Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084446.D
Acq On : 13 Jan 2016 17:26
Operator : SJ/UM
Sample : PB87794BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87794BL

Quant Time: Jan 14 11:10:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	257757	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1107607	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	517813	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	980370	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	841935	20.00	ng	-0.08
86) Perylene-d12	15.41	264	617699	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1666146	104.55	ng	-0.04
7) Phenol-d6	6.48	99	1938640	96.86	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1485268	74.63	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	499947	95.63	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2135799	71.56	ng	-0.07
78) Terphenyl-d14	12.94	244	2140129	56.74	ng	-0.07
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	198914	14.68	ng	# 75
32) Benzoic acid	7.85	122	1236	6.34	ng	# 69
50) 2,6-Dinitrotoluene	9.87	165	66538	8.20	ng	# 37
54) Dibenzofuran	10.06	168	694	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.87	165	66541	6.48	ng	# 21
57) Fluorene	10.66	166	22617	Below Cal		# 90
64) 4,6-Dinitro-2-methylphenol	10.66	198	991	6.55	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	29365	2.78	ng	# 1
73) Di-n-butylphthalate	11.92	149	3589	Below Cal		# 79

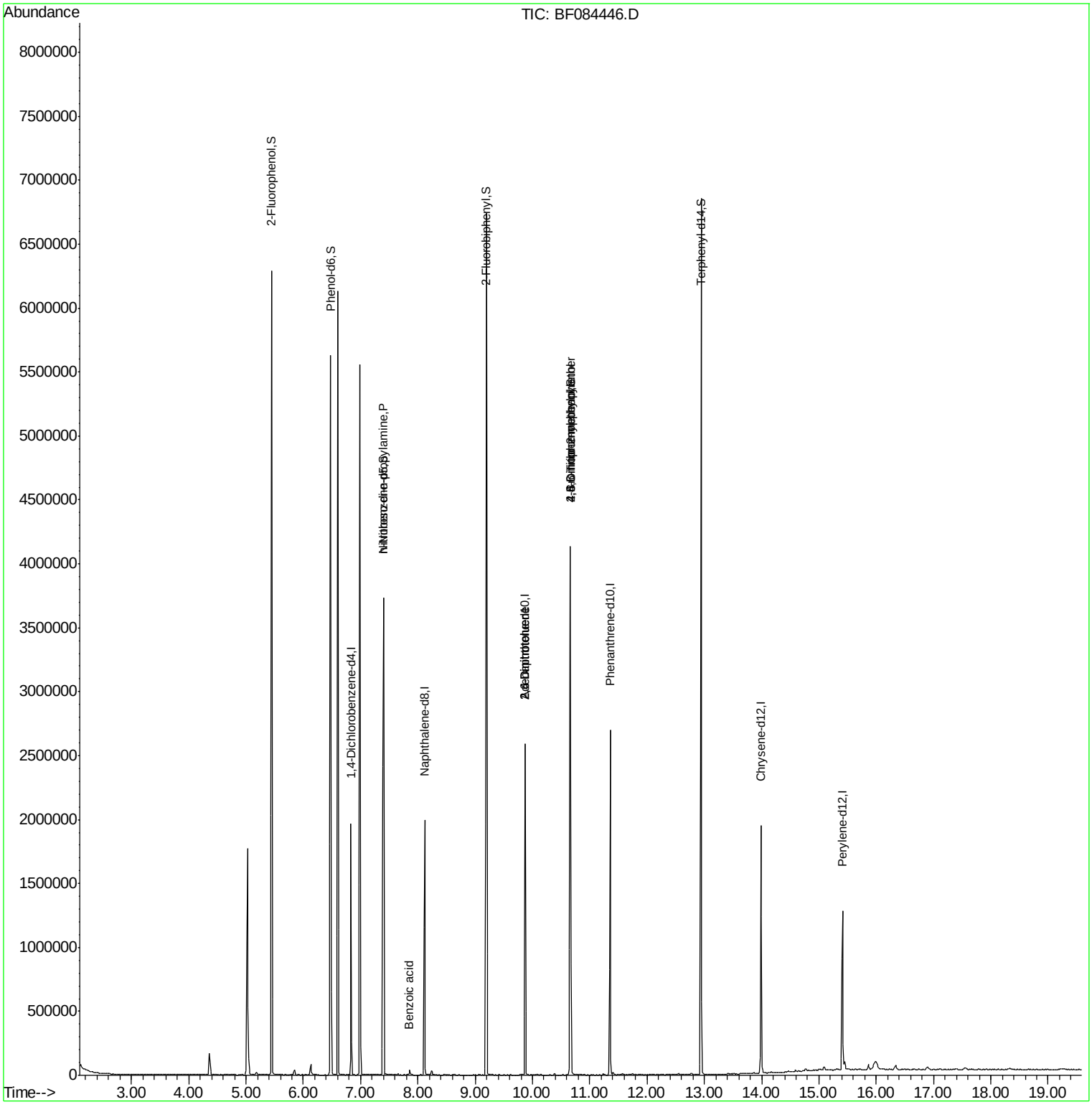
(#) = qualifier out of range (m) = manual integration (+) = signals summed

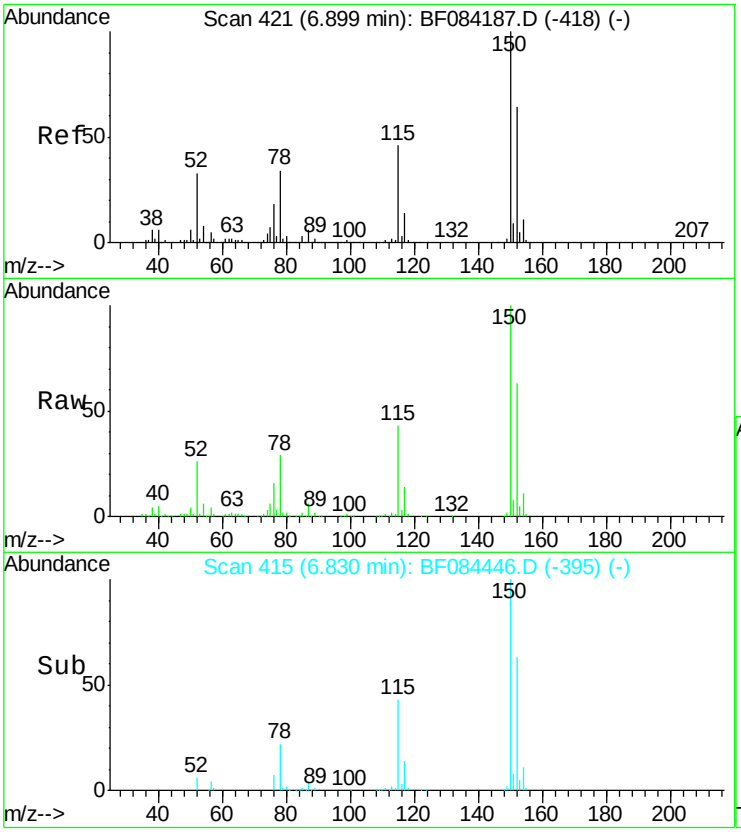
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084446.D
Acq On : 13 Jan 2016 17:26
Operator : SJ/UM
Sample : PB87794BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87794BL

Quant Time: Jan 14 11:10:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



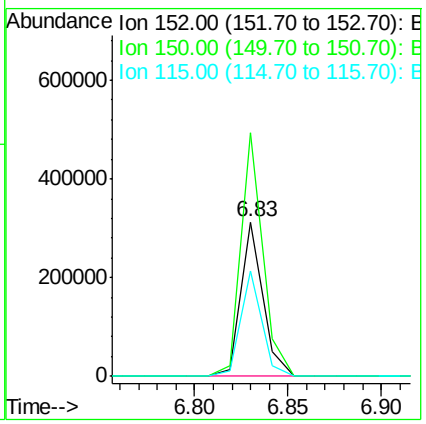


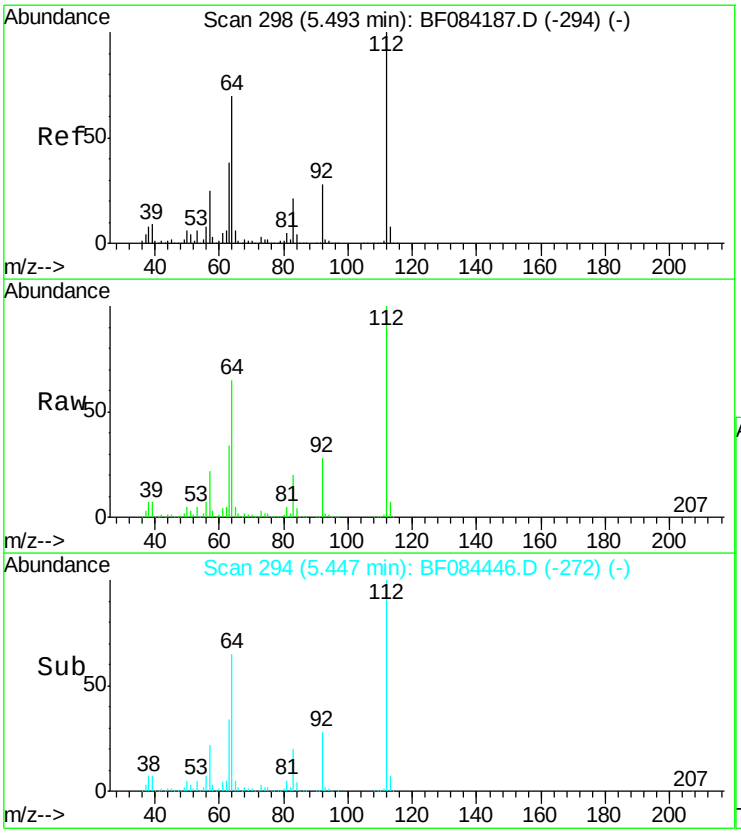
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:152 Resp: 257757

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	67.8	51.4	77.2

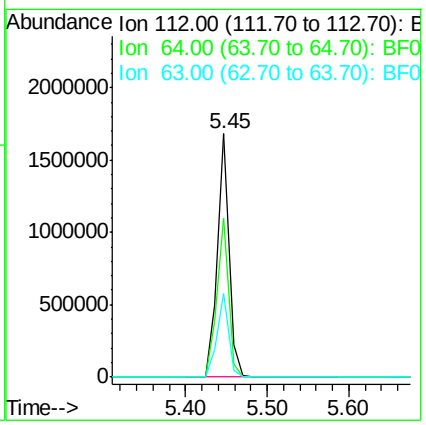


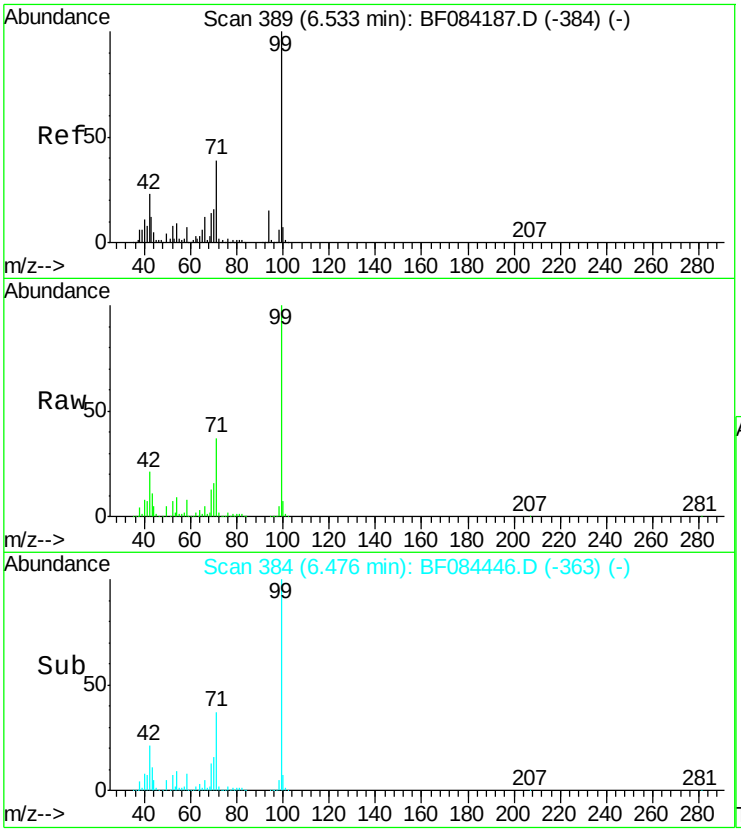


#5
2-Fluorophenol
Concen: 104.55 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:112 Resp: 1666146

Ion	Ratio	Lower	Upper
112	100		
64	65.4	36.6	55.0#
63	34.5	19.4	29.0#



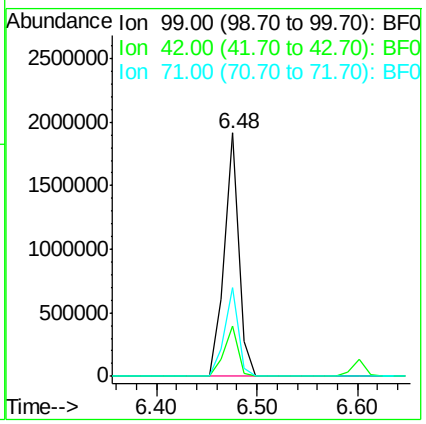


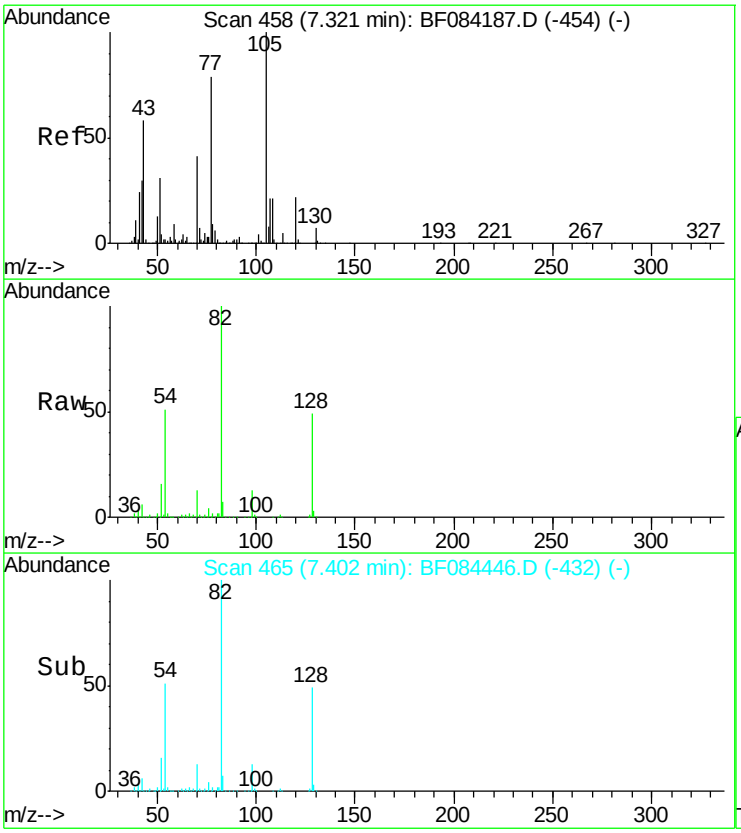
#7
Phenol-d6
Concen: 96.86 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion: 99 Resp: 1938640

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.6	30.9	46.3

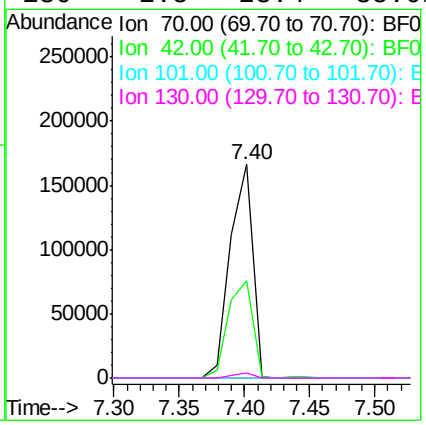


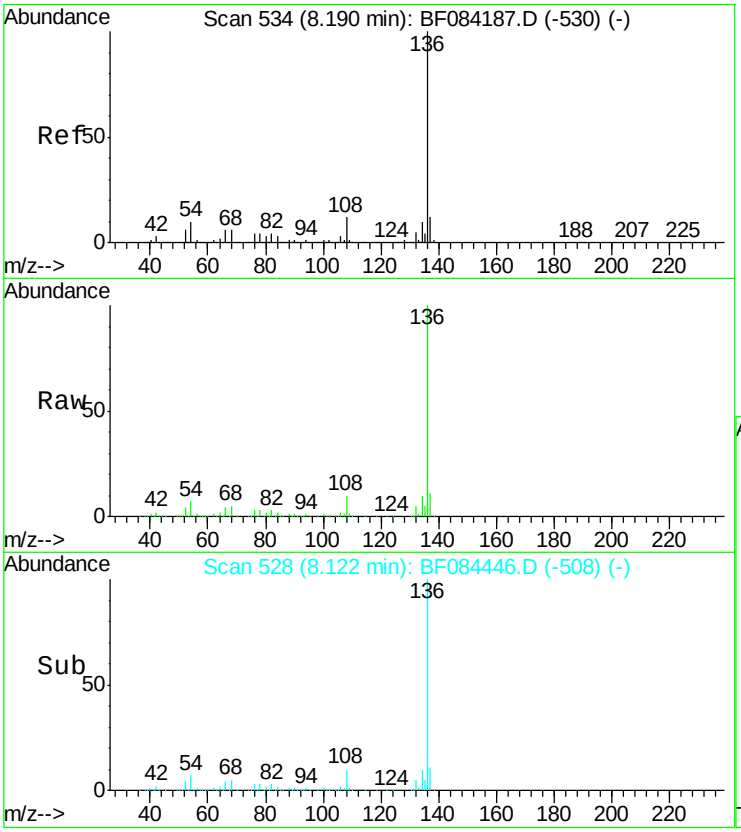


#19
n-Nitroso-di-n-propylamine
Concen: 14.68 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.08 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion: 70 Resp: 198914

Ion	Ratio	Lower	Upper
70	100		
42	45.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#



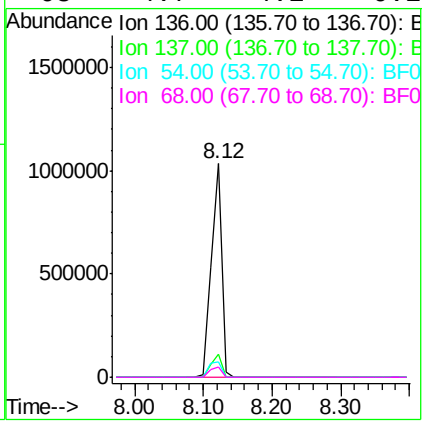


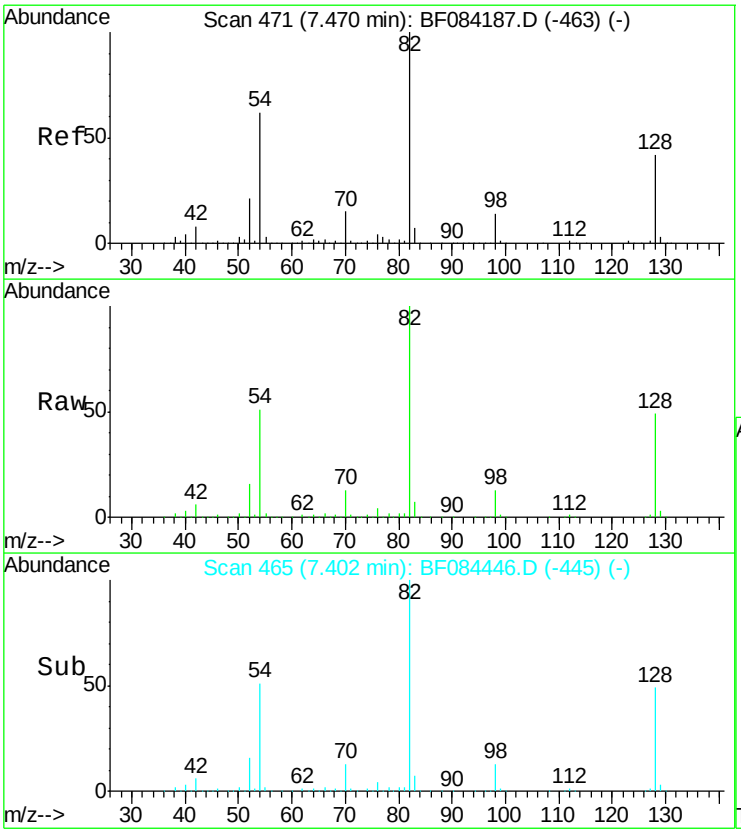
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:136 Resp: 1107607

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.4	5.8	8.8
68	4.7	4.2	6.2

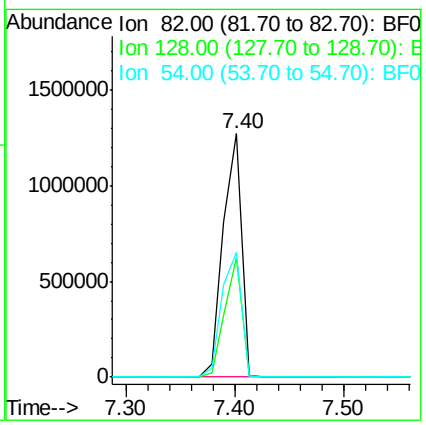


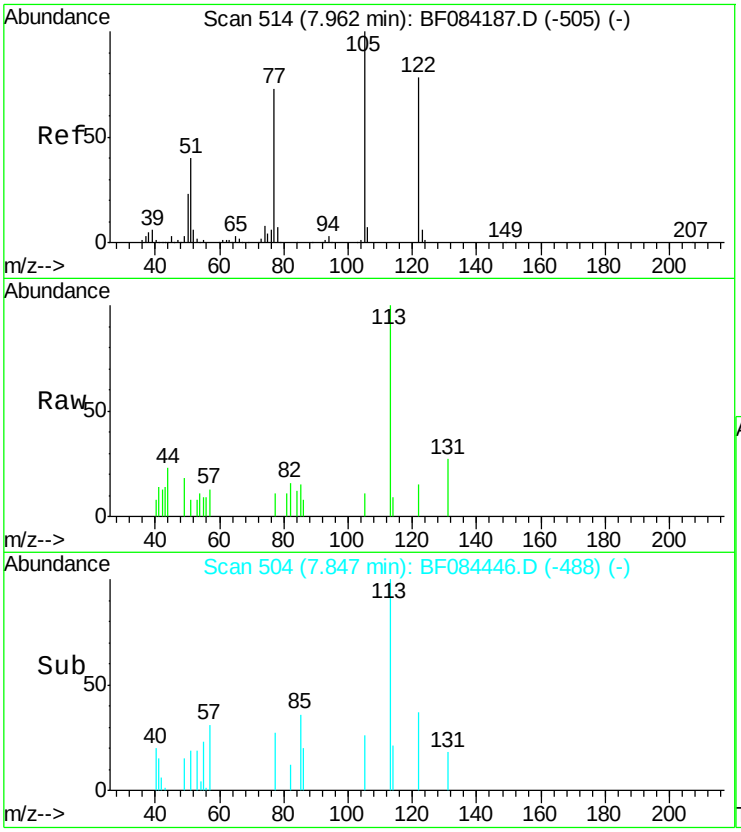


#23
Nitrobenzene-d5
Concen: 74.63 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion: 82 Resp: 1485268

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.6	51.8
54	51.3	38.4	57.6



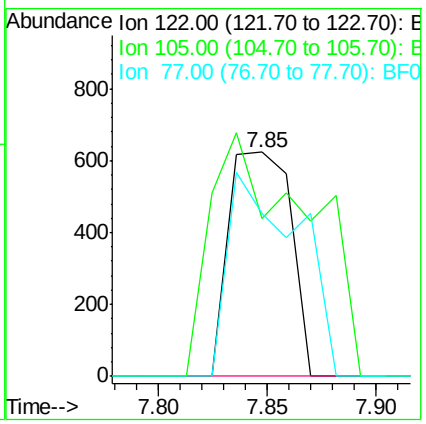


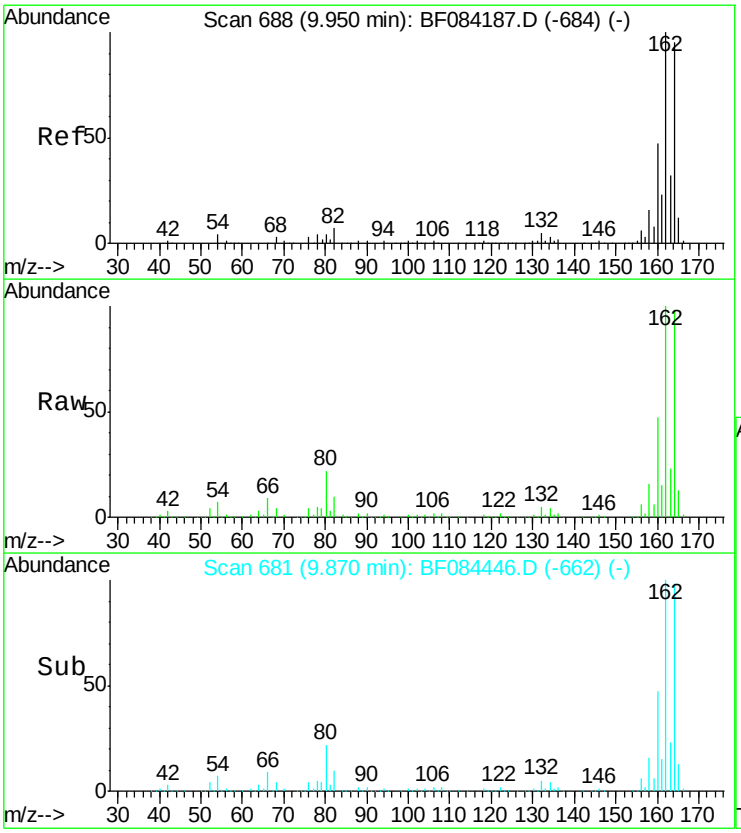
#32
Benzoic acid
Concen: 6.34 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.11 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:122 Resp: 1236

Ion	Ratio	Lower	Upper
122	100		
105	70.6	100.3	140.3#
77	72.6	63.5	103.5

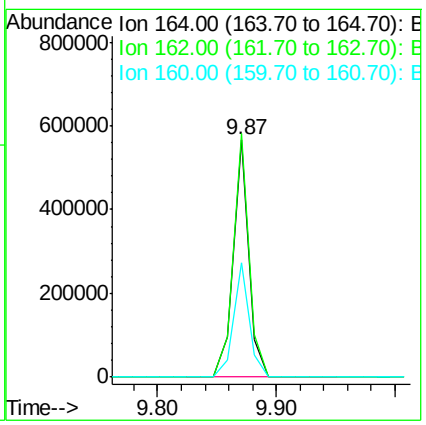


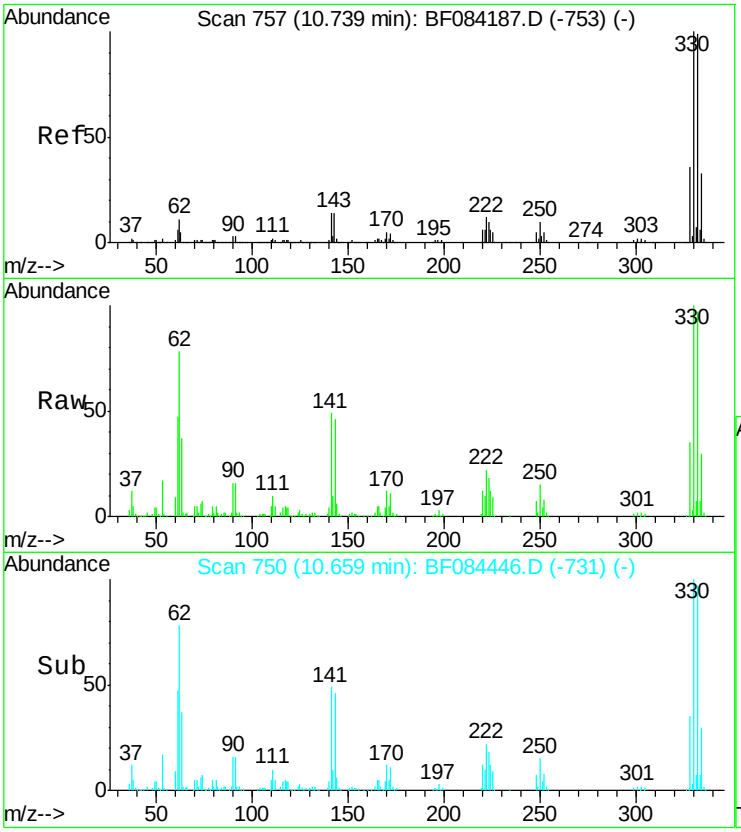


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:164 Resp: 517813

Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	47.9	37.5	56.3



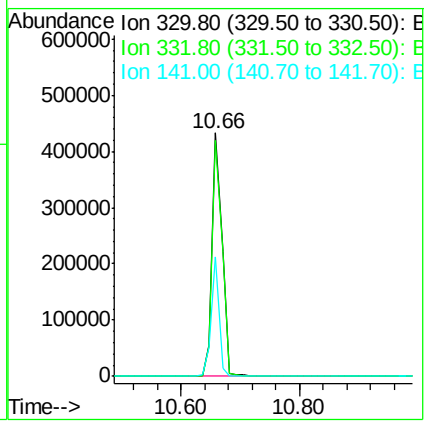


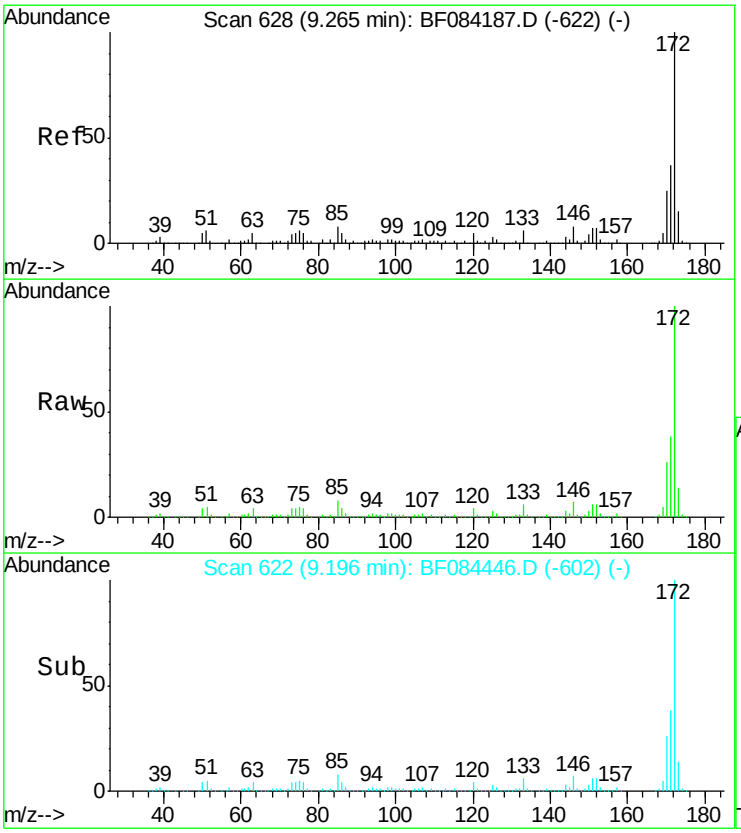
#41
2,4,6-Tribromophenol
Concen: 95.63 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.08 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:330 Resp: 499947

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	39.0	27.8	41.6

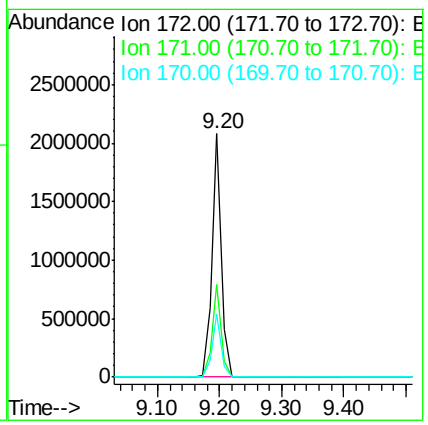


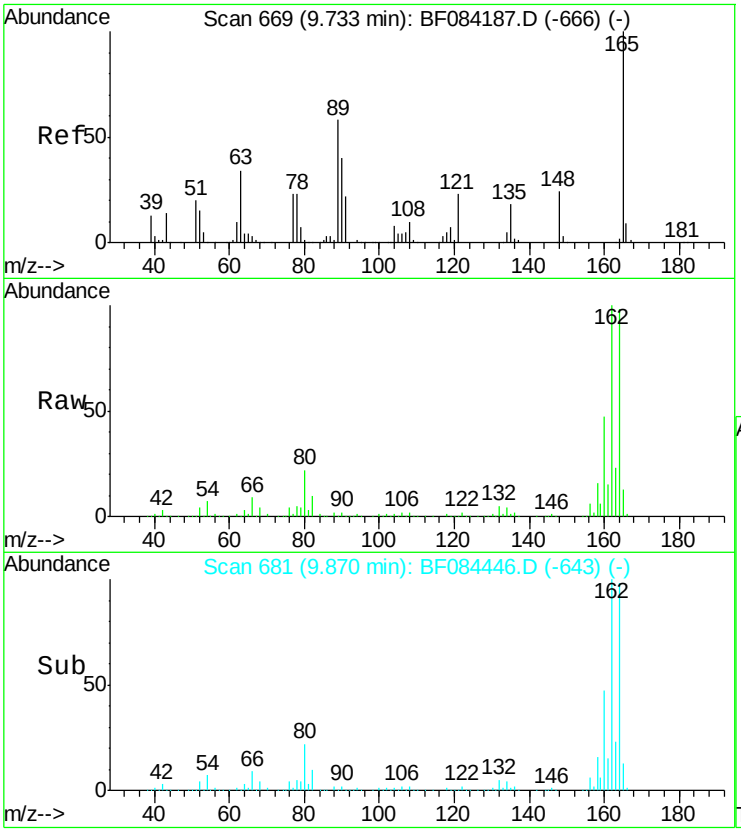


#44
2-Fluorobiphenyl
Concen: 71.56 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:172 Resp: 2135799

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.0	18.6	27.8



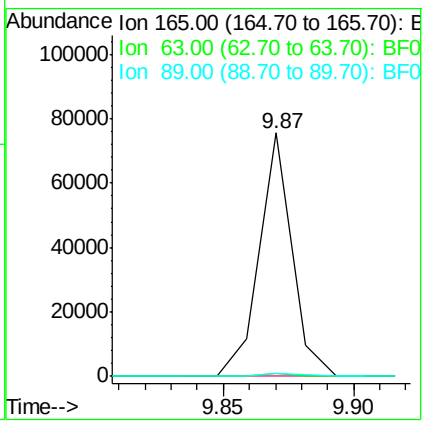


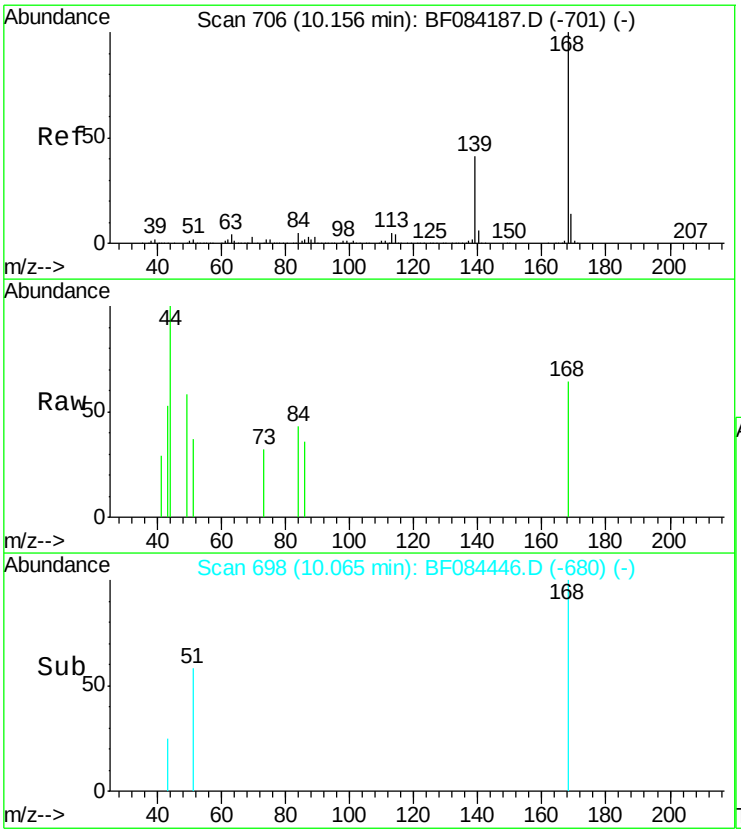
#50
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.14 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:165 Resp: 66538

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.4	35.1	52.7#

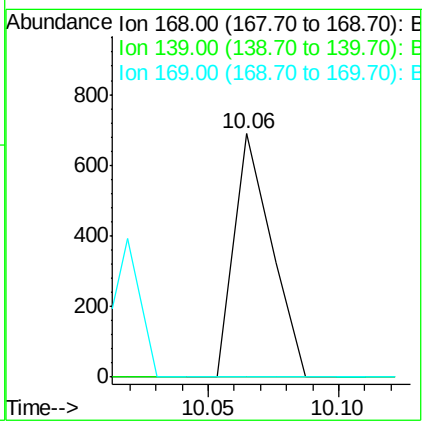


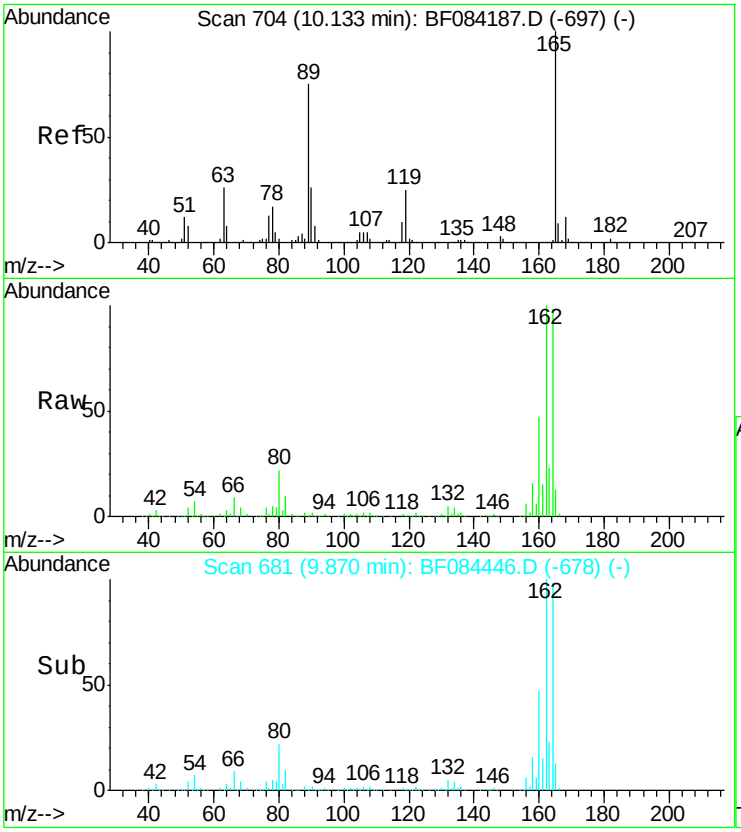


#54
Dibenzofuran
Concen: Below Cal
RT: 10.06 min Scan# 698
Delta R.T. -0.09 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:168 Resp: 694

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.5	45.7#
169	0.0	10.4	15.6#



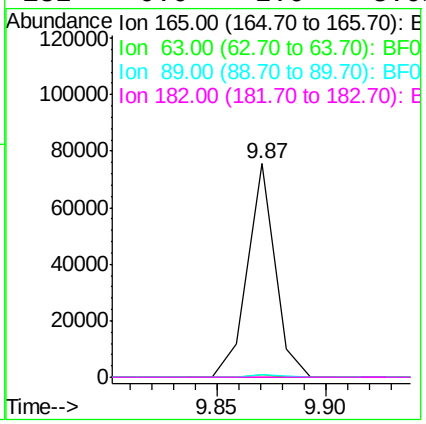


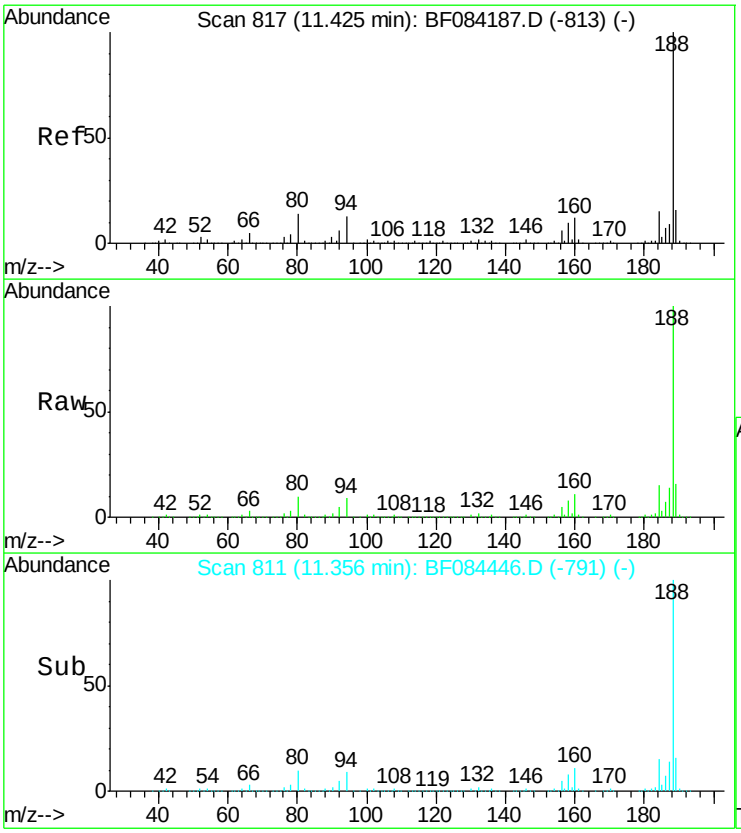
#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.26 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:165 Resp: 66541

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#

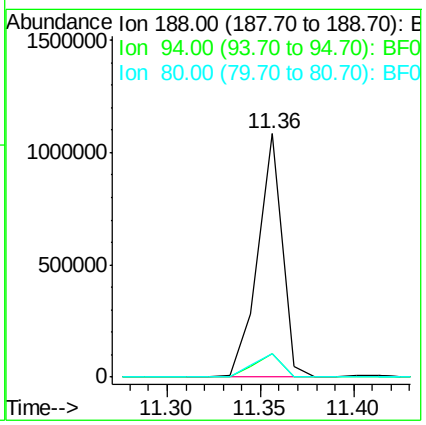


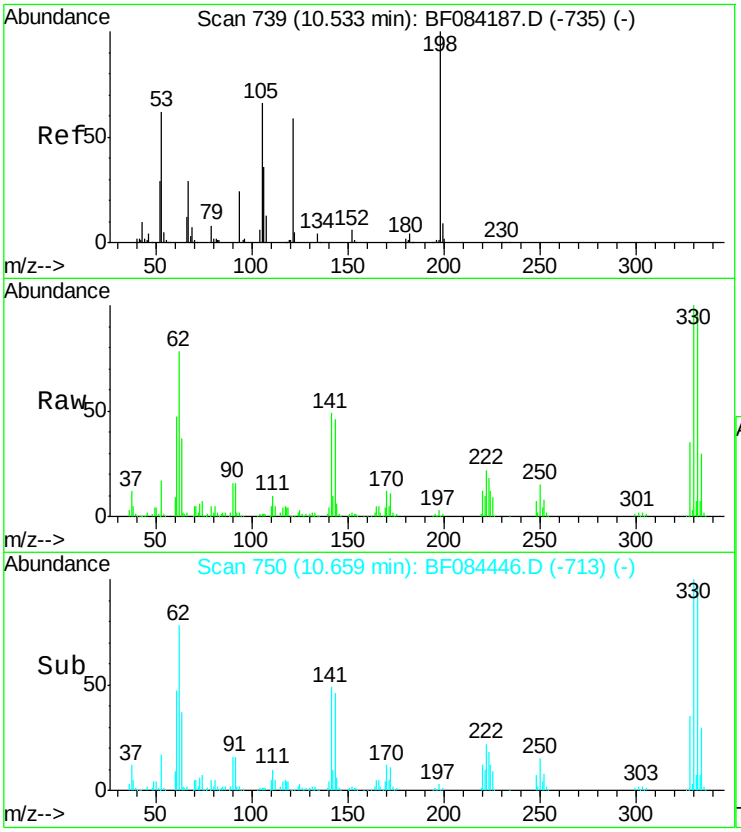


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:188 Resp: 980370

Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.6	9.6	14.4



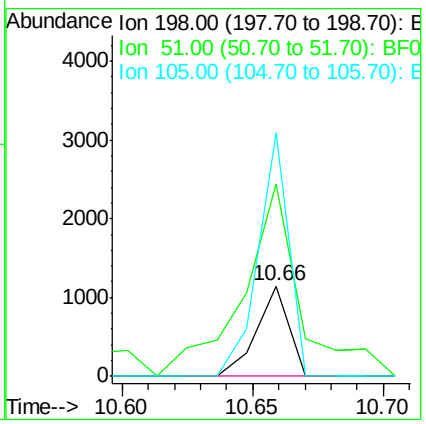


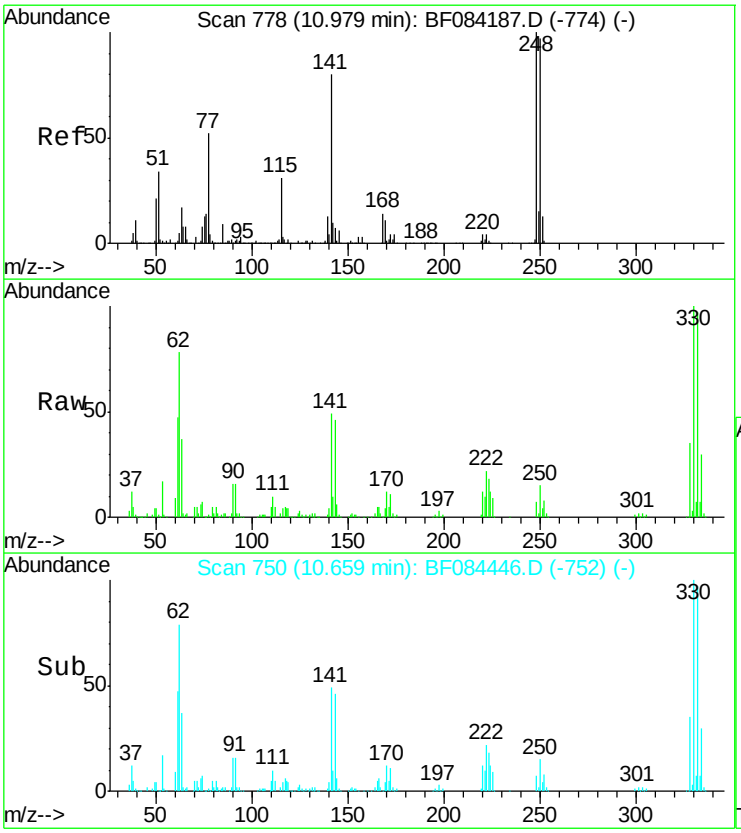
#64
4,6-Dinitro-2-methylphenol
Concen: 6.55 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.13 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:198 Resp: 991

Ion	Ratio	Lower	Upper
198	100		
51	213.3	18.9	58.9#
105	270.0	26.4	66.4#

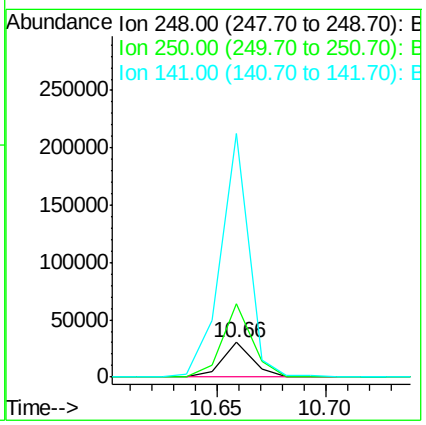


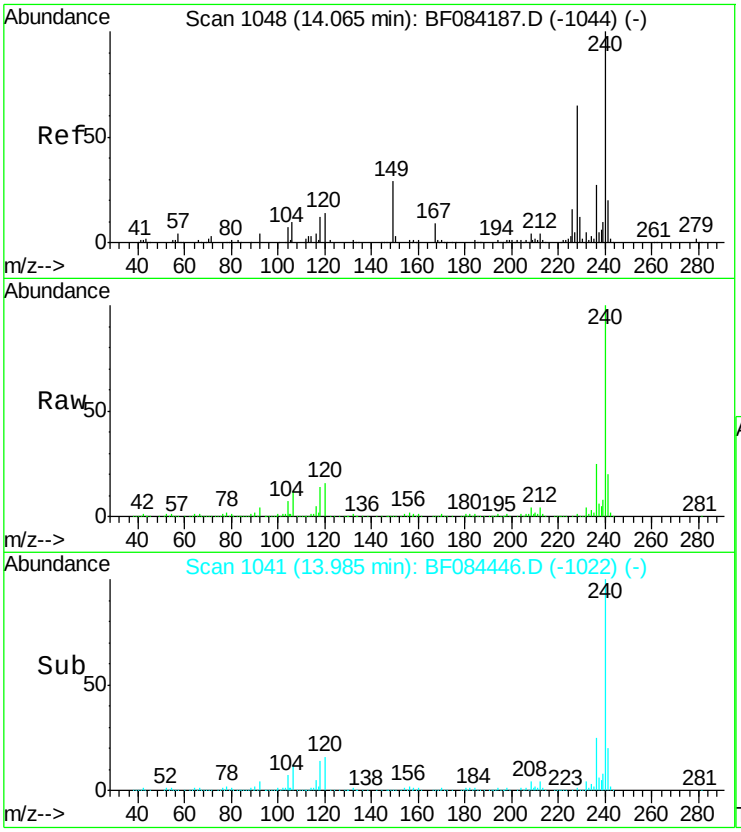


#66
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.32 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:248 Resp: 29365

Ion	Ratio	Lower	Upper
248	100		
250	212.7	78.4	117.6#
141	702.6	44.0	66.0#



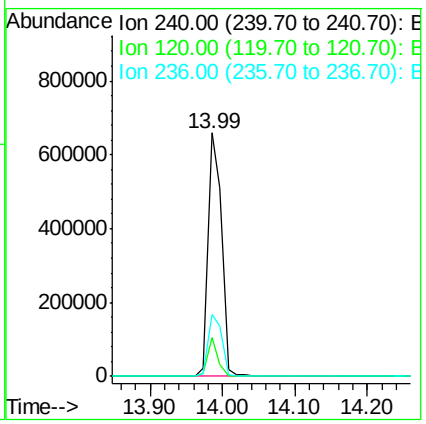


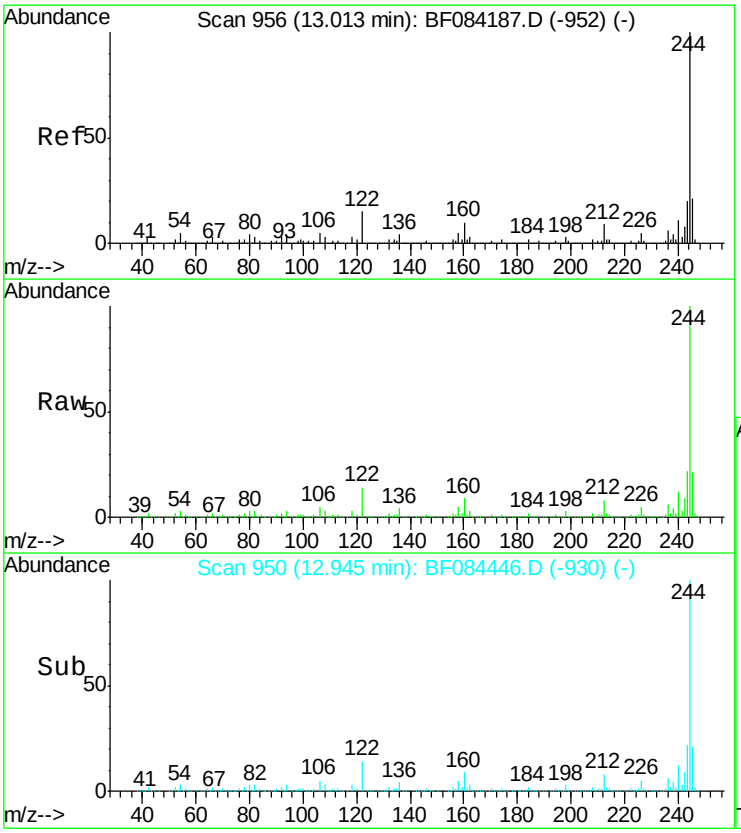
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:240 Resp: 841935

Ion	Ratio	Lower	Upper
240	100		
120	16.2	9.5	14.3#
236	25.4	20.6	31.0

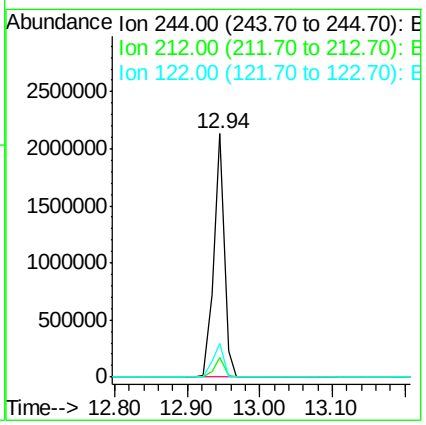


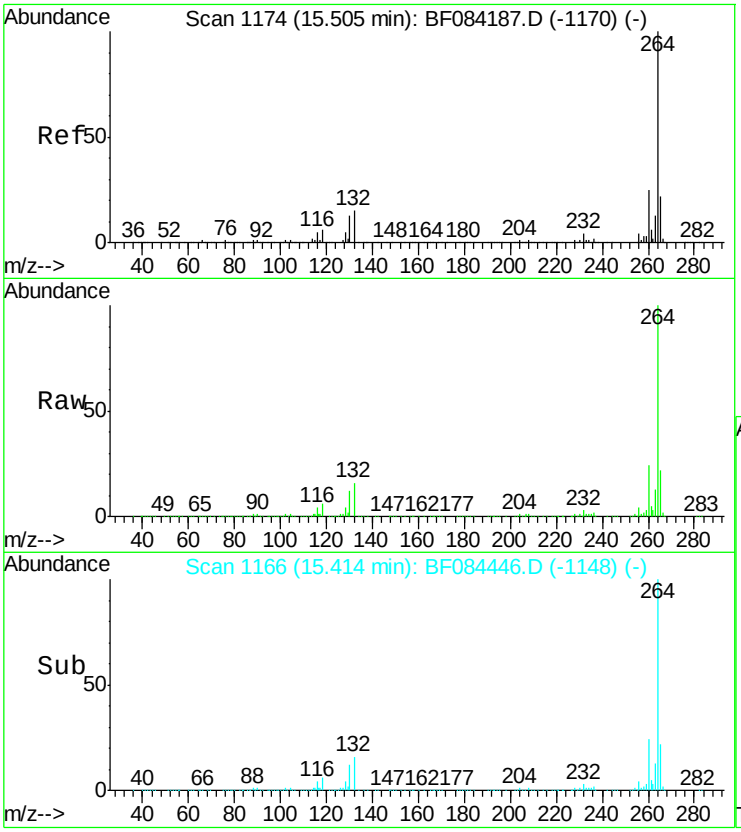


#78
Terphenyl-d14
Concen: 56.74 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Tgt Ion:244 Resp: 2140129

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF084446.D
Acq: 13 Jan 2016 17:26

Instrument :
BNA_F
ClientSampleId :
PB87794BL

Tgt Ion:264 Resp: 617699

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.8	17.8	26.6