Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101934.D
Acq On : 5 Jan 2018 17:15
Operator : SJ/JU
Sample : J1012-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-010318-F

Quant Time: Jan 05 17:45:09 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	119699	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	453490	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	165629	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	262191	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	246558	20.00	ng	-0.02
86) Perylene-d12	15.43	264	198527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1019346	126.85	ng	0.00
7) Phenol-d6	6.43	99	1095750	109.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	820642	100.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	175192	109.77	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1109749	103.94	ng	-0.01
78) Terphenyl-d14	12.88	244	859264	84.02	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	111126	16.920	ng	# 82
25) Isophorone	7.35	82	820642	50.215	ng	# 64
32) Benzoic acid	8.03	122	568	8.068	ng	91
49) Dimethylphthalate	9.81	163	38640	2.900	ng	# 1
50) 2,6-Dinitrotoluene	9.81	165	20829	7.692	ng	# 25
56) 2,4-Dinitrotoluene	9.81	165	20829	6.828	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	11636	3.950	ng	# 1

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

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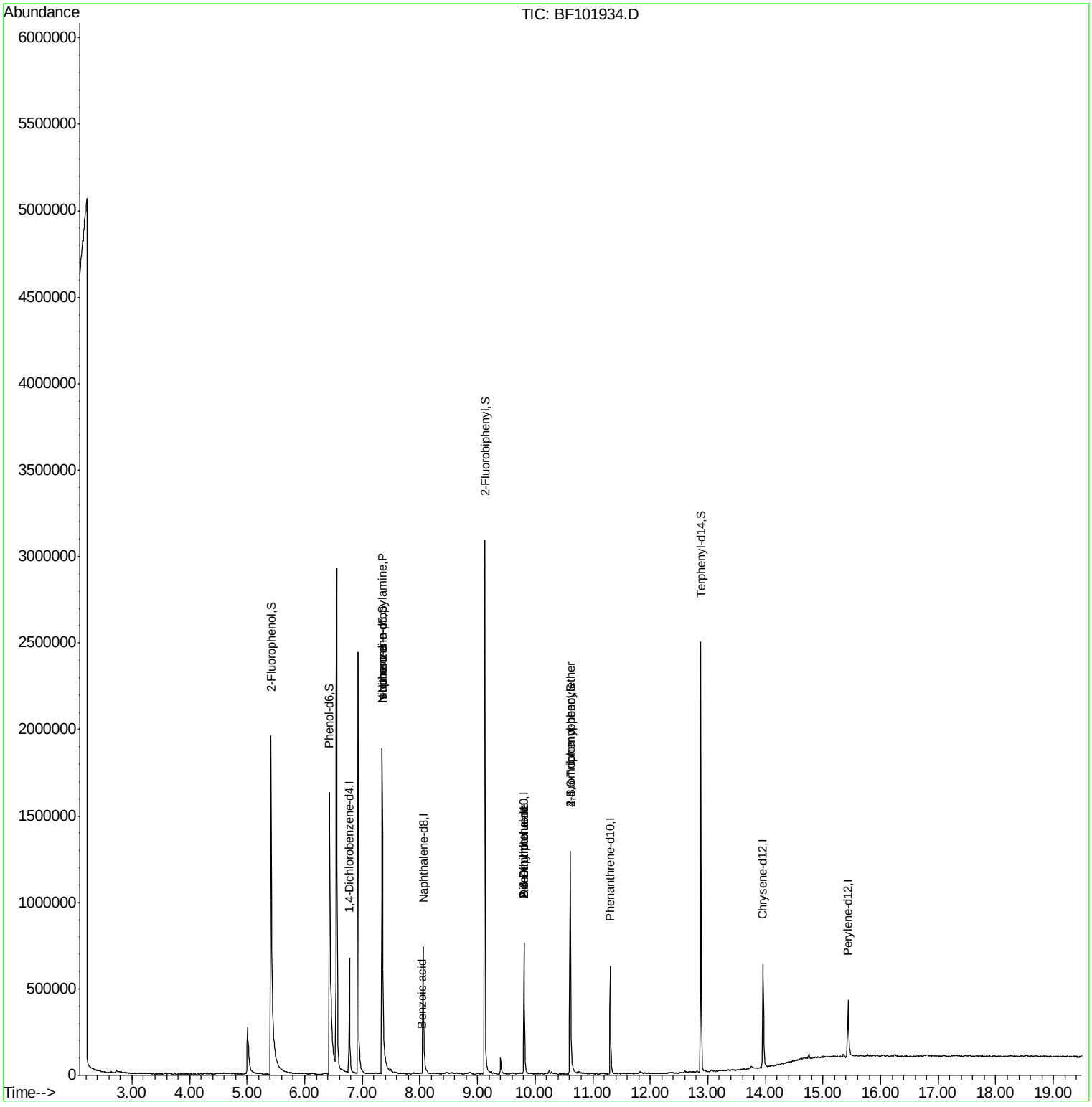
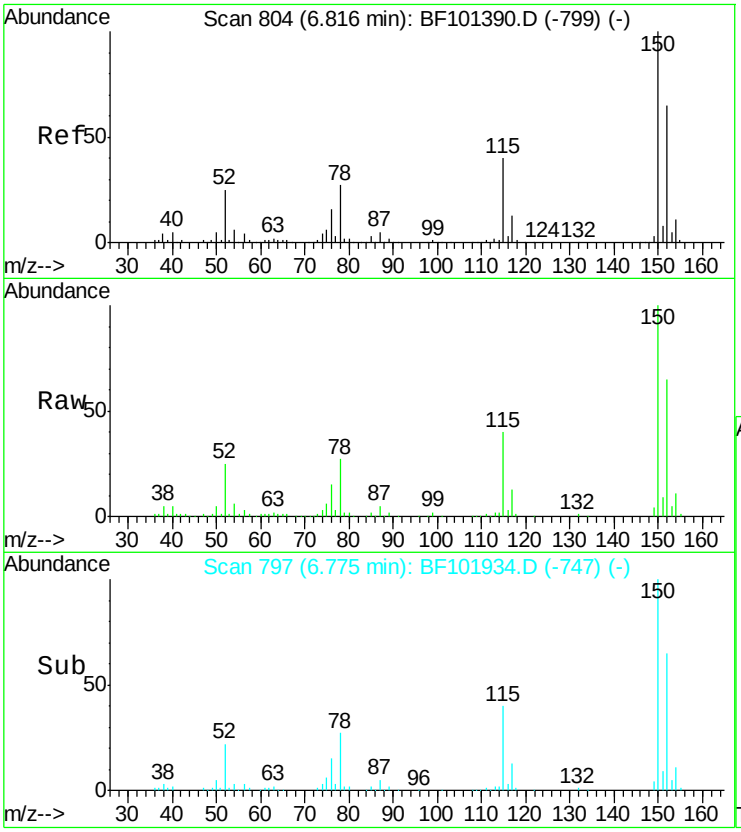


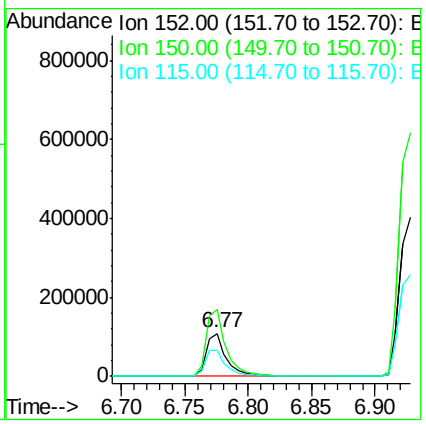


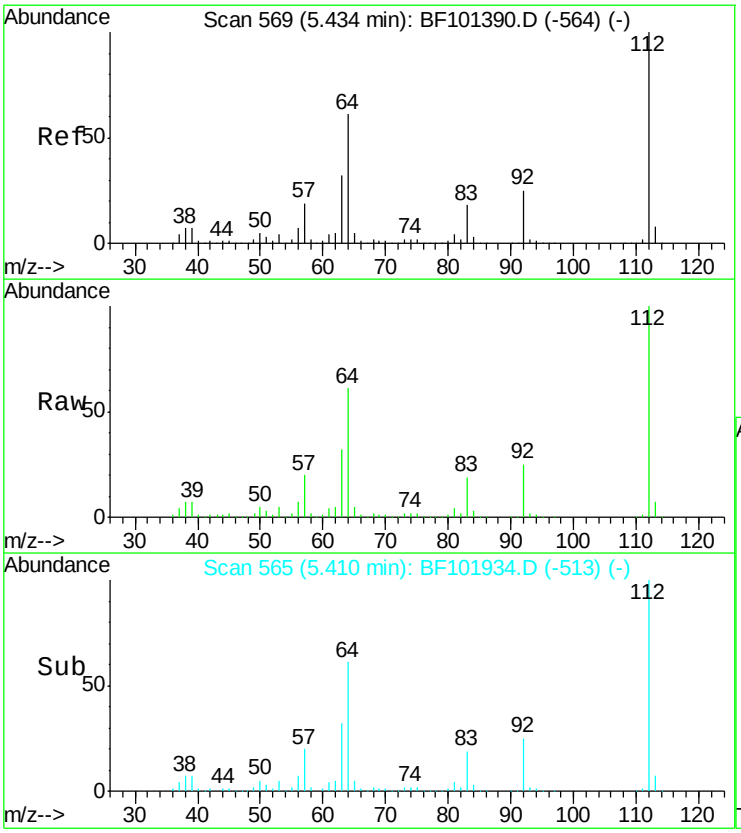
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:152 Resp: 119699

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	61.1	50.1	75.1

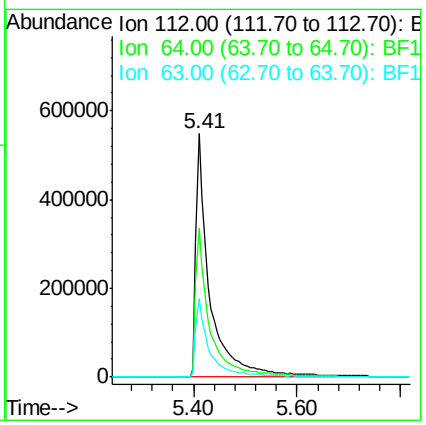


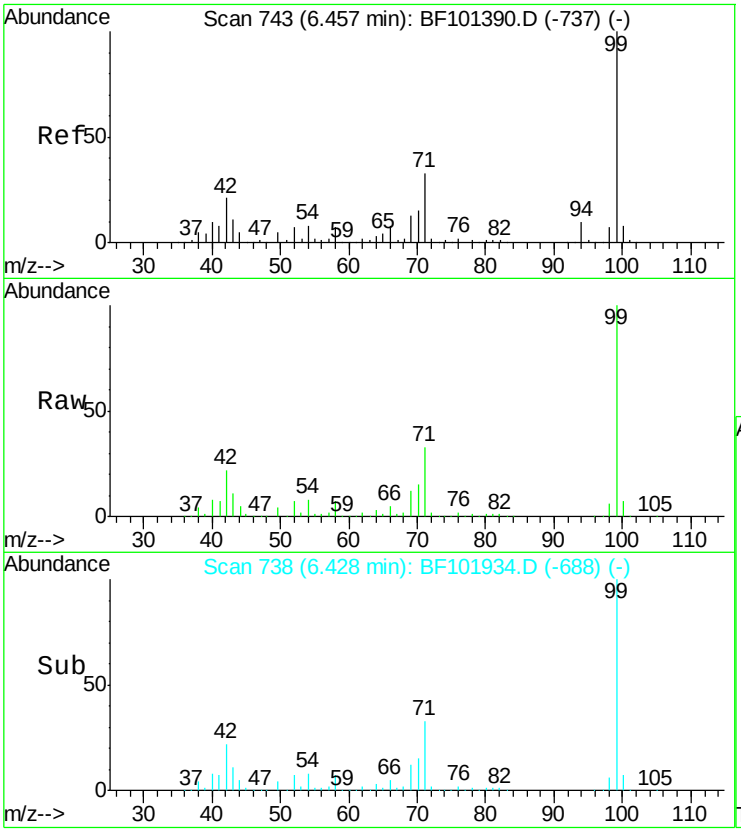


#5
2-Fluorophenol
Concen: 126.851 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:112 Resp: 1019346

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	32.5	23.7	35.5



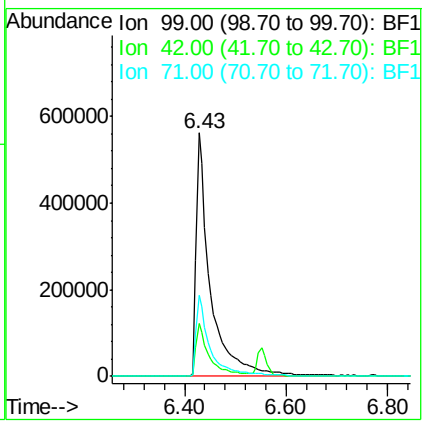


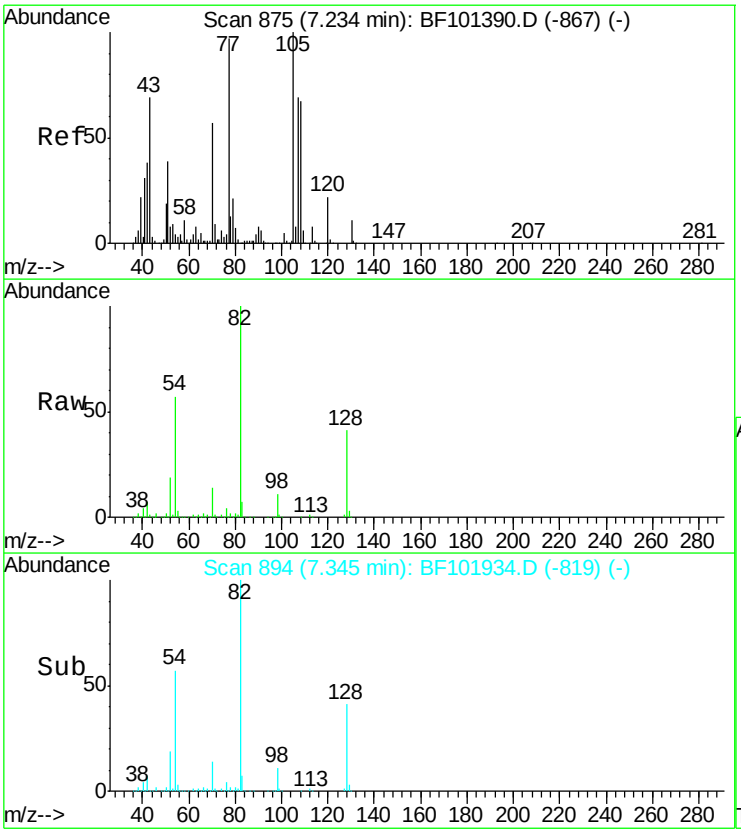
#7
Phenol-d6
Concen: 109.566 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion: 99 Resp: 1095750

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	33.2	25.4	38.0

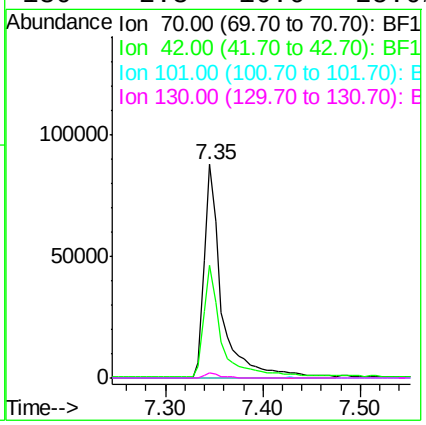


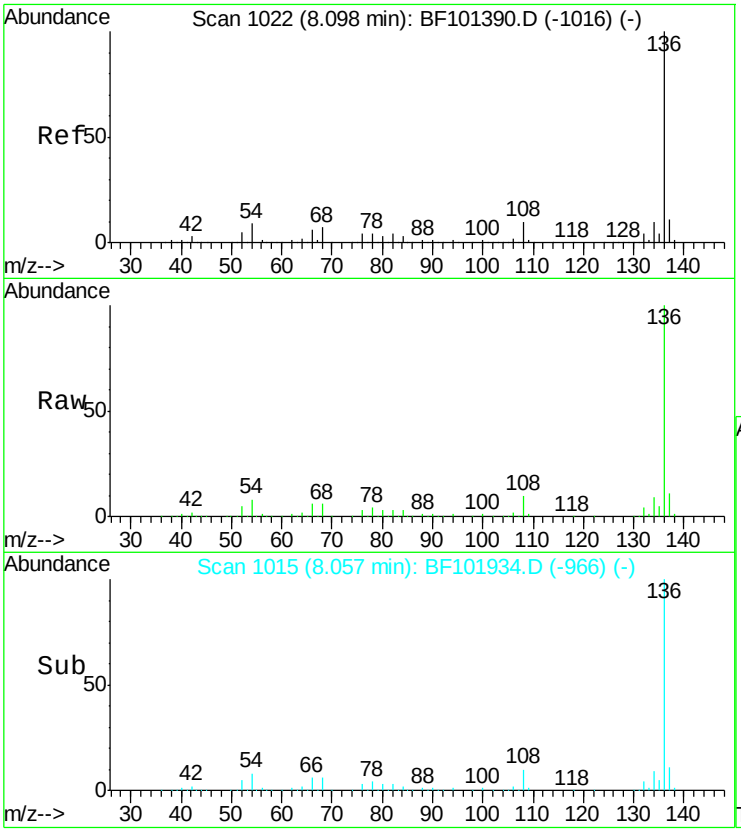


#19
n-Nitroso-di-n-propylamine
Concen: 16.920 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion: 70 Resp: 111126

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



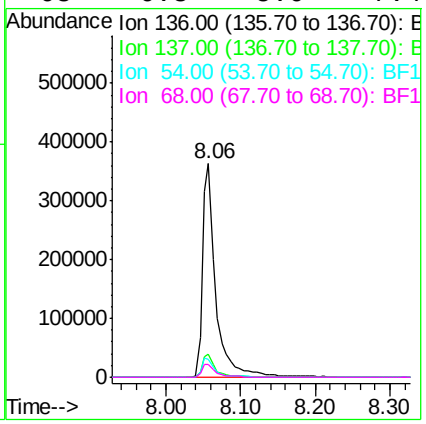


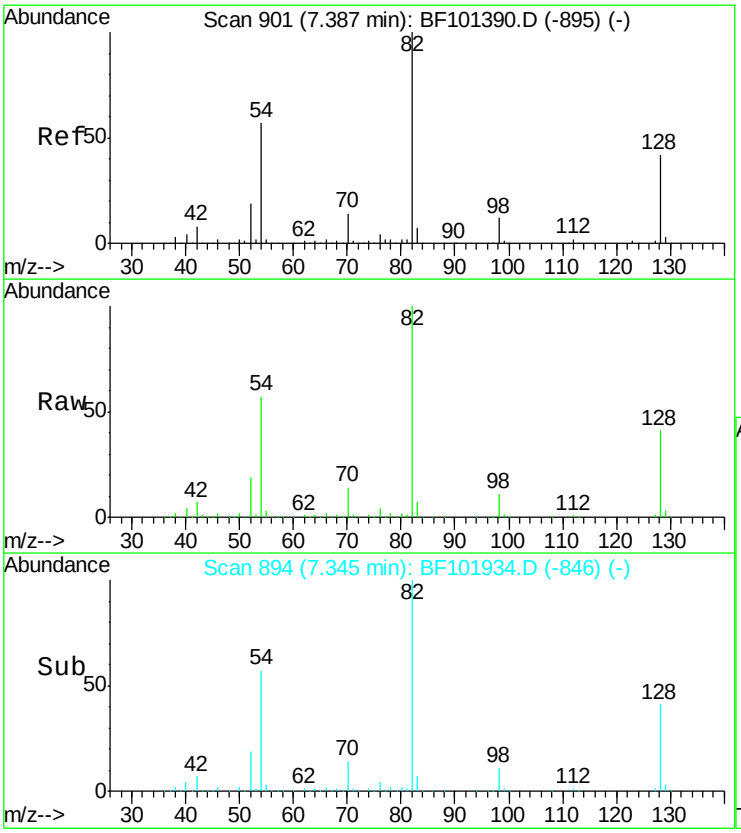
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:136 Resp: 453490

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

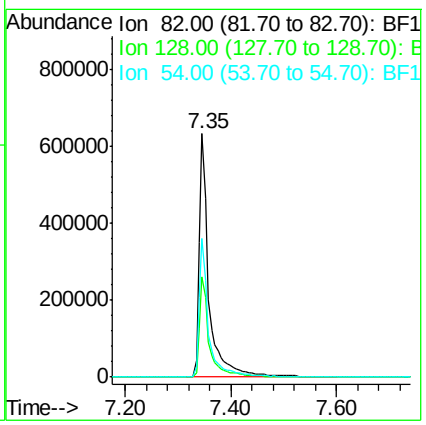


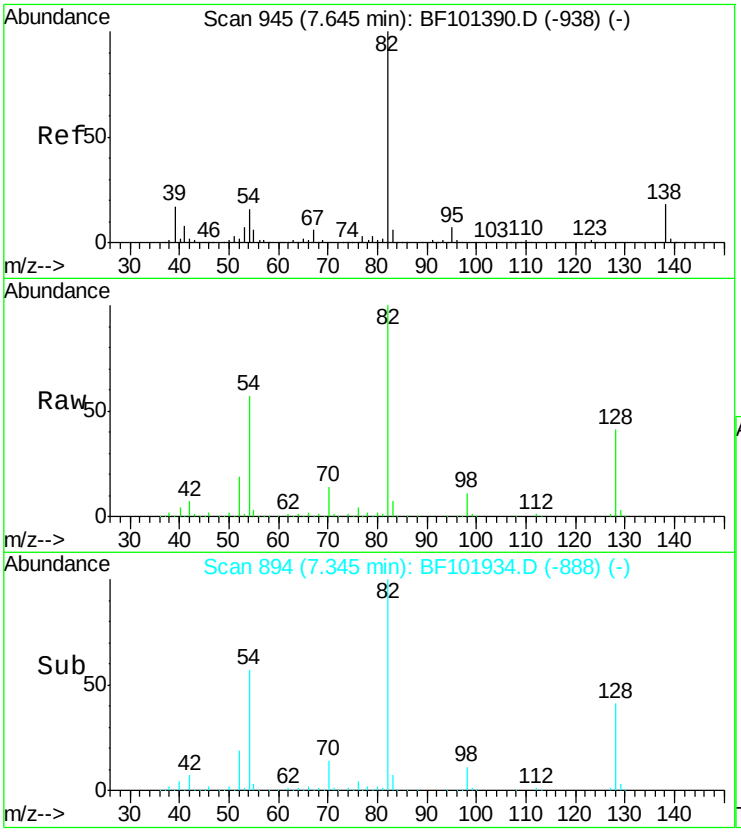


#23
Nitrobenzene-d5
Concen: 100.734 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion: 82 Resp: 820642

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	57.1	41.4	62.2



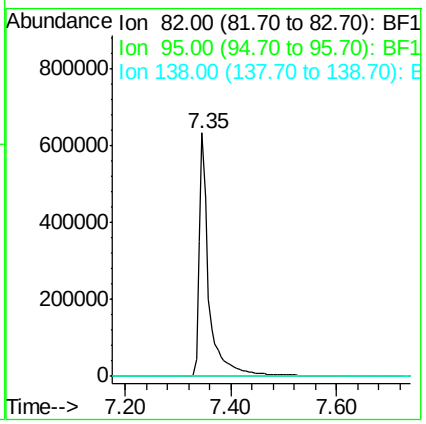


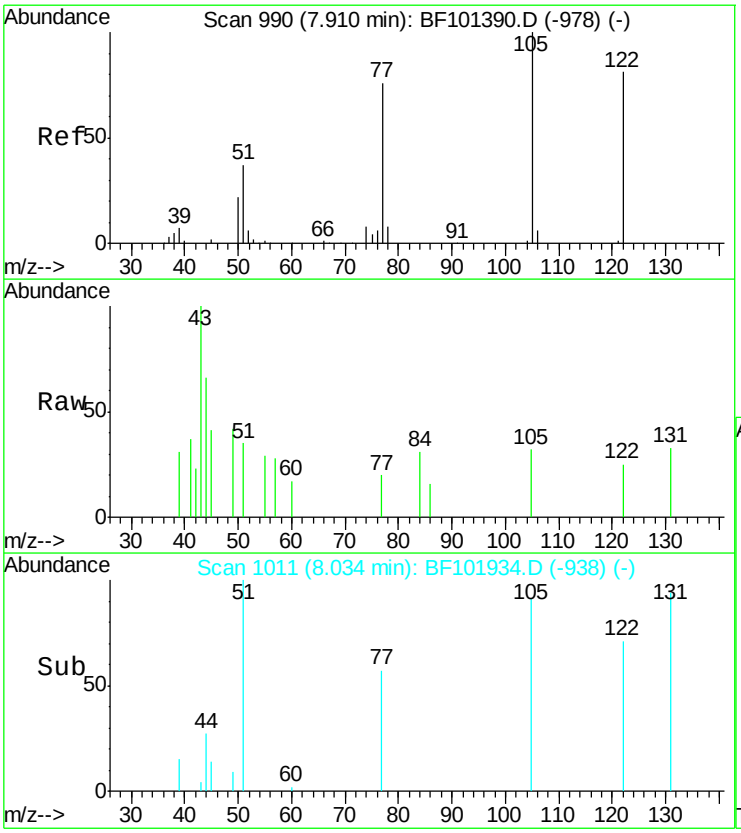
#25
Isophorone
Concen: 50.215 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion: 82 Resp: 820642

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

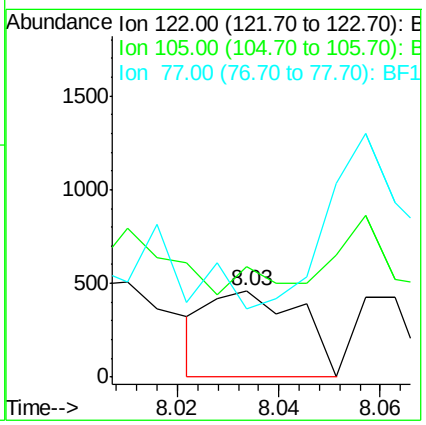


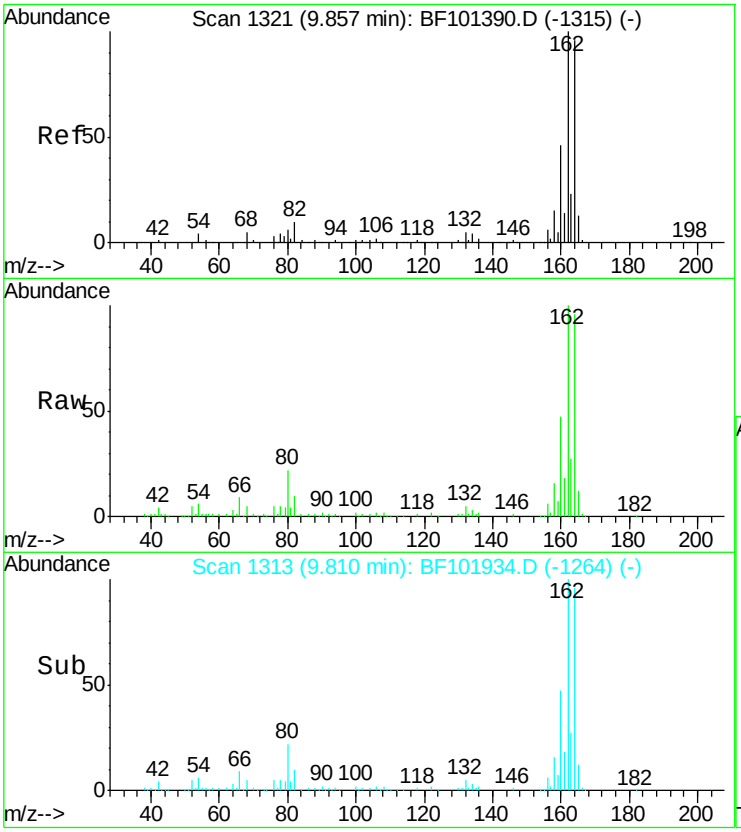


#32
Benzoic acid
Concen: 8.068 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.13 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:122 Resp: 568

Ion	Ratio	Lower	Upper
122	100		
105	128.4	101.1	141.1
77	79.6	70.7	110.7



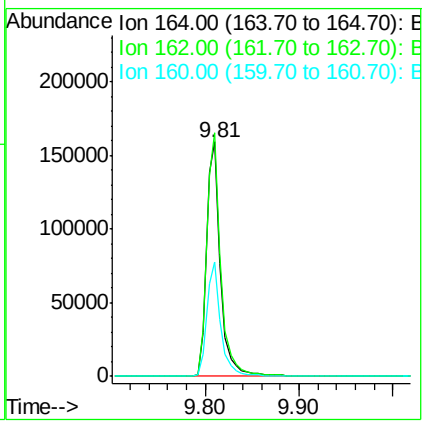


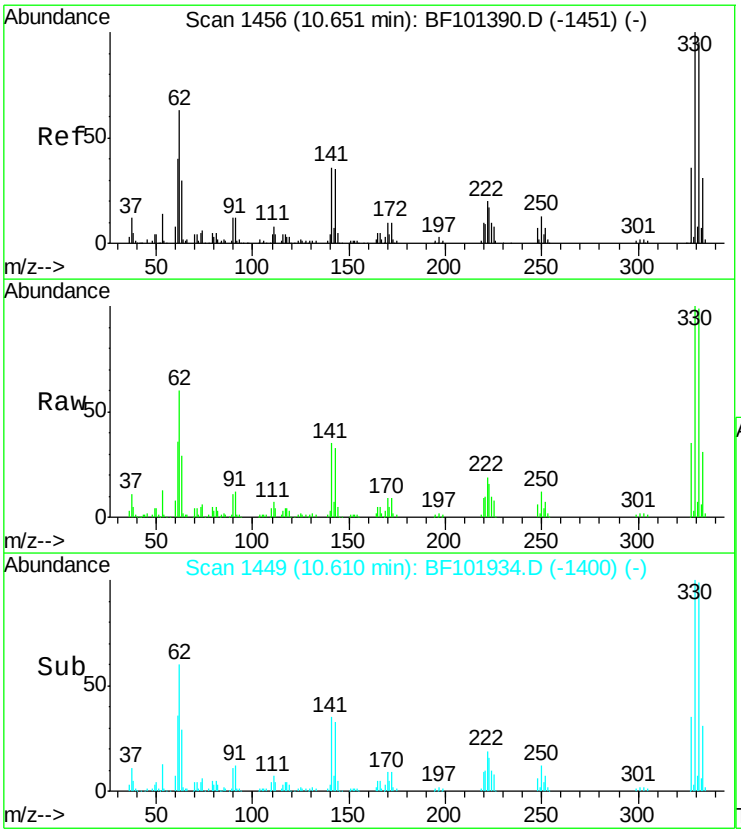
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:164 Resp: 165629

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	48.6	38.3	57.5

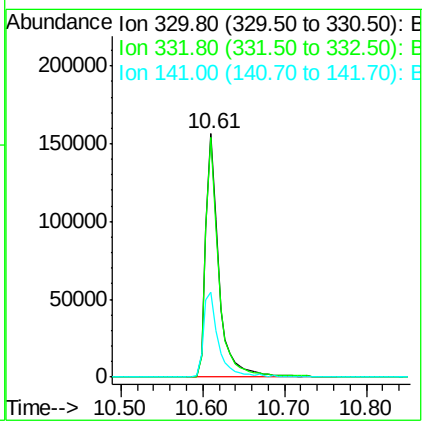


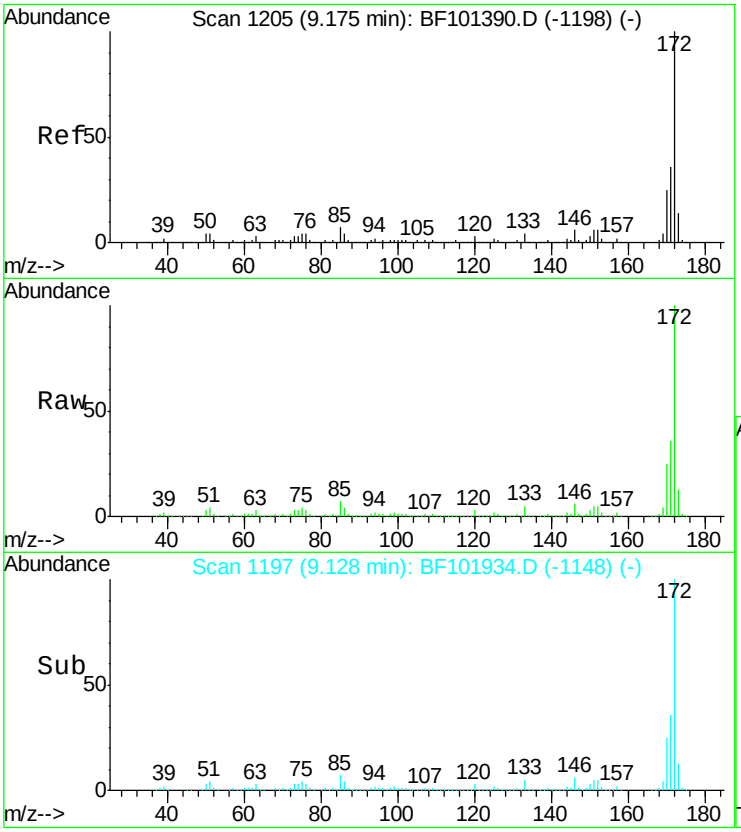


#41
2,4,6-Tribromophenol
Concen: 109.772 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:330 Resp: 175192

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	40.0	29.9	44.9



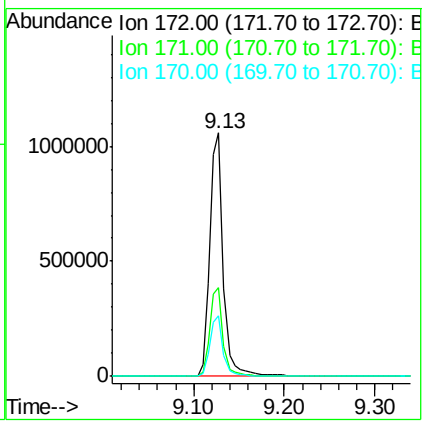


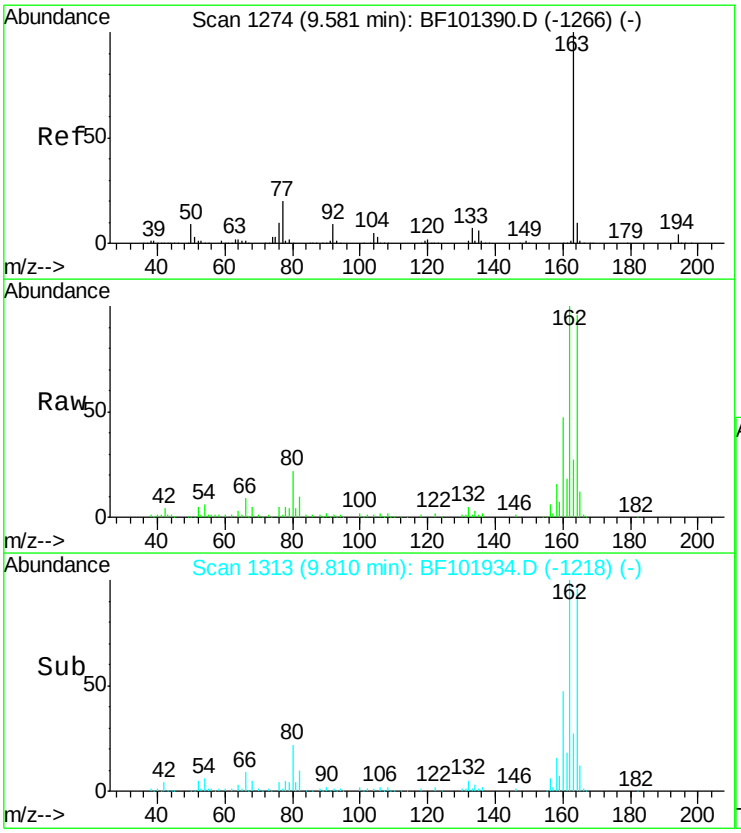
#44
2-Fluorobiphenyl
Concen: 103.936 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:172 Resp: 1109749

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.7	19.6	29.4

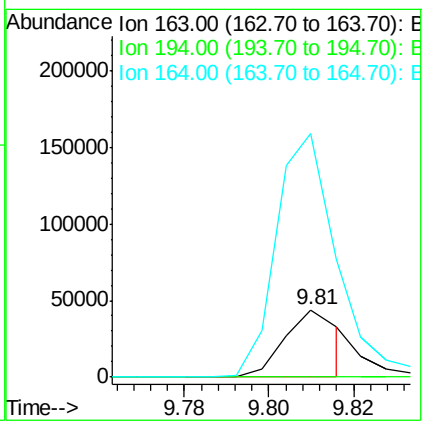


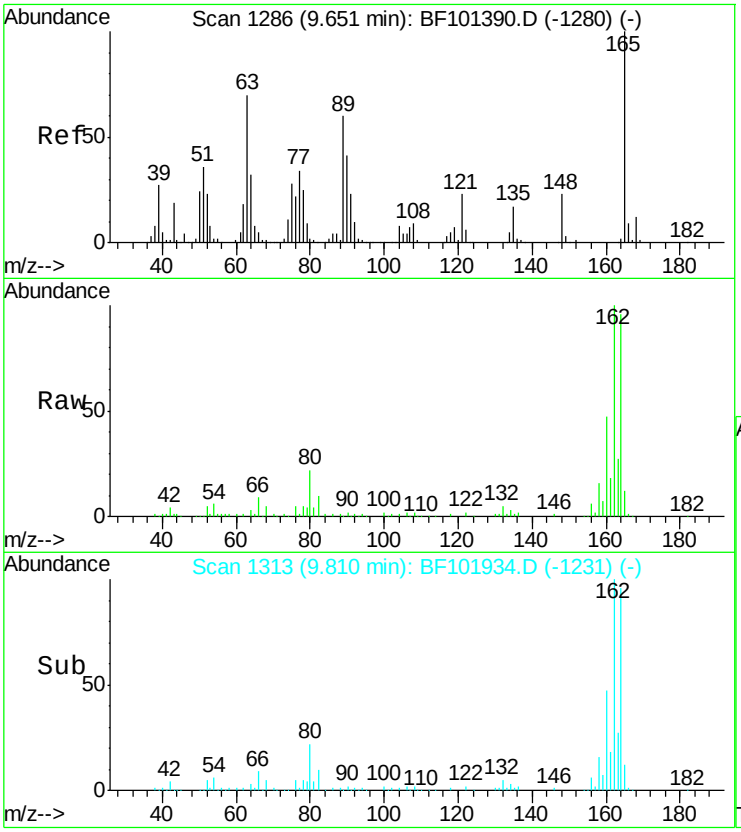


#49
Dimethylphthalate
Concen: 2.900 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.26 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:163 Resp: 38640

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	362.6	8.2	12.2#



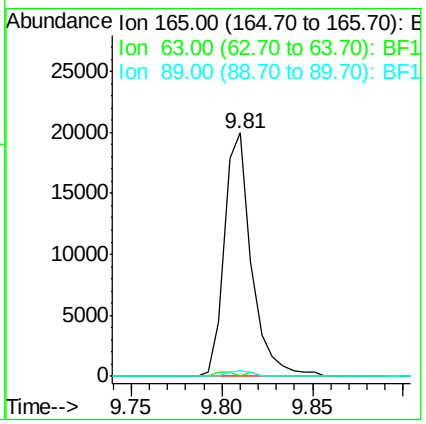


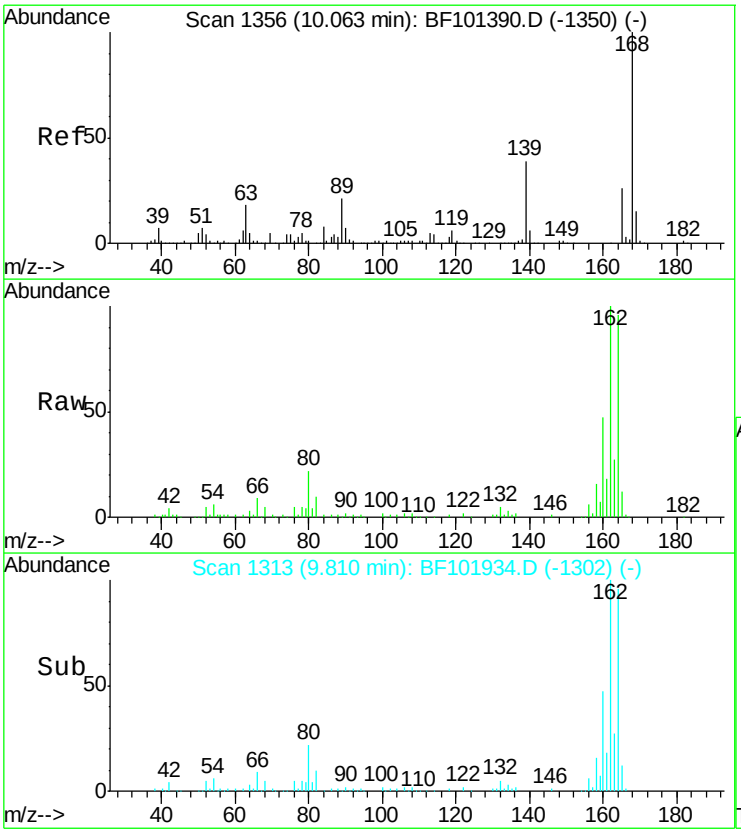
#50
2,6-Dinitrotoluene
Concen: 7.692 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.18 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:165 Resp: 20829

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.3	44.0	66.0#

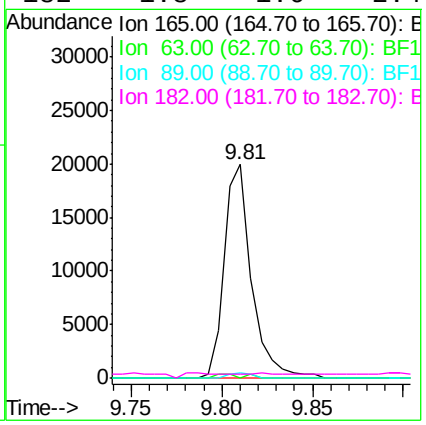


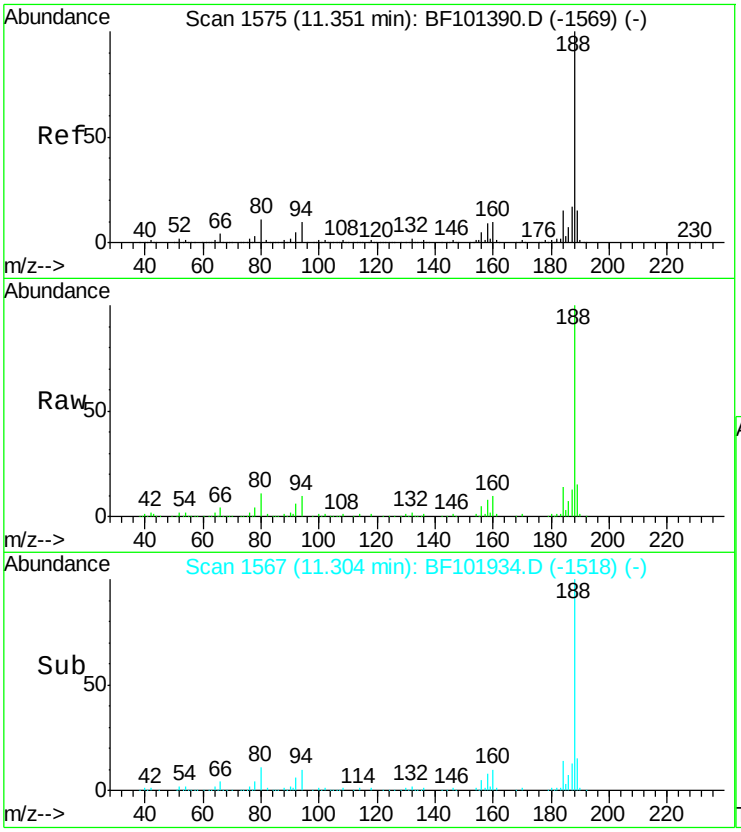


#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.24 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:165 Resp: 20829

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.3	57.8	86.6#
182	1.8	1.6	2.4



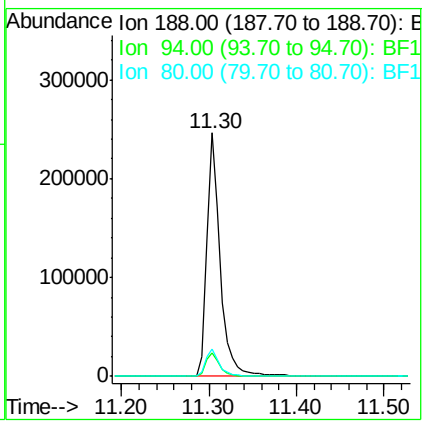


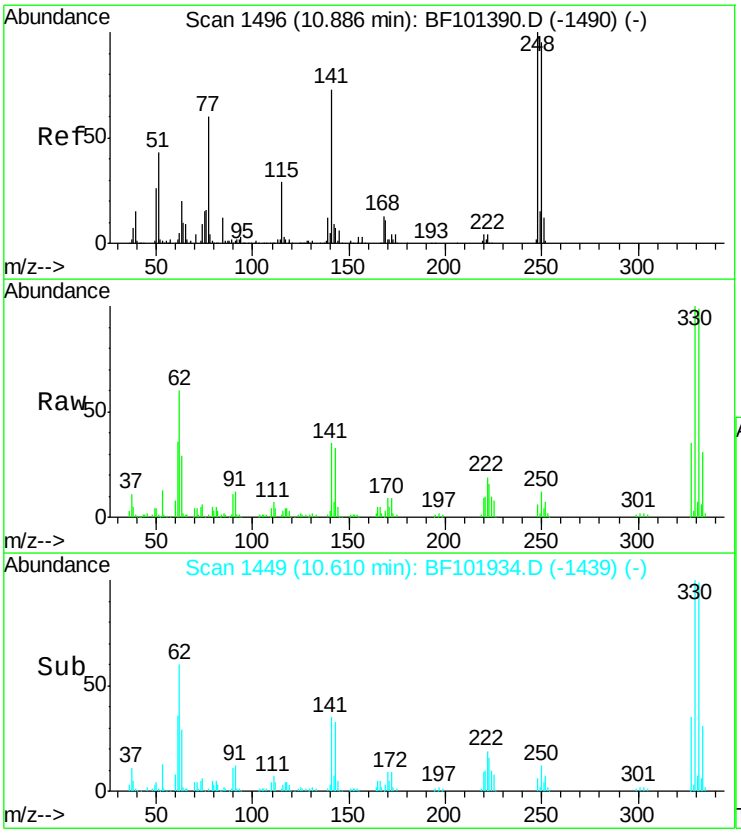
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:188 Resp: 262191

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.3	9.2	13.8

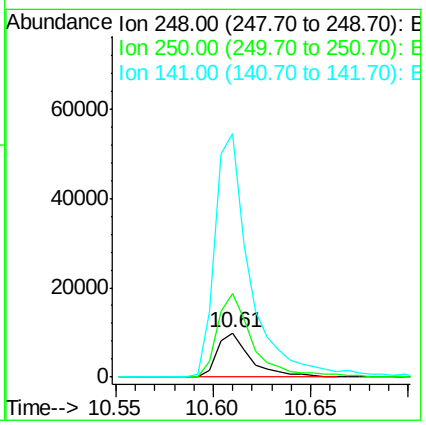


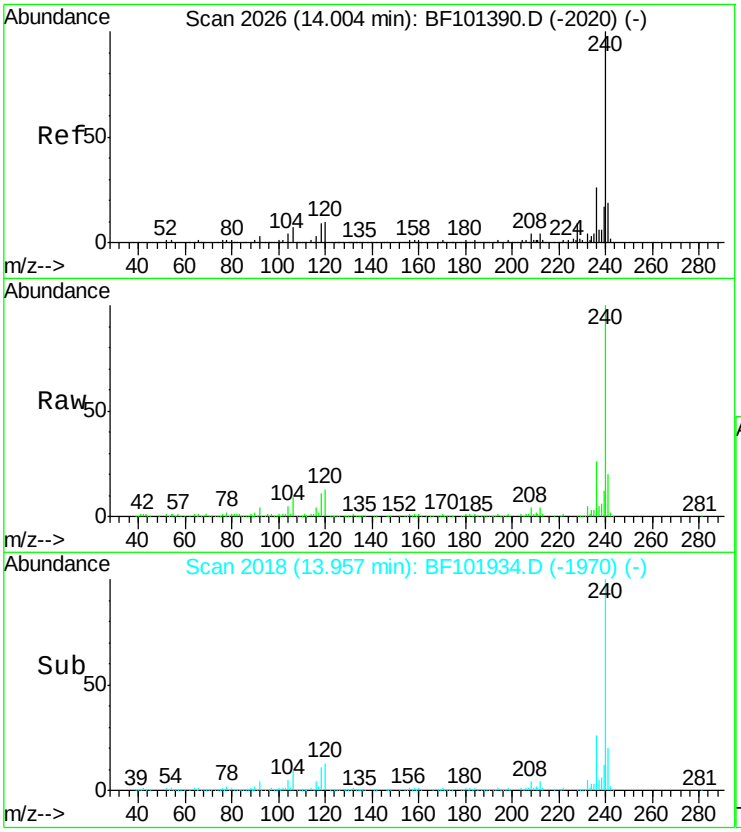


#66
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:248 Resp: 11636

Ion	Ratio	Lower	Upper
248	100		
250	188.4	76.9	115.3#
141	547.8	74.4	111.6#



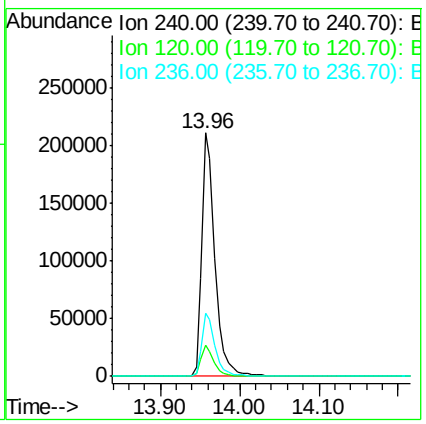


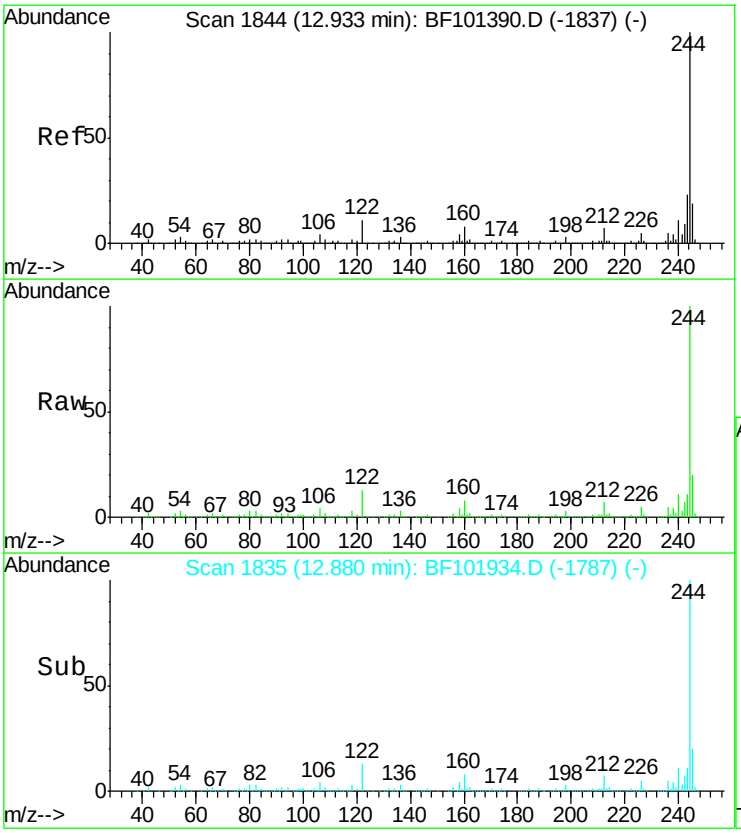
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:240 Resp: 246558

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.7	20.7	31.1

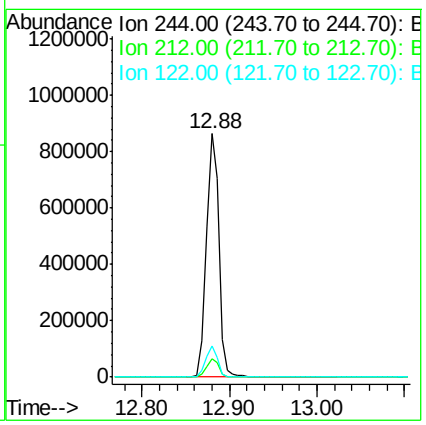


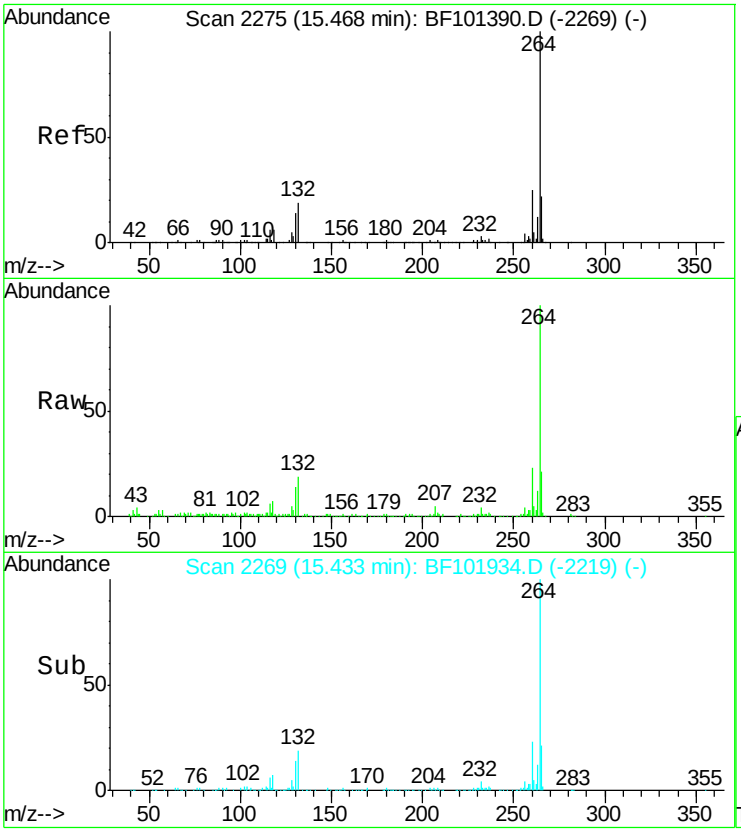


#78
Terphenyl-d14
Concen: 84.016 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Tgt Ion:244 Resp: 859264

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101934.D
Acq: 5 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-F

Tgt Ion:264 Resp: 198527

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3