Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 17 03:21:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	173387	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	689677	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	293332	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	429468	20.00	ng		0.00
75) Chrysene-d12	14.15	240	339352	20.00	ng		0.00
86) Perylene-d12	15.69	264	255037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	611325	53.63	ng		0.00
7) Phenol-d6	6.58	99	750397	53.81	ng		0.00
23) Nitrobenzene-d5	7.53	82	424102	42.88	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	122969	48.76	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	712184	38.73	ng		0.00
78) Terphenyl-d14	13.09	244	499455	34.16	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.50	117	12842	2.671	ng	#	1
22) Acetophenone	7.36	105	45692	2.578	ng	#	59
26) 2-Nitrophenol	7.86	139	869	9.604	ng	#	1
32) Benzoic acid	8.01	122	389	9.950	ng	#	1
47) 2-Nitroaniline	9.56	65	751	6.941	ng	#	1
49) Dimethylphthalate	9.72	163	67618	3.021	ng	#	98
50) 2,6-Dinitrotoluene	9.66	165	1412	4.283	ng	#	76
52) 3-Nitroaniline	9.96	138	576	3.917	ng	#	40
53) 2,4-Dinitrophenol	10.29	184	115	6.476	ng	#	39
55) 4-Nitrophenol	10.11	139	1148	5.233	ng	#	1
56) 2,4-Dinitrotoluene	10.01	165	42857	13.016	ng	#	24
61) 4-Nitroaniline	10.63	138	1574	4.040	ng		83
64) 4,6-Dinitro-2-methylphenol	10.80	198	189	8.248	ng	#	1

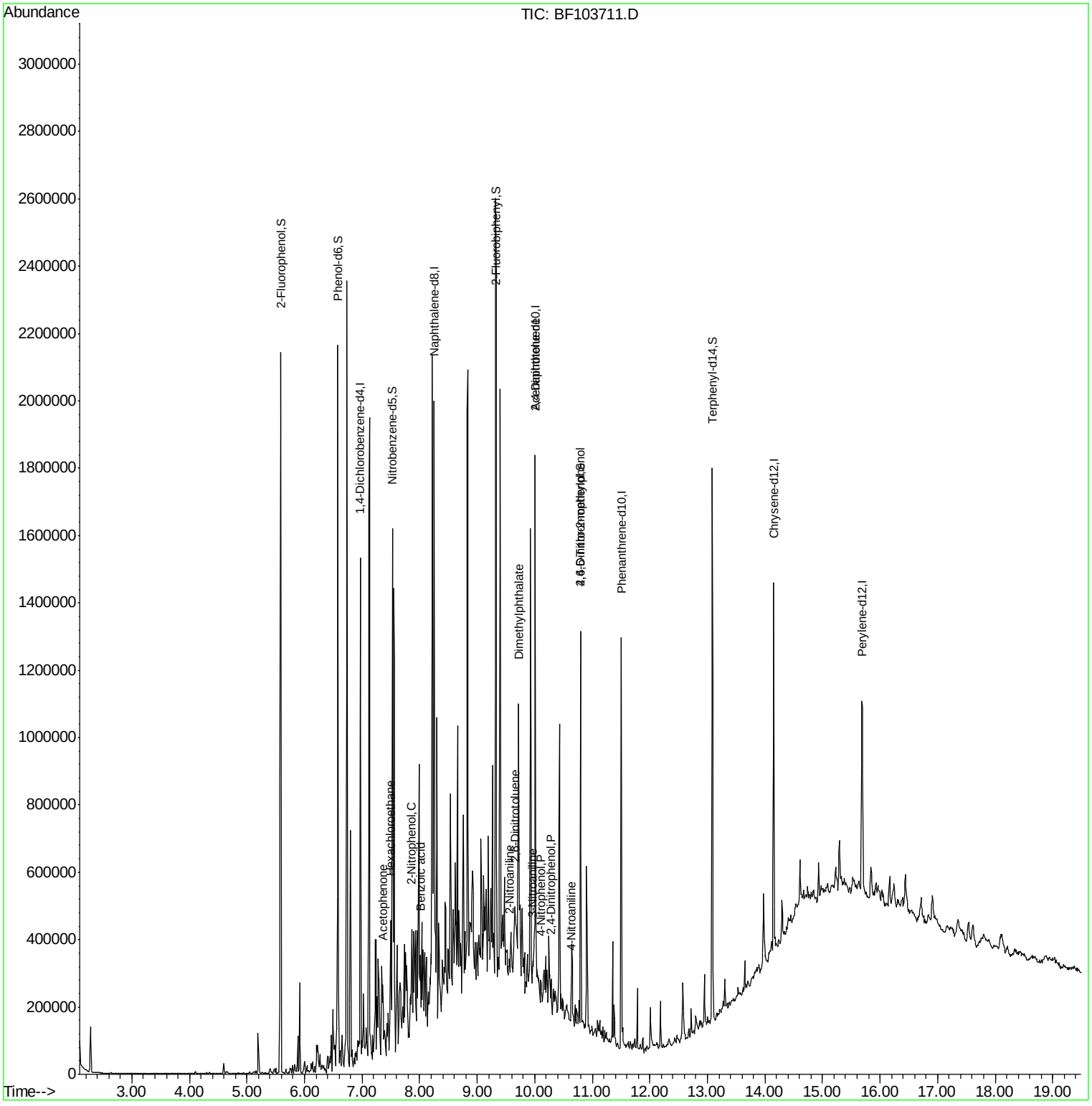
(#) = qualifier out of range (m) = manual integration (+) = signals summed

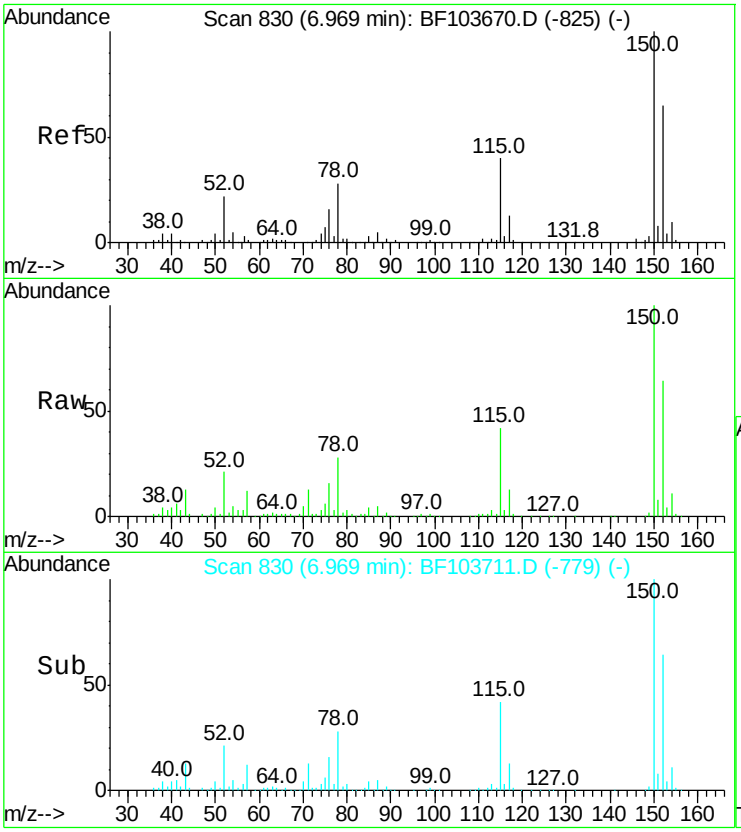
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103711.D
Acq On : 16 Mar 2018 22:00
Operator : JU/SJ
Sample : J1750-05 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 17 03:21:09 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



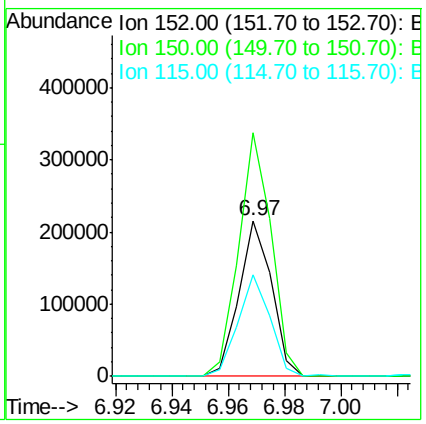


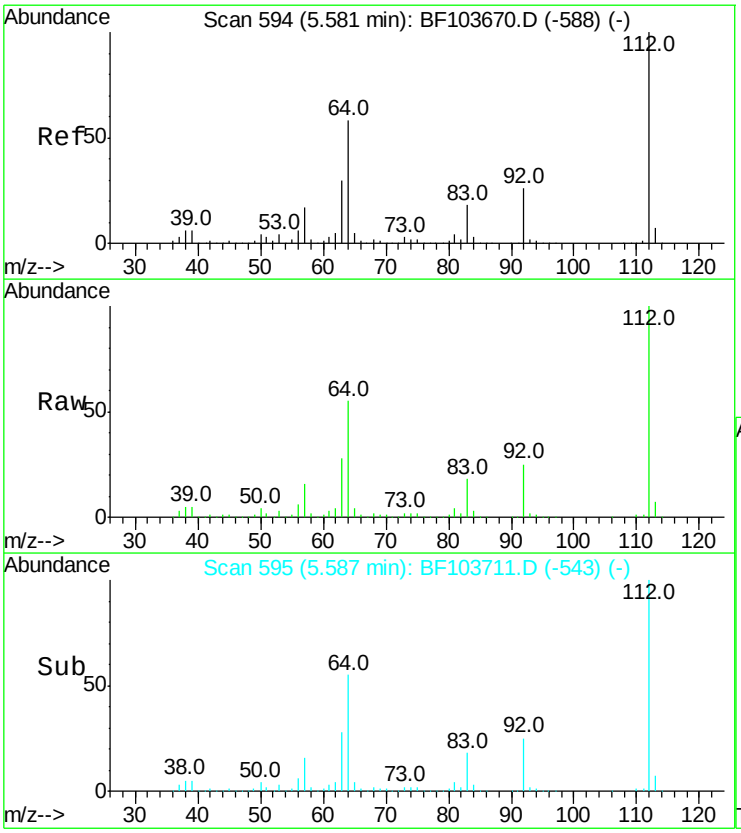
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 173387

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	65.3	50.1	75.1

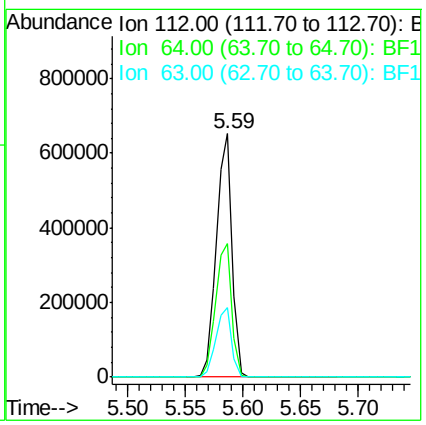


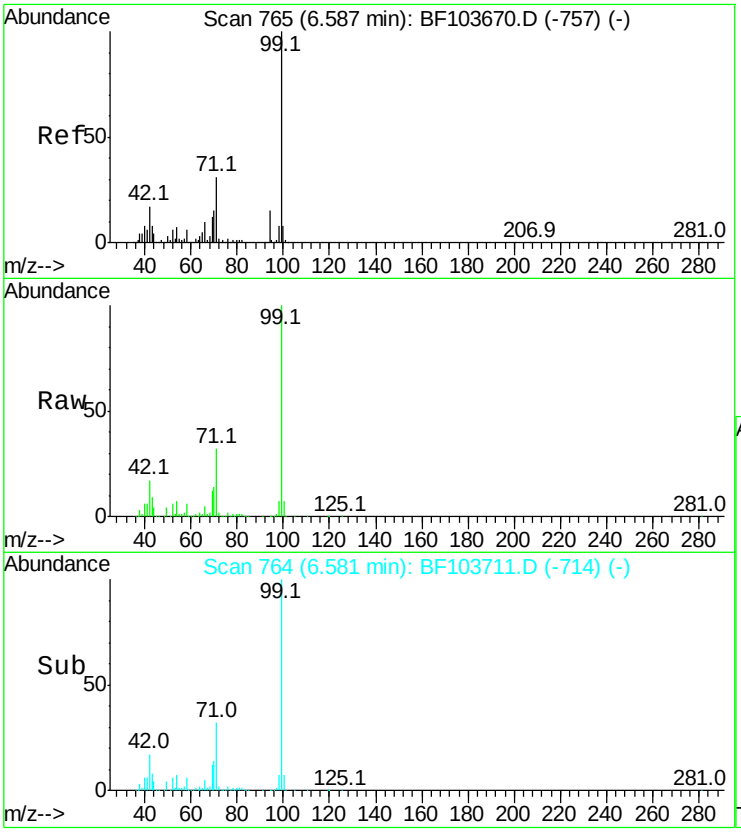


#5
2-Fluorophenol
Concen: 53.627 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:112 Resp: 611325

Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	28.4	23.7	35.5



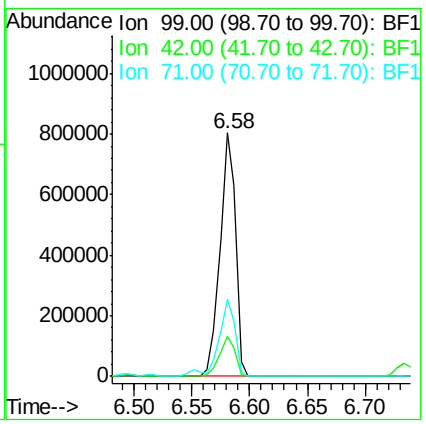


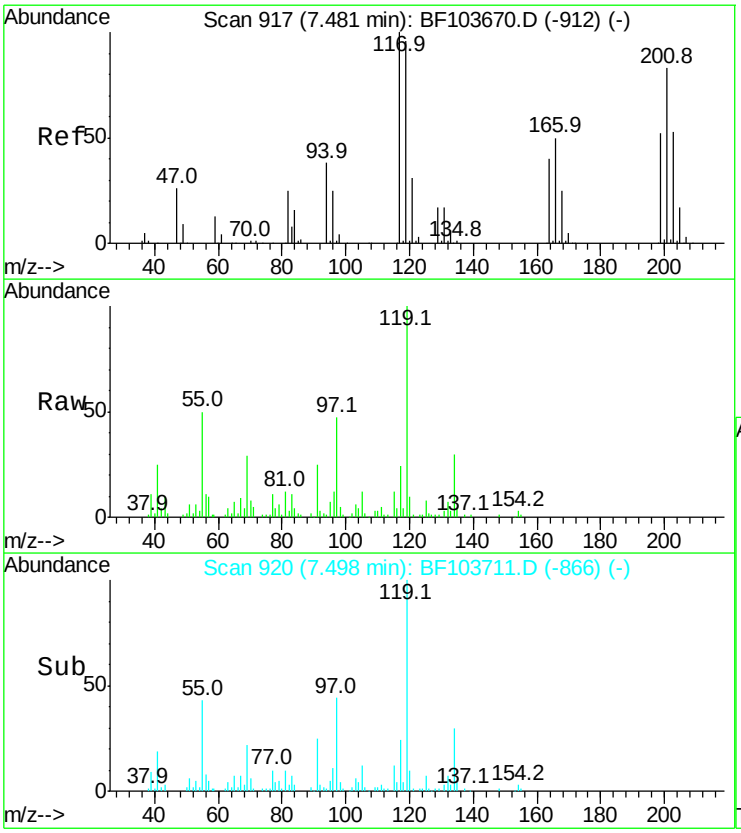
#7
Phenol-d6
Concen: 53.805 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 750397

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	31.9	25.4	38.0

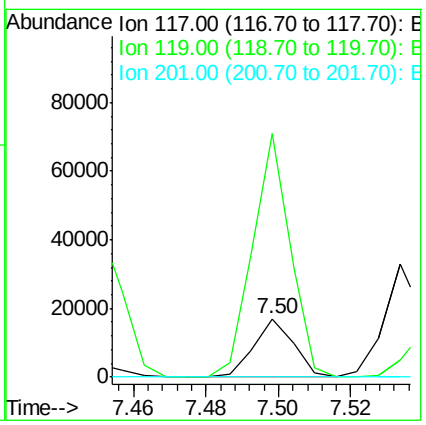


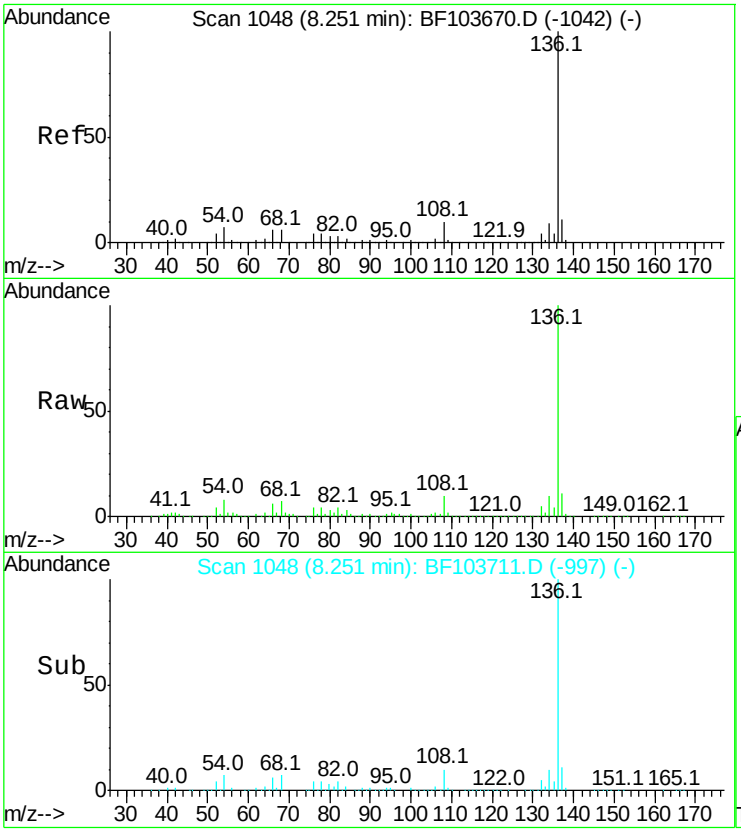


#18
Hexachloroethane
Concen: 2.671 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.02 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:117 Resp: 12842

Ion	Ratio	Lower	Upper
117	100		
119	415.3	75.8	113.8#
201	0.0	75.7	113.5#



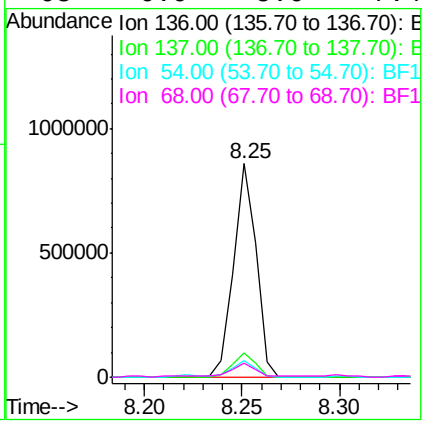


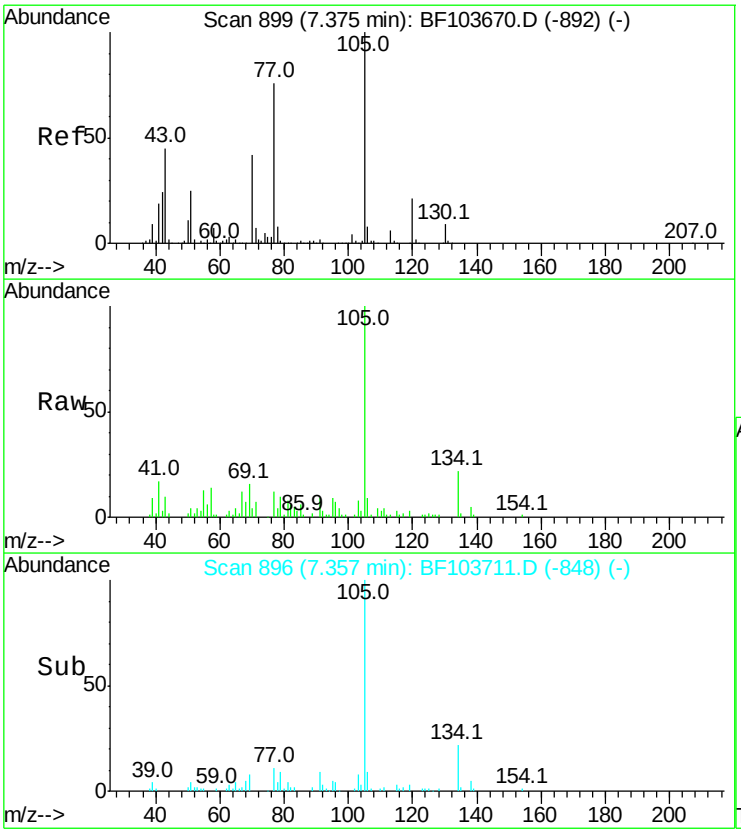
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 689677

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	6.6	9.8
68	6.9	5.0	7.4

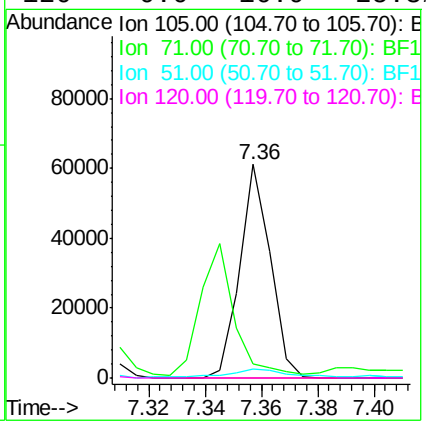


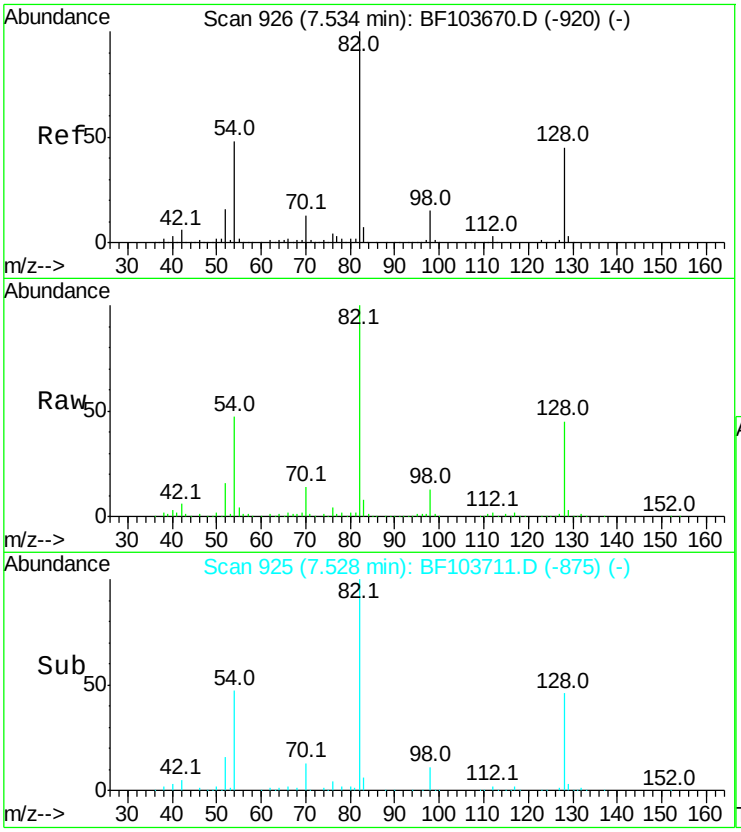


#22
Acetophenone
Concen: 2.578 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:105 Resp: 45692

Ion	Ratio	Lower	Upper
105	100		
71	6.7	4.4	6.6#
51	4.3	22.3	33.5#
120	0.0	16.9	25.3#



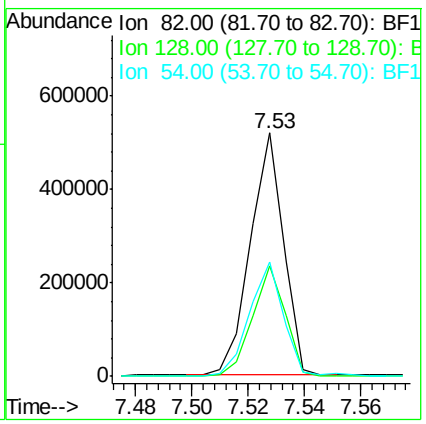


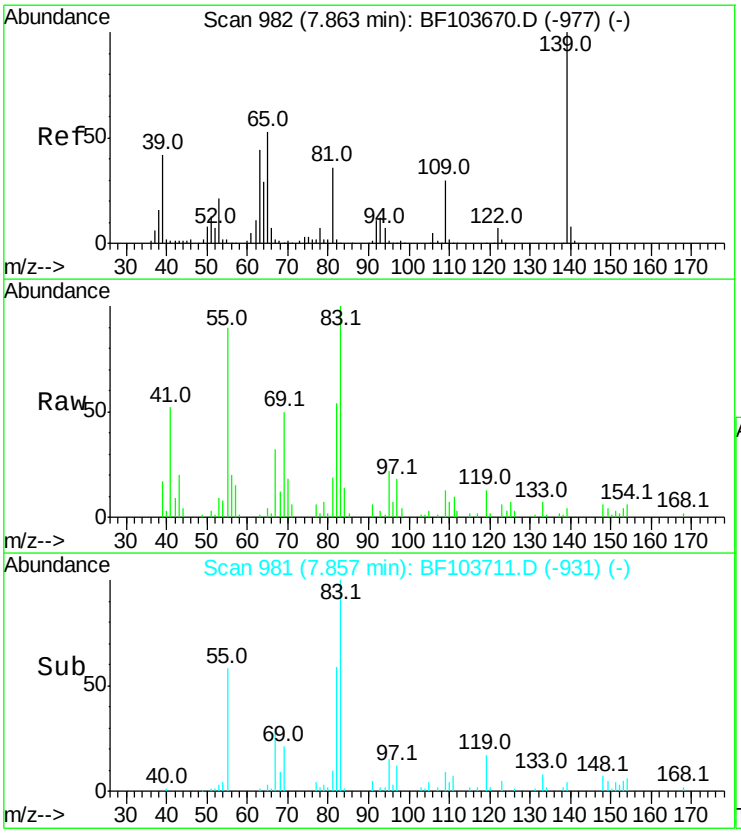
#23
Nitrobenzene-d5
Concen: 42.883 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 424102

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	47.0	41.4	62.2

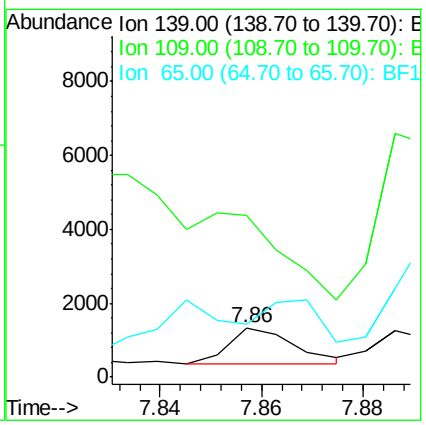


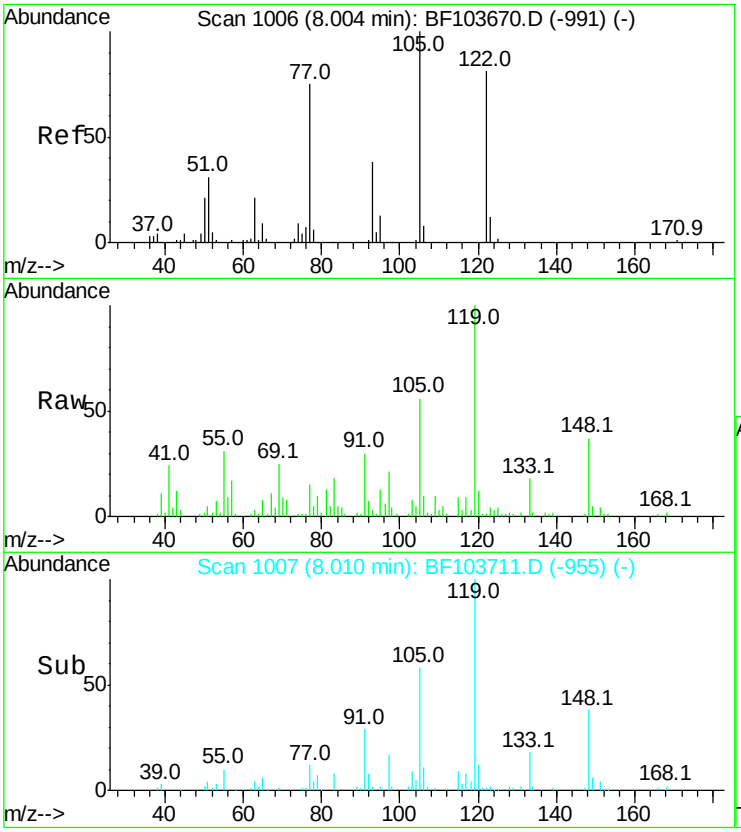


#26
2-Nitrophenol
Concen: 9.604 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:139 Resp: 869

Ion	Ratio	Lower	Upper
139	100		
109	329.0	22.7	34.1#
65	108.3	40.5	60.7#



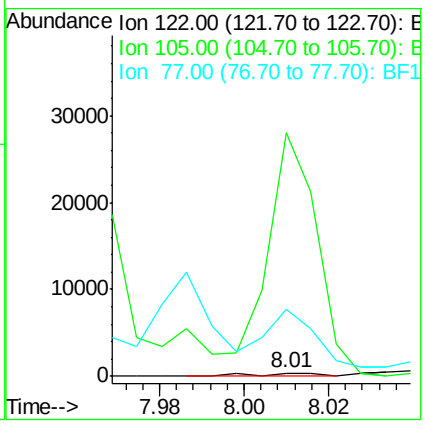


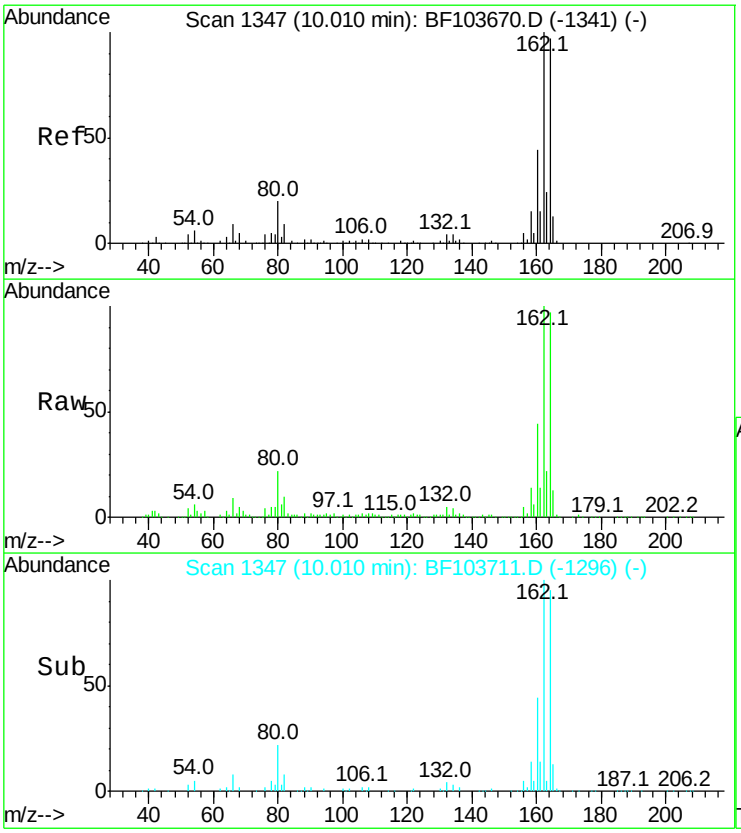
#32
Benzoic acid
Concen: 9.950 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 389

Ion	Ratio	Lower	Upper
122	100		
105	7222.7	101.1	141.1#
77	1969.1	70.7	110.7#

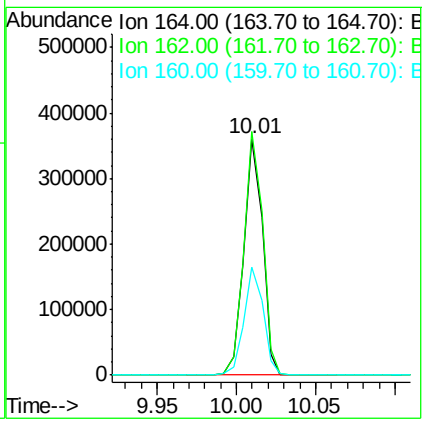


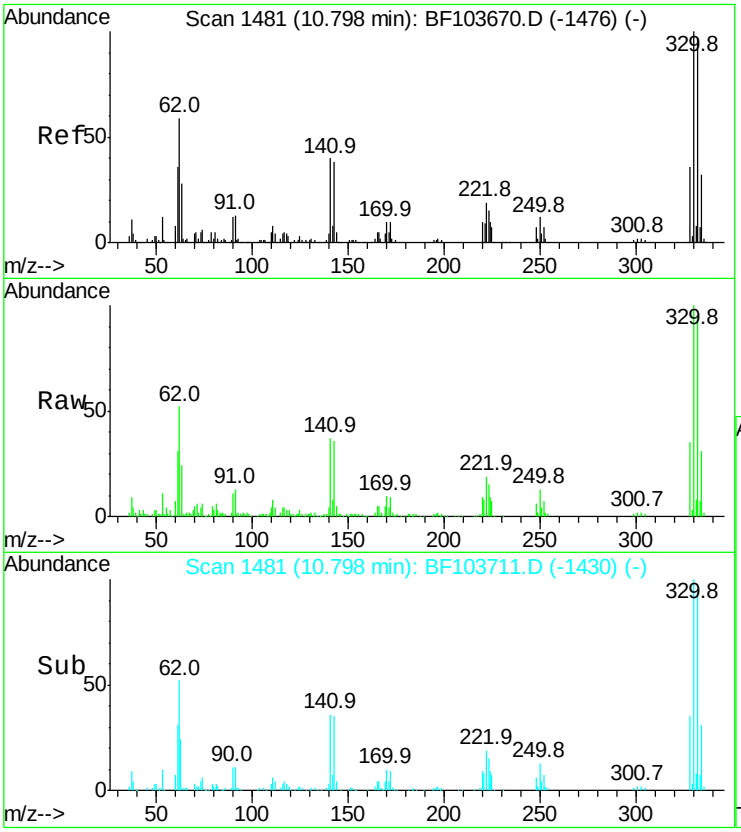


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:164 Resp: 293332

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.4	38.3	57.5



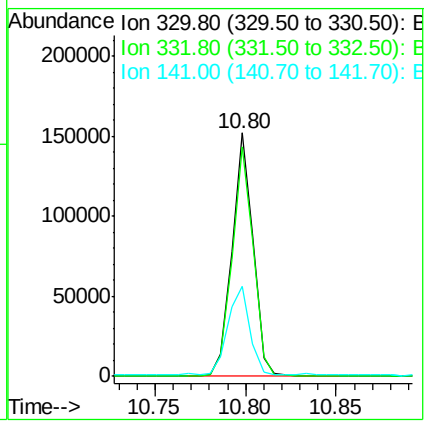


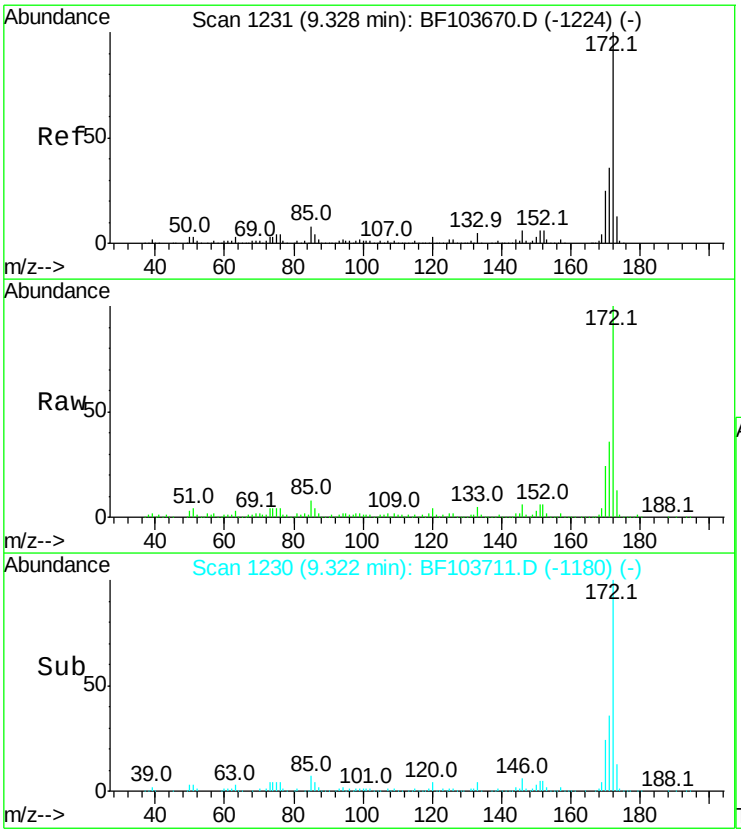
#41
2,4,6-Tribromophenol
Concen: 48.757 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 122969

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	37.6	29.9	44.9

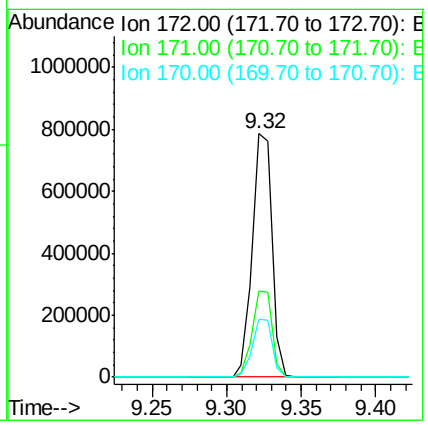


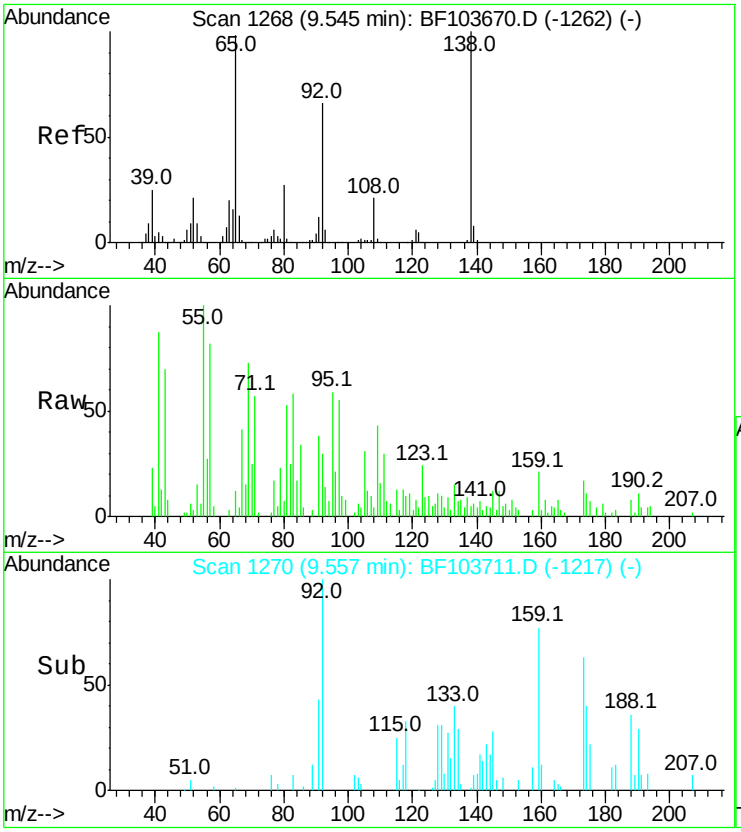


#44
2-Fluorobiphenyl
Concen: 38.729 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:172 Resp: 712184

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.7	19.6	29.4



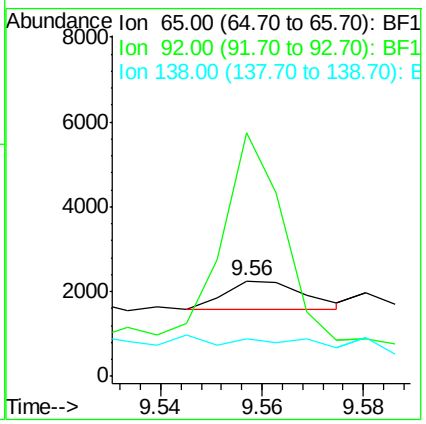


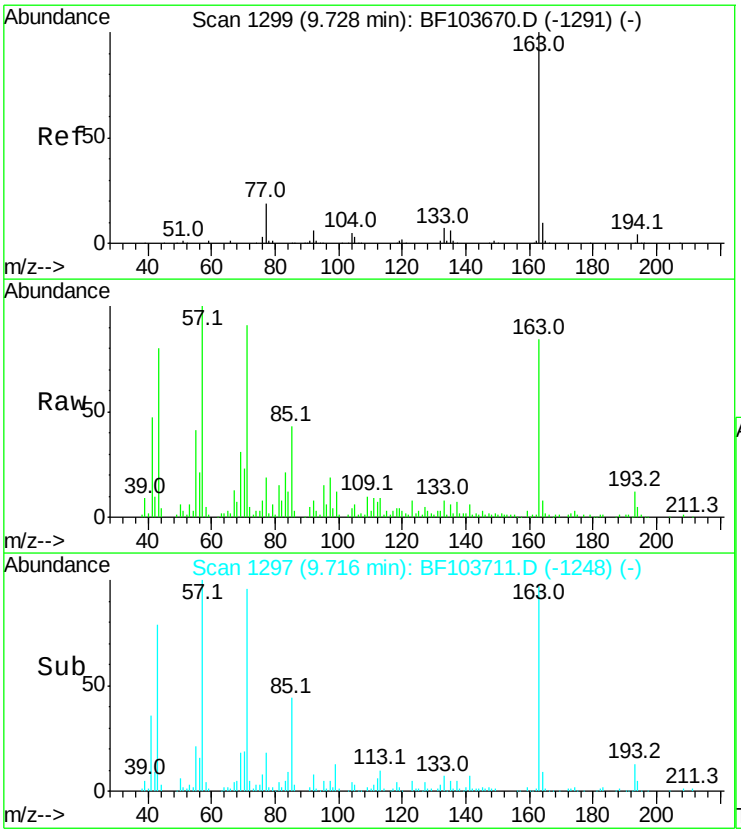
#47
2-Nitroaniline
Concen: 6.941 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 751

Ion	Ratio	Lower	Upper
65	100		
92	254.3	55.8	83.6#
138	38.6	91.2	136.8#

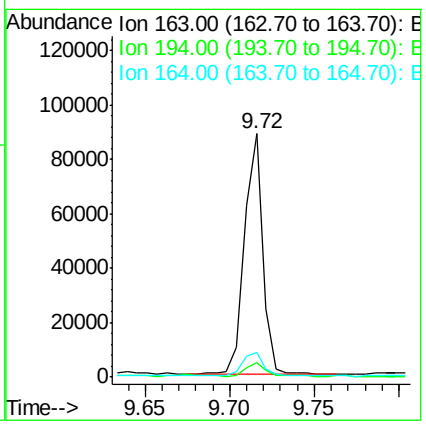


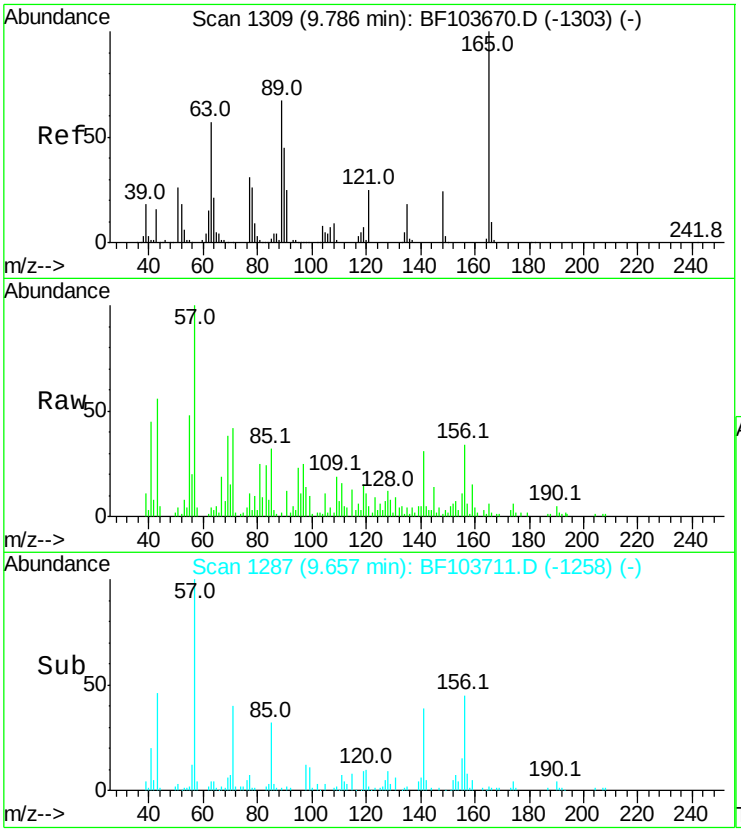


#49
Dimethylphthalate
Concen: 3.021 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:163 Resp: 67618

Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.1	8.2	12.2



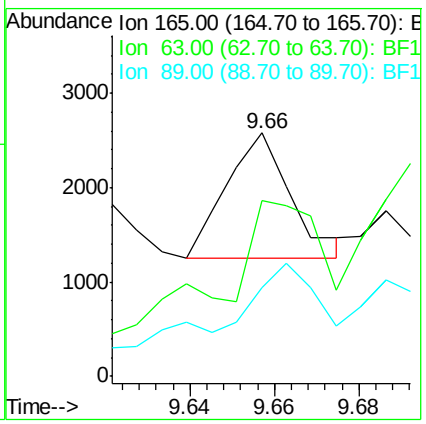


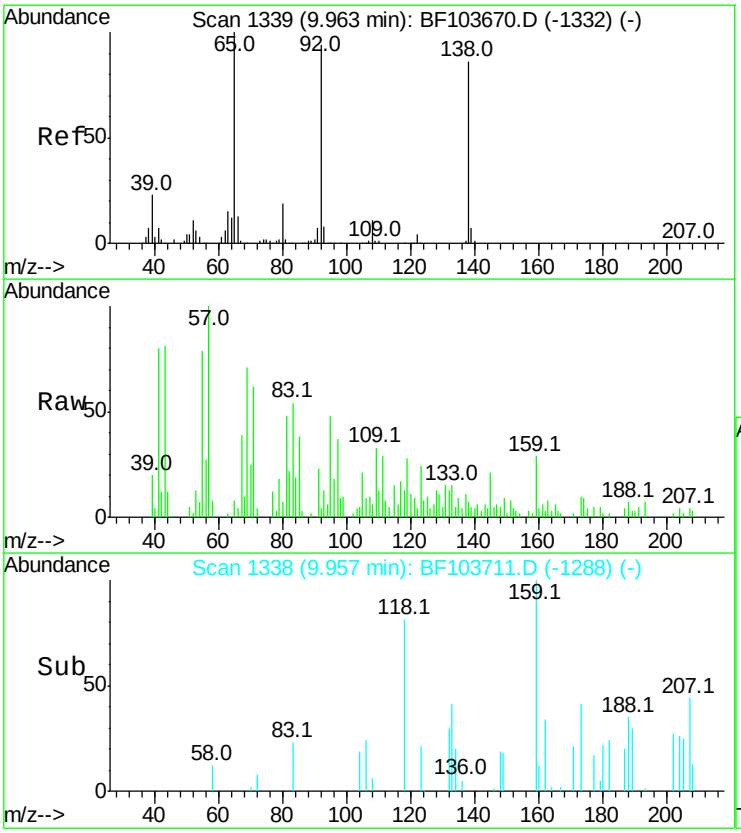
#50
2,6-Dinitrotoluene
Concen: 4.283 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.13 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1412

Ion	Ratio	Lower	Upper
165	100		
63	72.5	44.7	67.1#
89	36.4	44.0	66.0#

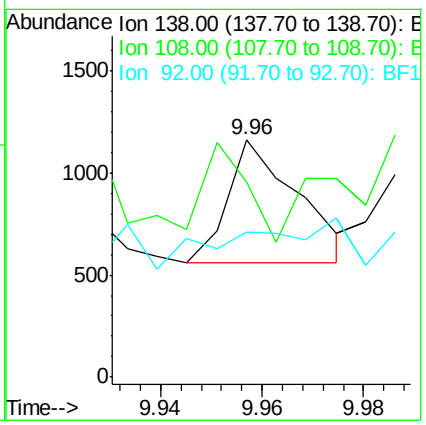


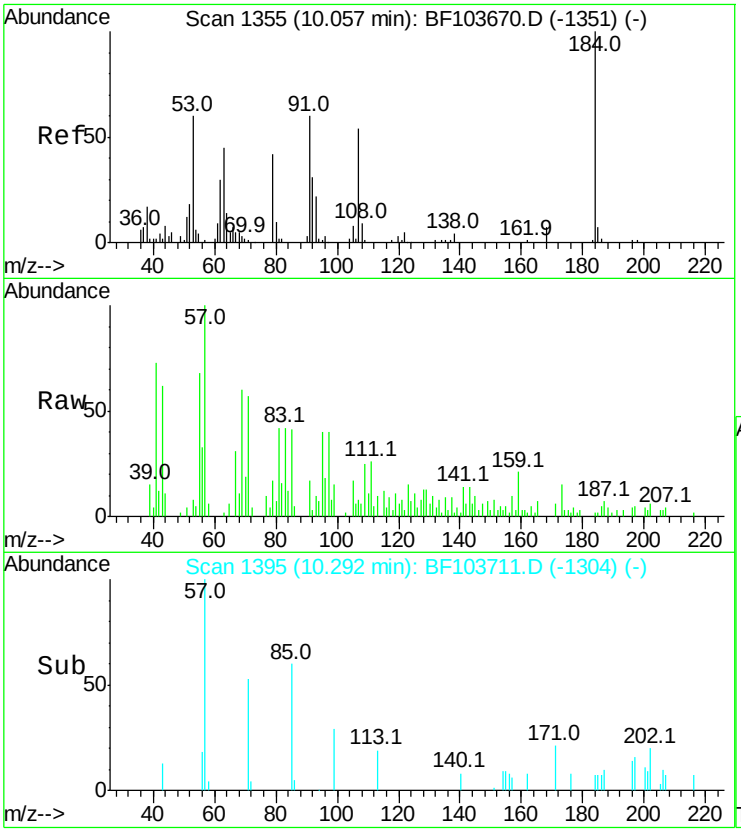


#52
3-Nitroaniline
Concen: 3.917 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:138 Resp: 576

Ion	Ratio	Lower	Upper
138	100		
108	82.4	9.4	14.0#
92	61.2	89.4	134.2#



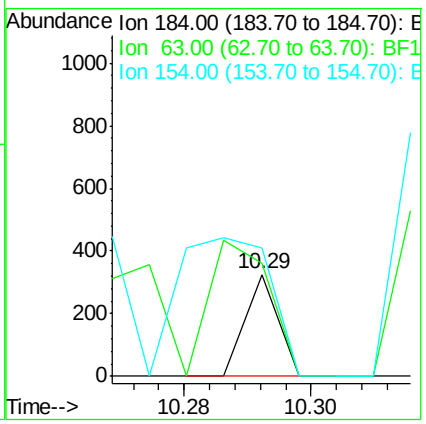


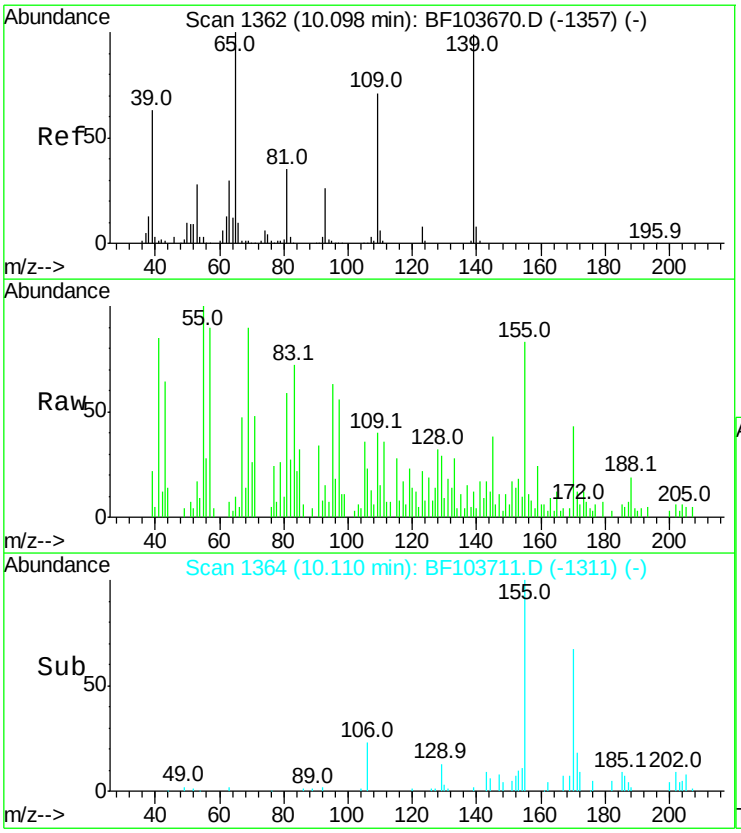
#53
2,4-Dinitrophenol
Concen: 6.476 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.24 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 115

Ion	Ratio	Lower	Upper
184	100		
63	111.0	54.2	81.2#
154	125.8	184.0	276.0#

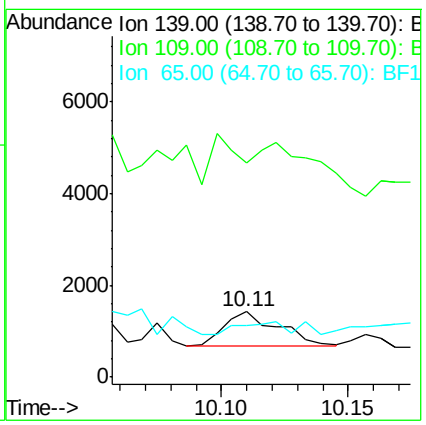


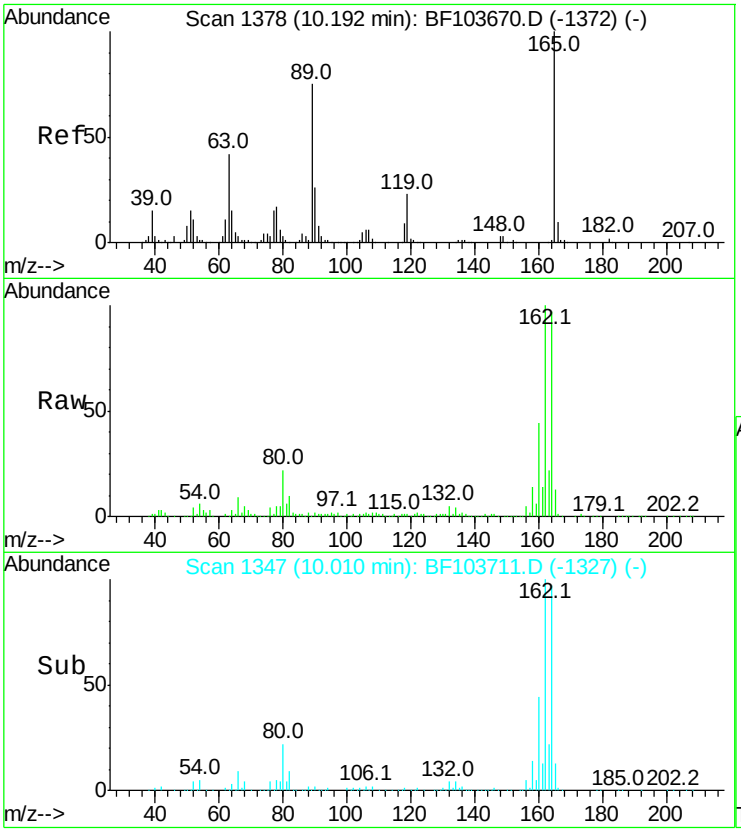


#55
4-Nitrophenol
Concen: 5.233 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:139 Resp: 1148

Ion	Ratio	Lower	Upper
139	100		
109	325.9	48.4	88.4#
65	78.7	72.6	112.6



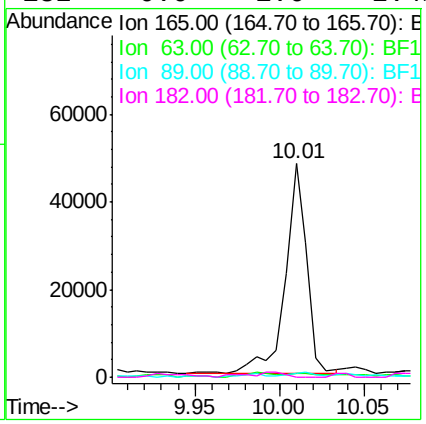


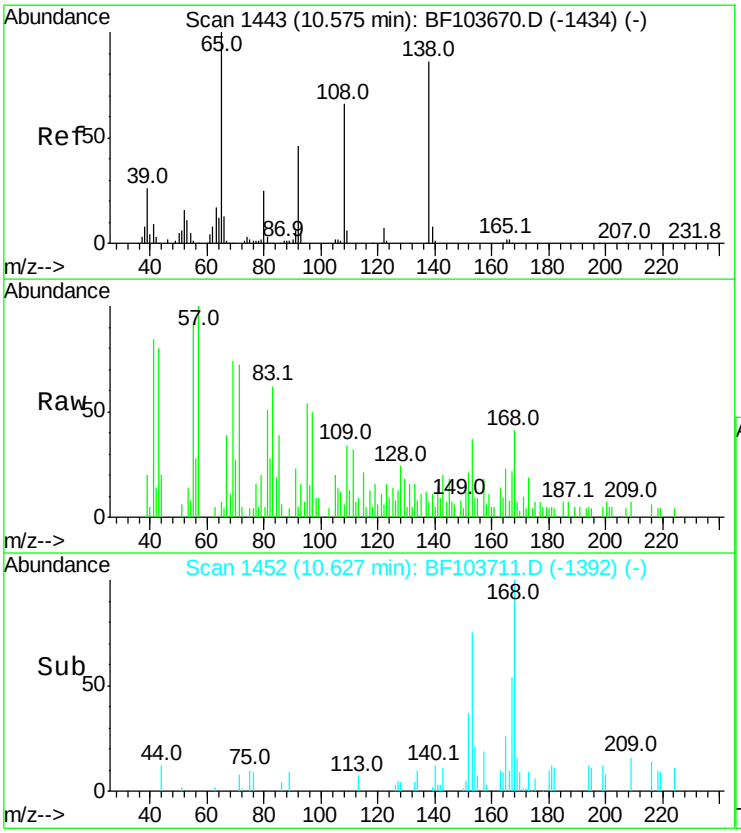
#56
2,4-Dinitrotoluene
Concen: 13.016 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 42857

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

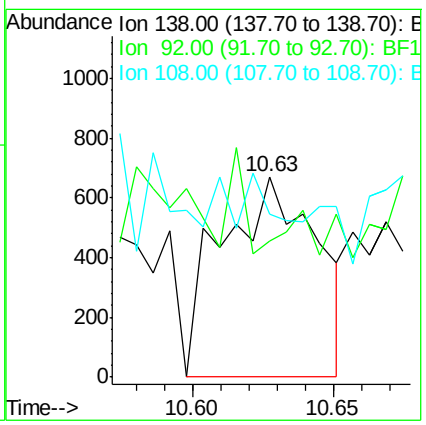


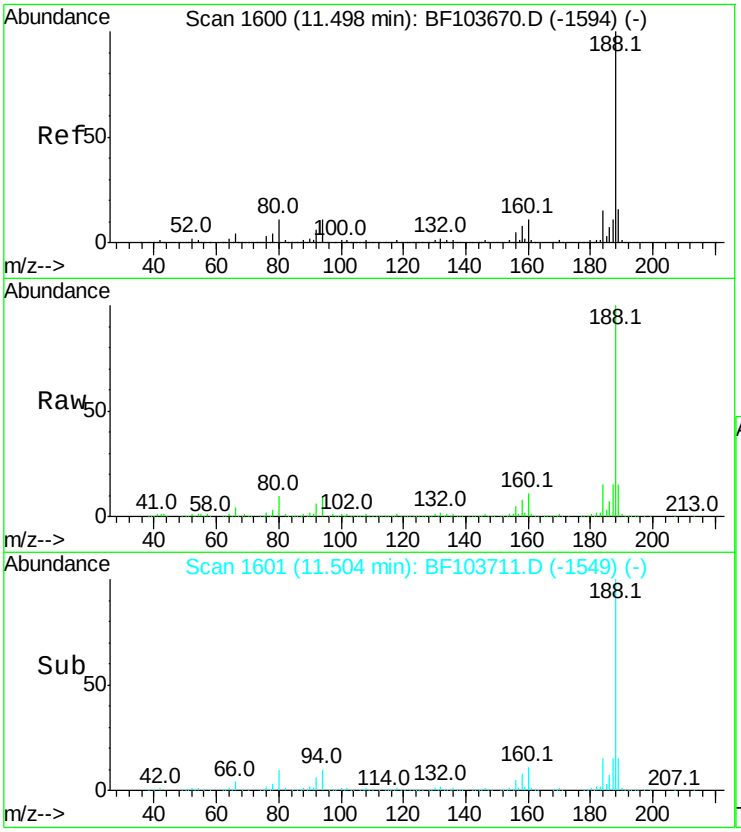


#61
4-Nitroaniline
Concen: 4.040 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.05 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:138 Resp: 1574

Ion	Ratio	Lower	Upper
138	100		
92	67.8	30.2	70.2
108	81.5	52.5	92.5



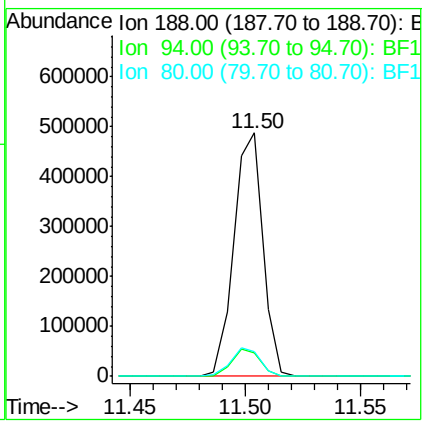


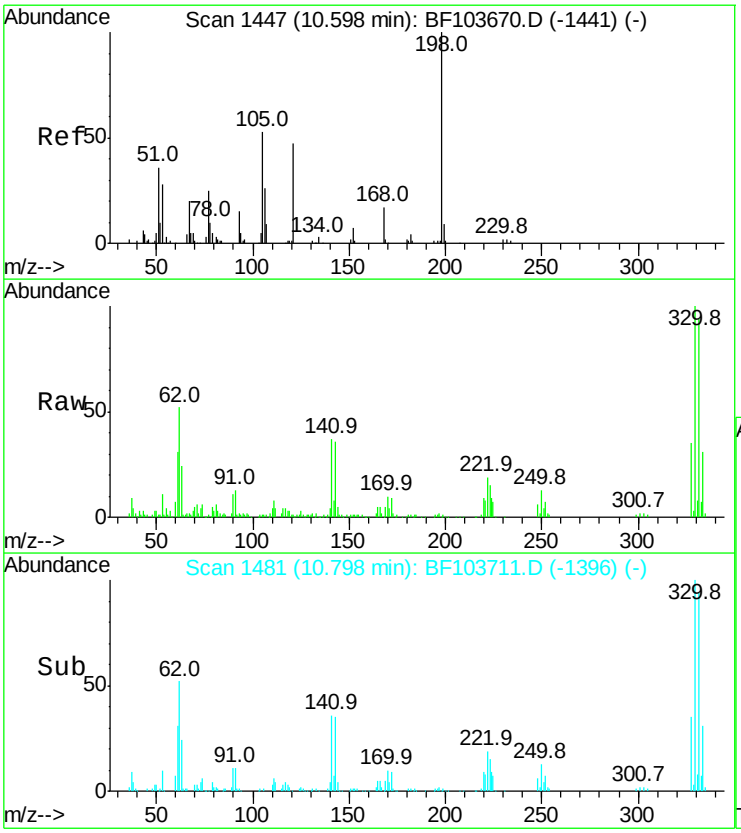
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 429468

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8

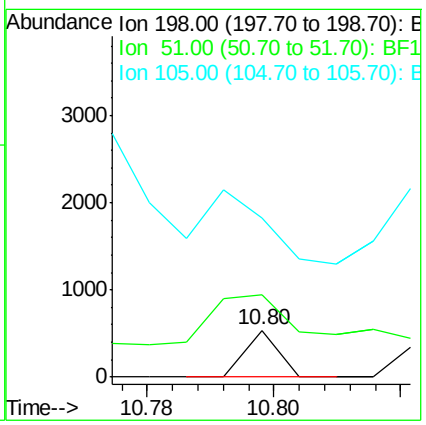


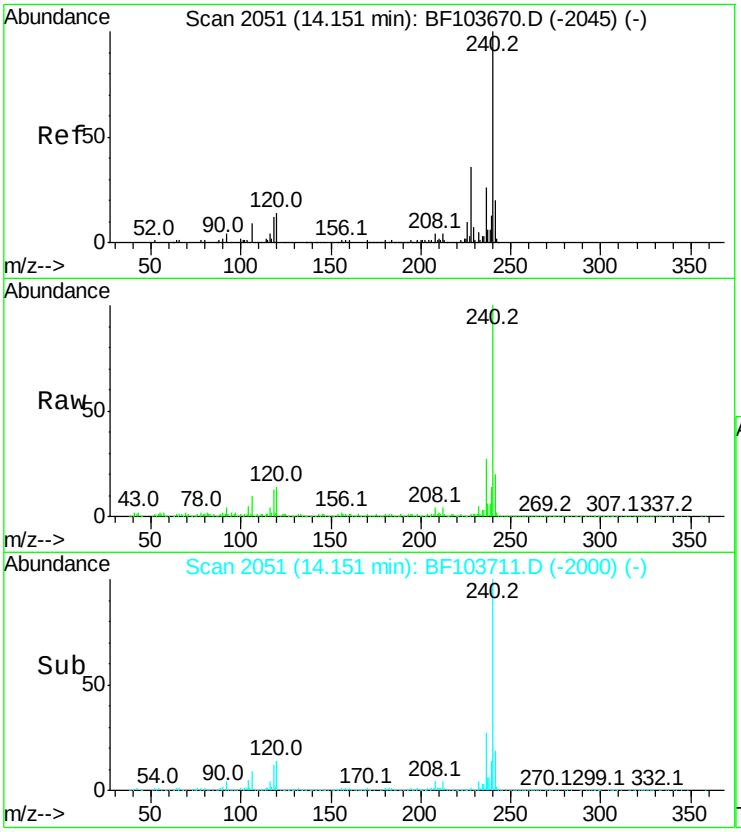


#64
4,6-Dinitro-2-methylphenol
Concen: 8.248 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:198 Resp: 189

Ion	Ratio	Lower	Upper
198	100		
51	174.8	37.7	77.7#
105	340.9	36.3	76.3#



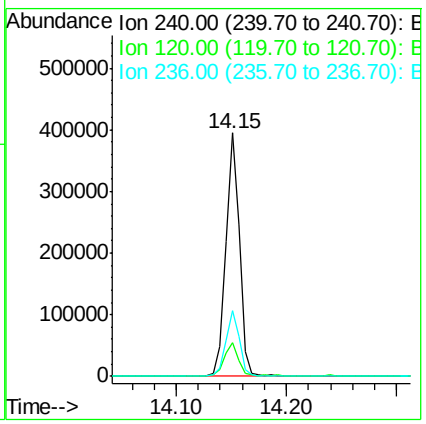


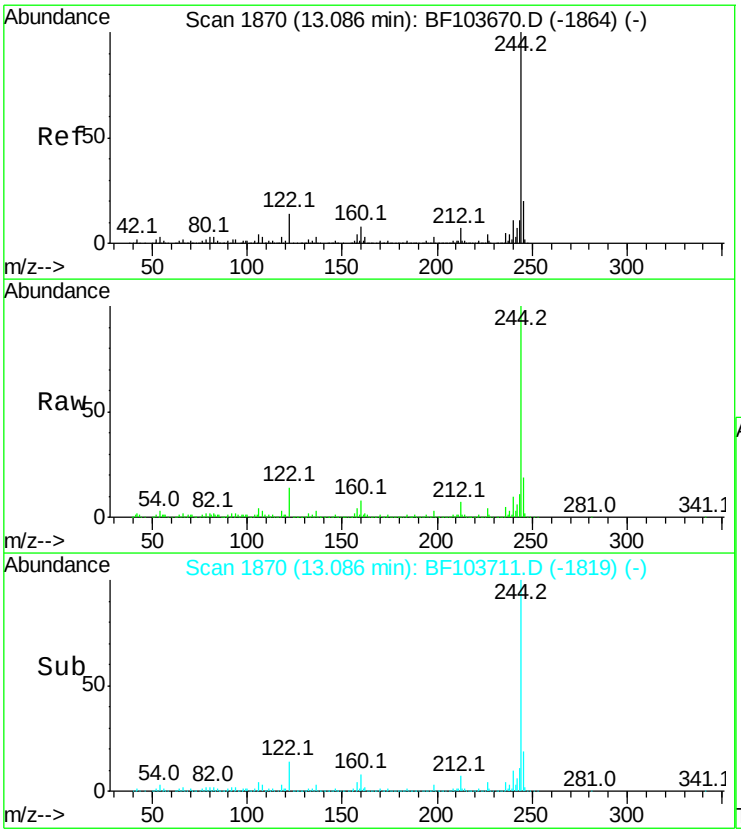
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 339352

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.7	20.7	31.1

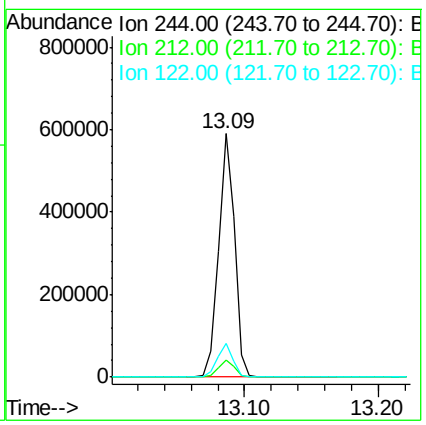


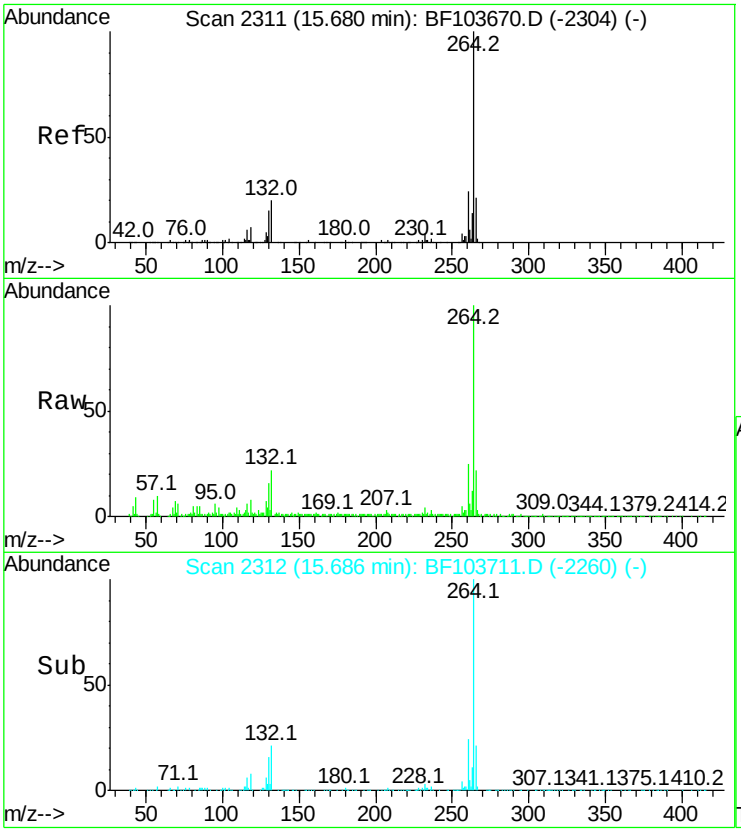


#78
Terphenyl-d14
Concen: 34.162 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Tgt Ion:244 Resp: 499455

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF103711.D
Acq: 16 Mar 2018 22:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 255037

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.2	17.5	26.3