Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084441.D
Acq On : 13 Jan 2016 6:06
Operator : SJ/UM
Sample : H1078-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW-9S

Quant Time: Jan 13 07:27:55 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	6.84	152	260347	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	992409	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	479409	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	813197	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	509631	20.00	ng	-0.07
86) Perylene-d12	15.43	264	462438	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	986784	61.31	ng	-0.04
7) Phenol-d6	6.48	99	799644	39.56	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1817795	101.94	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	537660	111.09	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2492051	91.96	ng	-0.06
78) Terphenyl-d14	12.96	244	2057620	90.12	ng	-0.06
Target Compounds						Qvalue
9) Benzaldehyde	6.61	77	41385	3.14	ng	# 78
19) n-Nitroso-di-n-propylamine	7.41	70	249478	18.23	ng	# 77
25) Isophorone	7.41	82	1731830	50.78	ng	# 66
32) Benzoic acid	8.12	122	206	6.27	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	62323	8.29	ng	# 37
54) Dibenzofuran	10.08	168	281	Below Cal		# 45
56) 2,4-Dinitrotoluene	9.88	165	62326	6.55	ng	# 21
57) Fluorene	10.67	166	22414	Below Cal		# 87
64) 4,6-Dinitro-2-methylphenol	10.67	198	926	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	33152	3.79	ng	# 1
73) Di-n-butylphthalate	11.94	149	1065	Below Cal		# 79

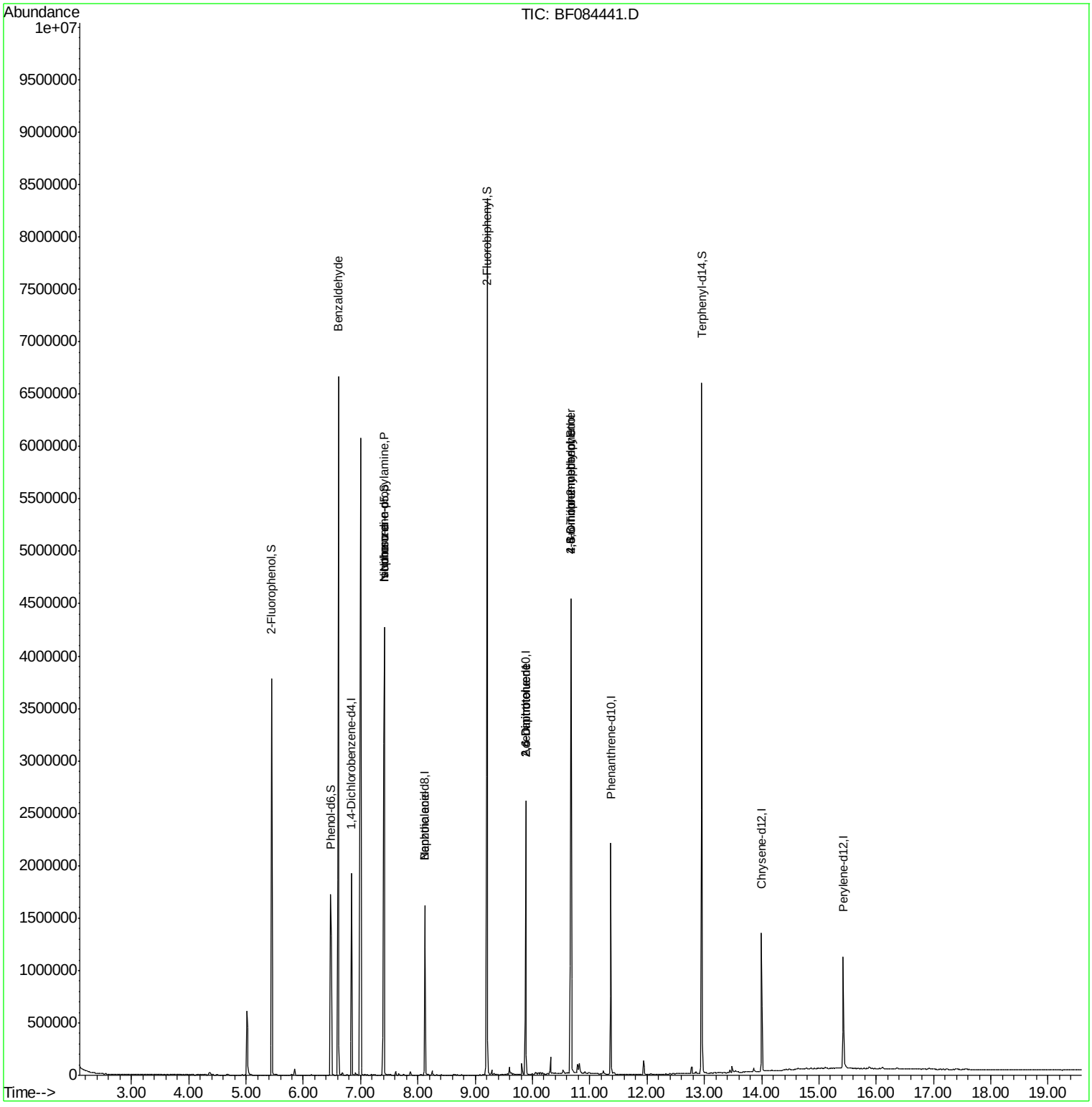
(#) = qualifier out of range (m) = manual integration (+) = signals summed

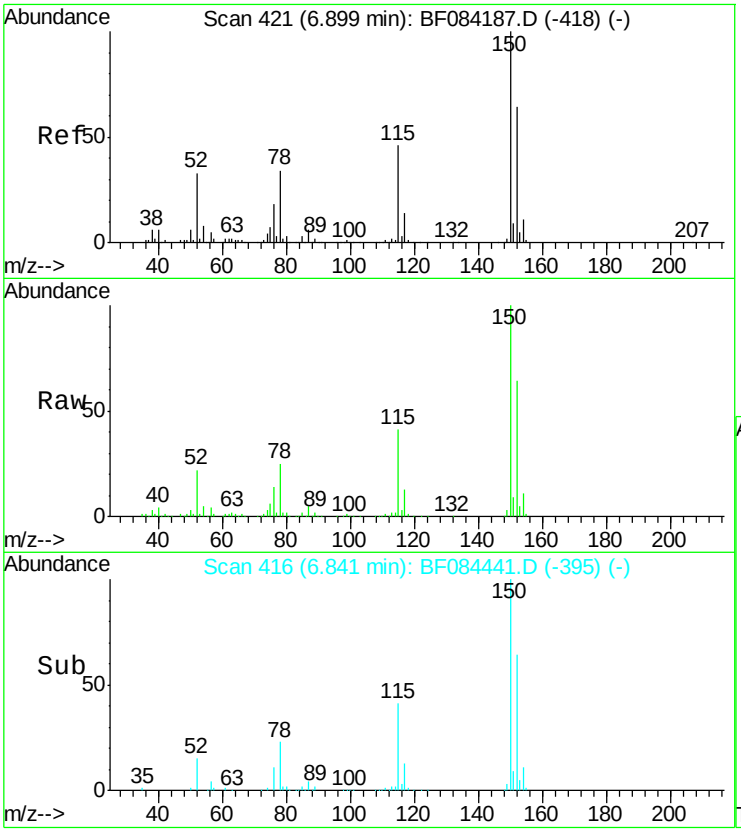
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011216\
Data File : BF084441.D
Acq On : 13 Jan 2016 6:06
Operator : SJ/UM
Sample : H1078-18
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Quant Time: Jan 13 07:27:55 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



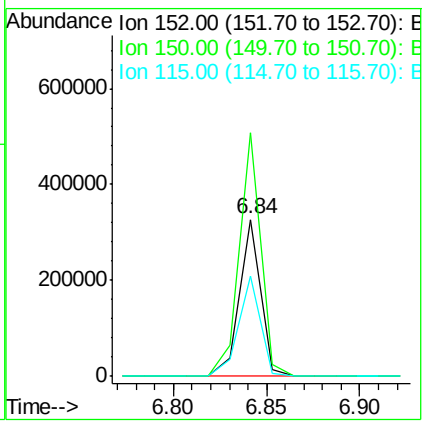


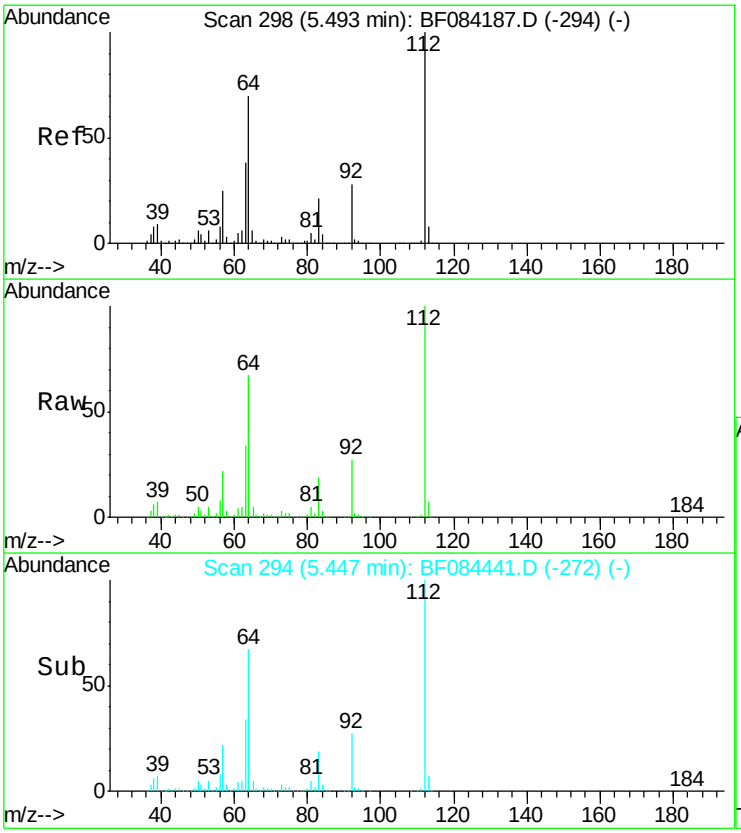
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:152 Resp: 260347

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.0	184.4
115	63.9	51.4	77.2

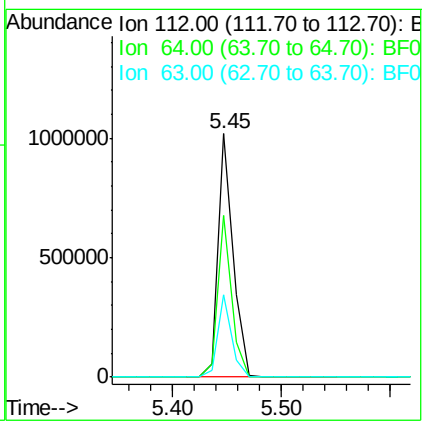


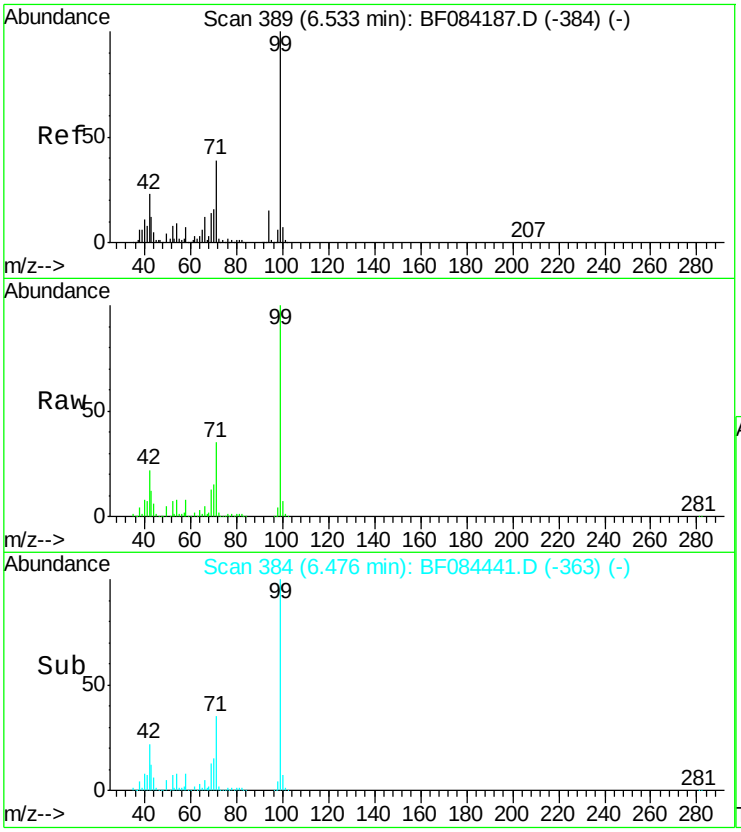


#5
2-Fluorophenol
Concen: 61.31 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.04 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:112 Resp: 986784

Ion	Ratio	Lower	Upper
112	100		
64	66.6	36.6	55.0#
63	33.6	19.4	29.0#



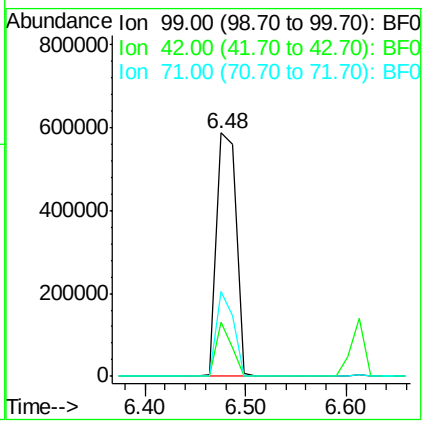


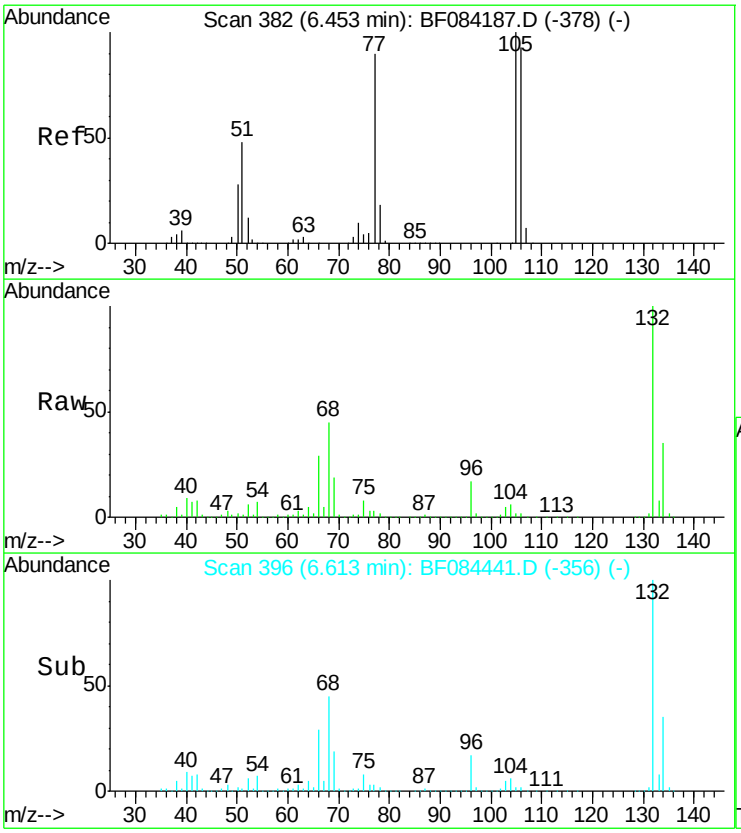
#7
Phenol-d6
Concen: 39.56 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion: 99 Resp: 799644

Ion	Ratio	Lower	Upper
99	100		
42	22.2	12.8	19.2#
71	35.1	30.9	46.3

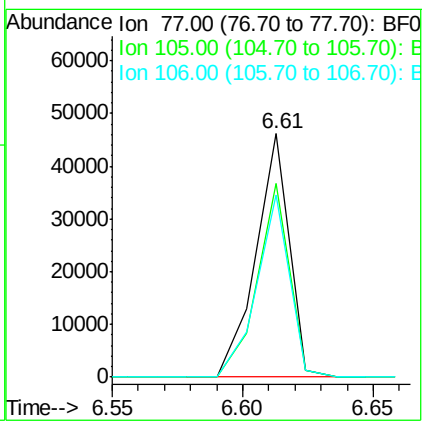


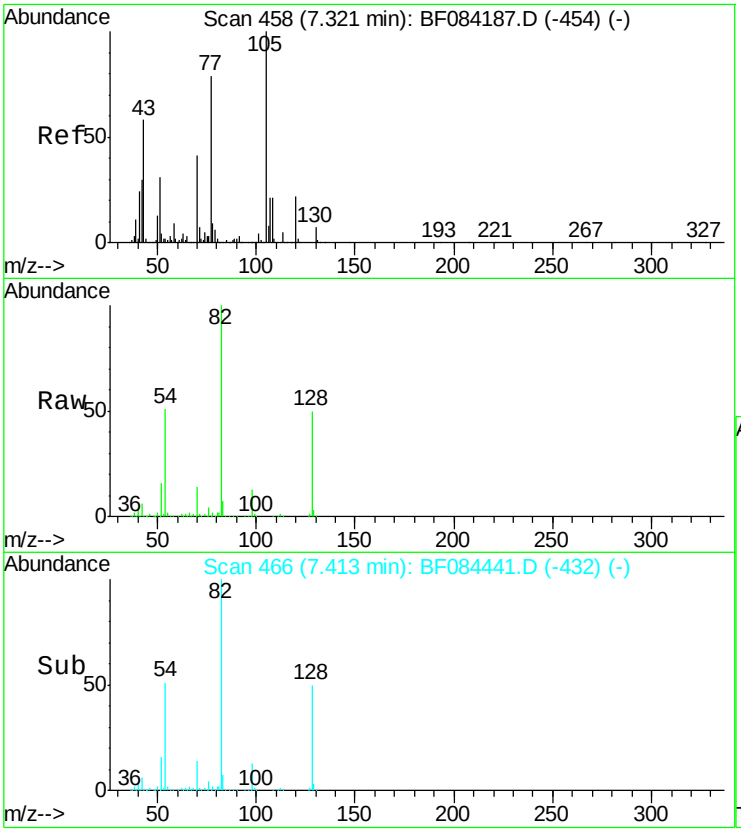


#9
Benzaldehyde
Concen: 3.14 ng
RT: 6.61 min Scan# 396
Delta R.T. 0.16 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion: 77 Resp: 41385

Ion	Ratio	Lower	Upper
77	100		
105	79.3	83.0	123.0#
106	74.8	74.6	114.6



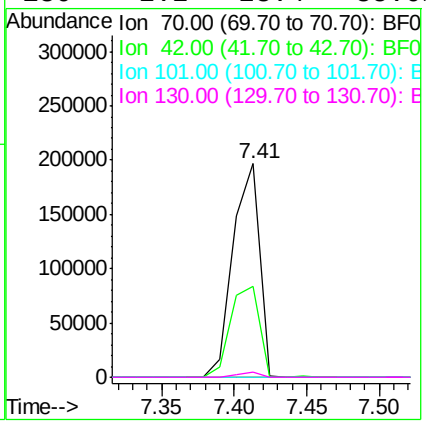


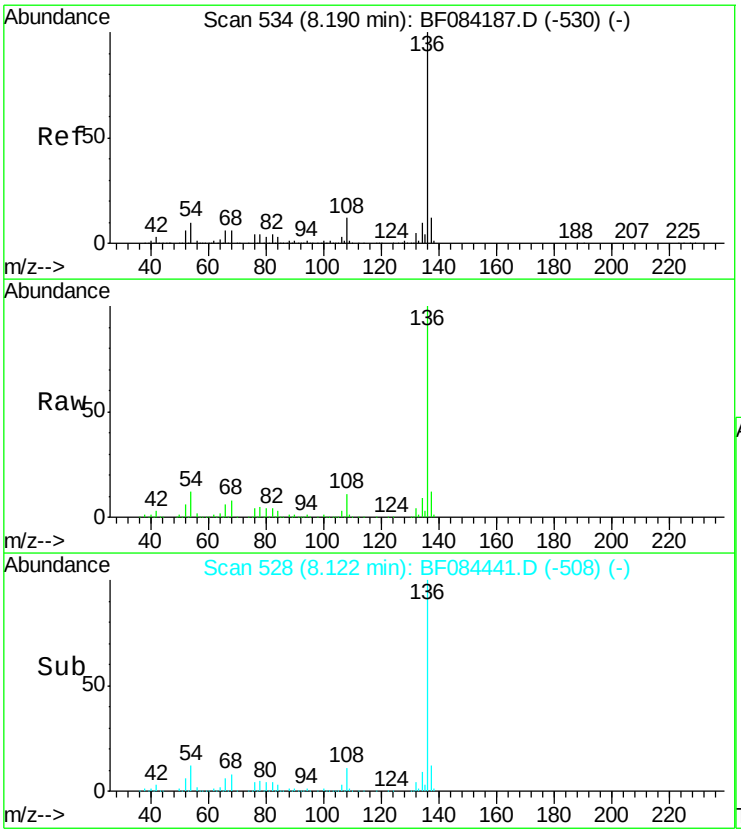
#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.09 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion: 70 Resp: 249478

Ion	Ratio	Lower	Upper
70	100		
42	42.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

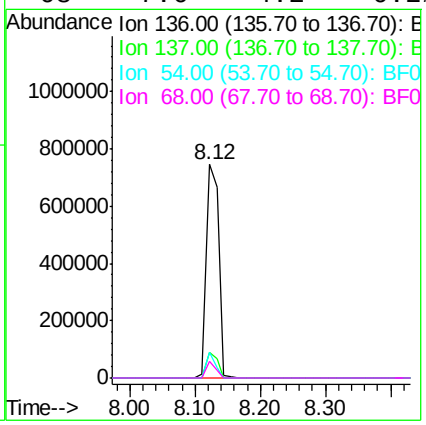


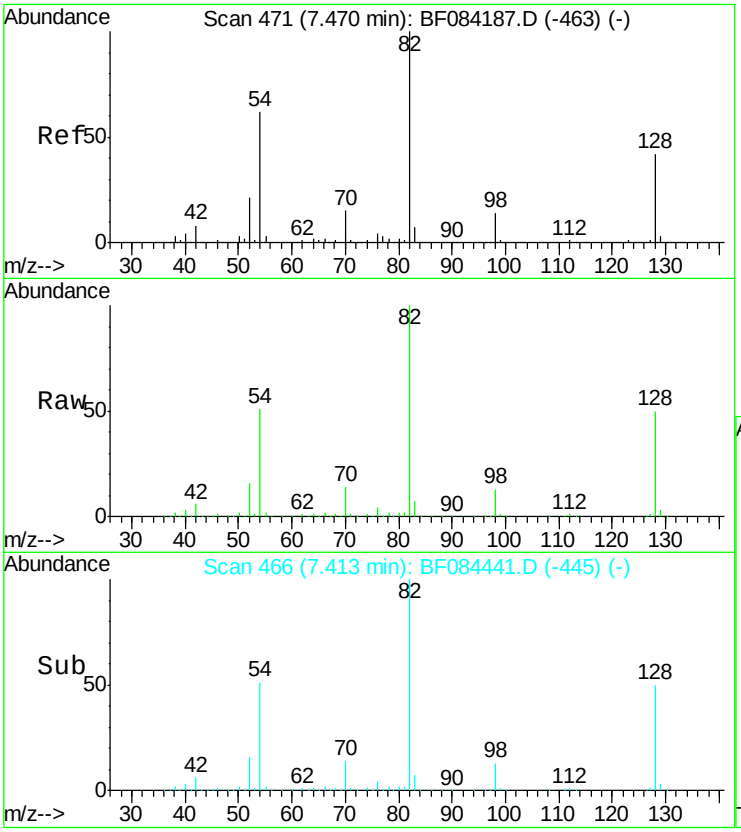


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:136 Resp: 992409

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	12.3	5.8	8.8#
68	7.6	4.2	6.2#



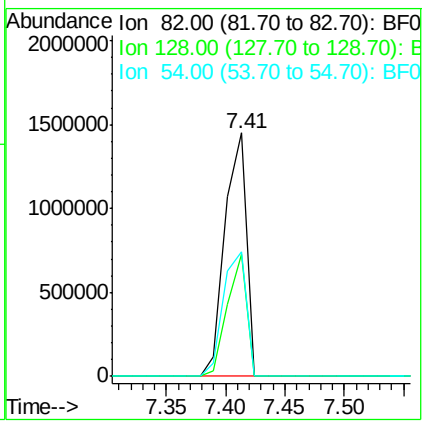


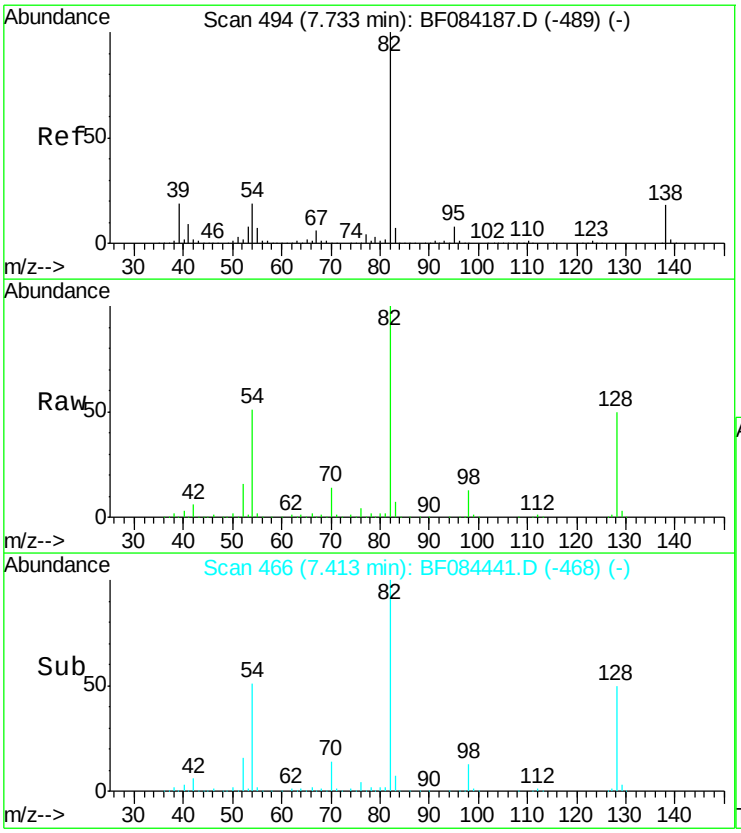
#23
Nitrobenzene-d5
Concen: 101.94 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion: 82 Resp: 1817795

Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.6	51.8
54	51.0	38.4	57.6

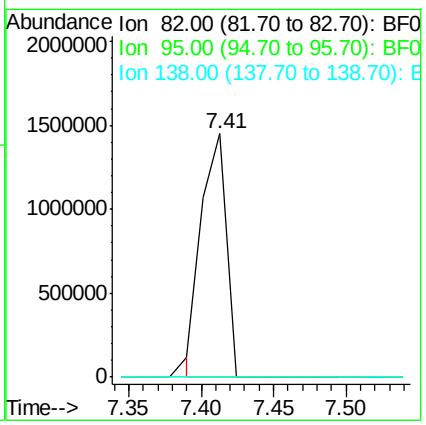


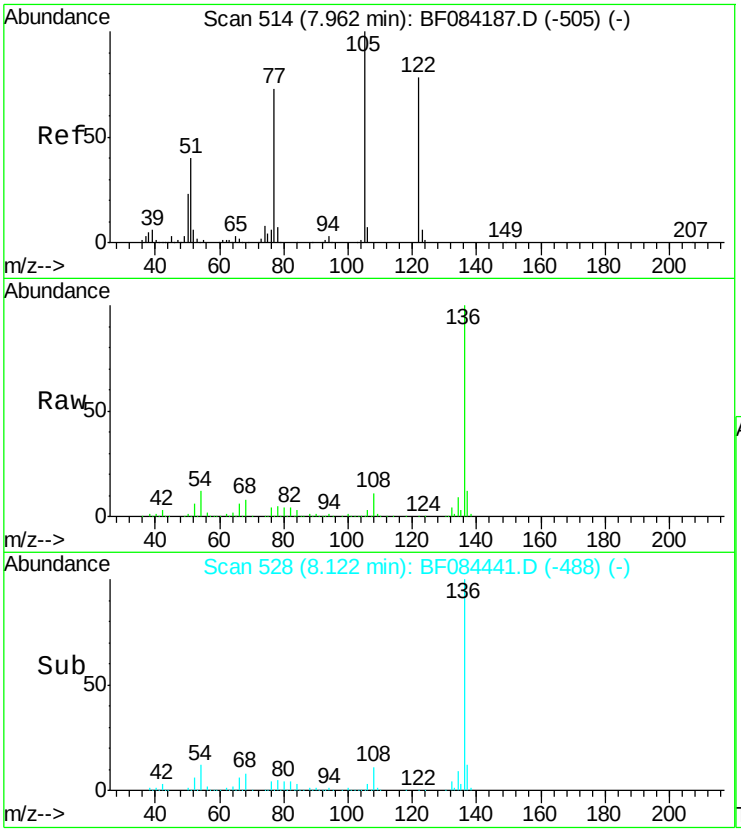


#25
Isophorone
Concen: 50.78 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.32 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion: 82 Resp: 1731830

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



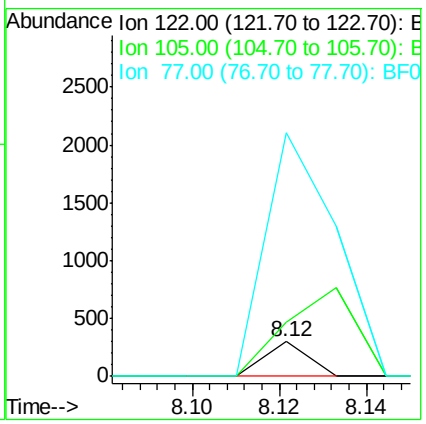


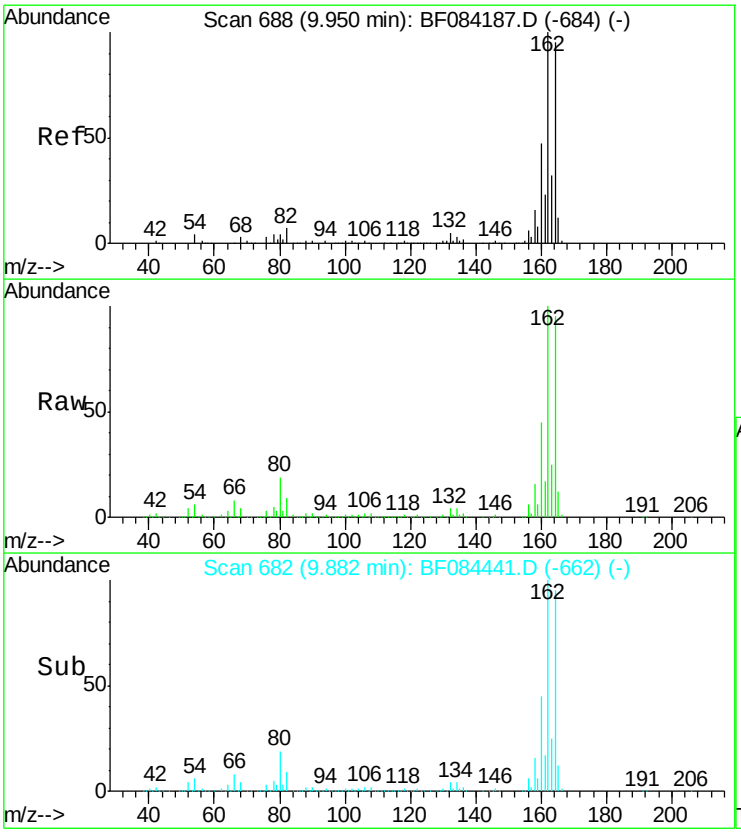
#32
Benzoic acid
Concen: 6.27 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.16 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:122 Resp: 206

Ion	Ratio	Lower	Upper
122	100		
105	157.7	100.3	140.3#
77	701.3	63.5	103.5#

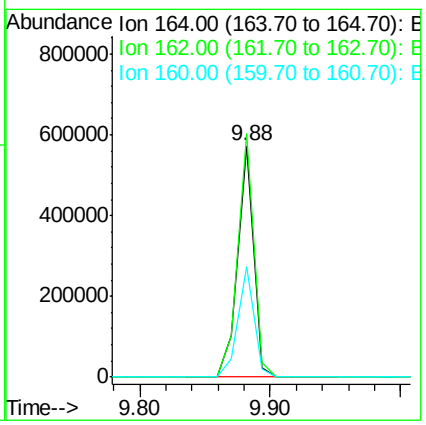


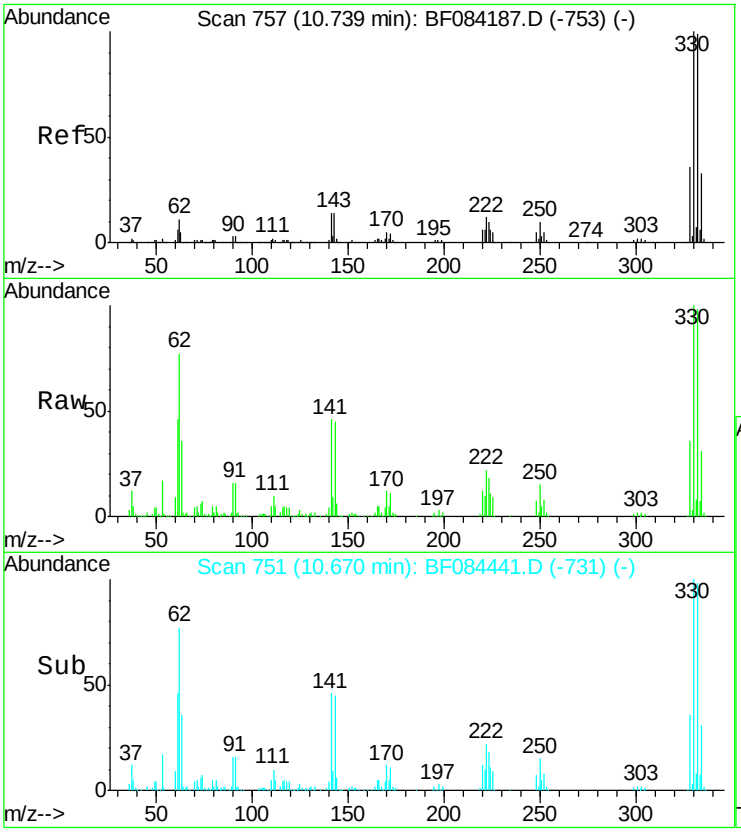


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.07 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:164 Resp: 479409

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.1	127.7
160	47.7	37.5	56.3



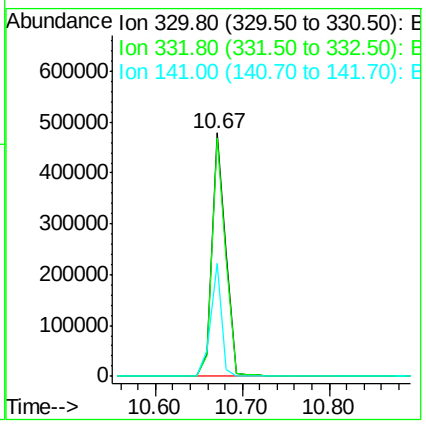


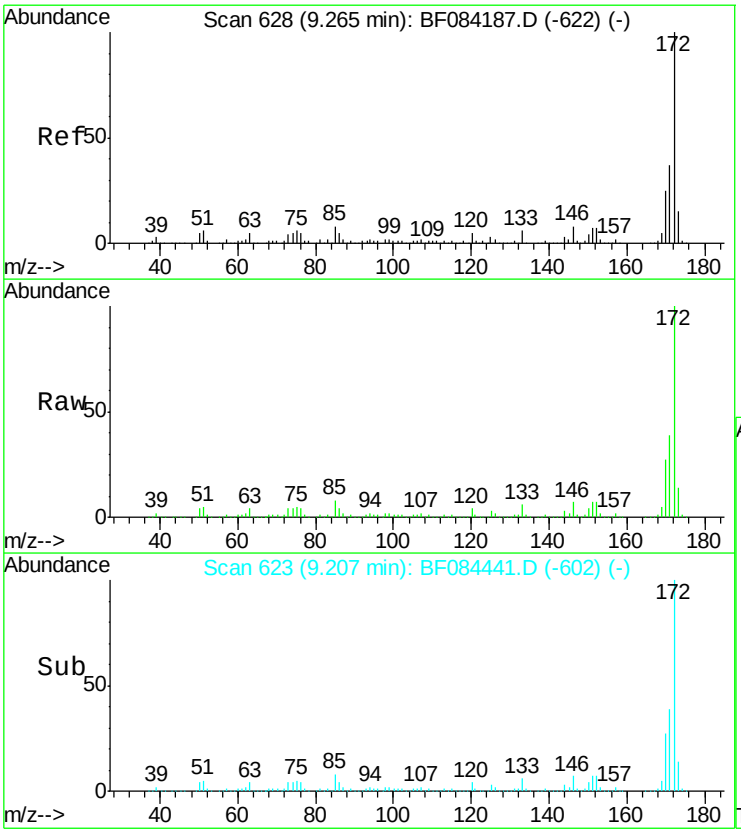
#41
2,4,6-Tribromophenol
Concen: 111.09 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.07 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:330 Resp: 537660

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	37.5	27.8	41.6

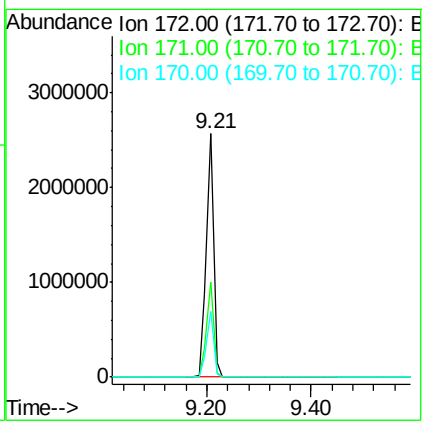


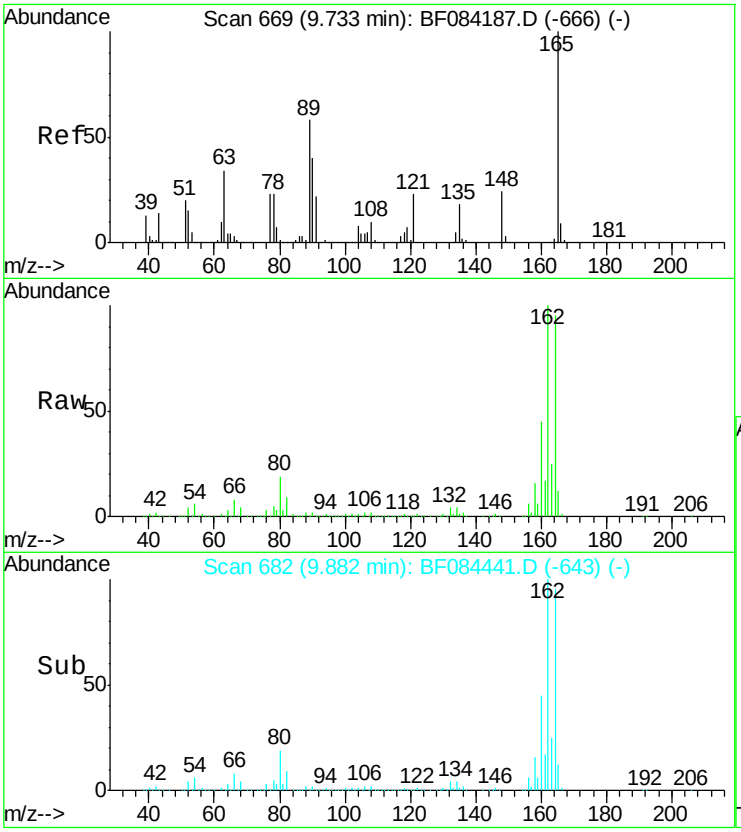


#44
2-Fluorobiphenyl
Concen: 91.96 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:172 Resp: 2492051

Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.9	43.3
170	27.1	18.6	27.8



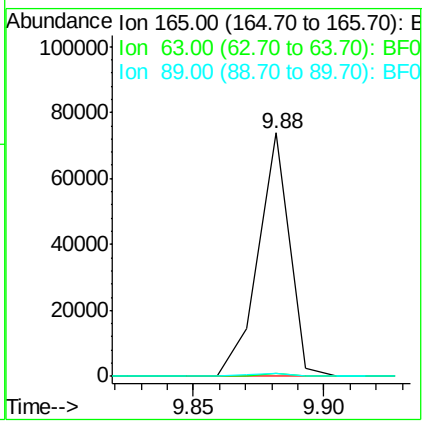


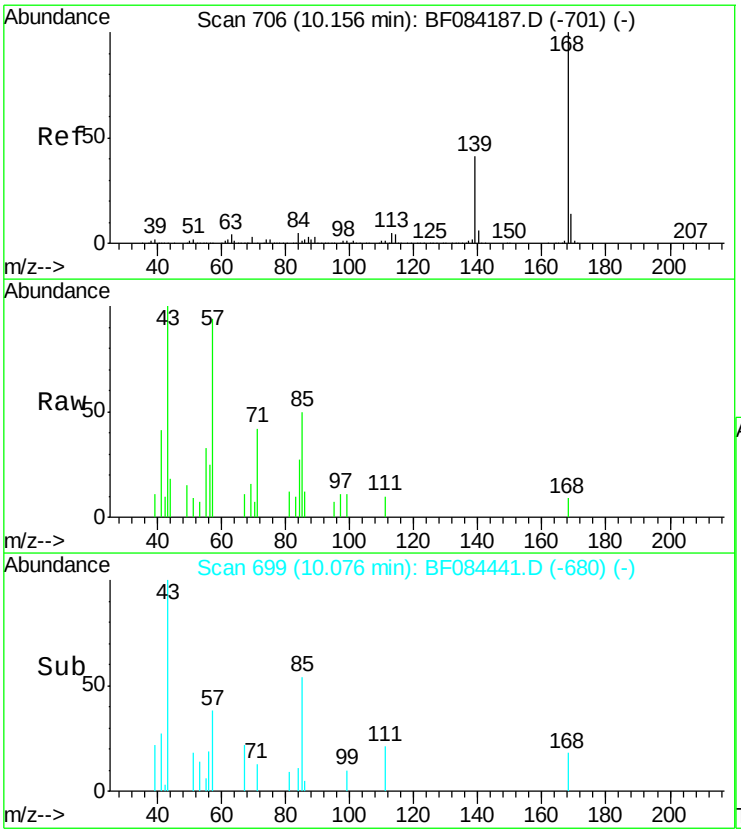
#50
2,6-Dinitrotoluene
Concen: 8.29 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.15 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:165 Resp: 62323

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.8	43.2#
89	1.3	35.1	52.7#

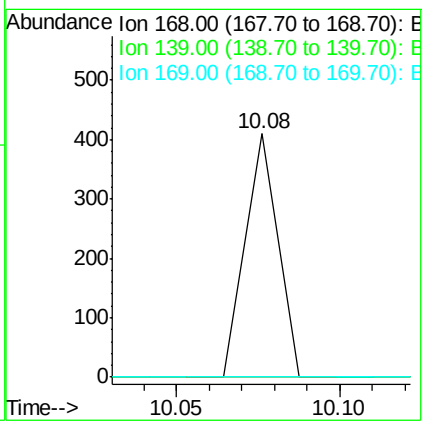


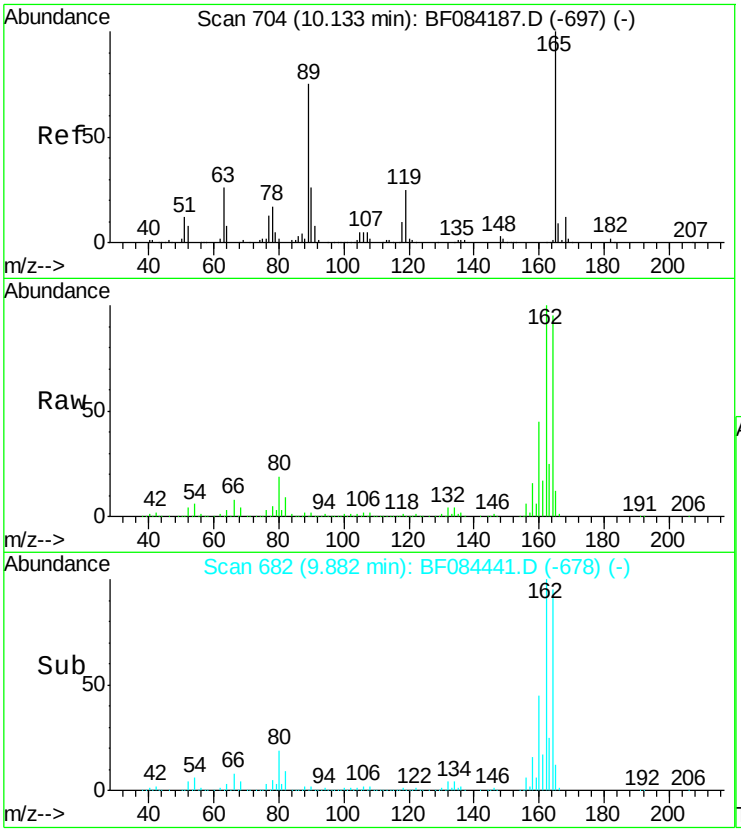


#54
Dibenzofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:168 Resp: 281

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



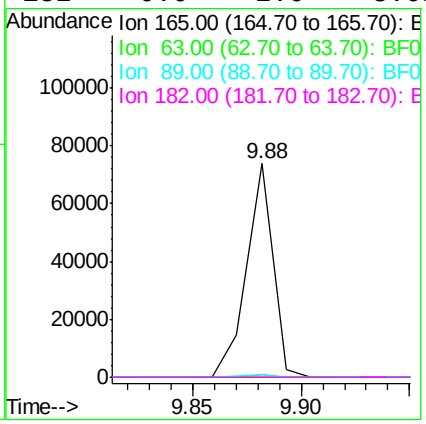


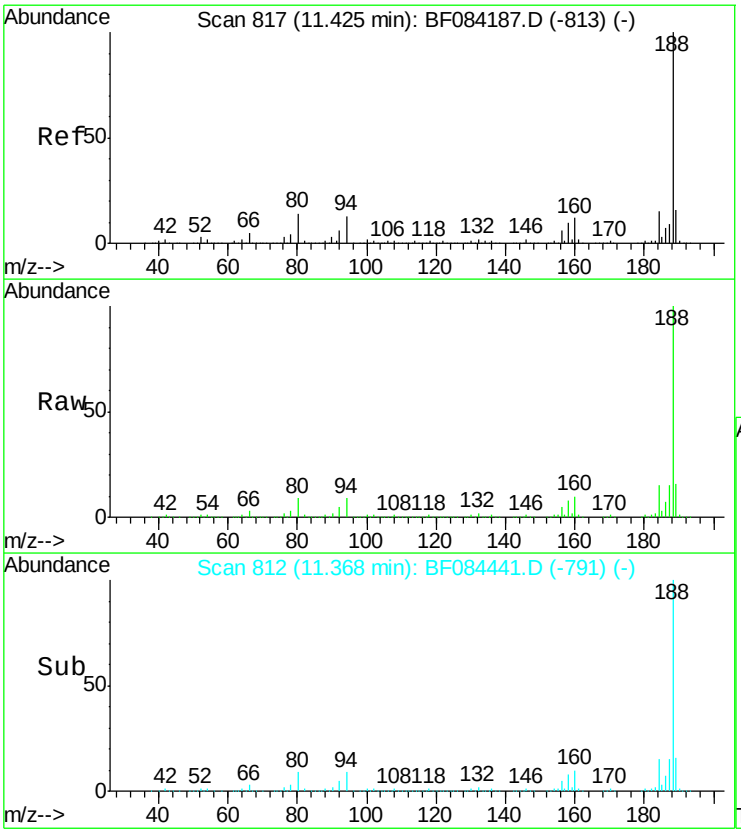
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.25 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:165 Resp: 62326

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

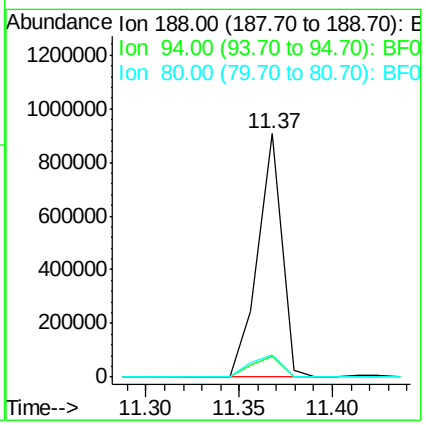


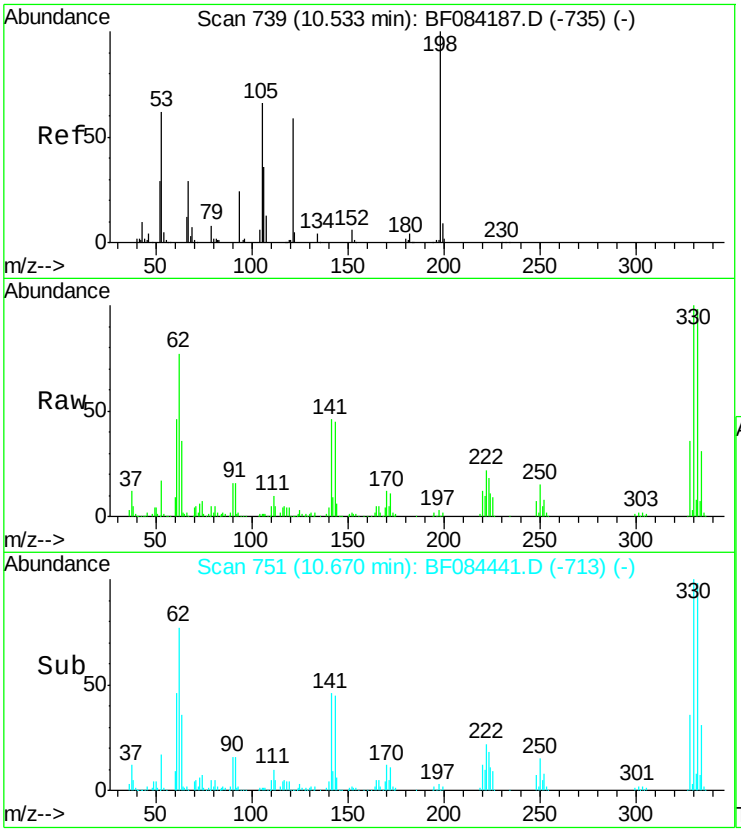


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:188 Resp: 813197

Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	9.0	9.6	14.4#



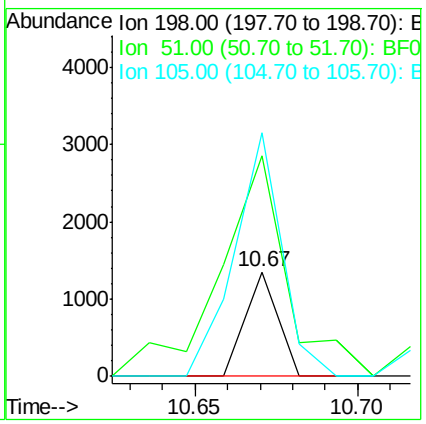


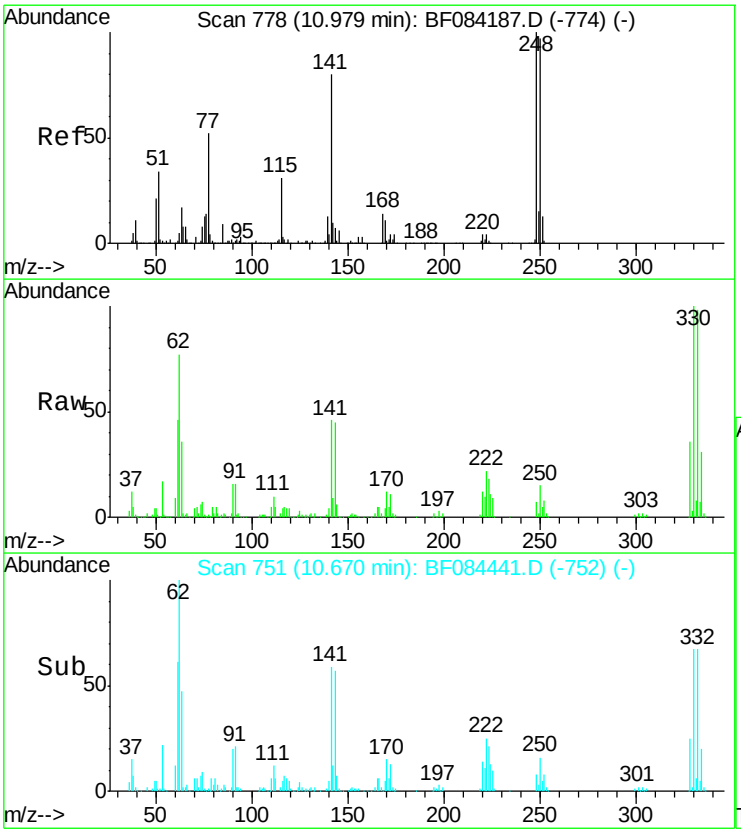
#64
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.14 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:198 Resp: 926

Ion	Ratio	Lower	Upper
198	100		
51	211.7	18.9	58.9#
105	233.3	26.4	66.4#

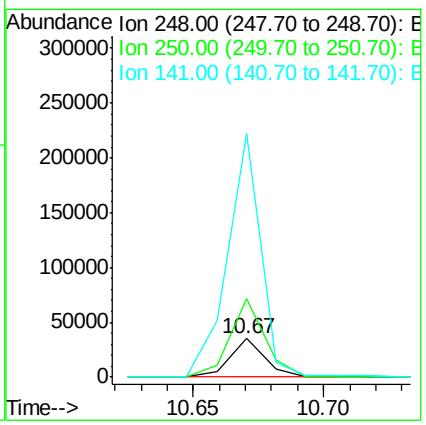


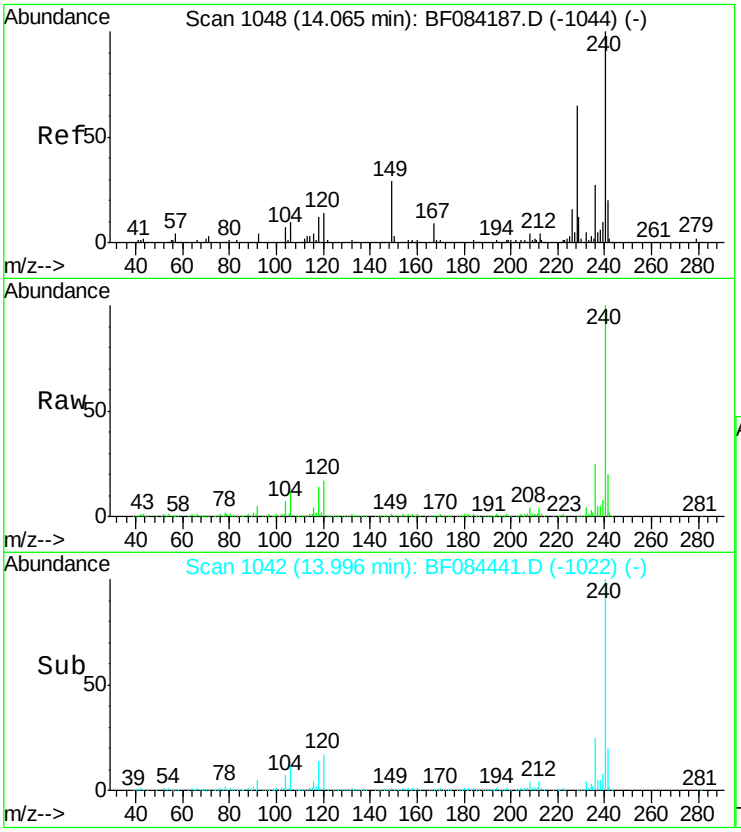


#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.31 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:248 Resp: 33152

Ion	Ratio	Lower	Upper
248	100		
250	202.2	78.4	117.6#
141	628.9	44.0	66.0#



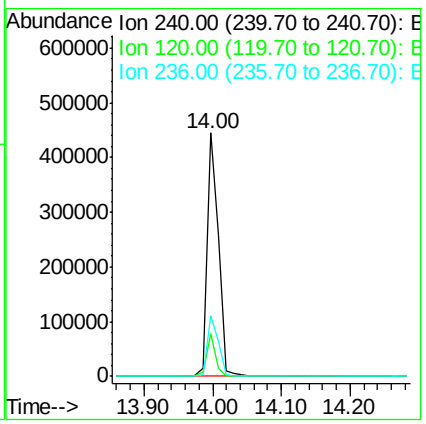


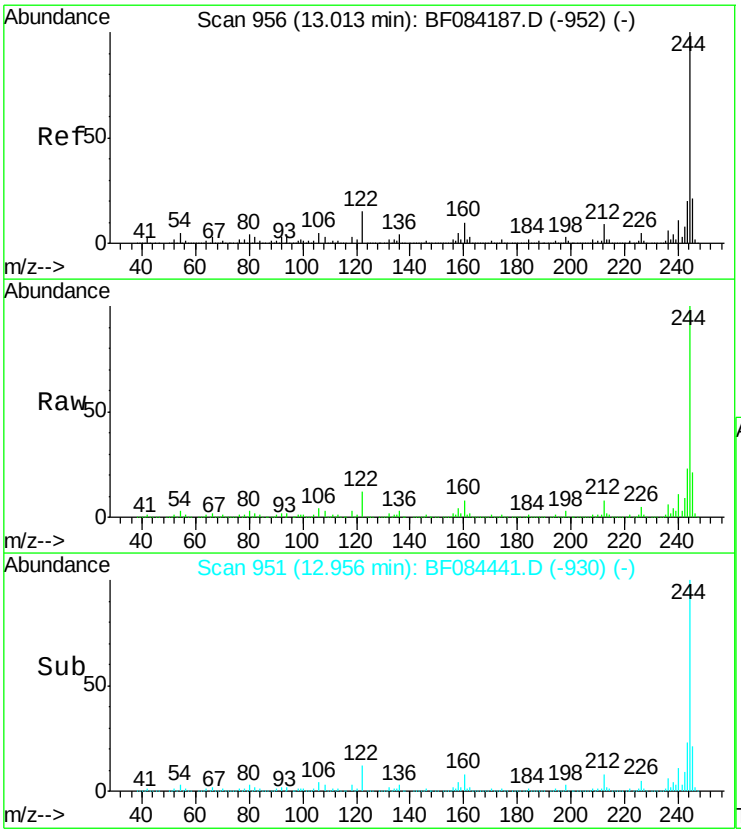
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:240 Resp: 509631

Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.5	14.3#
236	24.9	20.6	31.0

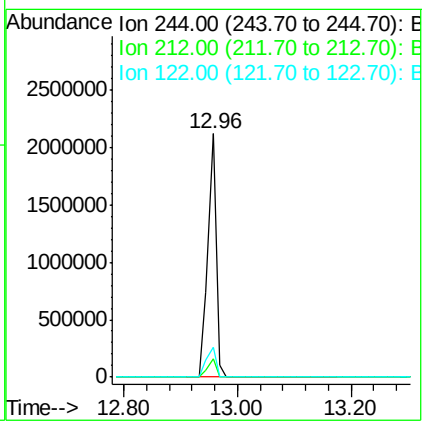


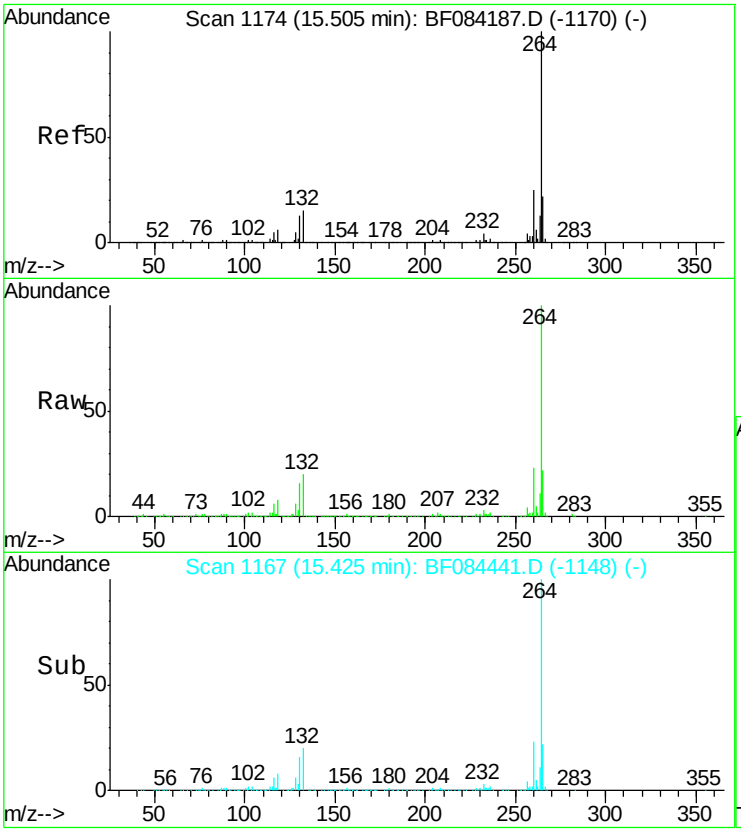


#78
Terphenyl-d14
Concen: 90.12 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.06 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Tgt Ion:244 Resp: 2057620

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	12.3	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF084441.D
Acq: 13 Jan 2016 6:06

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tgt Ion:264 Resp: 462438

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.5	17.8	26.6