Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091221.D
Acq On : 17 Nov 2016 19:20
Operator : UM/SJ
Sample : H5667-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BL-BSB-11142016

Quant Time: Nov 18 03:07:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	181952	20.00	ng		-0.05
21) Naphthalene-d8	7.90	136	788615	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	407613	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	737625	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	500626	20.00	ng		-0.05
86) Perylene-d12	15.14	264	355299	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	741595	67.31	ng		-0.05
7) Phenol-d6	6.27	99	626557	41.90	ng		-0.05
23) Nitrobenzene-d5	7.20	82	1366170	94.50	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	535590	145.34	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2026366	85.59	ng		-0.05
78) Terphenyl-d14	12.73	244	1849466	92.19	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.38	77	25946	3.13	ng		89
15) Benzyl Alcohol	6.77	79	23050	2.19	ng	#	51
19) n-Nitroso-di-n-propylamine	7.20	70	186468	17.99	ng	#	75
25) Isophorone	7.20	82	1340541	48.12	ng	#	67
49) Dimethylphthalate	9.39	163	59096	2.21	ng		98
50) 2,6-Dinitrotoluene	9.65	165	53346	9.31	ng	#	11
56) 2,4-Dinitrotoluene	9.65	165	53350	7.32	ng	#	26
66) 4-Bromophenyl-phenylether	10.45	248	36958	4.82	ng	#	1

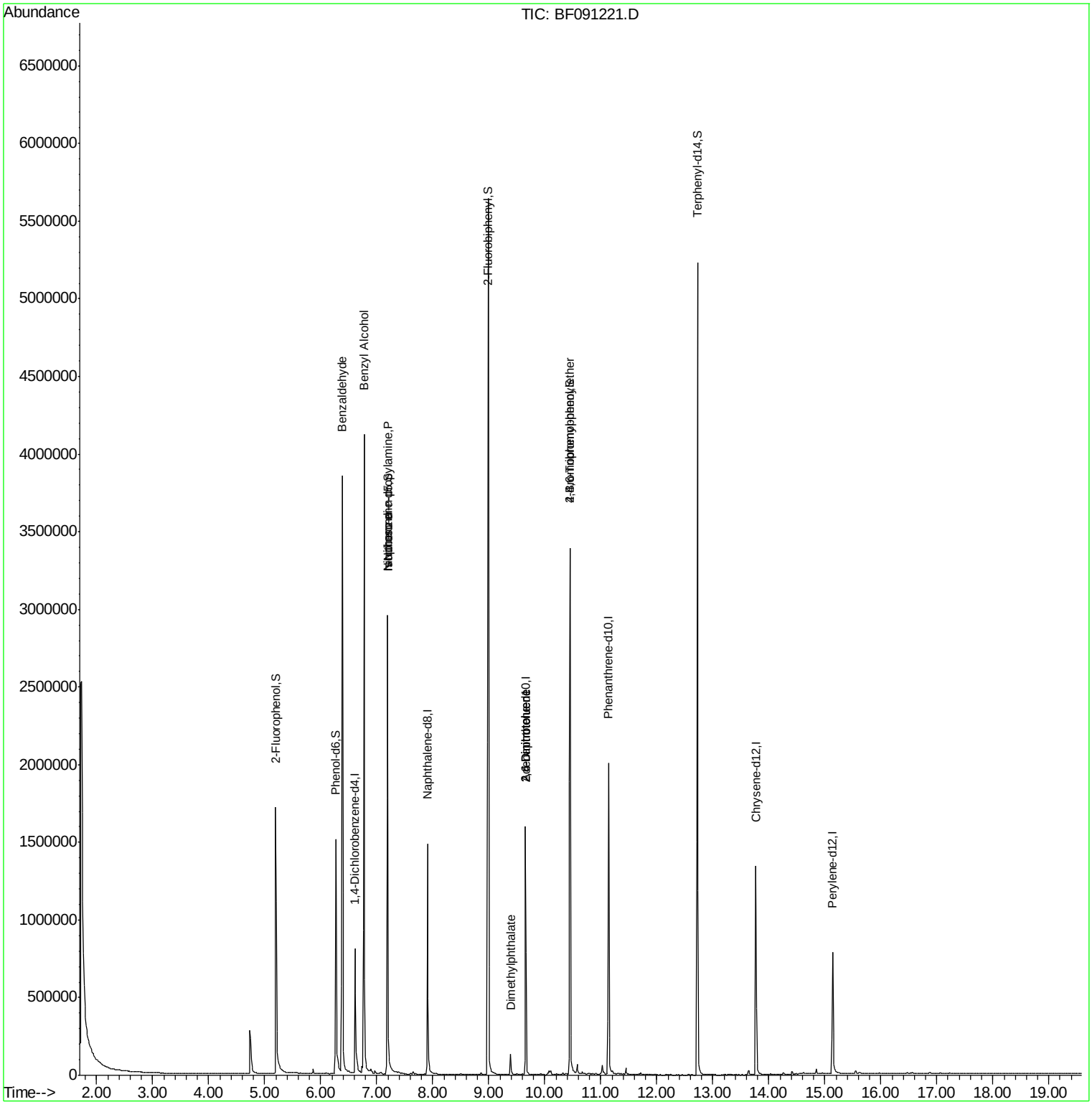
(#) = qualifier out of range (m) = manual integration (+) = signals summed

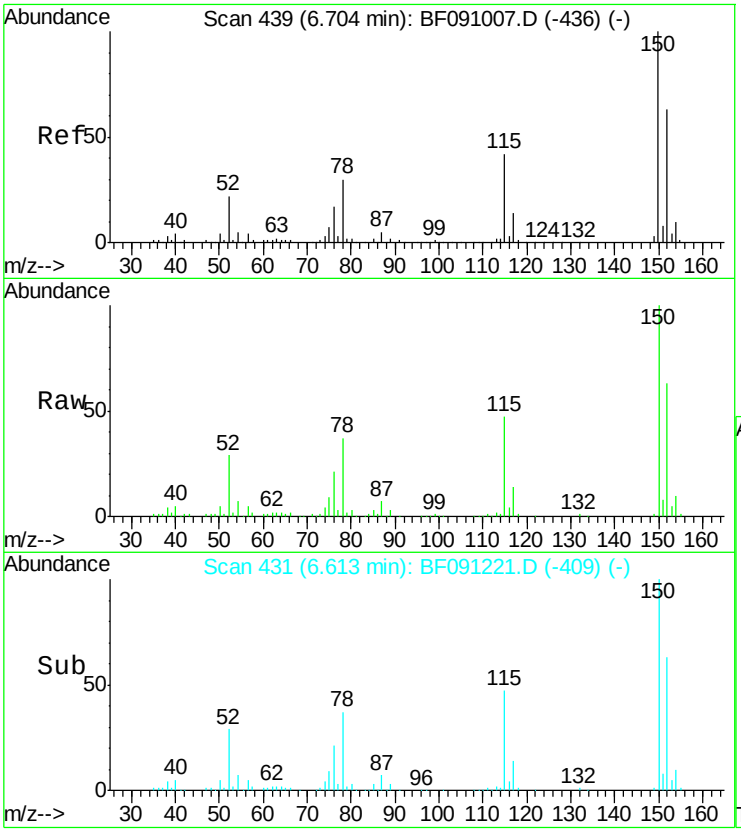
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091221.D
Acq On : 17 Nov 2016 19:20
Operator : UM/SJ
Sample : H5667-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BL-BSB-11142016

Quant Time: Nov 18 03:07:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



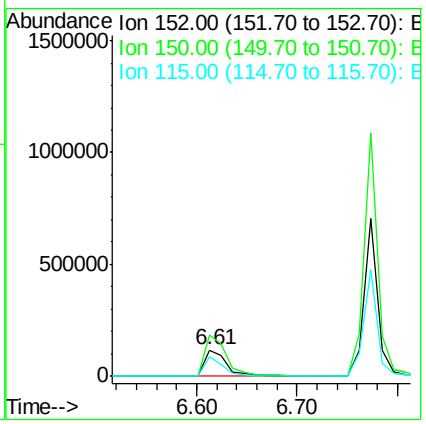


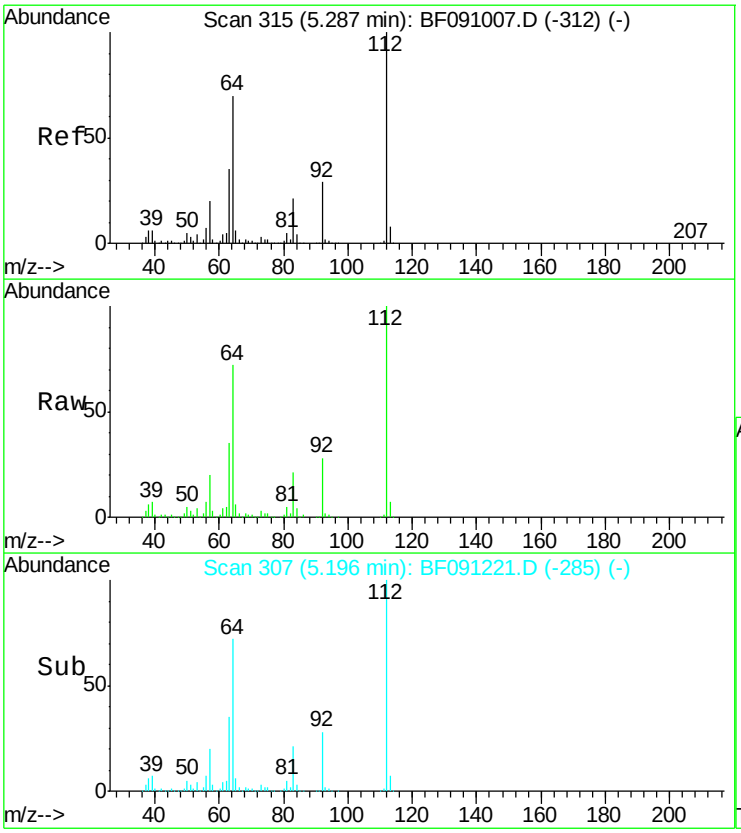
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:152 Resp: 181952

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.8	190.2
115	74.7	53.3	79.9

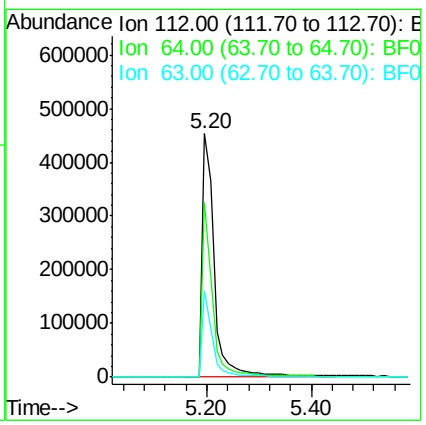


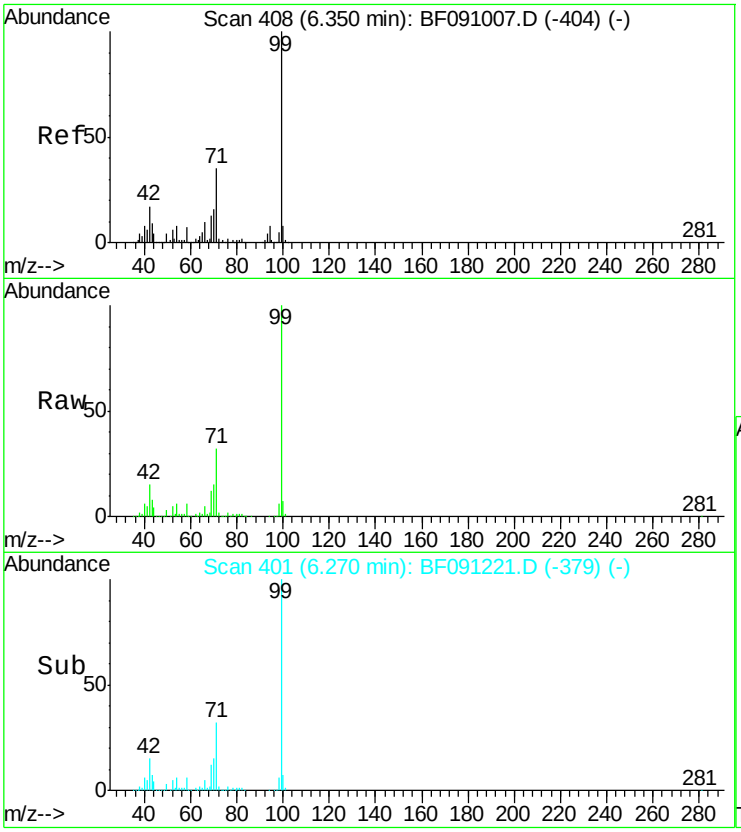


#5
2-Fluorophenol
Concen: 67.31 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:112 Resp: 741595

Ion	Ratio	Lower	Upper
112	100		
64	71.6	55.8	83.6
63	35.5	28.0	42.0



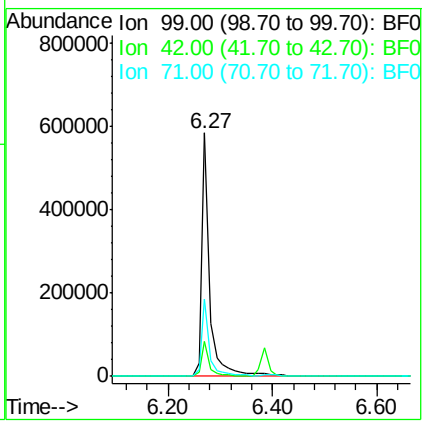


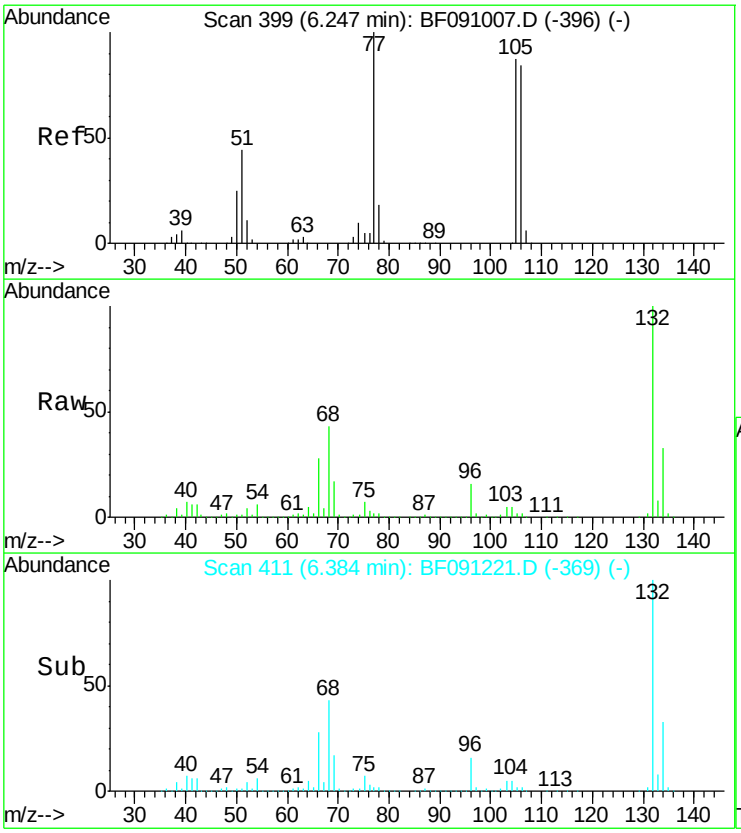
#7
Phenol-d6
Concen: 41.90 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion: 99 Resp: 626557

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.9	20.9
71	31.7	27.8	41.8

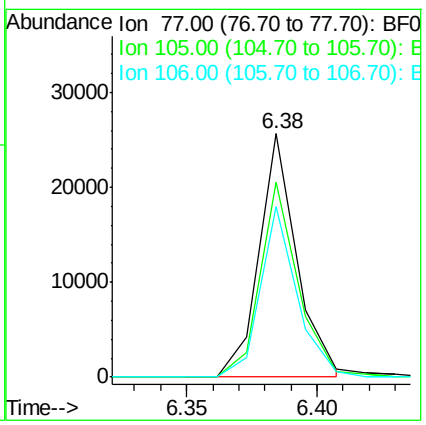


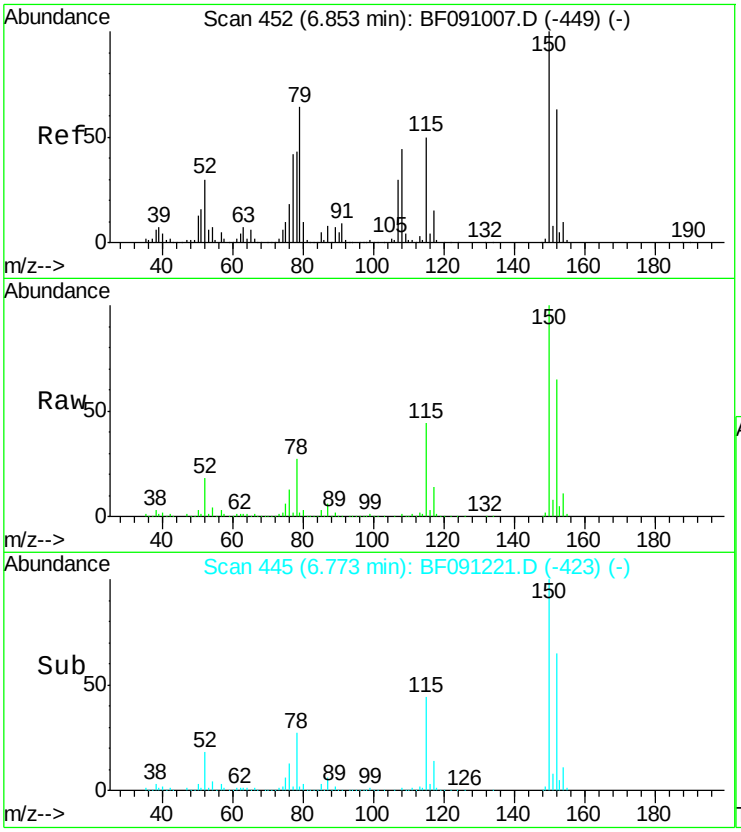


#9
Benzaldehyde
Concen: 3.13 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.18 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion: 77 Resp: 25946

Ion	Ratio	Lower	Upper
77	100		
105	80.2	66.8	106.8
106	69.9	64.0	104.0



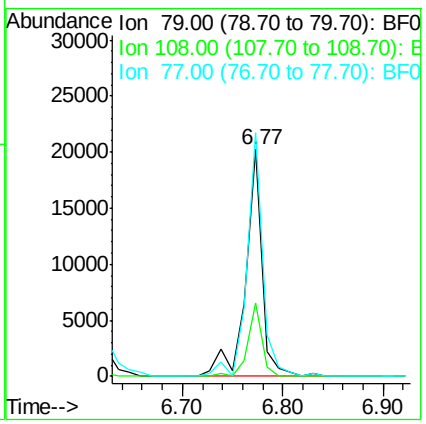


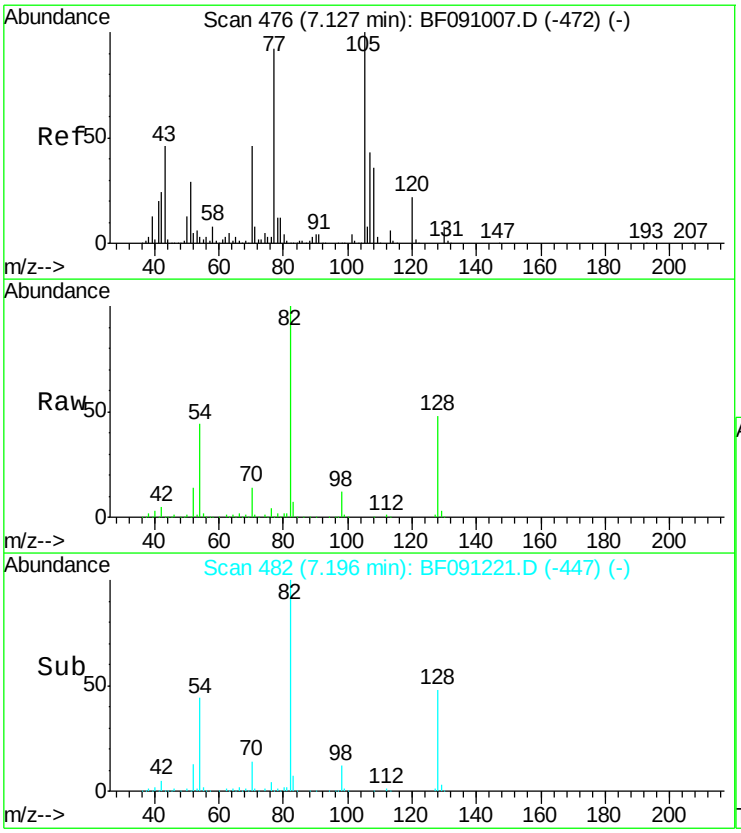
#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 6.77 min Scan# 445
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion: 79 Resp: 23050

Ion	Ratio	Lower	Upper
79	100		
108	32.2	55.7	83.5#
77	107.6	52.6	79.0#

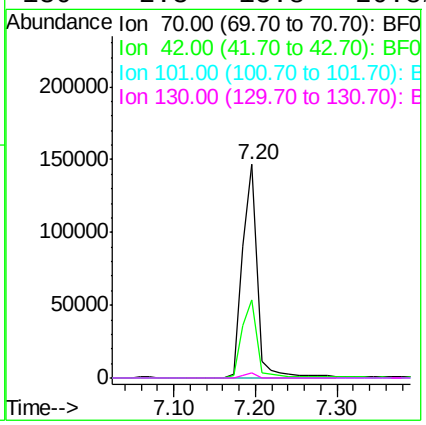


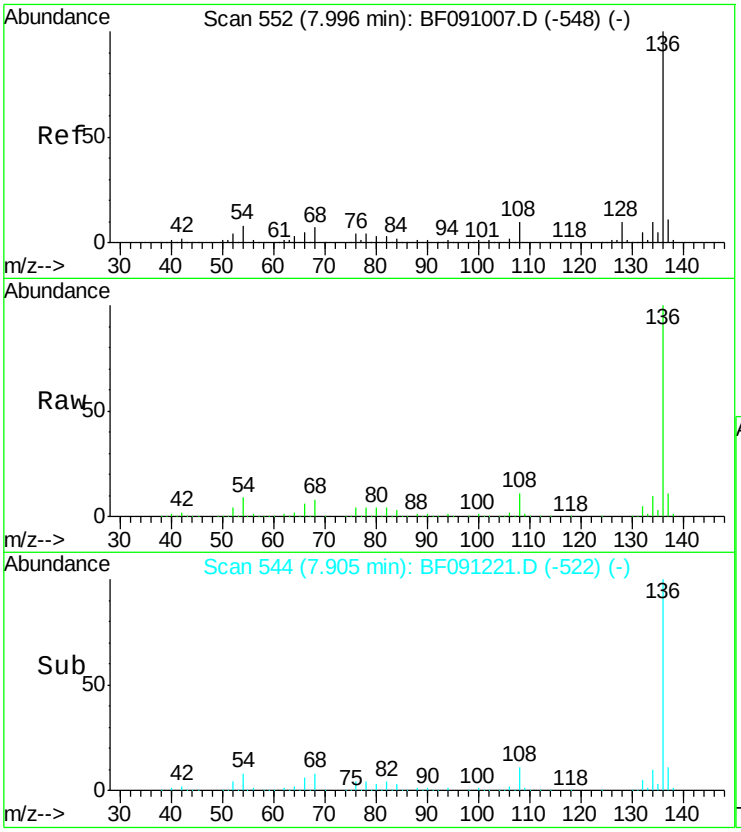


#19
n-Nitroso-di-n-propylamine
Concen: 17.99 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion: 70 Resp: 186468

Ion	Ratio	Lower	Upper
70	100		
42	36.4	41.7	62.5#
101	0.0	6.7	10.1#
130	2.3	13.8	20.8#



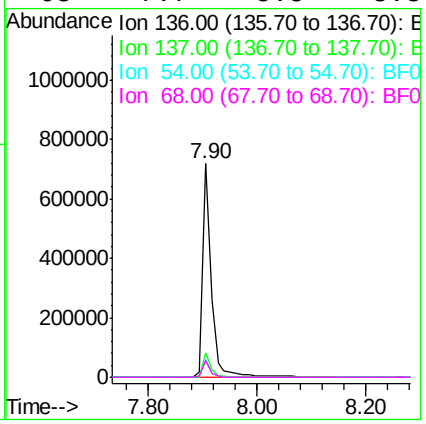


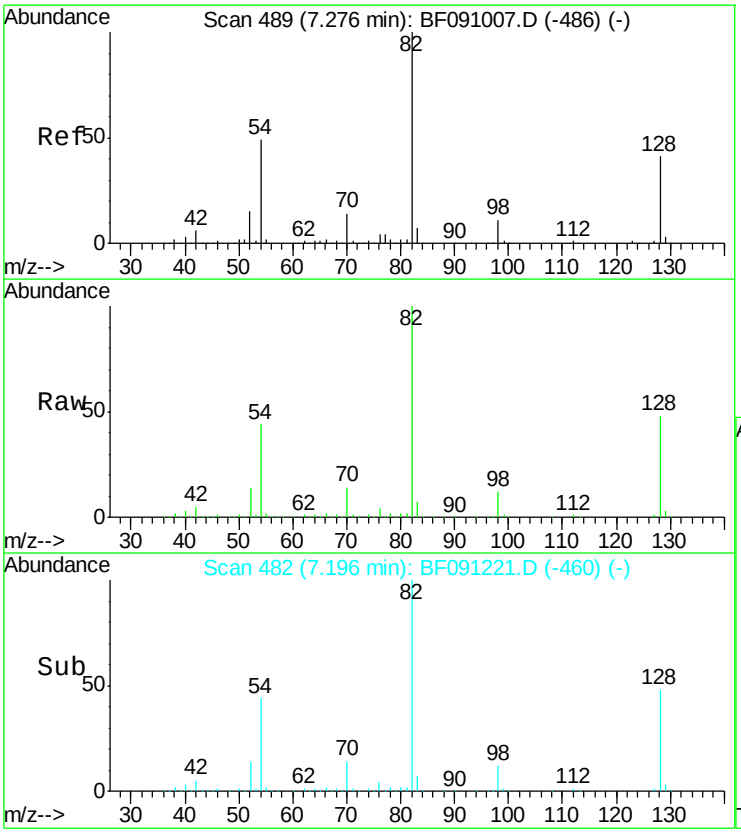
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:136 Resp: 788615

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	6.2	9.2
68	7.7	5.5	8.3

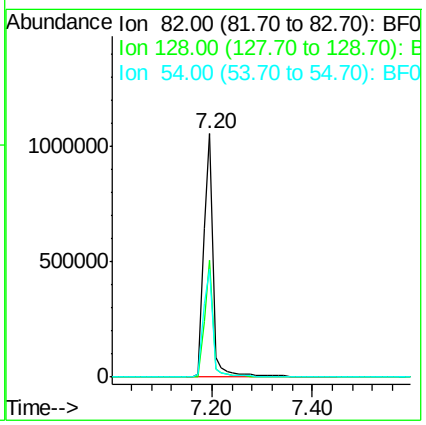


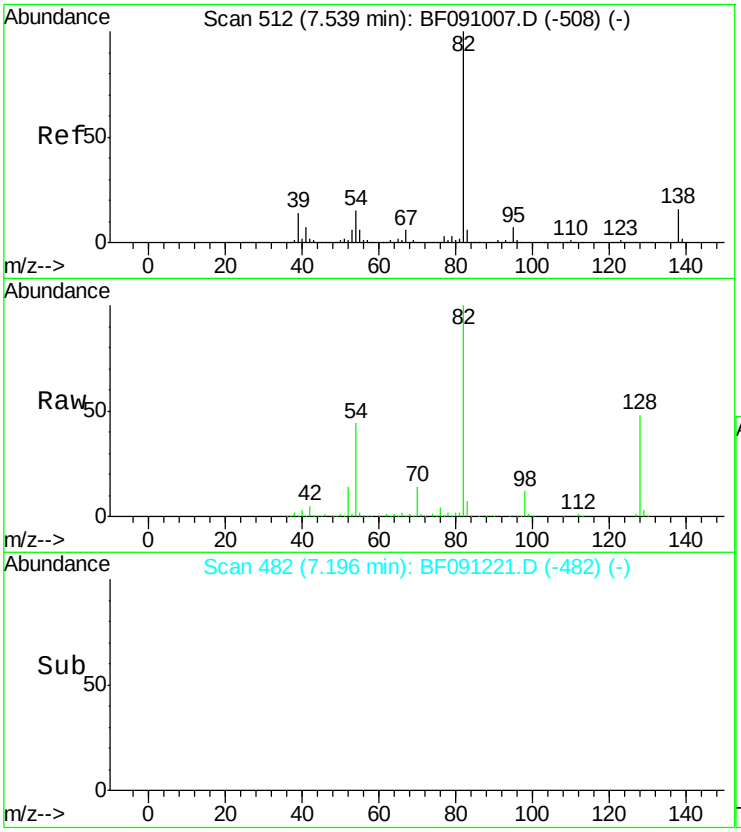


#23
Nitrobenzene-d5
Concen: 94.50 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion: 82 Resp: 1366170

Ion	Ratio	Lower	Upper
82	100		
128	48.2	32.4	48.6
54	44.3	39.2	58.8



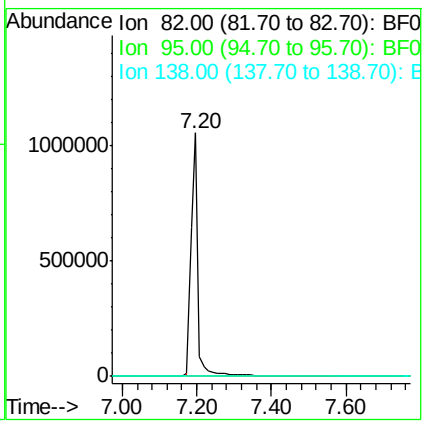


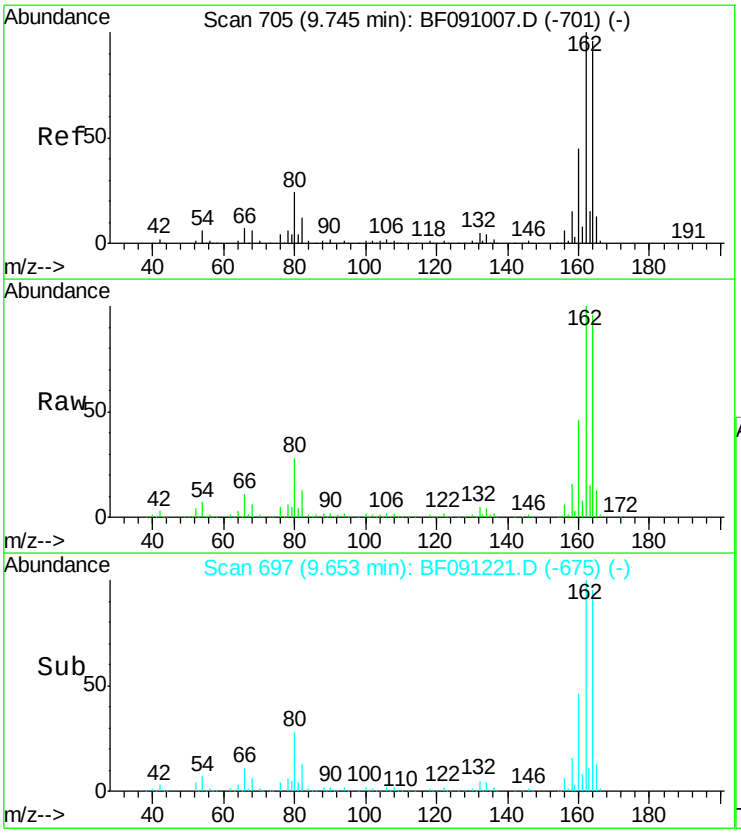
#25
Isophorone
Concen: 48.12 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion: 82 Resp: 1340541

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

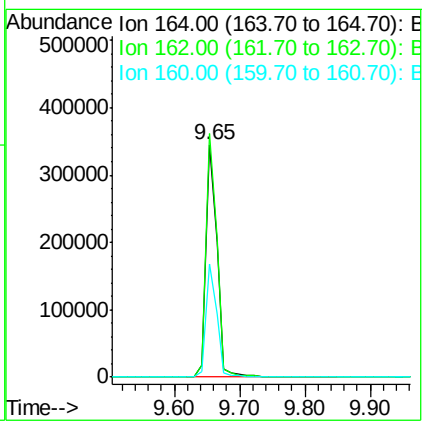


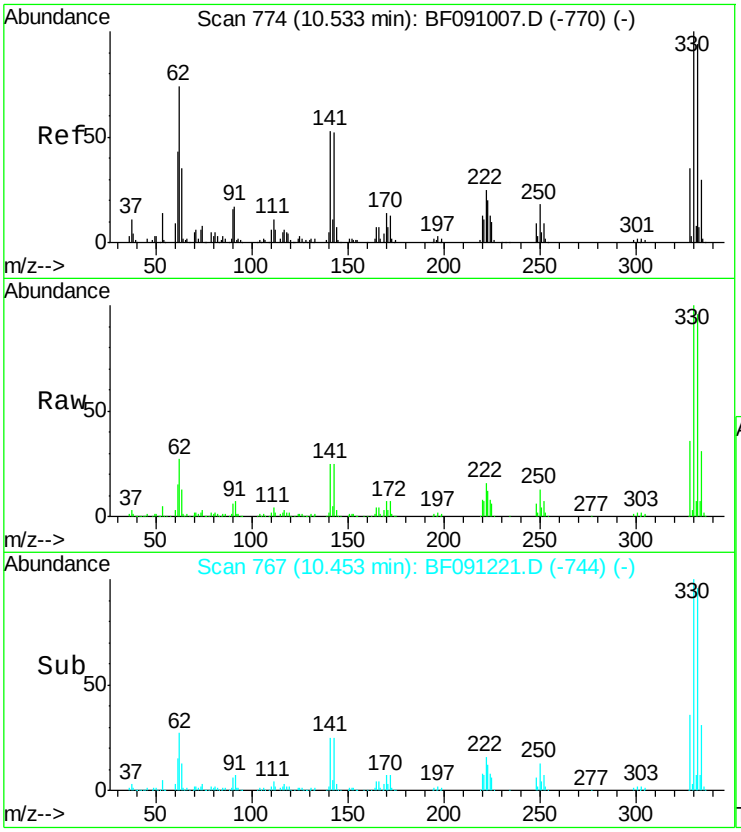


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:164 Resp: 407613

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.6	125.4
160	48.4	37.9	56.9



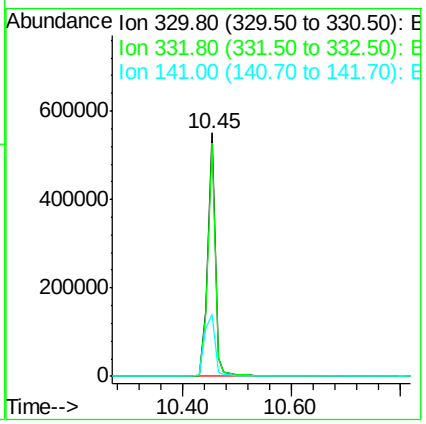


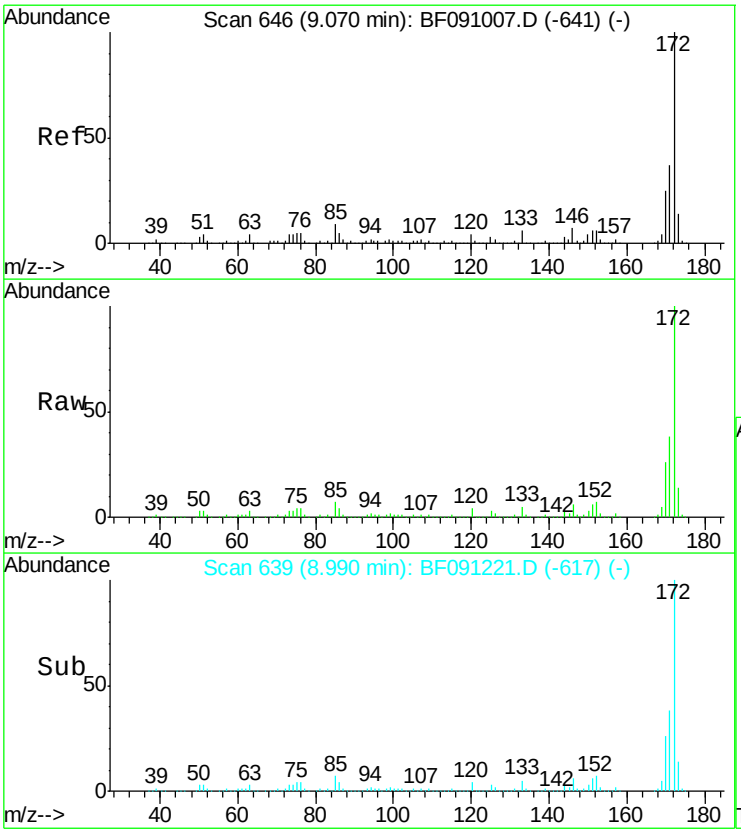
#41
2,4,6-Tribromophenol
Concen: 145.34 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:330 Resp: 535590

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.9	113.9
141	35.5	36.1	54.1#

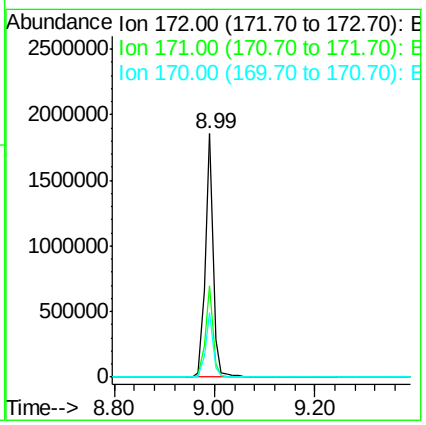


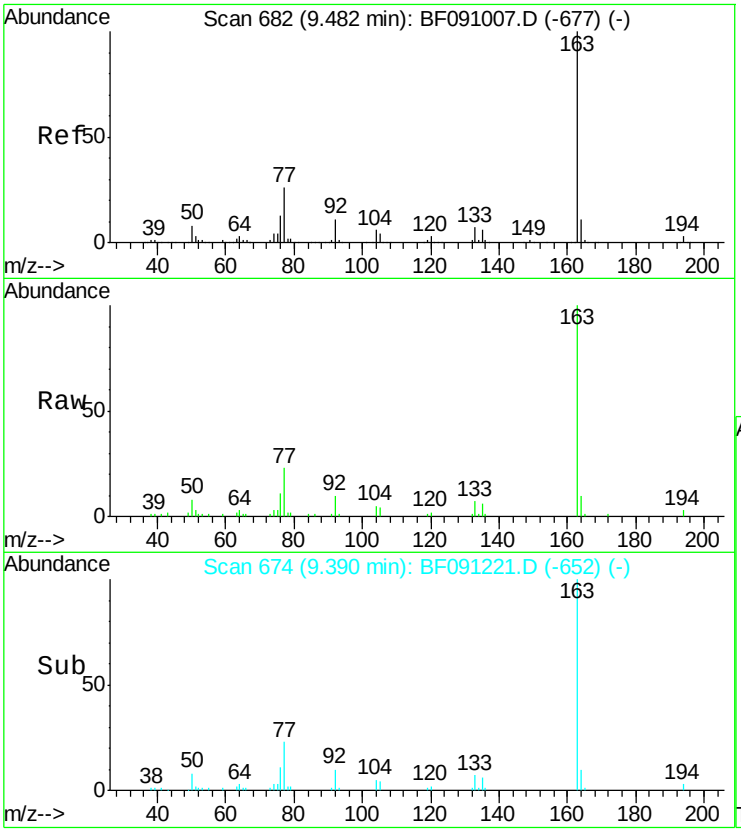


#44
2-Fluorobiphenyl
Concen: 85.59 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:172 Resp: 2026366

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	26.3	20.3	30.5



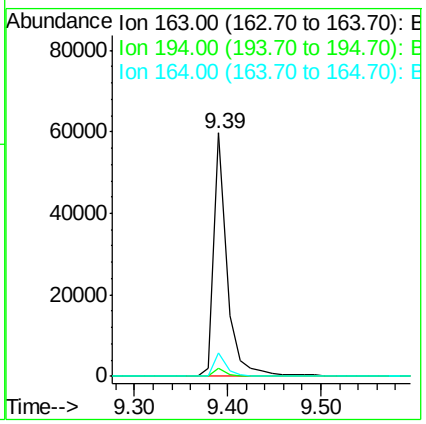


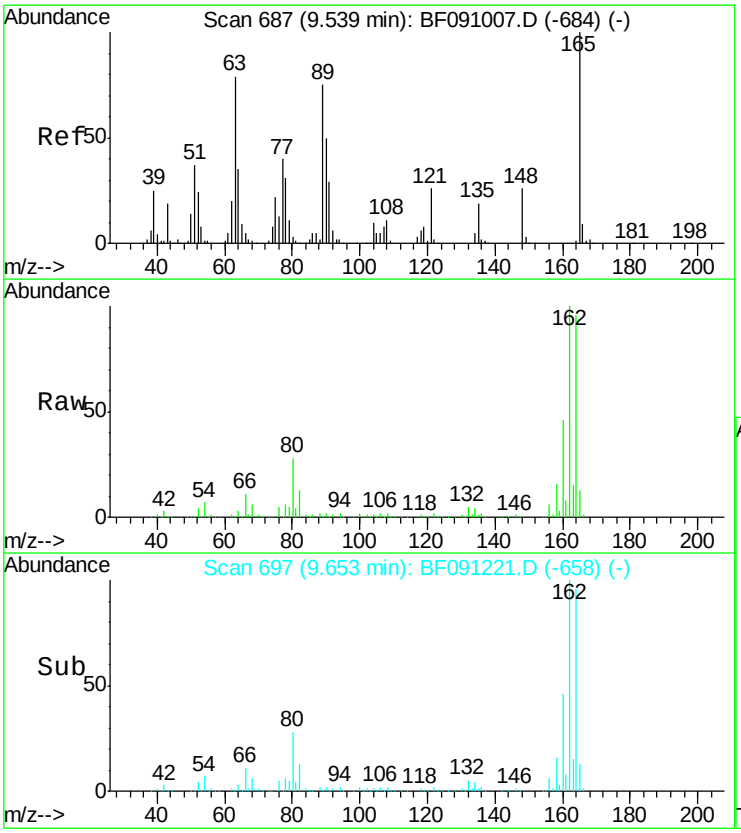
#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:163 Resp: 59096

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.8	8.7	13.1

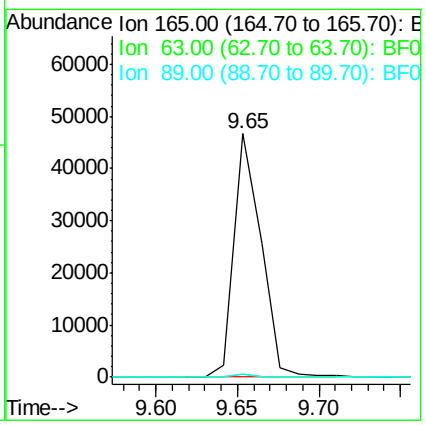


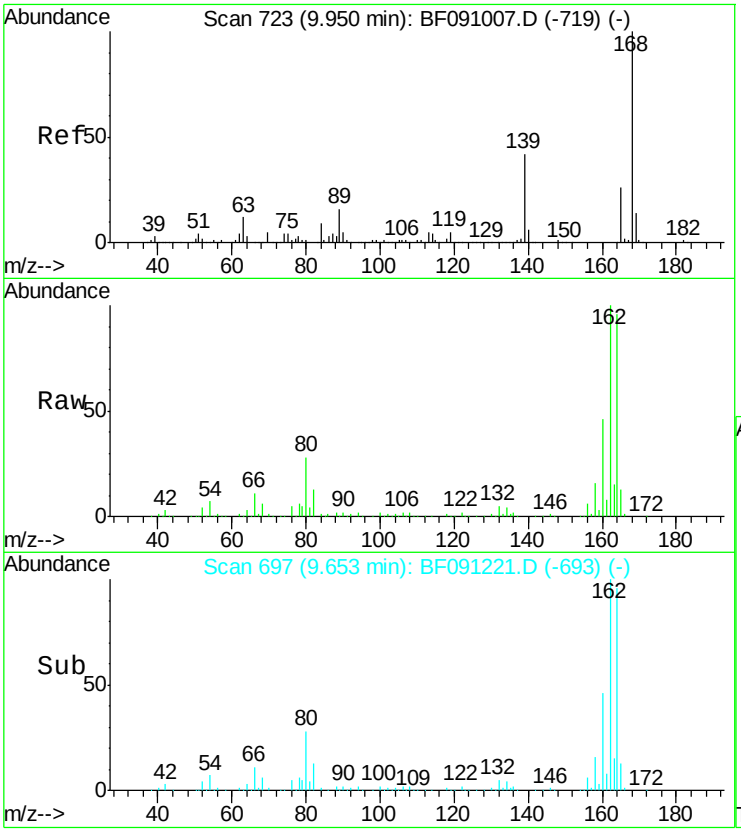


#50
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.15 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:165 Resp: 53346

Ion	Ratio	Lower	Upper
165	100		
63	1.2	65.6	98.4#
89	1.2	59.8	89.6#



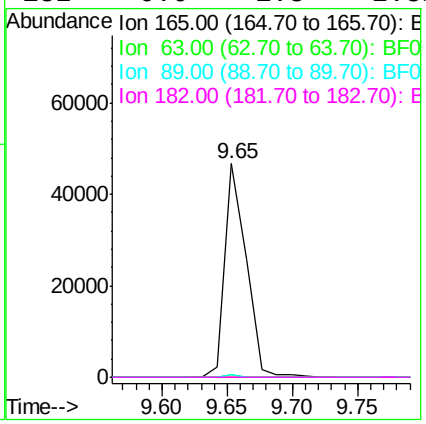


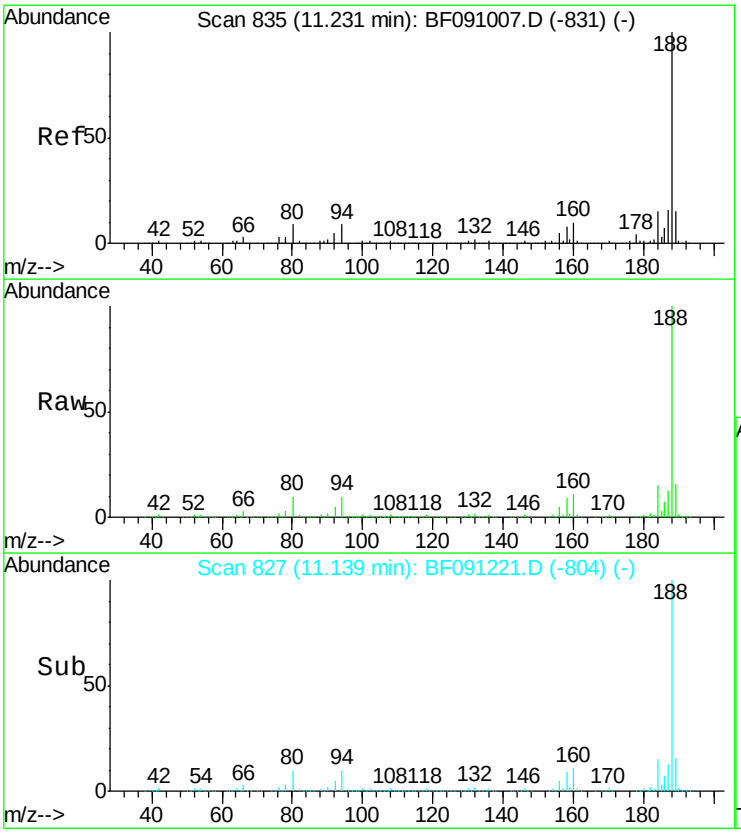
#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:165 Resp: 53350

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.7	58.1#
89	1.2	50.6	76.0#
182	0.0	1.8	2.8#

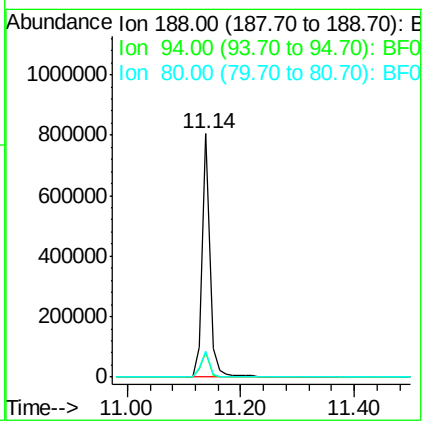


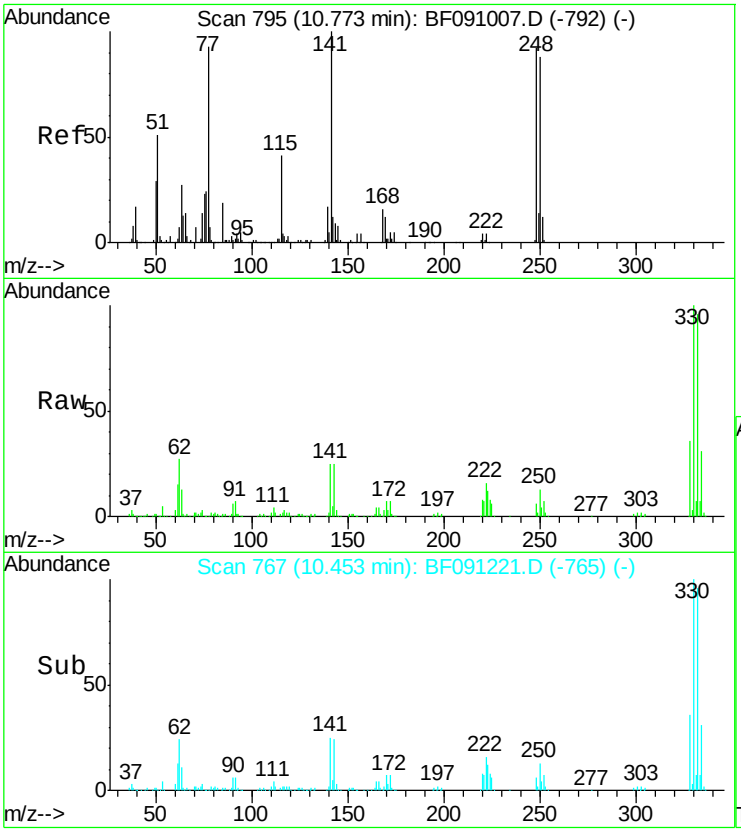


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:188 Resp: 737625

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.4
80	10.5	7.5	11.3



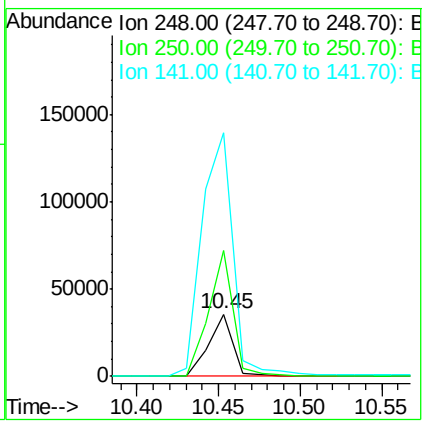


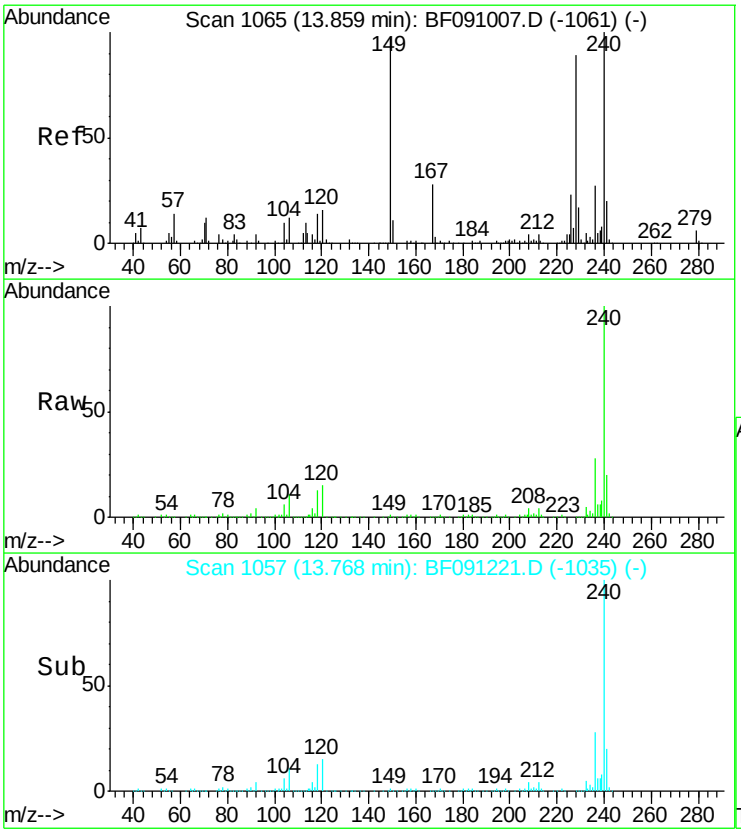
#66
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:248 Resp: 36958

Ion	Ratio	Lower	Upper
248	100		
250	203.7	76.3	114.5#
141	393.7	86.8	130.2#

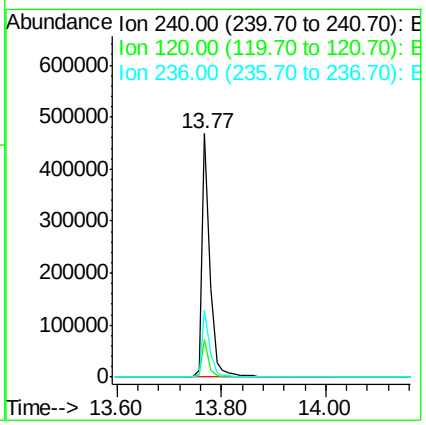


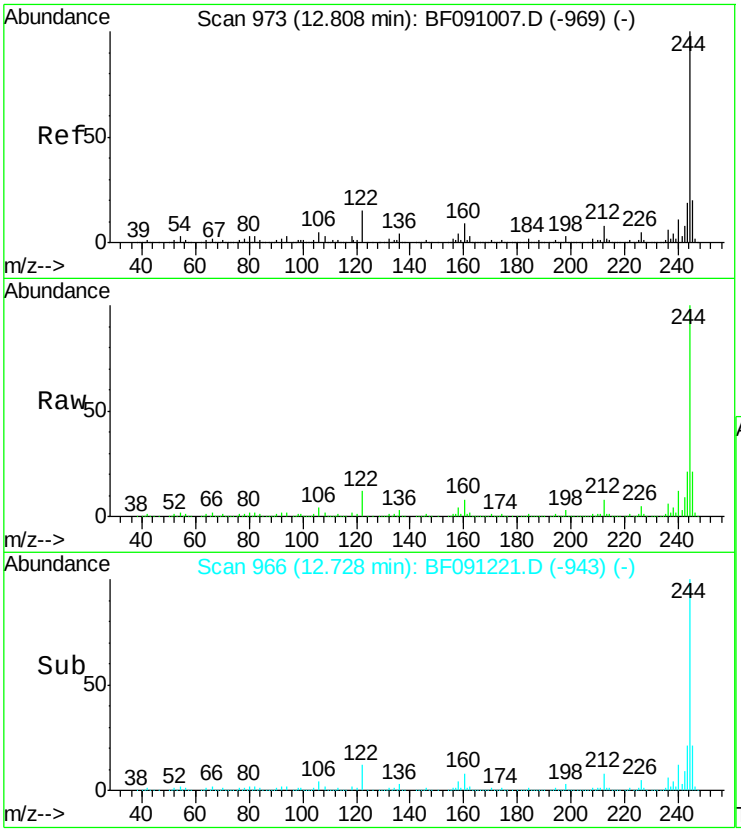


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:240 Resp: 500626

Ion	Ratio	Lower	Upper
240	100		
120	15.4	12.9	19.3
236	27.6	21.9	32.9



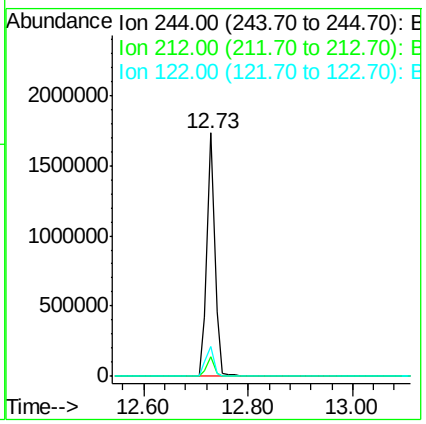


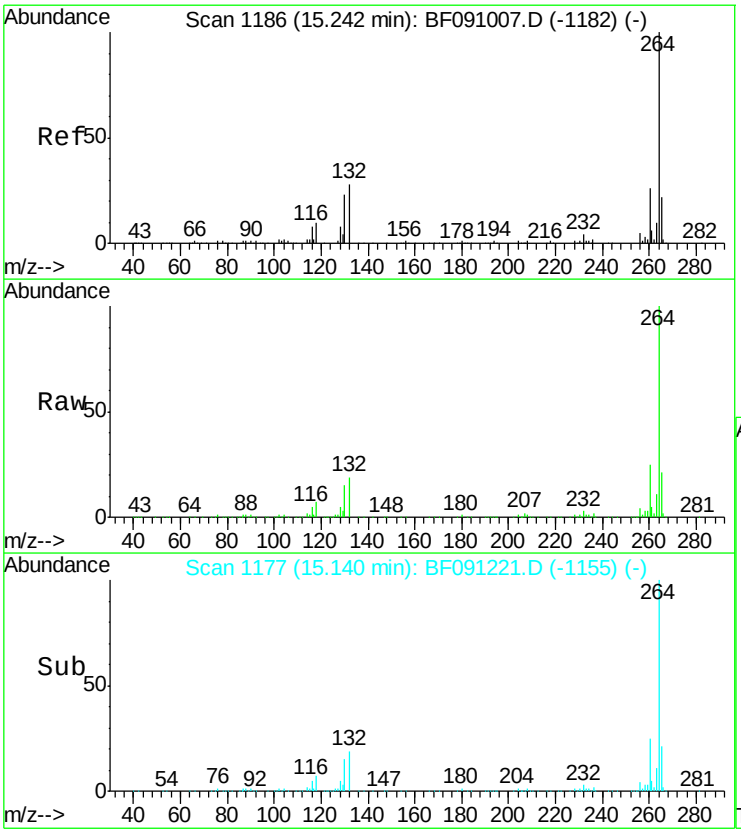
#78
Terphenyl-d14
Concen: 92.19 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Instrument :
BNA_F
ClientSampleId :
BL-BSB-11142016

Tgt Ion:244 Resp: 1849466

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	12.4	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091221.D
Acq: 17 Nov 2016 19:20

Tgt Ion:264 Resp: 355299

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	21.5	17.8	26.8