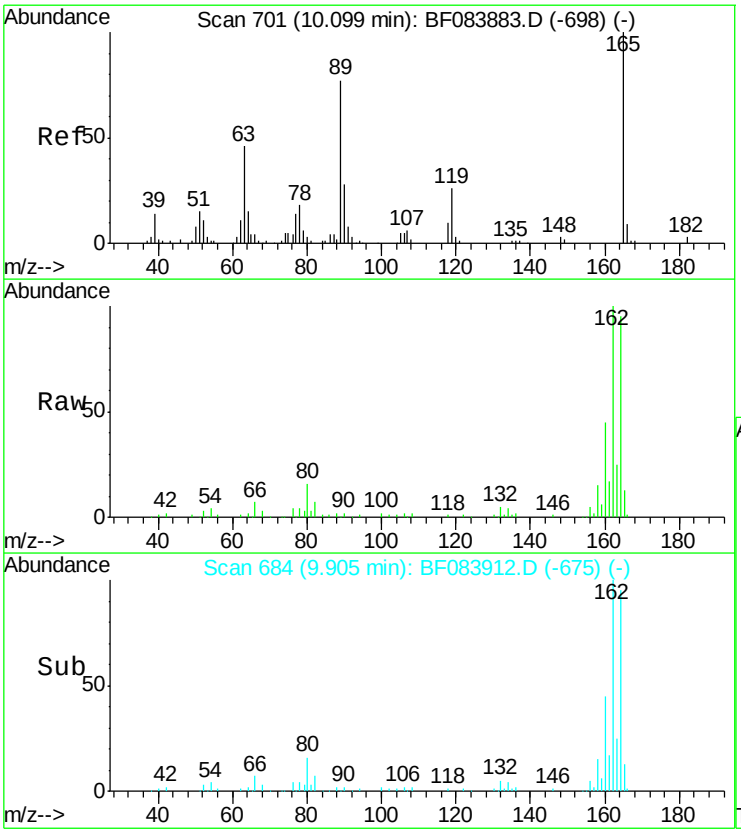
#50
2,6-Dinitrotoluene
Concen: 7.16 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.21 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:165 Resp: 14456

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	1.8	35.1	52.7#

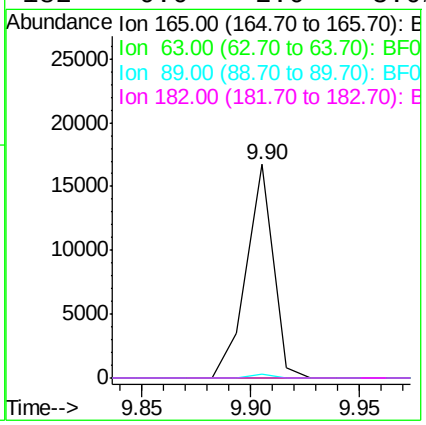


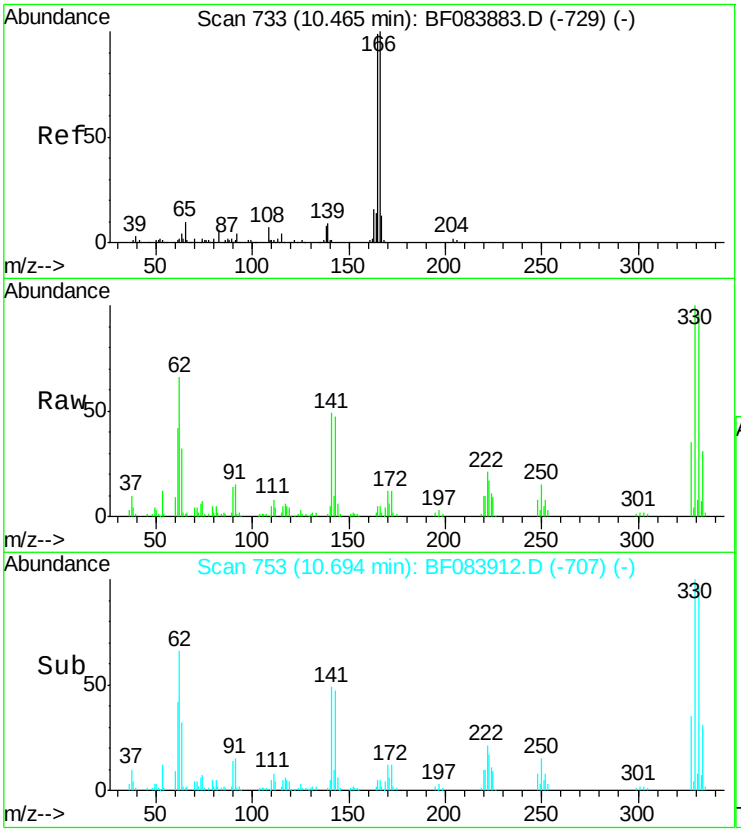


#56
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.19 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:165 Resp: 14457

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	1.8	61.9	92.9#
182	0.0	2.0	3.0#



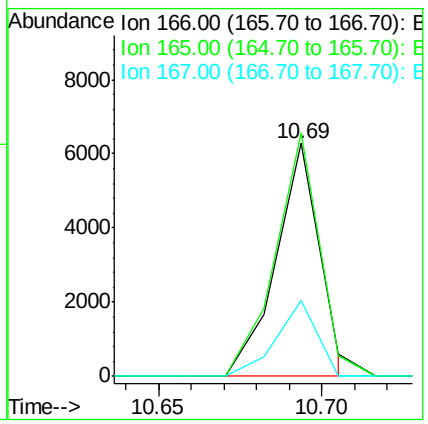


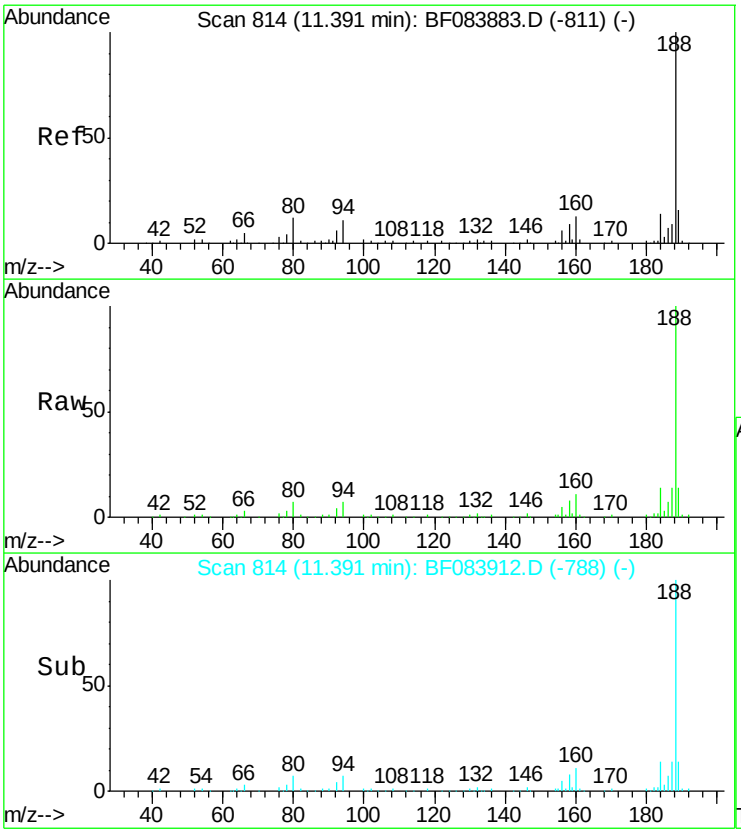
#57
Fluorene
Concen: Below Cal
RT: 10.69 min Scan# 753
Delta R.T. 0.23 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:166 Resp: 5866

Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.1	118.7
167	32.4	10.4	15.6#

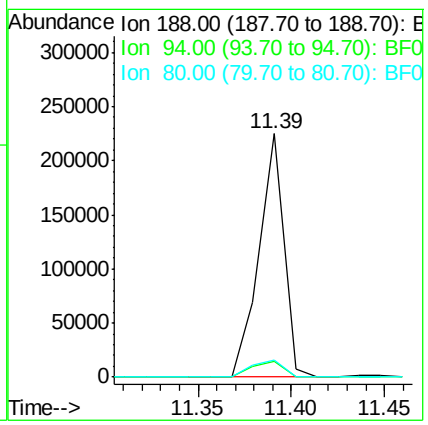


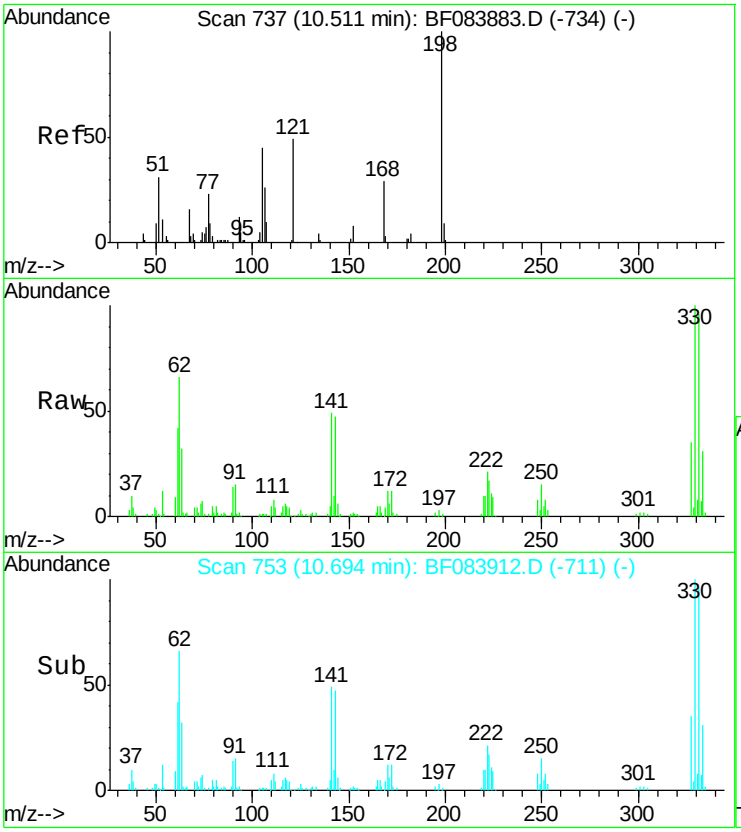


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:188 Resp: 208842

Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.4#
80	7.2	9.6	14.4#



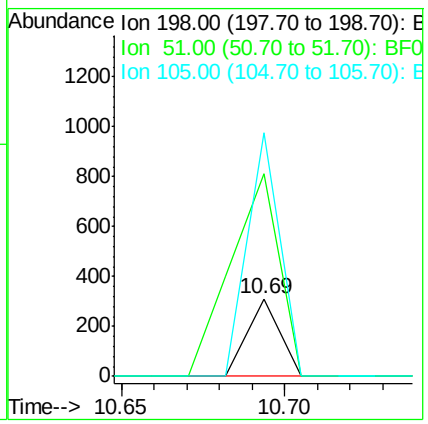


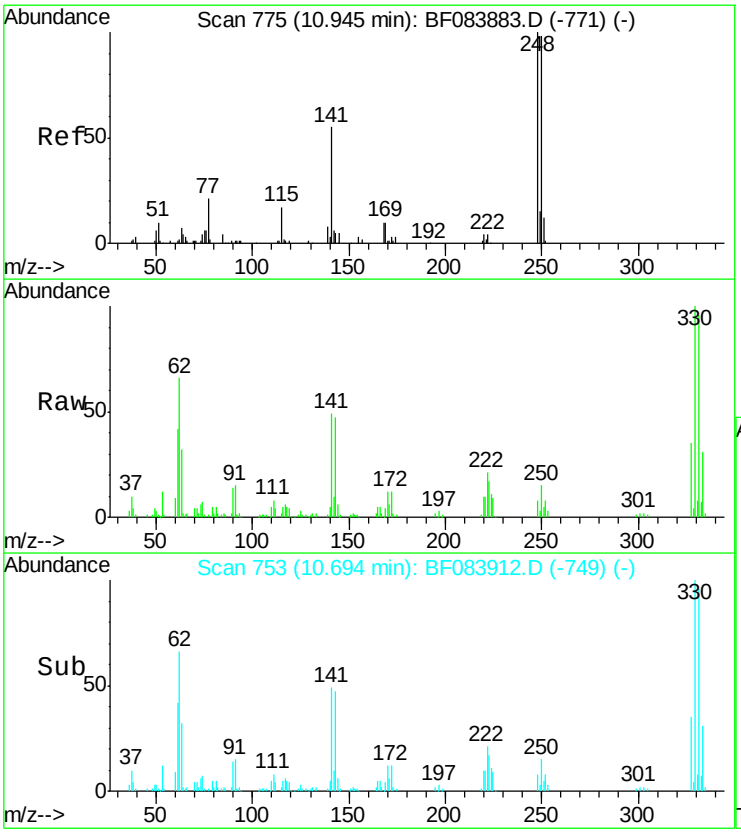
#64
4,6-Dinitro-2-methylphenol
Concen: 4.08 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.18 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:198 Resp: 213

Ion	Ratio	Lower	Upper
198	100		
51	261.9	18.9	58.9#
105	314.8	26.4	66.4#

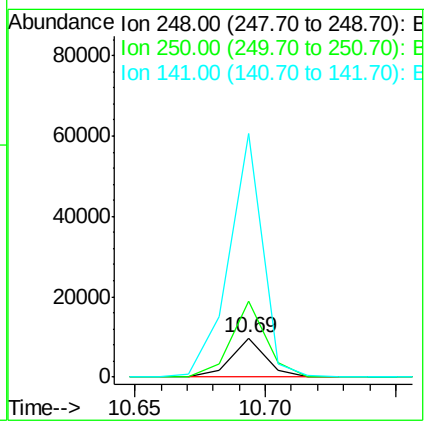


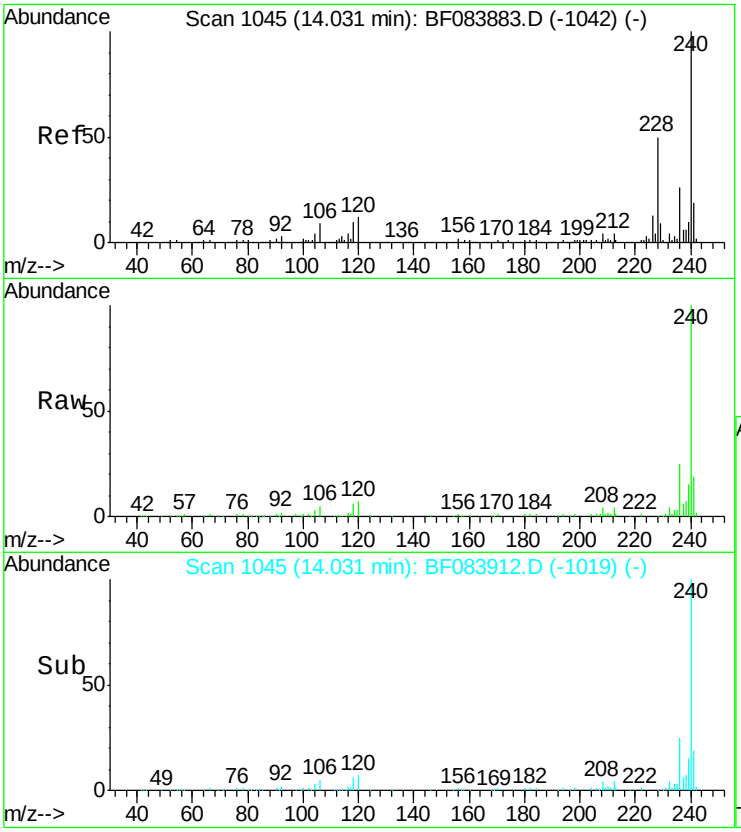


#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:248 Resp: 8922

Ion	Ratio	Lower	Upper
248	100		
250	195.6	78.4	117.6#
141	624.4	44.0	66.0#



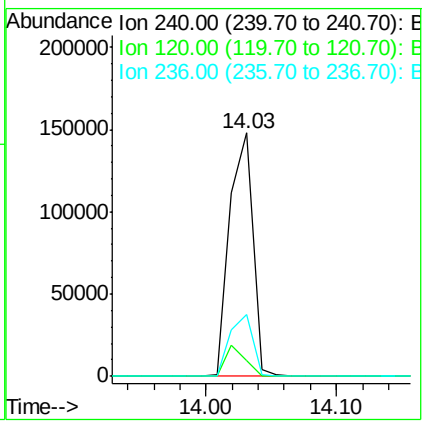


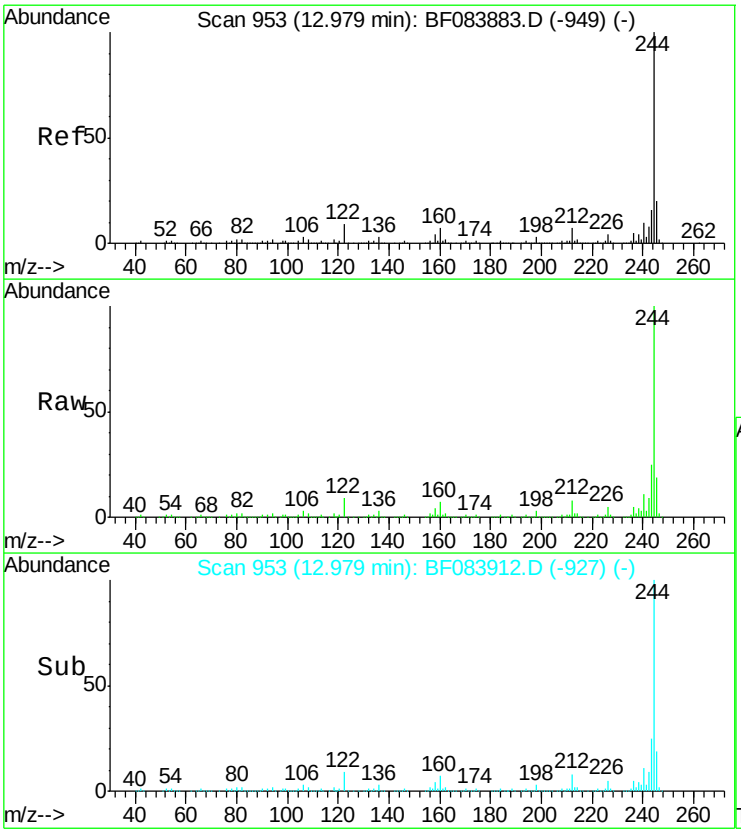
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:240 Resp: 183337

Ion	Ratio	Lower	Upper
240	100		
120	6.7	9.5	14.3#
236	25.2	20.6	31.0

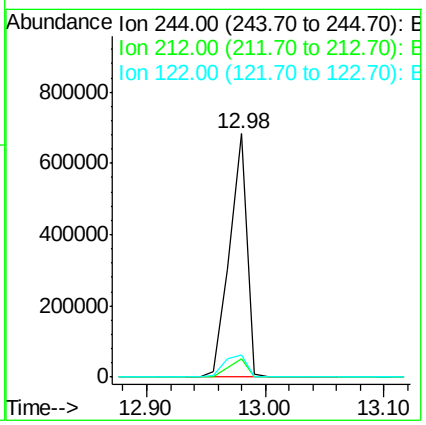


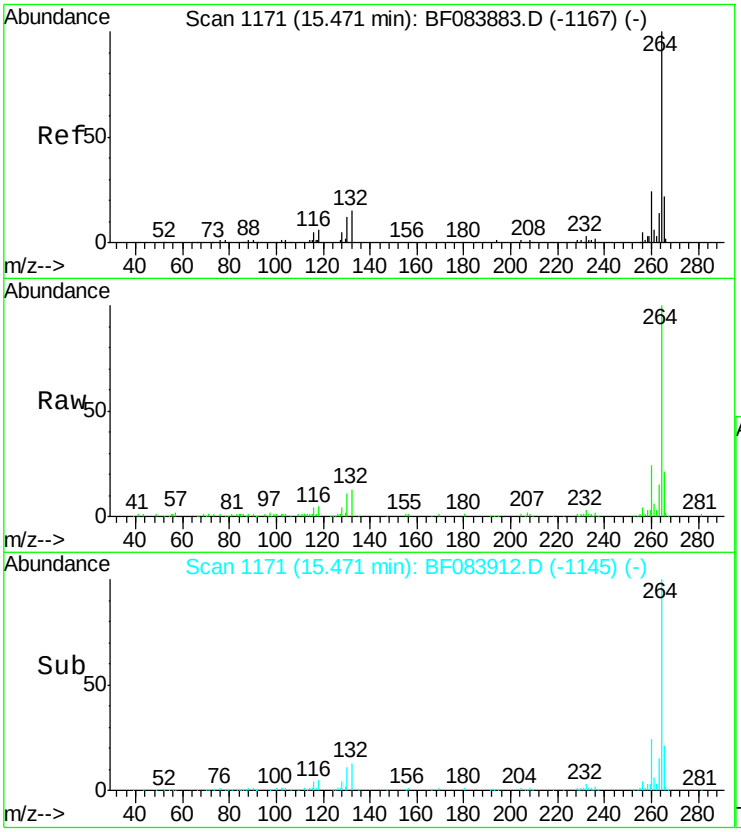


#78
Terphenyl-d14
Concen: 88.92 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Tgt Ion:244 Resp: 694990

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	9.3	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF083912.D
Acq: 18 Dec 2015 14:53

Instrument :
BNA_F
ClientSampleId :
PB87340BL

Tgt Ion:264 Resp: 140206

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.8	26.6