Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031318\
Data File : BF103609.D
Acq On : 13 Mar 2018 17:28
Operator : SJ/JU
Sample : J1898-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 22:04:32 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	123956	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	541962	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	241437	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	454326	20.00	ng	0.00
75) Chrysene-d12	14.06	240	281133	20.00	ng	0.00
86) Perylene-d12	15.56	264	233104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	797276	97.28	ng	0.00
7) Phenol-d6	6.50	99	1073405	107.03	ng	-0.01
23) Nitrobenzene-d5	7.43	82	689490	72.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	260819	127.63	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1173727	83.35	ng	-0.01
78) Terphenyl-d14	12.98	244	1128449	96.49	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1052	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	84964	13.613	ng	# 83
25) Isophorone	7.43	82	691777	37.012	ng	# 64
49) Dimethylphthalate	9.62	163	55432	2.862	ng	100
50) 2,6-Dinitrotoluene	9.90	165	30142	7.416	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	30425	5.919	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	411	5.079	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	17509	3.700	ng	# 1

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

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Acq On : 13 Mar 2018 17:28
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Misc :
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BNA_F
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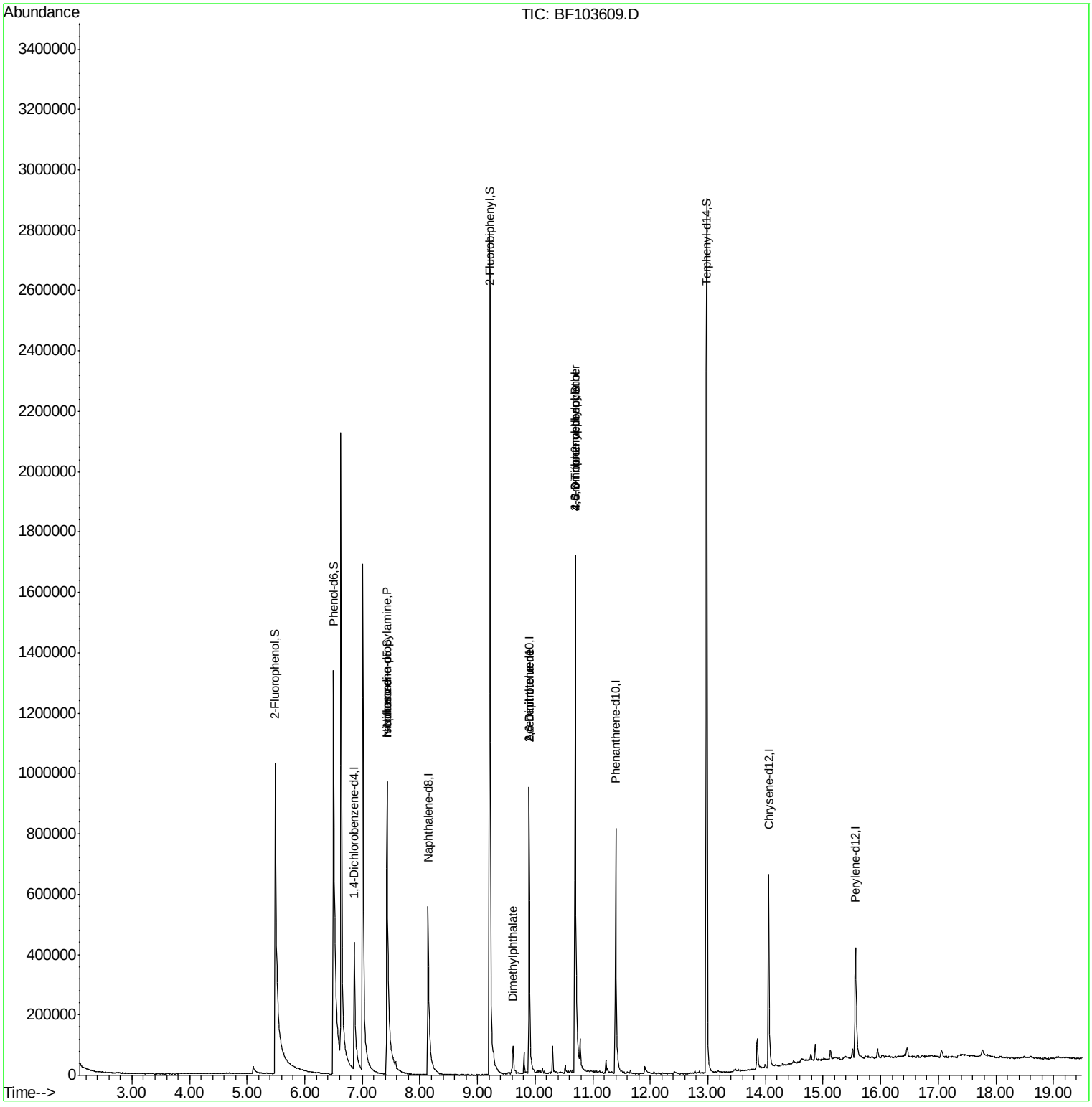
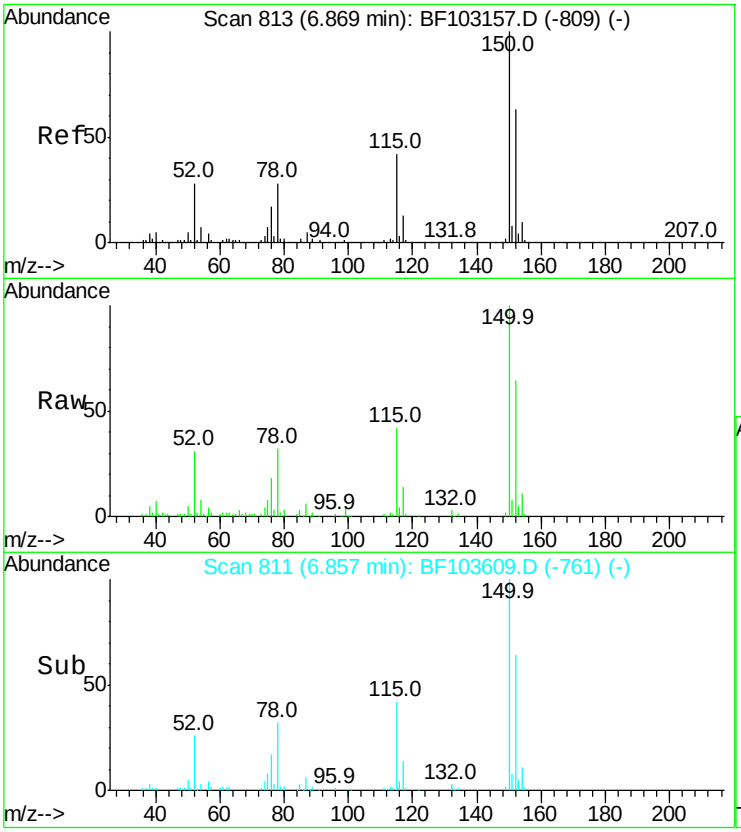


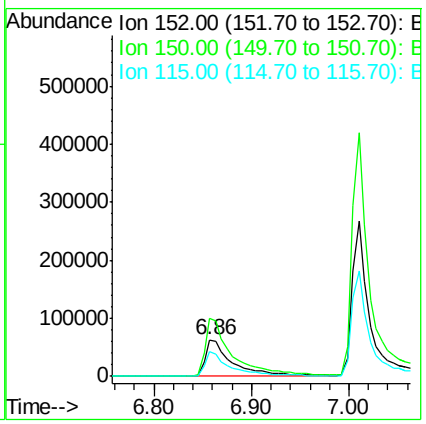


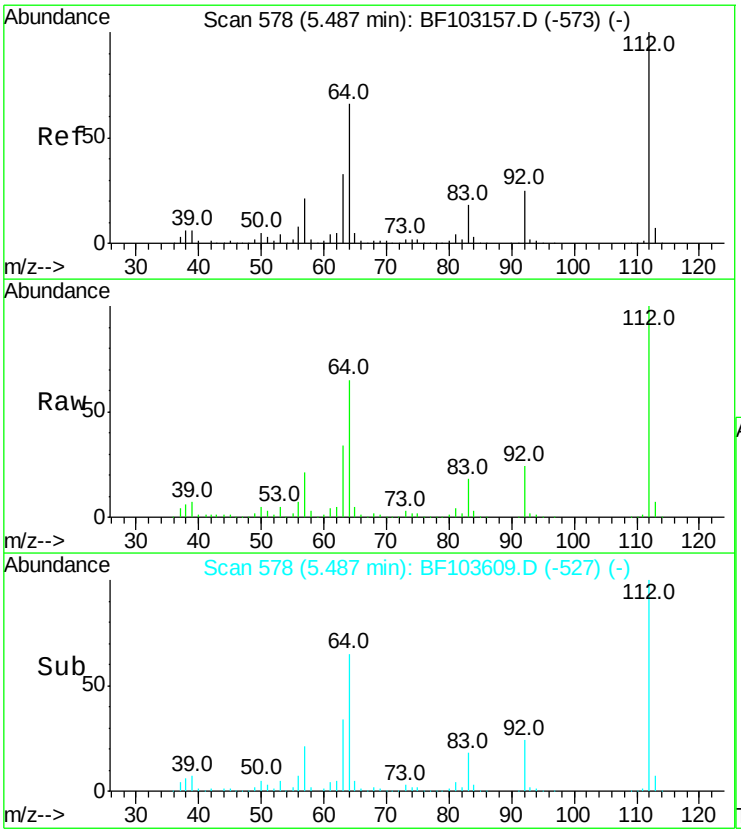
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 123956

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	66.5	50.1	75.1

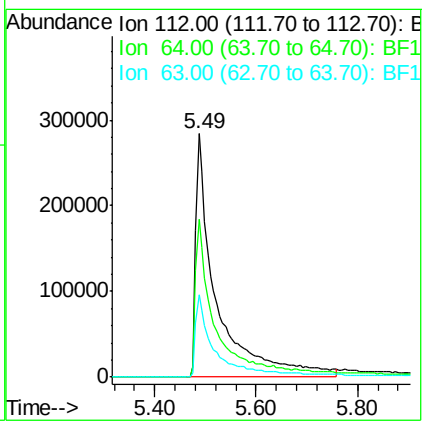


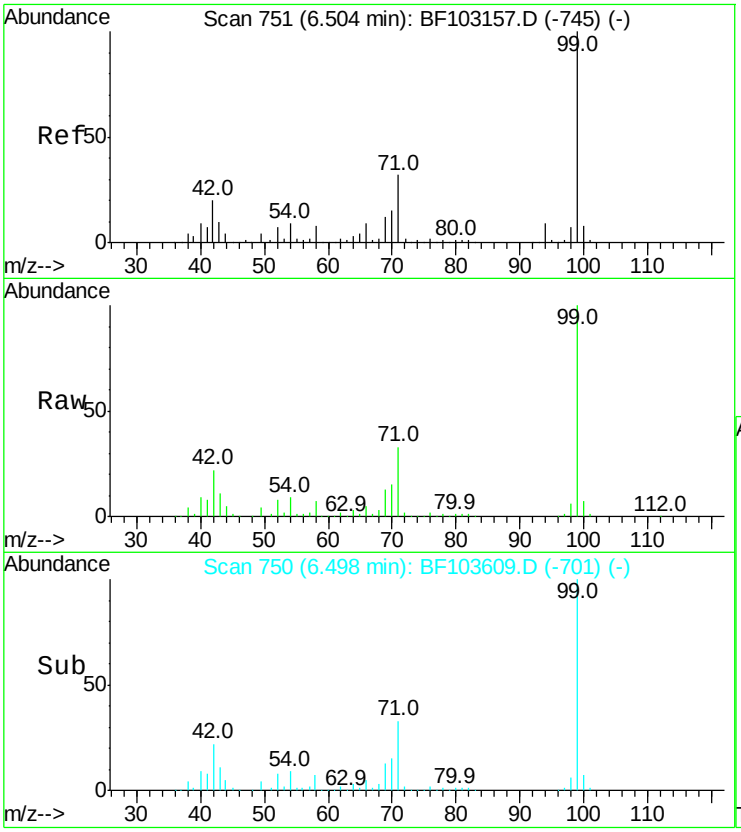


#5
2-Fluorophenol
Concen: 97.278 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:112 Resp: 797276

Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	33.9	23.7	35.5



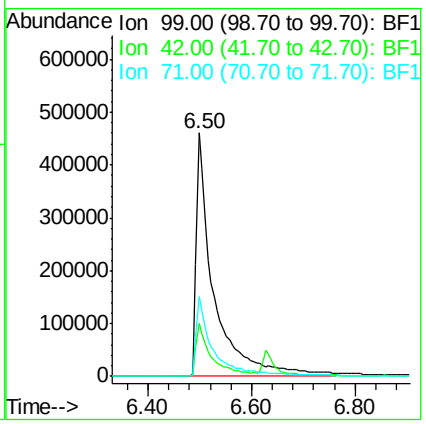


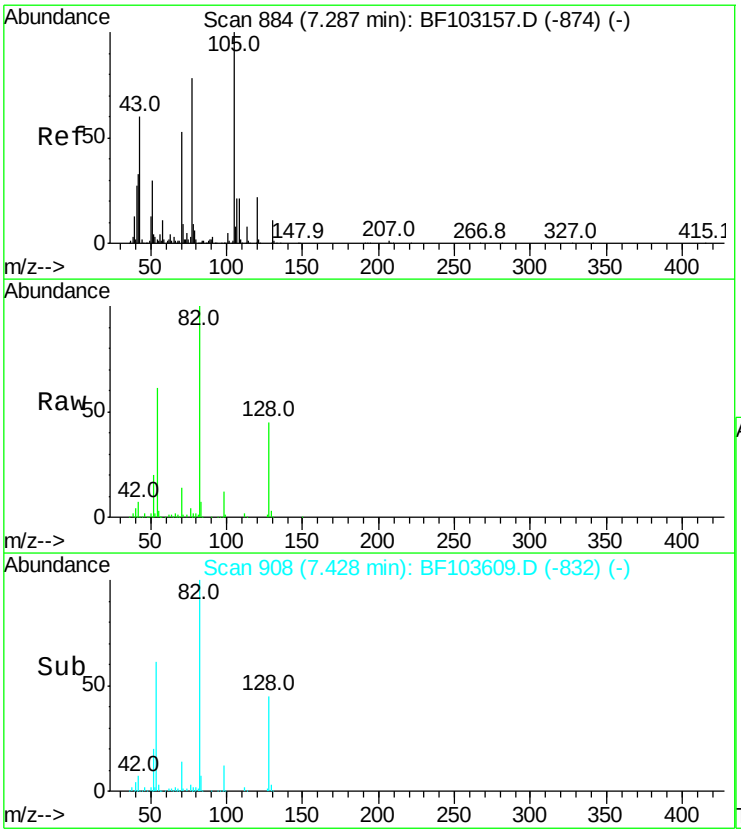
#7
Phenol-d6
Concen: 107.032 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1073405

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

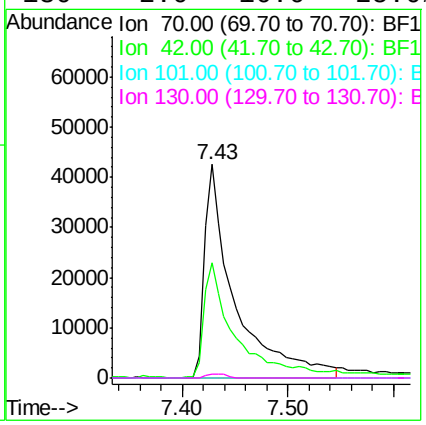


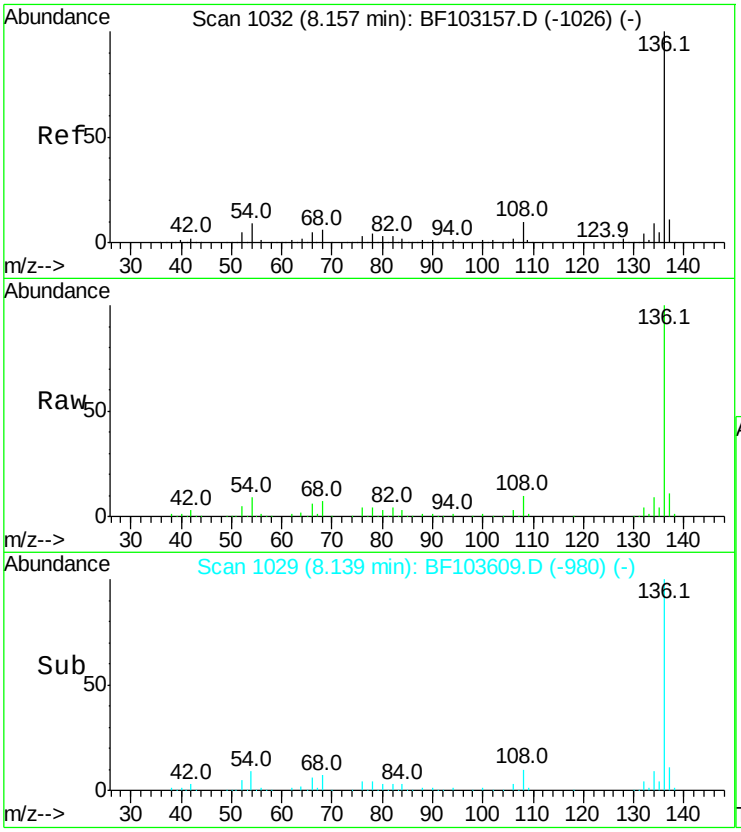


#19
n-Nitroso-di-n-propylamine
Concen: 13.613 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.15 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion: 70 Resp: 84964

Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



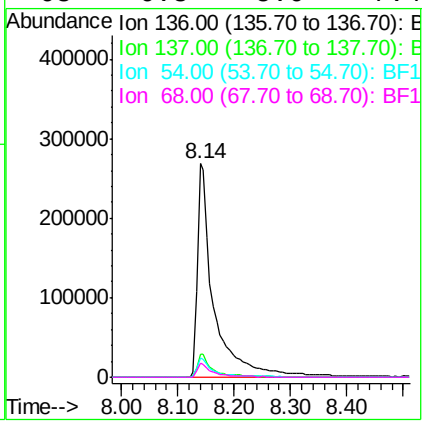


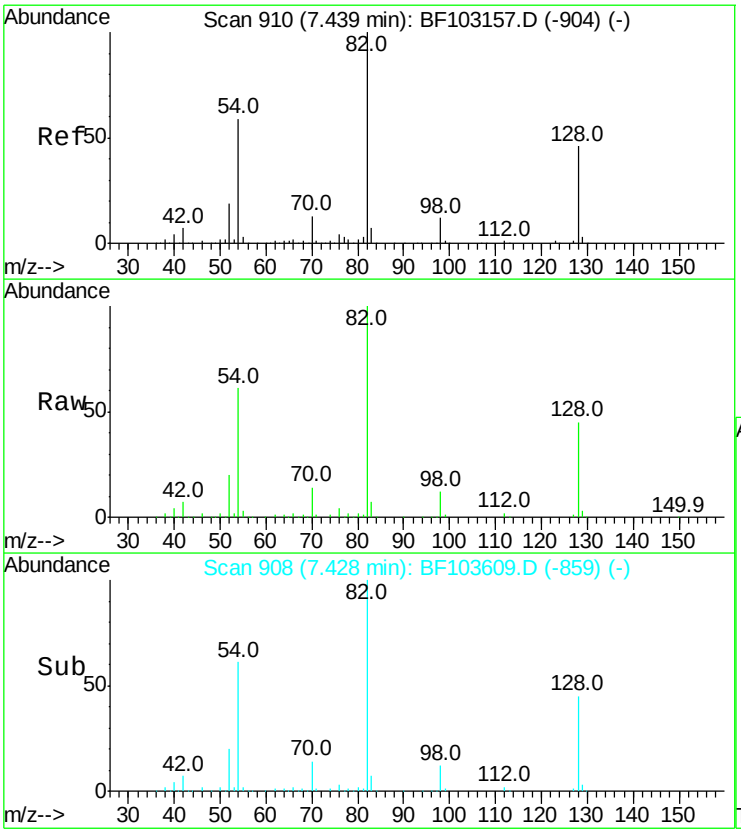
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 541962

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.8	5.0	7.4

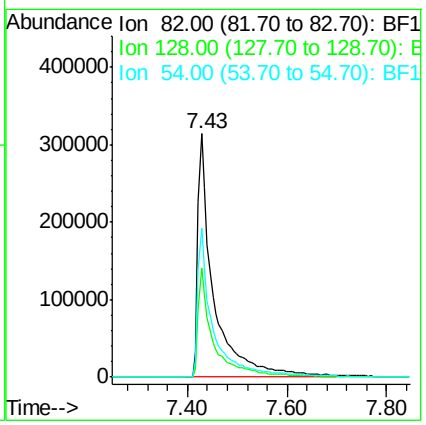


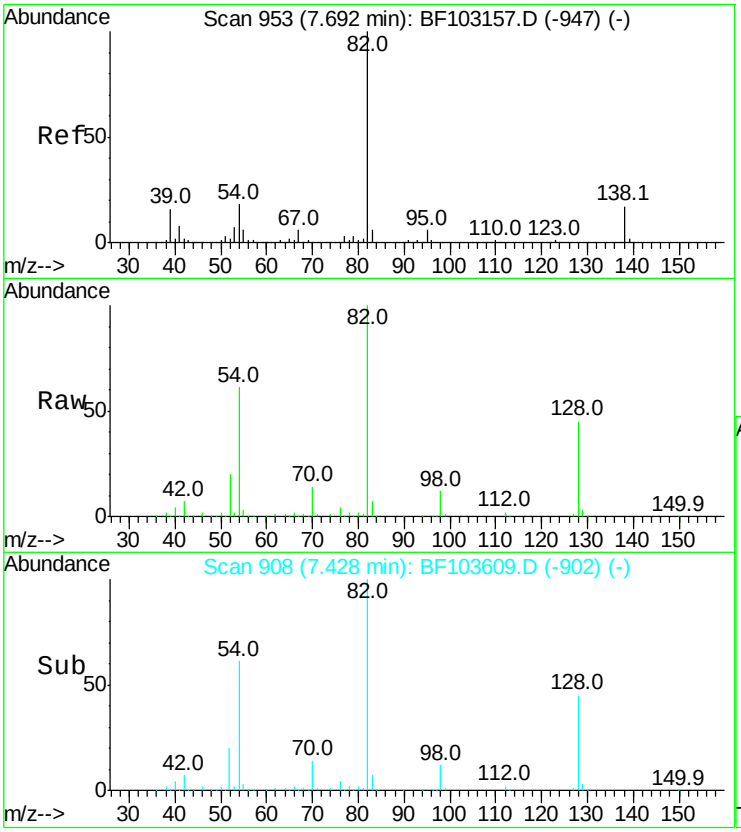


#23
Nitrobenzene-d5
Concen: 72.654 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion: 82 Resp: 689490

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	61.0	41.4	62.2



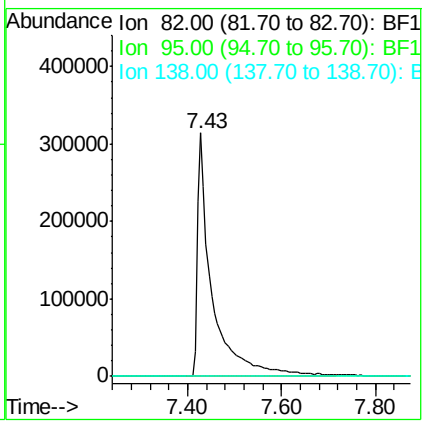


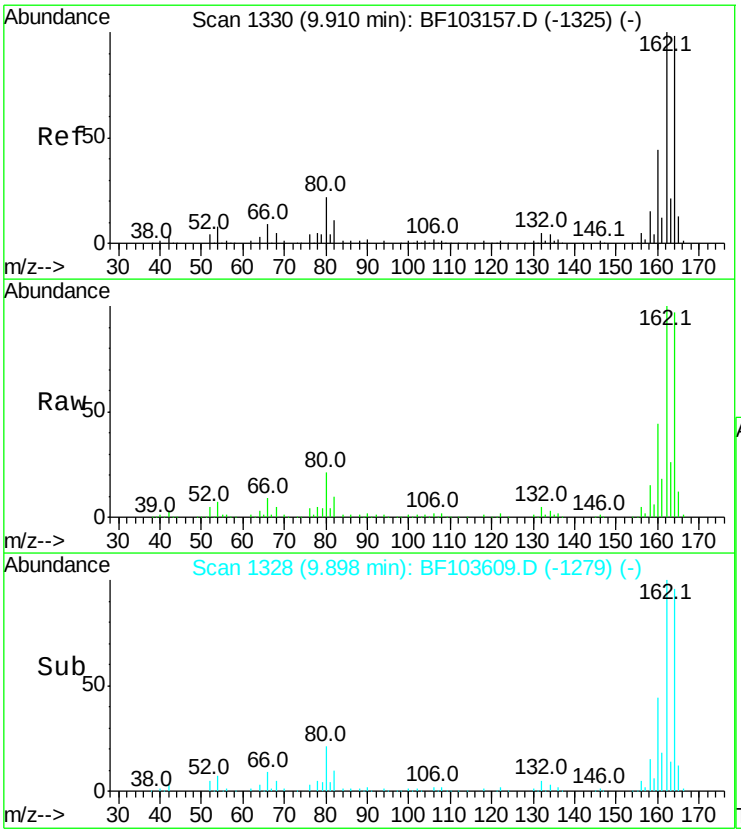
#25
Isophorone
Concen: 37.012 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 691777

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

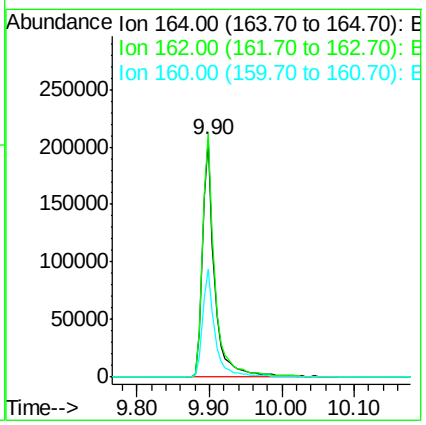


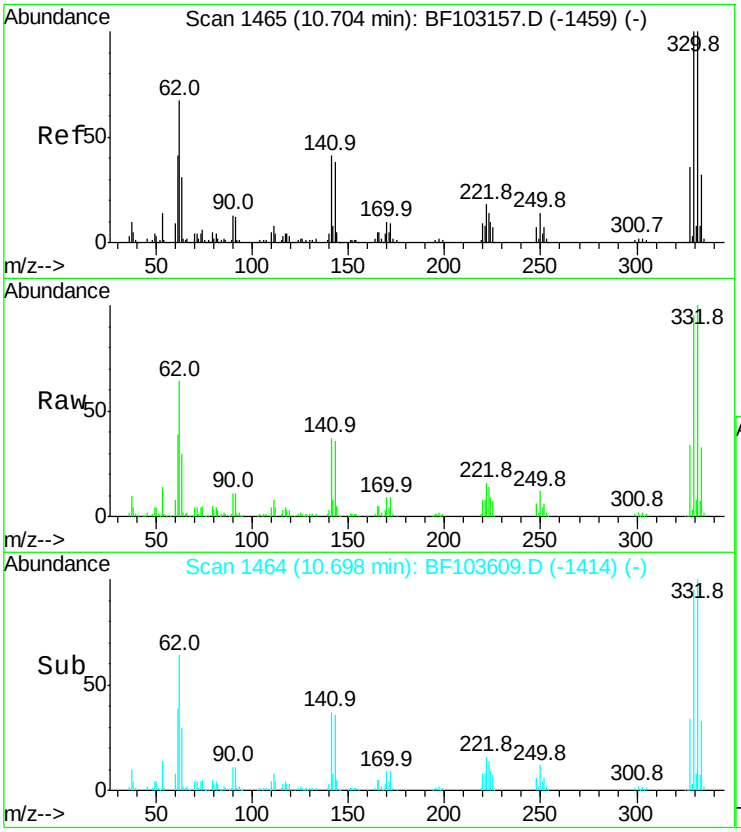


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:164 Resp: 241437

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.3	38.3	57.5



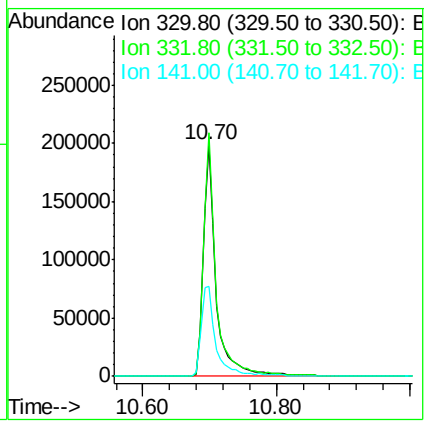


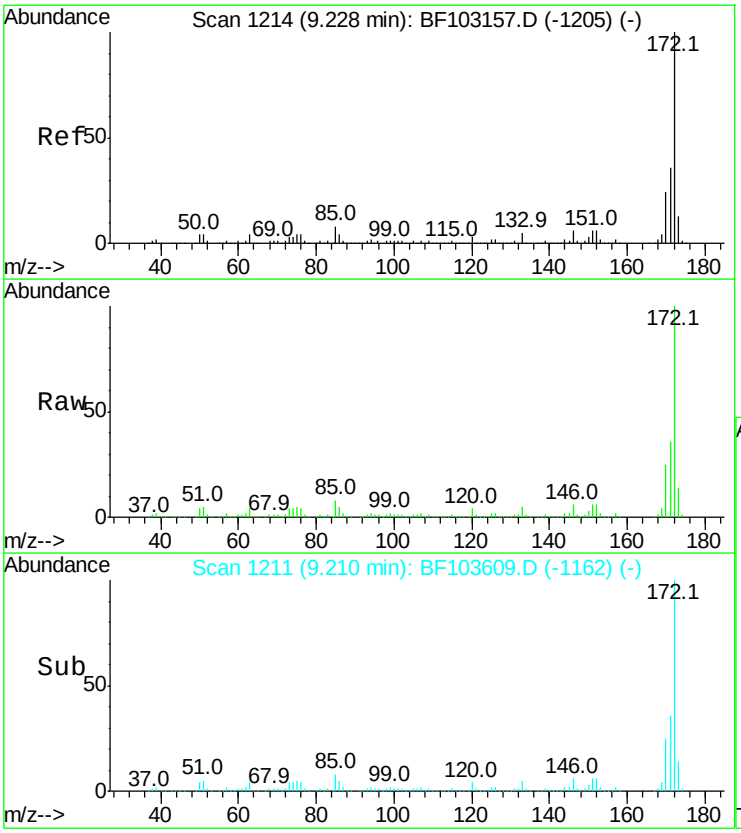
#41
2,4,6-Tribromophenol
Concen: 127.625 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 260819

Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	45.2	29.9	44.9#

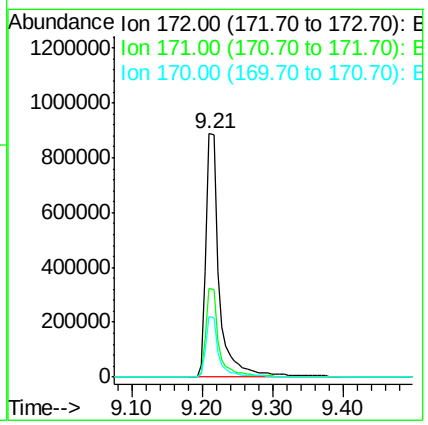


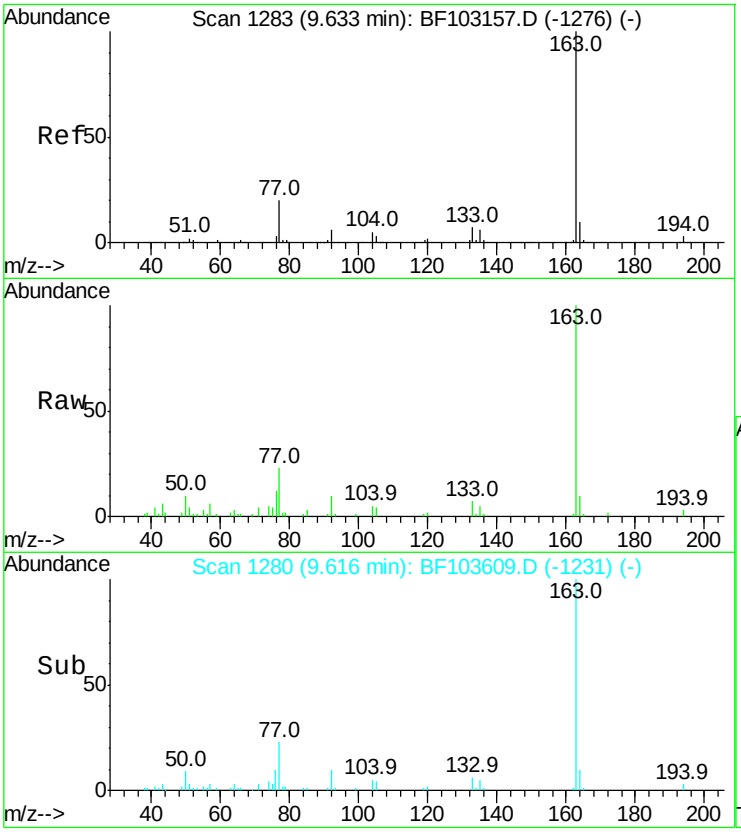


#44
2-Fluorobiphenyl
Concen: 83.347 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:172 Resp: 1173727

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	25.0	19.6	29.4



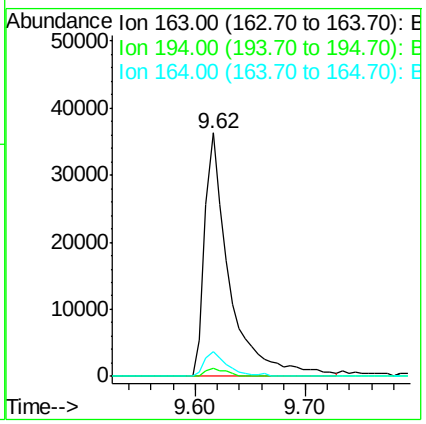


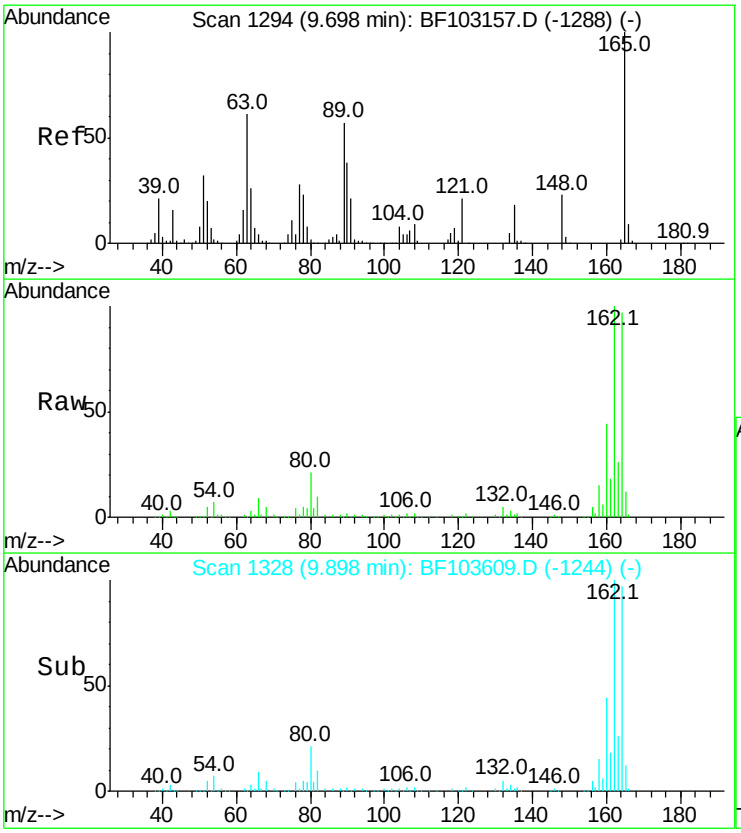
#49
Dimethylphthalate
Concen: 2.862 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 55432

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

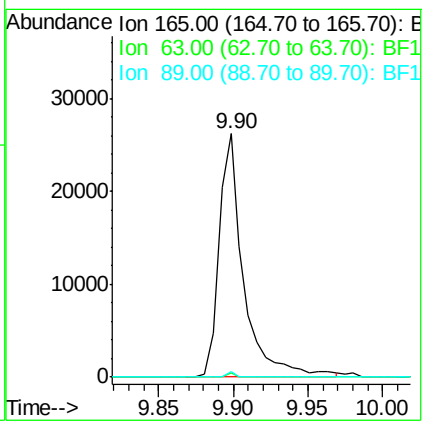


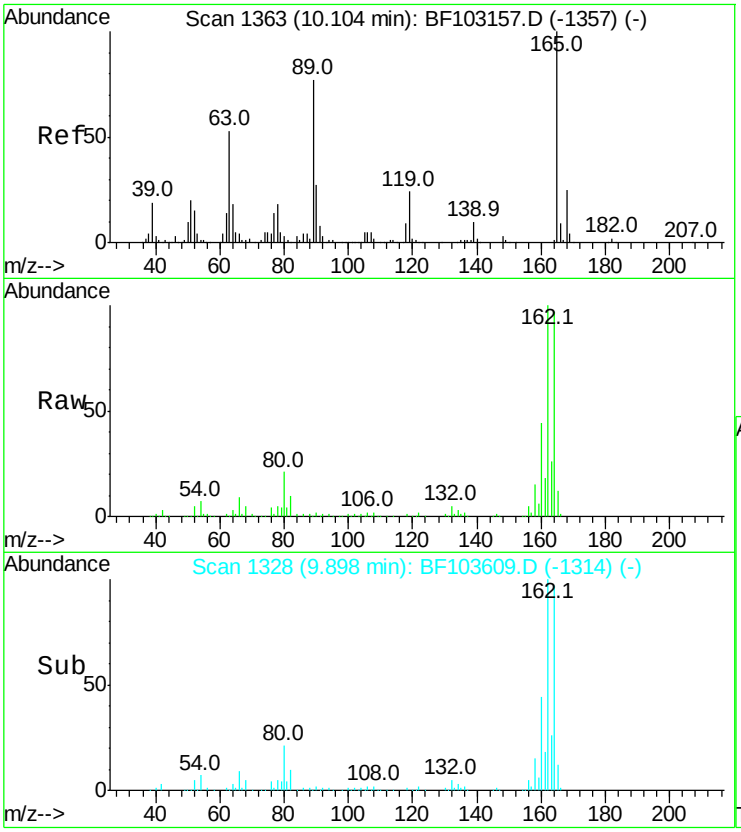


#50
2,6-Dinitrotoluene
Concen: 7.416 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.19 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:165 Resp: 30142

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.1	44.0	66.0#



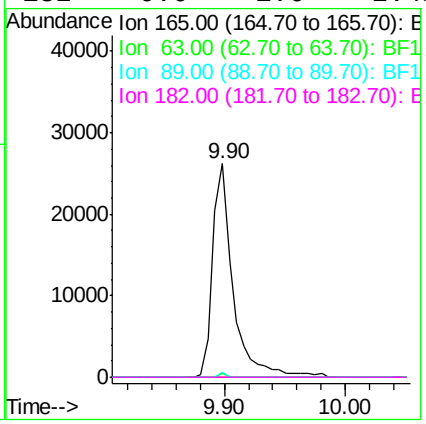


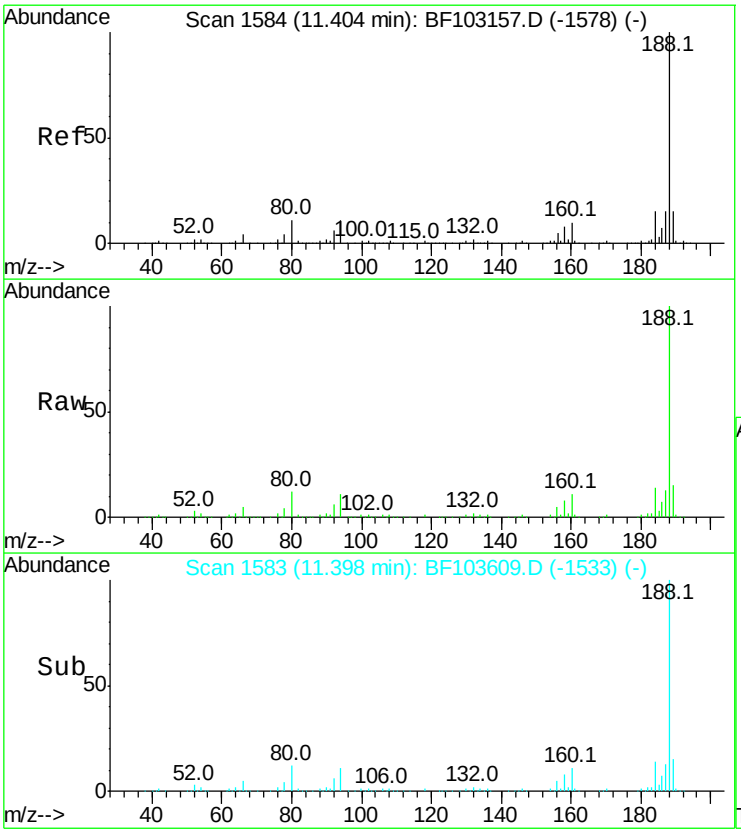
#56
2,4-Dinitrotoluene
Concen: 5.919 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.22 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30425

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

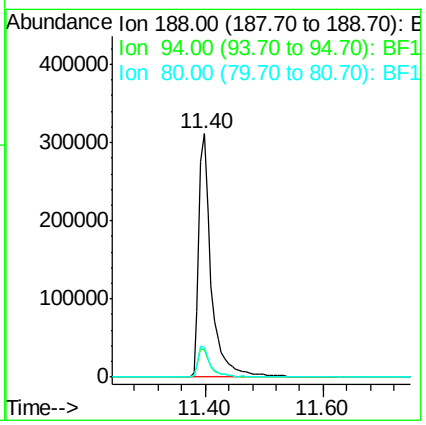


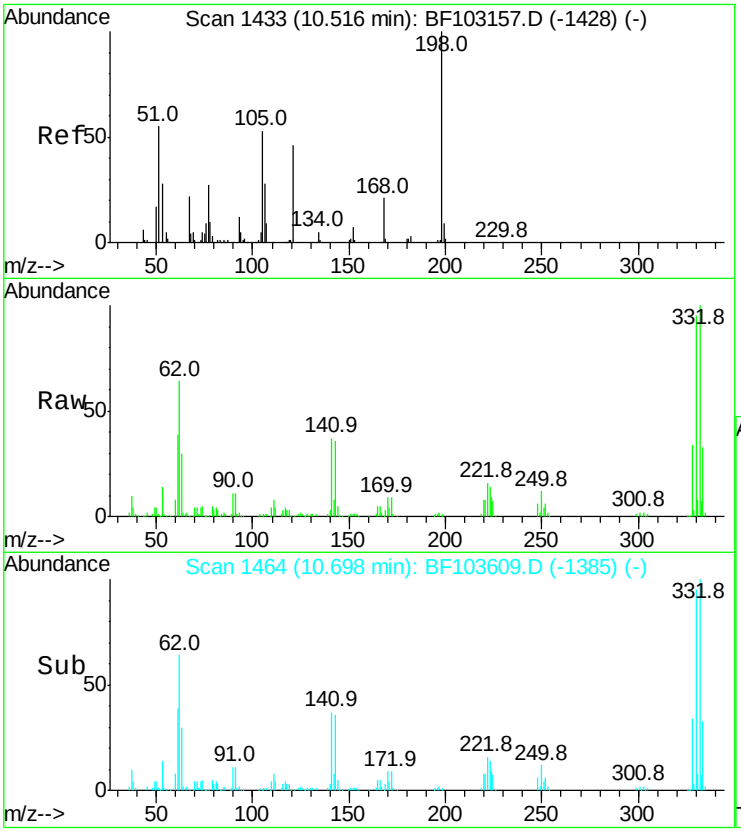


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:188 Resp: 454326

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.2	9.2	13.8



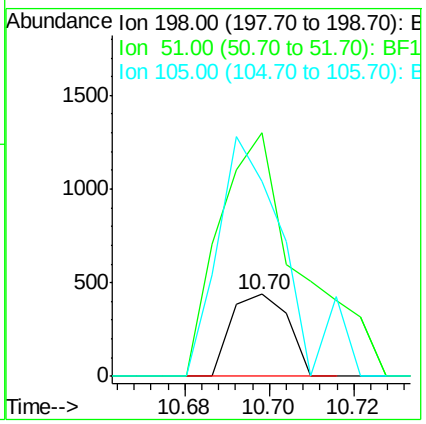


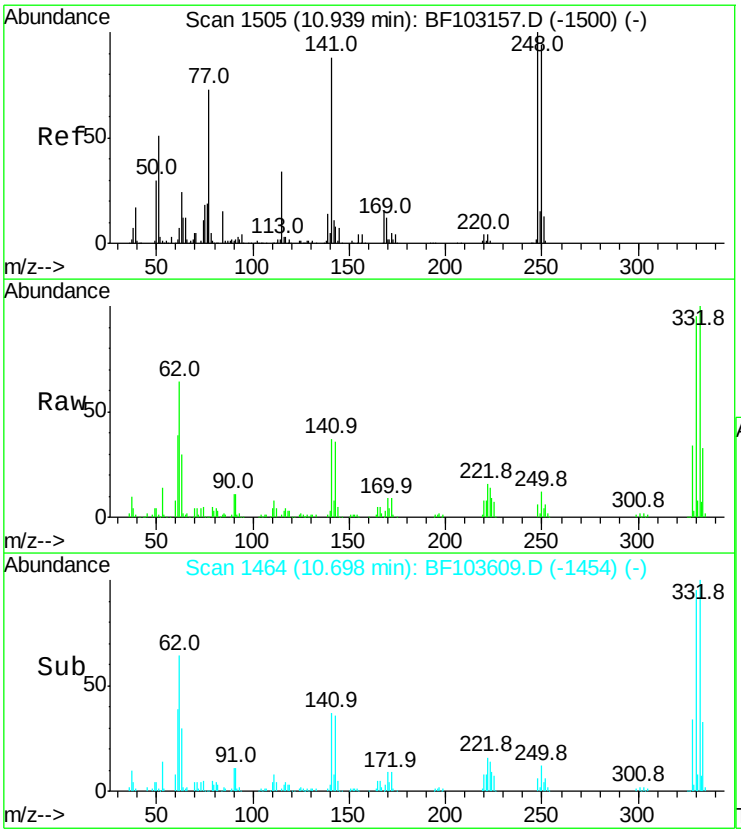
#64
4,6-Dinitro-2-methylphenol
Concen: 5.079 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.16 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 411

Ion	Ratio	Lower	Upper
198	100		
51	296.8	37.7	77.7#
105	237.7	36.3	76.3#

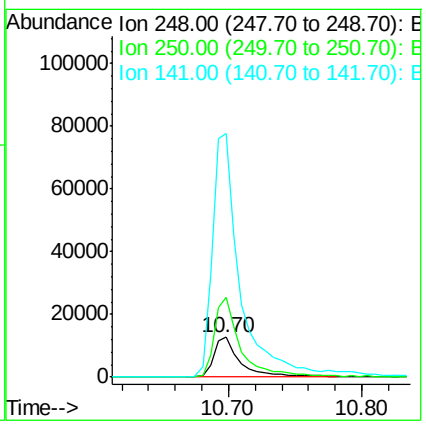


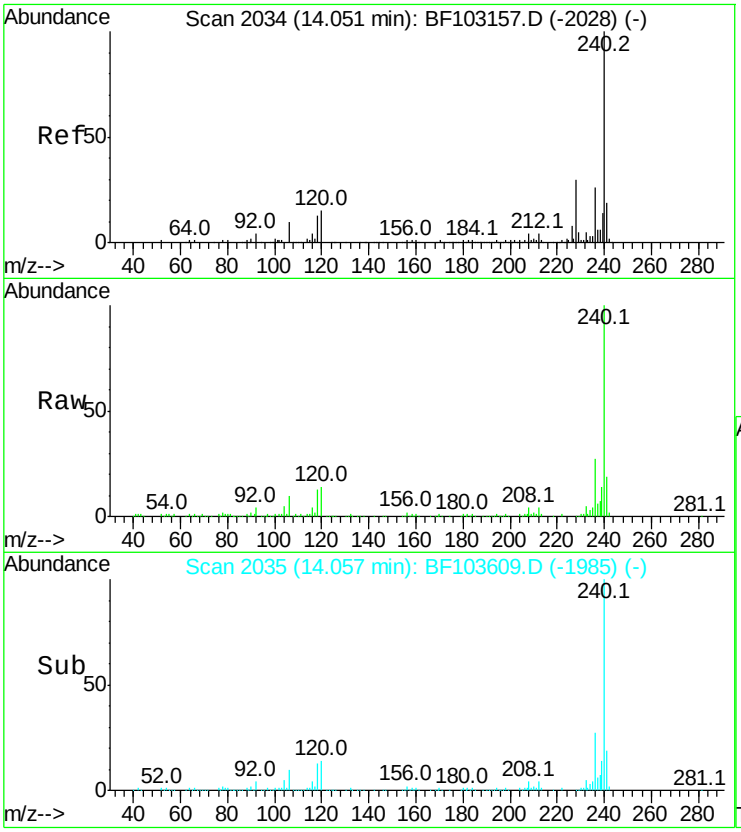


#66
4-Bromophenyl-phenylether
Concen: 3.700 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:248 Resp: 17509

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	610.7	74.4	111.6#



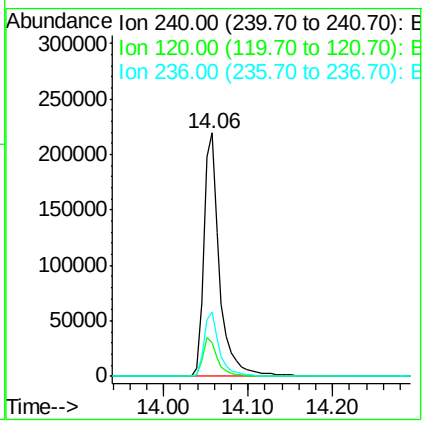


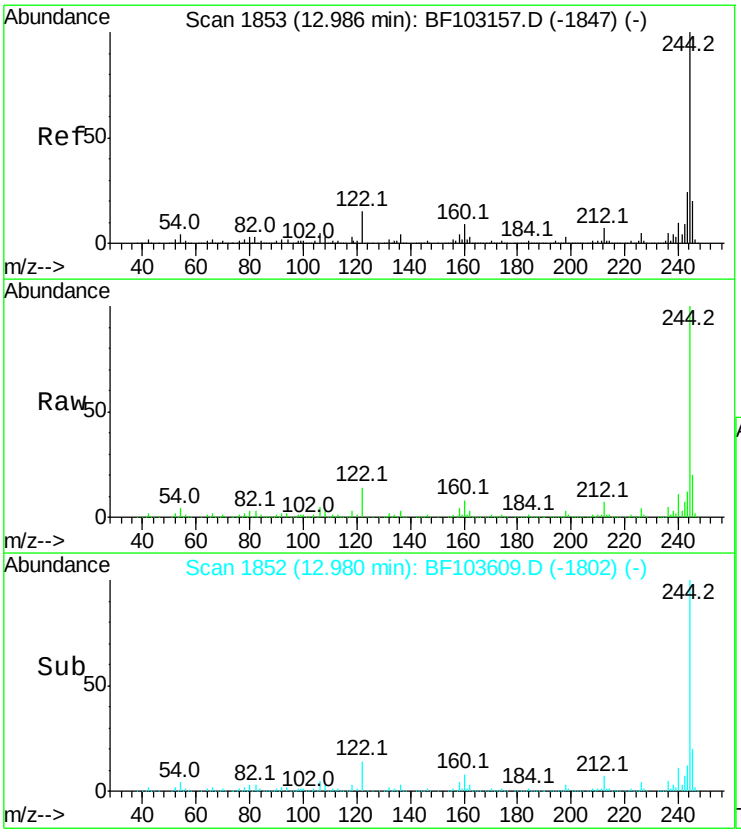
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 281133

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	26.5	20.7	31.1

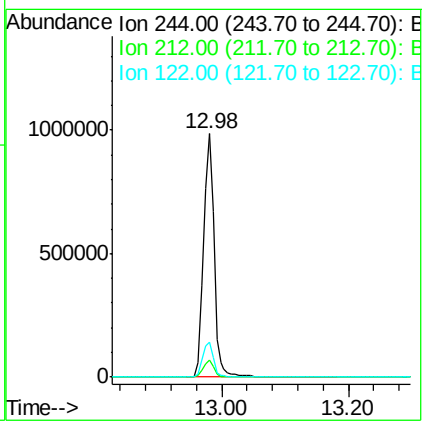


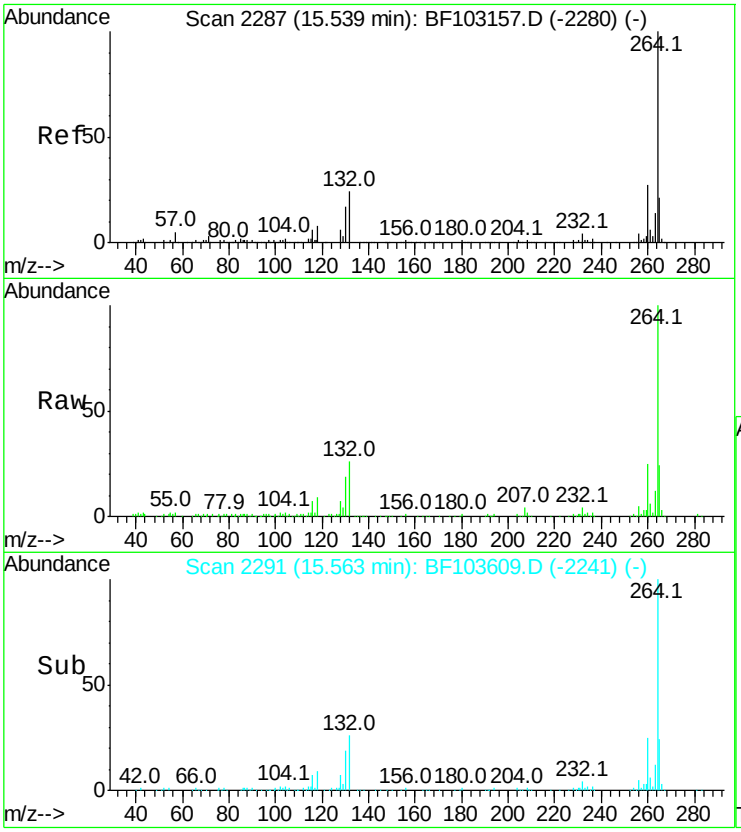


#78
Terphenyl-d14
Concen: 96.490 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Tgt Ion:244 Resp: 1128449

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103609.D
Acq: 13 Mar 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 233104

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	23.9	17.5	26.3