Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
Data File : BF088221.D
Acq On : 21 Jun 2016 19:17
Operator : UM/SJ
Sample : H3656-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM2

Quant Time: Jun 22 00:50:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	82553	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	313485	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	149410	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	291060	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	243454	20.00	ng	-0.01
86) Perylene-d12	15.17	264	177685	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	259536	53.75	ng	-0.01
7) Phenol-d6	6.30	99	198517	33.92	ng	-0.03
23) Nitrobenzene-d5	7.22	82	438272	81.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	183753	116.48	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	831039	87.54	ng	-0.02
78) Terphenyl-d14	12.75	244	765289	71.53	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	10572	2.61	ng	# 76
10) Phenol	6.32	94	411	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.22	70	57159	15.27	ng	# 71
45) 1,1'-Biphenyl	9.02	154	1748	Below Cal		# 1
50) 2,6-Dinitrotoluene	9.68	165	18734	7.56	ng	# 37
56) 2,4-Dinitrotoluene	9.68	165	18734	5.88	ng	# 36
64) 4,6-Dinitro-2-methylphenol	10.48	198	265	2.30	ng	# 13
66) 4-Bromophenyl-phenylether	10.48	248	12180	3.90	ng	# 1

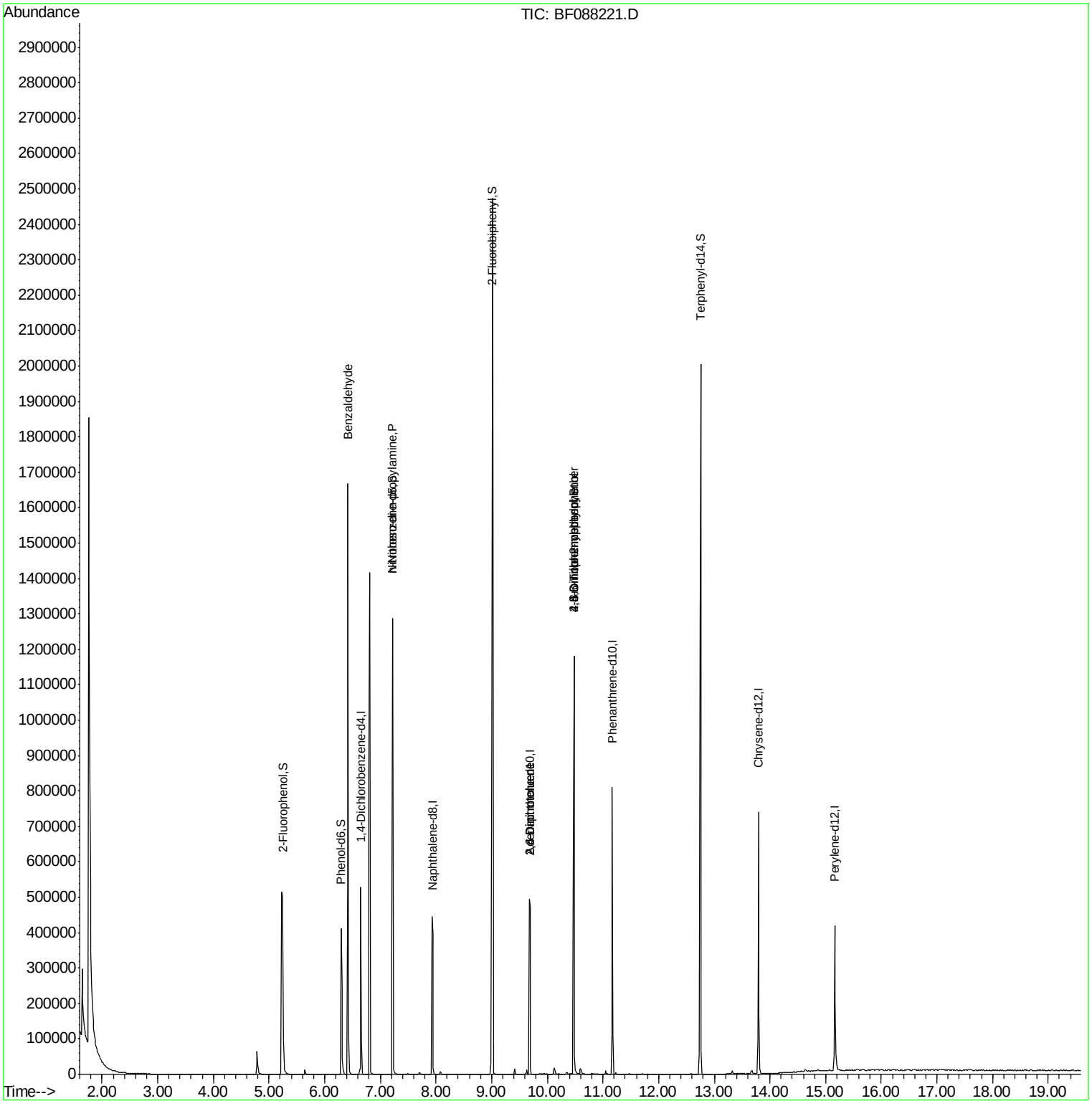
(#) = qualifier out of range (m) = manual integration (+) = signals summed

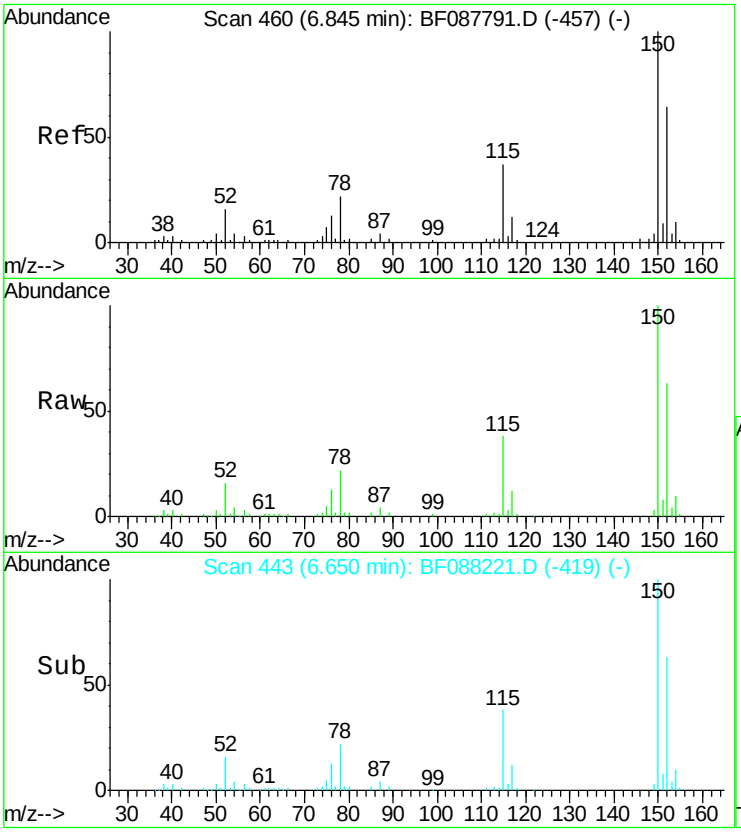
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
Data File : BF088221.D
Acq On : 21 Jun 2016 19:17
Operator : UM/SJ
Sample : H3656-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM2

Quant Time: Jun 22 00:50:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration



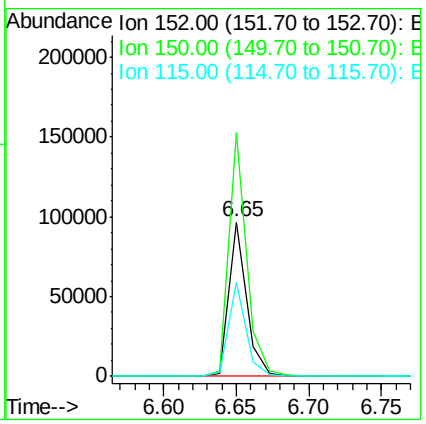


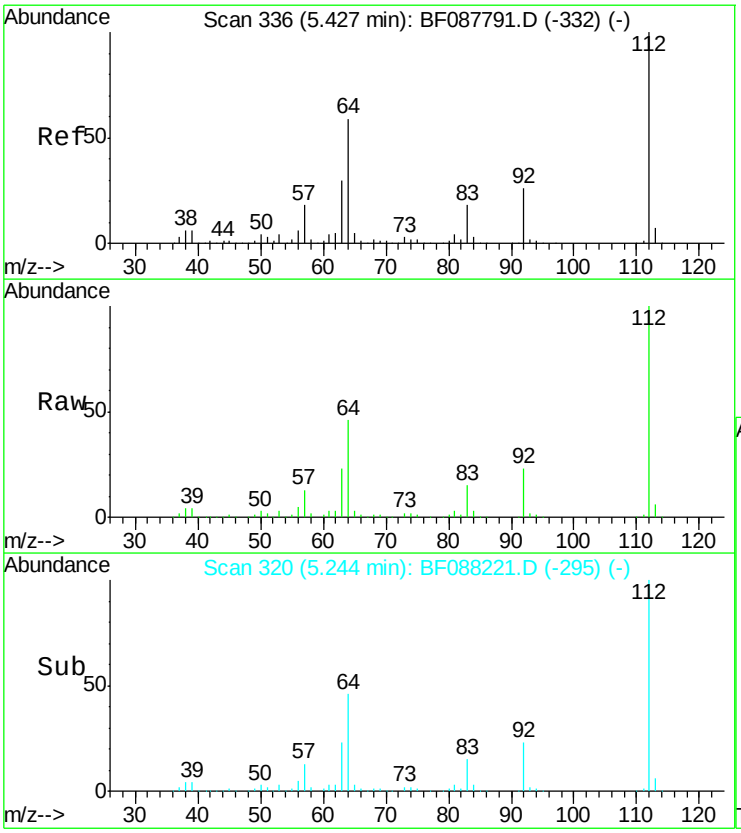
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:152 Resp: 82553

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	60.7	39.6	59.4#

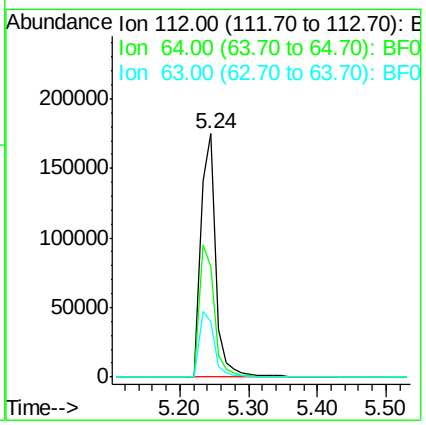


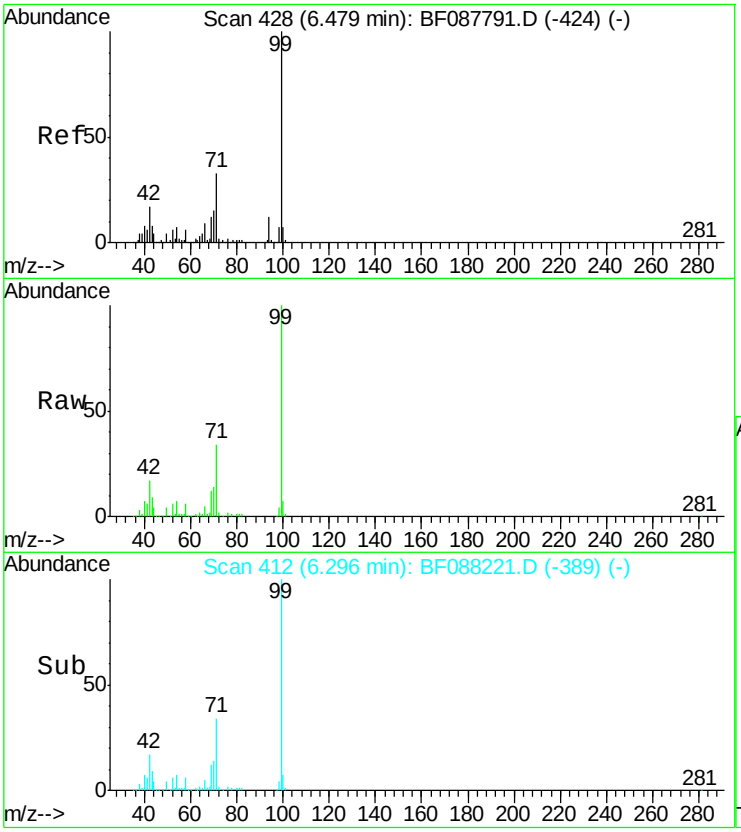


#5
2-Fluorophenol
Concen: 53.75 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:112 Resp: 259536

Ion	Ratio	Lower	Upper
112	100		
64	45.5	42.2	63.2
63	22.6	21.8	32.8



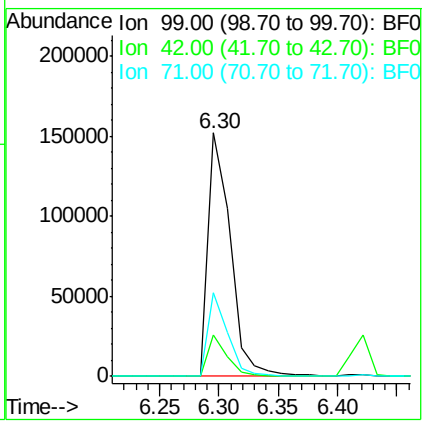


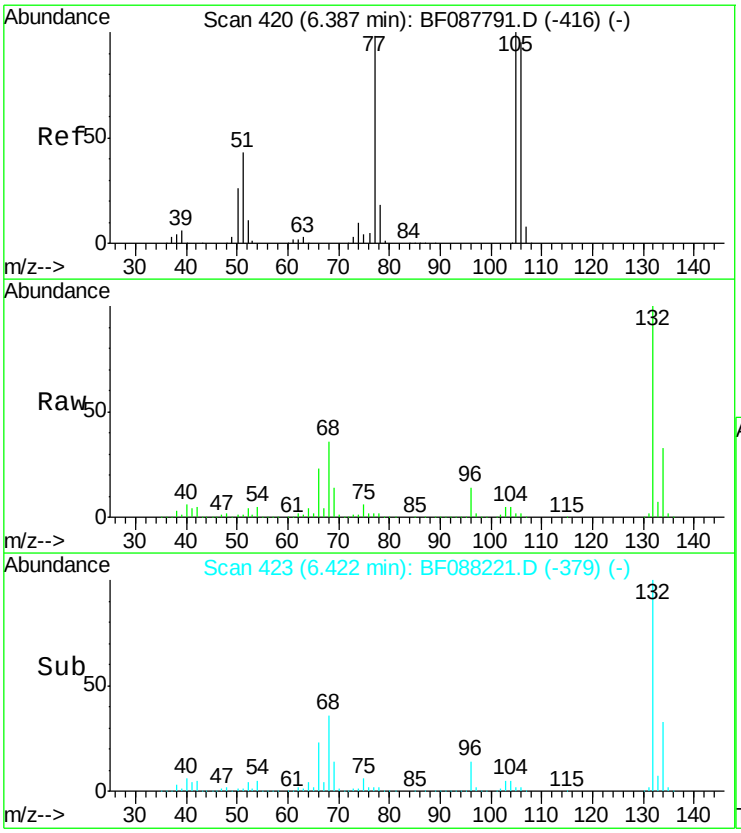
#7
Phenol-d6
Concen: 33.92 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion: 99 Resp: 198517

Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.2	18.2
71	34.4	23.4	35.0

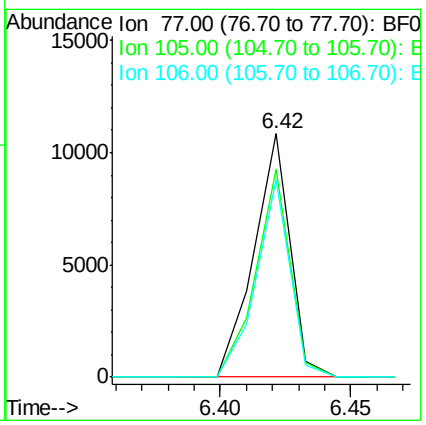


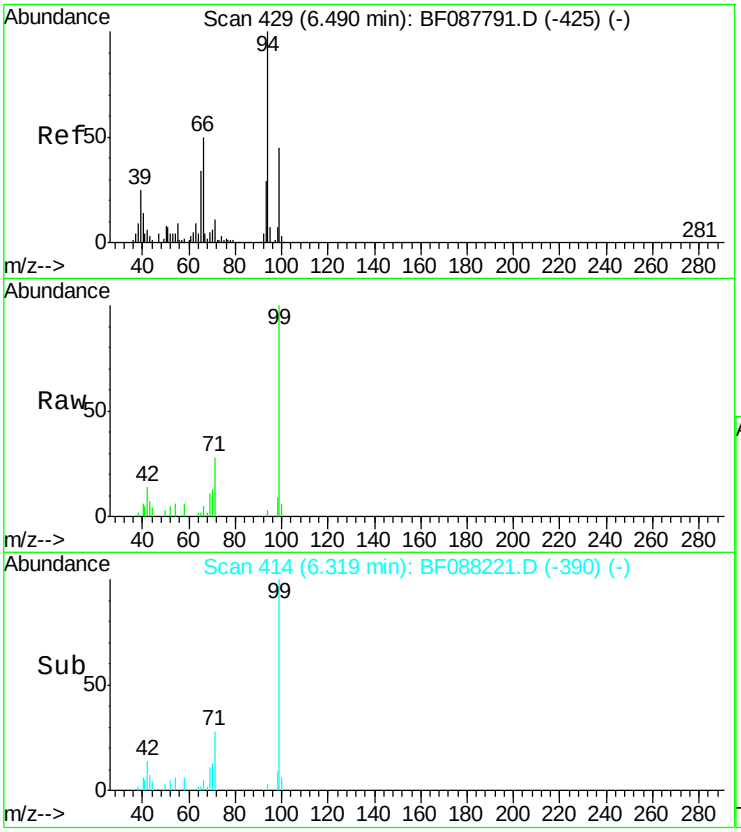


#9
Benzaldehyde
Concen: 2.61 ng
RT: 6.42 min Scan# 423
Delta R.T. 0.21 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion: 77 Resp: 10572

Ion	Ratio	Lower	Upper
77	100		
105	85.4	90.6	130.6#
106	81.4	85.3	125.3#



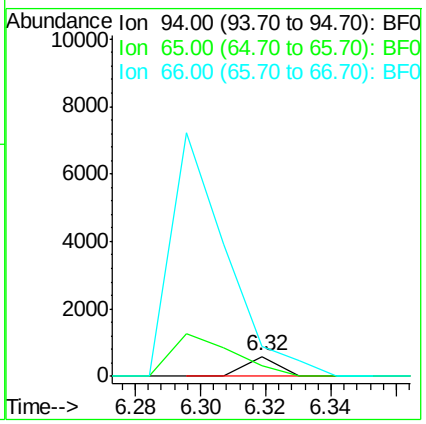


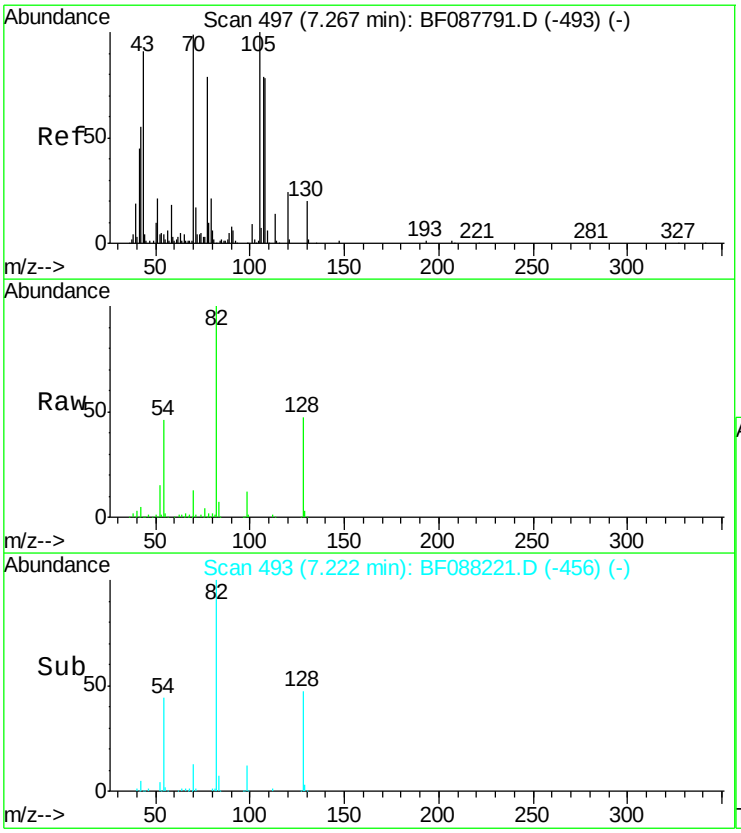
#10
Phenol
Concen: Below Cal
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion: 94 Resp: 411

Ion	Ratio	Lower	Upper
94	100		
65	51.2	5.9	45.9#
66	149.0	14.0	54.0#

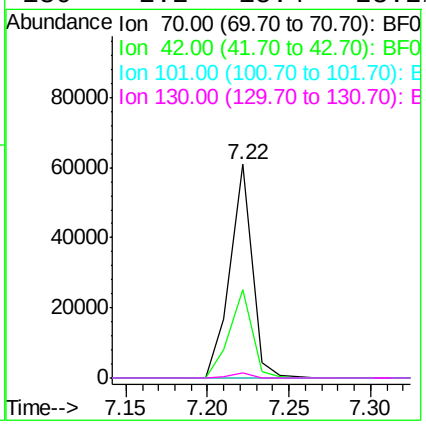


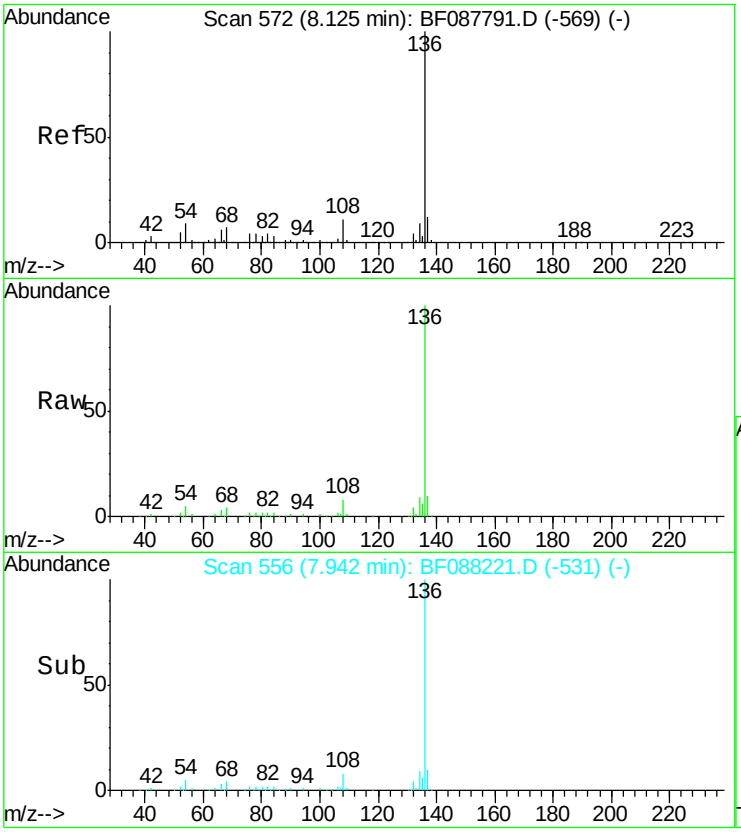


#19
n-Nitroso-di-n-propylamine
Concen: 15.27 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.13 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion: 70 Resp: 57159

Ion	Ratio	Lower	Upper
70	100		
42	41.3	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



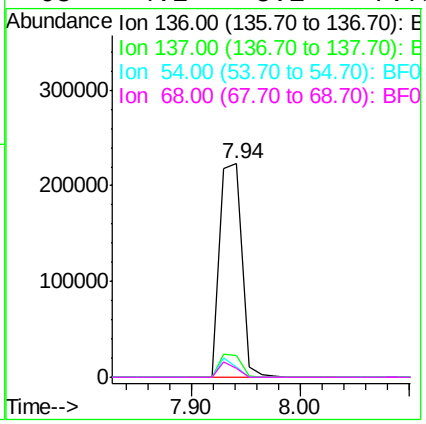


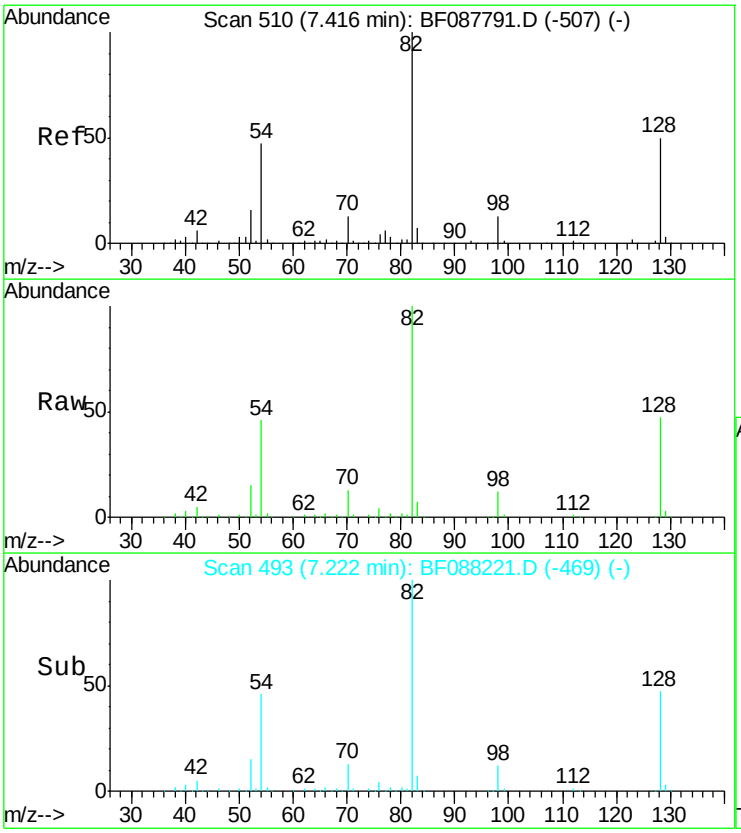
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:136 Resp: 313485

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	4.7	6.6	10.0#
68	4.2	5.1	7.7#

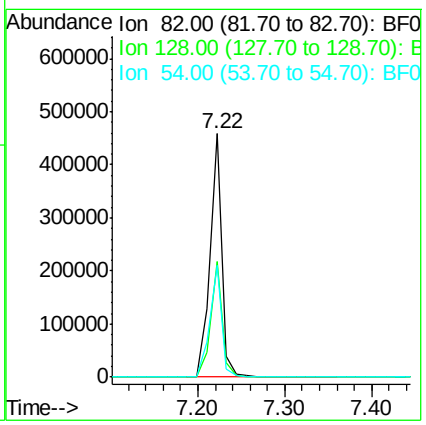


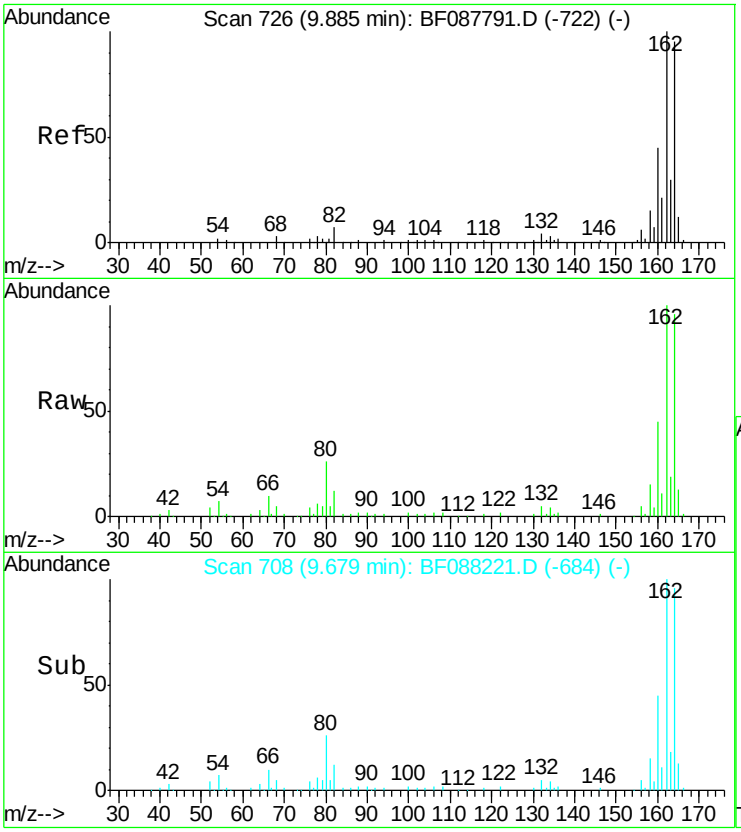


#23
Nitrobenzene-d5
Concen: 81.64 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion: 82 Resp: 438272

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.9	53.9
54	46.1	40.9	61.3



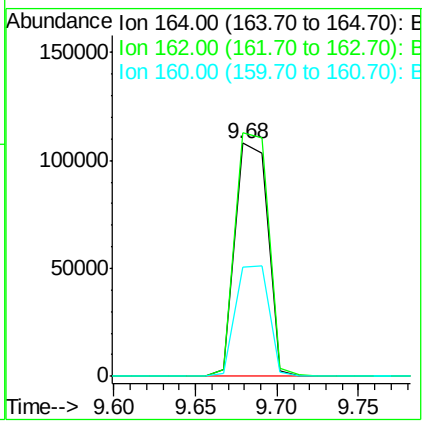


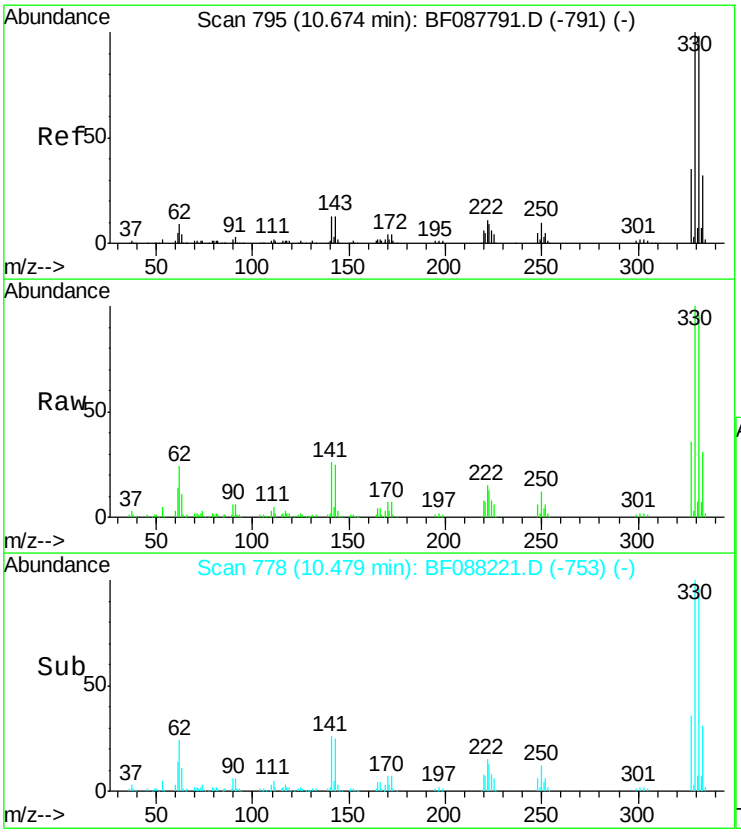
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:164 Resp: 149410

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.4	128.2
160	46.6	39.5	59.3

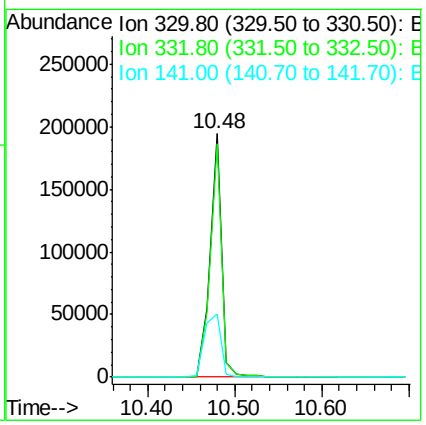


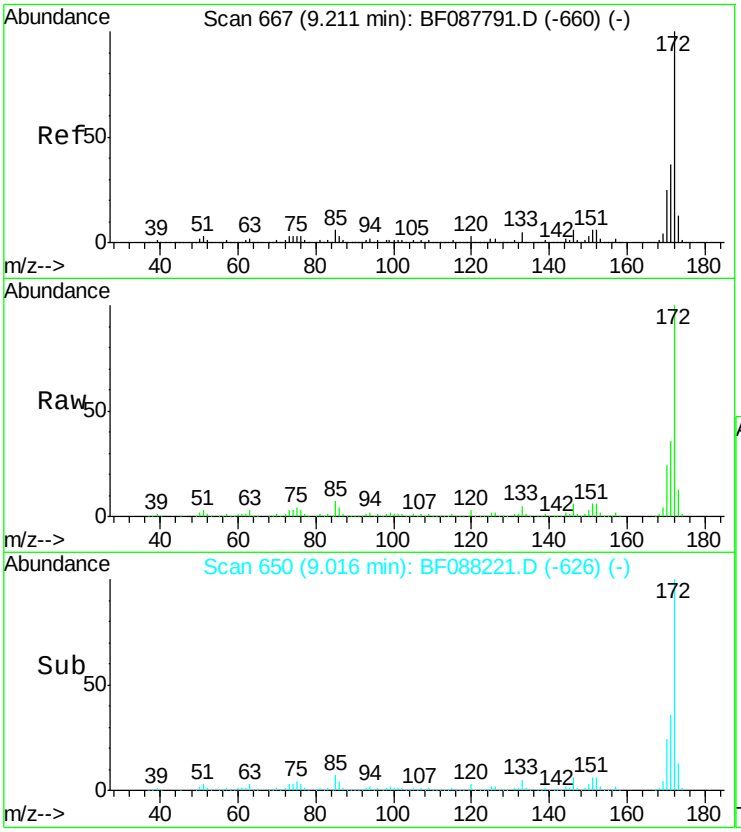


#41
2,4,6-Tribromophenol
Concen: 116.48 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:330 Resp: 183753

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	36.7	0.0	0.0#



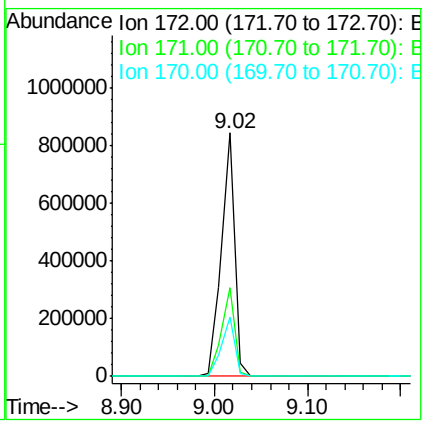


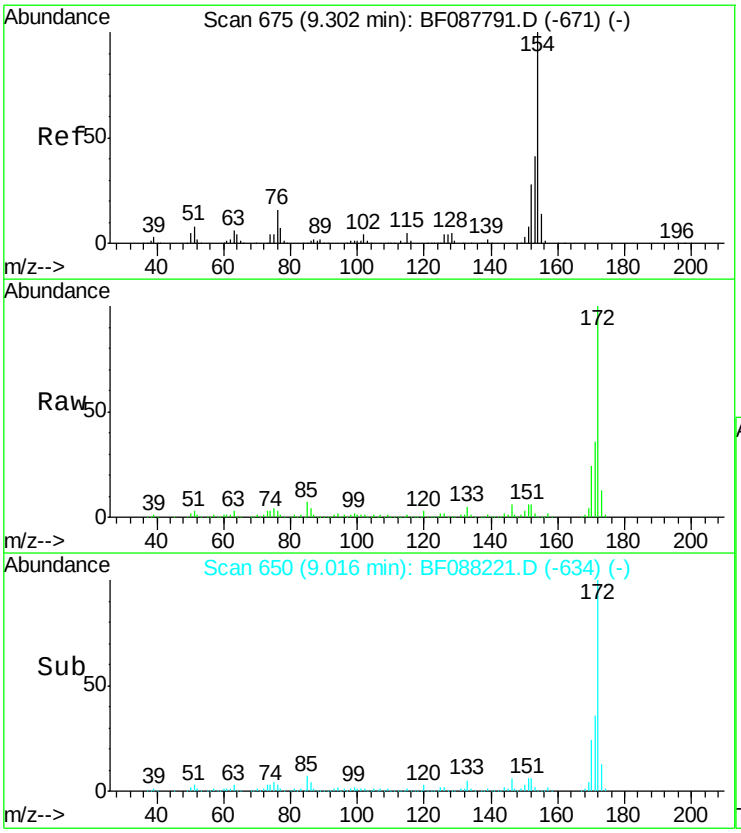
#44
2-Fluorobiphenyl
Concen: 87.54 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:172 Resp: 831039

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.4	19.2	28.8

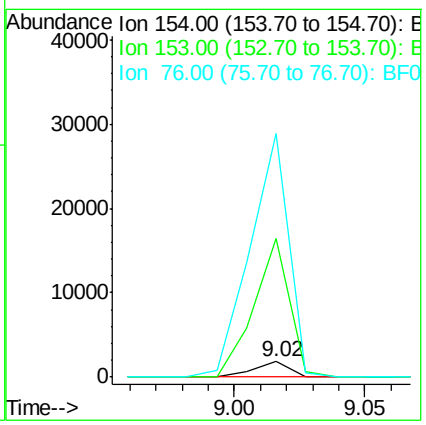


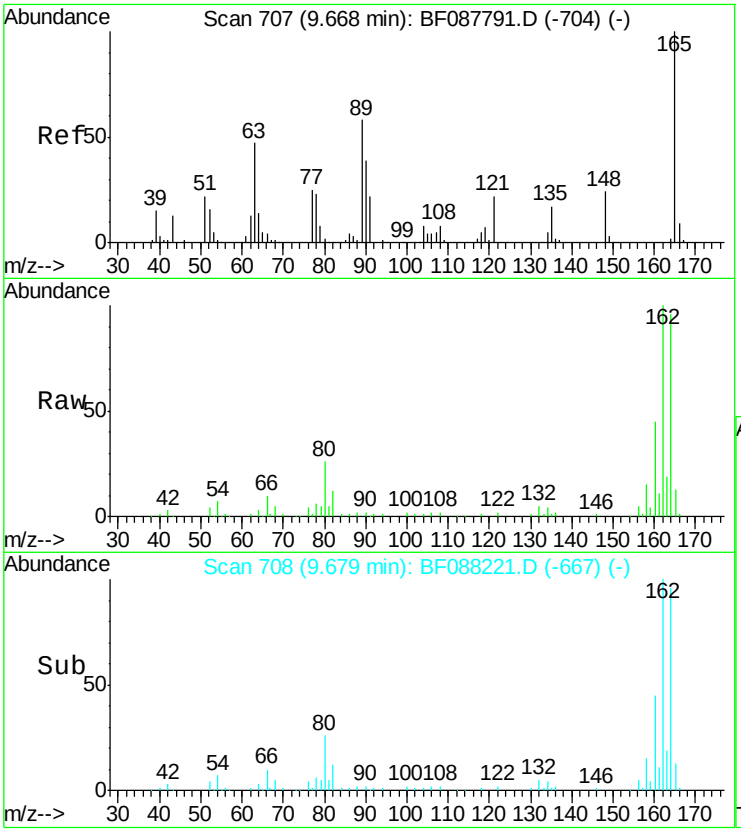


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.11 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:154 Resp: 1748

Ion	Ratio	Lower	Upper
154	100		
153	884.8	20.6	60.6#
76	1553.5	0.0	35.1#



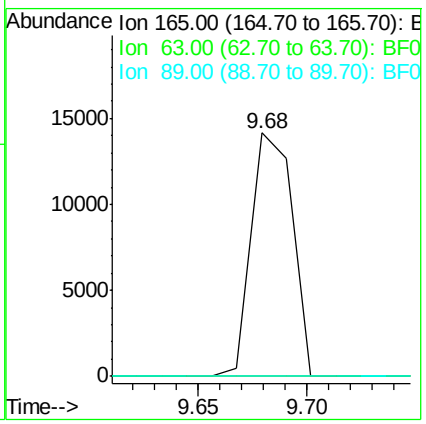


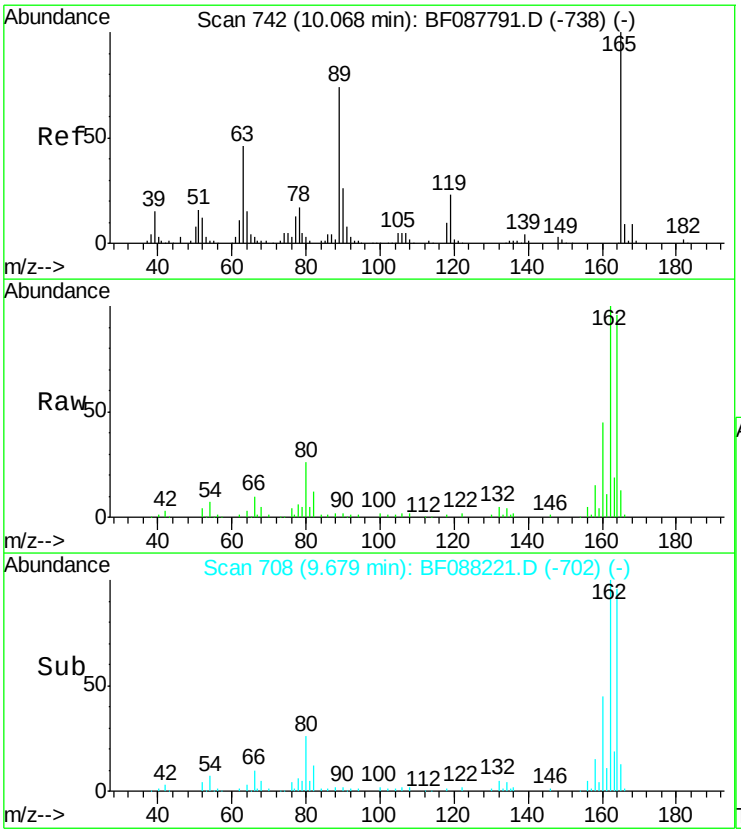
#50
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.17 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:165 Resp: 18734

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

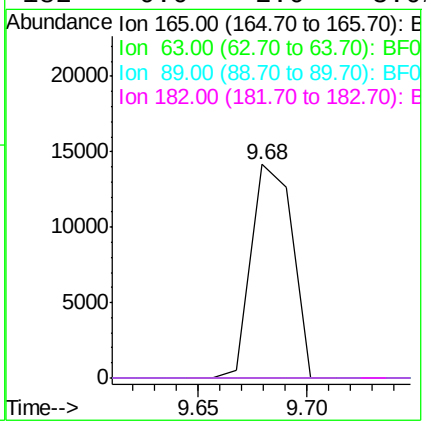


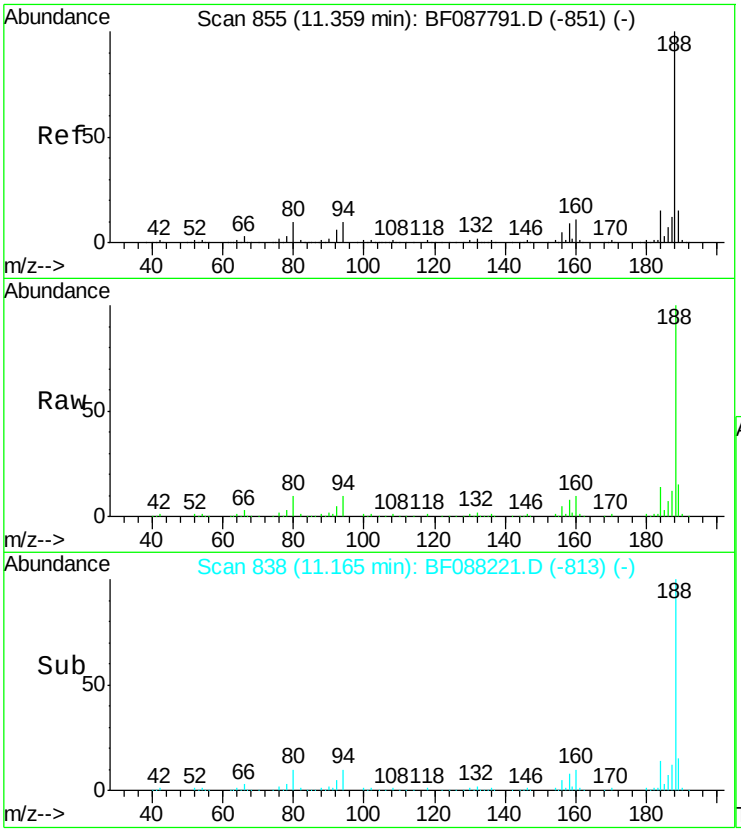


#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.23 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:165 Resp: 18734

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



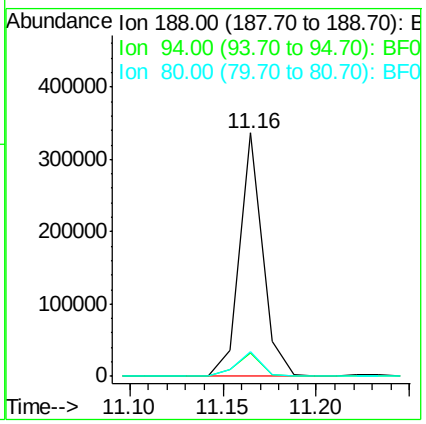


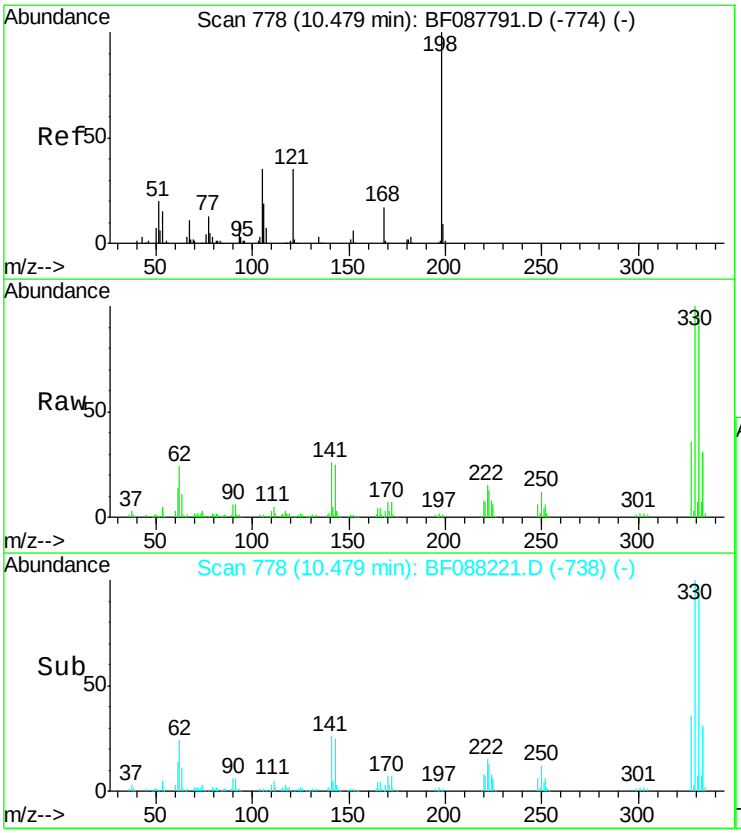
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:188 Resp: 291060

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.6
80	9.9	10.0	15.0#

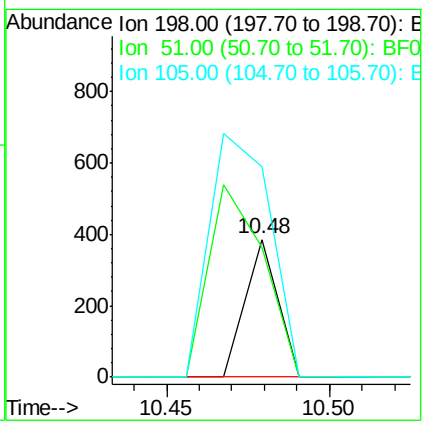


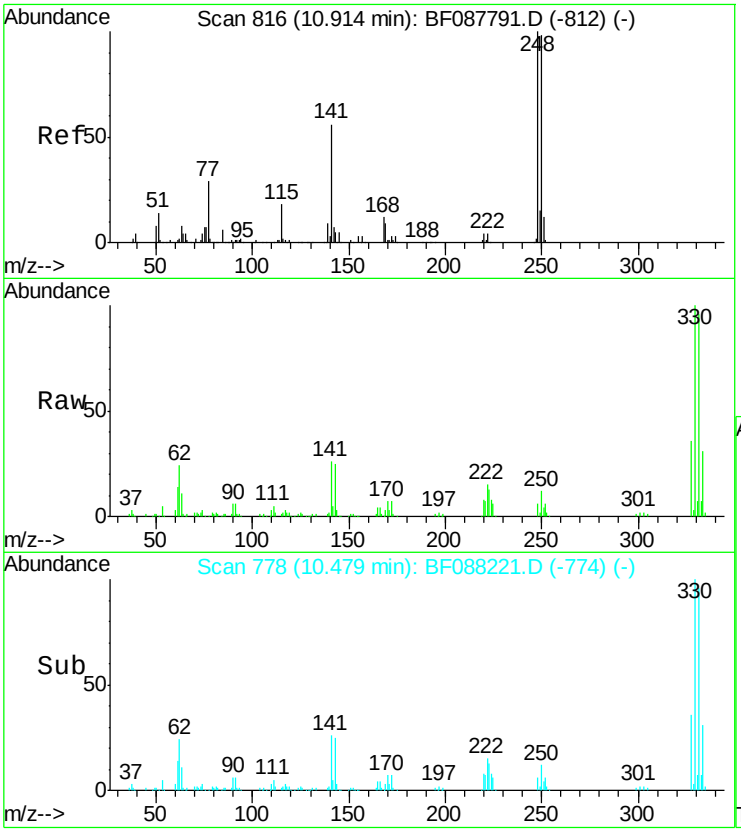


#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.16 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:198 Resp: 265

Ion	Ratio	Lower	Upper
198	100		
51	93.8	39.6	79.6#
105	152.6	36.6	76.6#



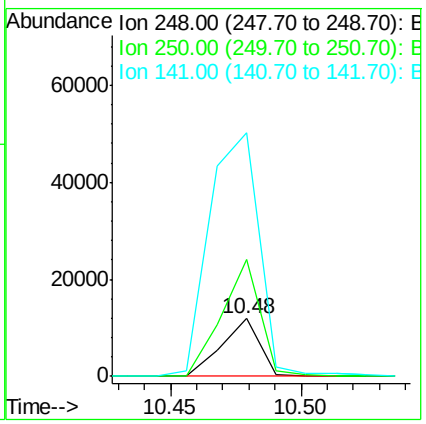


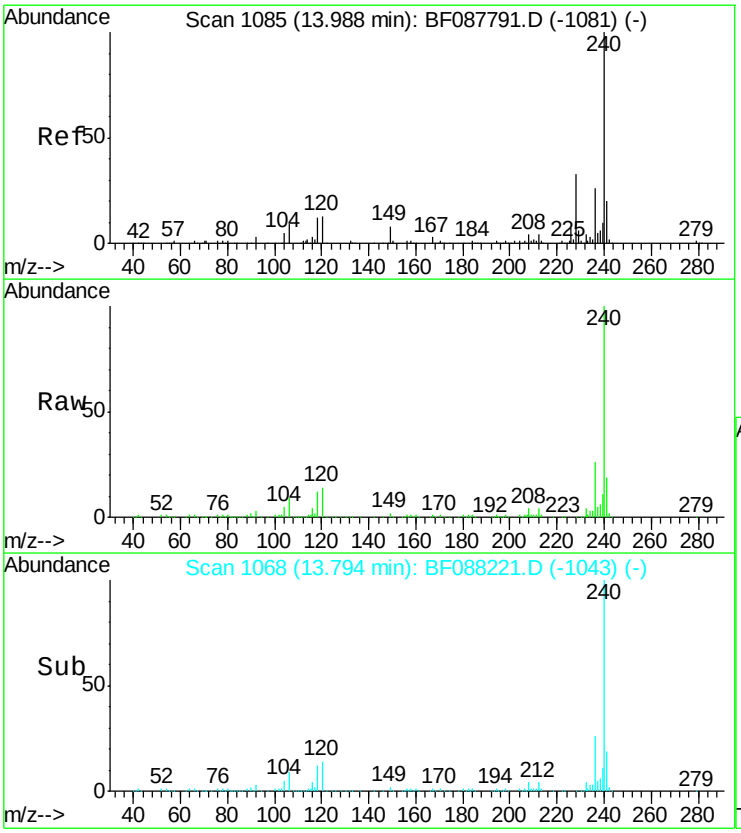
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.25 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:248 Resp: 12180

Ion	Ratio	Lower	Upper
248	100		
250	200.8	77.1	115.7#
141	420.2	50.6	76.0#

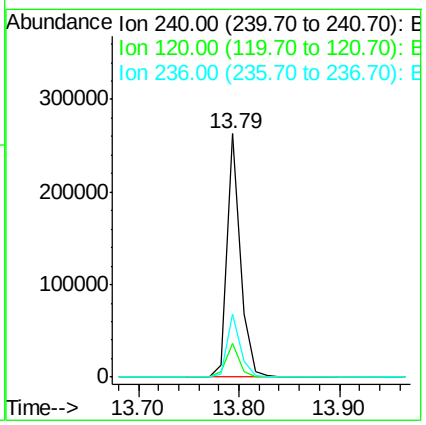


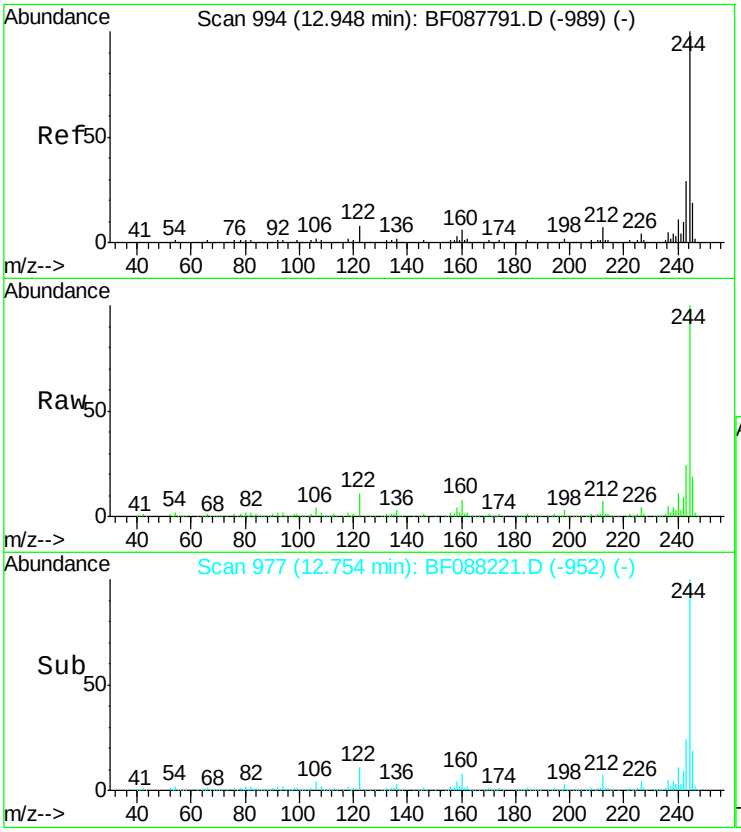


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:240 Resp: 243454

Ion	Ratio	Lower	Upper
240	100		
120	13.8	6.8	10.2#
236	25.8	20.2	30.2



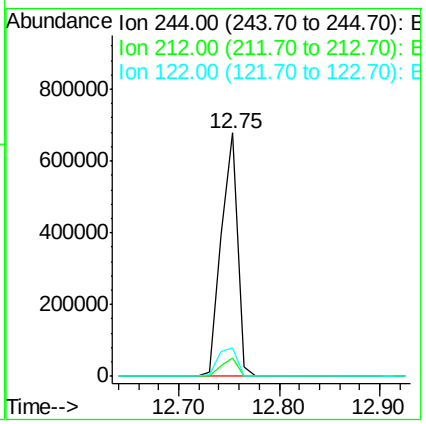


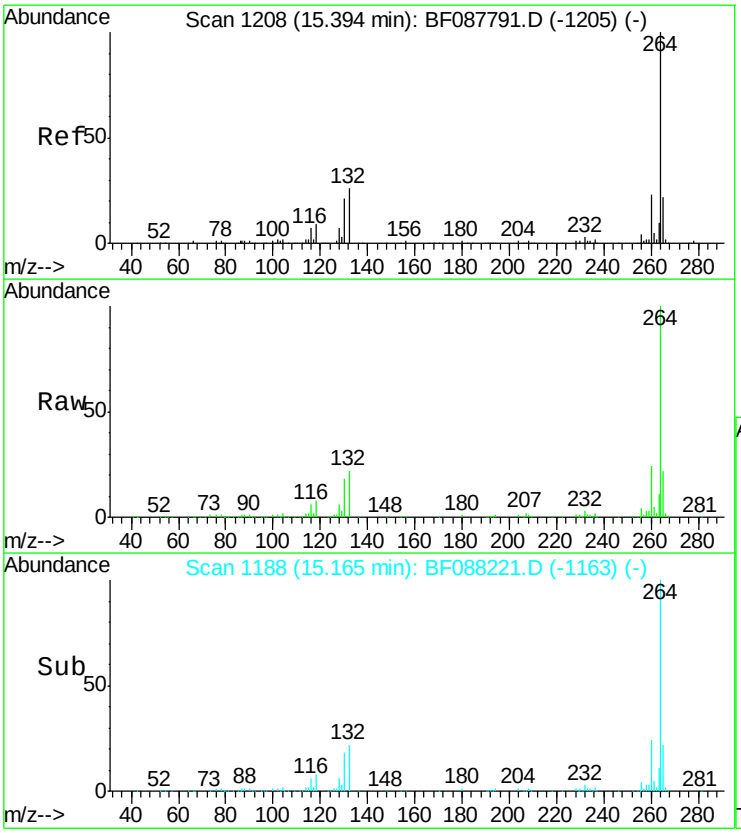
#78
Terphenyl-d14
Concen: 71.53 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Instrument :
BNA_F
ClientSampleId :
ERM2

Tgt Ion:244 Resp: 765289

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	11.5	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF088221.D
Acq: 21 Jun 2016 19:17

Tgt Ion:264 Resp: 177685

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3