Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062116\
Data File : BF088228.D
Acq On : 21 Jun 2016 22:41
Operator : UM/SJ
Sample : PB91389BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91389BL

Quant Time: Jun 22 00:52:00 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	89735	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	334387	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	162371	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	323127	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	262951	20.00	ng	-0.01
86) Perylene-d12	15.17	264	191474	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	663105	126.33	ng	0.00
7) Phenol-d6	6.31	99	731792	115.04	ng	-0.02
23) Nitrobenzene-d5	7.22	82	491748	85.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	207500	121.03	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	936020	90.95	ng	-0.02
78) Terphenyl-d14	12.75	244	890140	77.03	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.42	94	881	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.22	70	64255	15.79	ng	# 69
45) 1,1'-Biphenyl	9.02	154	1723	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.68	165	20383	7.57	ng	# 37
56) 2,4-Dinitrotoluene	9.68	165	20383	5.89	ng	# 36
57) Fluorene	10.47	166	9348	Below Cal	#	86
64) 4,6-Dinitro-2-methylphenol	10.48	198	448	2.37	ng	# 31
66) 4-Bromophenyl-phenylether	10.48	248	13220	3.81	ng	# 1

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

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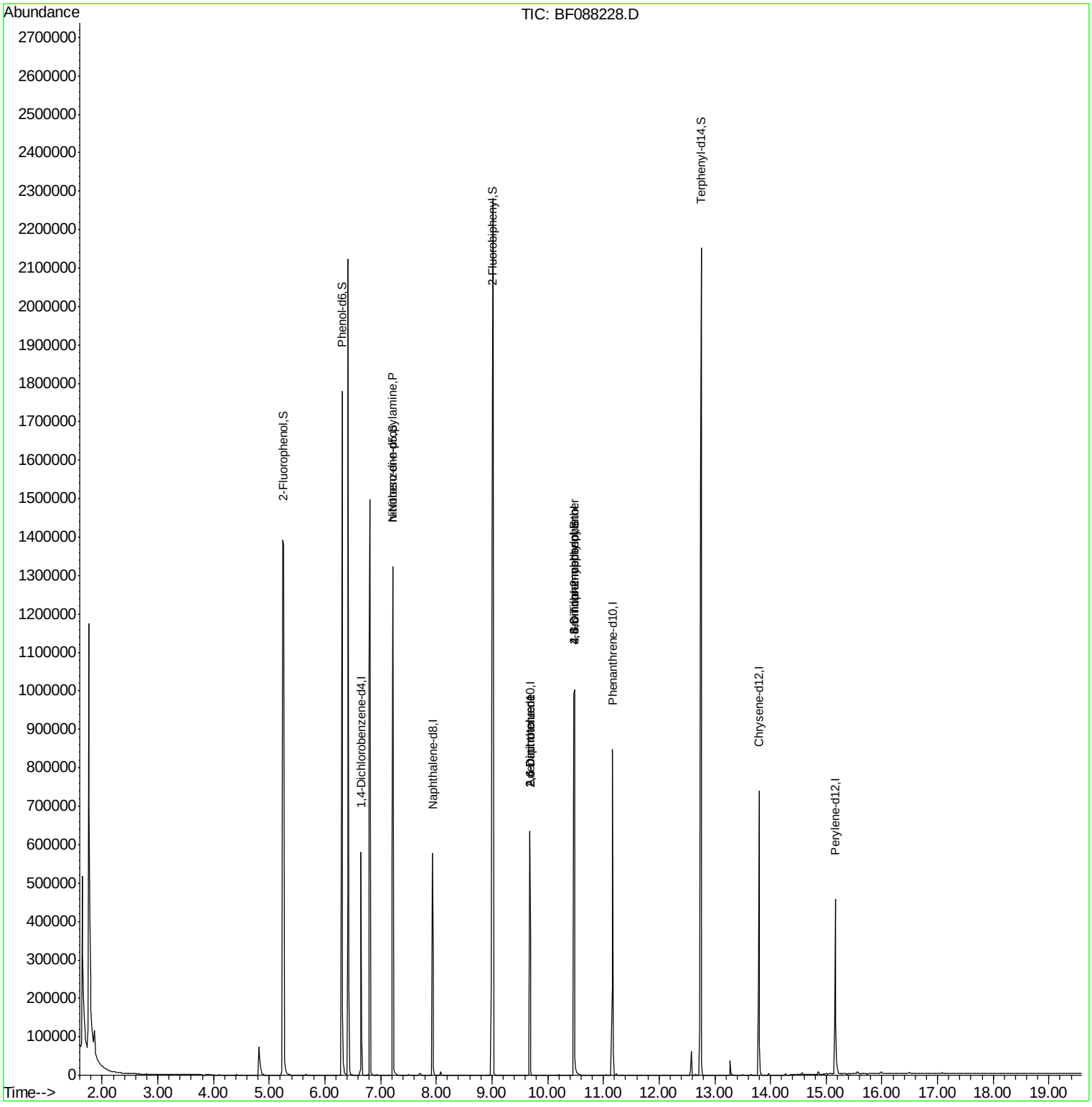
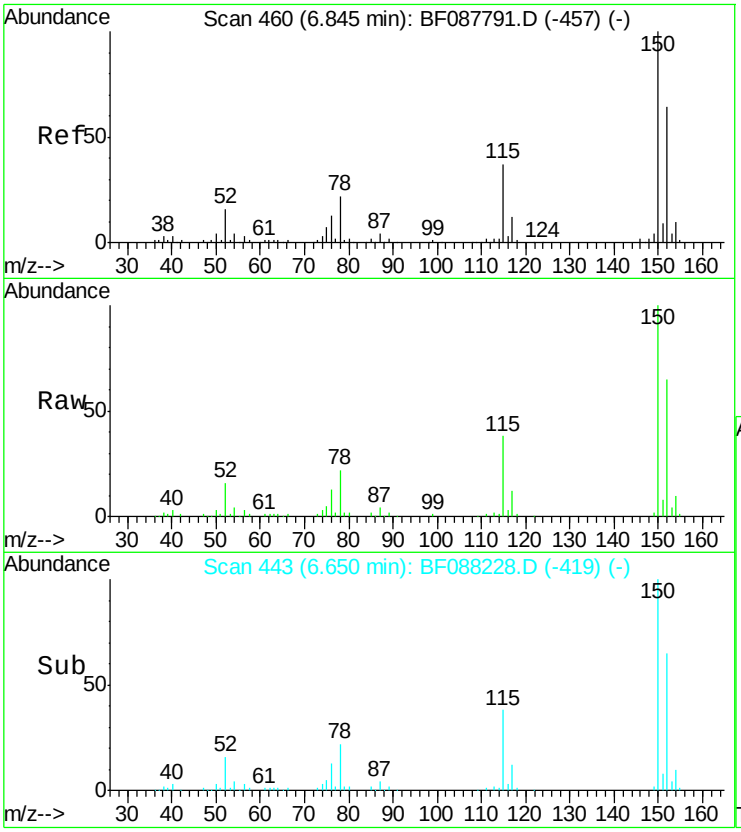


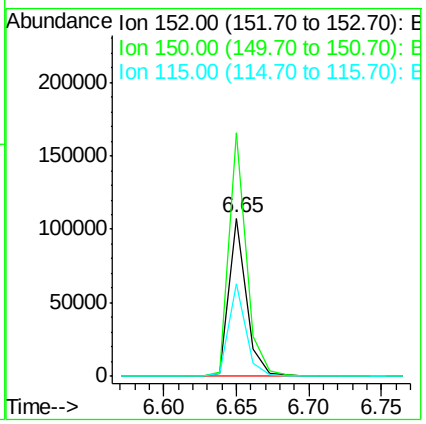


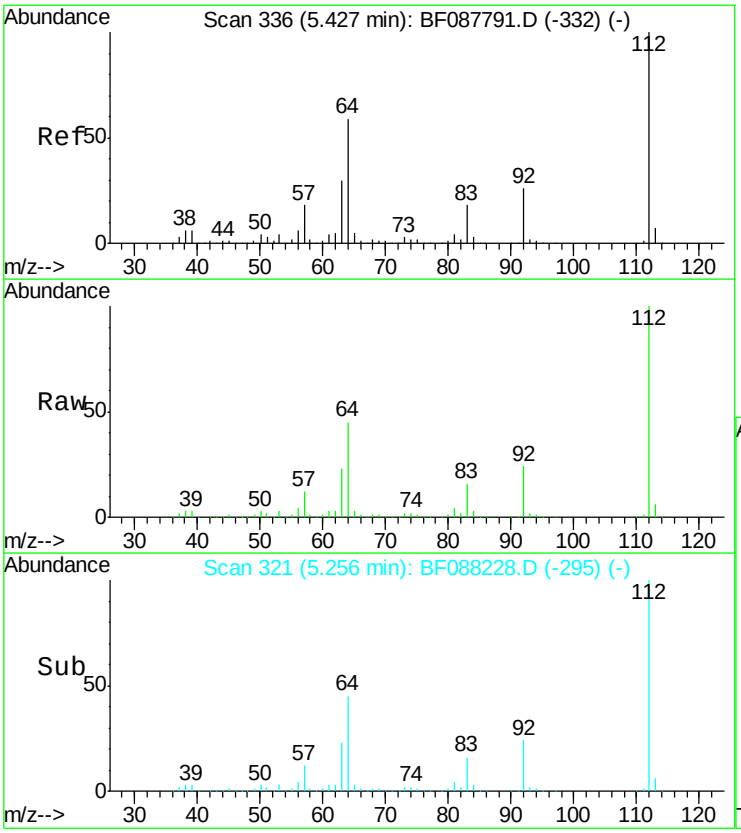
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:152 Resp: 89735

Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.8	185.6
115	58.8	39.6	59.4

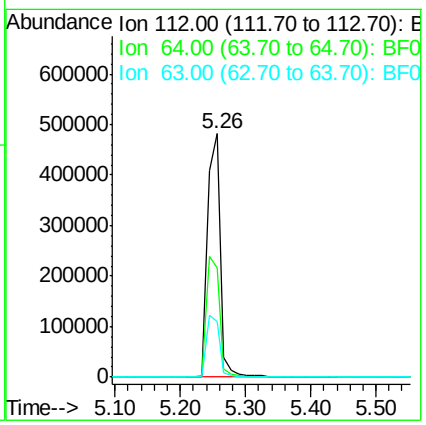


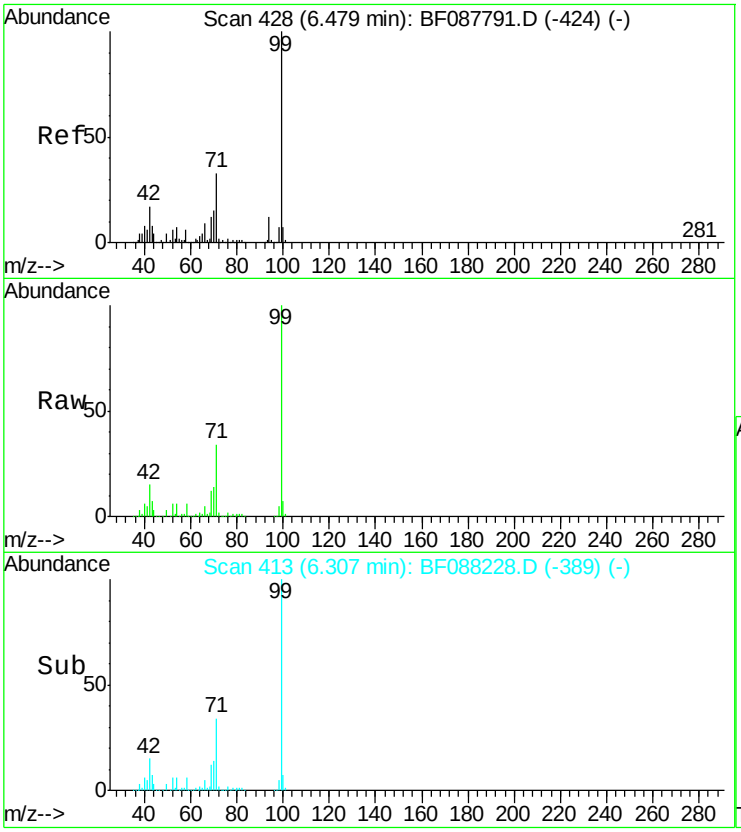


#5
2-Fluorophenol
Concen: 126.33 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:112 Resp: 663105

Ion	Ratio	Lower	Upper
112	100		
64	44.7	42.2	63.2
63	22.5	21.8	32.8



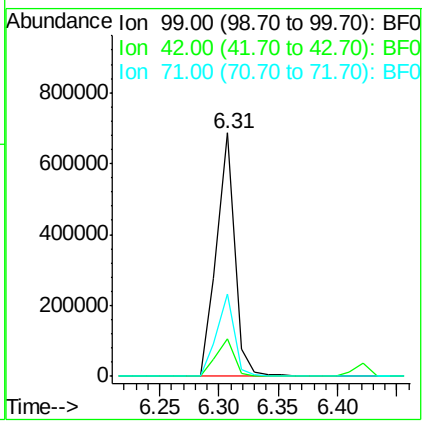


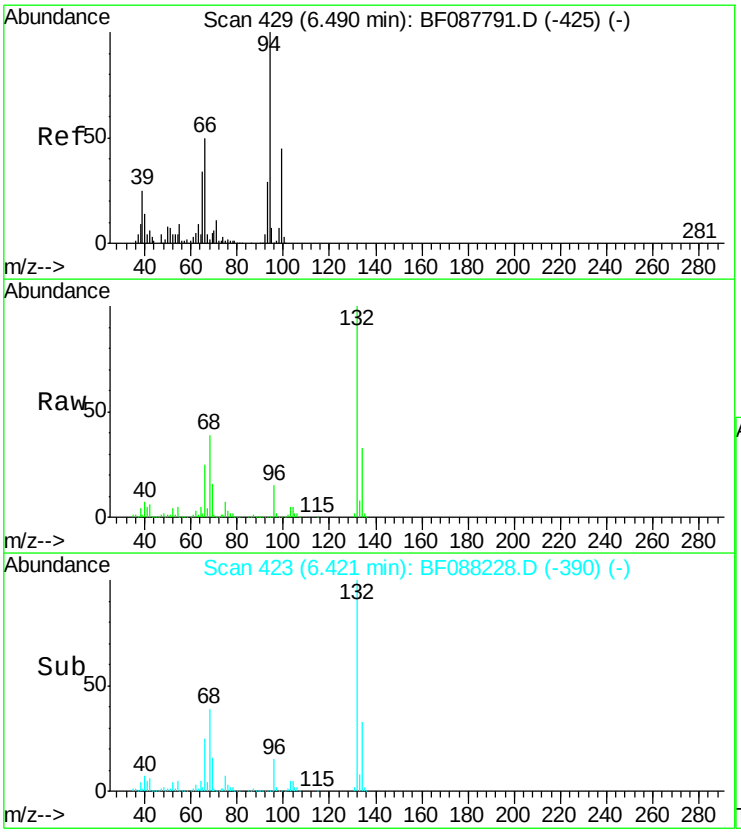
#7
Phenol-d6
Concen: 115.04 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion: 99 Resp: 731792

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	33.6	23.4	35.0

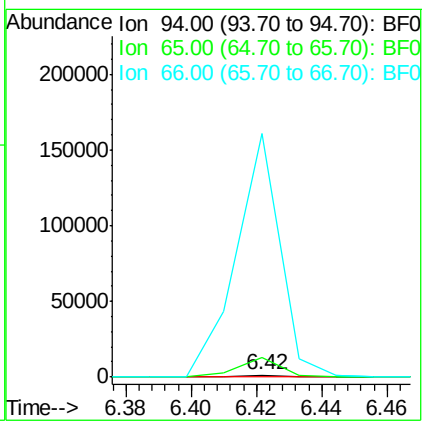


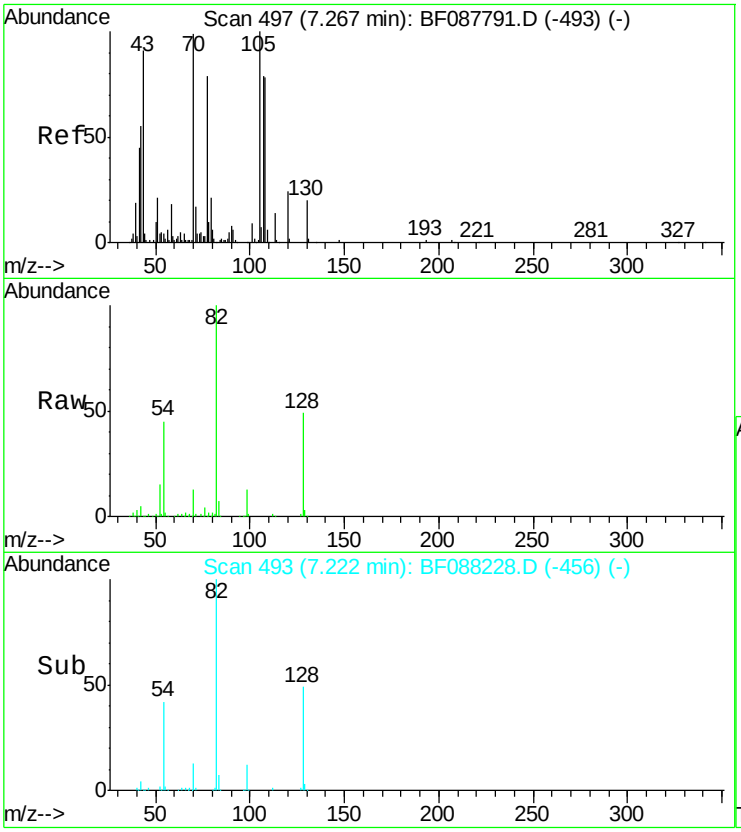


#10
Phenol
Concen: Below Cal
RT: 6.42 min Scan# 423
Delta R.T. 0.08 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion: 94 Resp: 881

Ion	Ratio	Lower	Upper
94	100		
65	987.2	5.9	45.9#
66	12516.1	14.0	54.0#



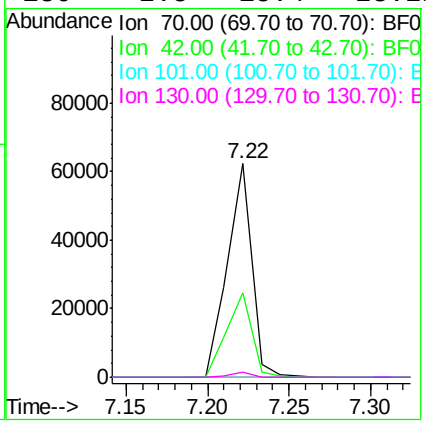


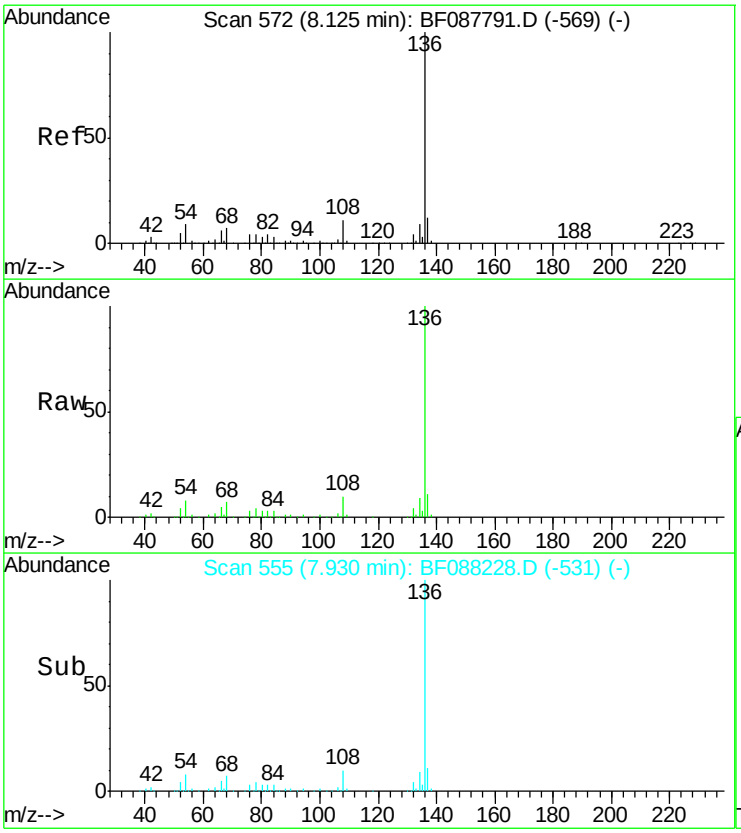
#19
n-Nitroso-di-n-propylamine
Concen: 15.79 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.13 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion: 70 Resp: 64255

Ion	Ratio	Lower	Upper
70	100		
42	39.5	49.6	74.4#
101	0.0	7.1	10.7#
130	2.5	15.4	23.2#

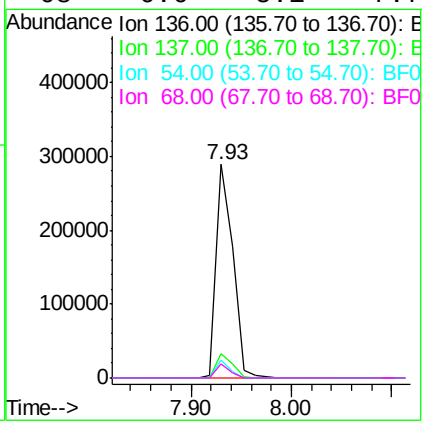


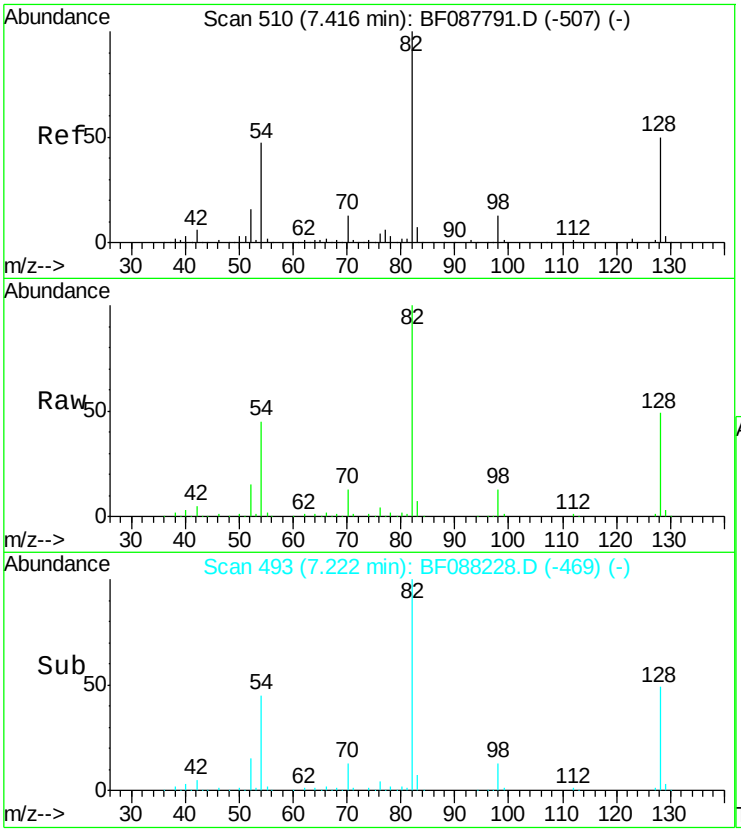


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:136 Resp: 334387

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.3	6.6	10.0
68	6.6	5.1	7.7



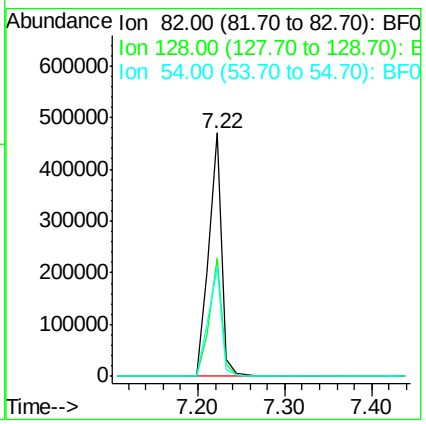


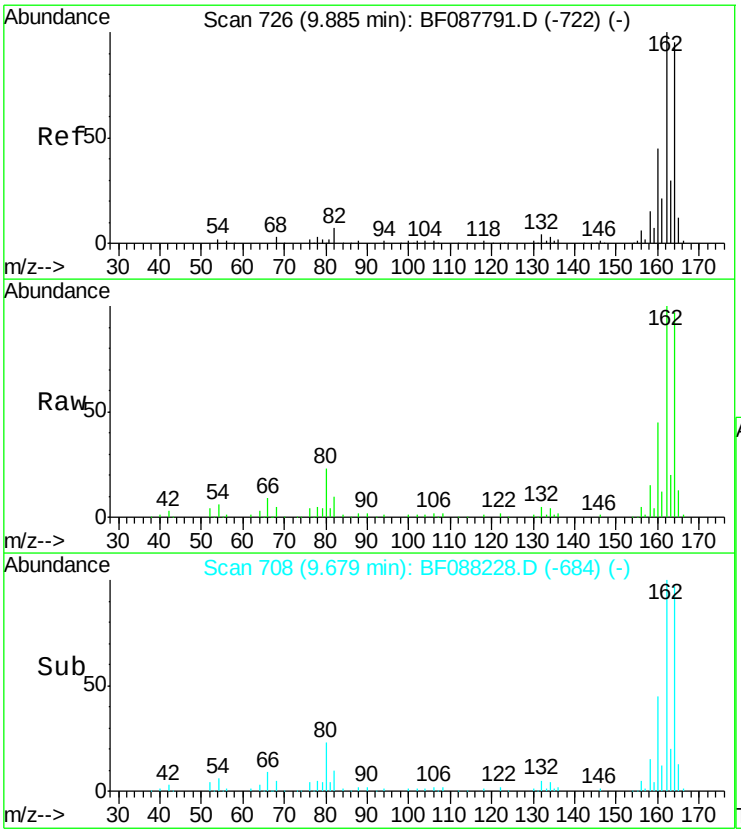
#23
Nitrobenzene-d5
Concen: 85.87 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion: 82 Resp: 491748

Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.9	53.9
54	45.1	40.9	61.3

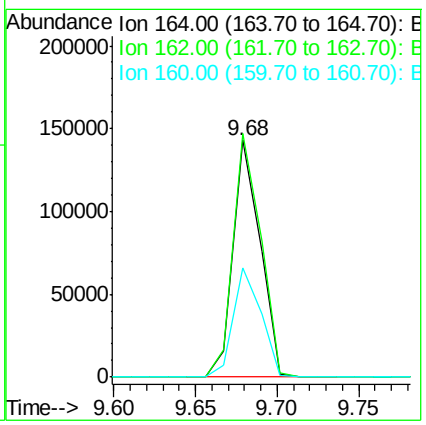


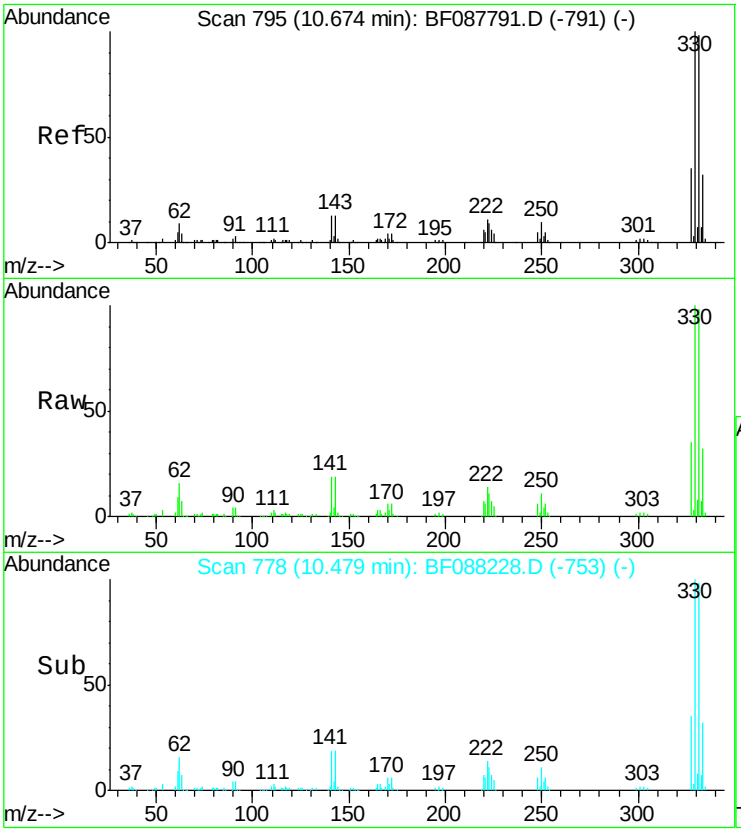


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:164 Resp: 162371

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.4	128.2
160	45.9	39.5	59.3



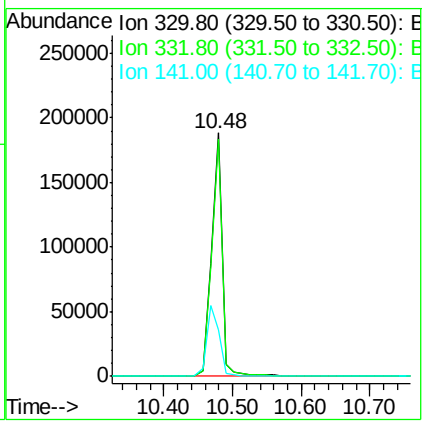


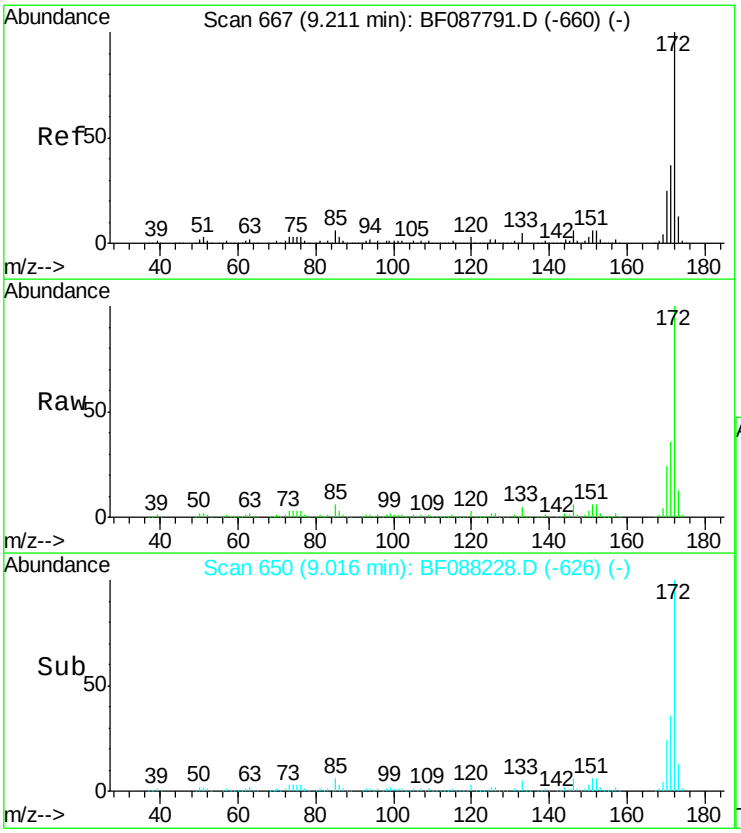
#41
2,4,6-Tribromophenol
Concen: 121.03 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:330 Resp: 207500

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	34.2	0.0	0.0#

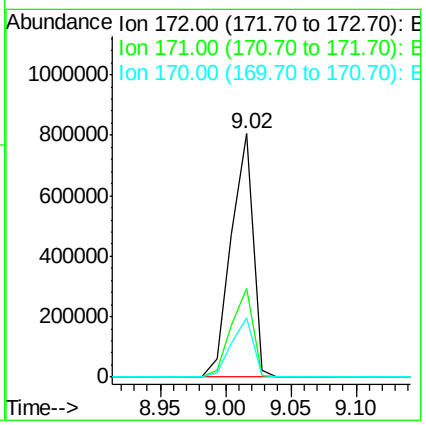


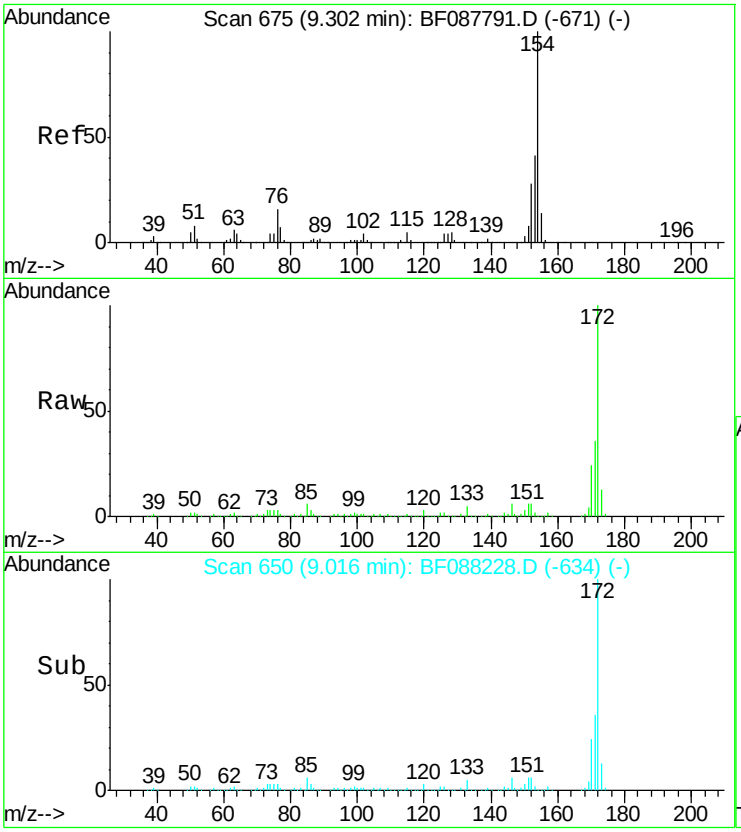


#44
2-Fluorobiphenyl
Concen: 90.95 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:172 Resp: 936020

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.3	19.2	28.8



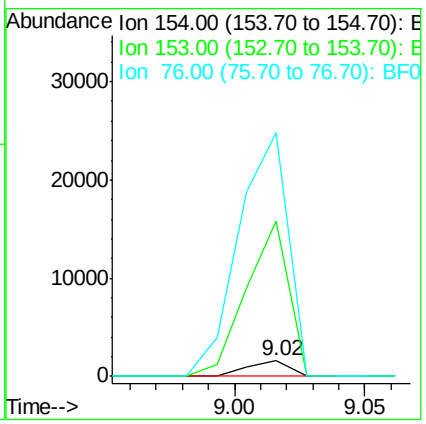


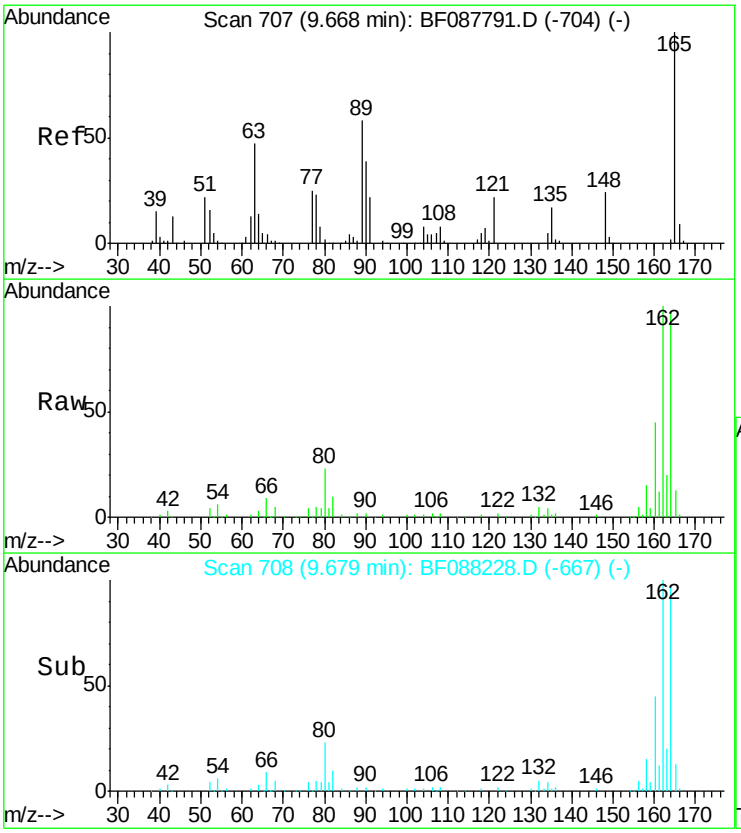
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.02 min Scan# 650
Delta R.T. -0.11 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:154 Resp: 1723

Ion	Ratio	Lower	Upper
154	100		
153	1018.5	20.6	60.6#
76	1591.3	0.0	35.1#

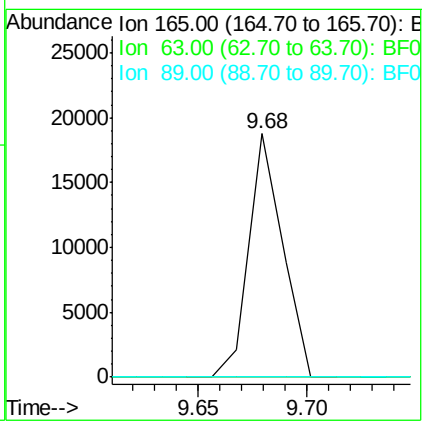


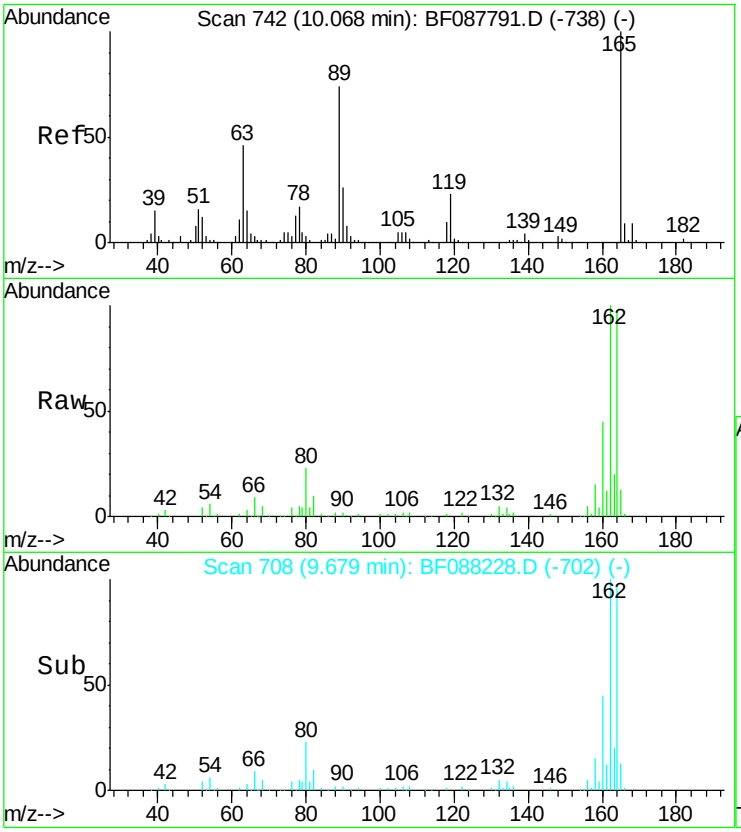


#50
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.17 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:165 Resp: 20383

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



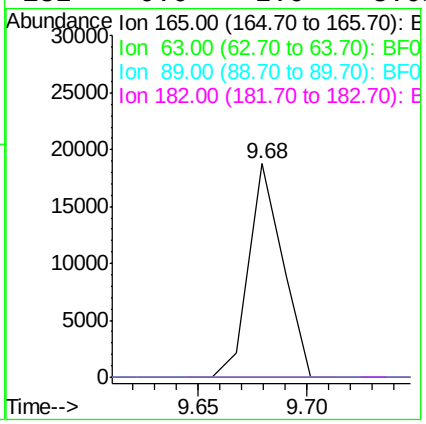


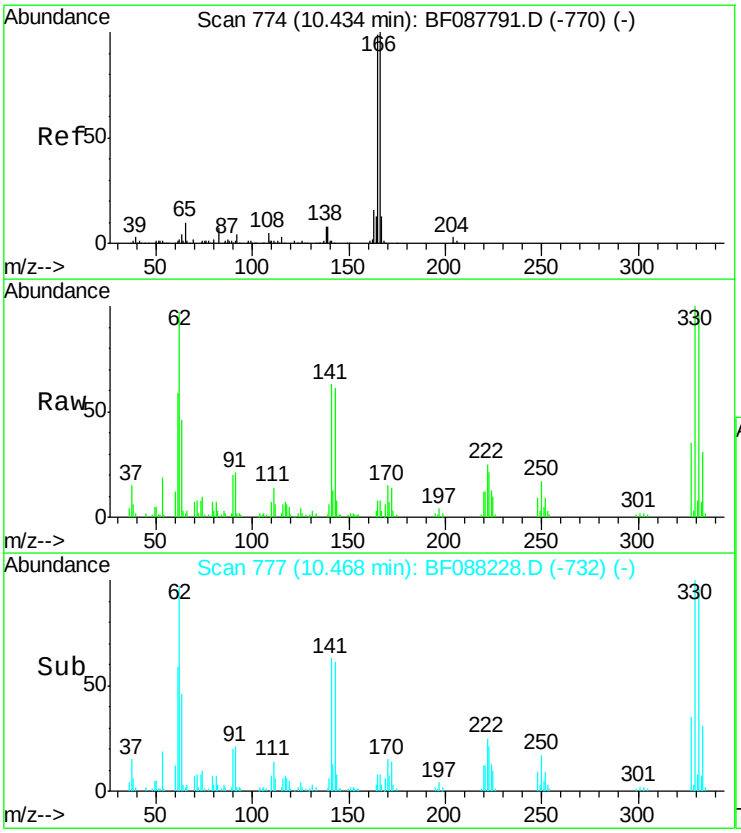
#56
2,4-Dinitrotoluene
Concen: 5.89 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.23 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:165 Resp: 20383

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#

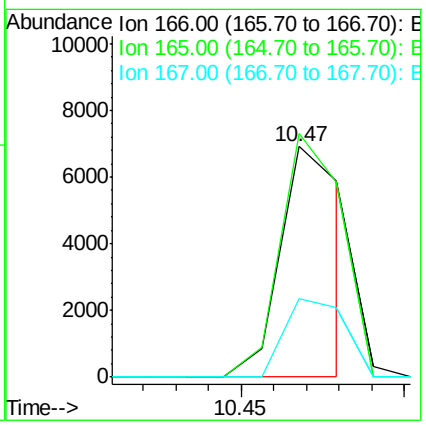


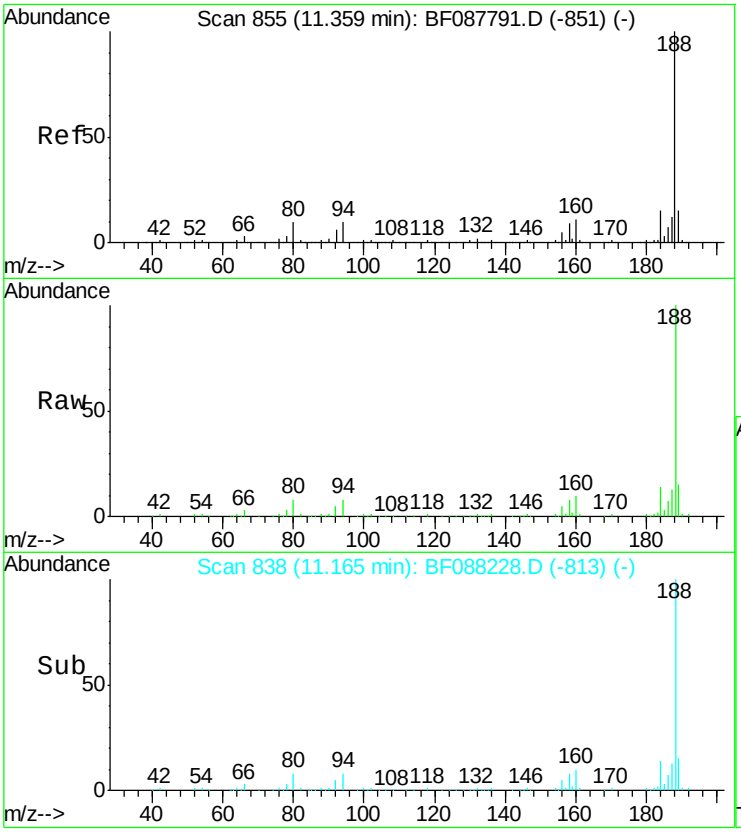


#57
Fluorene
Concen: Below Cal
RT: 10.47 min Scan# 777
Delta R.T. 0.22 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:166 Resp: 9348

Ion	Ratio	Lower	Upper
166	100		
165	105.7	77.8	116.8
167	33.9	11.2	16.8#



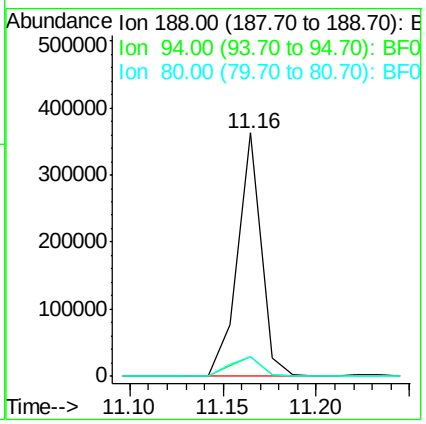


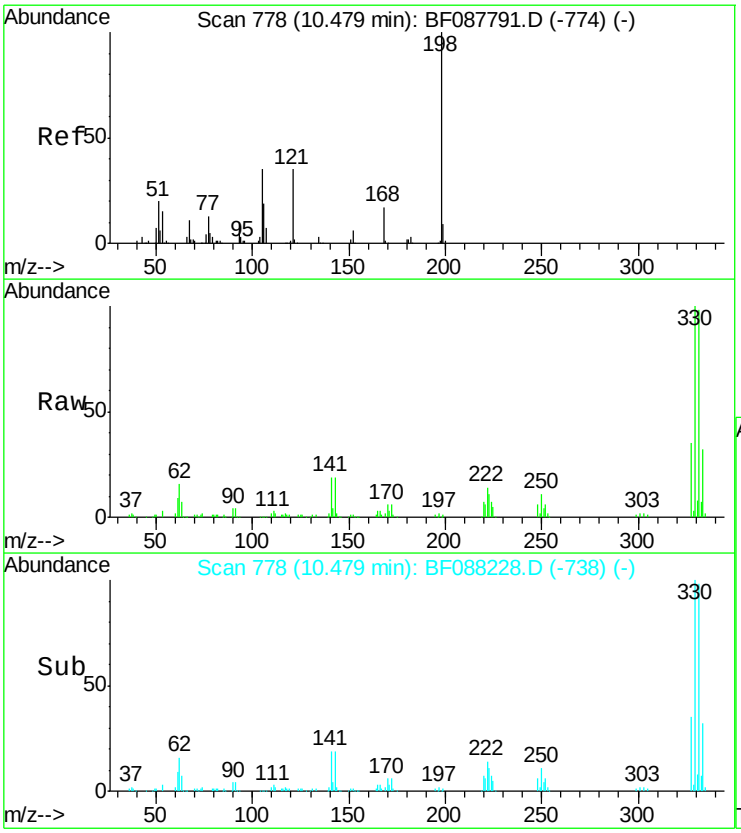
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:188 Resp: 323127

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.6#
80	8.3	10.0	15.0#

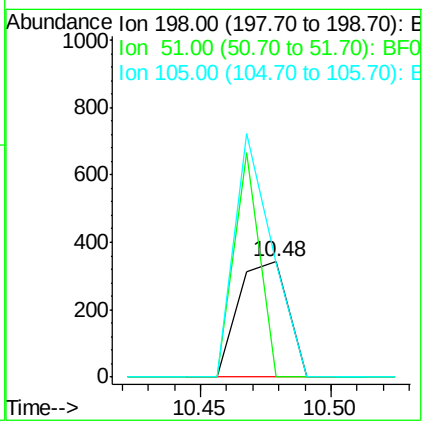


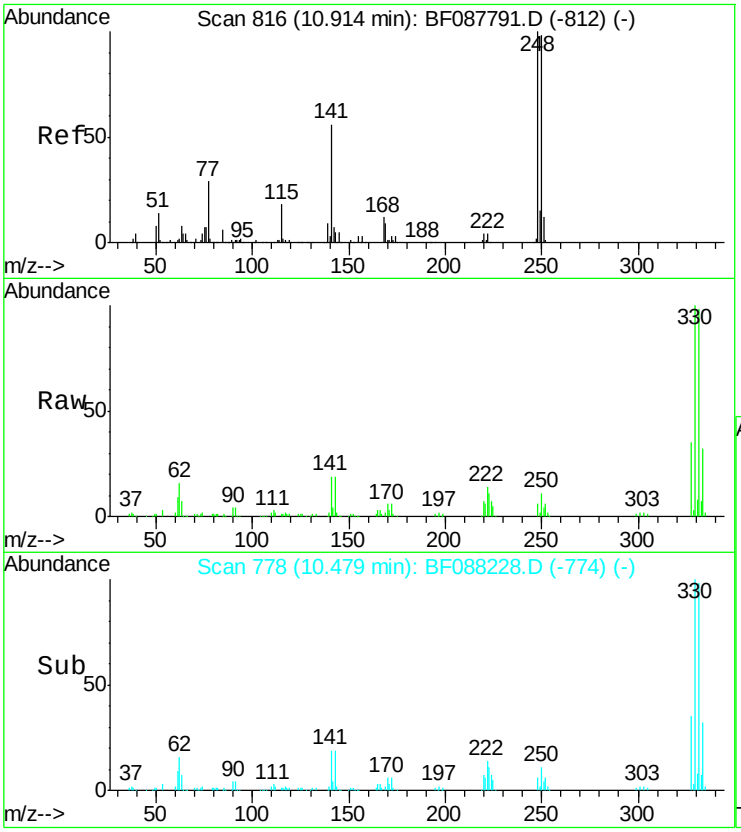


#64
4,6-Dinitro-2-methylphenol
Concen: 2.37 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.16 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	0.0	39.6	79.6#
105	99.4	36.6	76.6#



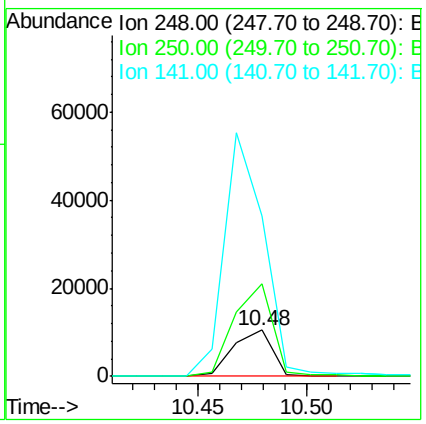


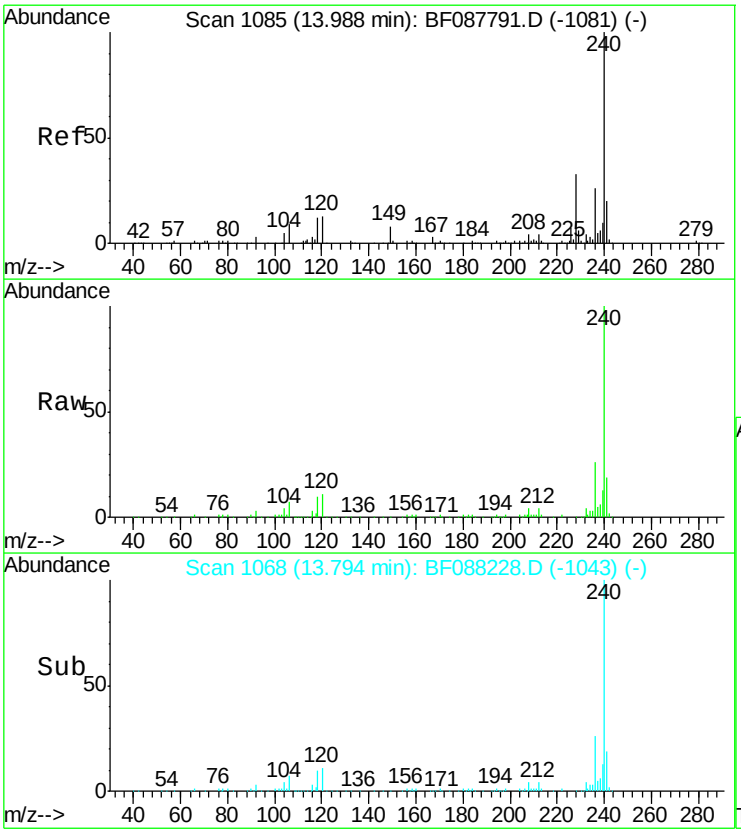
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.25 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:248 Resp: 13220

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	345.3	50.6	76.0#

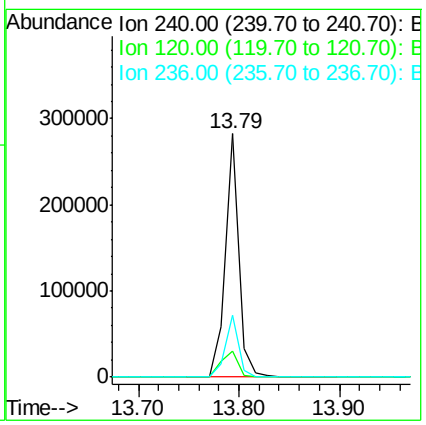


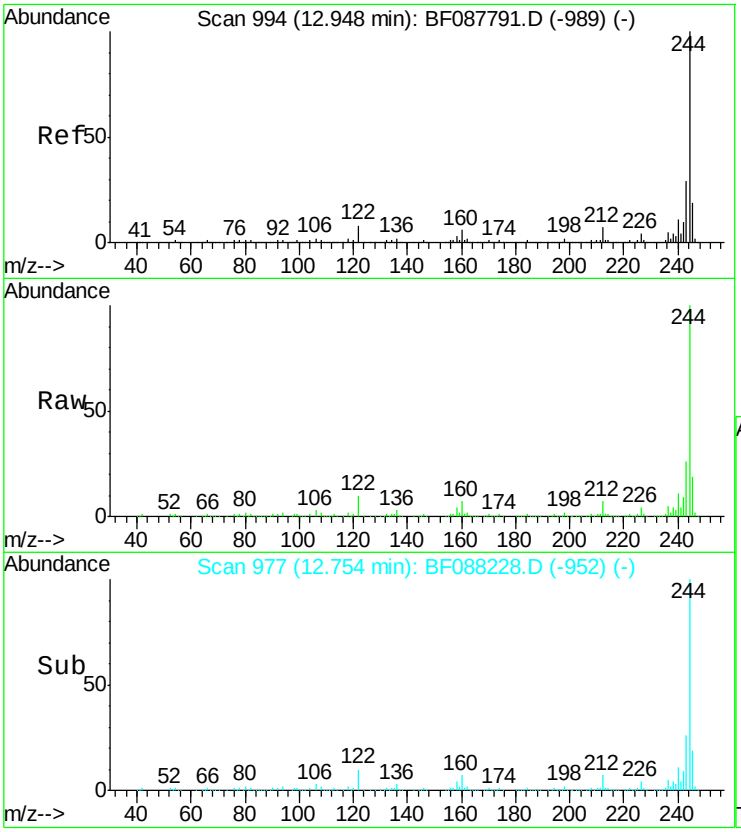


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:240 Resp: 262951

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.8	10.2#
236	25.5	20.2	30.2



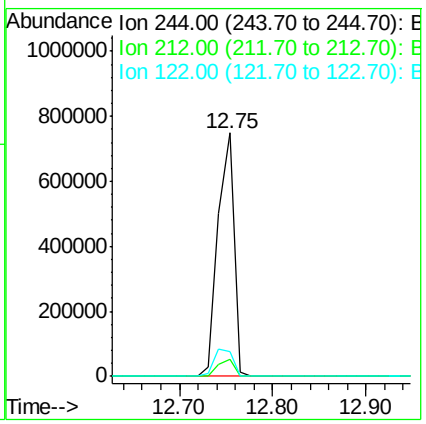


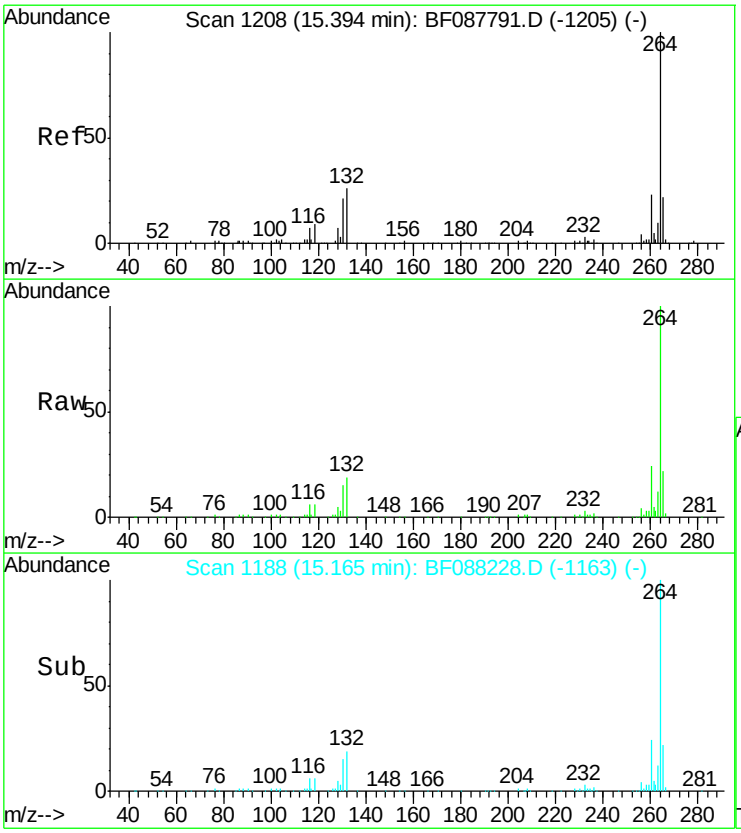
#78
Terphenyl-d14
Concen: 77.03 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088228.D
Acq: 21 Jun 2016 22:41

Instrument :
BNA_F
ClientSampleId :
PB91389BL

Tgt Ion:244 Resp: 890140

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.1	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: BF088228.D
Acq: 21 Jun 2016 22:41

Tgt Ion:264 Resp: 191474

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3