Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103398.D
Acq On : 3 Mar 2018 7:49
Operator : SJ/JU
Sample : J1751-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-030118-F

Quant Time: Mar 05 00:10:29 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	129252	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	527716	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	198373	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291100	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212282	20.00	ng	0.00
86) Perylene-d12	15.57	264	140134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1091174	127.68	ng	0.02
7) Phenol-d6	6.52	99	1196522	114.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	864241	93.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	188777	112.43	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1269240	122.32	ng	0.00
78) Terphenyl-d14	13.00	244	905205	102.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	1902	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	118565	18.218	ng	# 83
50) 2,6-Dinitrotoluene	9.92	165	25384	7.601	ng	# 26
56) 2,4-Dinitrotoluene	9.92	165	25384	6.010	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	375	5.135	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13705	4.520	ng	# 1

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

Quantitation Report (Not Reviewed)

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JC-02-030118-F

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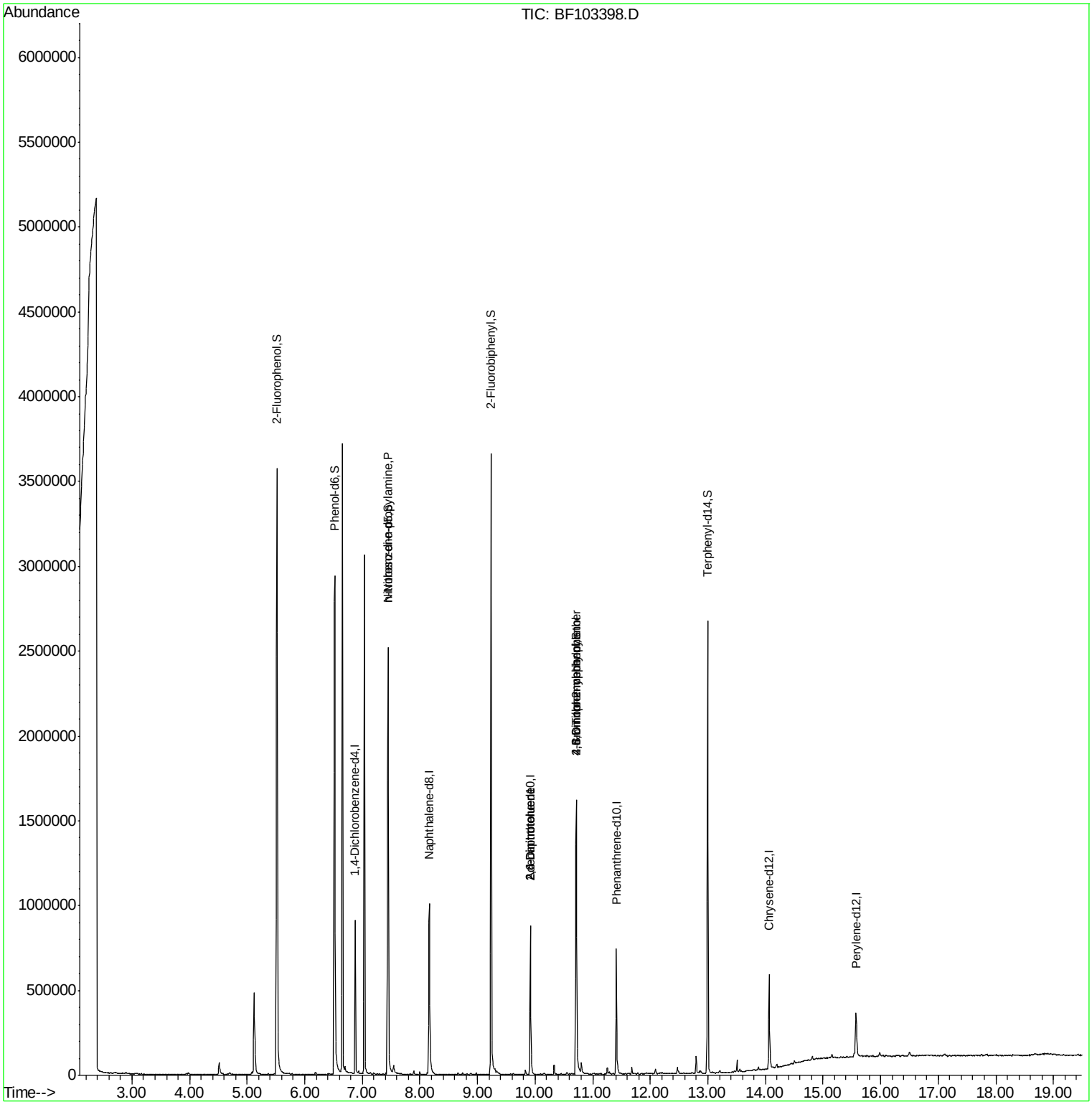
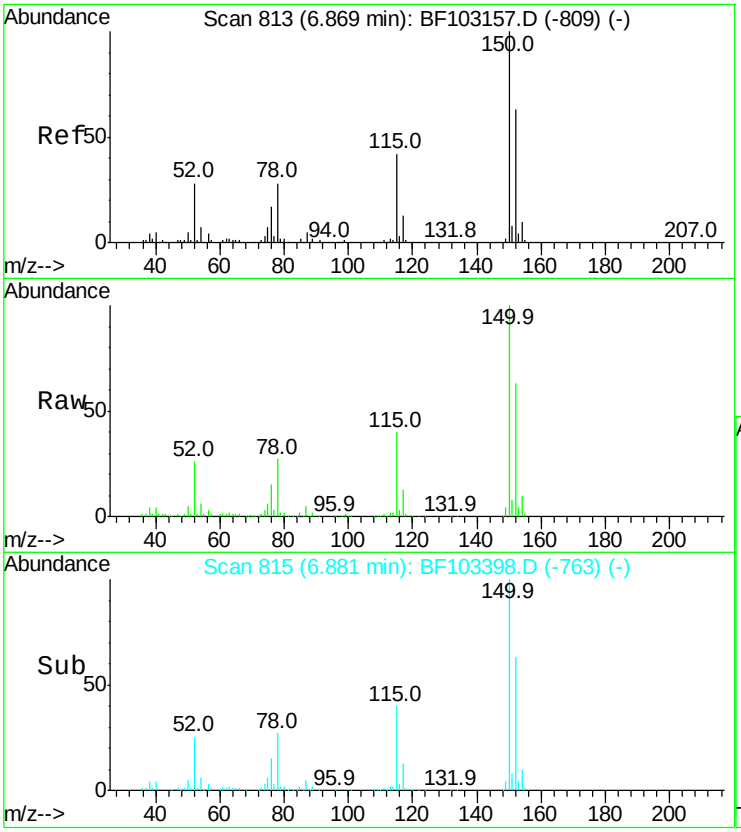


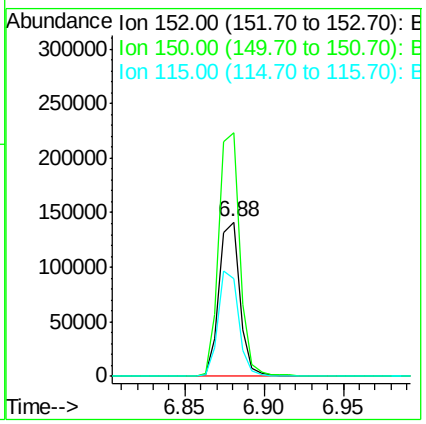


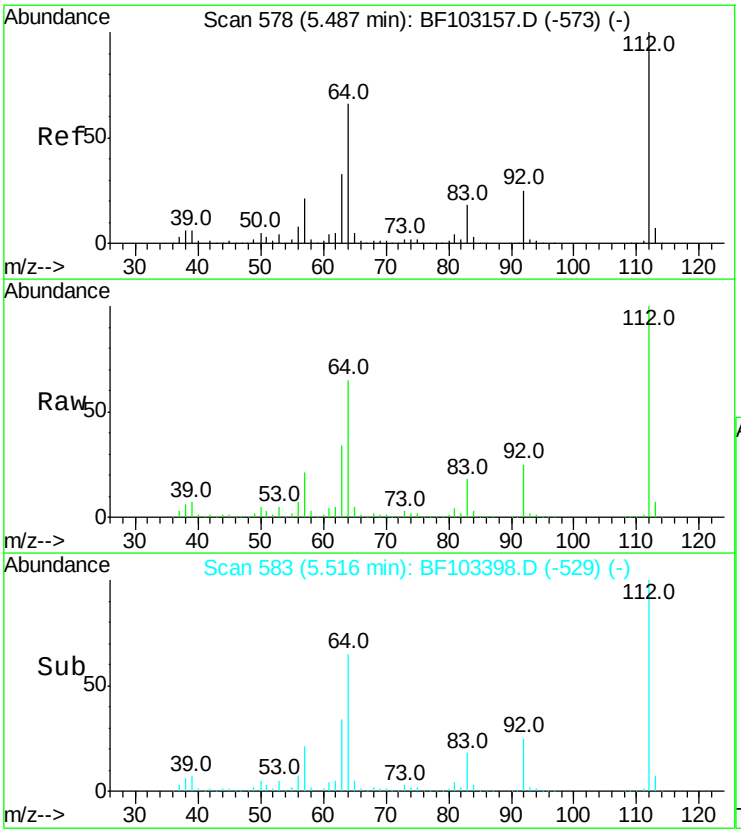
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:152 Resp: 129252

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	63.1	50.1	75.1

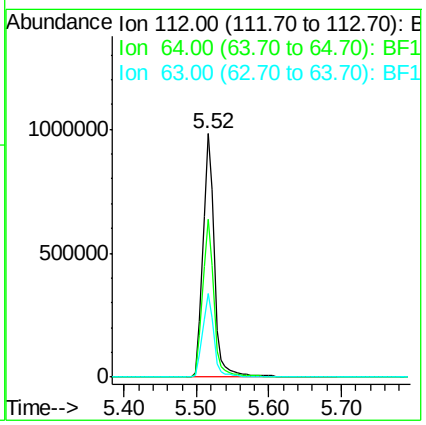


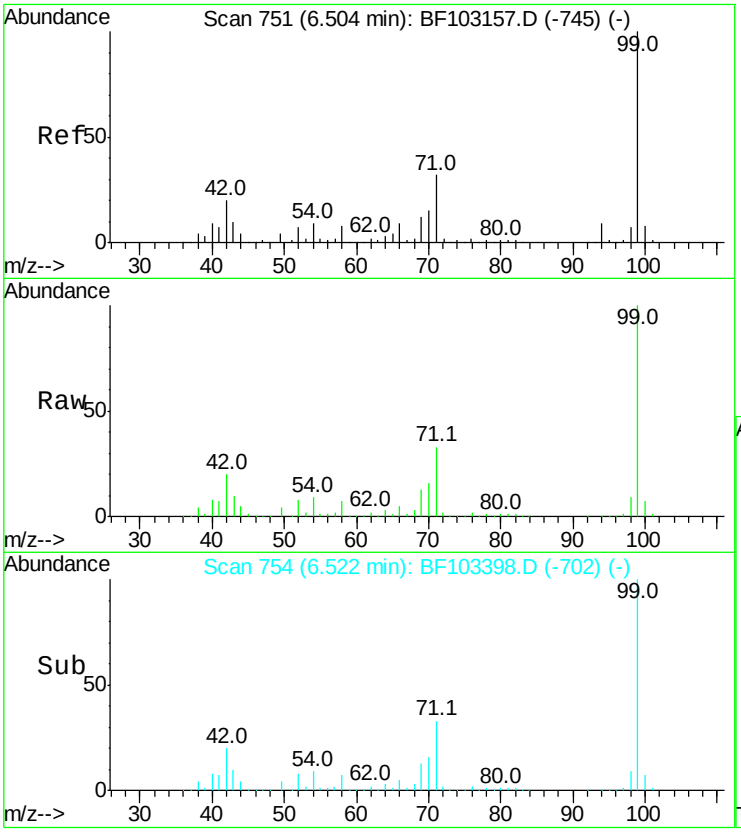


#5
2-Fluorophenol
Concen: 127.683 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:112 Resp: 1091174

Ion	Ratio	Lower	Upper
112	100		
64	65.1	47.9	71.9
63	34.2	23.7	35.5



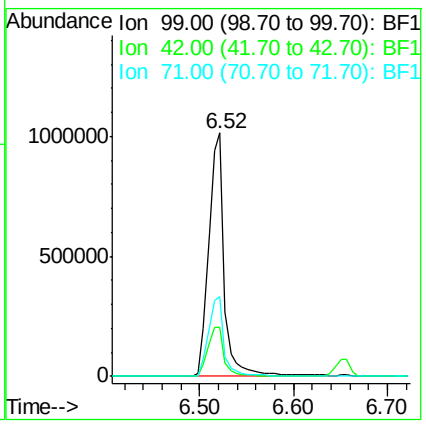


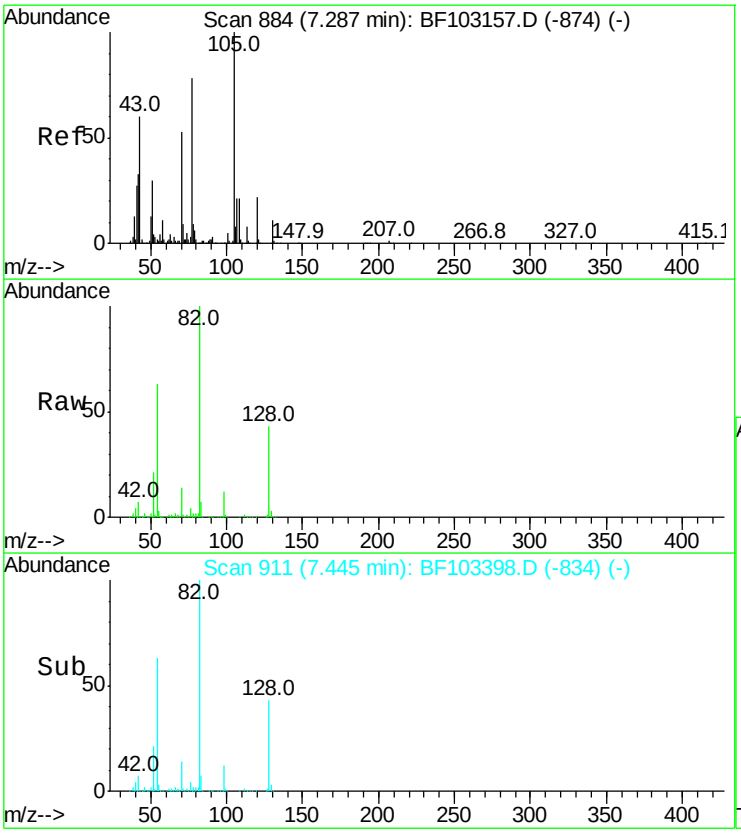
#7
Phenol-d6
Concen: 114.420 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion: 99 Resp: 1196522

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.7	25.4	38.0

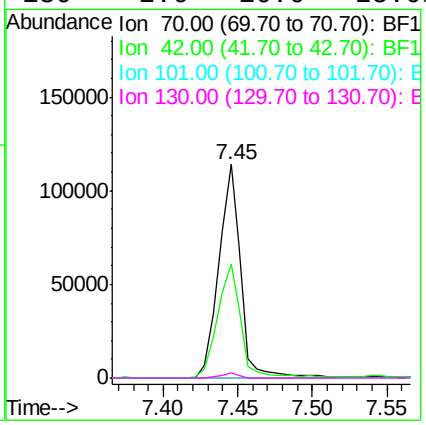


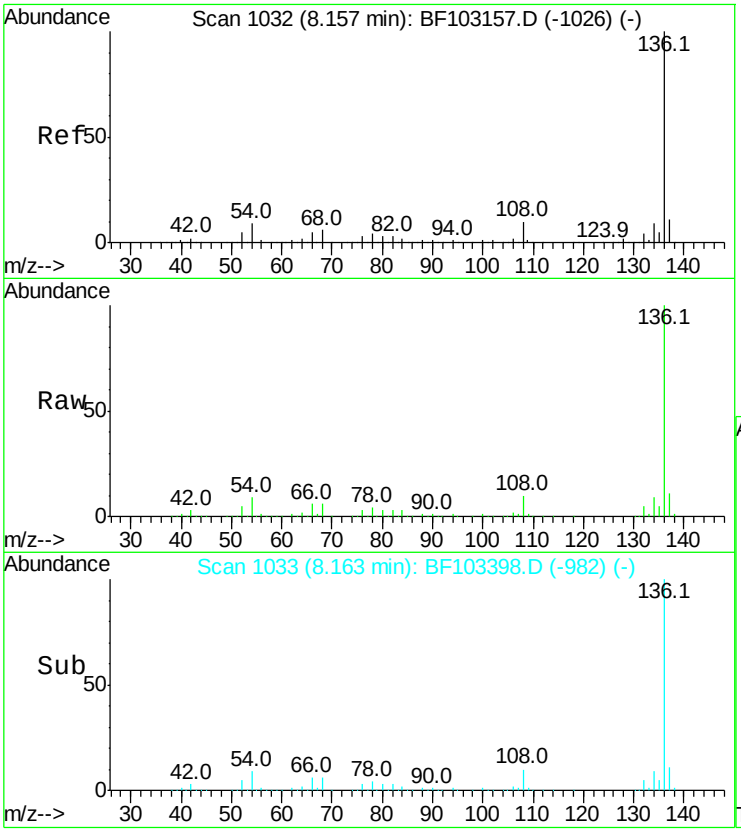


#19
n-Nitroso-di-n-propylamine
Concen: 18.218 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion: 70 Resp: 118565

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



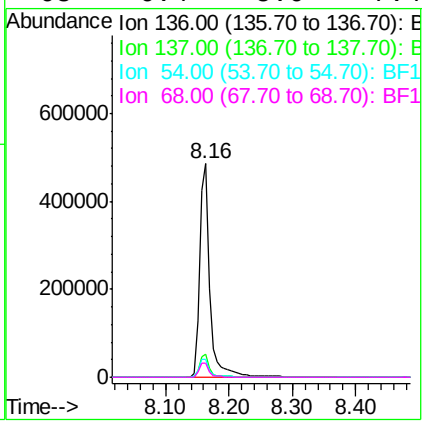


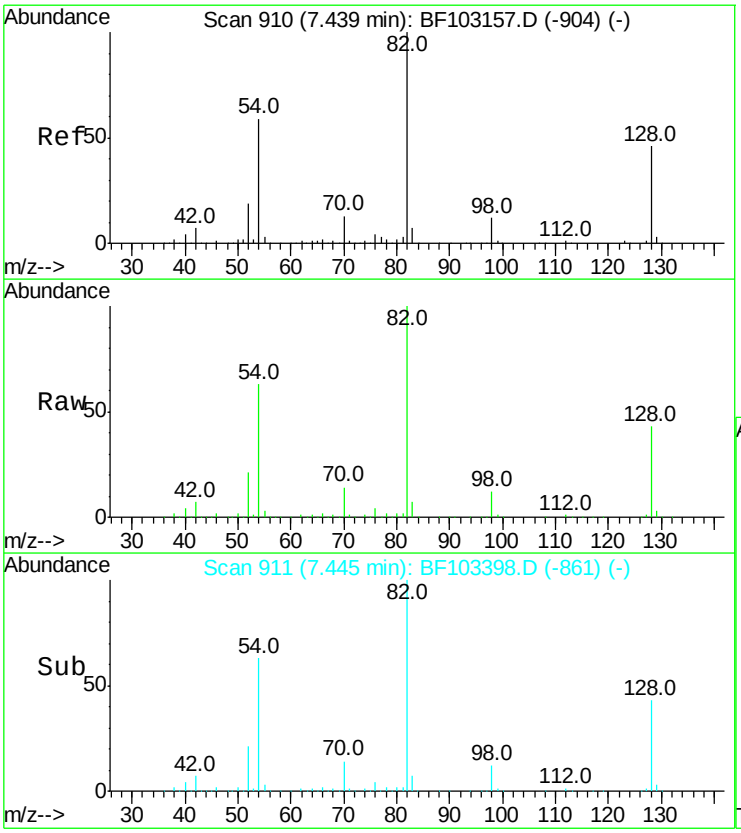
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:136 Resp: 527716

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.6	9.8
68	6.4	5.0	7.4

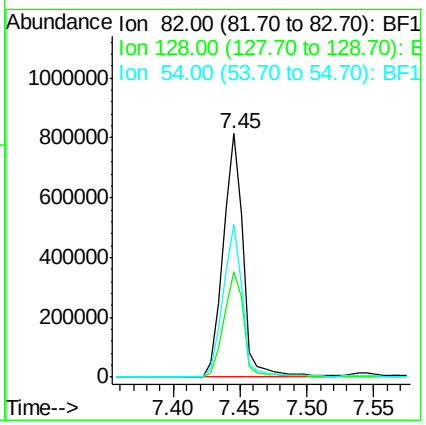


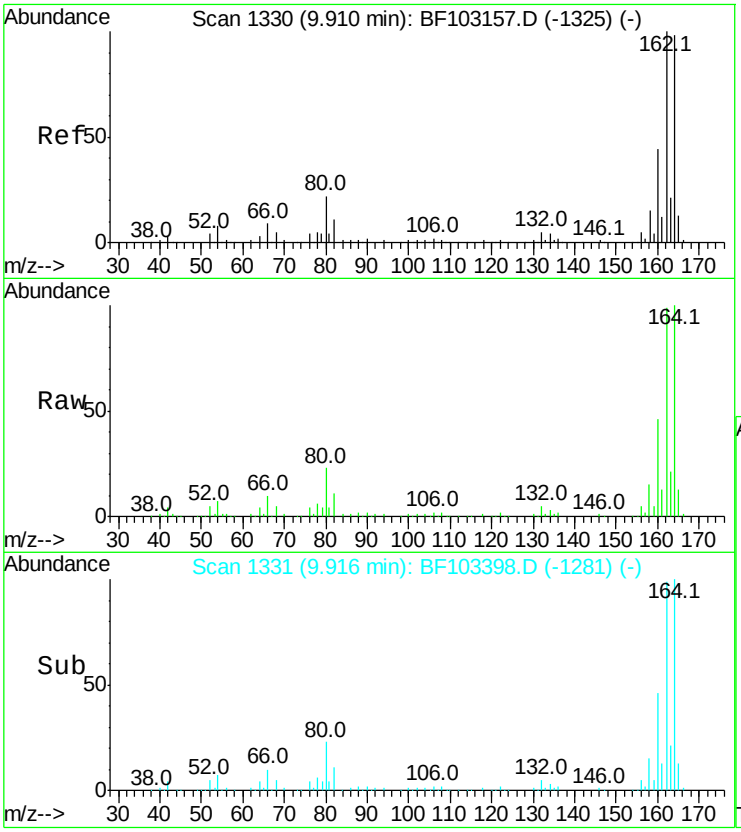


#23
Nitrobenzene-d5
Concen: 93.527 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion: 82 Resp: 864241

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	62.5	41.4	62.2#



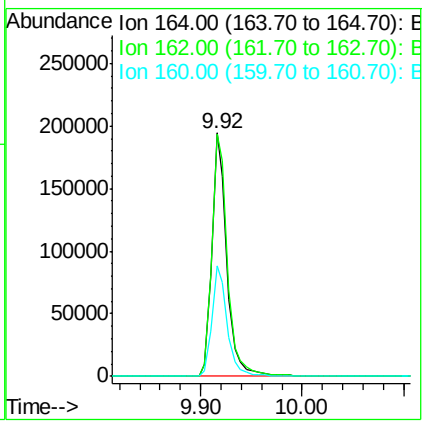


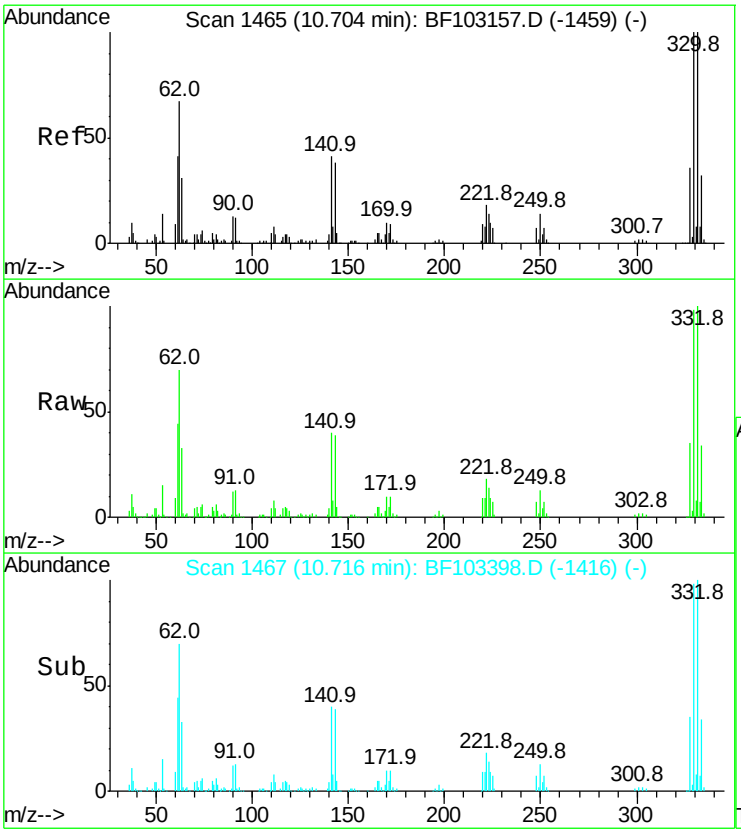
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:164 Resp: 198373

Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	45.6	38.3	57.5

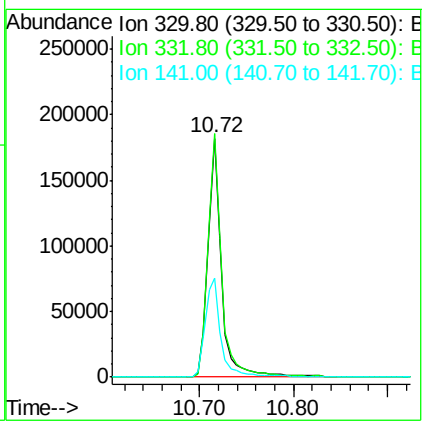


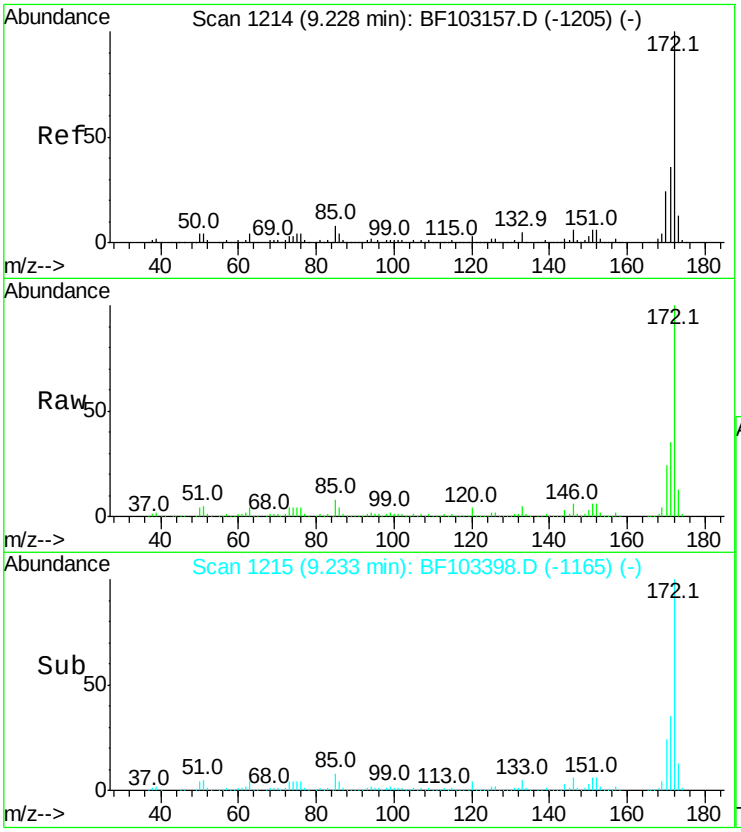


#41
2,4,6-Tribromophenol
Concen: 112.426 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:330 Resp: 188777

Ion	Ratio	Lower	Upper
330	100		
332	103.0	77.0	115.6
141	47.3	29.9	44.9#



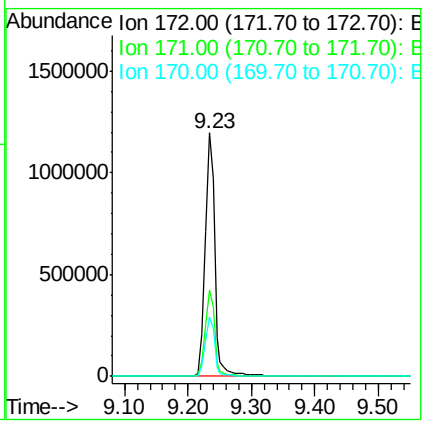


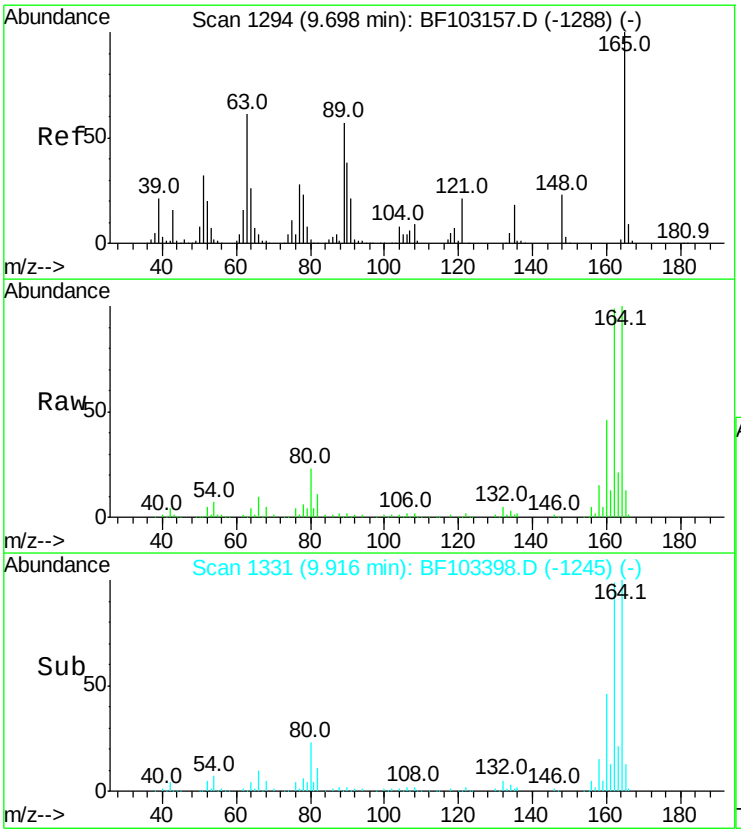
#44
2-Fluorobiphenyl
Concen: 122.317 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:172 Resp: 1269240

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	19.6	29.4

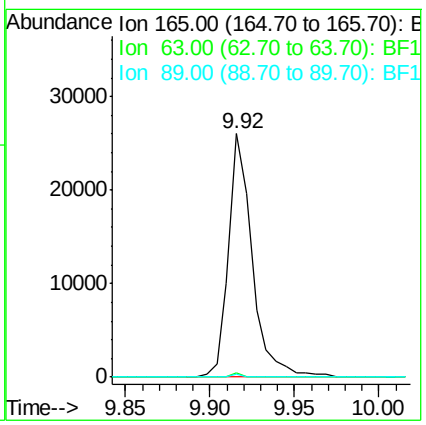


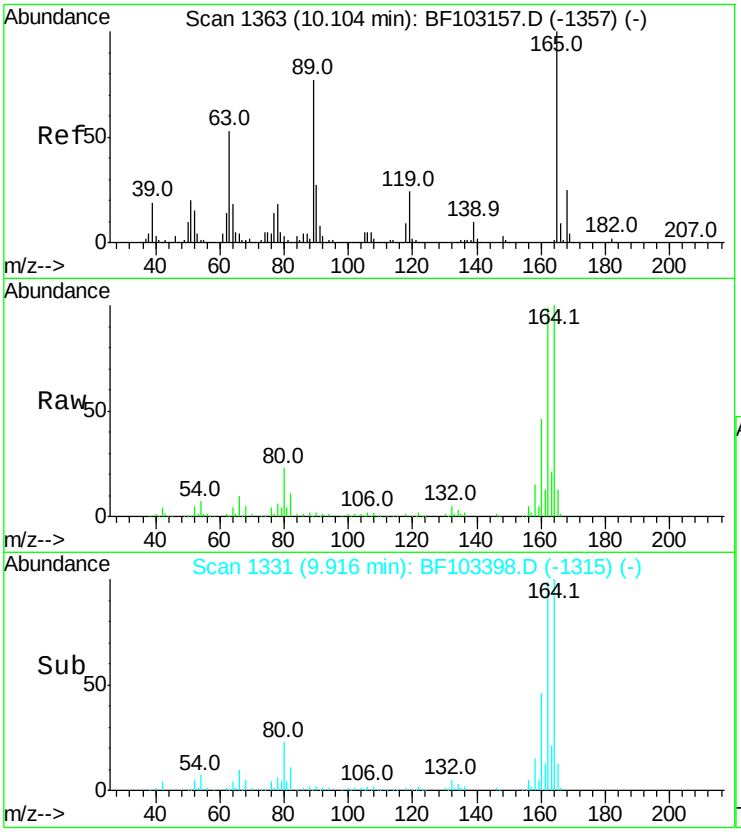


#50
2,6-Dinitrotoluene
Concen: 7.601 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:165 Resp: 25384

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.2	44.0	66.0#



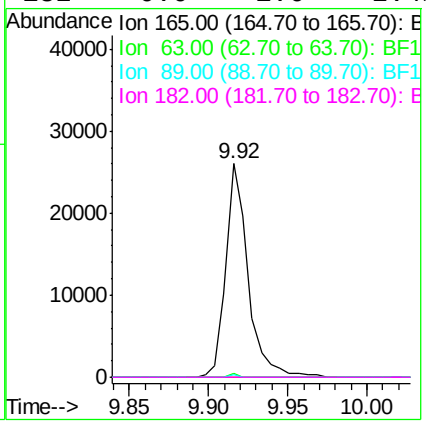


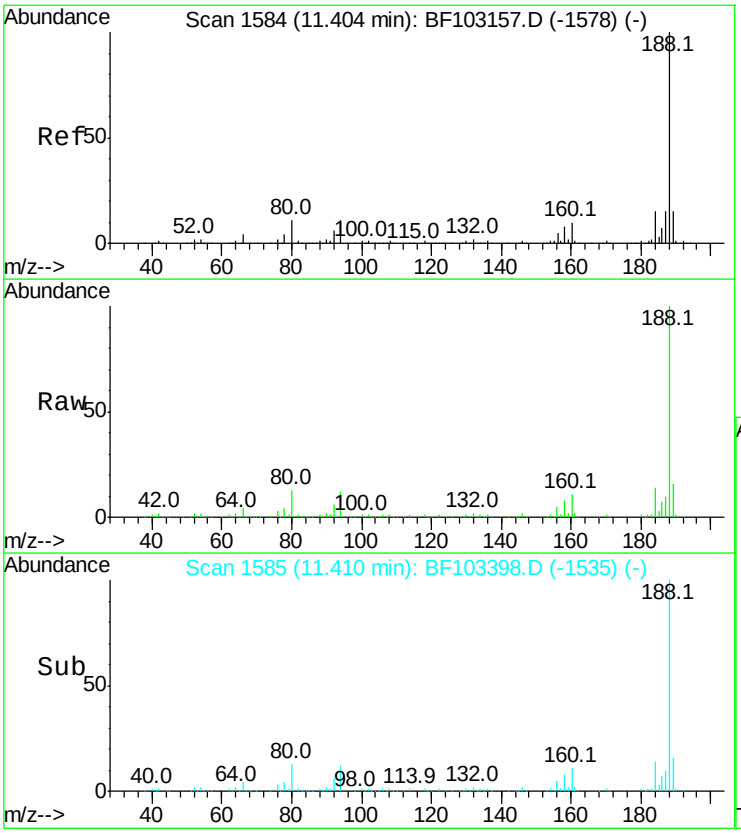
#56
2,4-Dinitrotoluene
Concen: 6.010 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.21 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:165 Resp: 25384

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

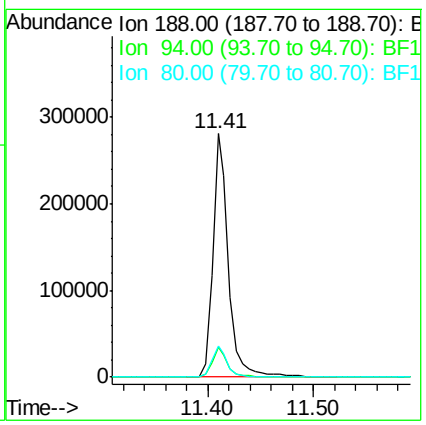


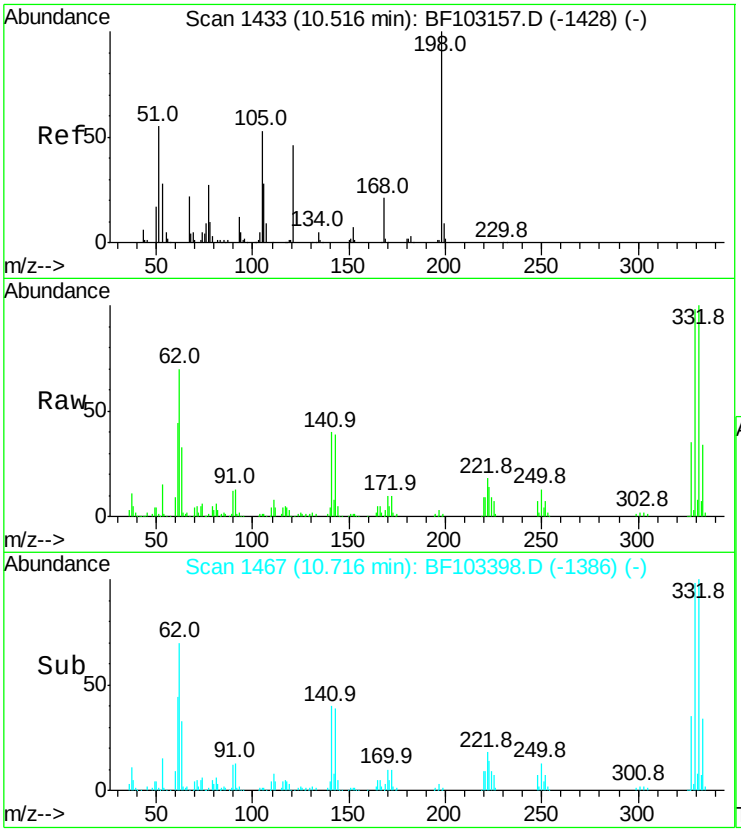


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:188 Resp: 291100

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.0	9.2	13.8



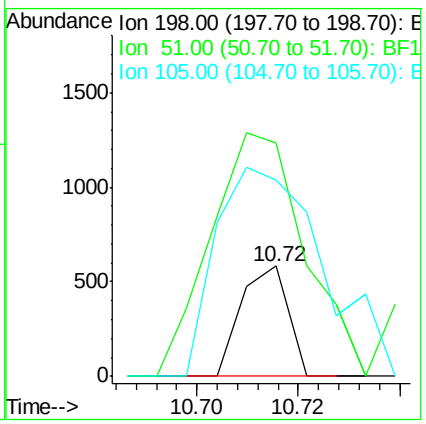


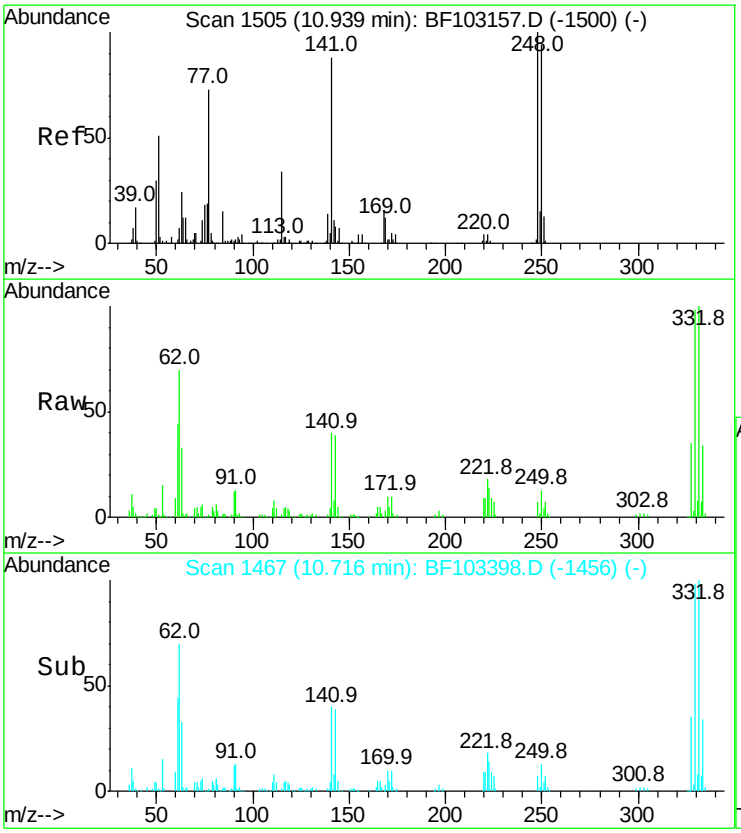
#64
4,6-Dinitro-2-methylphenol
Concen: 5.135 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:198 Resp: 375

Ion	Ratio	Lower	Upper
198	100		
51	212.2	37.7	77.7#
105	177.9	36.3	76.3#

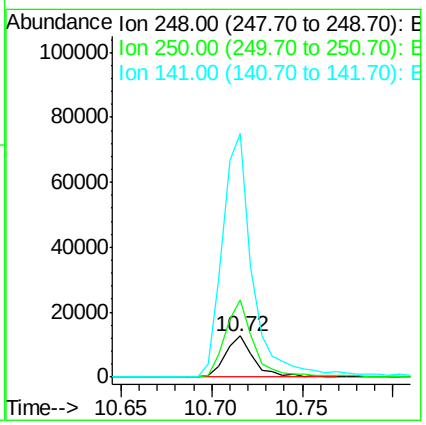


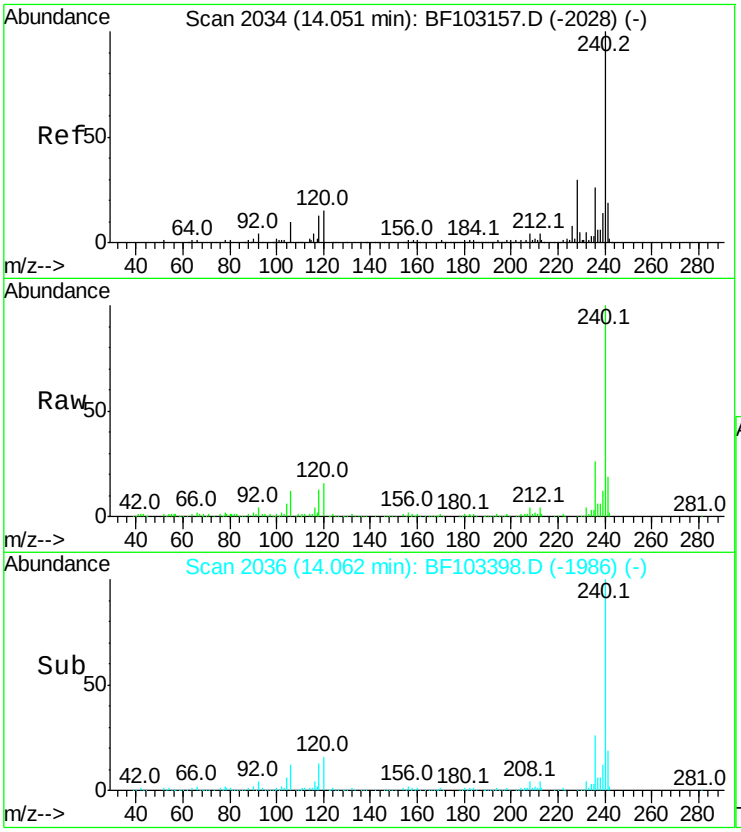


#66
4-Bromophenyl-phenylether
Concen: 4.520 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:248 Resp: 13705

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.9	115.3#
141	592.9	74.4	111.6#



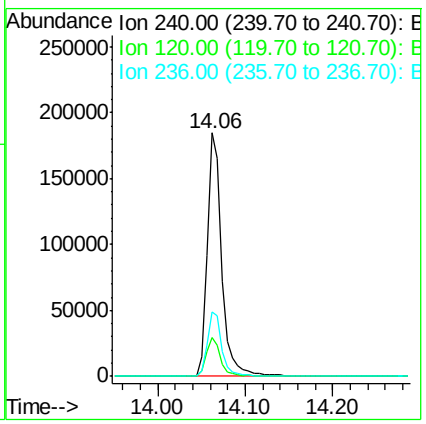


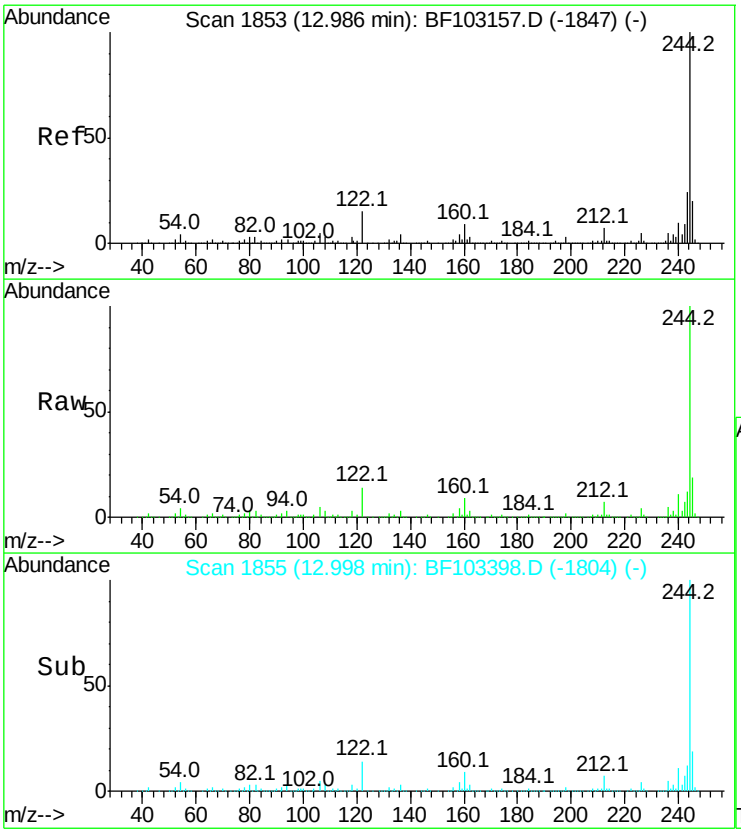
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:240 Resp: 212282

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	26.4	20.7	31.1

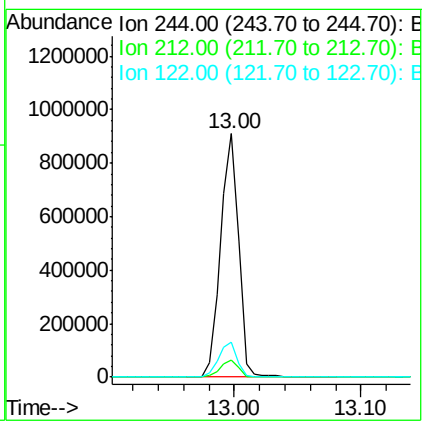


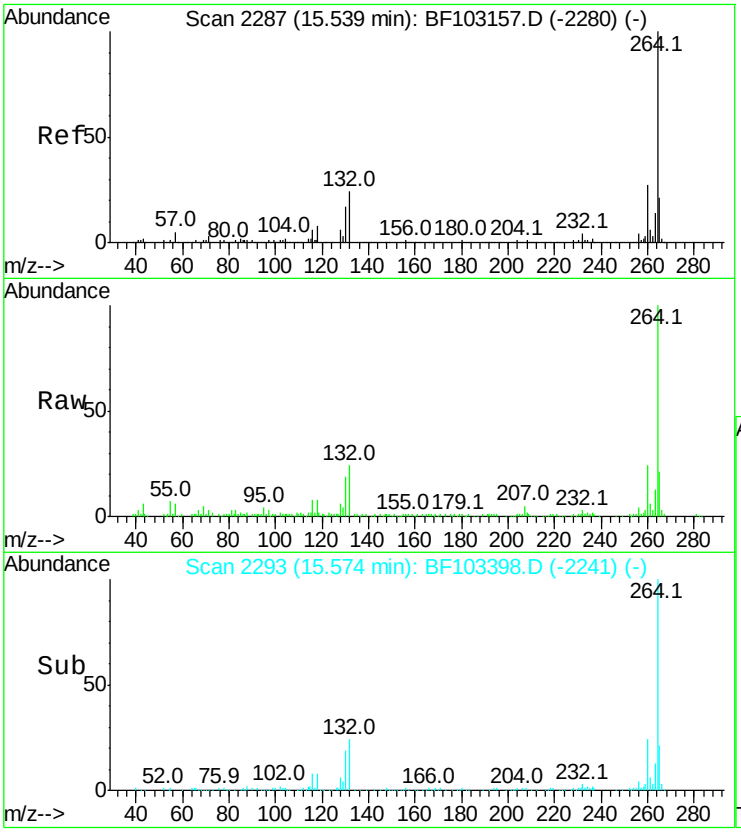


#78
Terphenyl-d14
Concen: 102.505 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Tgt Ion:244 Resp: 905205

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF103398.D
Acq: 3 Mar 2018 7:49

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-F

Tgt Ion:264 Resp: 140134

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3