Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103612.D
Acq On : 13 Mar 2018 18:48
Operator : SJ/JU
Sample : J1753-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 22:05:38 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 11:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129056	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	575178	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	258358	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	466293	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269495	20.00	ng	0.00
86) Perylene-d12	15.57	264	216787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1033480	121.12	ng	0.01
7) Phenol-d6	6.50	99	1139241	109.11	ng	0.00
23) Nitrobenzene-d5	7.43	82	1014744	100.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	277070	126.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1432535	99.40	ng	0.00
78) Terphenyl-d14	12.98	244	1182291	105.46	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1194	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	129528	19.932	ng	# 82
25) Isophorone	7.43	82	1014744	51.156	ng	# 64
32) Benzoic acid	8.05	122	663	7.010	ng	# 77
50) 2,6-Dinitrotoluene	9.90	165	31923	7.340	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	32245	5.862	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	555	5.121	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	19475	4.009	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 13 Mar 2018 18:48
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Misc :
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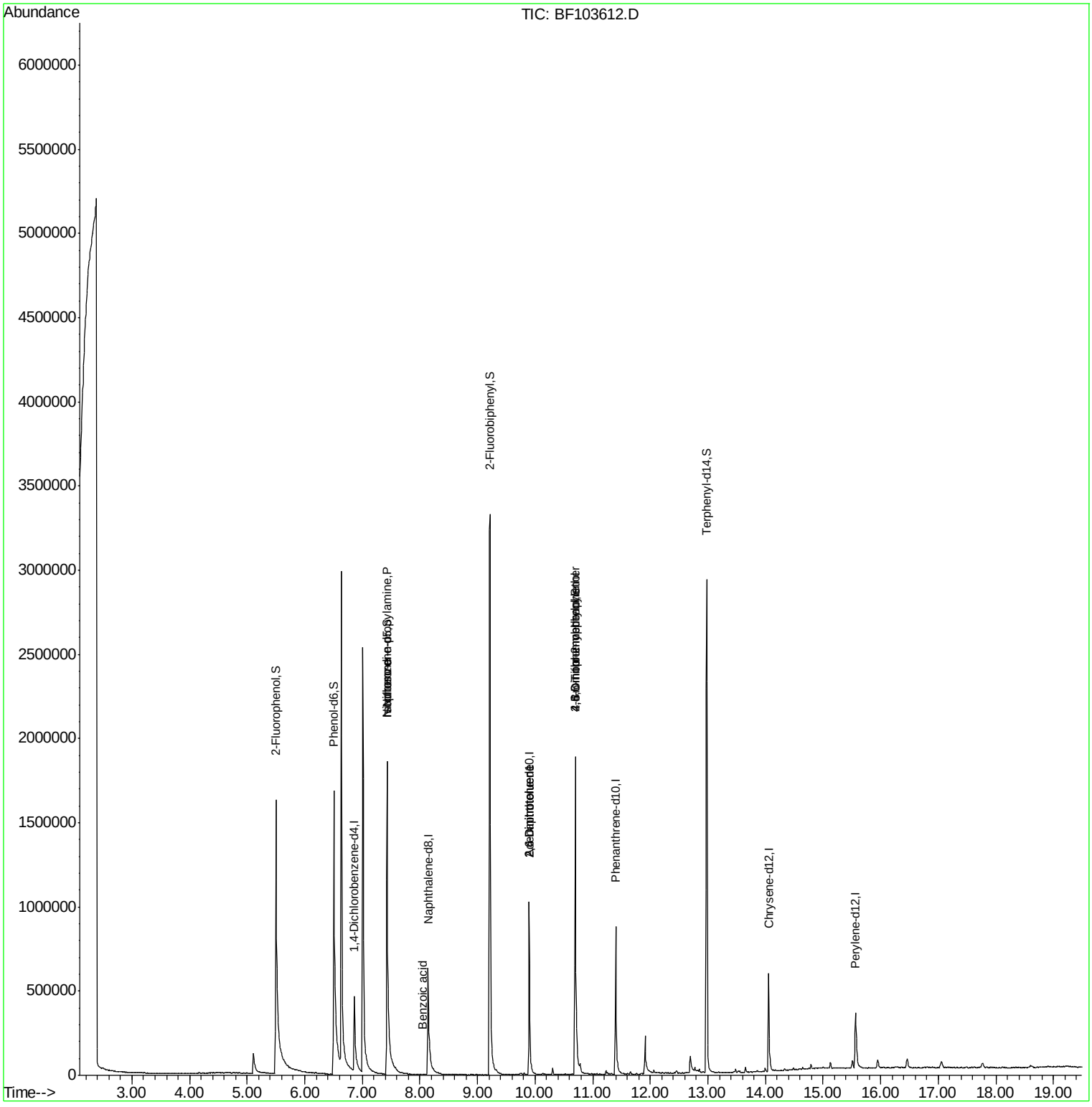
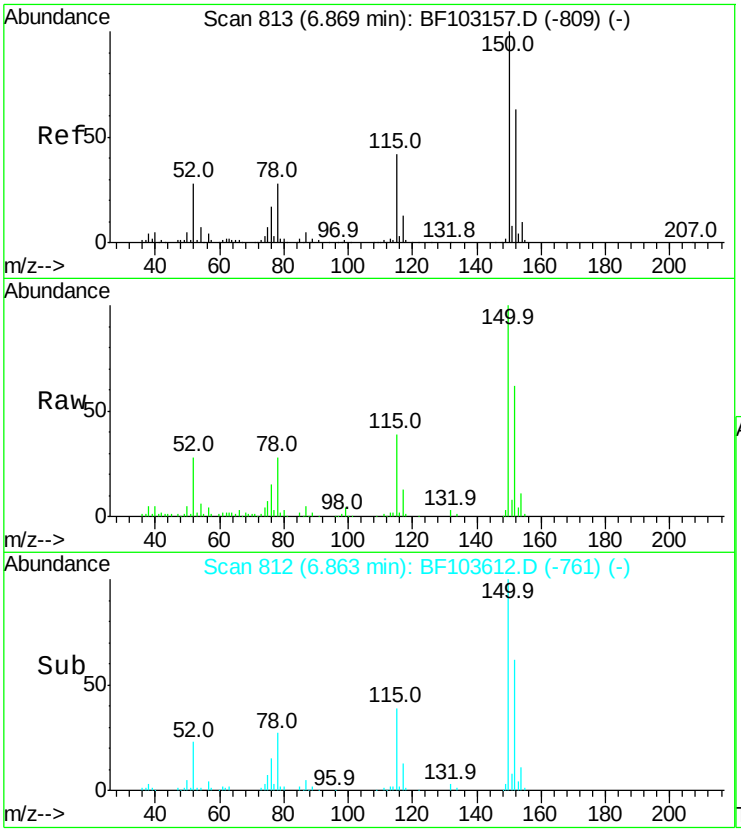


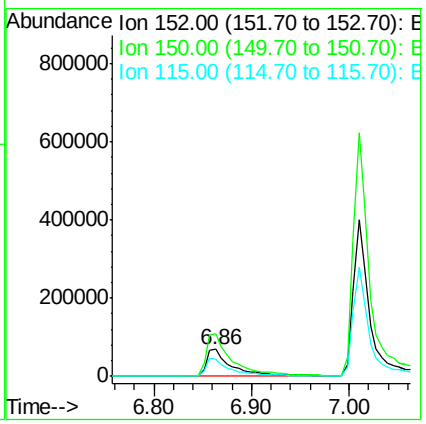


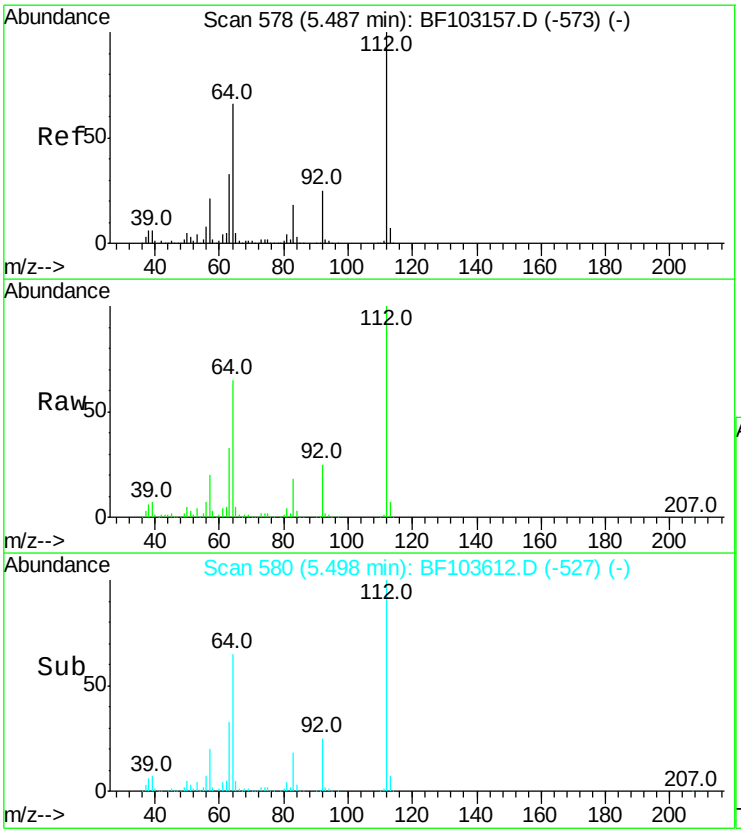
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129056

Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	62.5	50.1	75.1

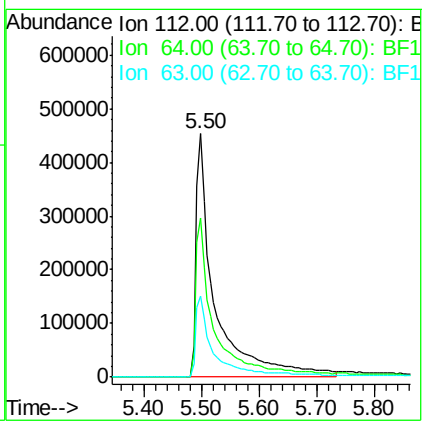


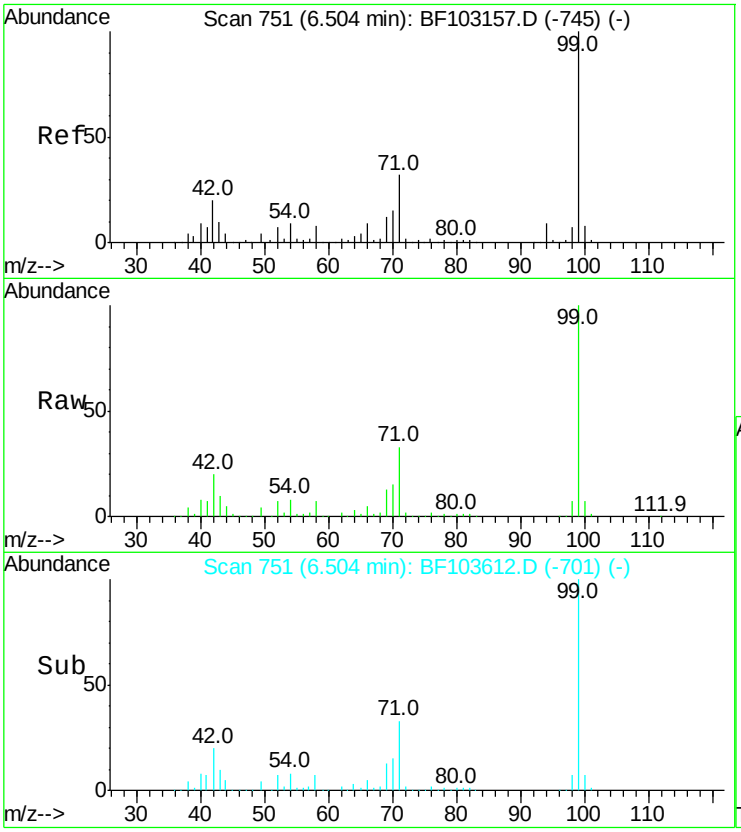


#5
2-Fluorophenol
Concen: 121.115 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:112 Resp: 1033480

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	33.2	23.7	35.5



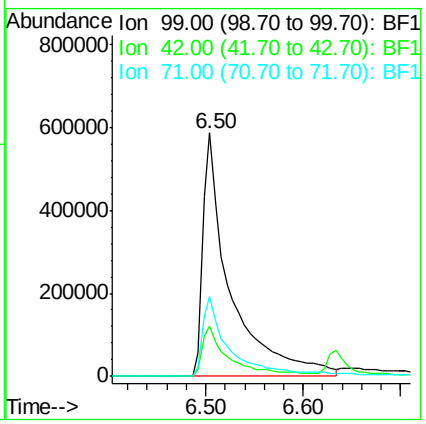


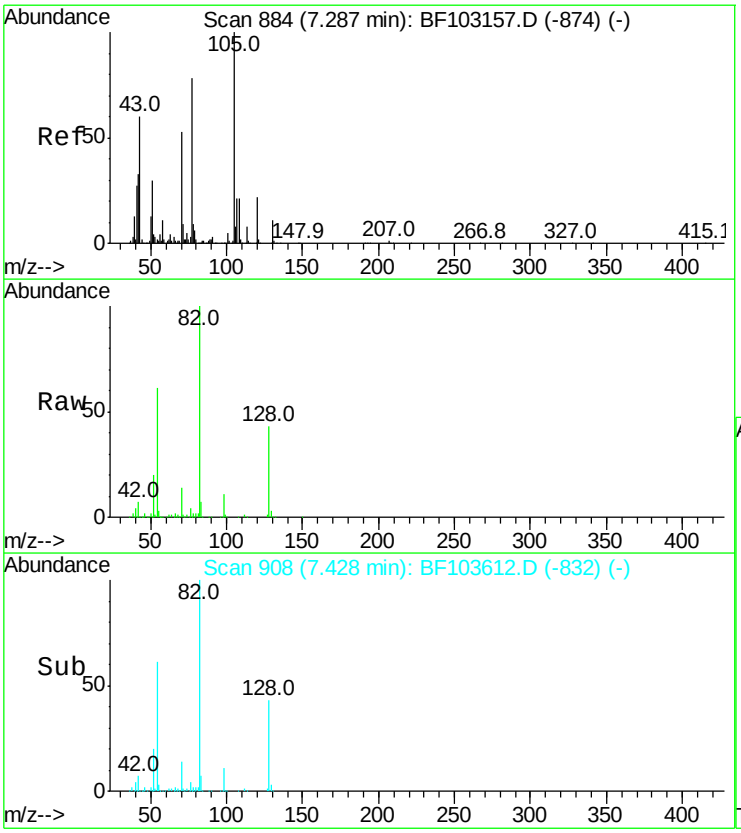
#7
Phenol-d6
Concen: 109.108 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1139241

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	32.8	25.4	38.0

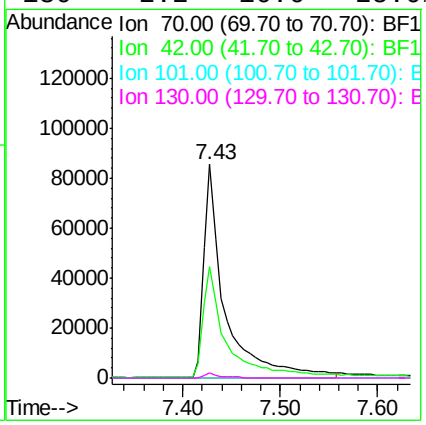


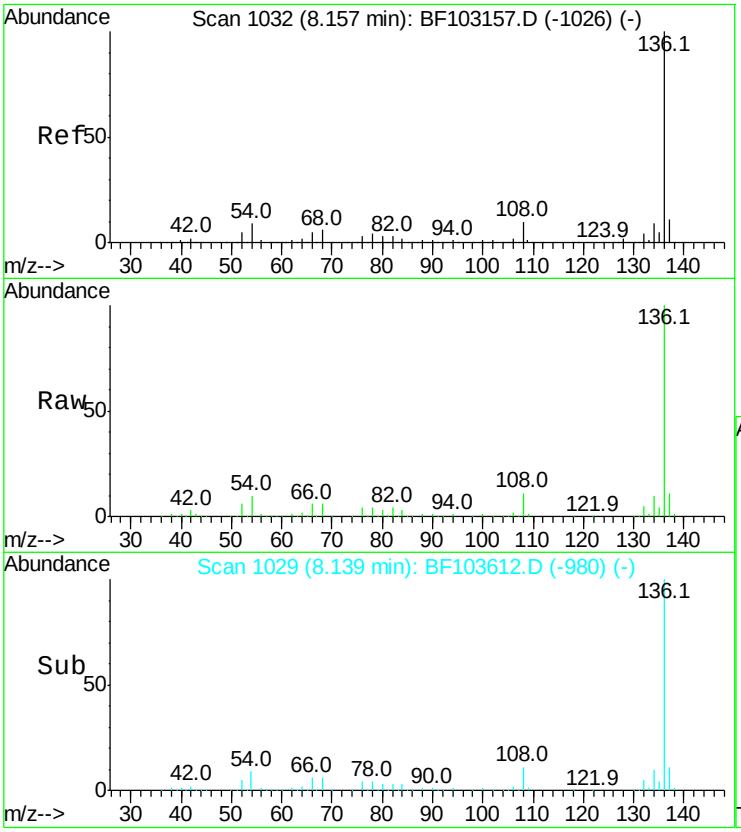


#19
n-Nitroso-di-n-propylamine
Concen: 19.932 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion: 70 Resp: 129528

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



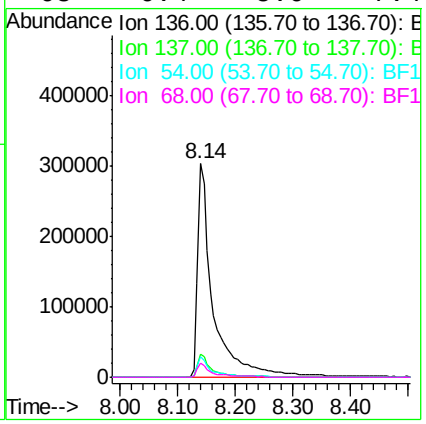


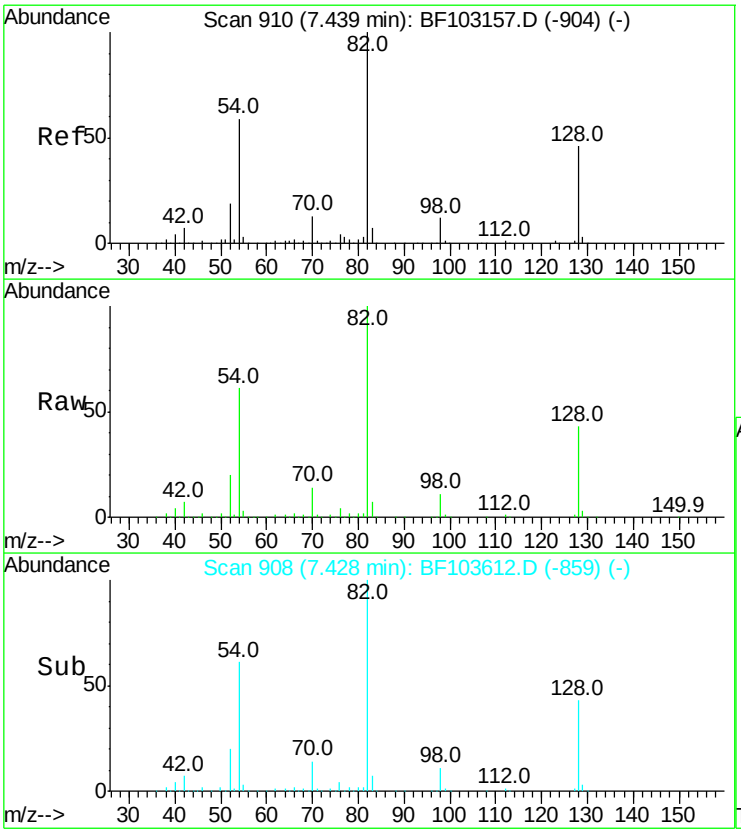
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 575178

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.4	5.0	7.4

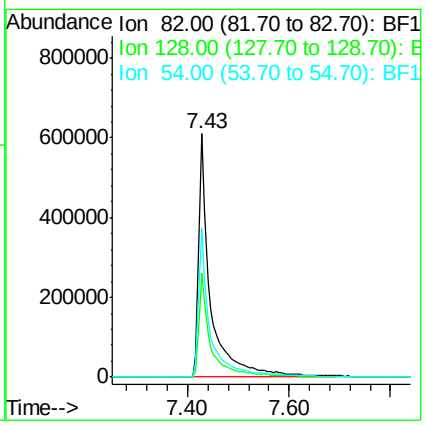


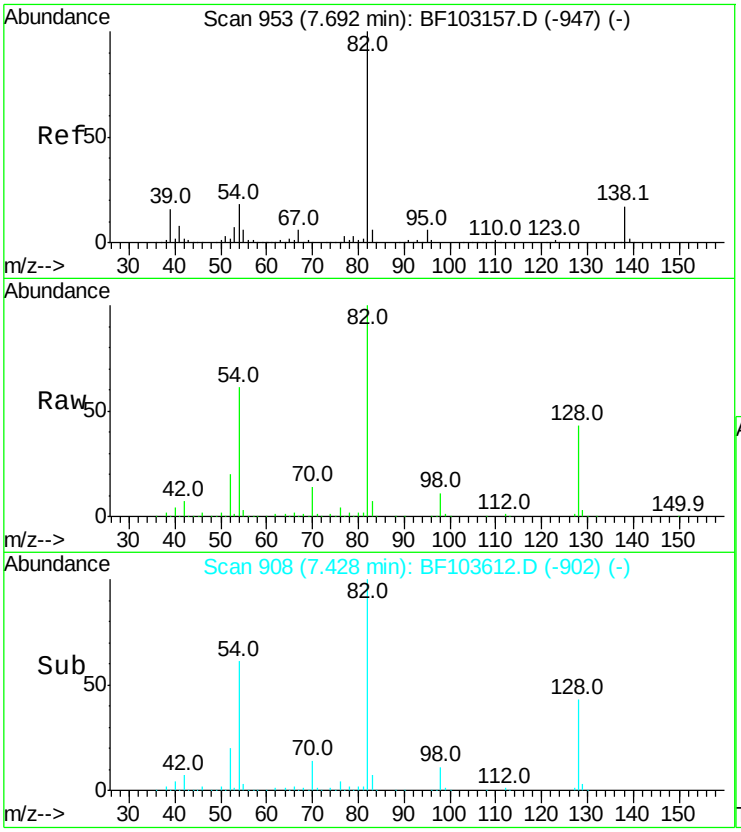


#23
Nitrobenzene-d5
Concen: 100.752 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion: 82 Resp: 1014744

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	61.3	41.4	62.2



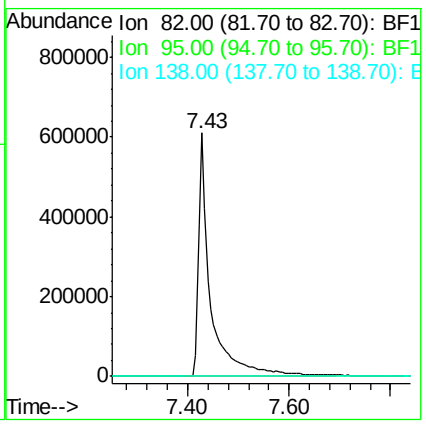


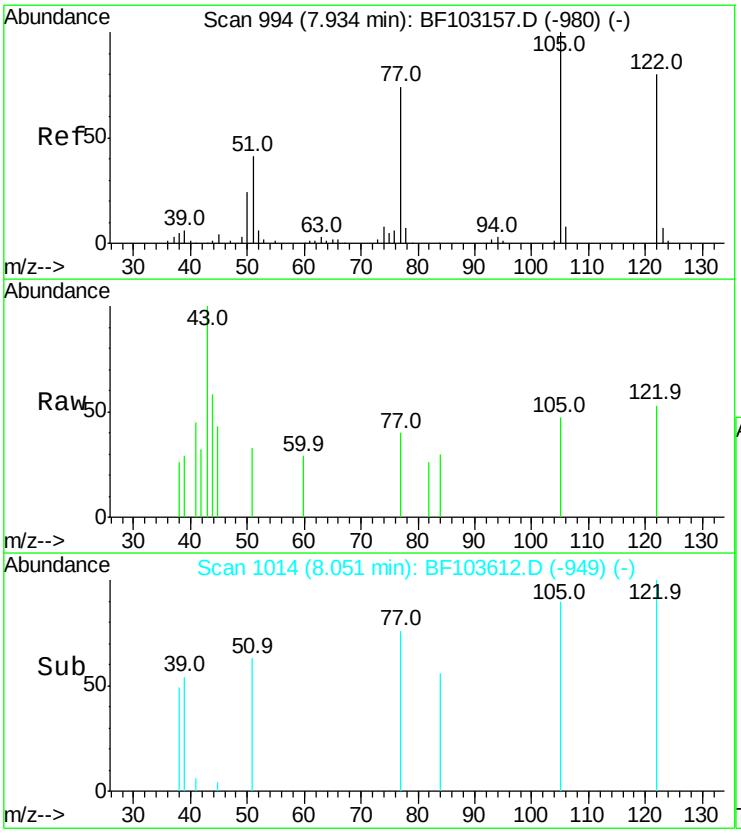
#25
Isophorone
Concen: 51.156 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1014744

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

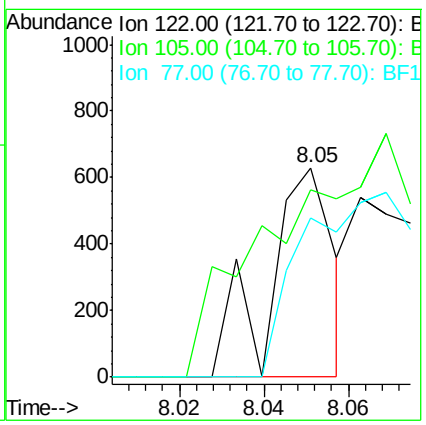


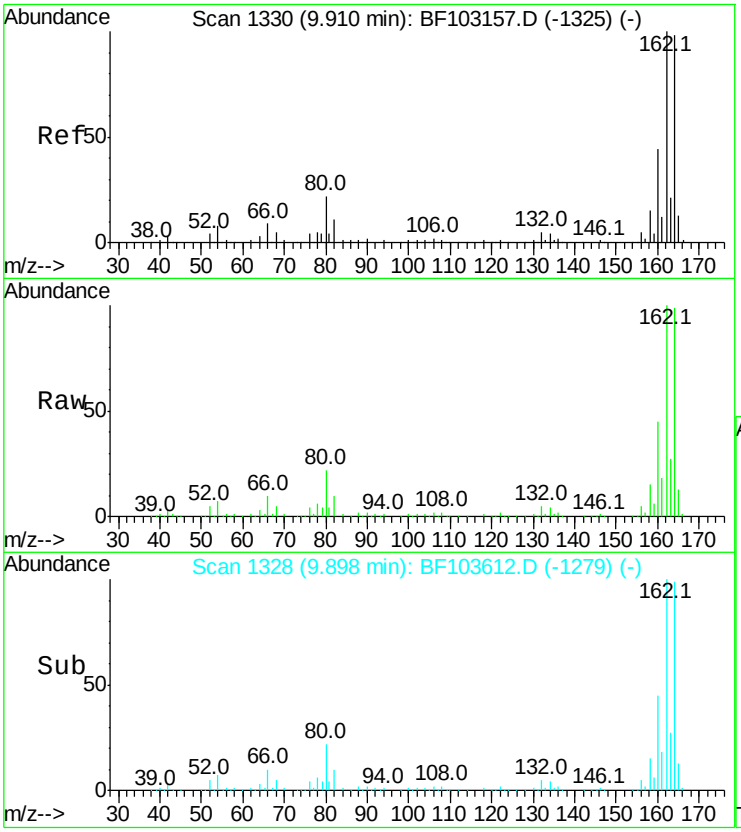


#32
Benzoic acid
Concen: 7.010 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.08 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:122 Resp: 663

Ion	Ratio	Lower	Upper
122	100		
105	89.5	101.1	141.1#
77	76.3	70.7	110.7



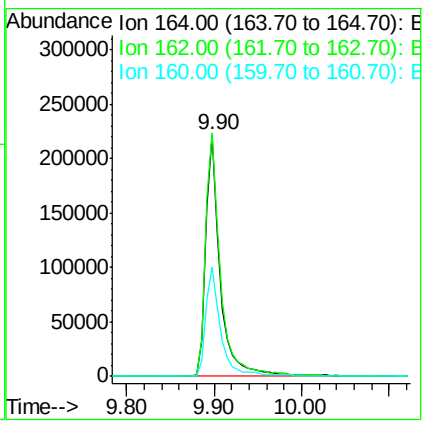


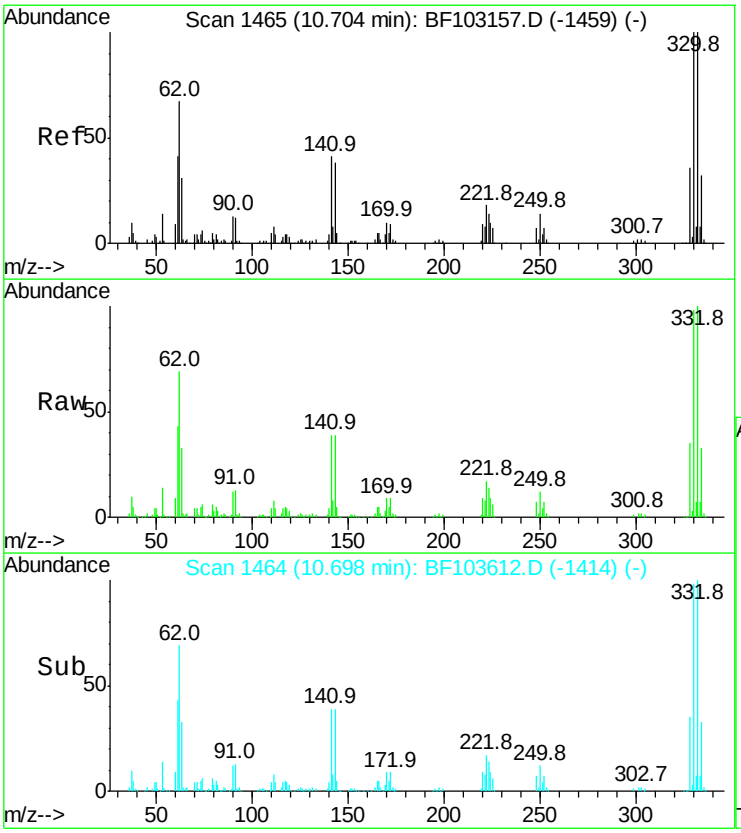
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 258358

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	45.2	38.3	57.5

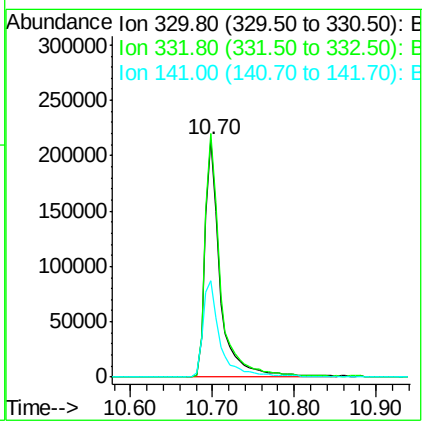


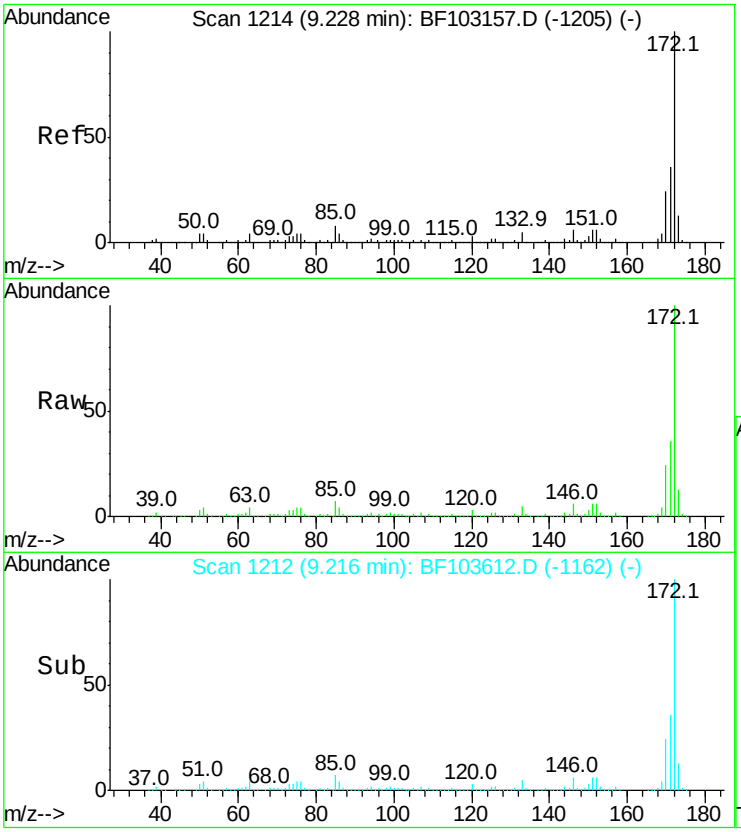


#41
2,4,6-Tribromophenol
Concen: 126.698 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:330 Resp: 277070

Ion	Ratio	Lower	Upper
330	100		
332	104.8	77.0	115.6
141	46.6	29.9	44.9#



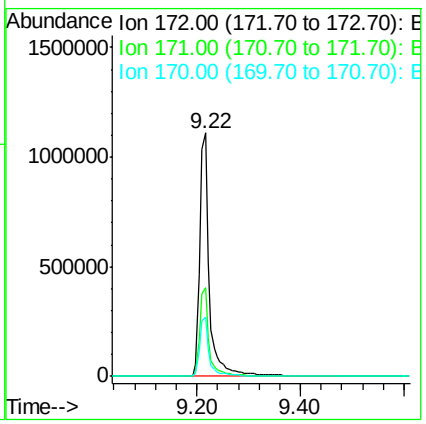


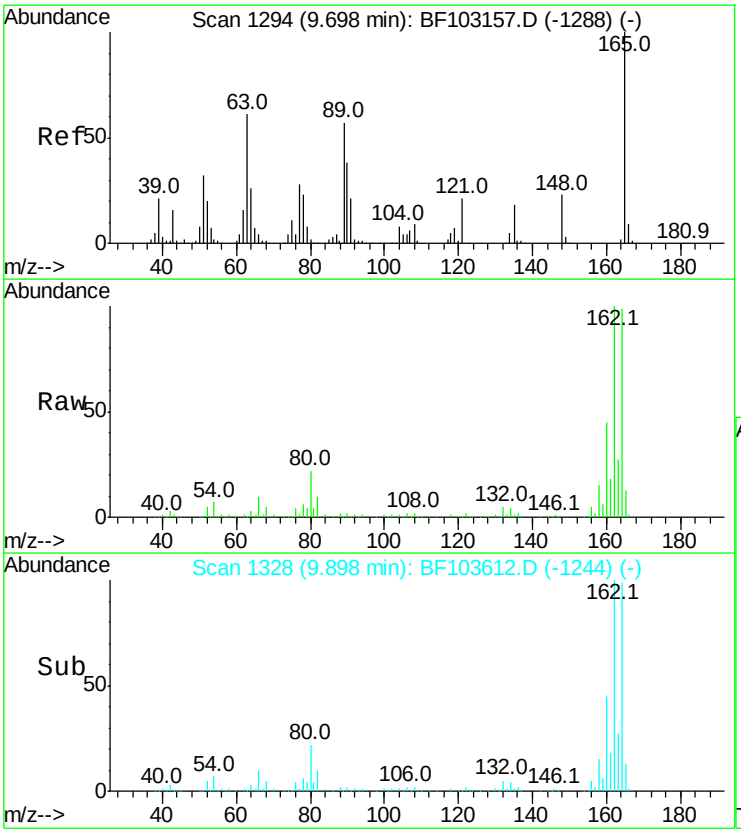
#44
2-Fluorobiphenyl
Concen: 99.403 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1432535

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

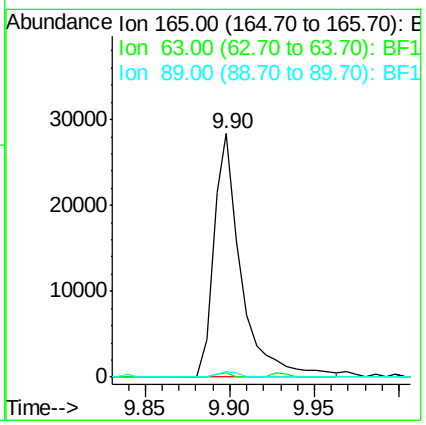


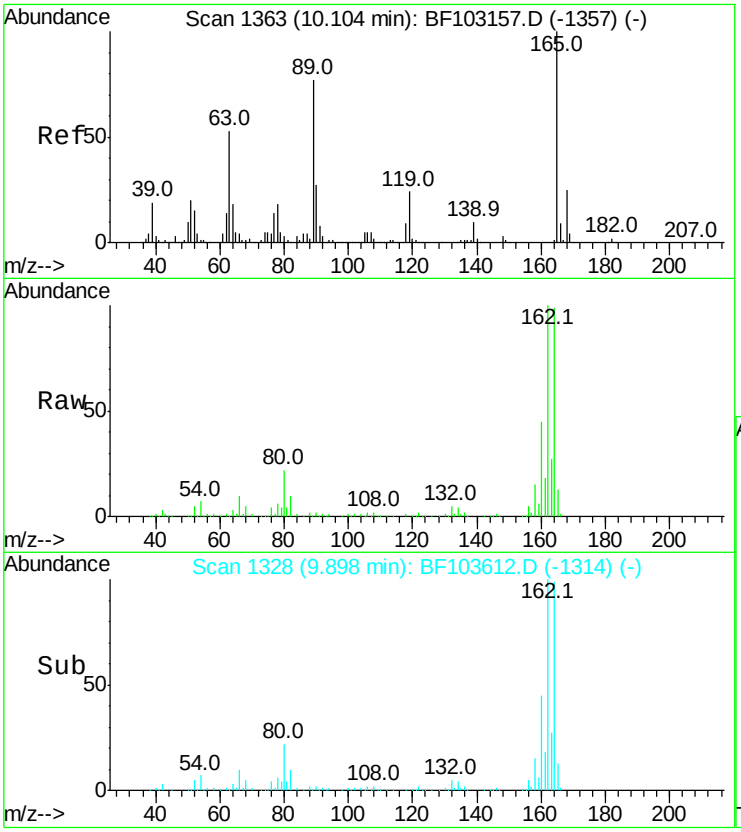


#50
2,6-Dinitrotoluene
Concen: 7.340 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:165 Resp: 31923

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.1	44.0	66.0#



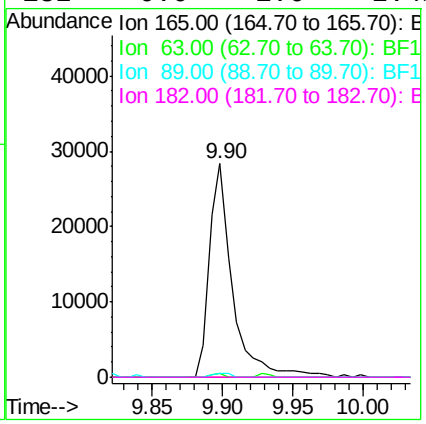


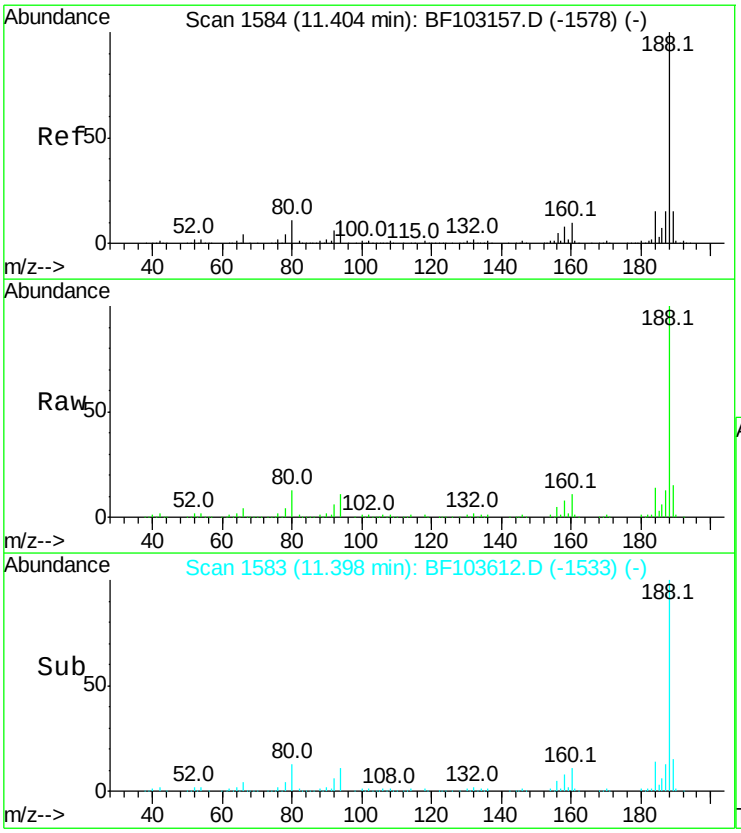
#56
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32245

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

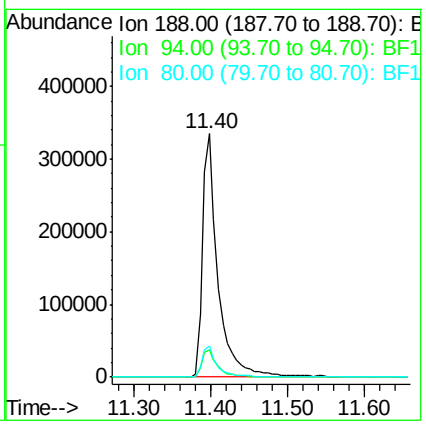


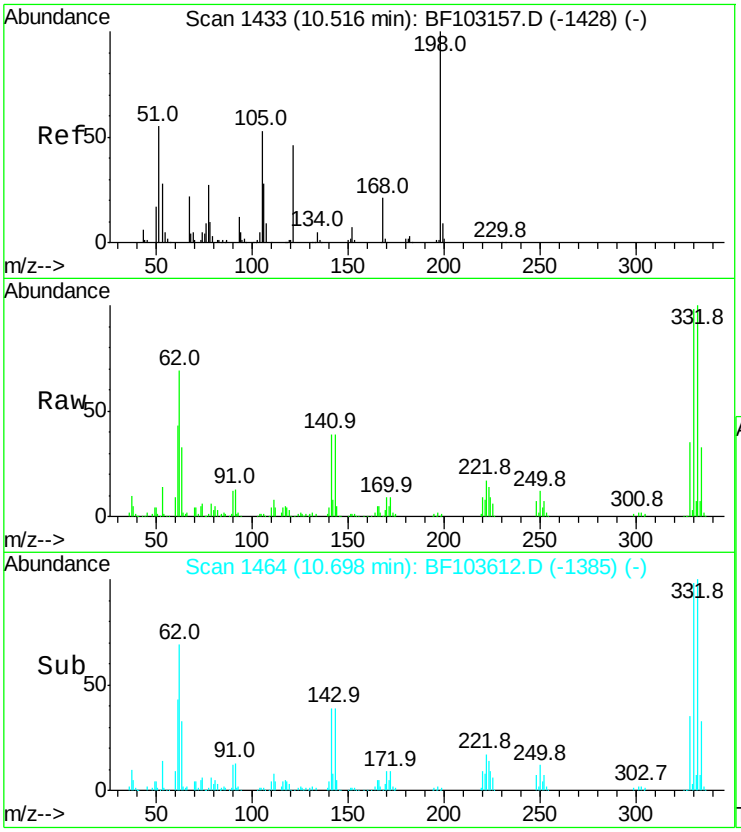


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:188 Resp: 466293

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.6	9.2	13.8



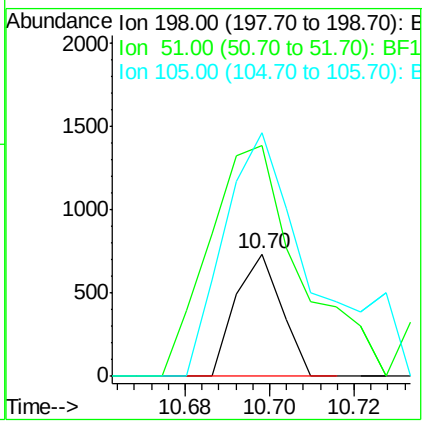


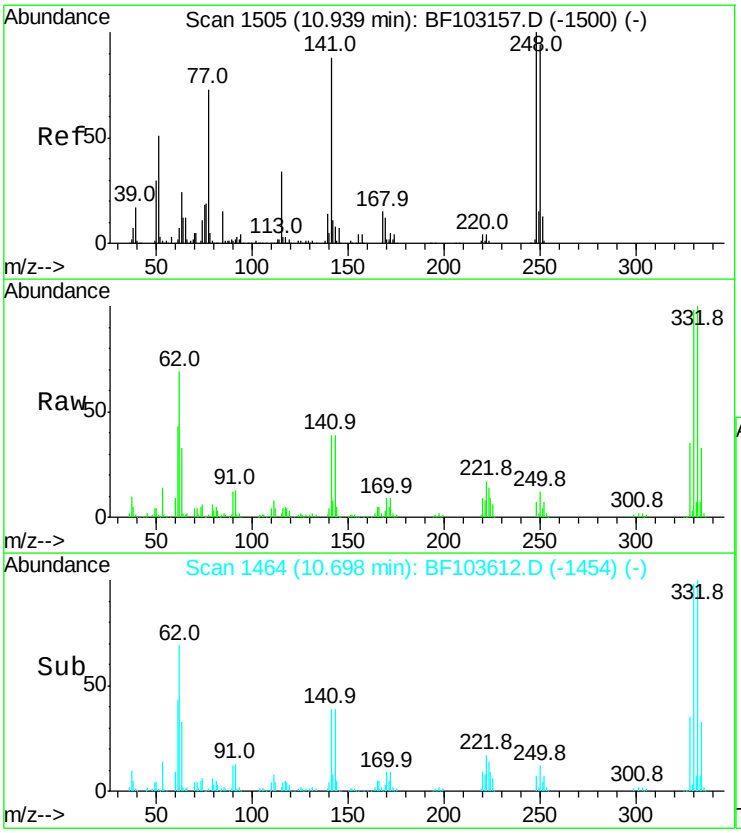
#64
4,6-Dinitro-2-methylphenol
Concen: 5.121 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 555

Ion	Ratio	Lower	Upper
198	100		
51	188.6	37.7	77.7#
105	198.6	36.3	76.3#

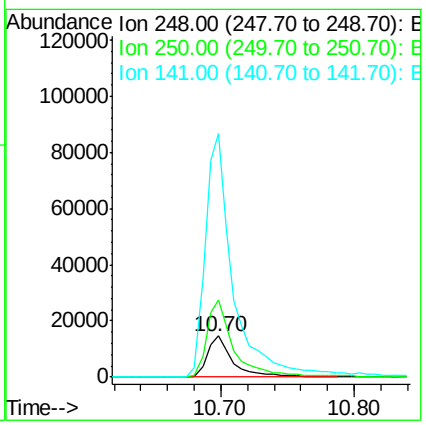


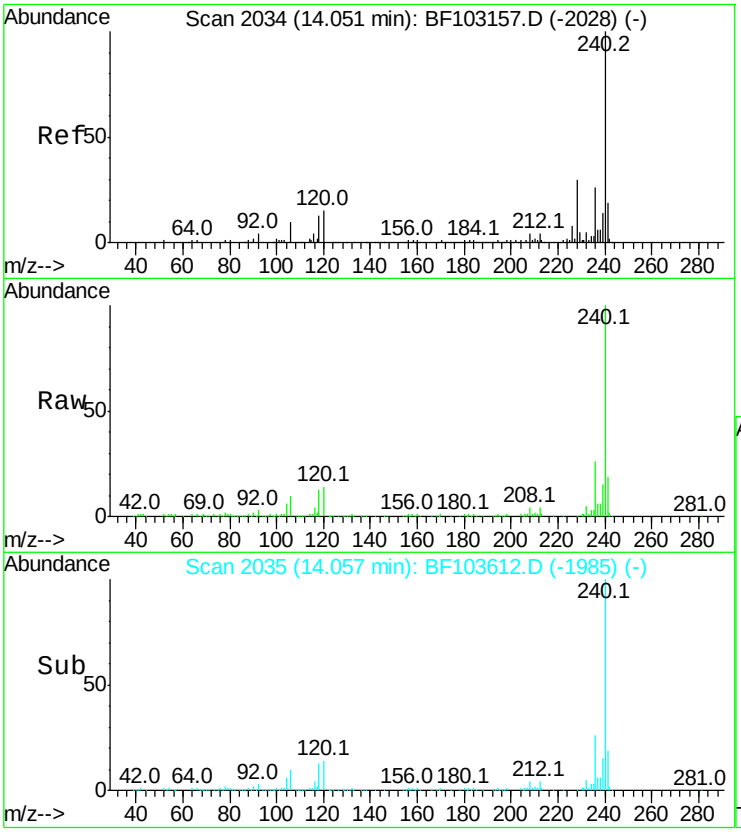


#66
4-Bromophenyl-phenylether
Concen: 4.009 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:248 Resp: 19475

Ion	Ratio	Lower	Upper
248	100		
250	187.2	76.9	115.3#
141	591.3	74.4	111.6#



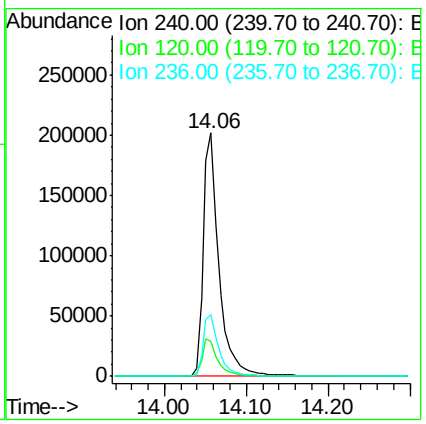


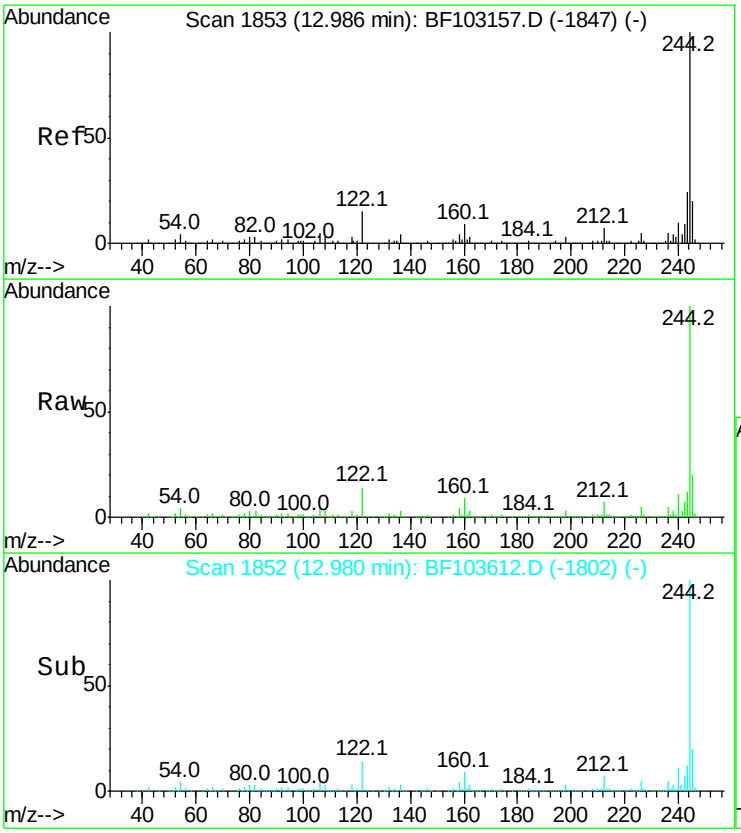
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 269495

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.6	20.7	31.1

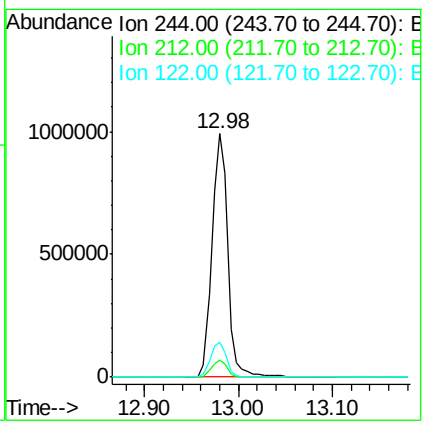


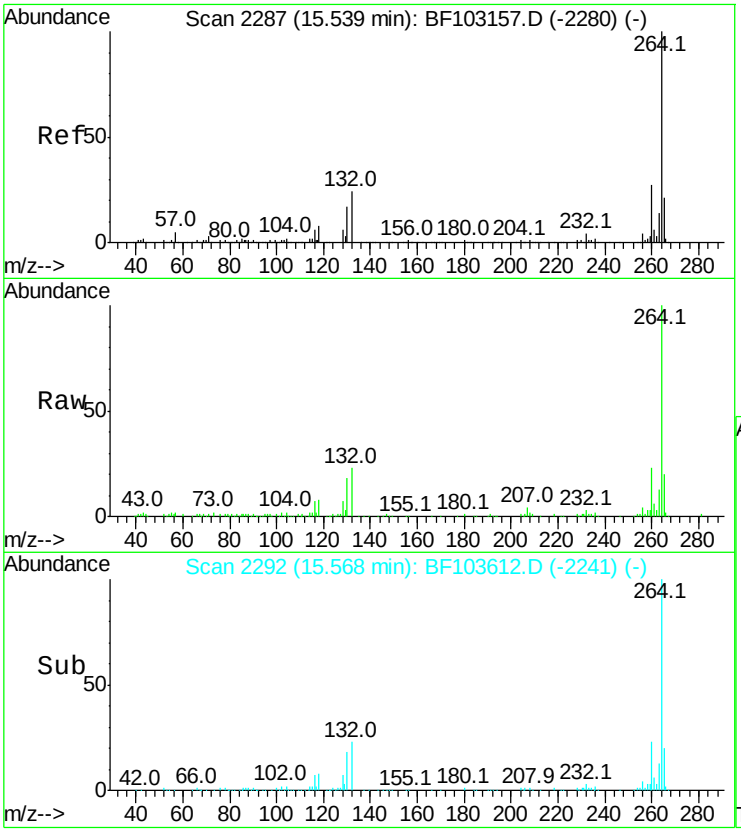


#78
Terphenyl-d14
Concen: 105.459 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Tgt Ion:244 Resp: 1182291

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103612.D
Acq: 13 Mar 2018 18:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 216787

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.3	17.5	26.3