Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091295.D
Acq On : 24 Nov 2016 00:38
Operator : UM/SJ
Sample : H5740-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05(6.8-7.8)

Quant Time: Nov 24 01:06:10 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	198184	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	824041	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	388657	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	554712	20.00	ng		0.00
75) Chrysene-d12	14.03	240	469557	20.00	ng		-0.01
86) Perylene-d12	15.47	264	399224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1385118	112.29	ng		0.02
7) Phenol-d6	6.51	99	1558393	98.33	ng		0.01
23) Nitrobenzene-d5	7.45	82	1095352	76.52	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	330862	84.42	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1560064	65.73	ng		0.00
78) Terphenyl-d14	12.99	244	1147196	55.80	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	30353	2.54	ng		84
10) Phenol	6.52	94	119533	6.76	ng		87
19) n-Nitroso-di-n-propylamine	7.45	70	149820	15.07	ng	#	67
49) Dimethylphthalate	9.63	163	70317	2.90	ng	#	95
50) 2,6-Dinitrotoluene	9.92	165	48745	9.20	ng	#	17
56) 2,4-Dinitrotoluene	9.92	165	48747	7.27	ng	#	34
66) 4-Bromophenyl-phenylether	10.70	248	20987	3.46	ng	#	1

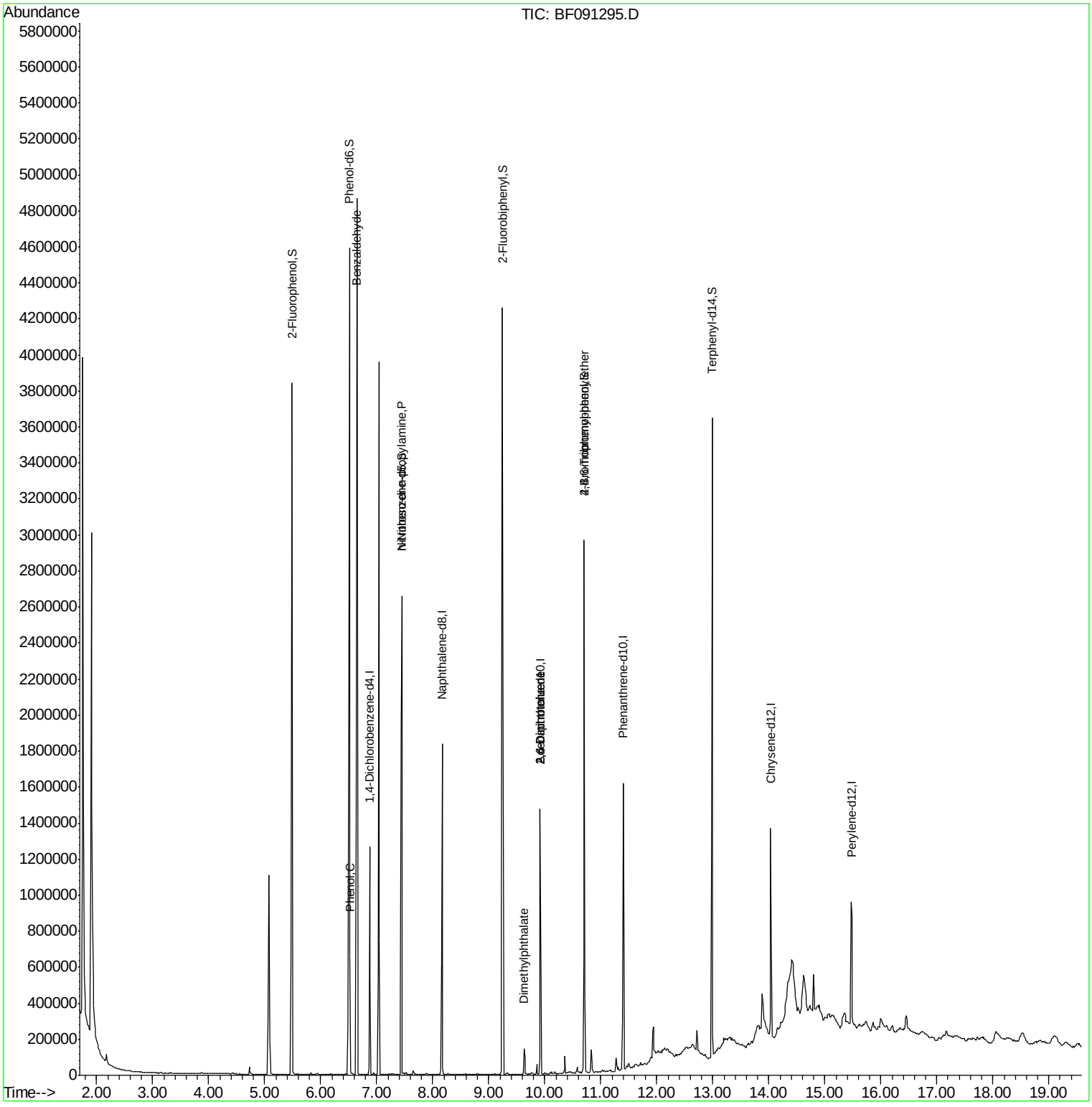
(#) = qualifier out of range (m) = manual integration (+) = signals summed

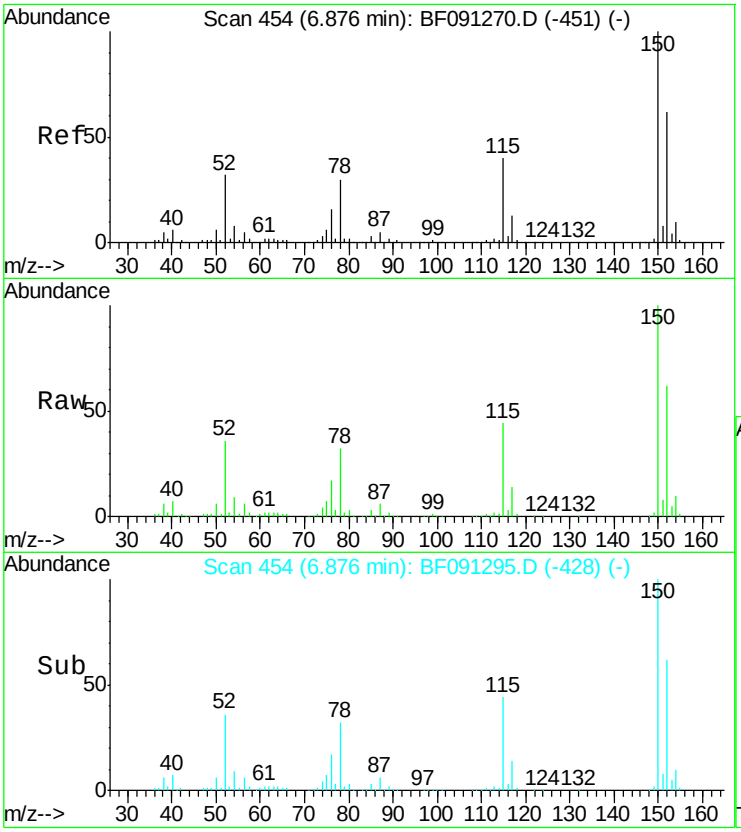
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091295.D
Acq On : 24 Nov 2016 00:38
Operator : UM/SJ
Sample : H5740-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Quant Time: Nov 24 01:06:10 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



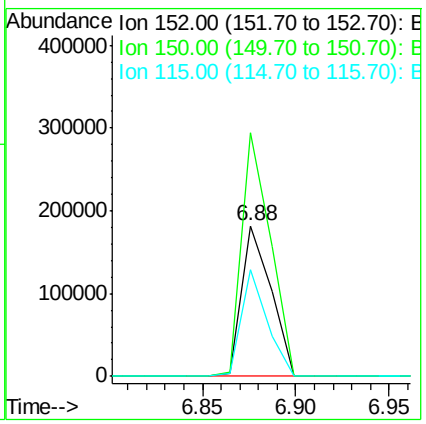


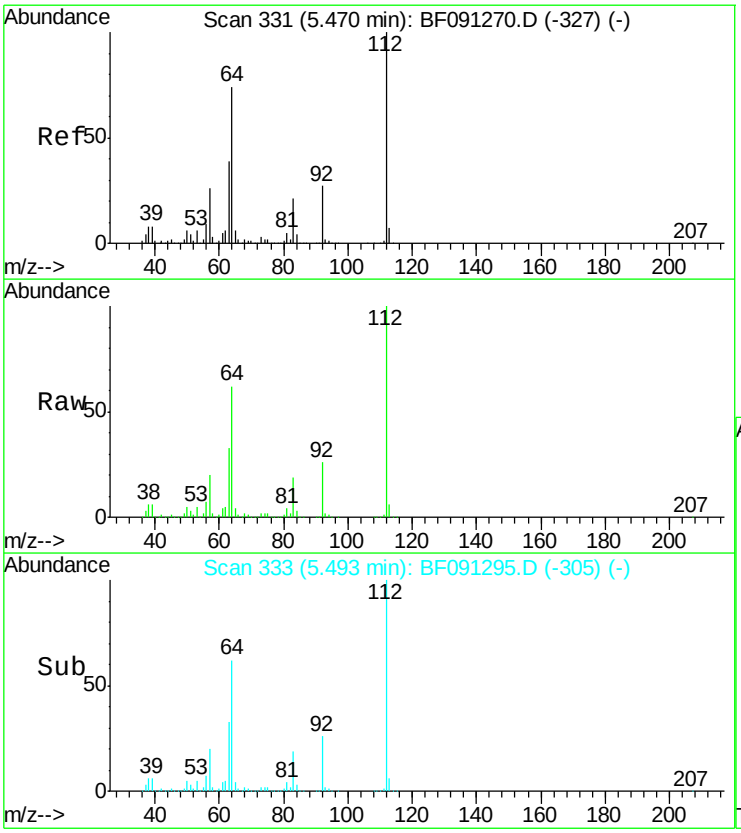
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:152 Resp: 198184

Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.5	183.7
115	71.1	51.8	77.8

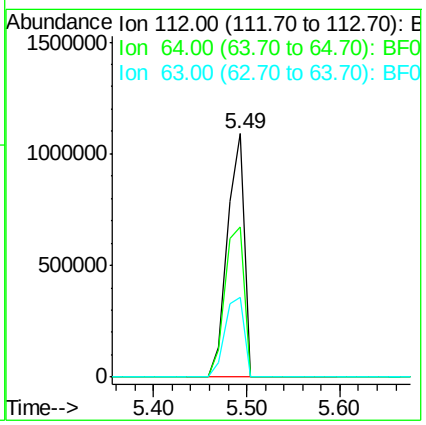


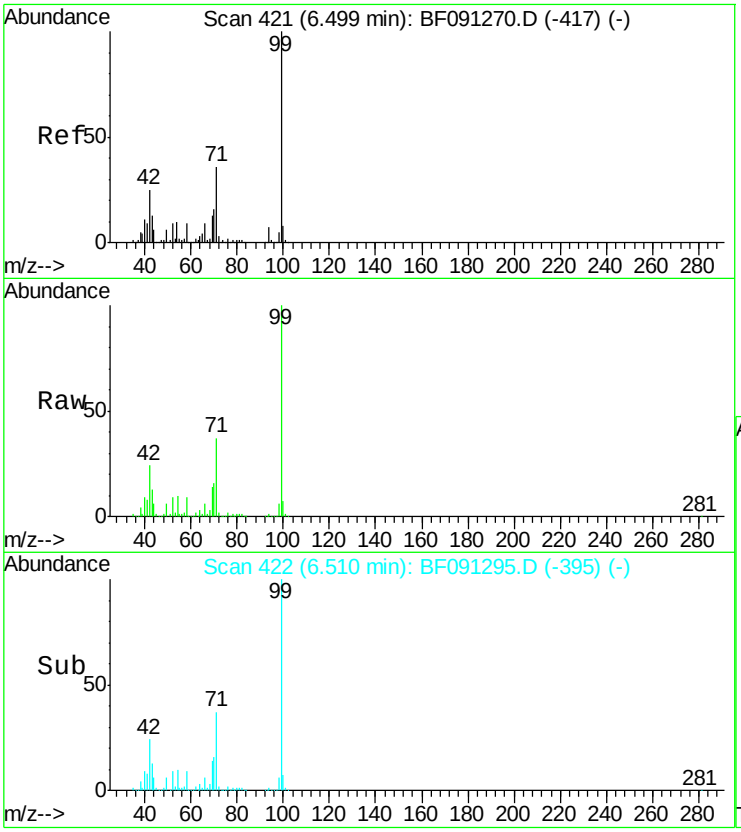


#5
2-Fluorophenol
Concen: 112.29 ng
RT: 5.49 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:112 Resp: 1385118

Ion	Ratio	Lower	Upper
112	100		
64	61.6	61.5	92.3
63	33.0	33.3	49.9#



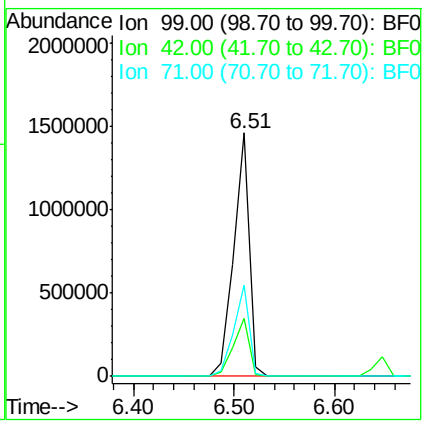


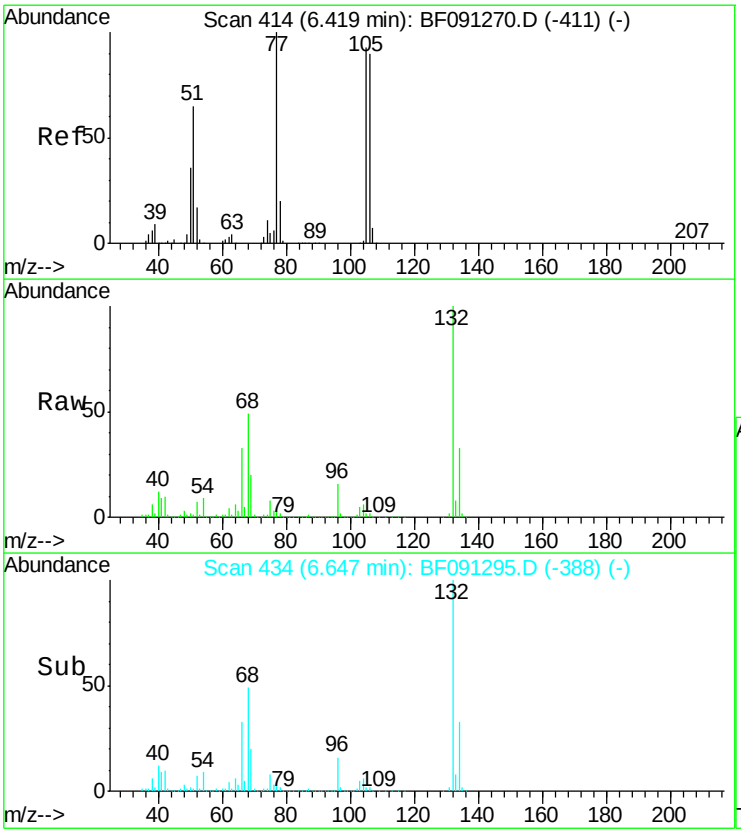
#7
Phenol-d6
Concen: 98.33 ng
RT: 6.51 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion: 99 Resp: 1558393

Ion	Ratio	Lower	Upper
99	100		
42	23.8	20.6	31.0
71	37.3	29.9	44.9

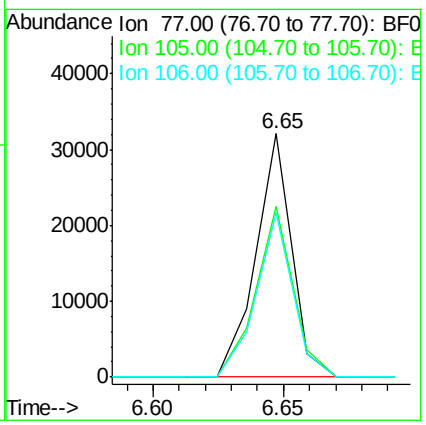


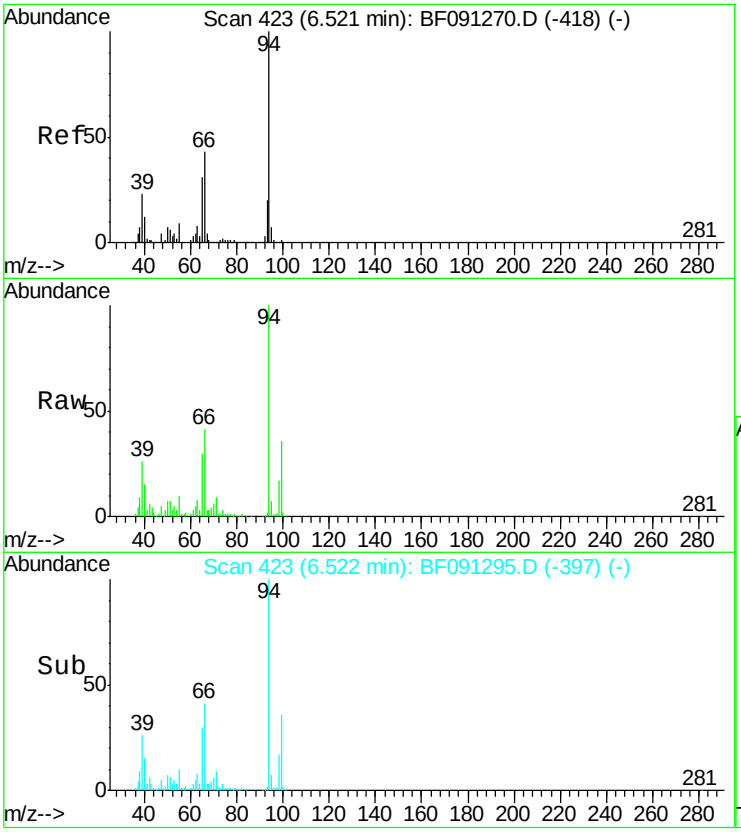


#9
Benzaldehyde
Concen: 2.54 ng
RT: 6.65 min Scan# 434
Delta R.T. 0.23 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion: 77 Resp: 30353

Ion	Ratio	Lower	Upper
77	100		
105	70.2	66.4	106.4
106	67.5	60.9	100.9



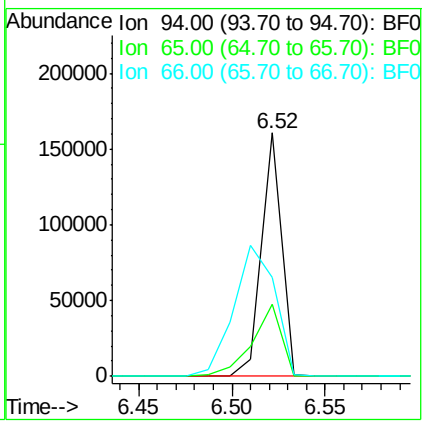


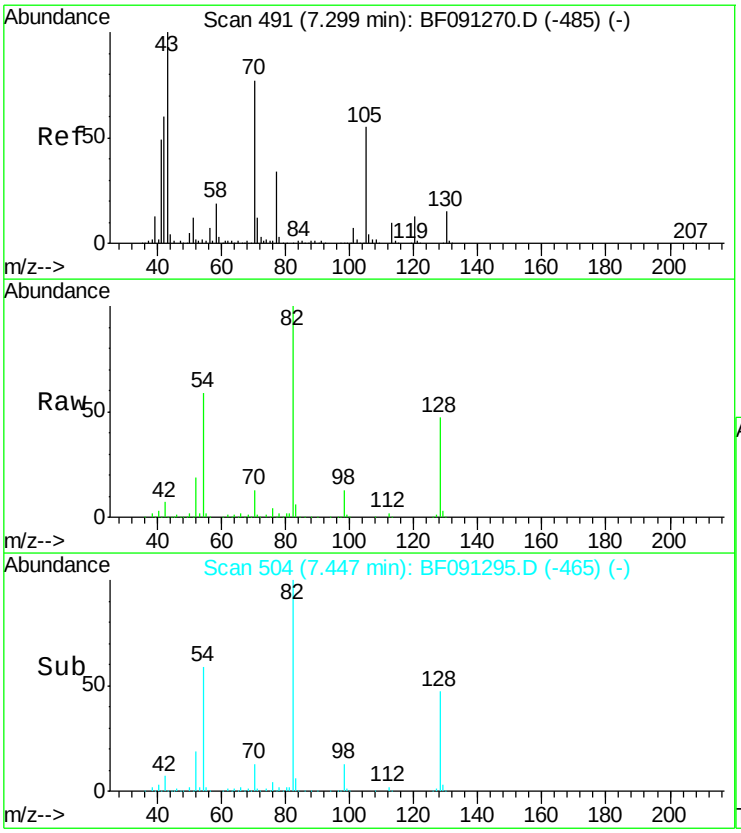
#10
Phenol
Concen: 6.76 ng
RT: 6.52 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion: 94 Resp: 119533

Ion	Ratio	Lower	Upper
94	100		
65	29.8	16.9	56.9
66	40.9	30.6	70.6

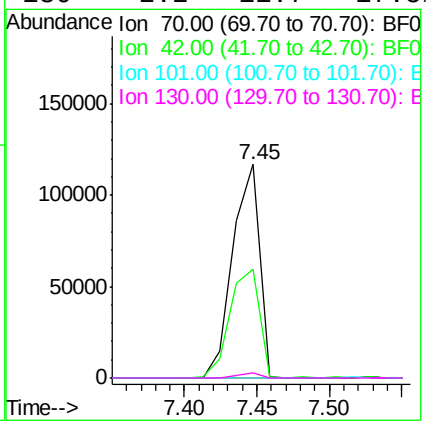


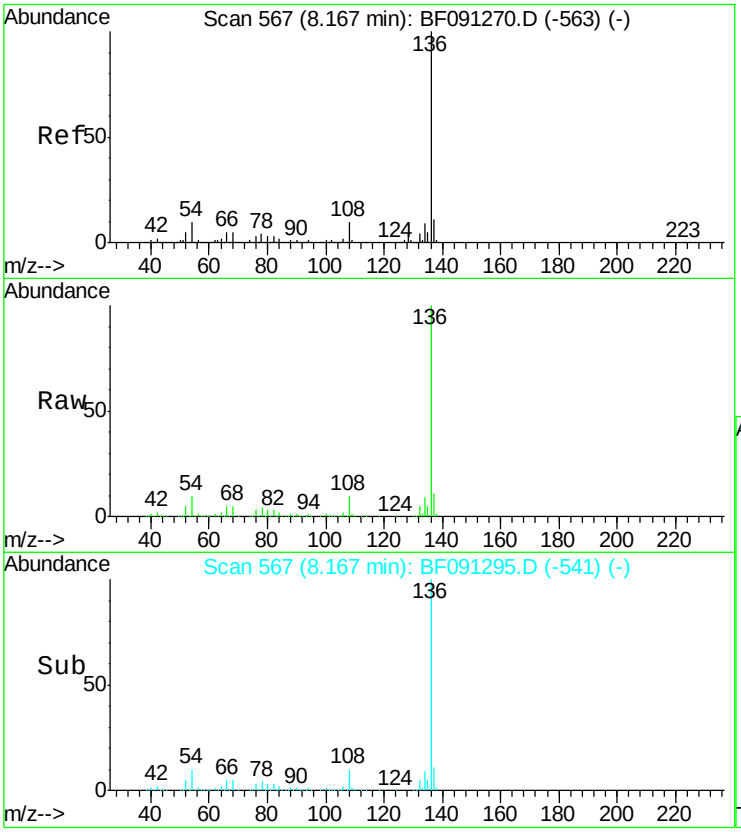


#19
n-Nitroso-di-n-propylamine
Concen: 15.07 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.15 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion: 70 Resp: 149820

Ion	Ratio	Lower	Upper
70	100		
42	50.8	64.8	97.2#
101	0.0	6.2	9.4#
130	2.2	11.7	17.5#



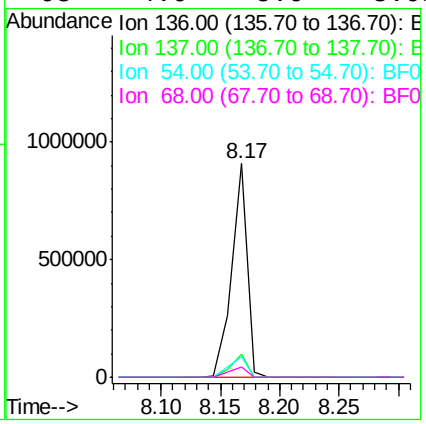


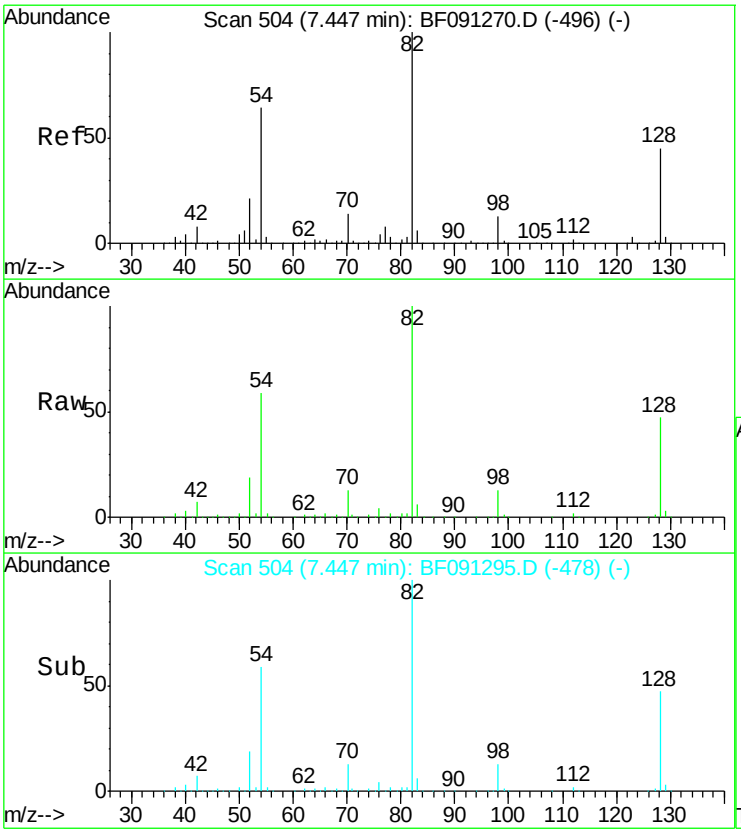
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:136 Resp: 824041

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.6	9.1	13.7
68	4.9	5.9	8.9#

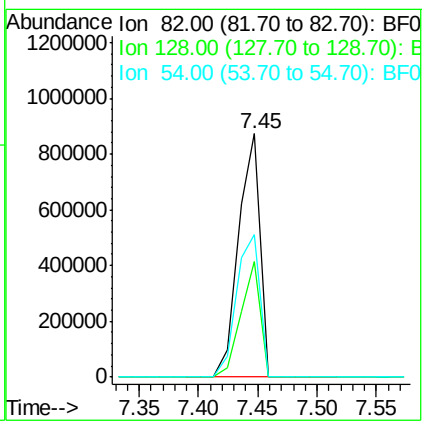


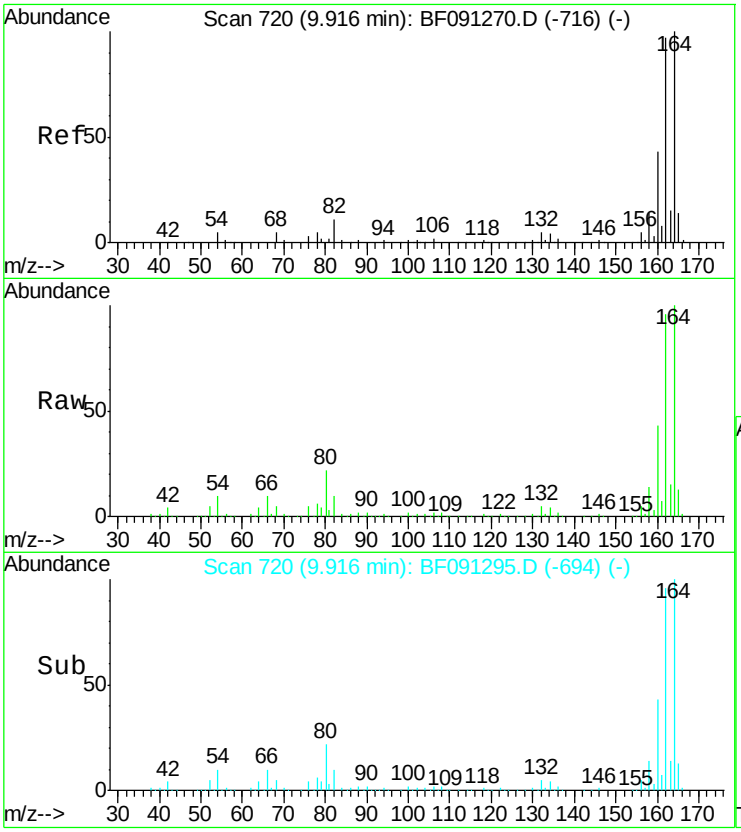


#23
Nitrobenzene-d5
Concen: 76.52 ng
RT: 7.45 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion: 82 Resp: 1095352

Ion	Ratio	Lower	Upper
82	100		
128	47.4	31.8	47.6
54	58.5	49.1	73.7



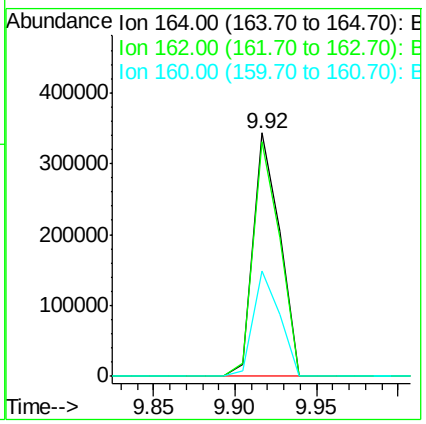


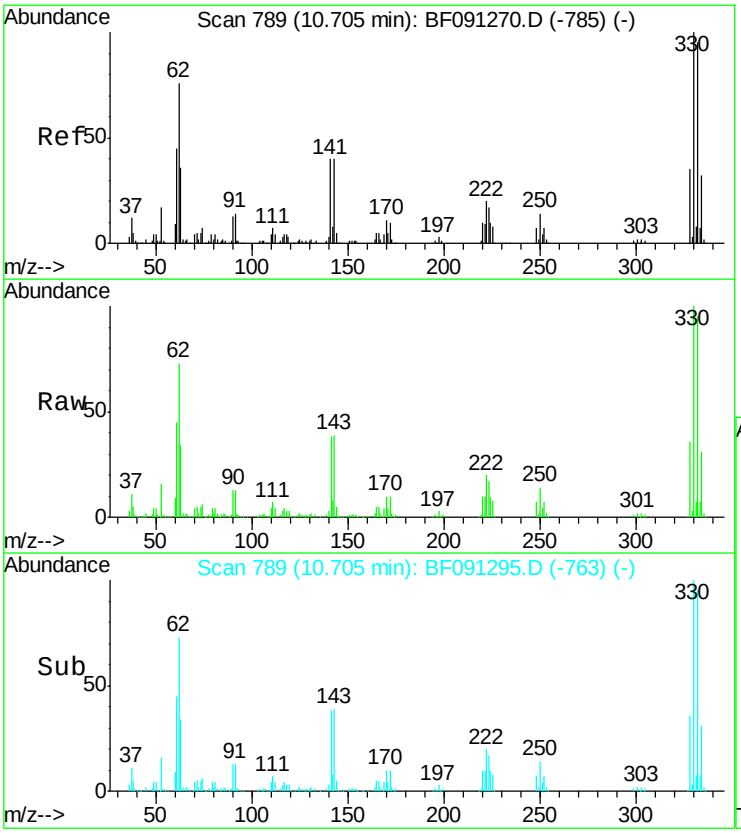
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:164 Resp: 388657

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.6	124.0
160	43.1	36.7	55.1

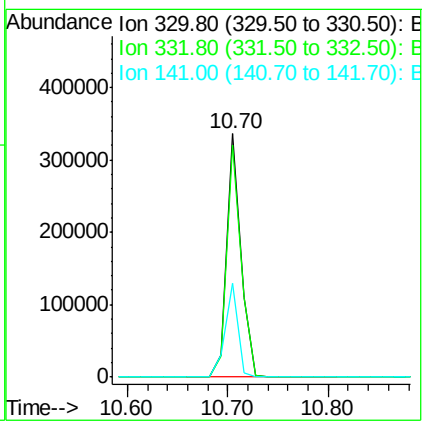


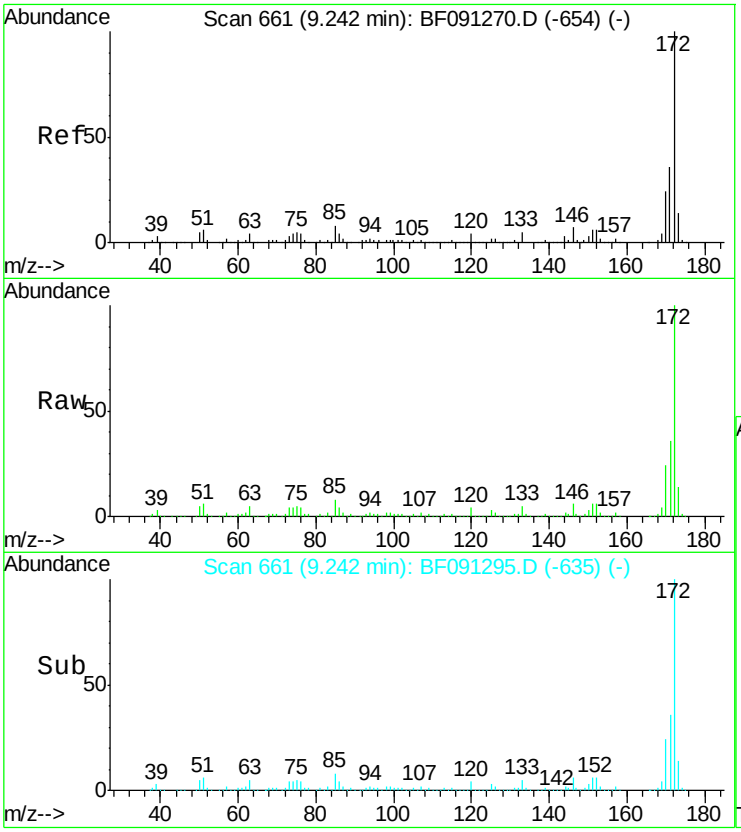


#41
2,4,6-Tribromophenol
Concen: 84.42 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:330 Resp: 330862

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.4
141	34.4	33.6	50.4



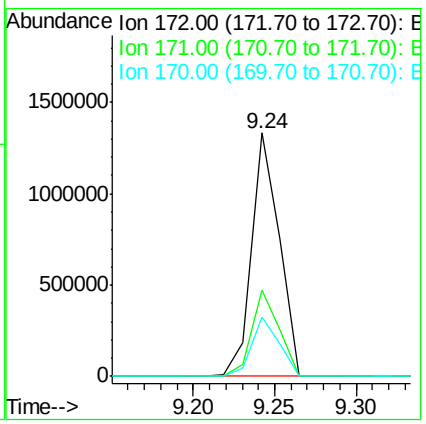


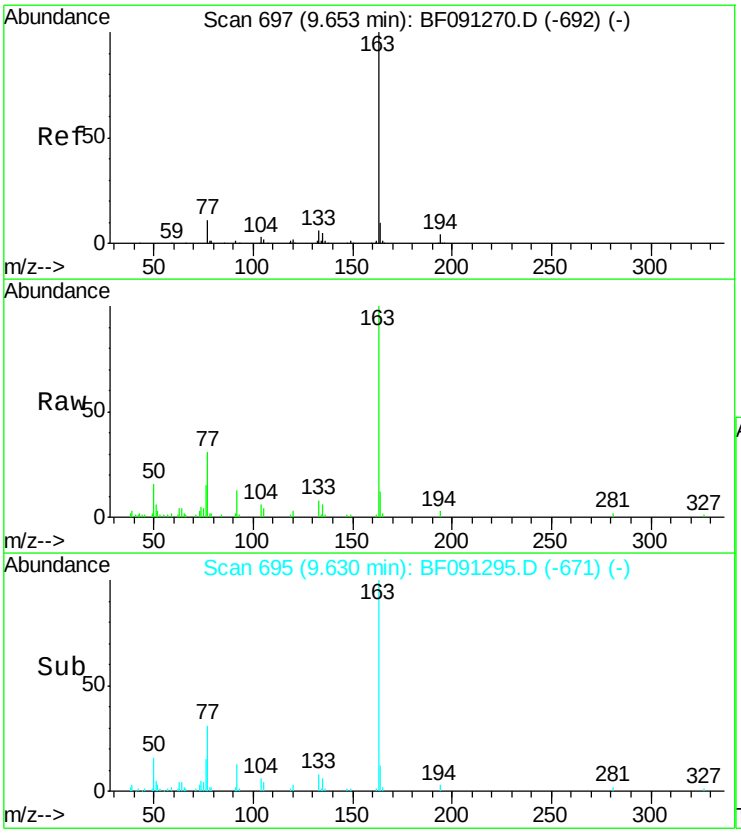
#44
2-Fluorobiphenyl
Concen: 65.73 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:172 Resp: 1560064

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.3	19.7	29.5

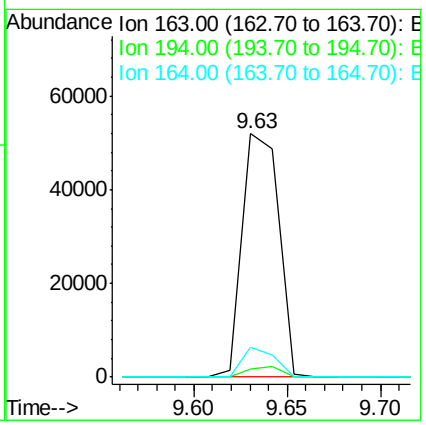


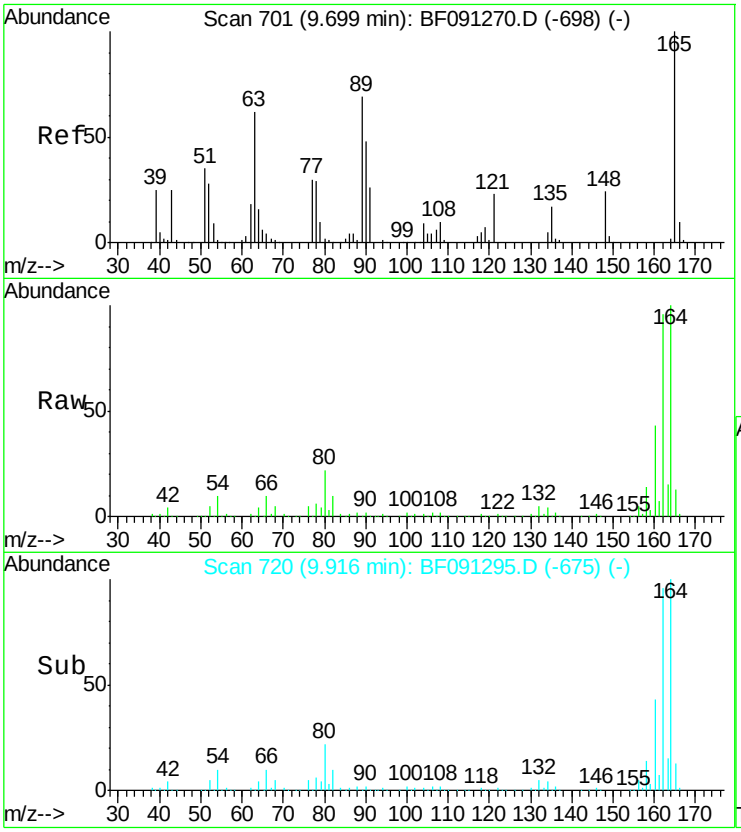


#49
Dimethylphthalate
Concen: 2.90 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:163 Resp: 70317

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	12.1	7.8	11.8#



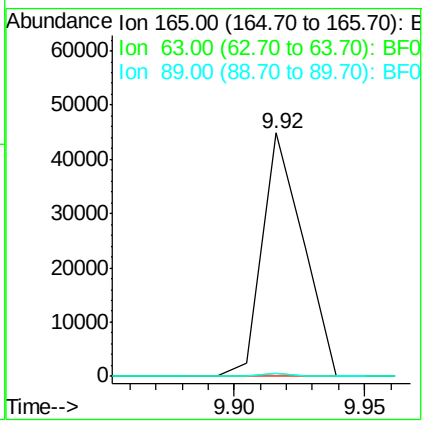


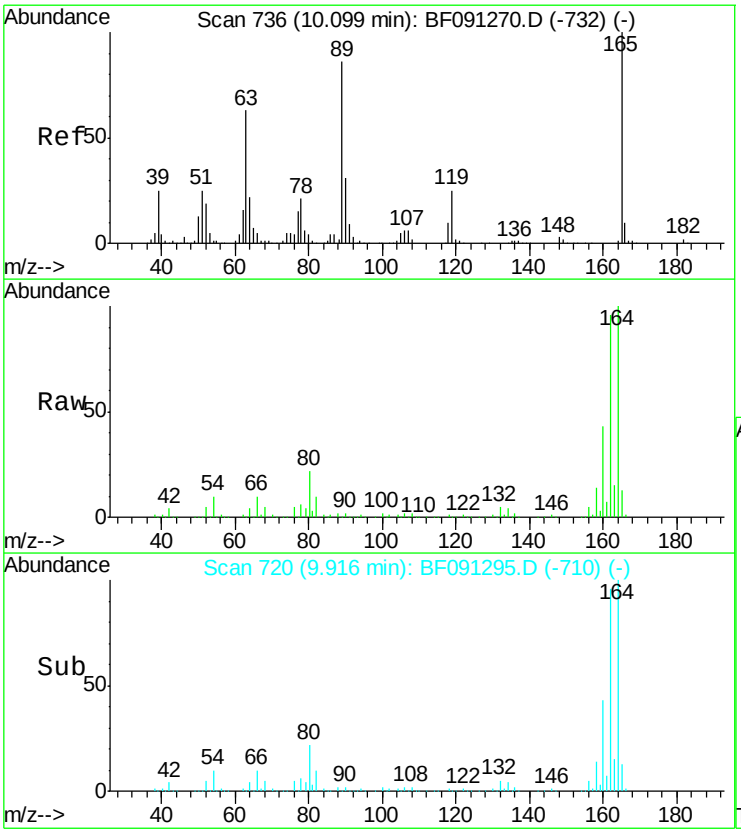
#50
2,6-Dinitrotoluene
Concen: 9.20 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:165 Resp: 48745

Ion	Ratio	Lower	Upper
165	100		
63	1.1	59.4	89.0#
89	1.3	50.8	76.2#

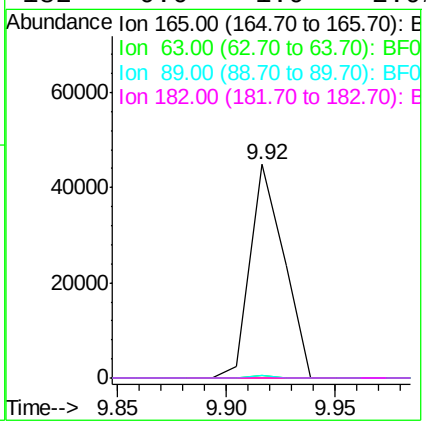


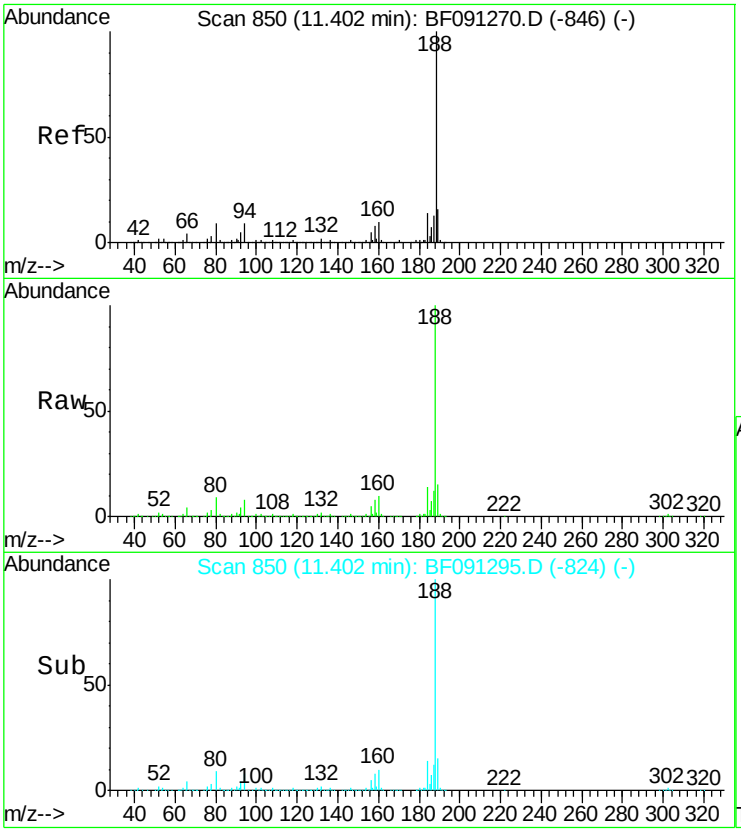


#56
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:165 Resp: 48747

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#



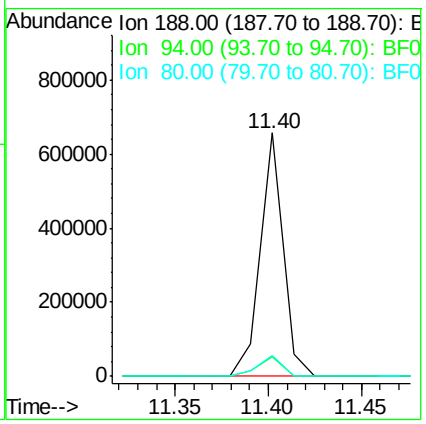


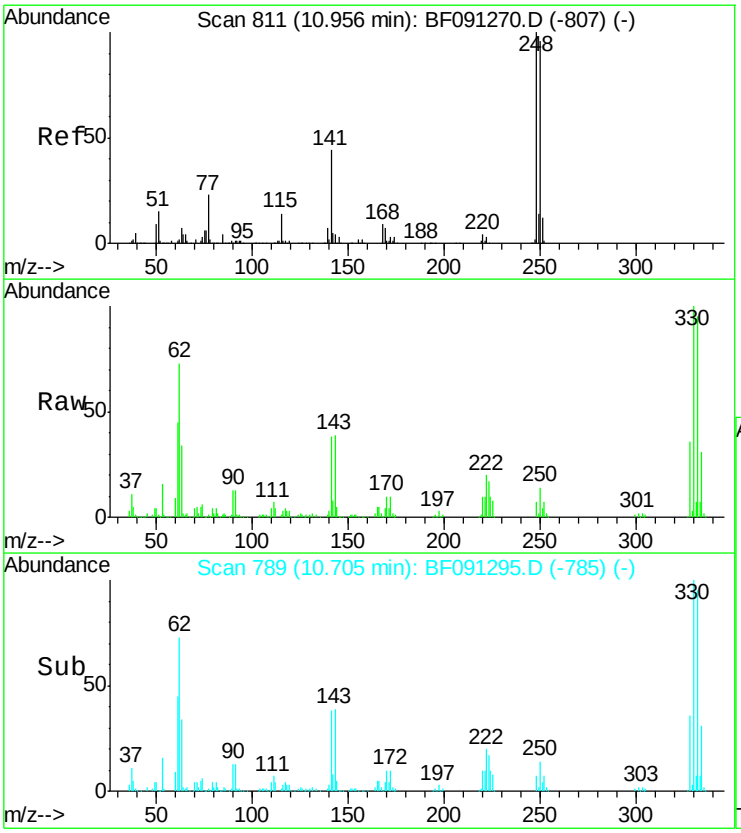
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:188 Resp: 554712

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.2	13.8#
80	8.7	10.5	15.7#

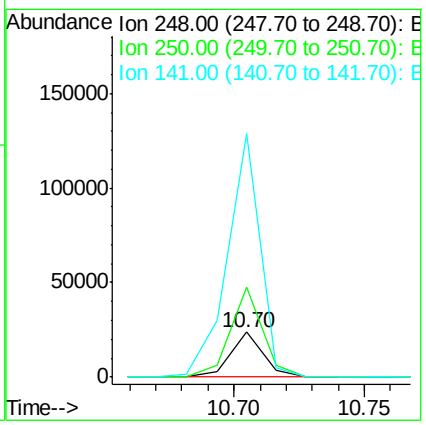


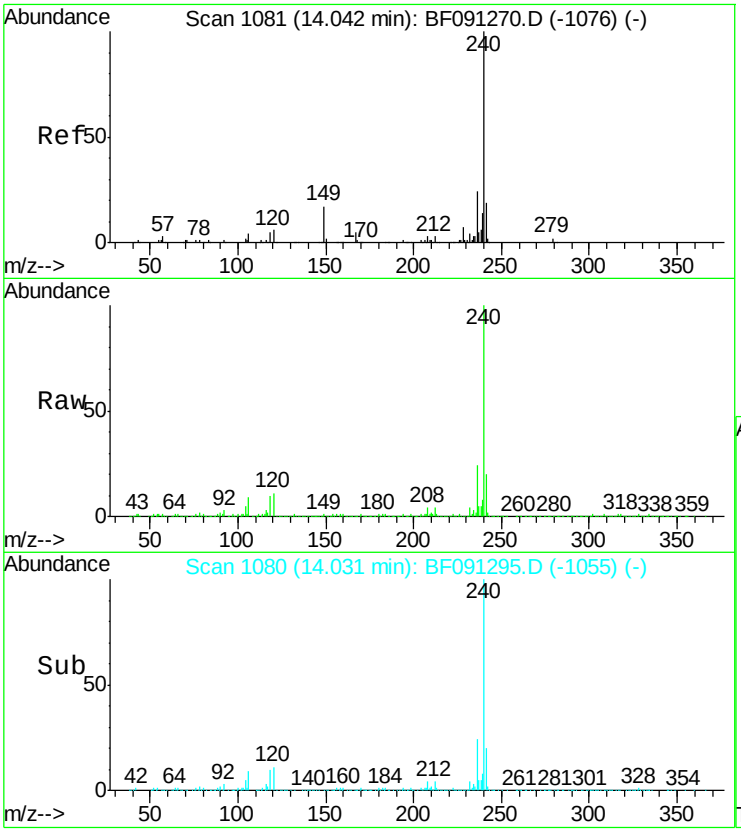


#66
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:248 Resp: 20987

Ion	Ratio	Lower	Upper
248	100		
250	199.9	78.2	117.4#
141	539.6	71.9	107.9#



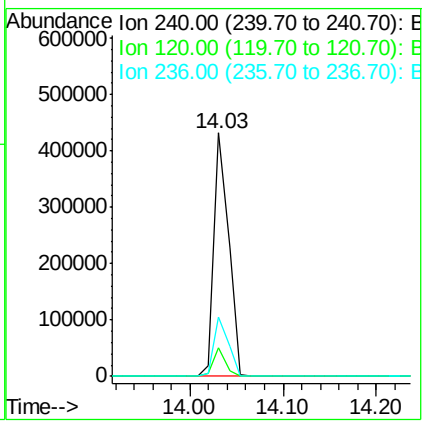


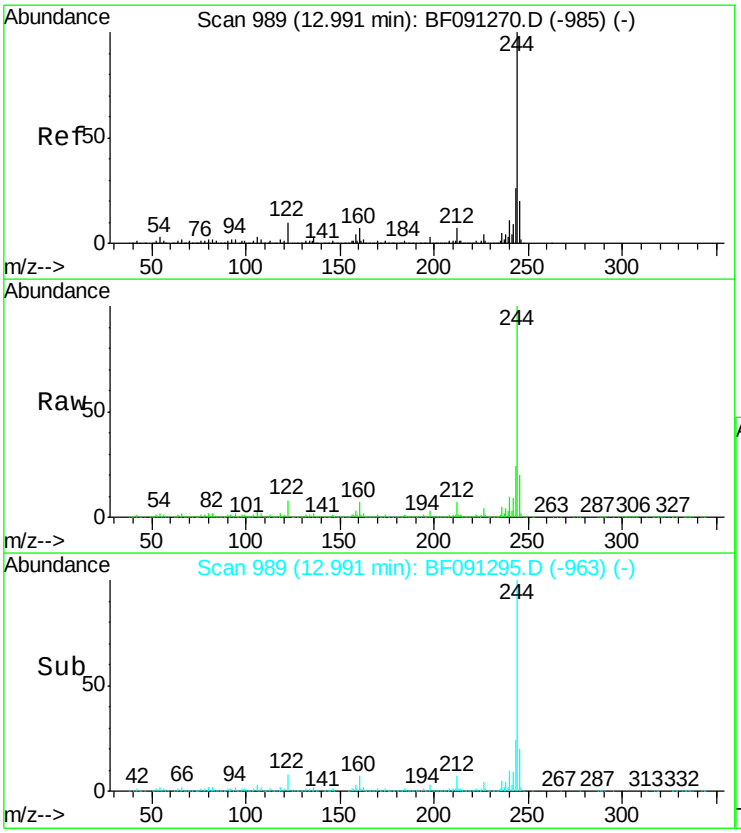
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:240 Resp: 469557

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.1	18.1#
236	24.5	21.0	31.6

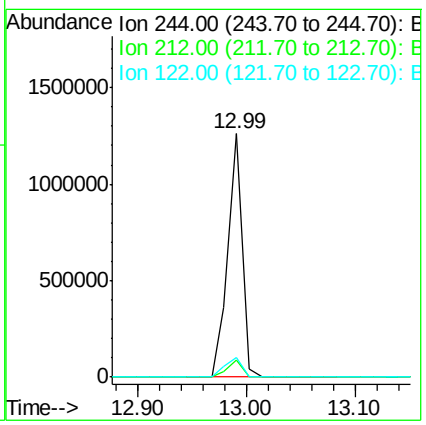


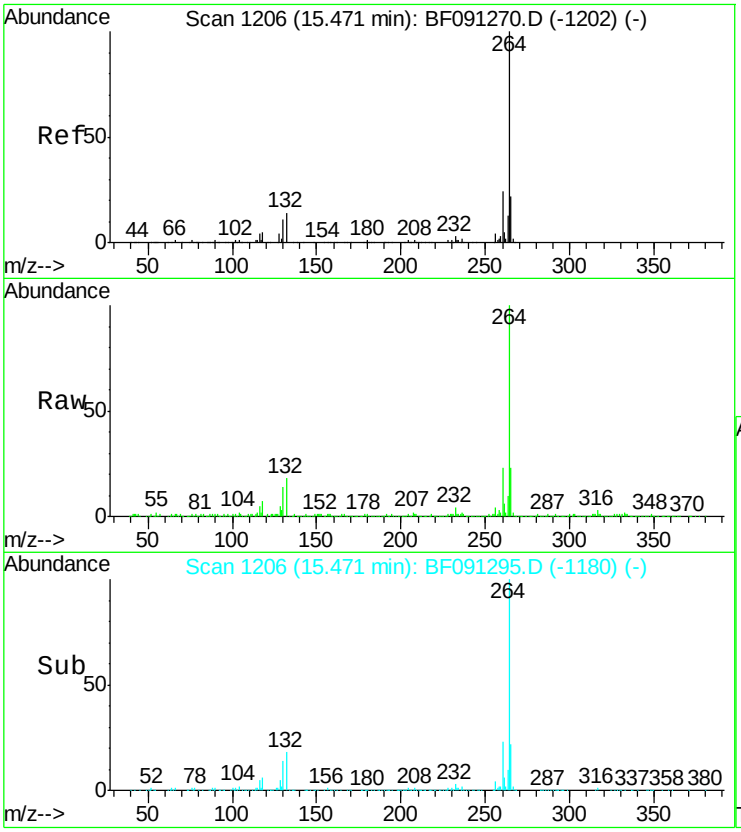


#78
Terphenyl-d14
Concen: 55.80 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091295.D
Acq: 24 Nov 2016 00:38

Tgt Ion:244 Resp: 1147196

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.5	9.7
122	8.2	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: BF091295.D
Acq: 24 Nov 2016 00:38

Instrument :
BNA_F
ClientSampleId :
SB-05(6.8-7.8)

Tgt Ion:264 Resp: 399224

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.8	17.0	25.6