Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091676.D
Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Time: Dec 16 21:58:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	221694	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	905119	20.00	ng		-0.02
38) Acenaphthene-d10	9.81	164	550214	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	834719	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	872611	20.00	ng		-0.02
86) Perylene-d12	15.32	264	711453	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1504178	114.31	ng		0.00
7) Phenol-d6	6.42	99	2218161	135.21	ng		-0.01
23) Nitrobenzene-d5	7.33	82	1143211	70.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	560505	122.65	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	2257530	70.90	ng		-0.01
78) Terphenyl-d14	12.88	244	2316555	60.24	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	42364	3.75	ng		86
19) n-Nitroso-di-n-propylamine	7.33	70	152018	14.82	ng	#	67
25) Isophorone	7.33	82	926264	32.13	ng	#	67
32) Benzoic acid	8.05	122	228	4.92	ng	#	1
50) 2,6-Dinitrotoluene	9.81	165	70873	9.27	ng	#	16
56) 2,4-Dinitrotoluene	9.81	165	70873	7.39	ng	#	33
57) Fluorene	10.60	166	24748	Below Cal		#	87
64) 4,6-Dinitro-2-methylphenol	10.60	198	1425	3.21	ng	#	67
66) 4-Bromophenyl-phenylether	10.60	248	38156	4.46	ng	#	1

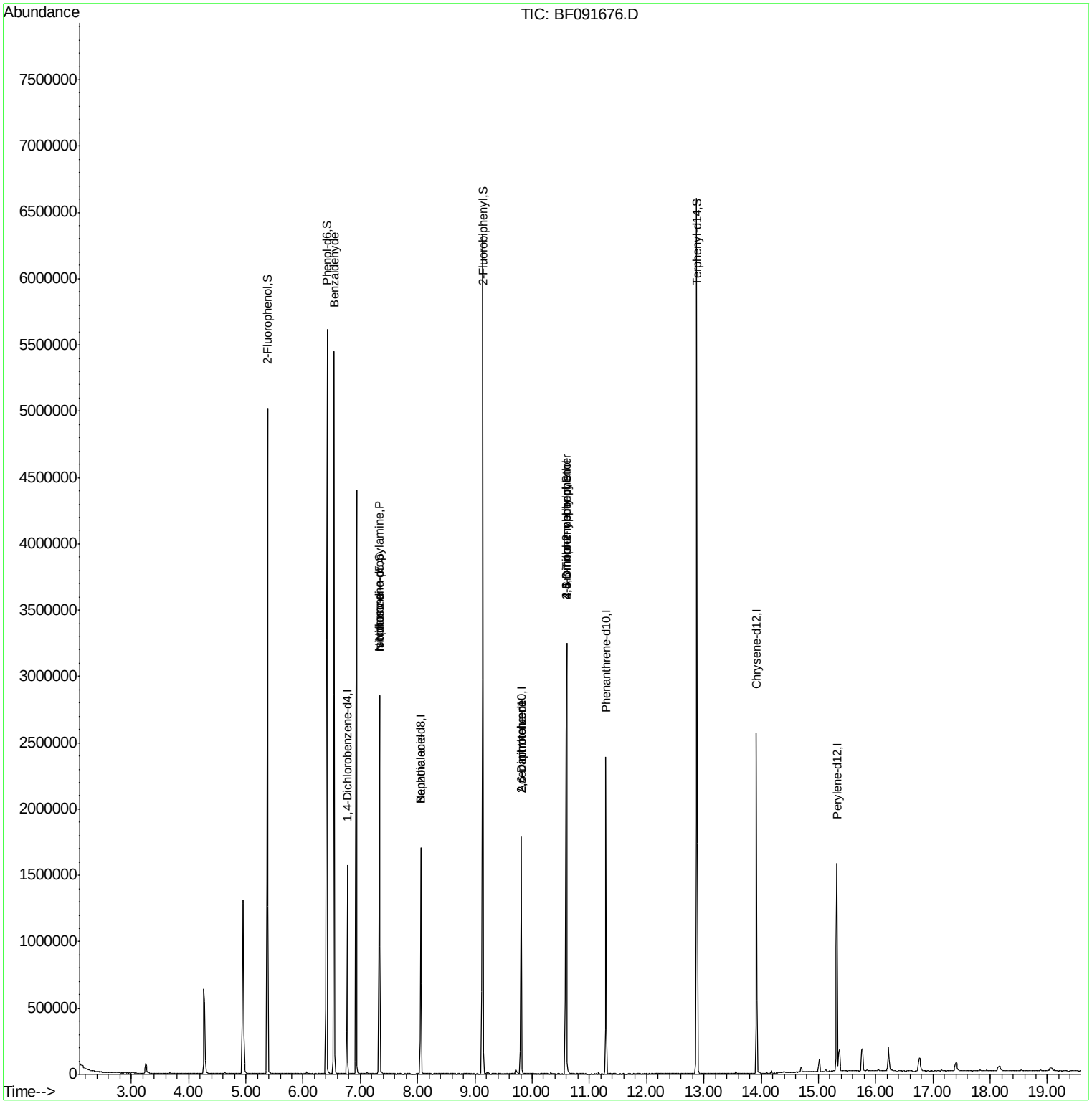
(#) = qualifier out of range (m) = manual integration (+) = signals summed

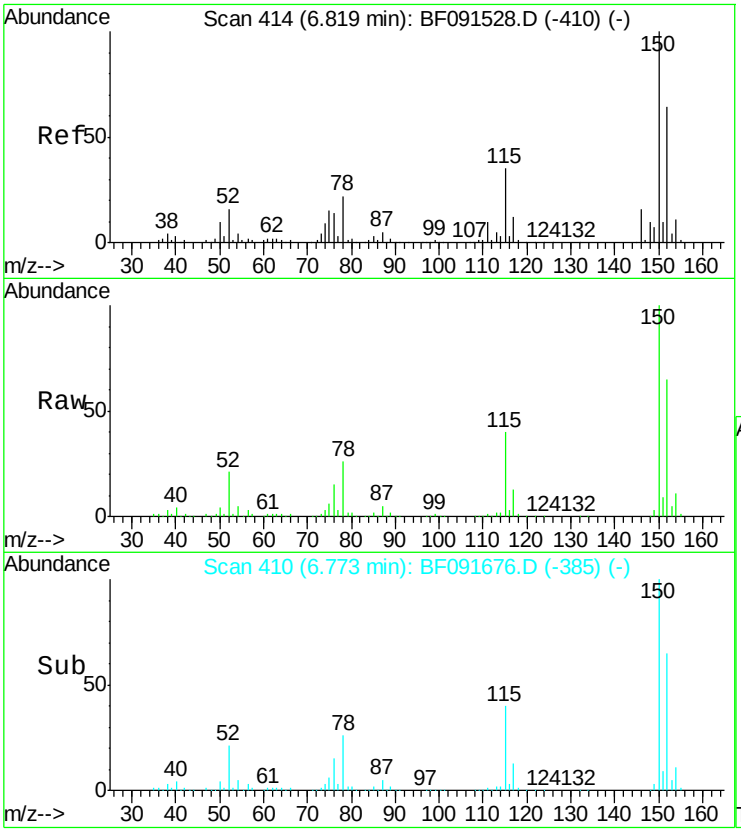
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121616\
Data File : BF091676.D
Acq On : 16 Dec 2016 16:52
Operator : UM/SJ
Sample : PB95365BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95365BL

Quant Time: Dec 16 21:58:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration



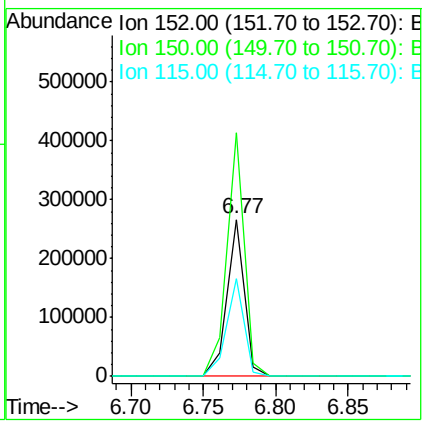


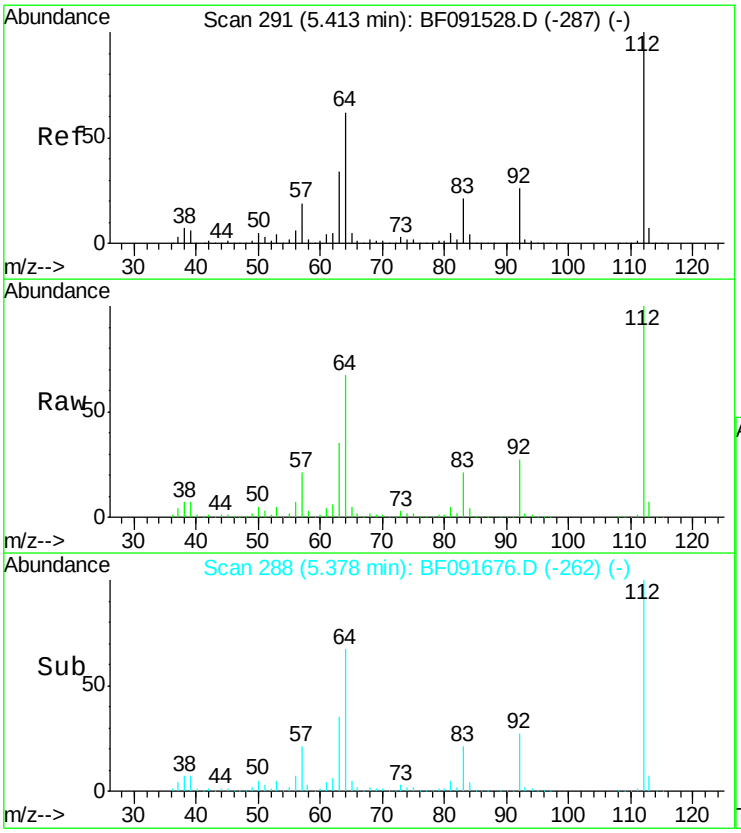
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:152 Resp: 221694

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	62.3	51.8	77.8

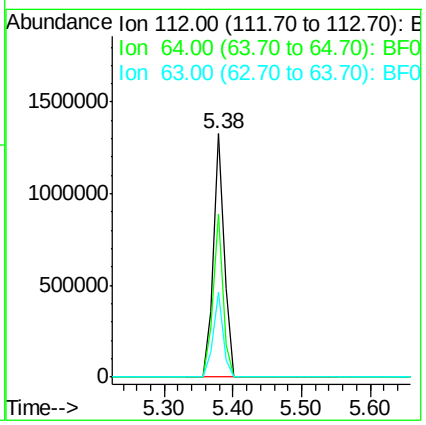


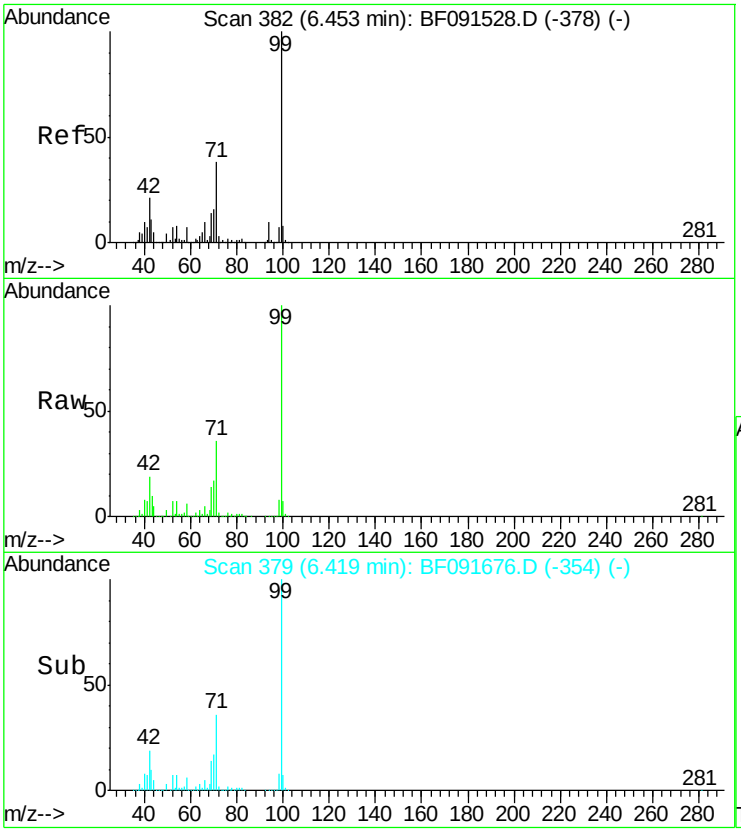


#5
2-Fluorophenol
Concen: 114.31 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:112 Resp: 1504178

Ion	Ratio	Lower	Upper
112	100		
64	66.8	61.5	92.3
63	34.8	33.3	49.9



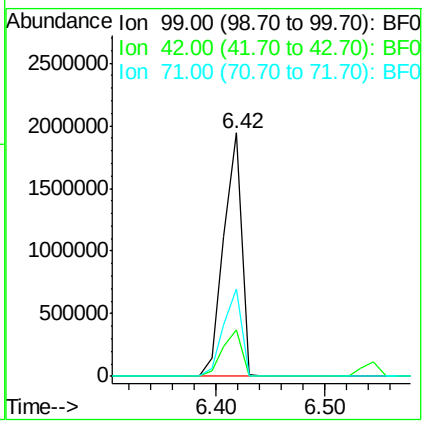


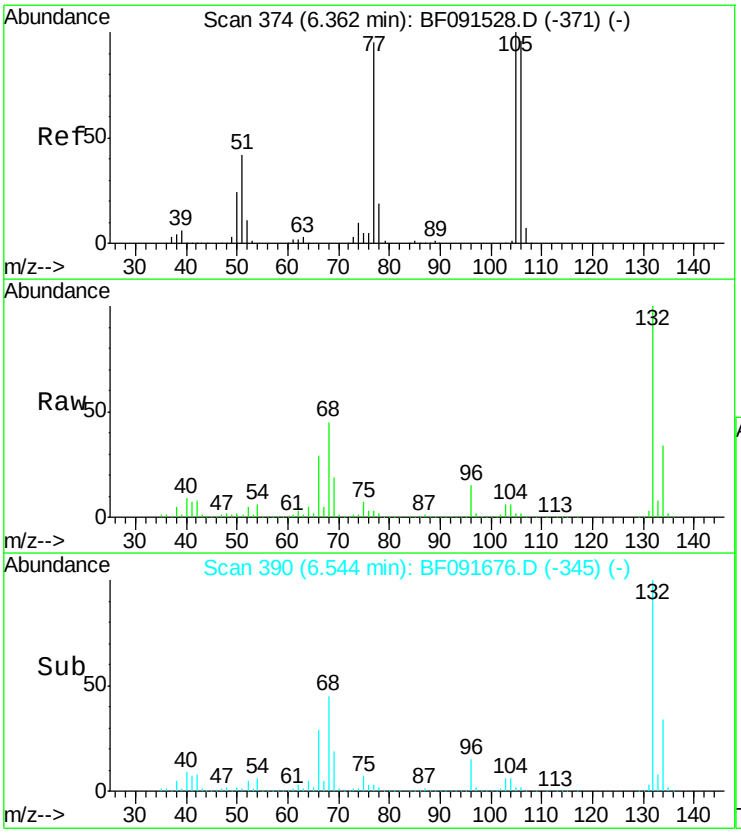
#7
Phenol-d6
Concen: 135.21 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion: 99 Resp: 2218161

Ion	Ratio	Lower	Upper
99	100		
42	19.1	20.6	31.0#
71	35.8	29.9	44.9

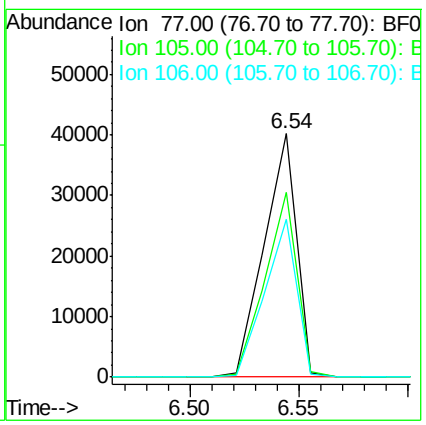


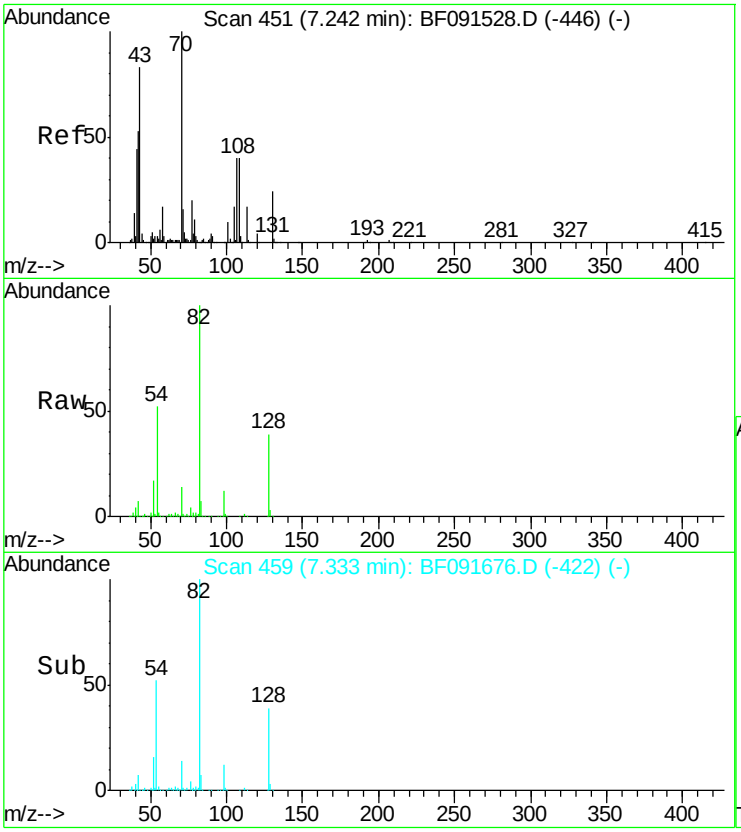


#9
Benzaldehyde
Concen: 3.75 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.22 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion: 77 Resp: 42364

Ion	Ratio	Lower	Upper
77	100		
105	76.1	66.4	106.4
106	65.1	60.9	100.9



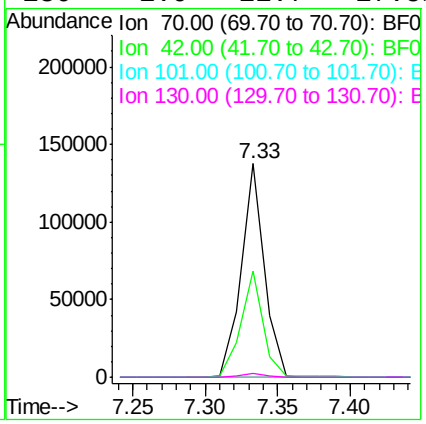


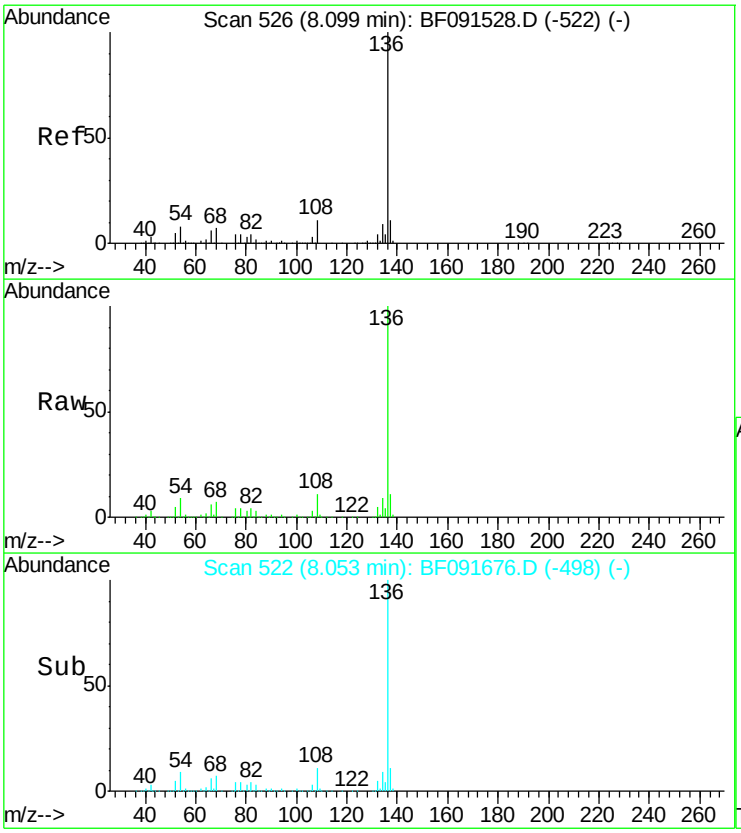
#19
n-Nitroso-di-n-propylamine
Concen: 14.82 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.13 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion: 70 Resp: 152018

Ion	Ratio	Lower	Upper
70	100		
42	49.9	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#

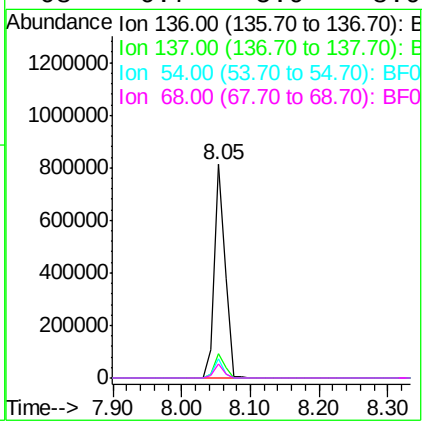


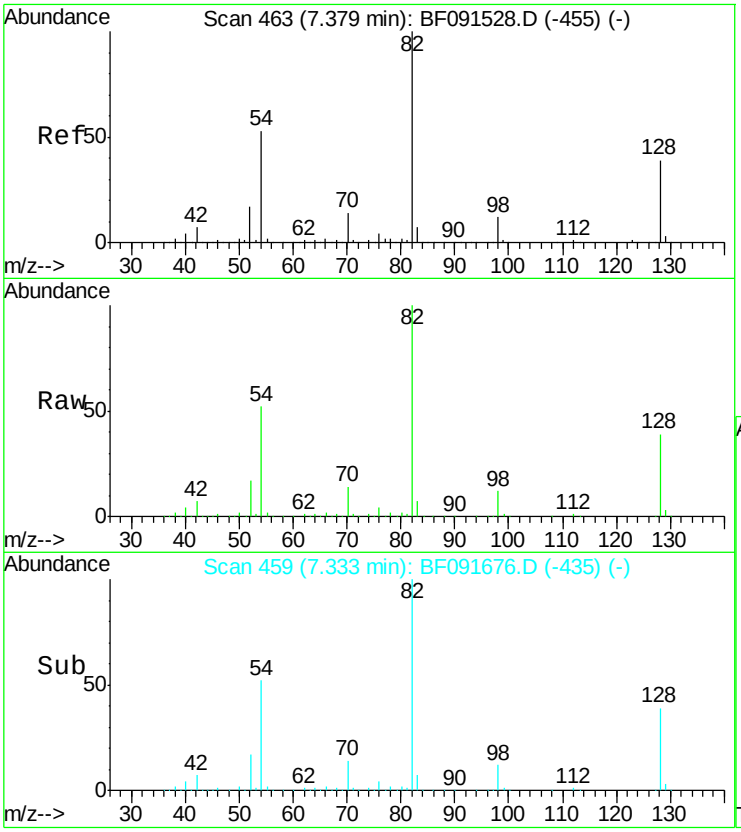


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:136 Resp: 905119

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	9.1	13.7#
68	6.7	5.9	8.9



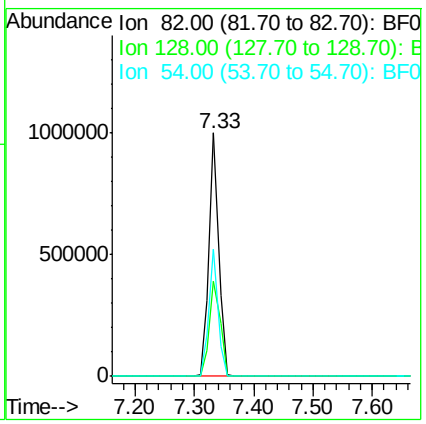


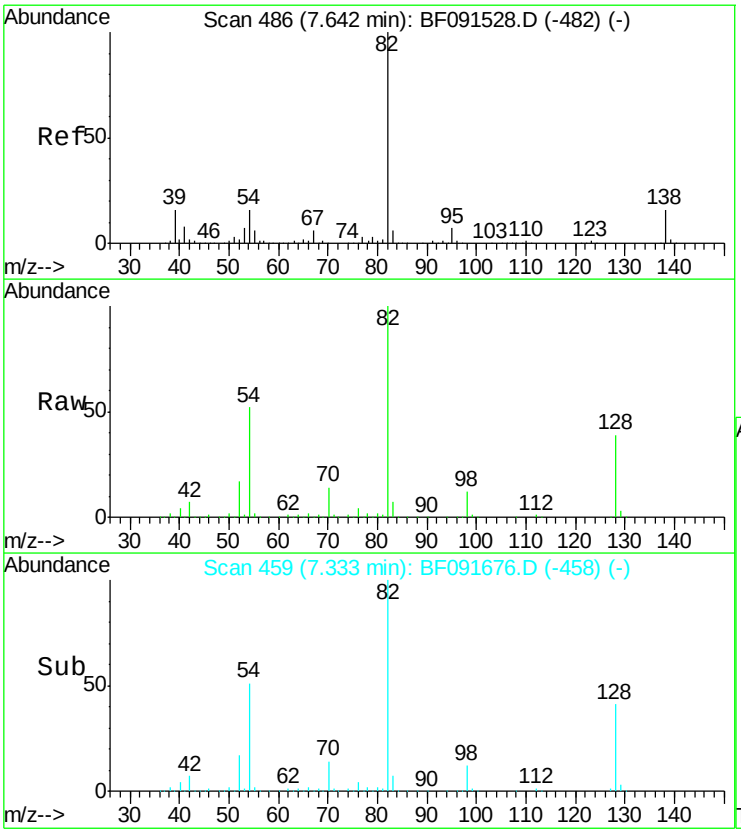
#23
Nitrobenzene-d5
Concen: 70.49 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion: 82 Resp: 1143211

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.8	47.6
54	52.1	49.1	73.7

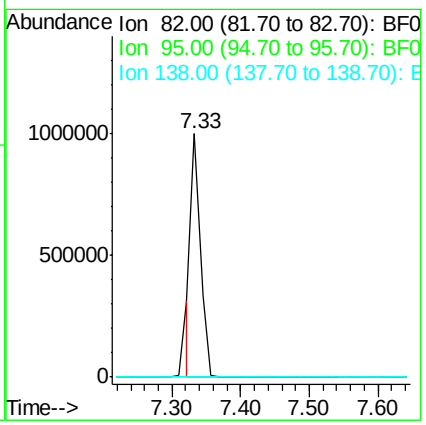


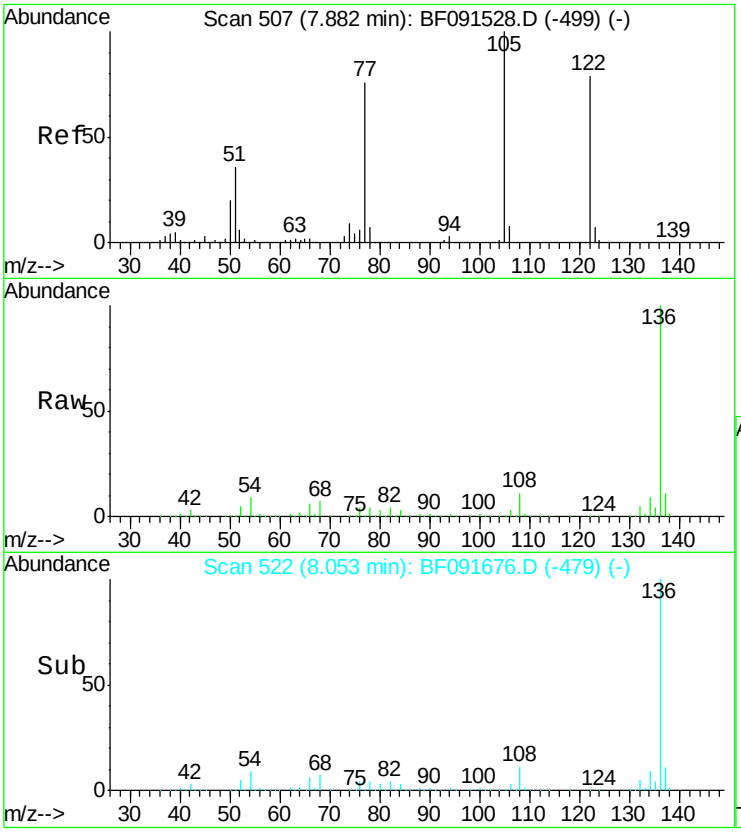


#25
Isophorone
Concen: 32.13 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.29 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion: 82 Resp: 926264

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



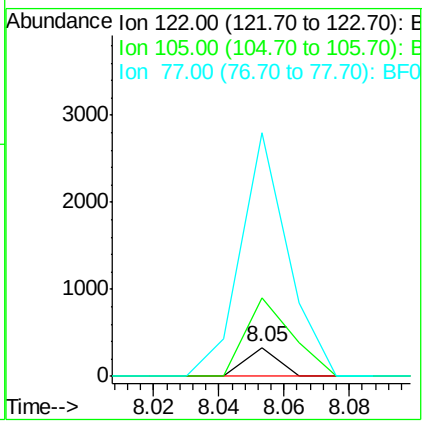


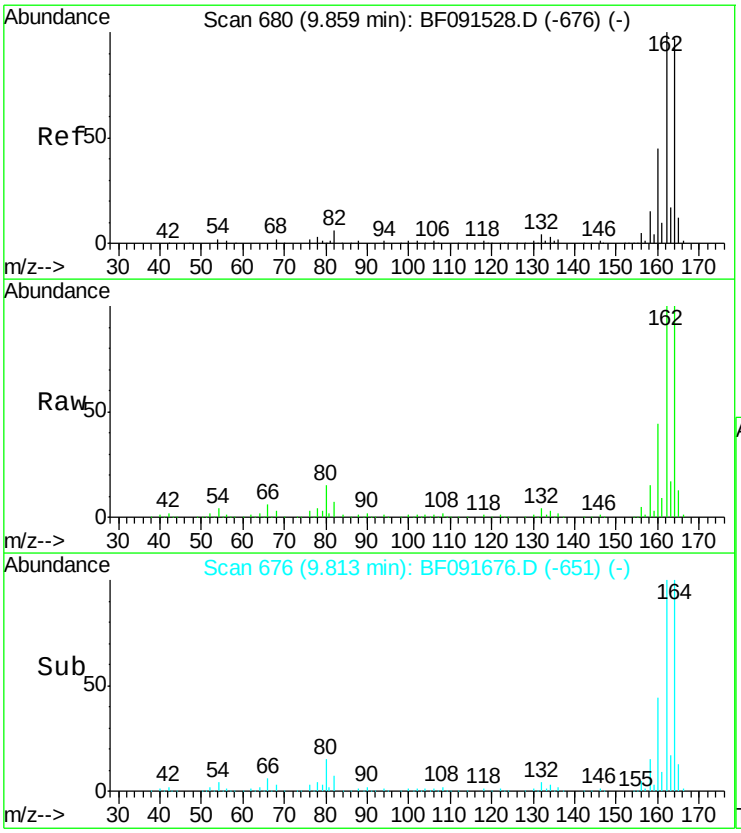
#32
Benzoic acid
Concen: 4.92 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.19 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:122 Resp: 228

Ion	Ratio	Lower	Upper
122	100		
105	270.5	113.0	153.0#
77	843.1	82.0	122.0#

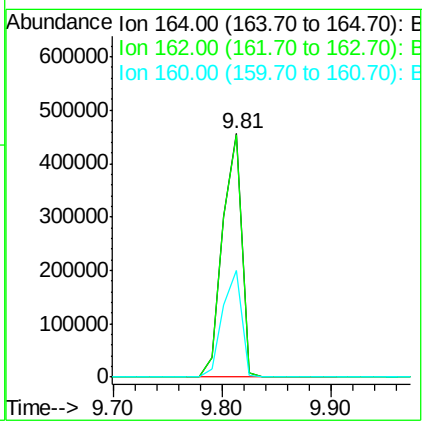


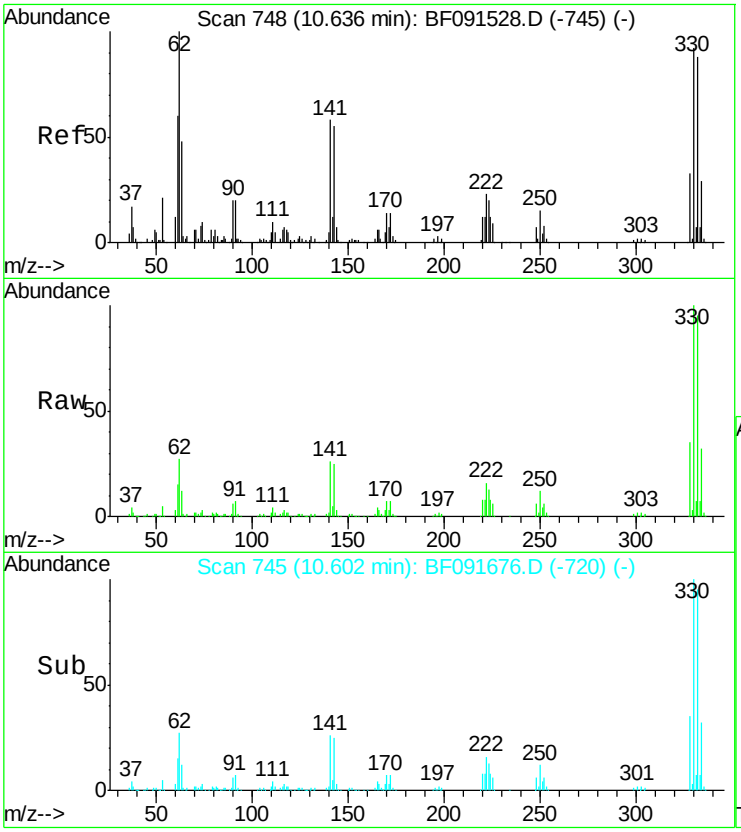


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:164 Resp: 550214

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	44.0	36.7	55.1



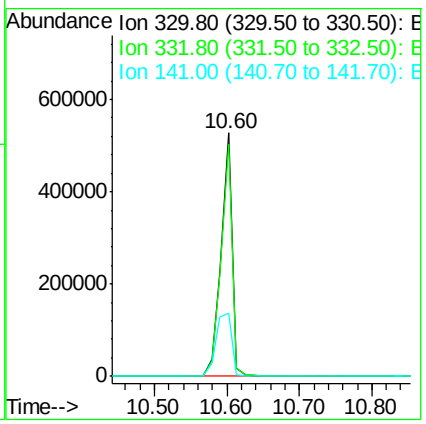


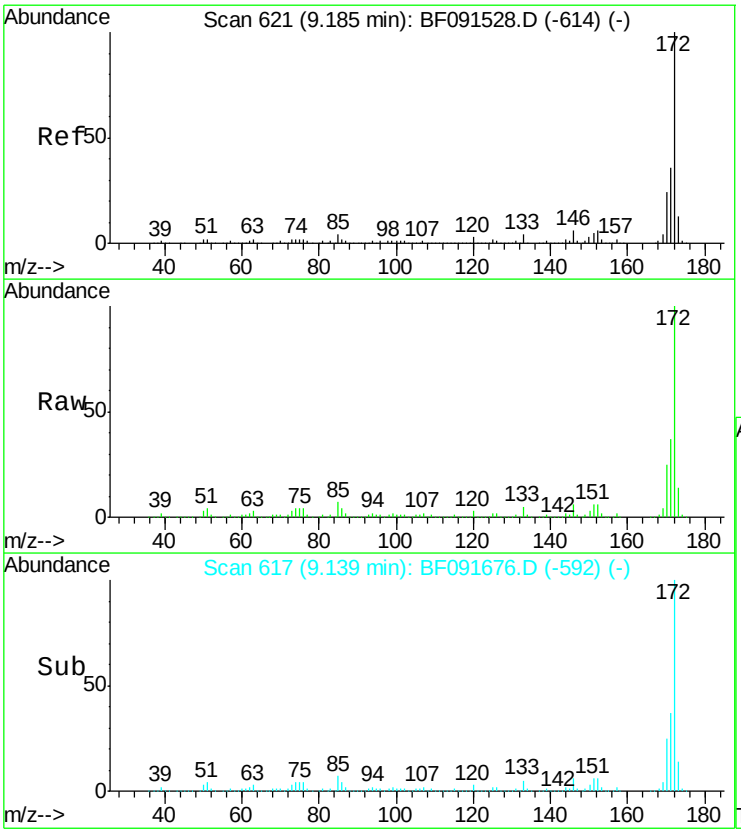
#41
2,4,6-Tribromophenol
Concen: 122.65 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:330 Resp: 560505

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	36.9	33.6	50.4

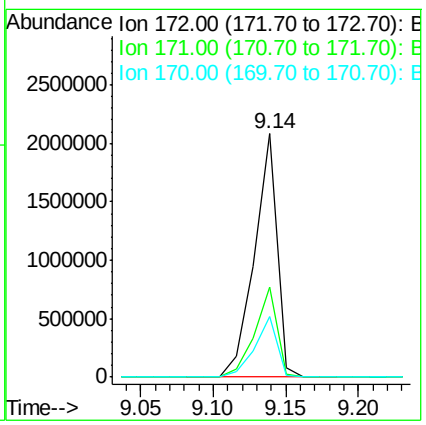


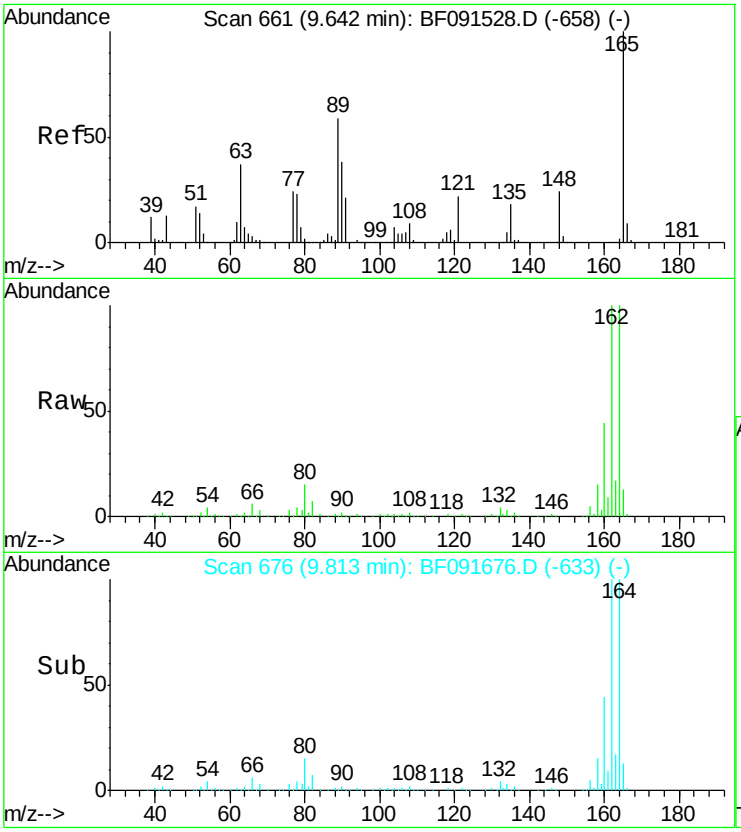


#44
2-Fluorobiphenyl
Concen: 70.90 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:172 Resp: 2257530

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	19.7	29.5



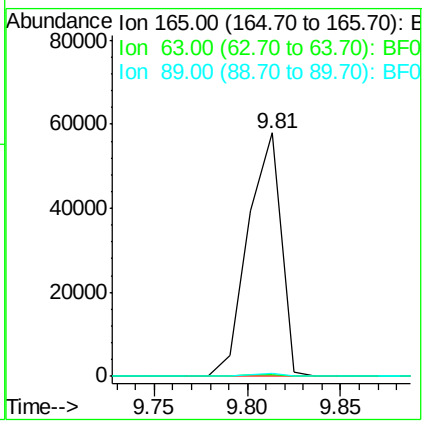


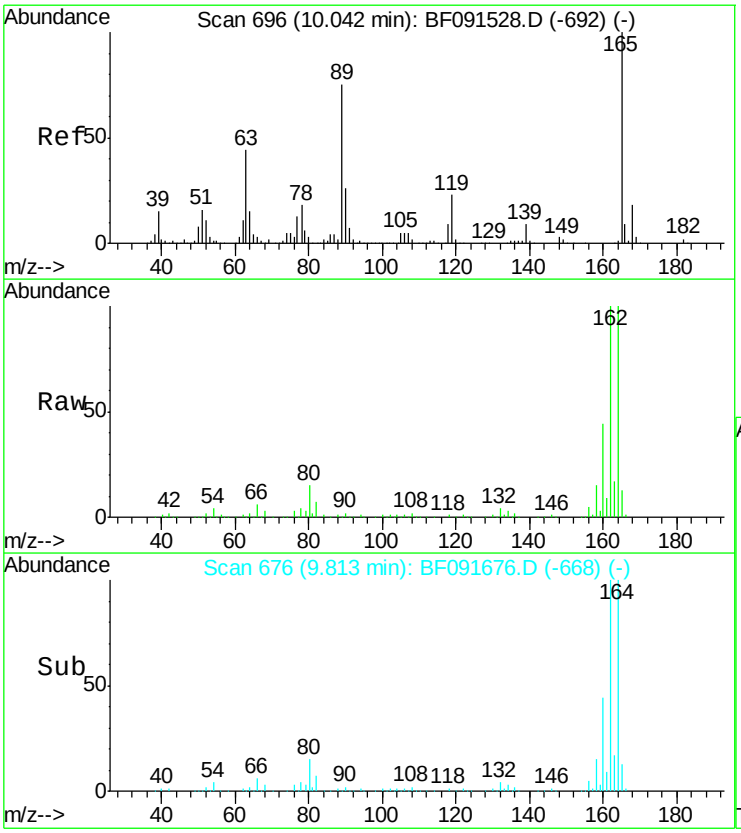
#50
2,6-Dinitrotoluene
Concen: 9.27 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.19 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:165 Resp: 70873

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	1.1	50.8	76.2#

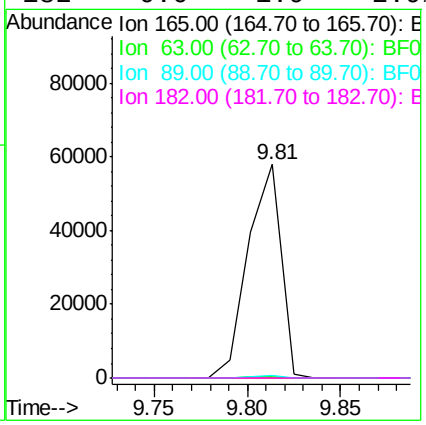


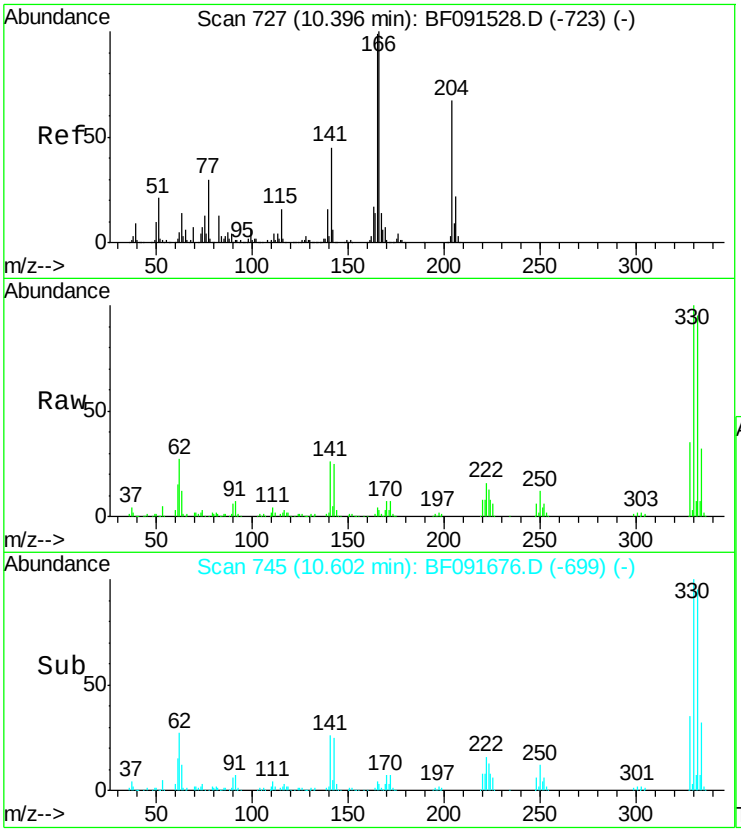


#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.21 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:165 Resp: 70873

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



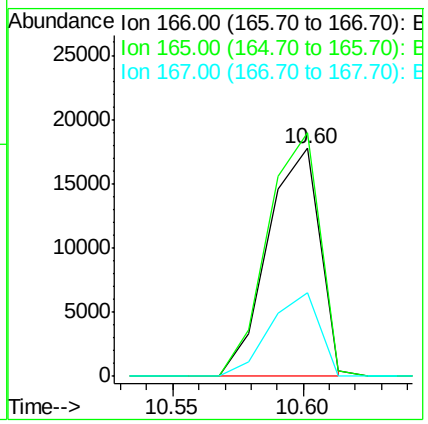


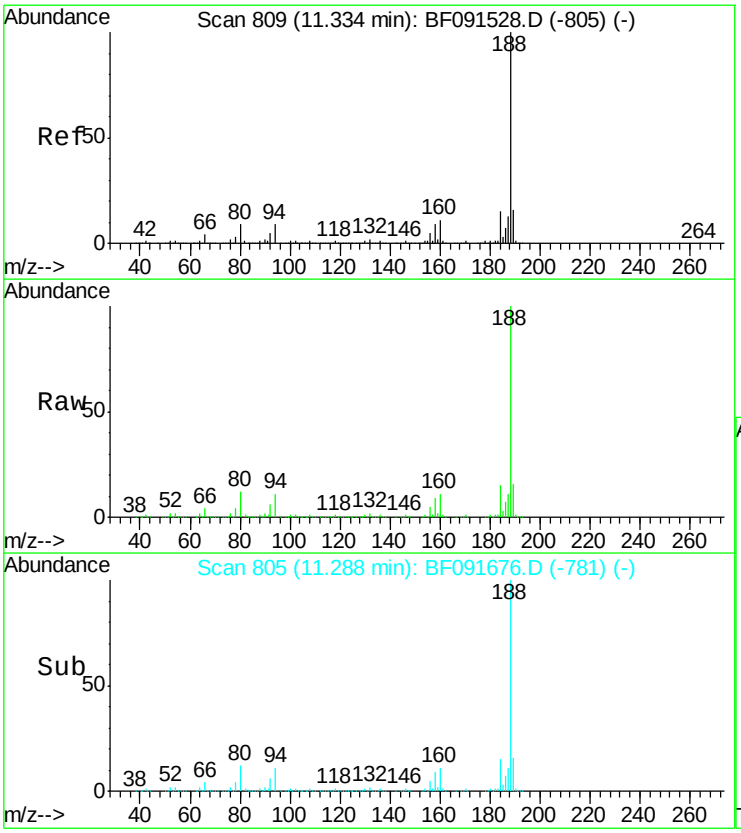
#57
Fluorene
Concen: Below Cal
RT: 10.60 min Scan# 745
Delta R.T. 0.23 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:166 Resp: 24748

Ion	Ratio	Lower	Upper
166	100		
165	106.9	80.0	120.0
167	36.4	10.8	16.2#

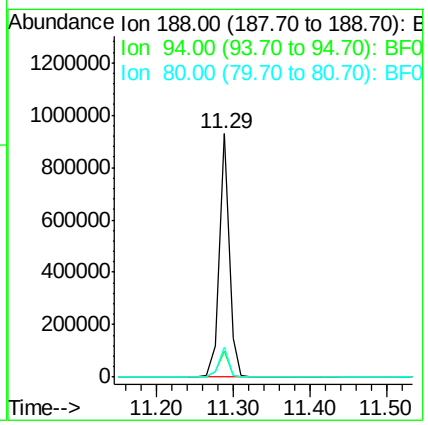


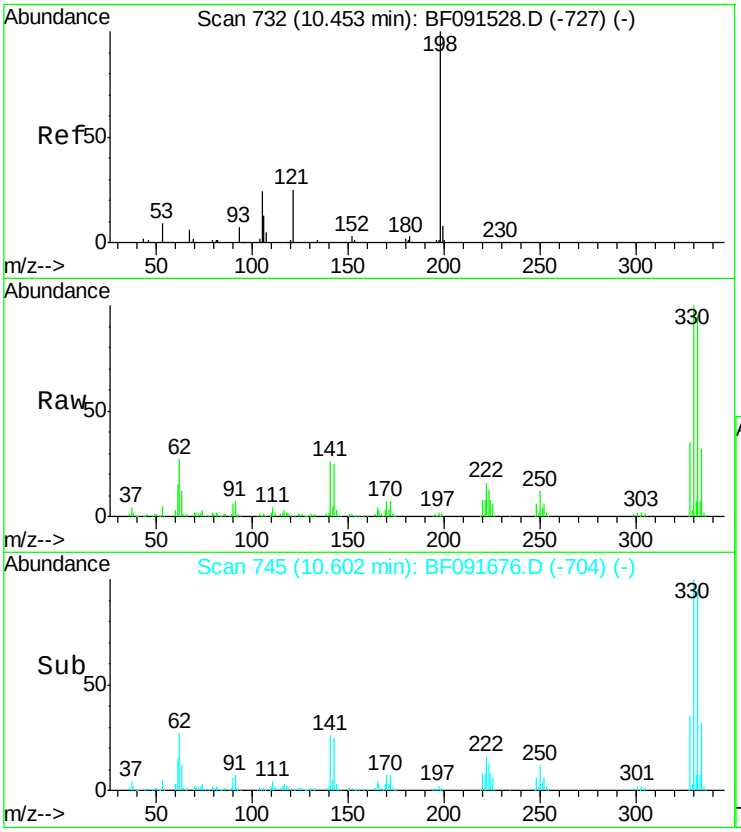


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:188 Resp: 834719

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.2	13.8
80	12.0	10.5	15.7



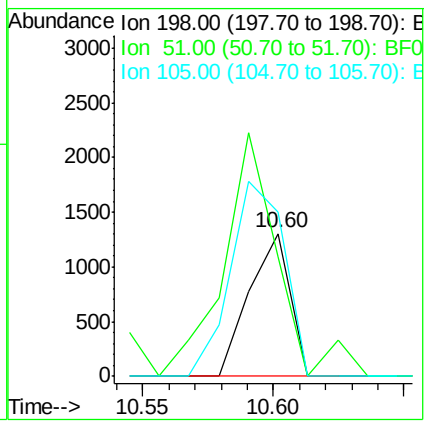


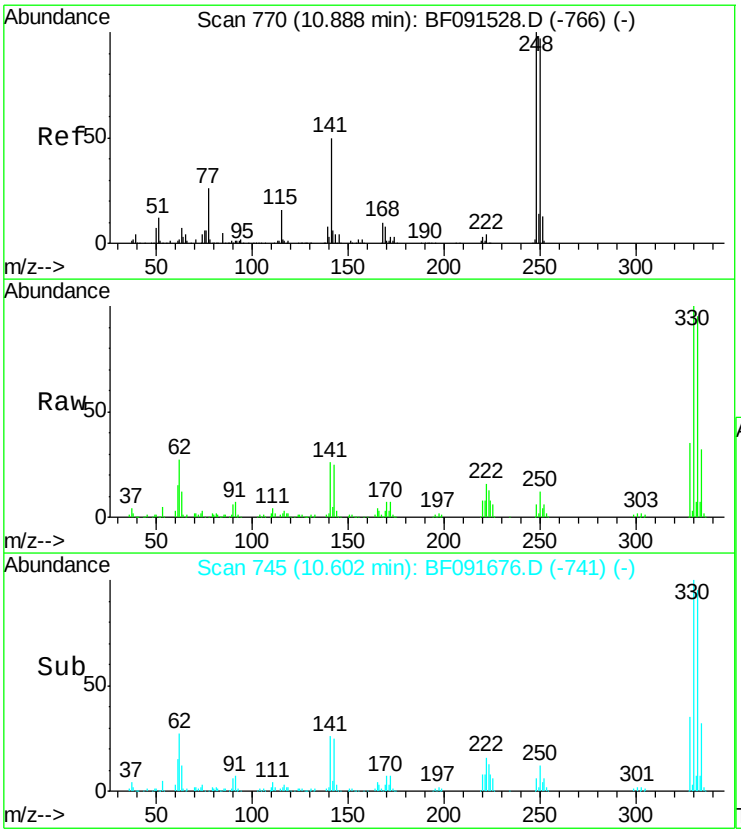
#64
4,6-Dinitro-2-methylphenol
Concen: 3.21 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.17 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:198 Resp: 1425

Ion	Ratio	Lower	Upper
198	100		
51	84.2	77.1	117.1
105	115.1	44.8	84.8#

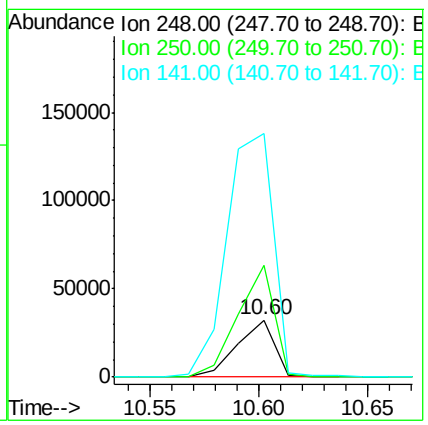


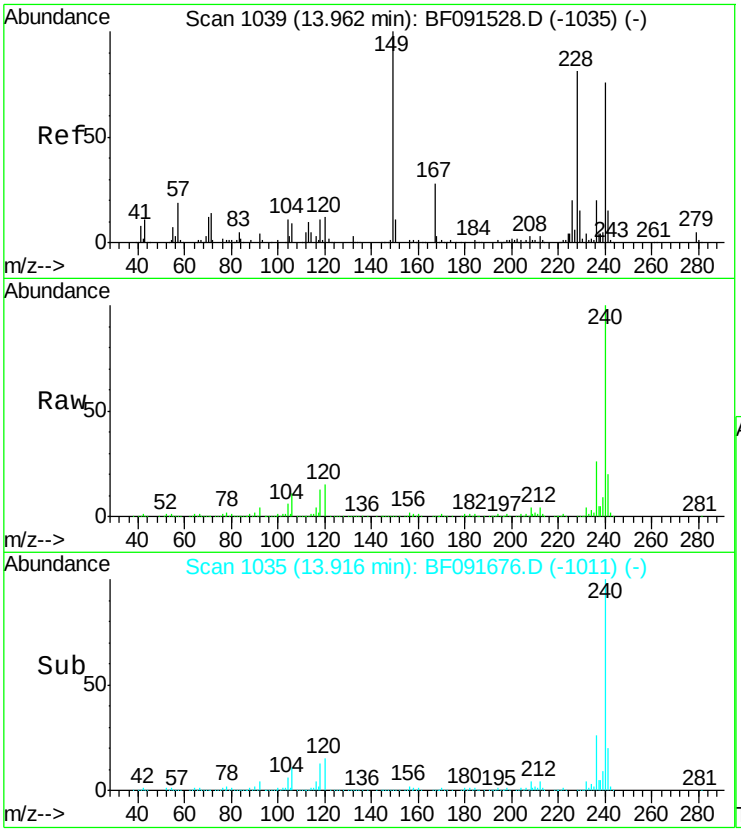


#66
4-Bromophenyl-phenylether
Concen: 4.46 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.25 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:248 Resp: 38156

Ion	Ratio	Lower	Upper
248	100		
250	195.8	78.2	117.4#
141	427.0	71.9	107.9#



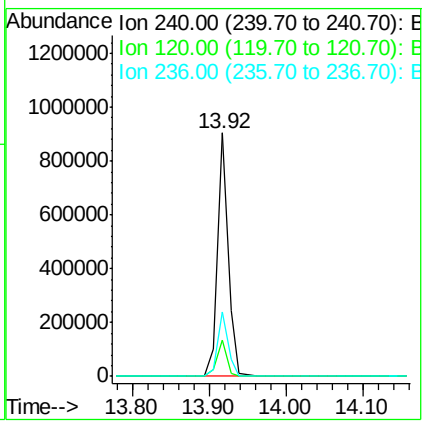


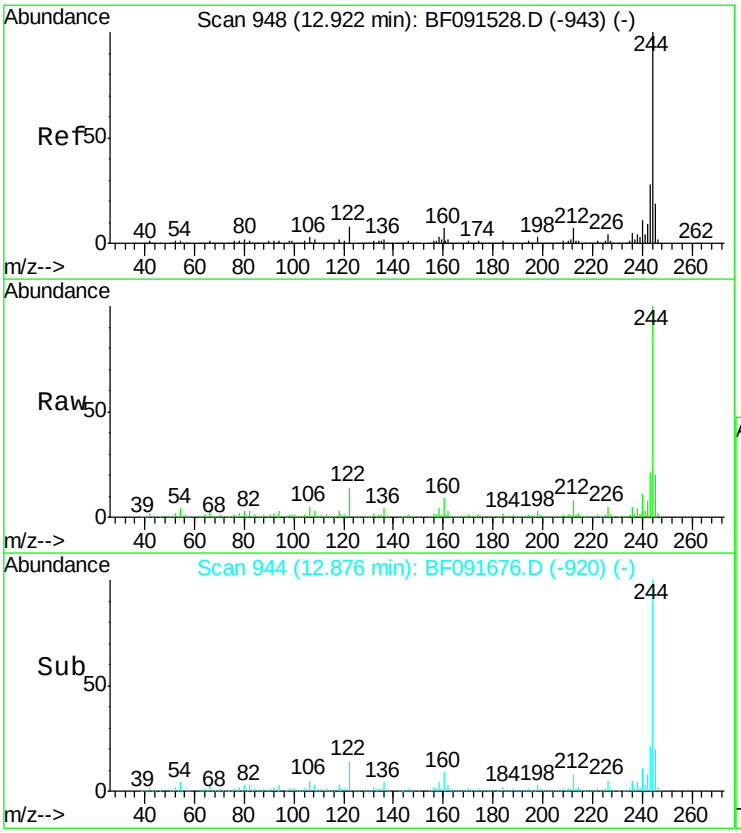
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:240 Resp: 872611

Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.1	18.1
236	26.2	21.0	31.6

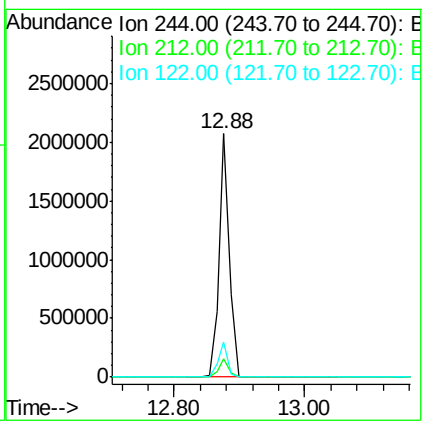


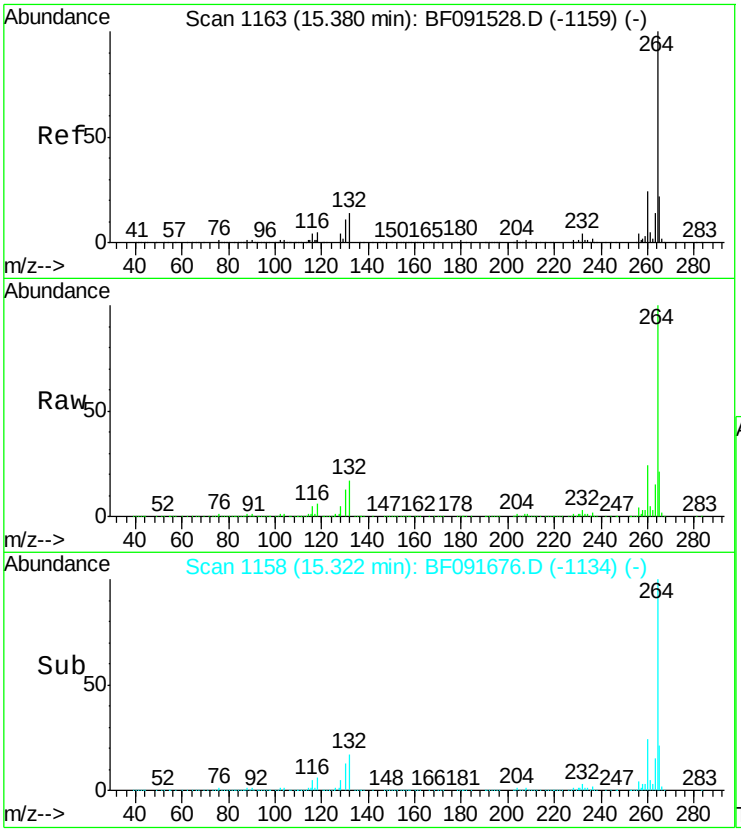


#78
Terphenyl-d14
Concen: 60.24 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Tgt Ion:244 Resp: 2316555

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	14.2	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091676.D
Acq: 16 Dec 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB95365BL

Tgt Ion:264 Resp: 711453

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.3	17.0	25.6