Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
Data File : BF091973.D
Acq On : 27 Dec 2016 17:47
Operator : UM/SJ
Sample : H6241-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Time: Dec 28 00:00:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	294946	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	1231903	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	620840	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	1015211	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	782792	20.00	ng	-0.02
86) Perylene-d12	15.29	264	529433	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1269663	71.88	ng	0.01
7) Phenol-d6	6.40	99	1194217	55.37	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1833938	82.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	662154	128.88	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	3216765	109.95	ng	-0.01
78) Terphenyl-d14	12.84	244	2557593	79.24	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	27116	3.12	ng	# 94
9) Benzaldehyde	6.51	77	51183	2.95	ng	# 71
19) n-Nitroso-di-n-propylamine	7.30	70	243829	16.99	ng	# 76
50) 2,6-Dinitrotoluene	9.77	165	82438	9.49	ng	# 30
56) 2,4-Dinitrotoluene	9.77	165	82441	7.56	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	43867	4.15	ng	# 1
71) Anthracene	11.28	178	1322	Below Cal		# 59
73) Di-n-butylphthalate	11.82	149	10248	Below Cal		# 96
74) Fluoranthene	12.46	202	481	Below Cal		61

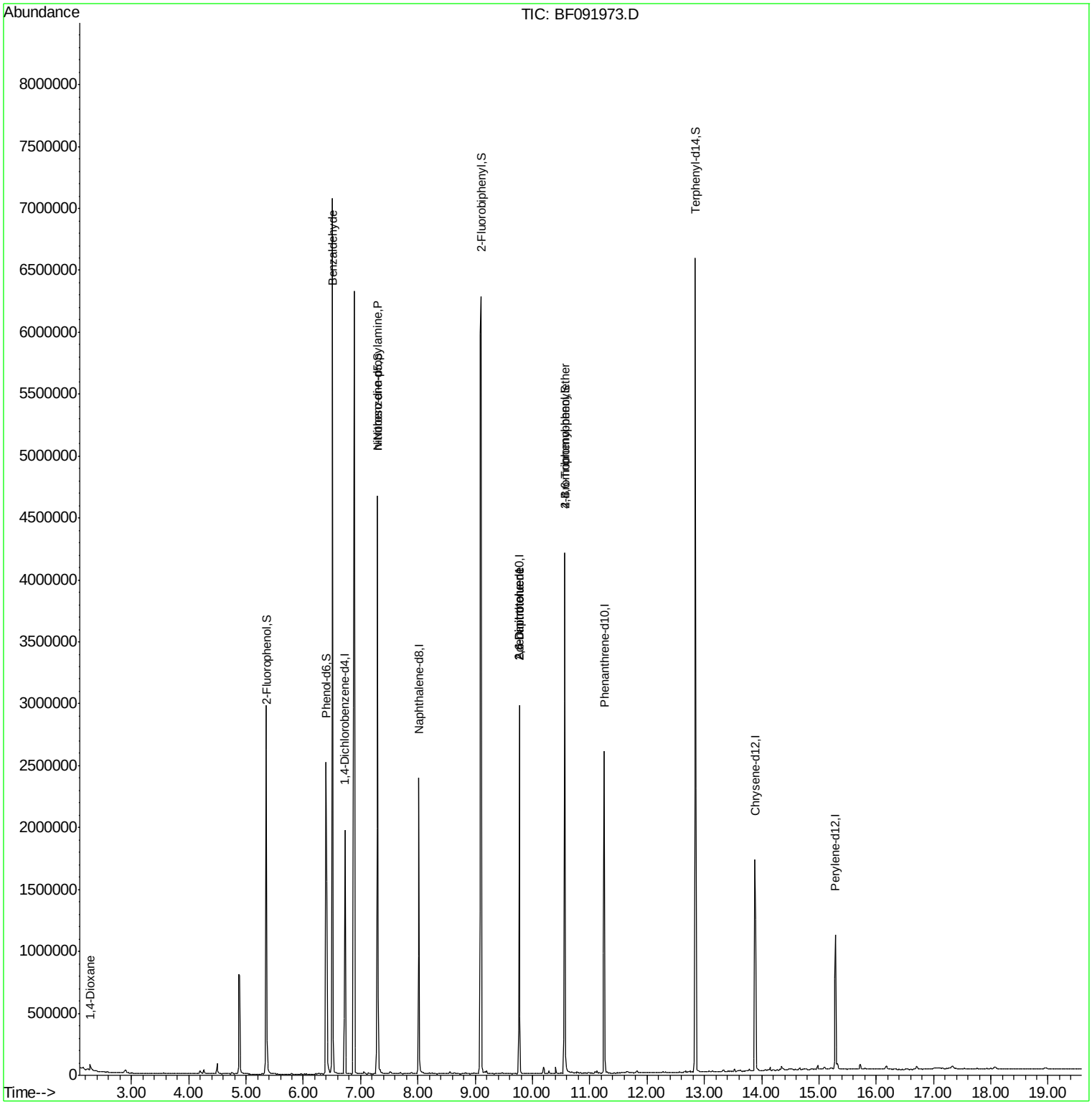
(#) = qualifier out of range (m) = manual integration (+) = signals summed

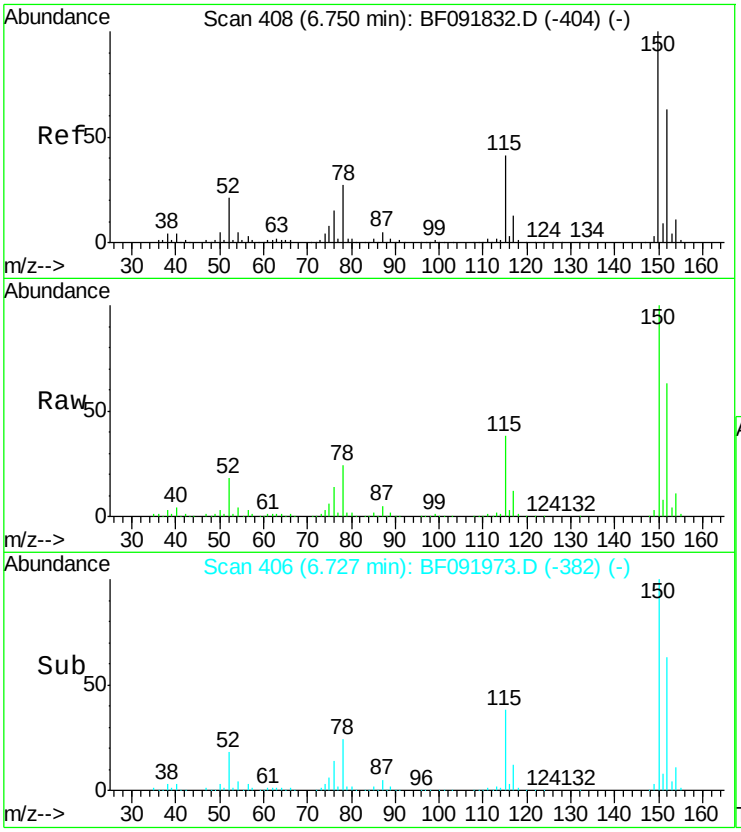
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
Data File : BF091973.D
Acq On : 27 Dec 2016 17:47
Operator : UM/SJ
Sample : H6241-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3

Quant Time: Dec 28 00:00:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration



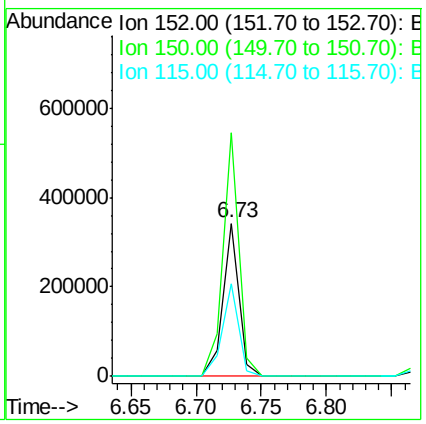


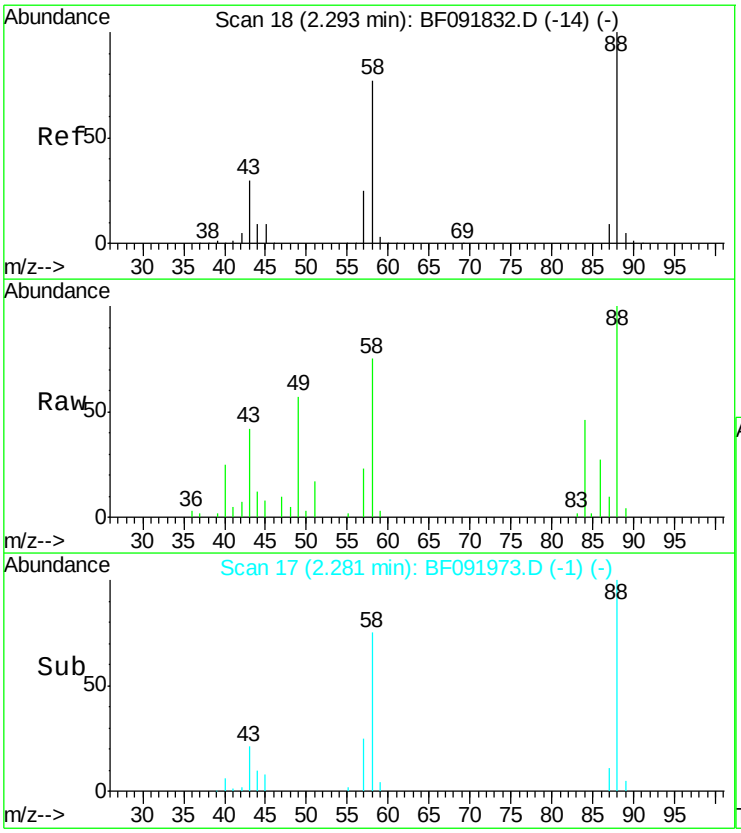
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:152 Resp: 294946

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.9	187.3
115	60.3	46.0	69.0

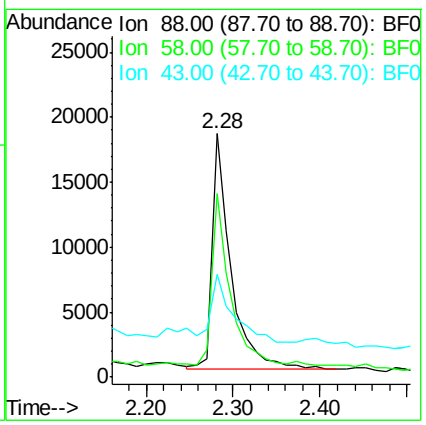


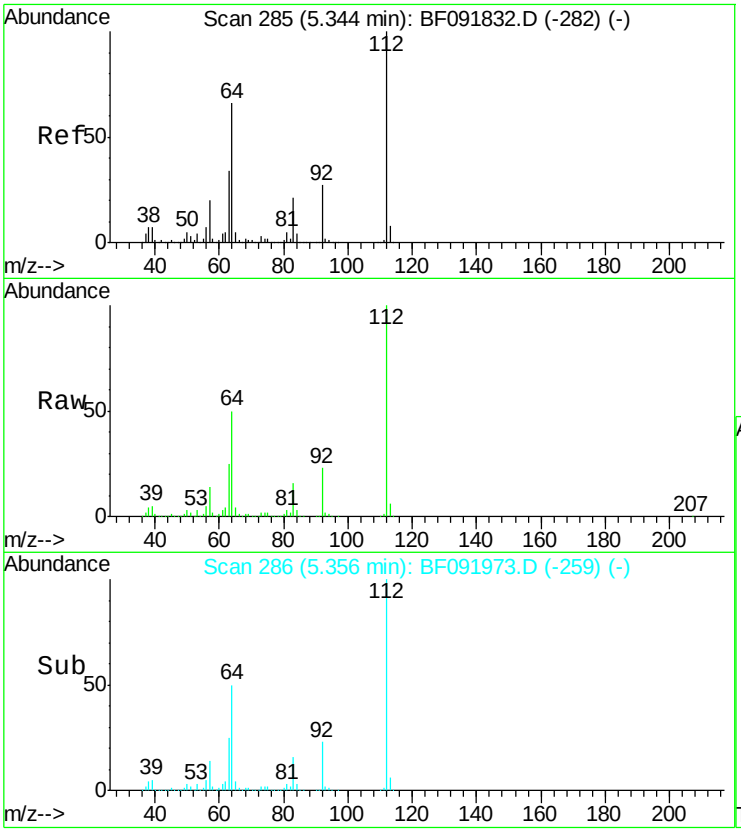


#2
1,4-Dioxane
Concen: 3.12 ng
RT: 2.28 min Scan# 17
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion: 88 Resp: 27116

Ion	Ratio	Lower	Upper
88	100		
58	69.7	57.8	86.8
43	34.2	22.3	33.5#



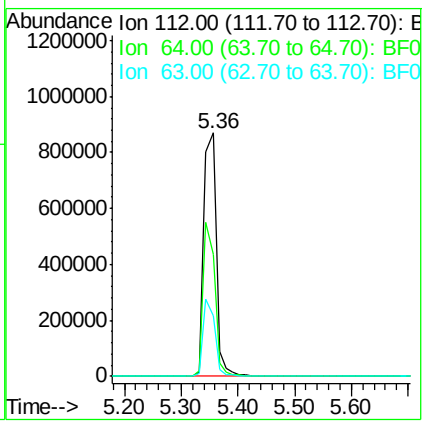


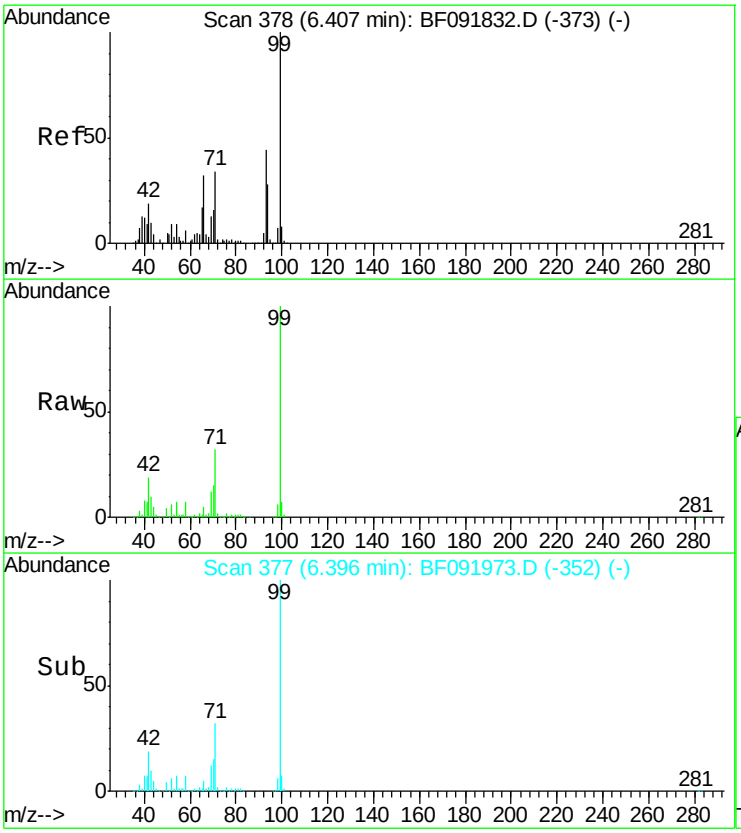
#5
2-Fluorophenol
Concen: 71.88 ng
RT: 5.36 min Scan# 286
Delta R.T. 0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:112 Resp: 1269663

Ion	Ratio	Lower	Upper
112	100		
64	49.9	46.1	69.1
63	24.9	23.8	35.6

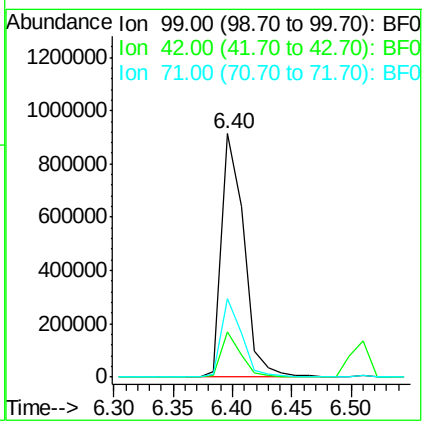


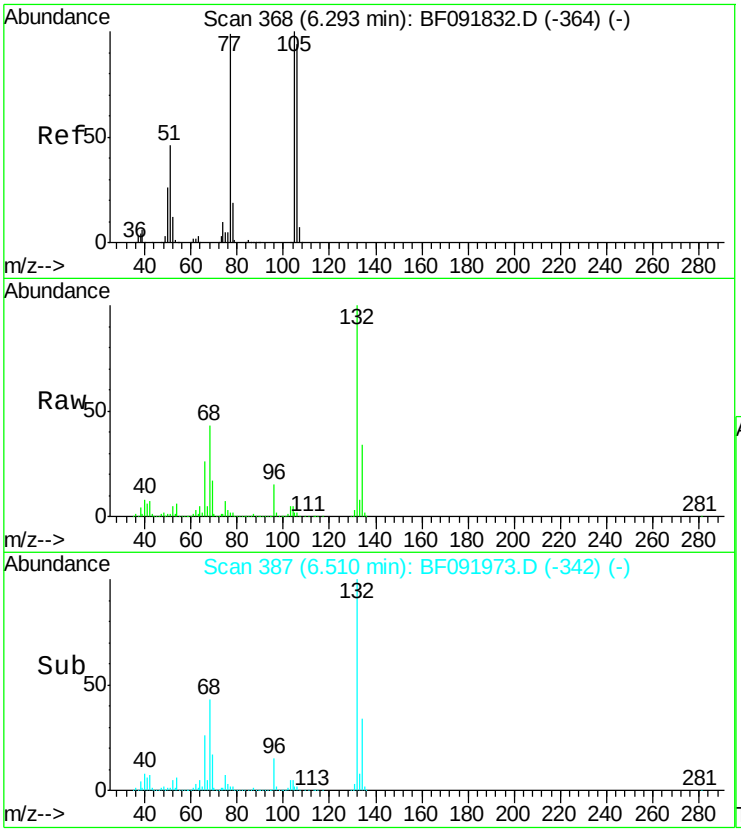


#7
Phenol-d6
Concen: 55.37 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion: 99 Resp: 1194217

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	32.2	27.5	41.3



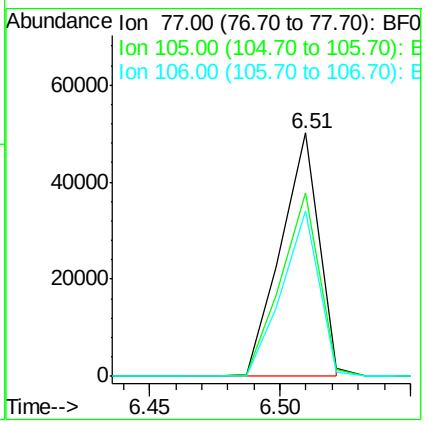


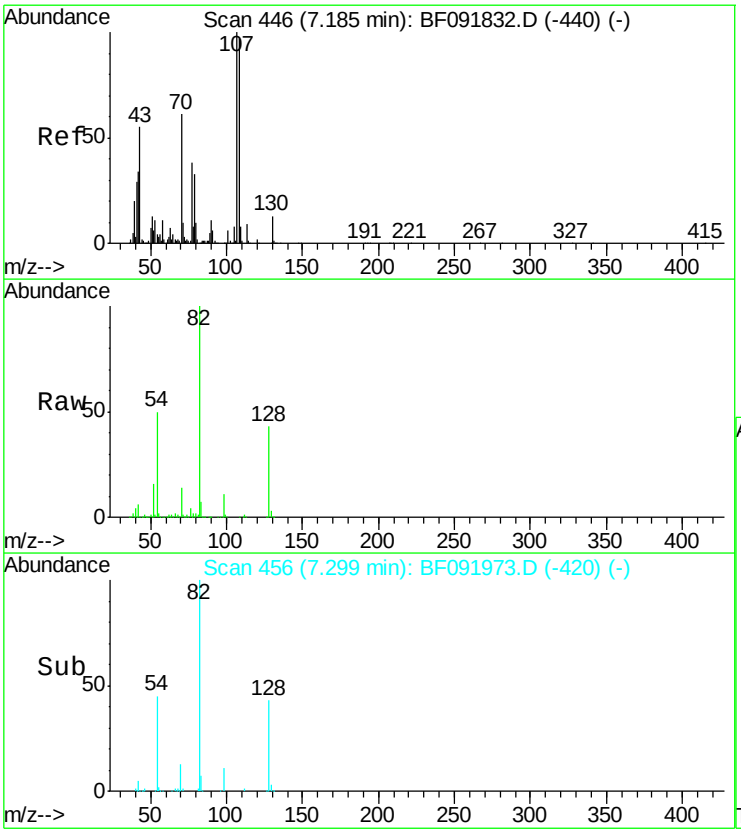
#9
Benzaldehyde
Concen: 2.95 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.22 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 77 Resp: 51183

Ion	Ratio	Lower	Upper
77	100		
105	75.4	83.9	123.9#
106	67.8	77.6	117.6#

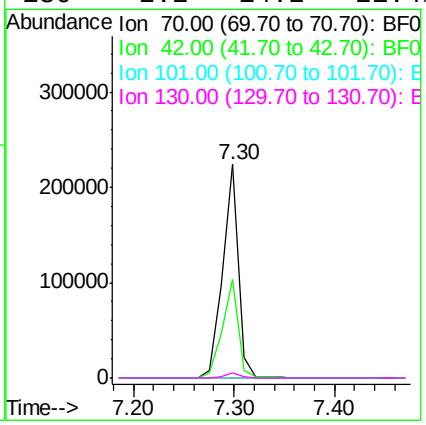


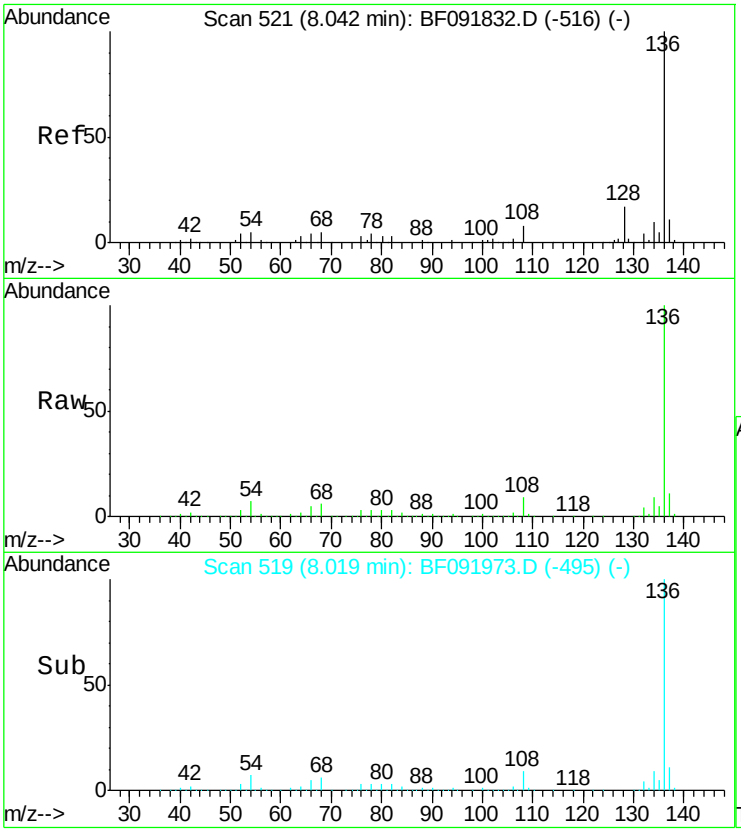


#19
n-Nitroso-di-n-propylamine
Concen: 16.99 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion: 70 Resp: 243829

Ion	Ratio	Lower	Upper
70	100		
42	46.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



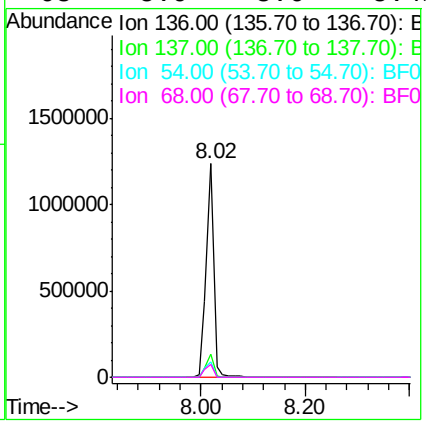


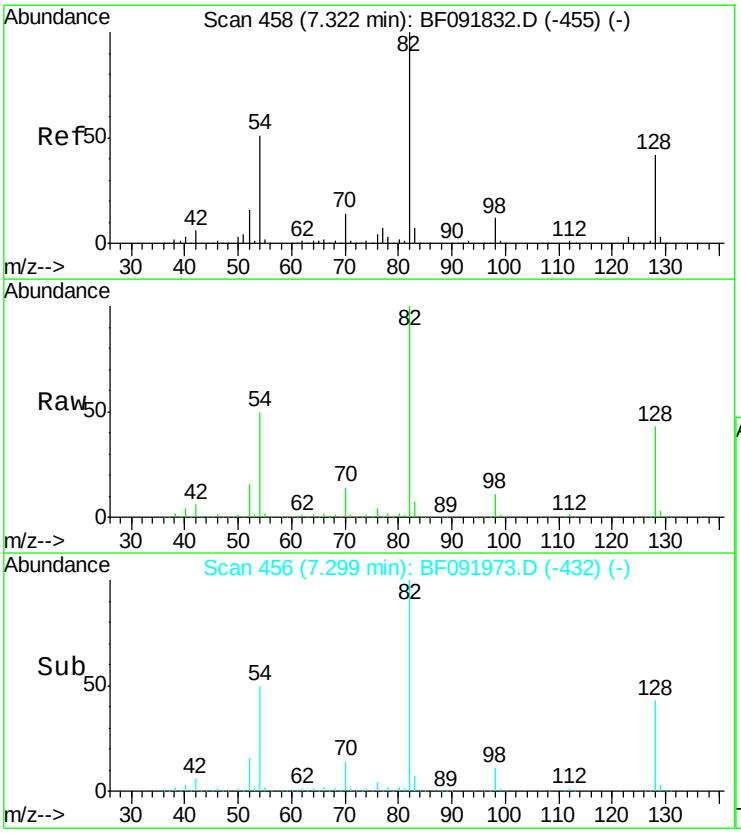
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 1231903

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.9	4.5	6.7#
68	5.9	3.6	5.4#

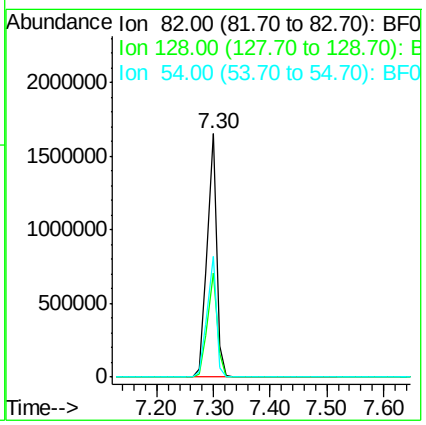


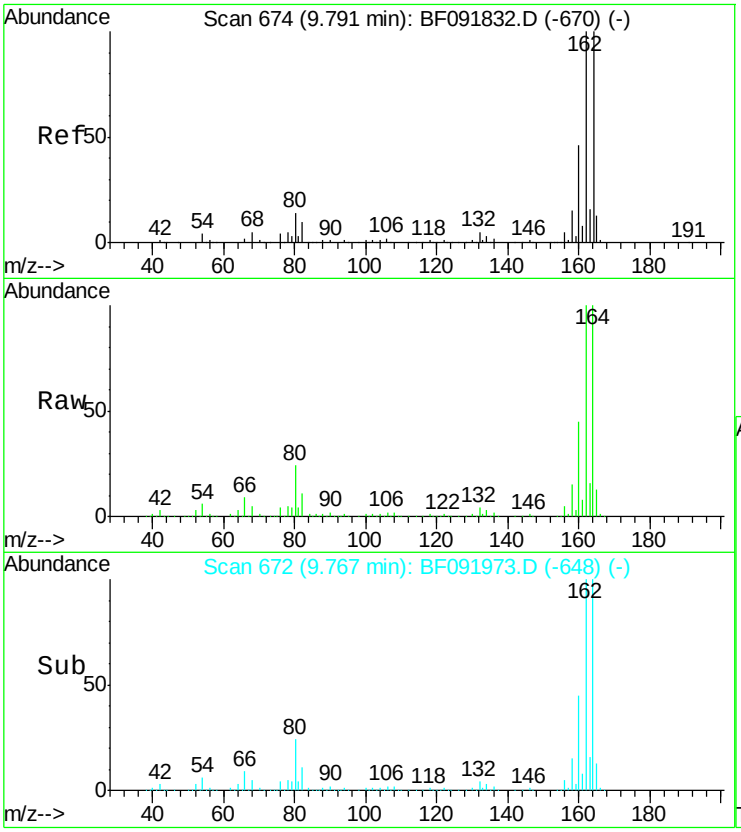


#23
Nitrobenzene-d5
Concen: 82.78 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion: 82 Resp: 1833938

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	49.8	39.5	59.3



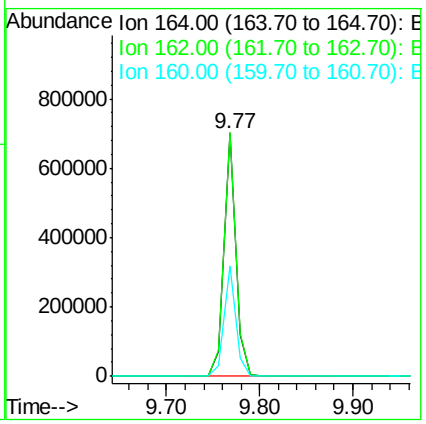


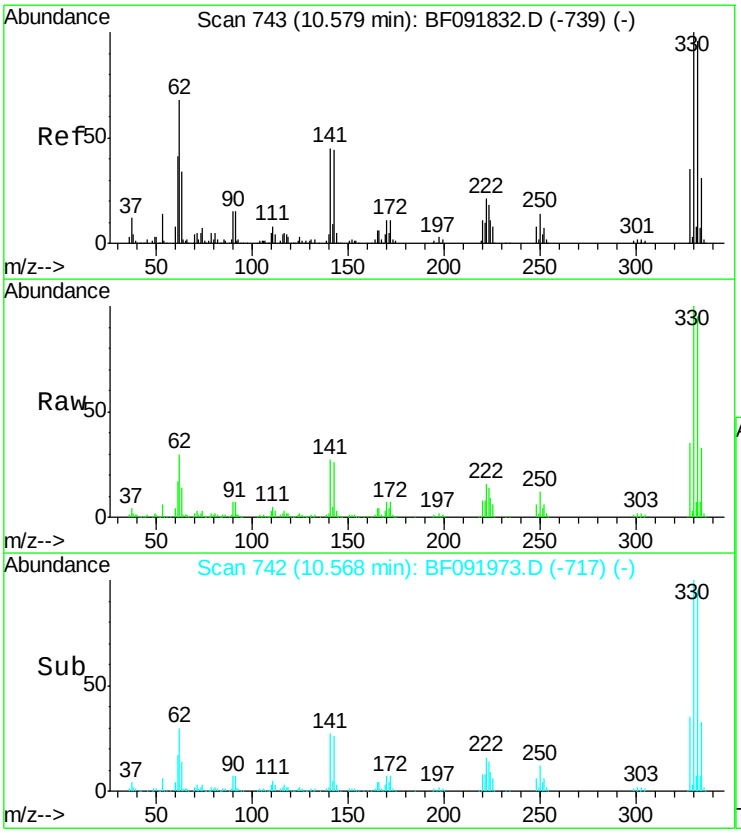
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:164 Resp: 620840

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	45.5	36.9	55.3

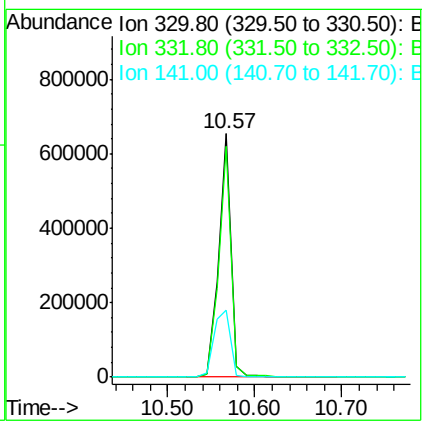


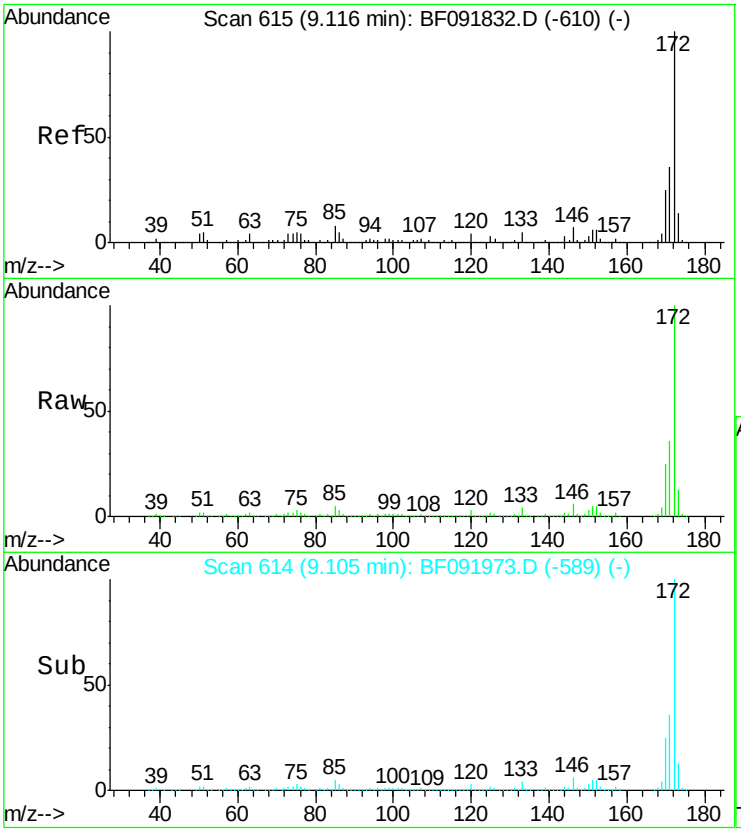


#41
2,4,6-Tribromophenol
Concen: 128.88 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:330 Resp: 662154

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	37.4	34.1	51.1



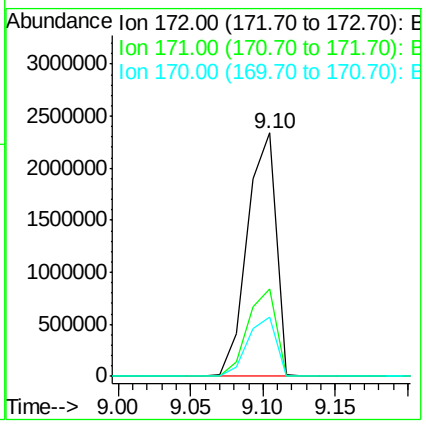


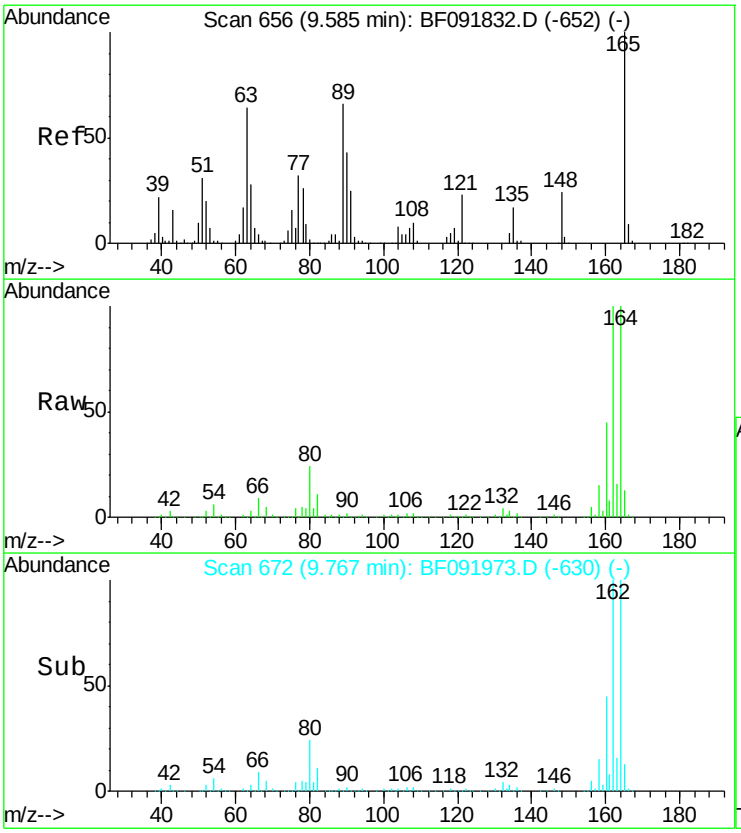
#44
2-Fluorobiphenyl
Concen: 109.95 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:172 Resp: 3216765

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.6	20.2	30.4

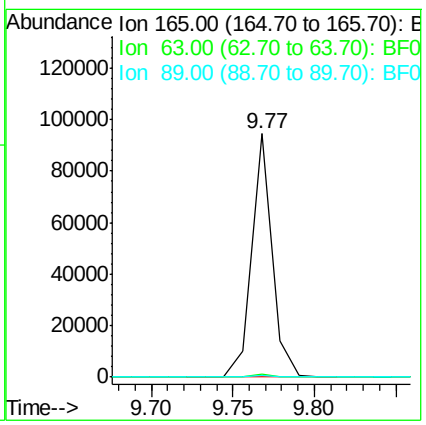


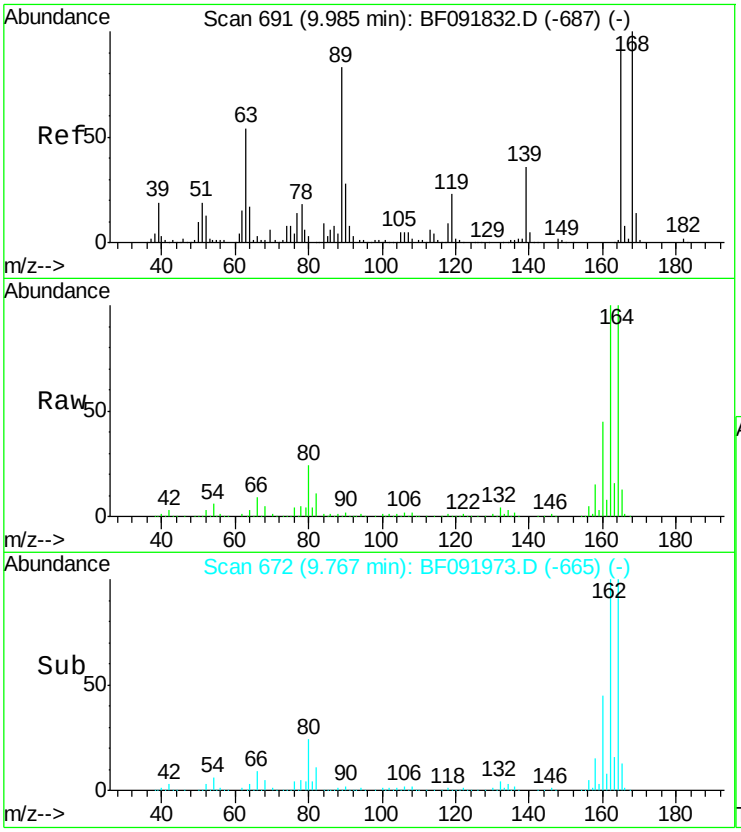


#50
2,6-Dinitrotoluene
Concen: 9.49 ng
RT: 9.77 min Scan# 672
Delta R.T. 0.18 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:165 Resp: 82438

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.2	54.4#
89	0.7	40.2	60.4#



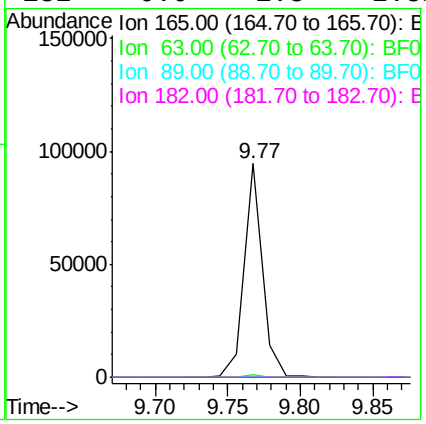


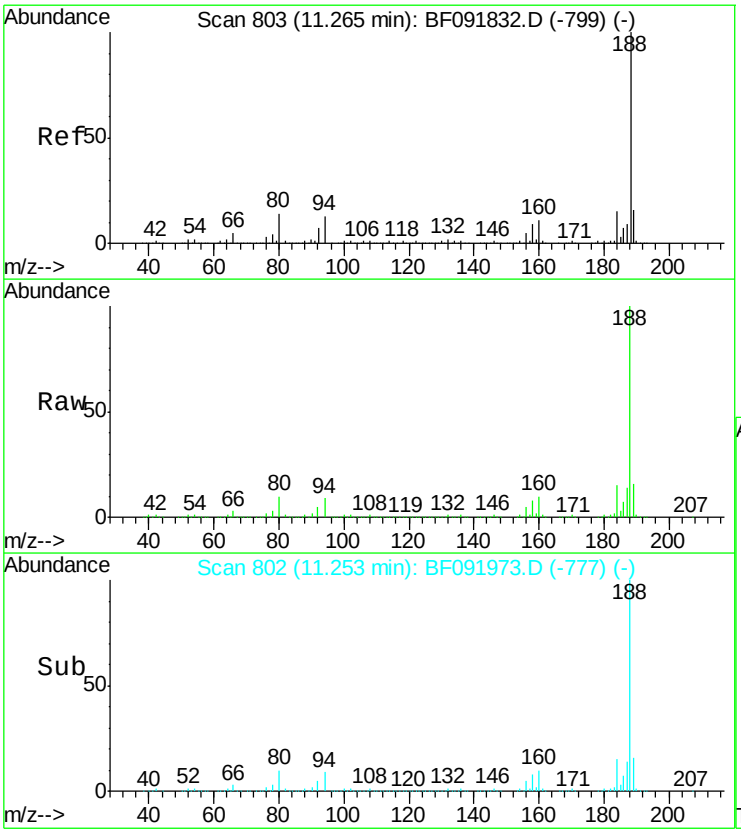
#56
2,4-Dinitrotoluene
Concen: 7.56 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.22 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:165 Resp: 82441

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

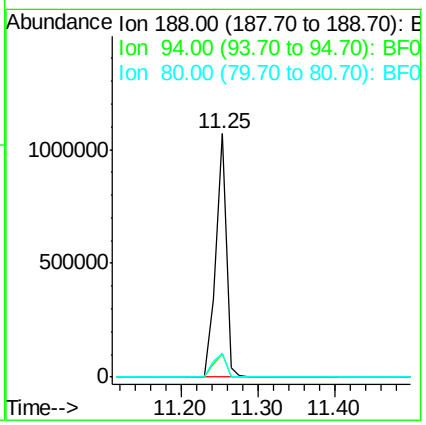


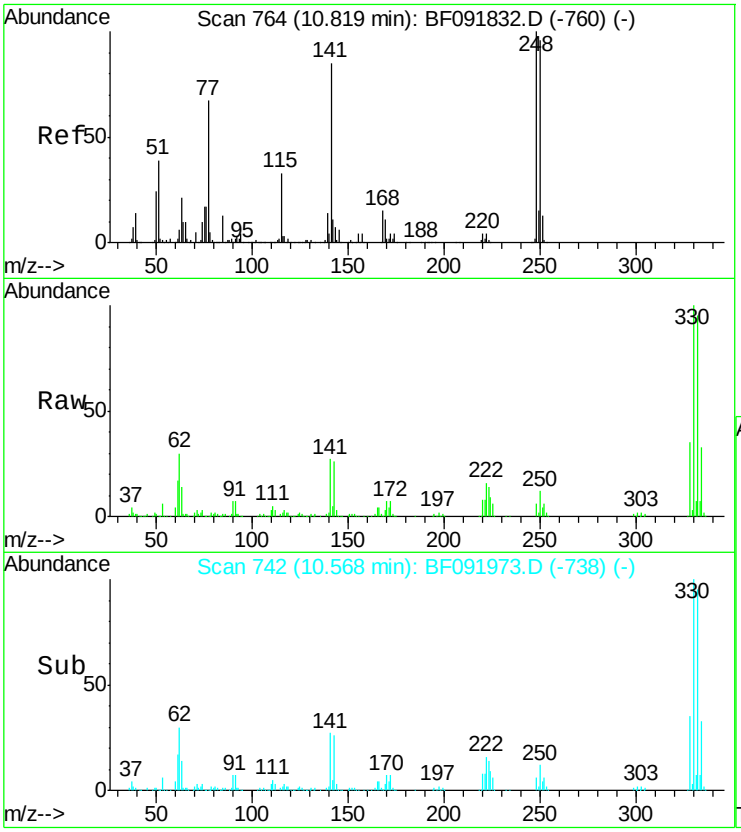


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:188 Resp: 1015211

Ion	Ratio	Lower	Upper
188	100		
94	9.4	10.0	15.0#
80	9.7	11.2	16.8#



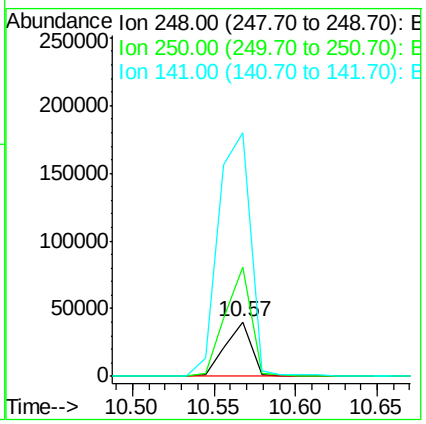


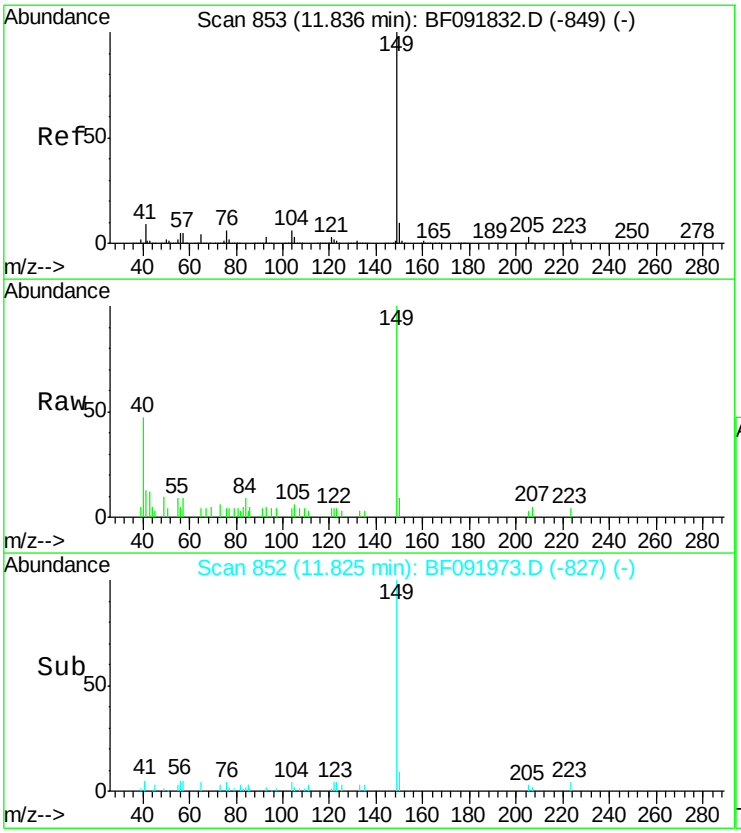
#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:248 Resp: 43867

Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	448.2	68.2	102.4#

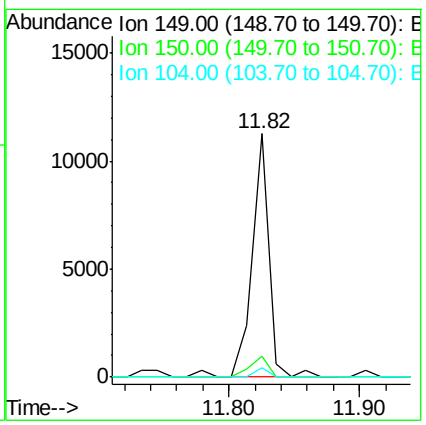


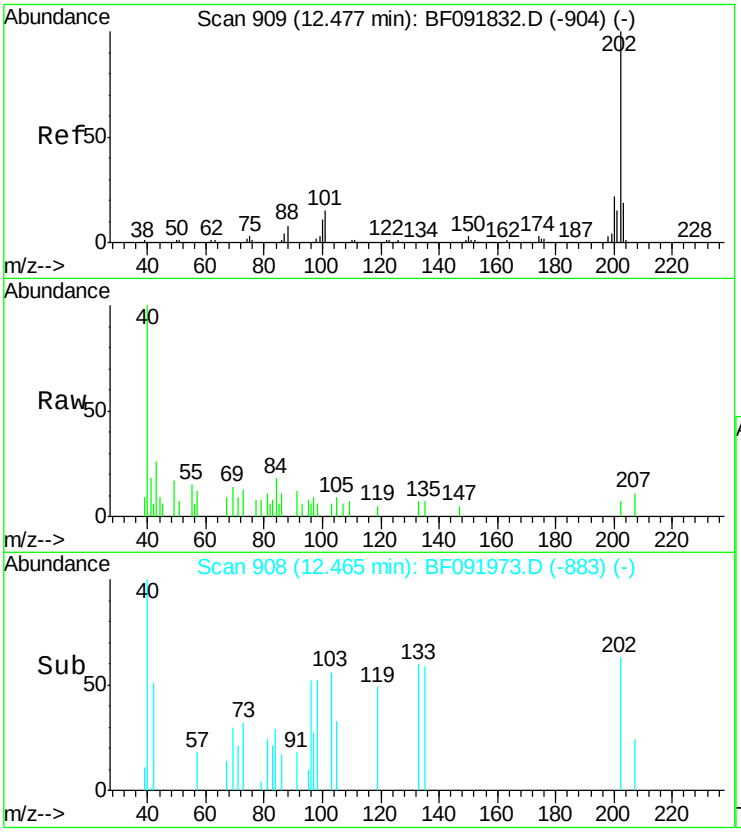


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.82 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:149 Resp: 10248

Ion	Ratio	Lower	Upper
149	100		
150	8.7	8.1	12.1
104	4.0	4.6	7.0#



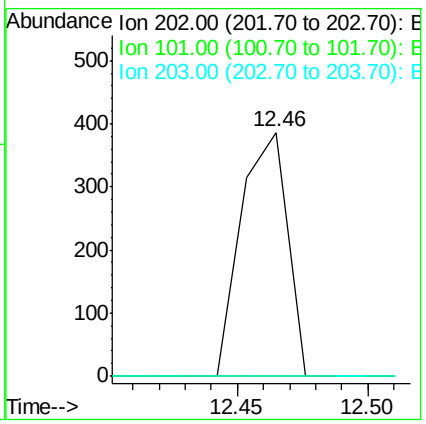


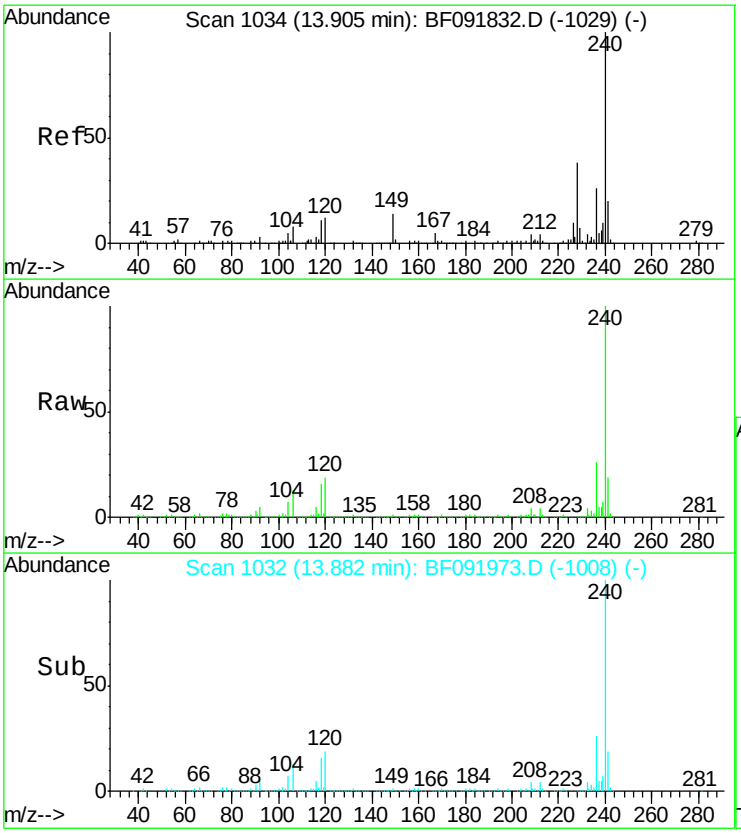
#74
Fluoranthene
Concen: Below Cal
RT: 12.46 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:202 Resp: 481

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

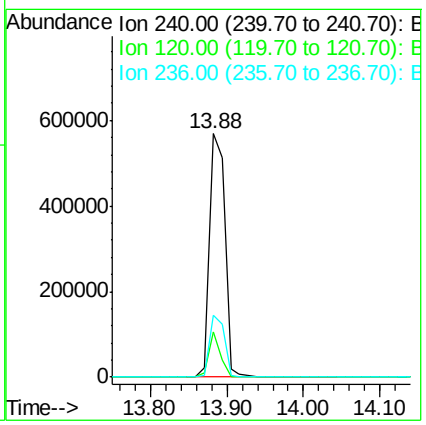


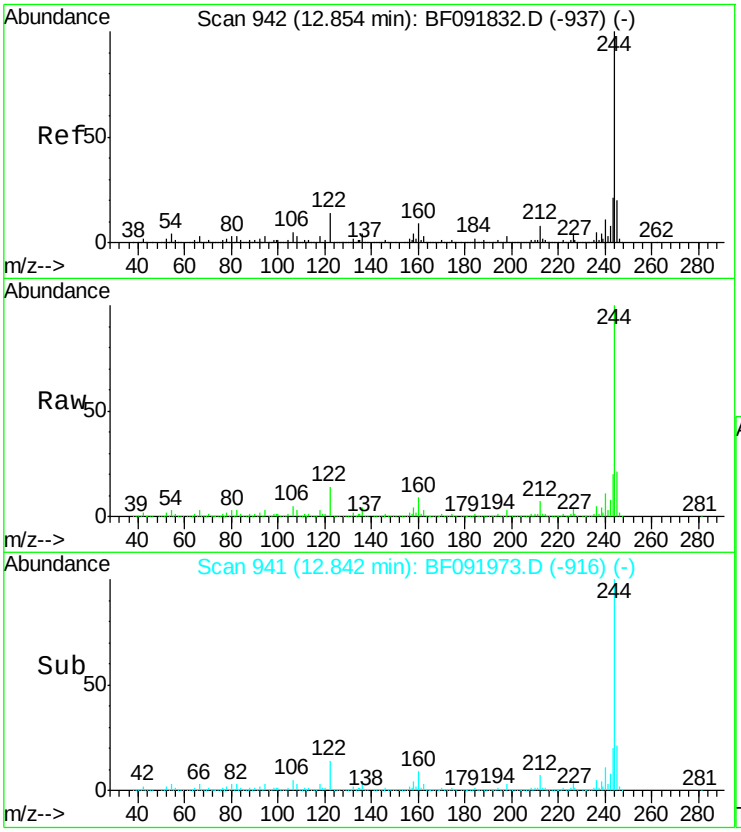


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:240 Resp: 782792

Ion	Ratio	Lower	Upper
240	100		
120	18.7	12.9	19.3
236	25.6	20.9	31.3



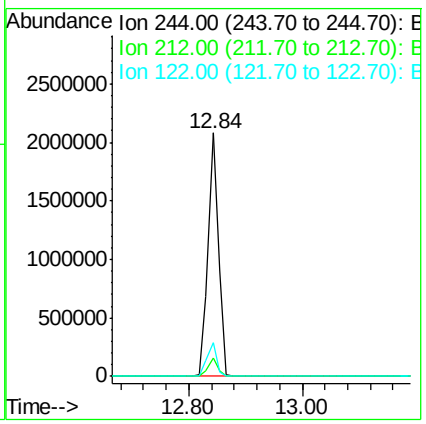


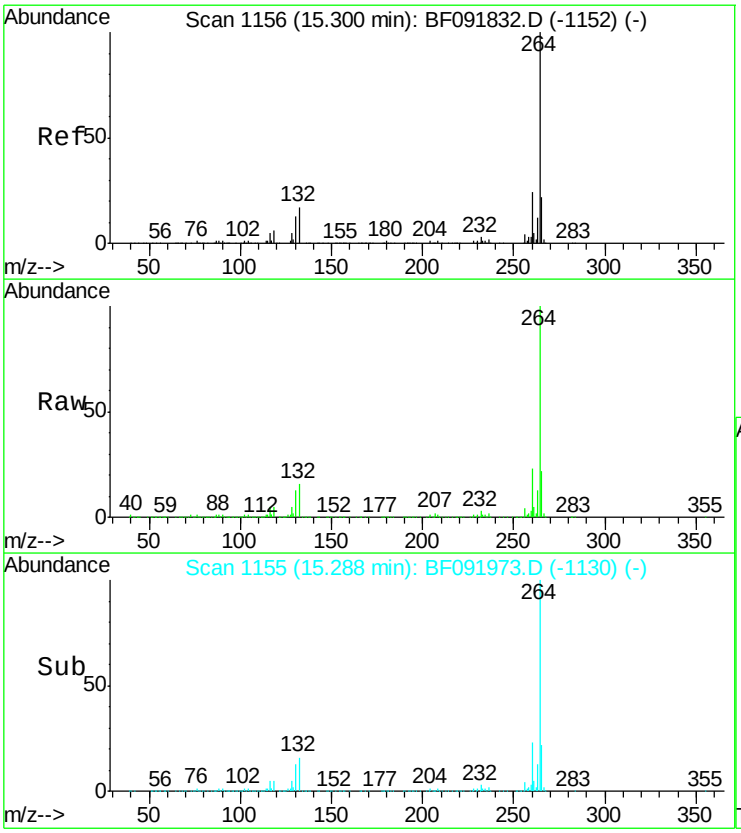
#78
Terphenyl-d14
Concen: 79.24 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:244 Resp: 2557593

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	14.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091973.D
Acq: 27 Dec 2016 17:47

Tgt Ion:264 Resp: 529433

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.8	17.4	26.0