Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091276.D
Acq On : 23 Nov 2016 15:23
Operator : UM/SJ
Sample : H5747-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-BSB-11222016

Quant Time: Nov 23 23:57:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	199140	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	758292	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	480083	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	796349	20.00	ng		0.00
75) Chrysene-d12	14.03	240	753654	20.00	ng		-0.01
86) Perylene-d12	15.47	264	600076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	653919	52.76	ng		0.00
7) Phenol-d6	6.49	99	501680	31.50	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1088792	82.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	579923	119.79	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	2135687	72.84	ng		0.00
78) Terphenyl-d14	12.99	244	2194696	66.51	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	27889	2.27	ng		90
19) n-Nitroso-di-n-propylamine	7.44	70	152487	15.27	ng	#	75
25) Isophorone	7.44	82	809565	32.90	ng	#	67
50) 2,6-Dinitrotoluene	9.92	165	62246	9.51	ng	#	17
56) 2,4-Dinitrotoluene	9.92	165	62235	7.51	ng	#	33
66) 4-Bromophenyl-phenylether	10.70	248	36033	4.14	ng	#	1
73) Di-n-butylphthalate	11.96	149	263196	6.05	ng	#	98

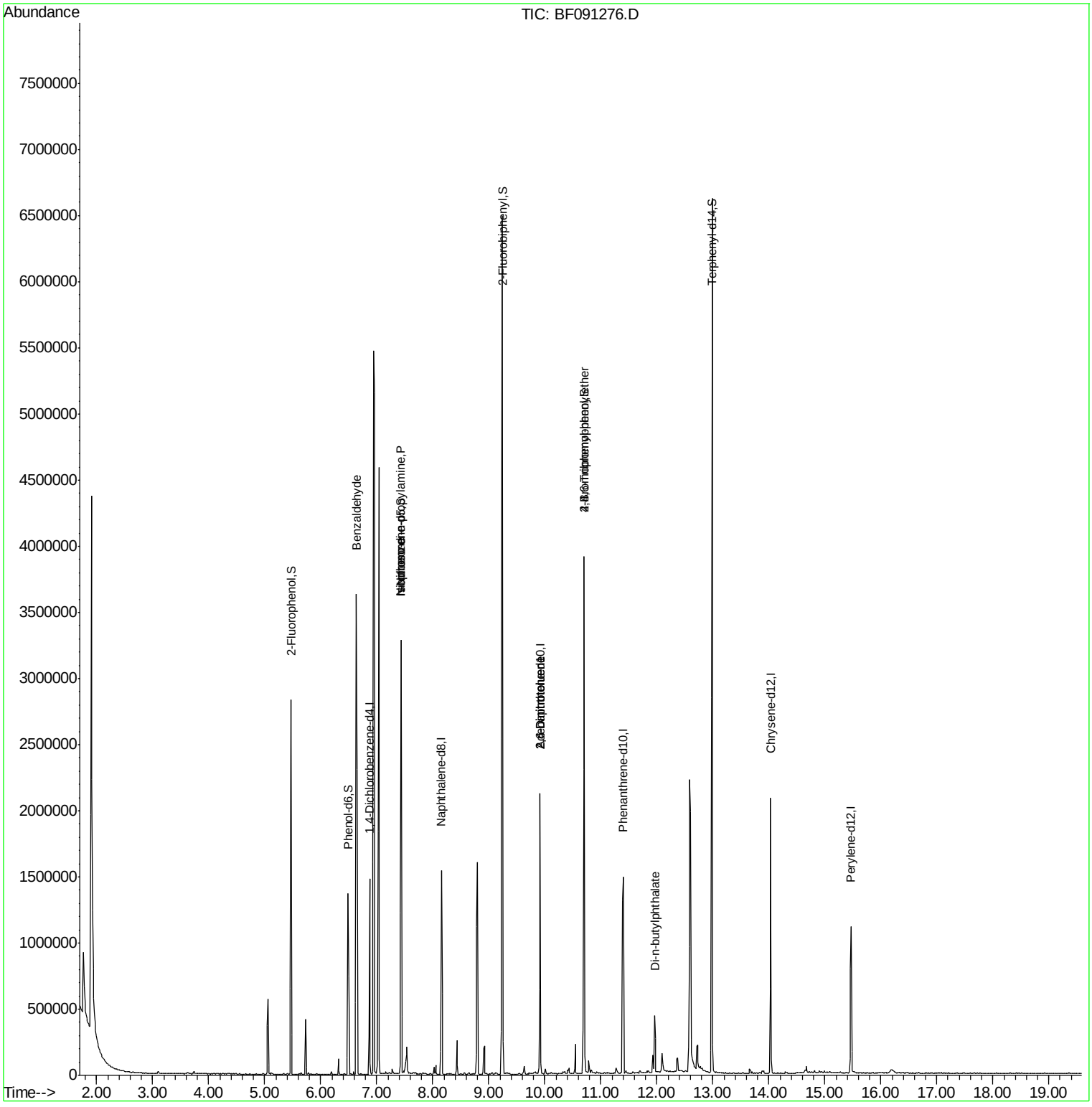
(#) = qualifier out of range (m) = manual integration (+) = signals summed

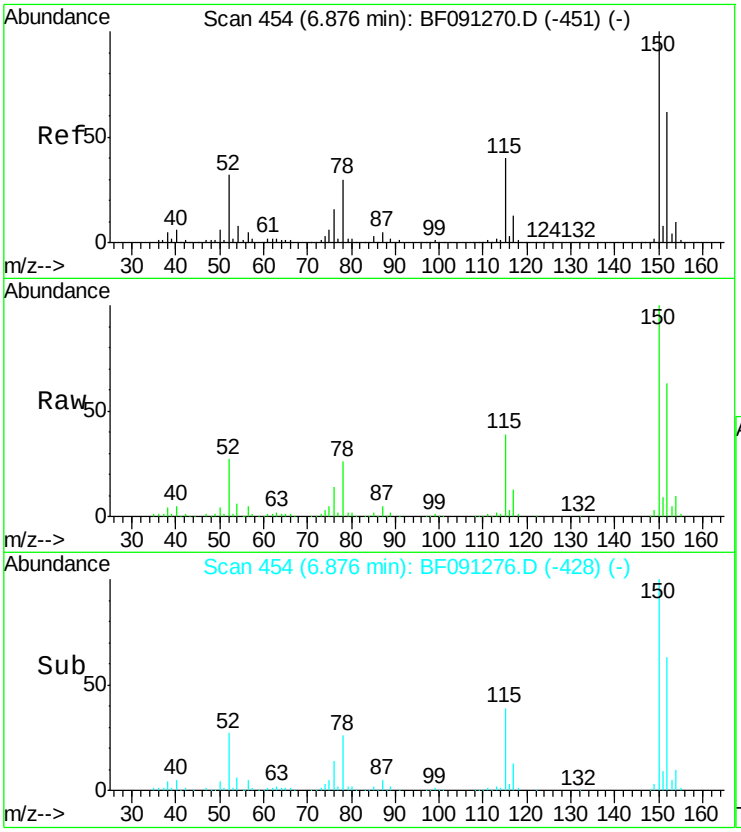
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091276.D
Acq On : 23 Nov 2016 15:23
Operator : UM/SJ
Sample : H5747-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-BSB-11222016

Quant Time: Nov 23 23:57:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration



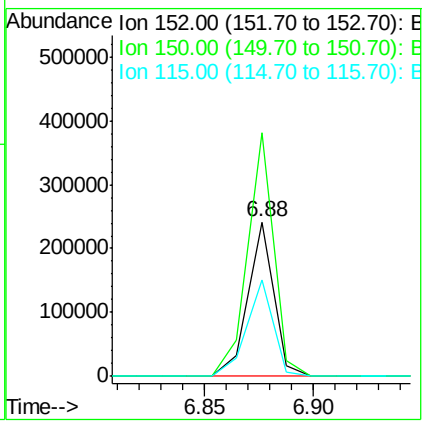


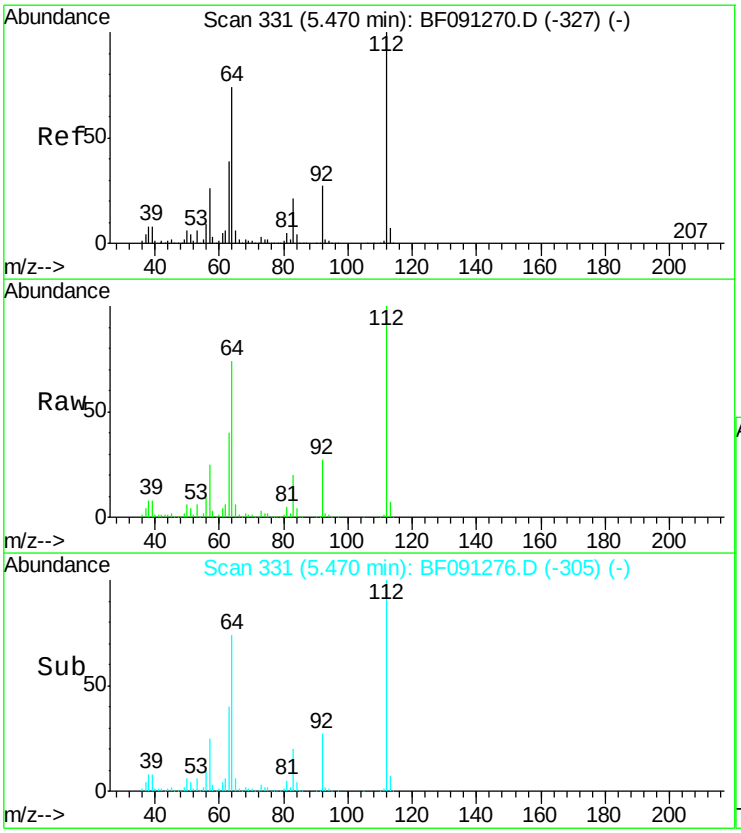
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:152 Resp: 199140

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.5	183.7
115	62.0	51.8	77.8

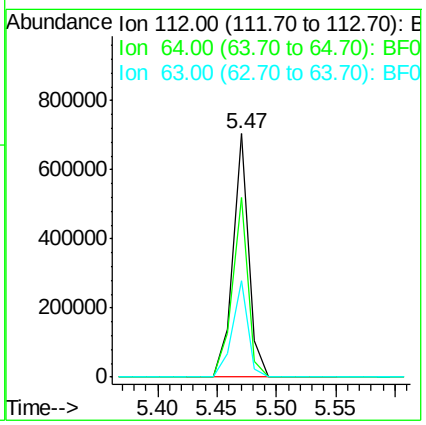


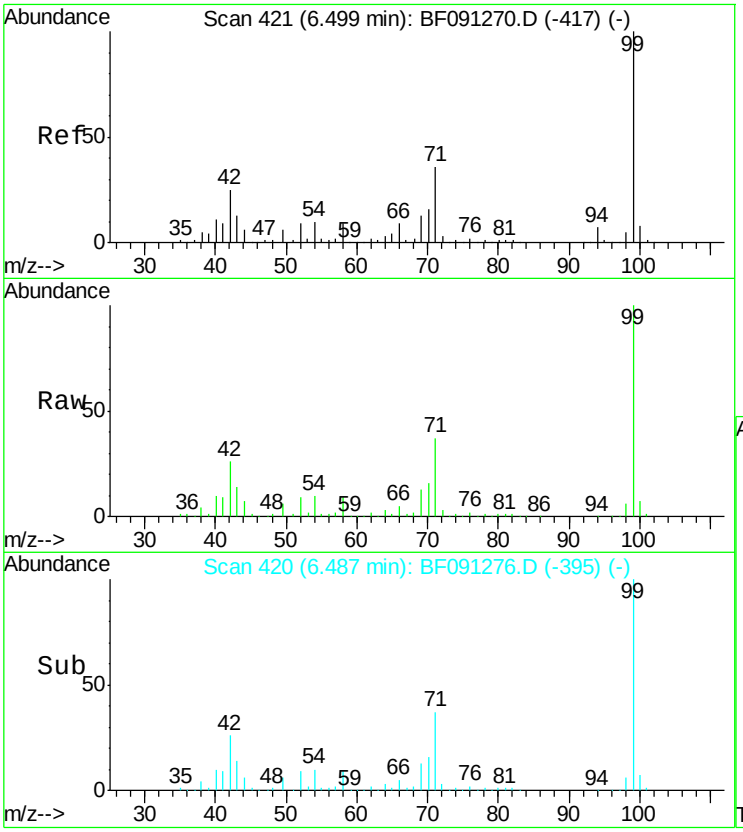


#5
2-Fluorophenol
Concen: 52.76 ng
RT: 5.47 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:112 Resp: 653919

Ion	Ratio	Lower	Upper
112	100		
64	73.8	61.5	92.3
63	39.8	33.3	49.9



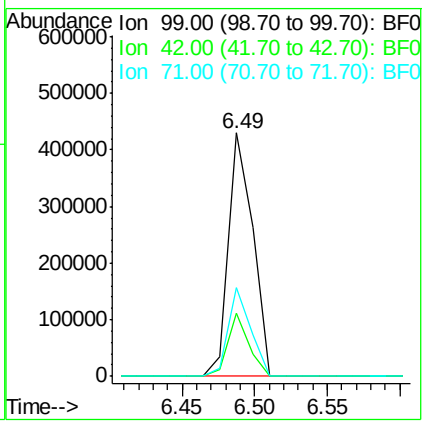


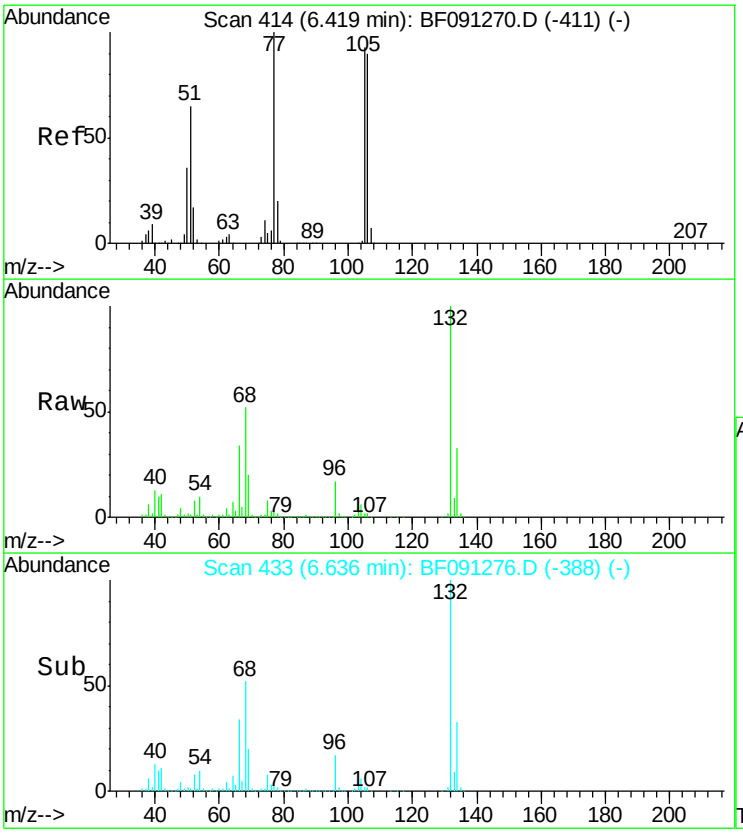
#7
Phenol-d6
Concen: 31.50 ng
RT: 6.49 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion: 99 Resp: 501680

Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.6	31.0
71	36.7	29.9	44.9

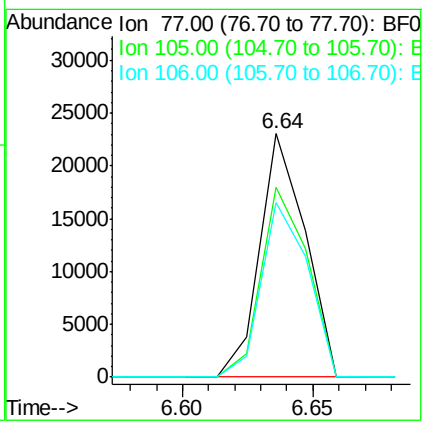


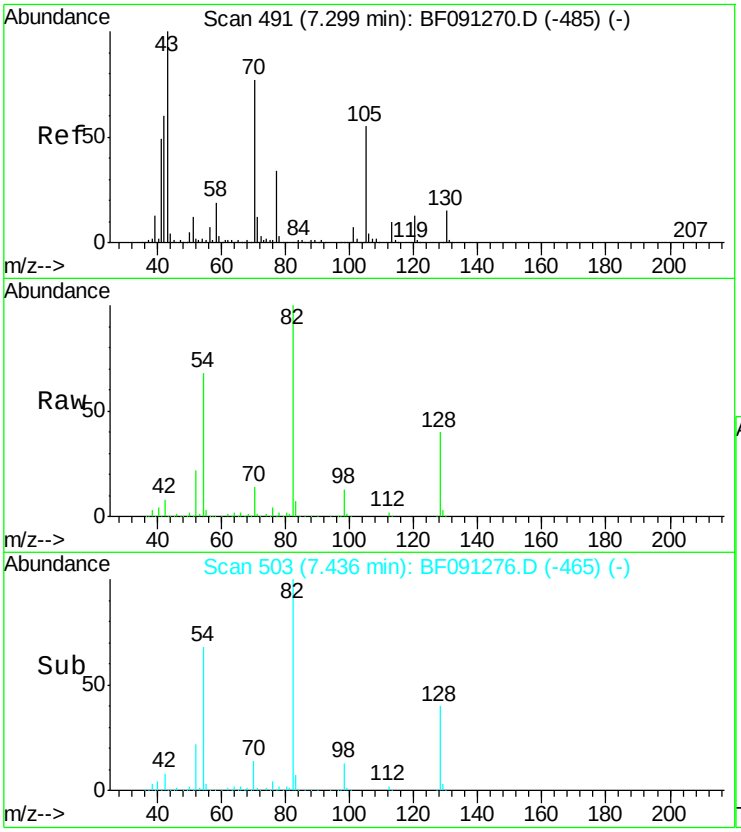


#9
Benzaldehyde
Concen: 2.27 ng
RT: 6.64 min Scan# 433
Delta R.T. 0.22 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion: 77 Resp: 27889

Ion	Ratio	Lower	Upper
77	100		
105	77.9	66.4	106.4
106	71.9	60.9	100.9



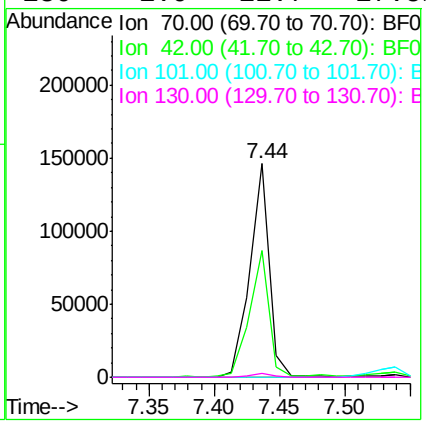


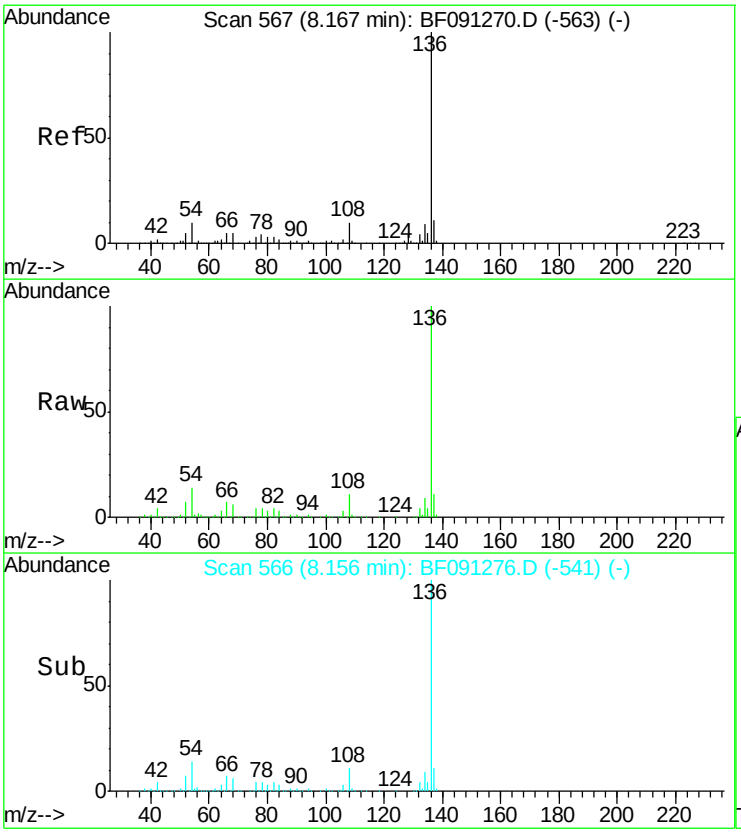
#19
n-Nitroso-di-n-propylamine
Concen: 15.27 ng
RT: 7.44 min Scan# 503
Delta R.T. 0.14 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion: 70 Resp: 152487

Ion	Ratio	Lower	Upper
70	100		
42	59.4	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#

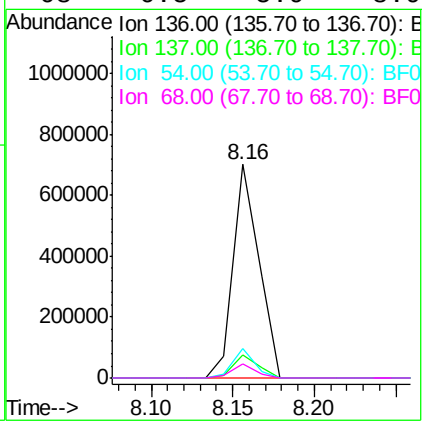


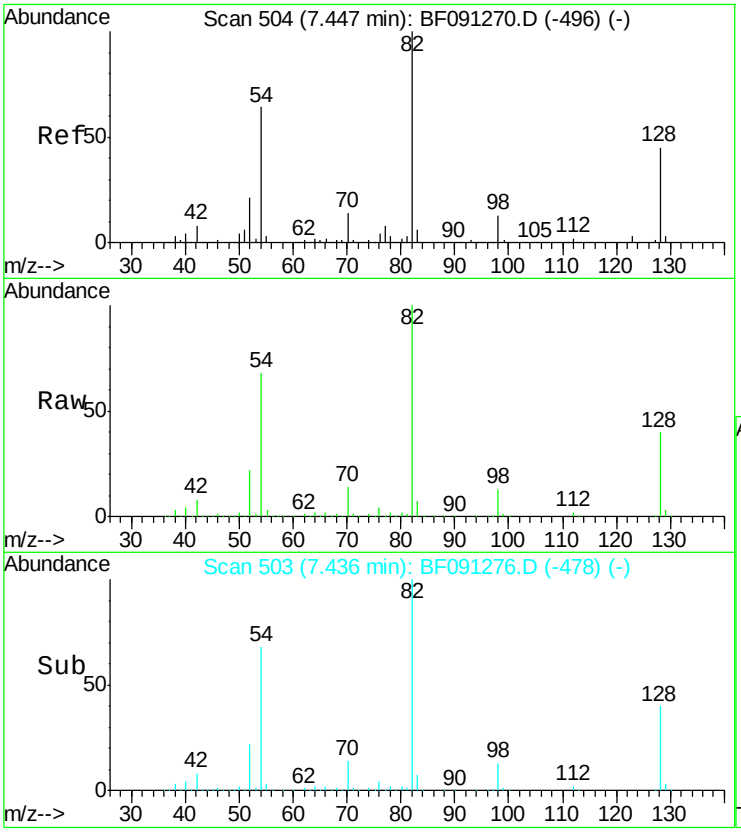


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:136 Resp: 758292

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	13.6	9.1	13.7
68	6.5	5.9	8.9



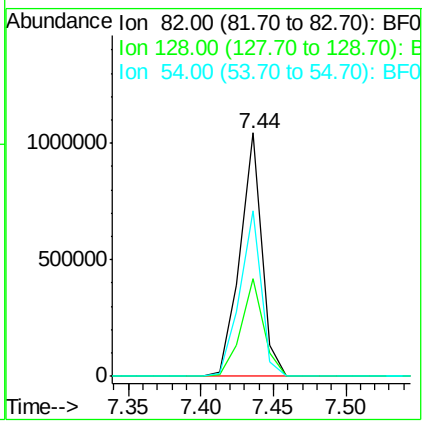


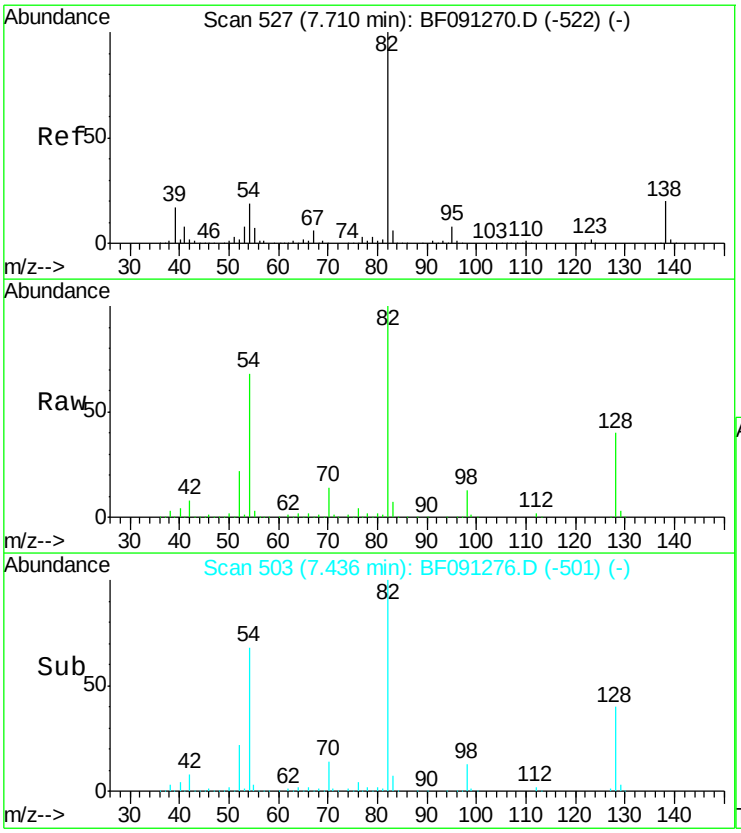
#23
Nitrobenzene-d5
Concen: 82.66 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion: 82 Resp: 1088792

Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.8	47.6
54	68.1	49.1	73.7

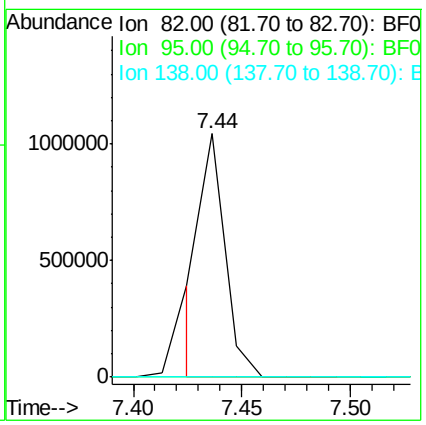


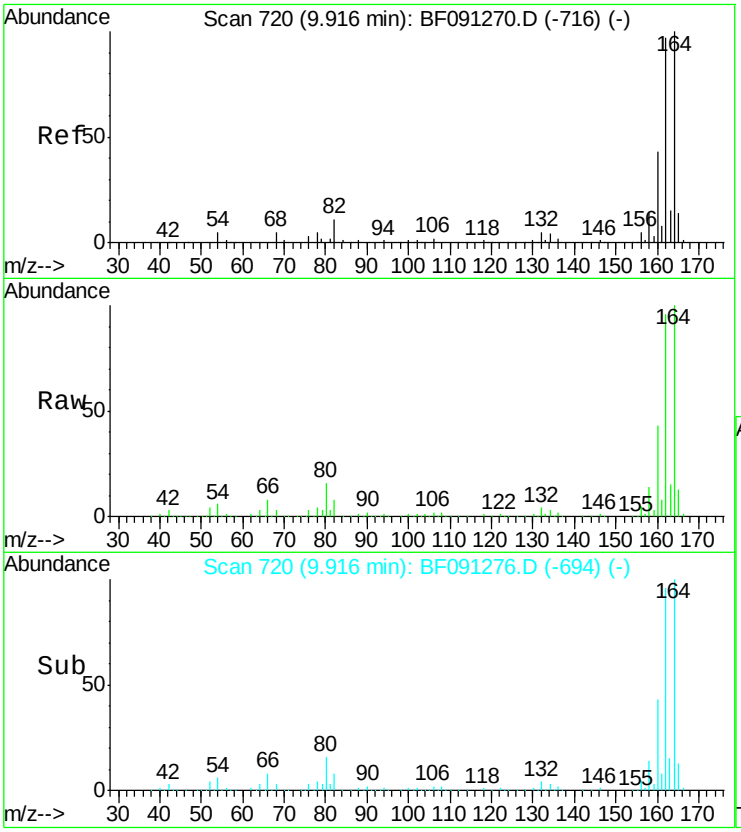


#25
Isophorone
Concen: 32.90 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.27 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion: 82 Resp: 809565

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



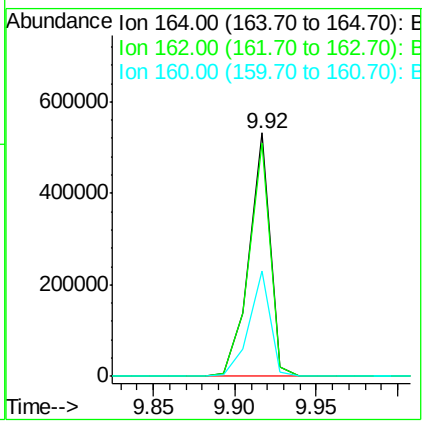


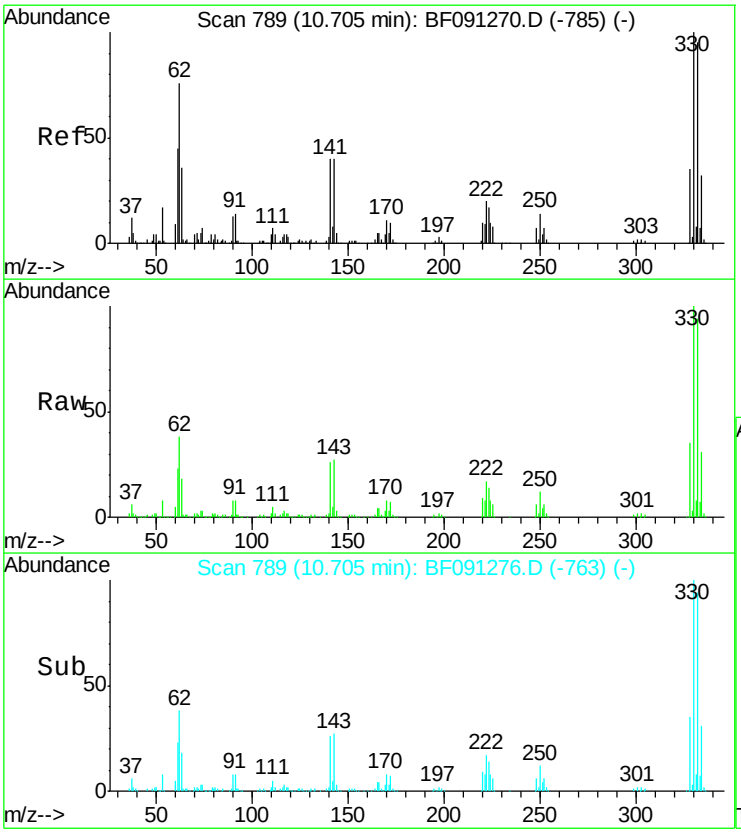
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:164 Resp: 480083

Ion	Ratio	Lower	Upper
164	100		
162	95.7	82.6	124.0
160	43.4	36.7	55.1

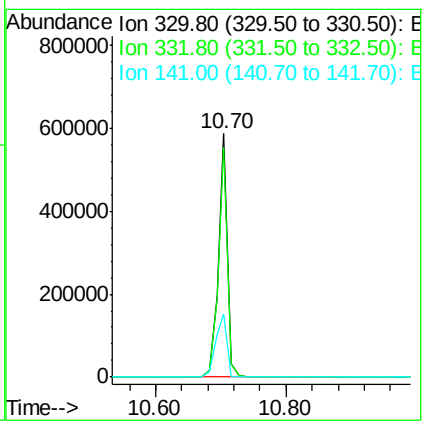


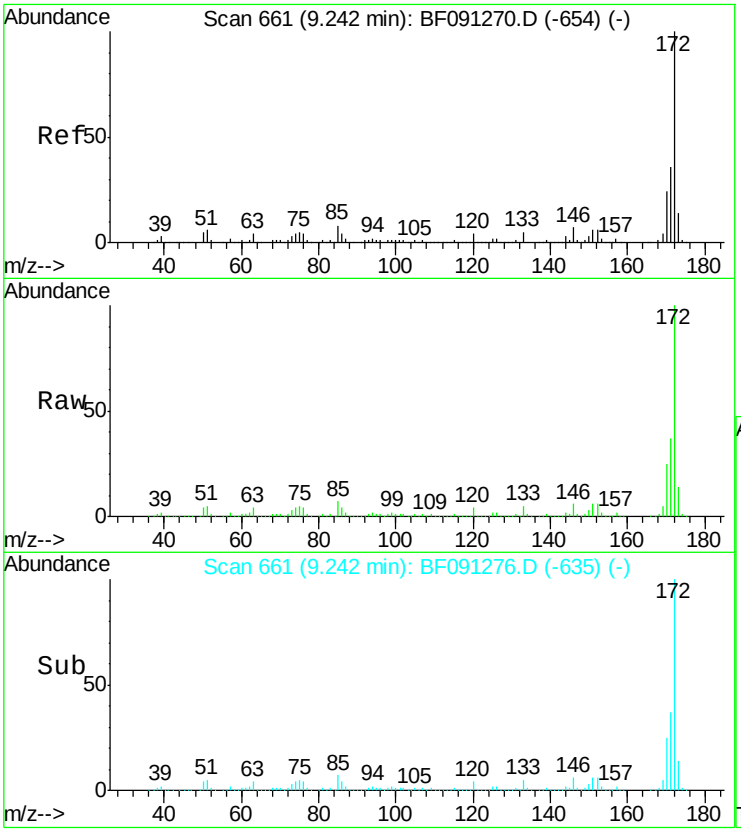


#41
2,4,6-Tribromophenol
Concen: 119.79 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:330 Resp: 579923

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	32.6	33.6	50.4#



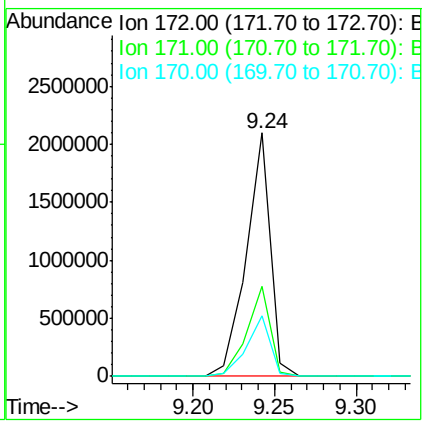


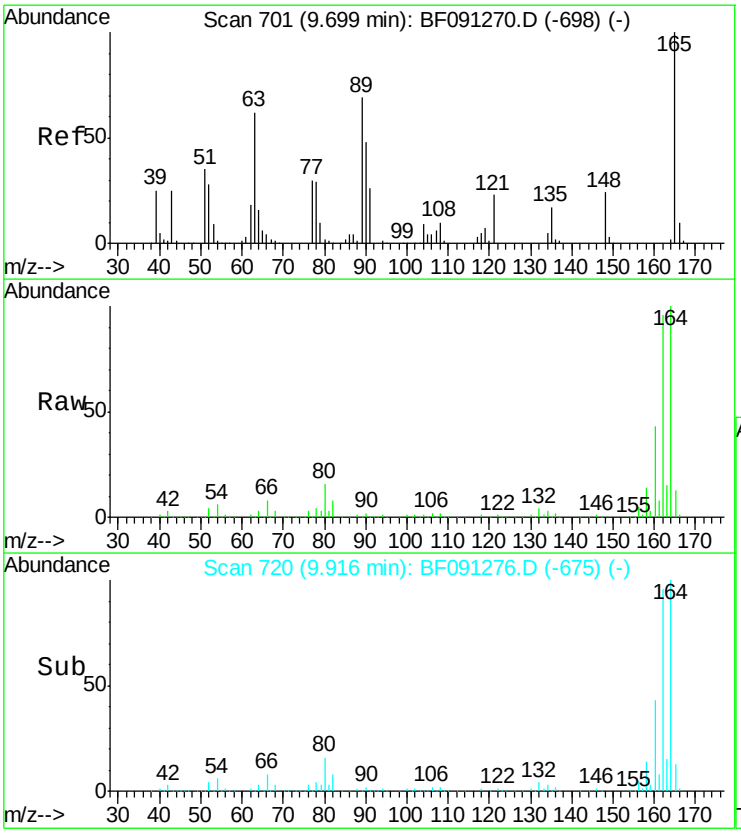
#44
2-Fluorobiphenyl
Concen: 72.84 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:172 Resp: 2135687

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.1	19.7	29.5

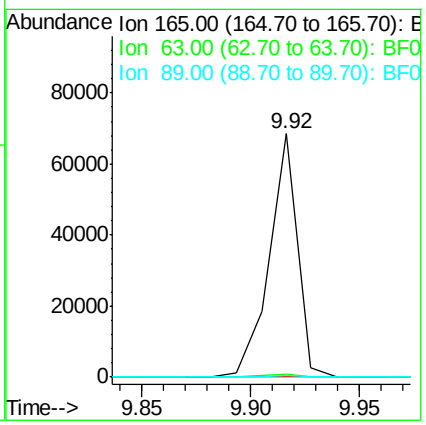


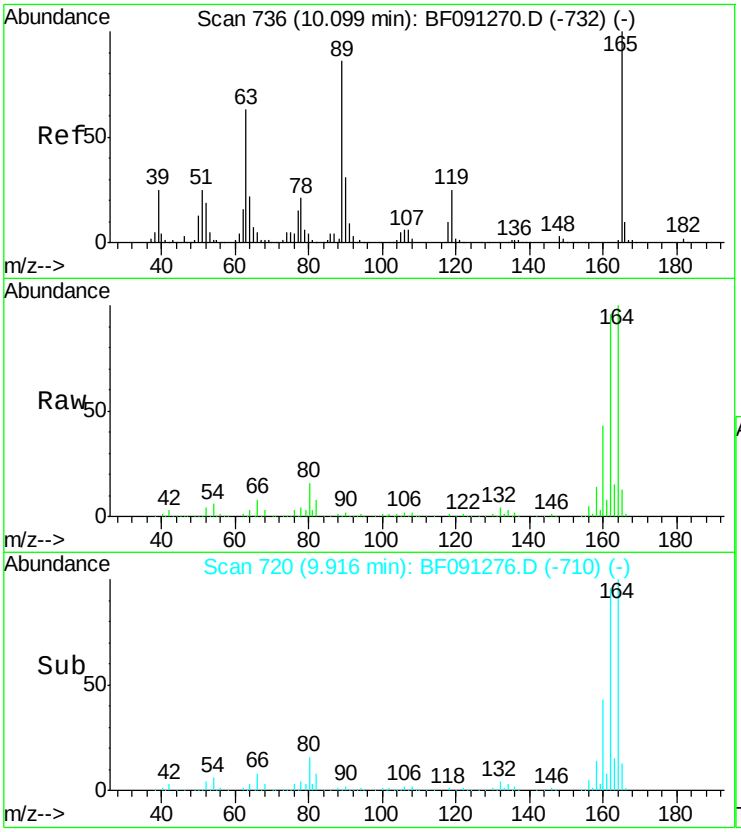


#50
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:165 Resp: 62246

Ion	Ratio	Lower	Upper
165	100		
63	1.2	59.4	89.0#
89	0.9	50.8	76.2#



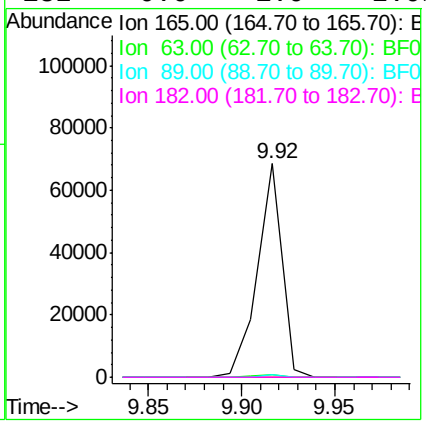


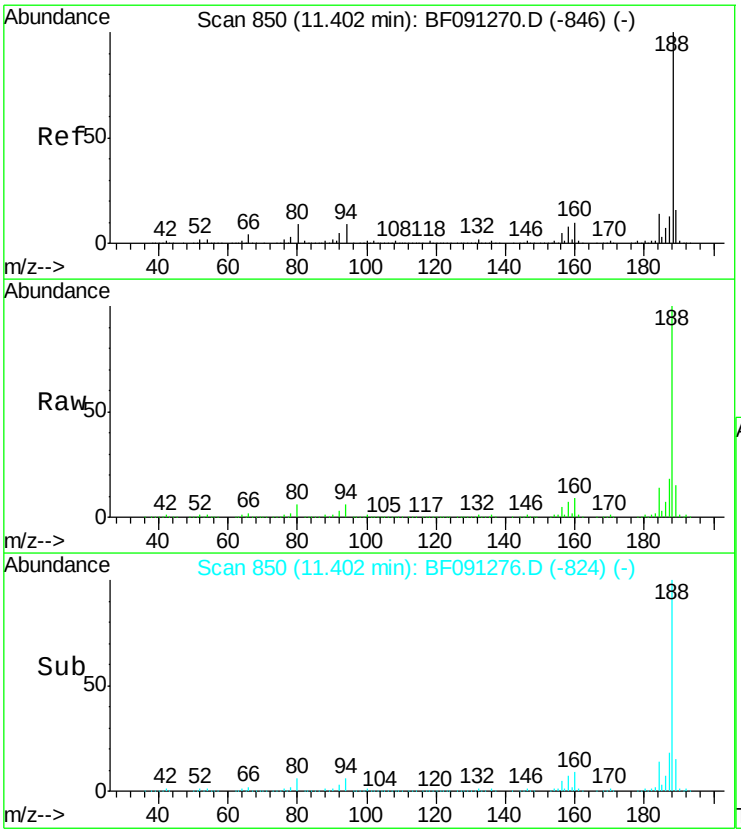
#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:165 Resp: 62235

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#

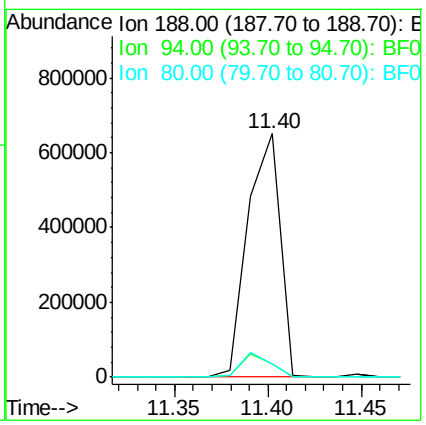


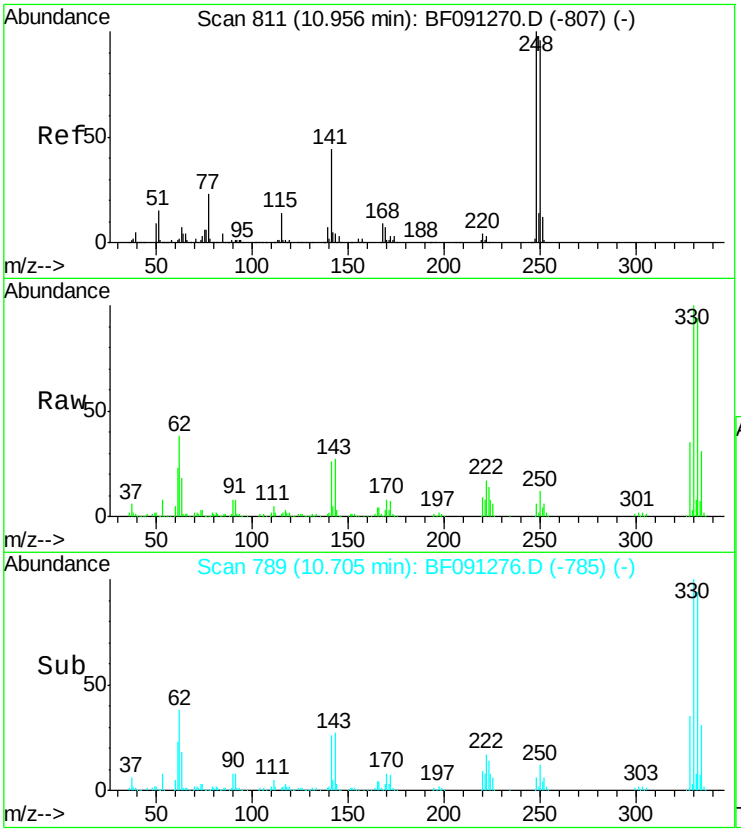


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:188 Resp: 796349

Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.2	13.8#
80	5.5	10.5	15.7#



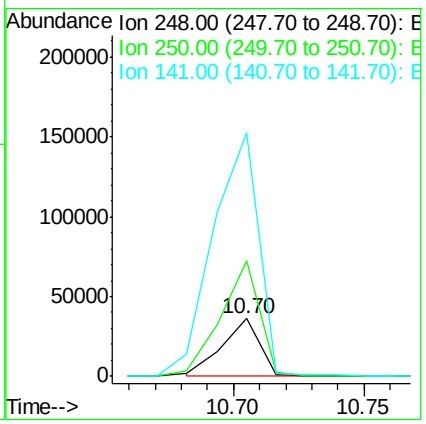


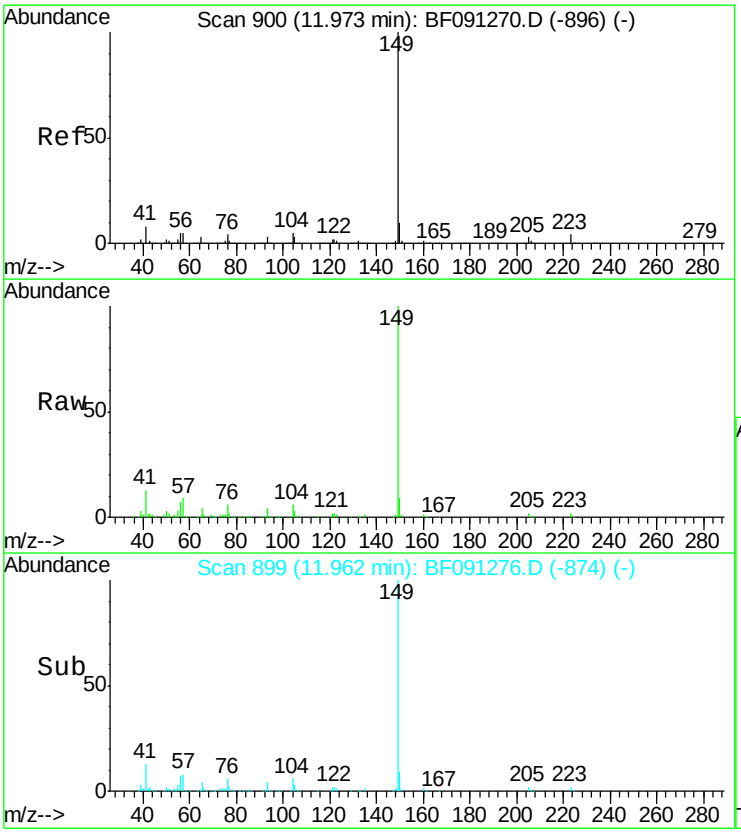
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:248 Resp: 36033

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.2	117.4#
141	420.6	71.9	107.9#

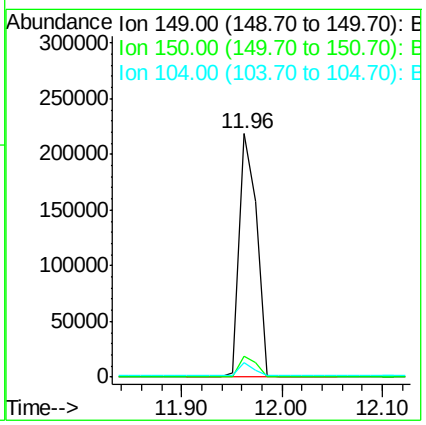


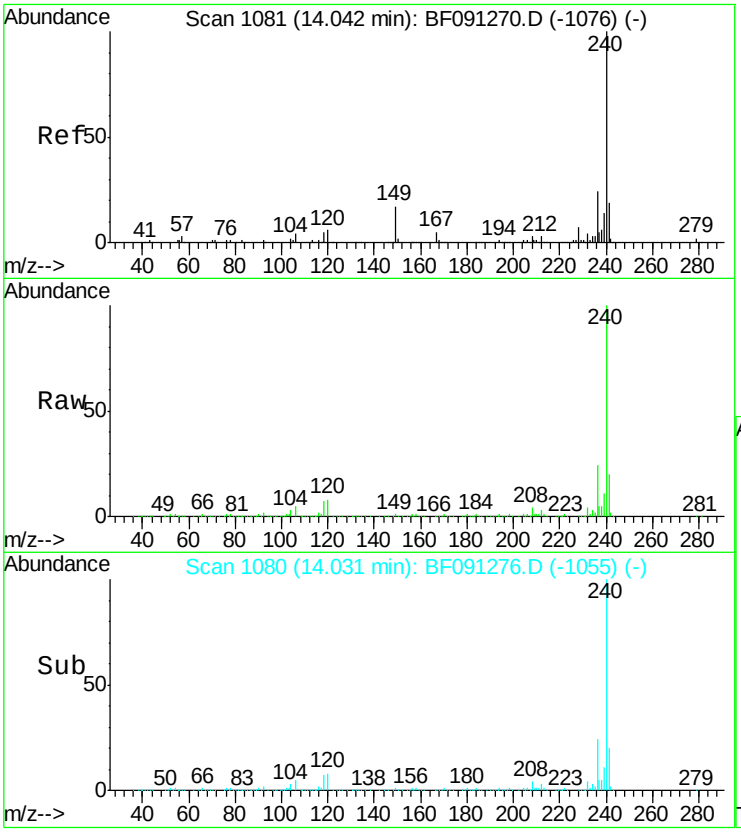


#73
Di-n-butylphthalate
Concen: 6.05 ng
RT: 11.96 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:149 Resp: 263196

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.1	4.0	6.0#



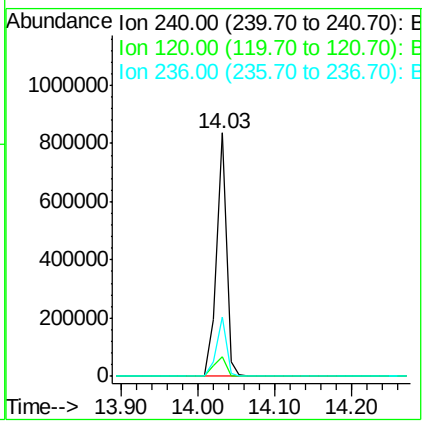


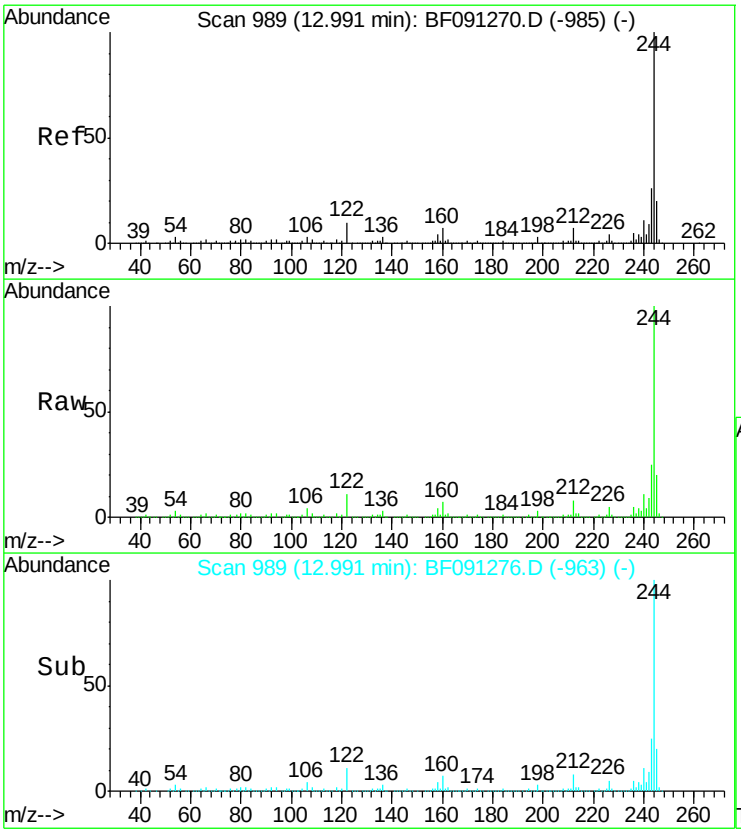
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:240 Resp: 753654

Ion	Ratio	Lower	Upper
240	100		
120	8.1	12.1	18.1#
236	24.2	21.0	31.6

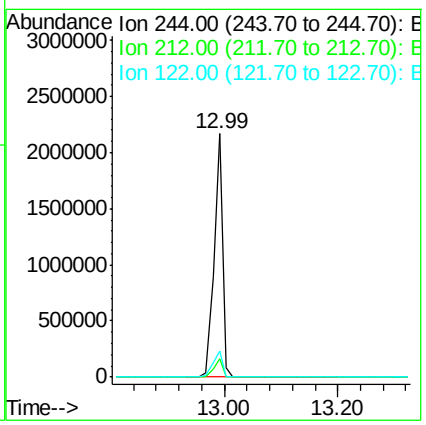


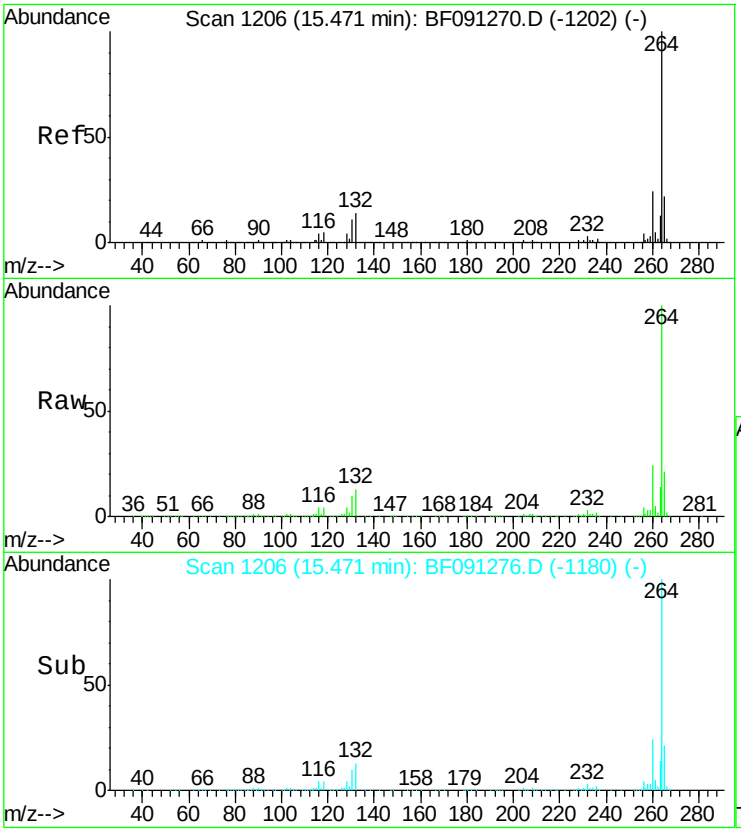


#78
Terphenyl-d14
Concen: 66.51 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Tgt Ion:244 Resp: 2194696

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.8	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion:264 Resp: 600076

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	17.0	25.6