Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
Data File : BF102987.D
Acq On : 14 Feb 2018 14:15
Operator : SJ/JU
Sample : J1530-46
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 14 15:33:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165776	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	664838	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	259211	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	349090	20.00	ng		0.00
75) Chrysene-d12	14.04	240	298635	20.00	ng		0.00
86) Perylene-d12	15.52	264	261871	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1132462	103.74	ng		0.01
7) Phenol-d6	6.51	99	1343637	102.23	ng		0.01
23) Nitrobenzene-d5	7.44	82	844545	88.12	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	187378	89.81	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1247017	79.83	ng		0.00
78) Terphenyl-d14	12.99	244	838062	66.45	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	42961	3.050	ng		76
19) n-Nitroso-di-n-propylamine	7.44	70	112459	12.977	ng	#	83
25) Isophorone	7.44	82	844533	38.269	ng	#	64
47) 2-Nitroaniline	9.62	65	1252	3.691	ng	#	1
49) Dimethylphthalate	9.62	163	109365	5.411	ng		99
50) 2,6-Dinitrotoluene	9.92	165	32967	8.573	ng	#	25
56) 2,4-Dinitrotoluene	9.92	165	32967	9.059	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	431	9.067	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	12611	3.415	ng	#	1

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

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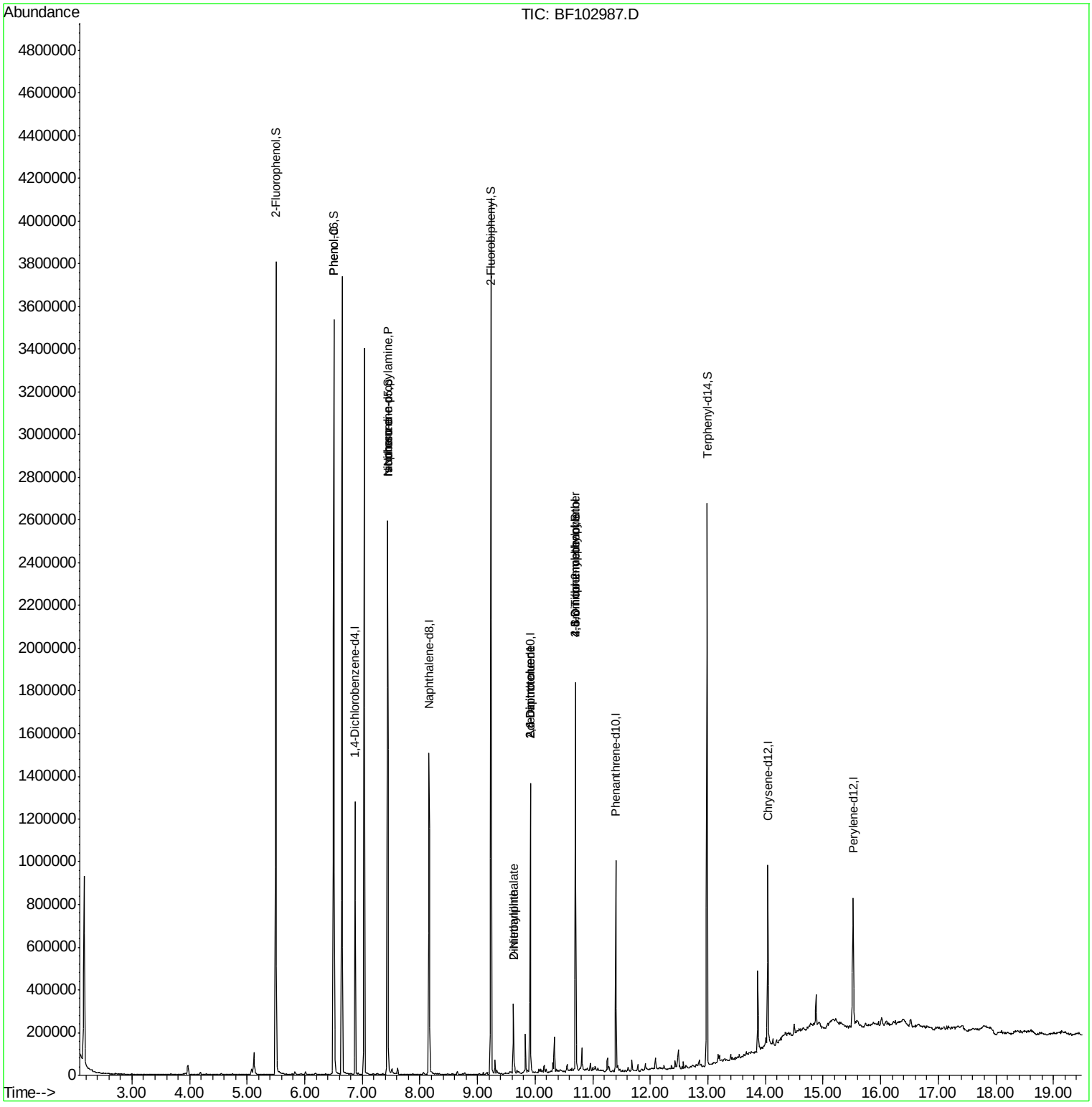
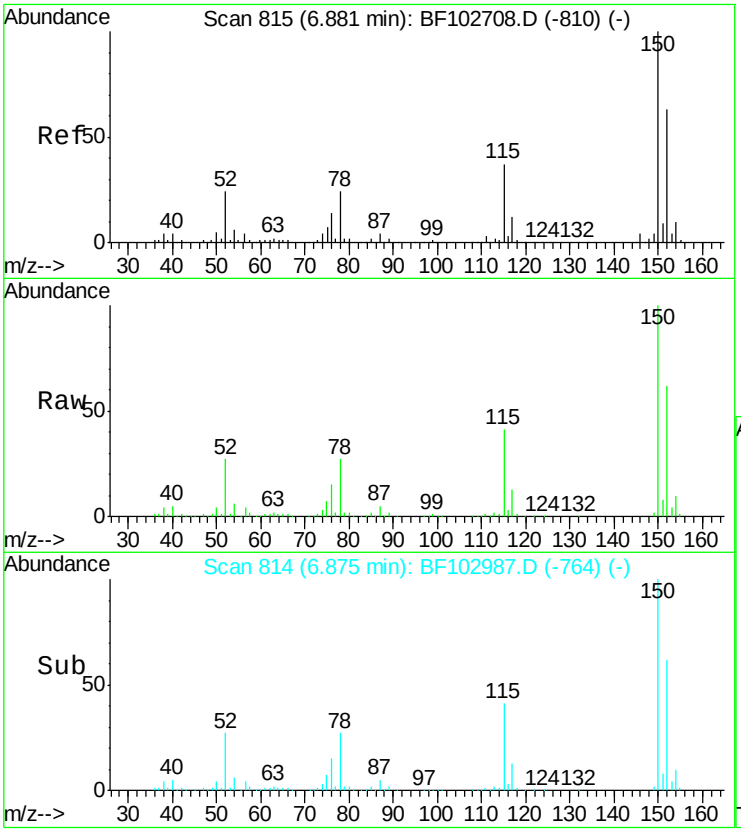


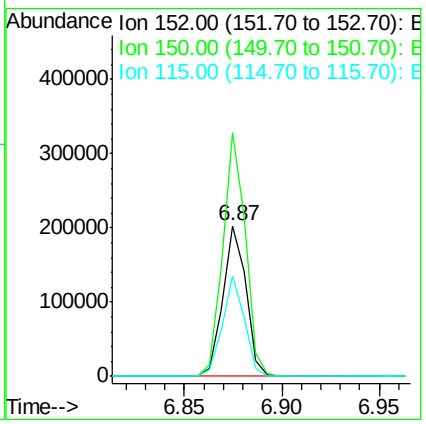


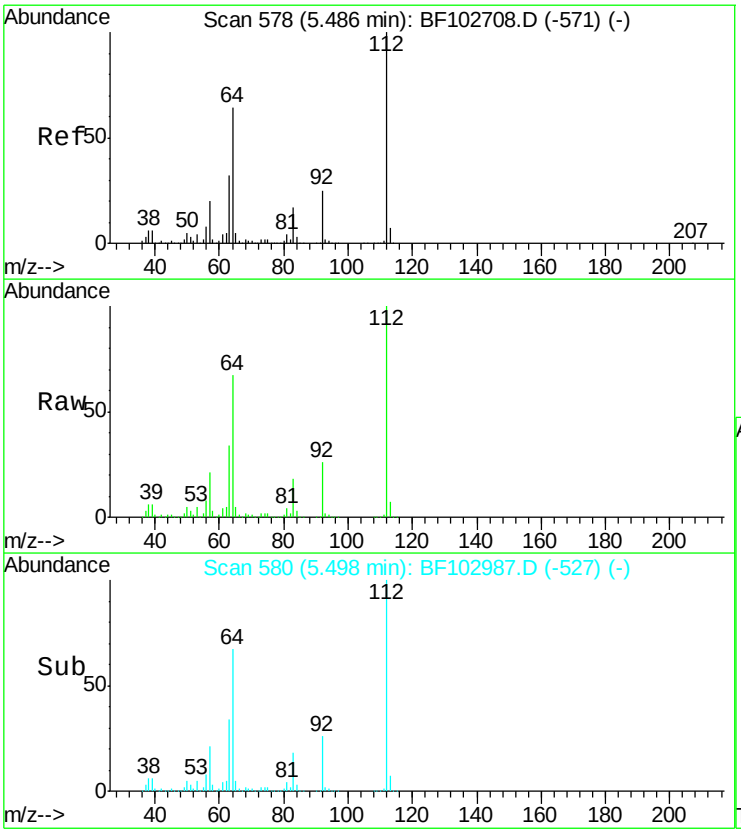
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 165776

Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.6	186.8
115	66.7	50.1	75.1

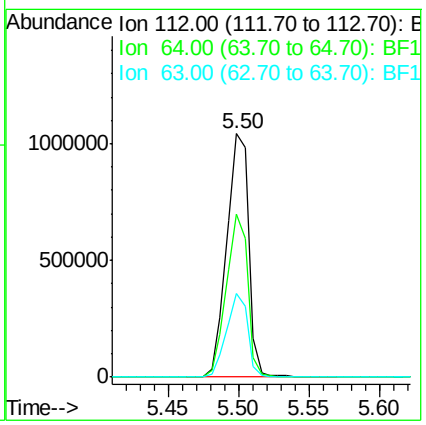


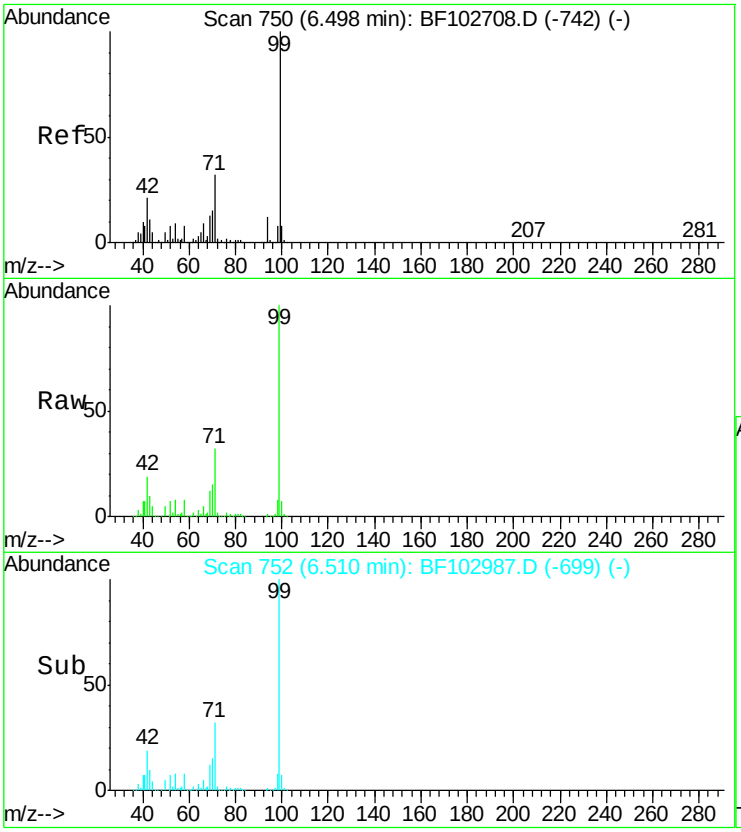


#5
2-Fluorophenol
Concen: 103.744 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:112 Resp: 1132462

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	34.1	23.7	35.5



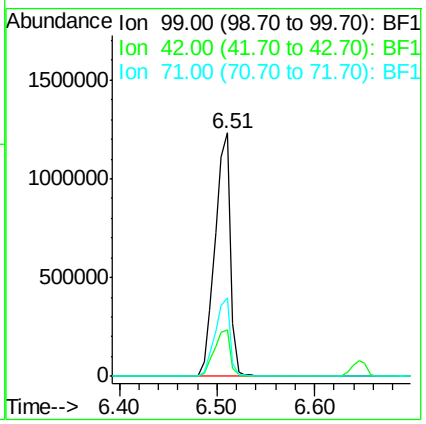


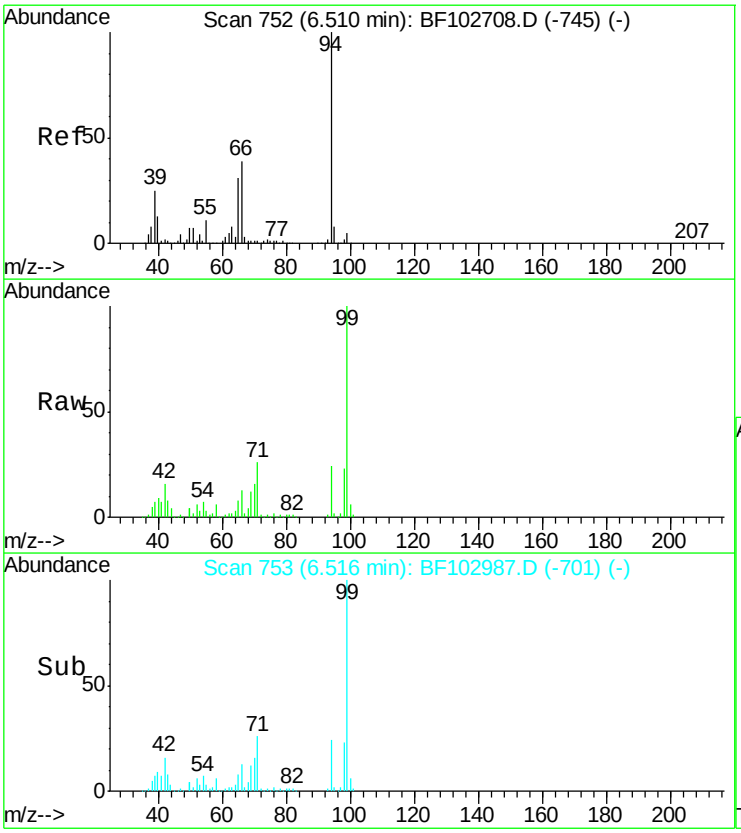
#7
Phenol-d6
Concen: 102.228 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1343637

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.0	25.4	38.0

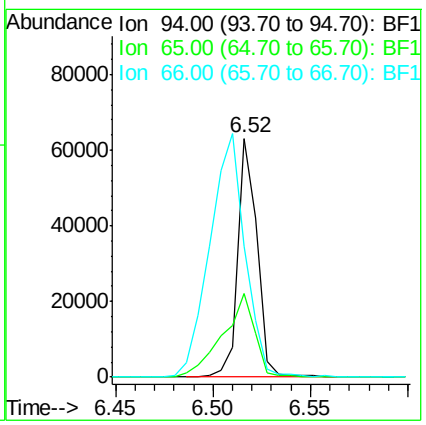


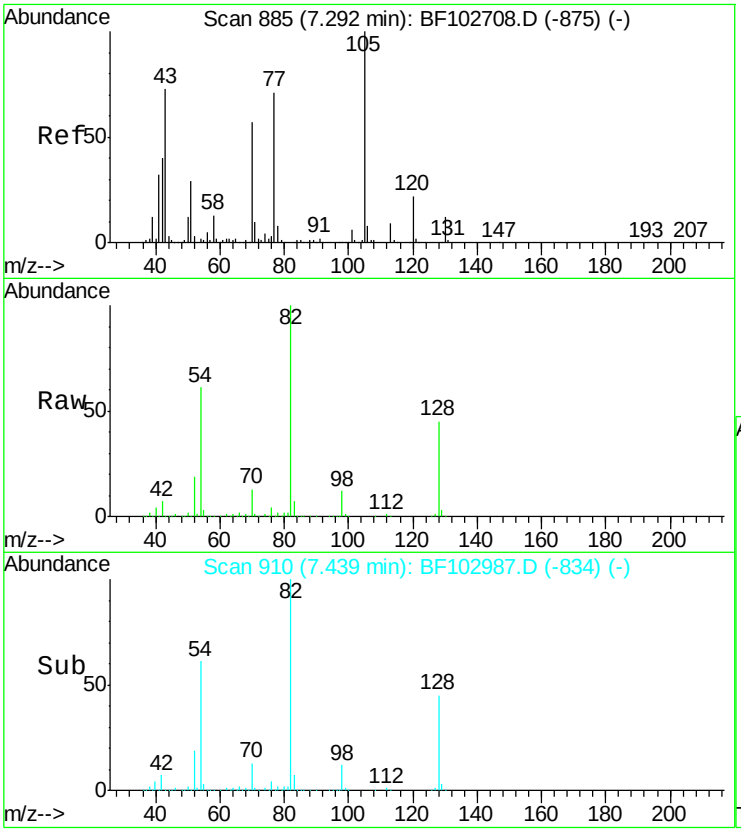


#10
Phenol
Concen: 3.050 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion: 94 Resp: 42961

Ion	Ratio	Lower	Upper
94	100		
65	34.9	7.9	47.9
66	55.1	16.2	56.2



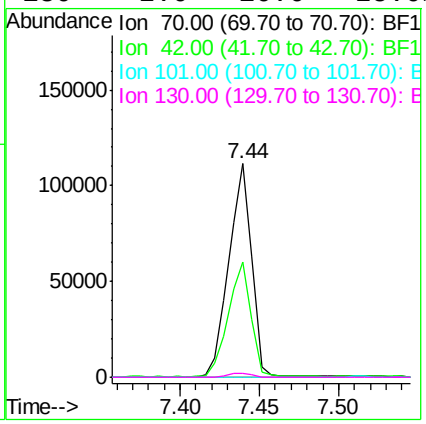


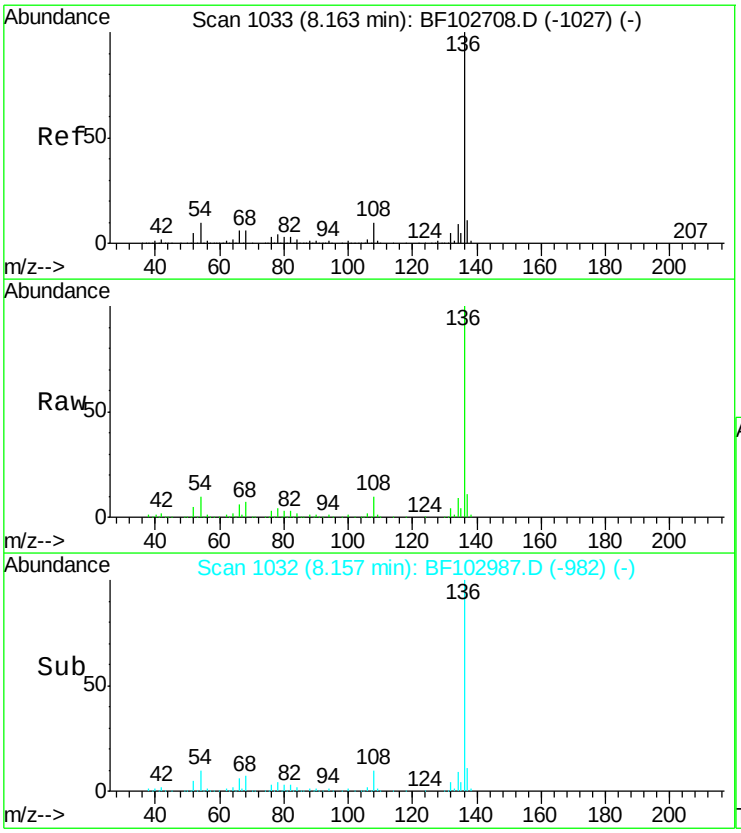
#19
n-Nitroso-di-n-propylamine
Concen: 12.977 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112459

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#

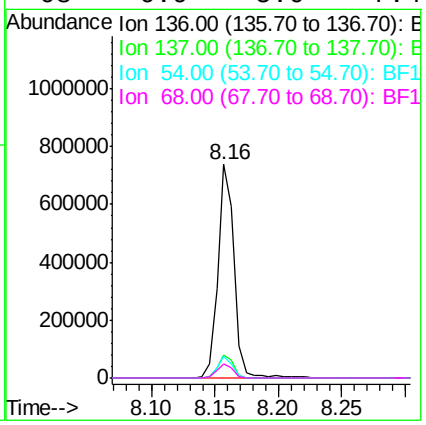


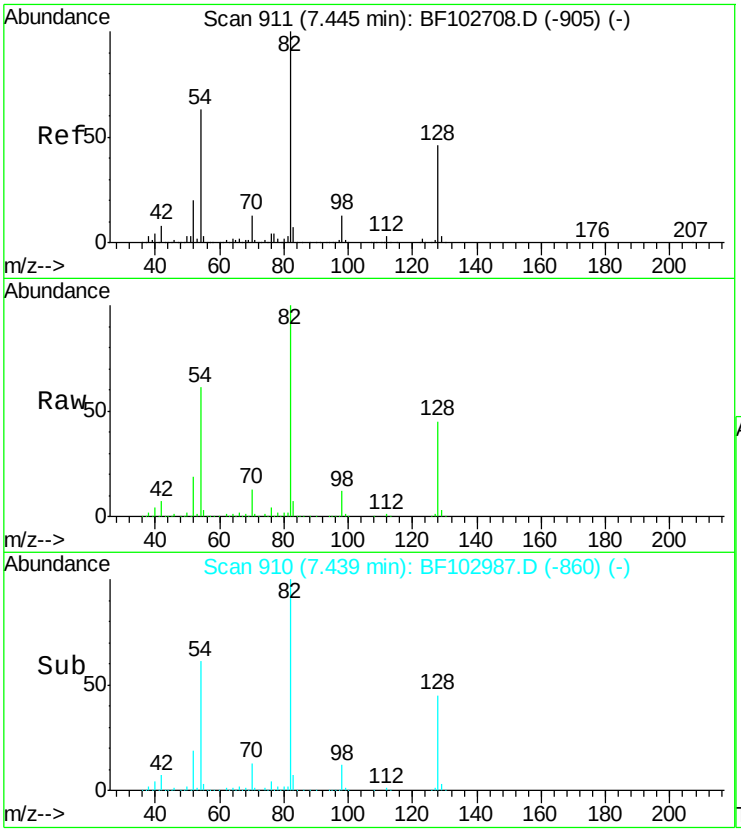


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:136 Resp: 664838

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.9	5.0	7.4



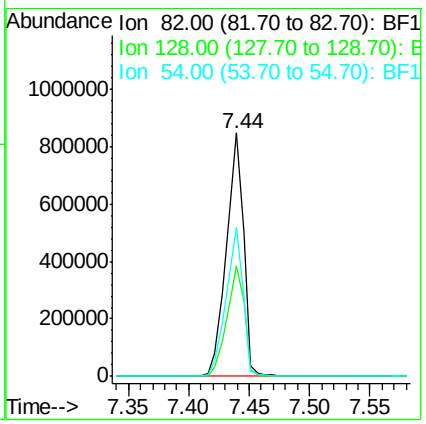


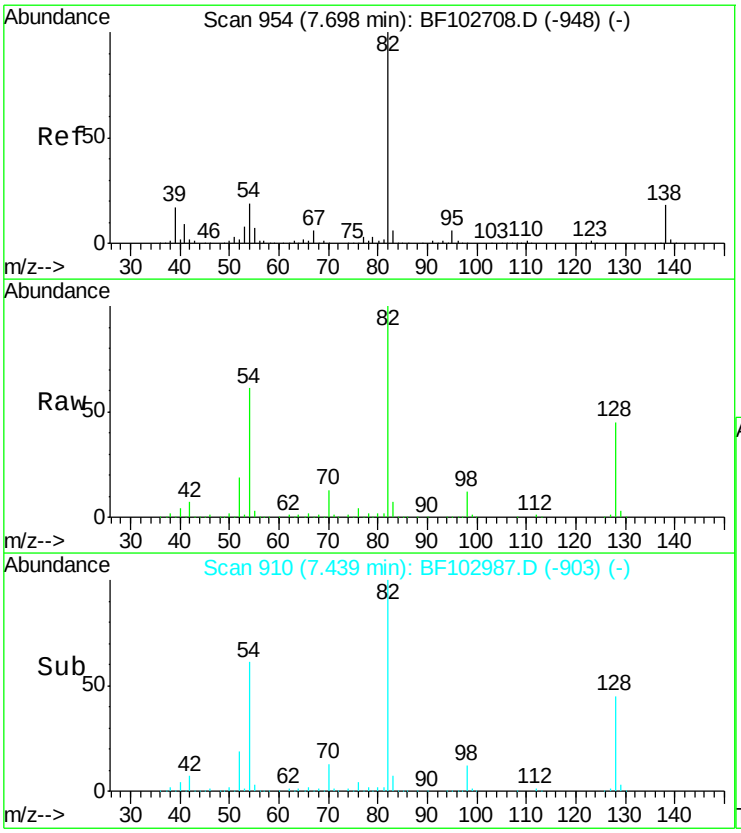
#23
Nitrobenzene-d5
Concen: 88.122 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 844545

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	61.1	41.4	62.2

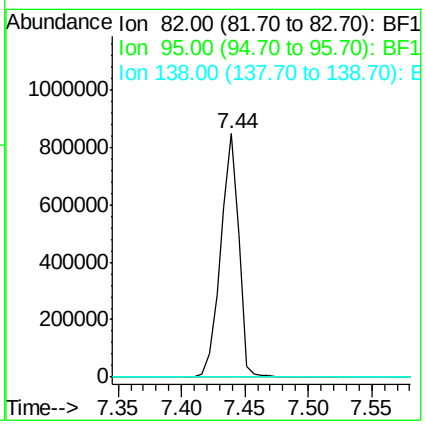


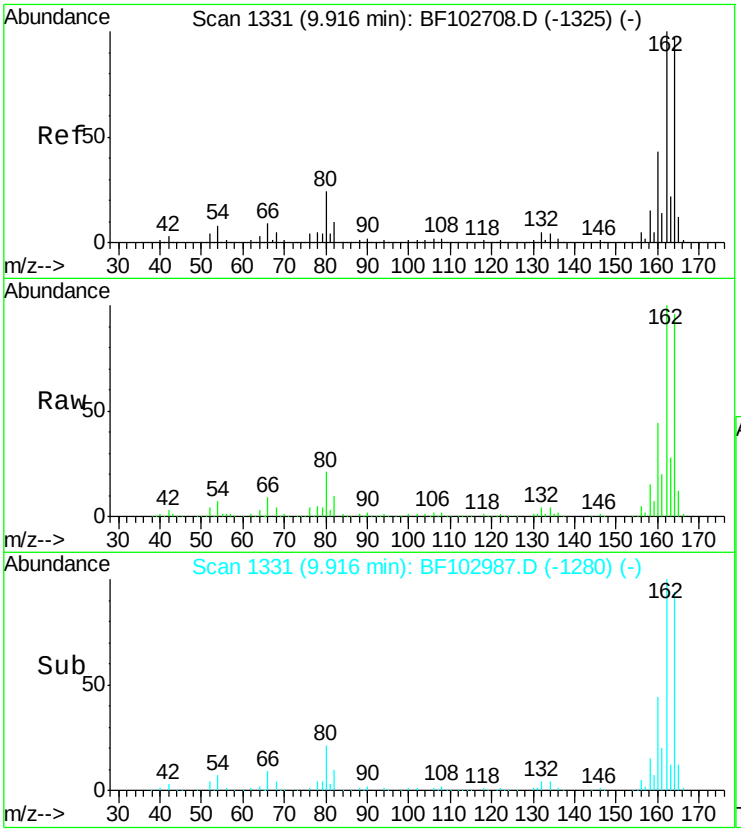


#25
Isophorone
Concen: 38.269 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion: 82 Resp: 844533

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



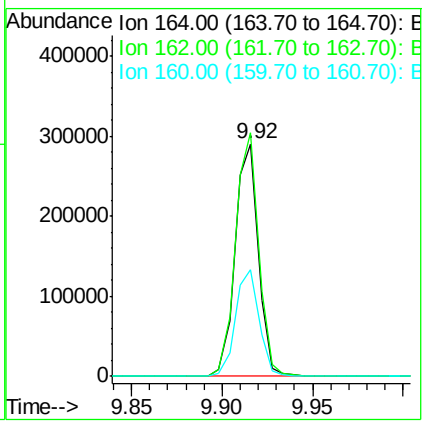


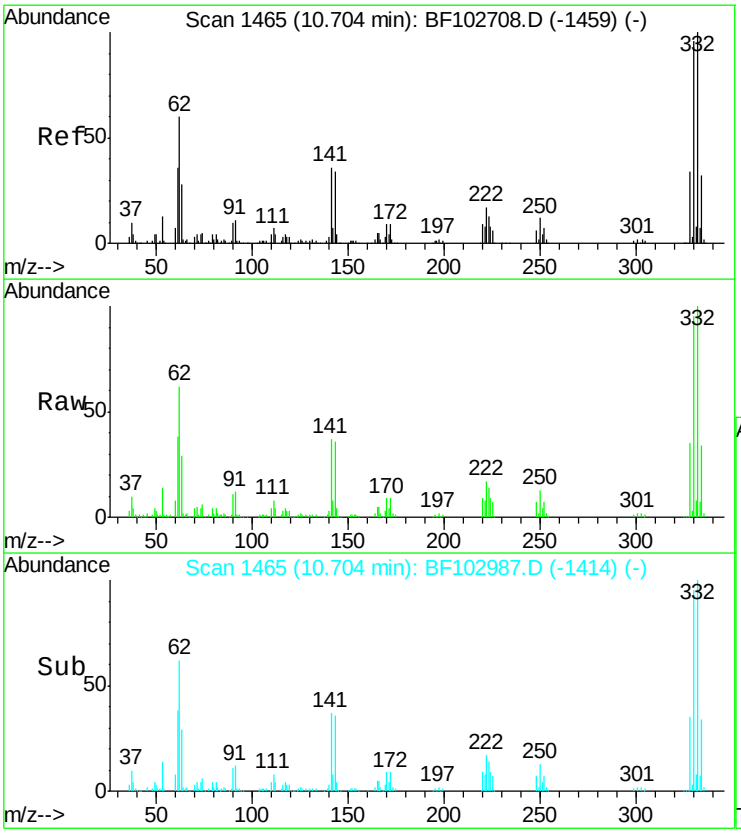
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 259211

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.1	38.3	57.5

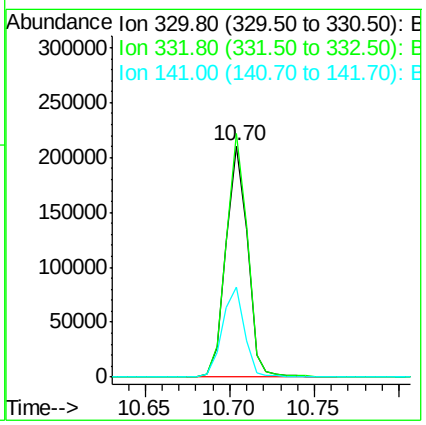


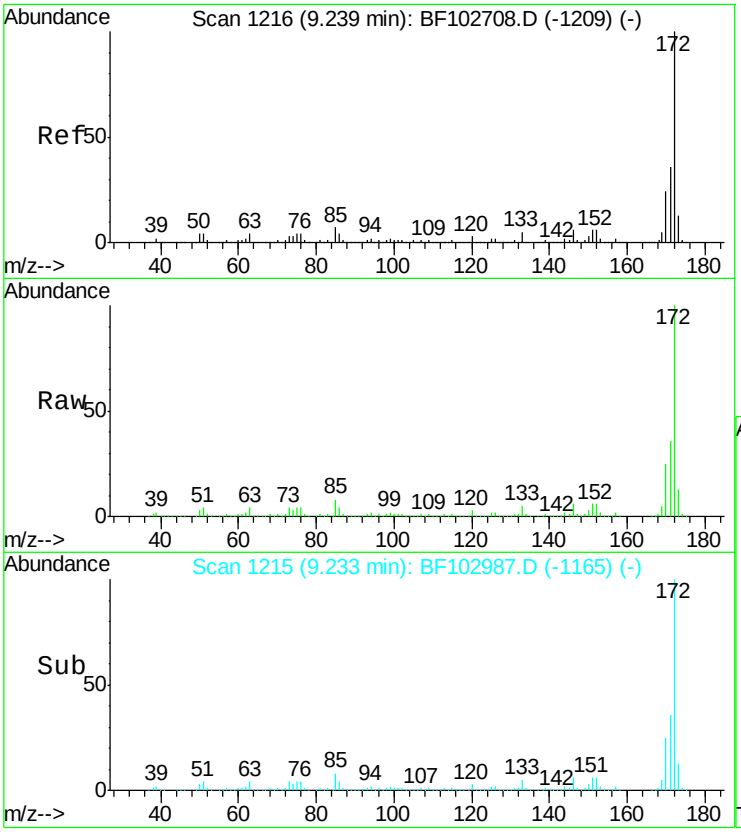


#41
2,4,6-Tribromophenol
Concen: 89.812 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:330 Resp: 187378

Ion	Ratio	Lower	Upper
330	100		
332	103.4	77.0	115.6
141	39.9	29.9	44.9



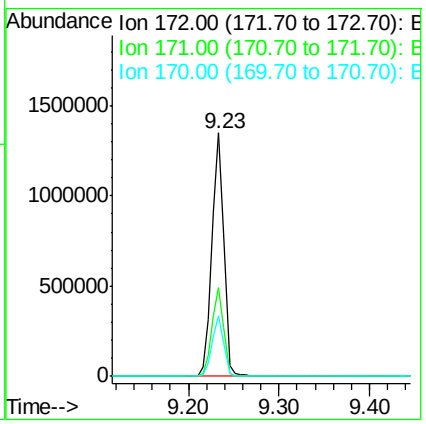


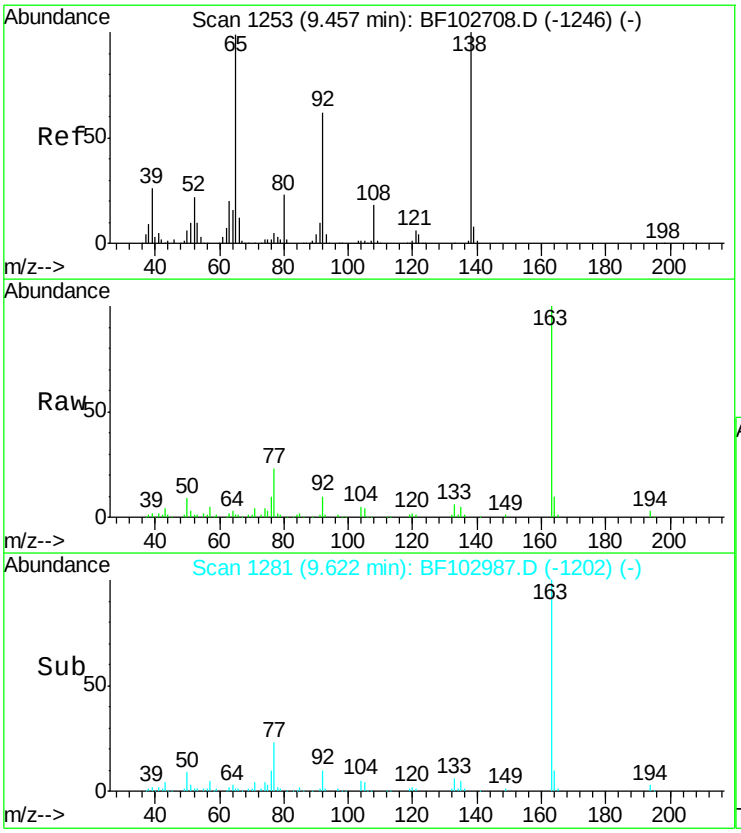
#44
2-Fluorobiphenyl
Concen: 79.829 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1247017

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

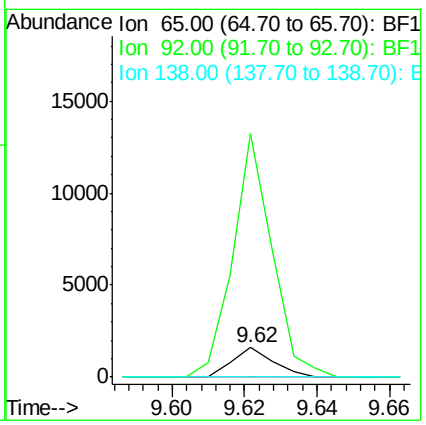


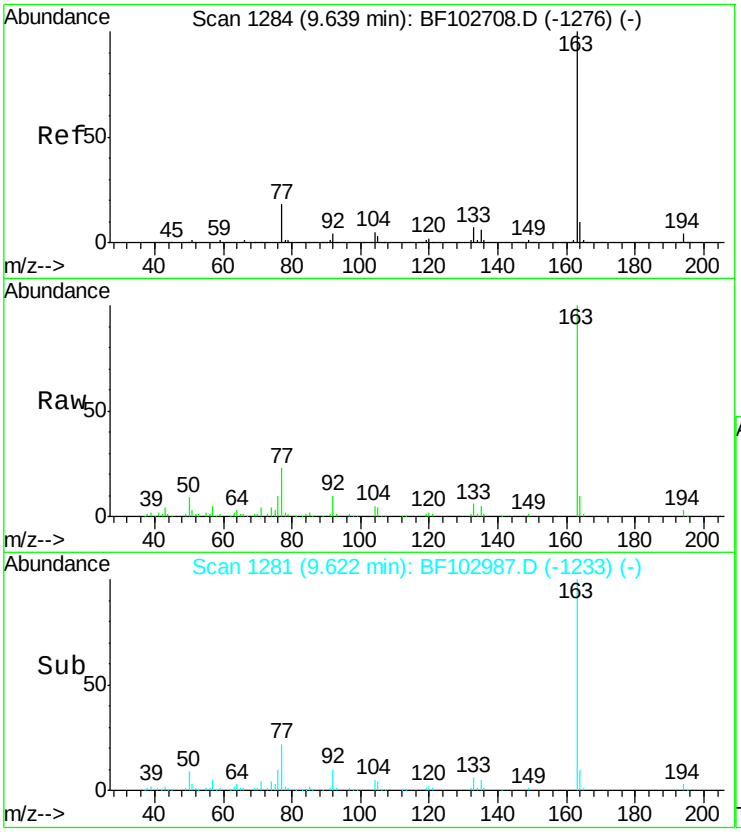


#47
2-Nitroaniline
Concen: 3.691 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.17 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion: 65 Resp: 1252

Ion	Ratio	Lower	Upper
65	100		
92	829.1	55.8	83.6#
138	0.0	91.2	136.8#



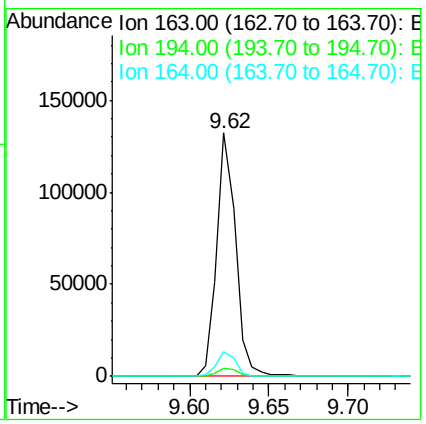


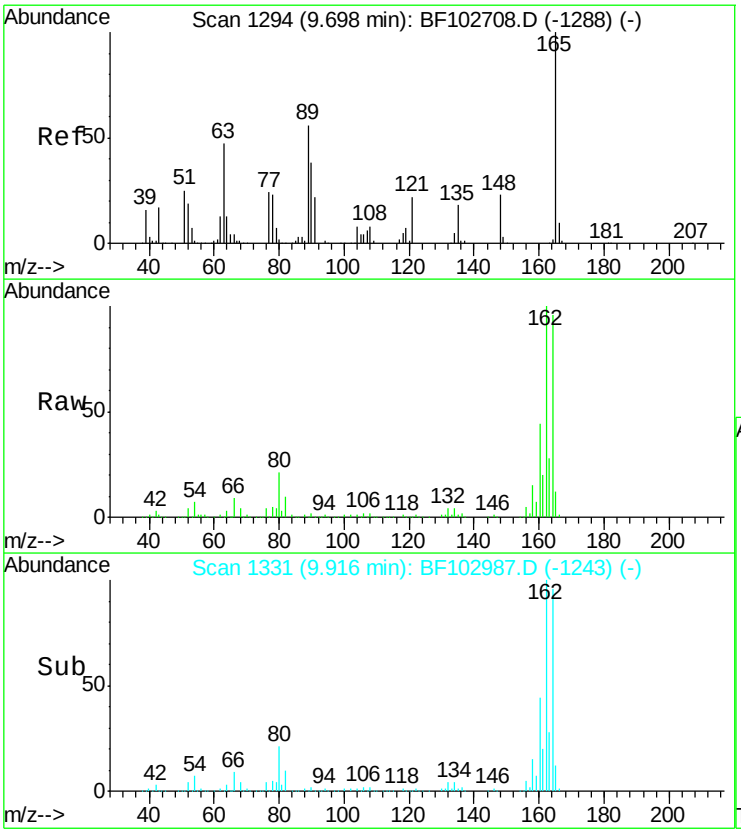
#49
Dimethylphthalate
Concen: 5.411 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 109365

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

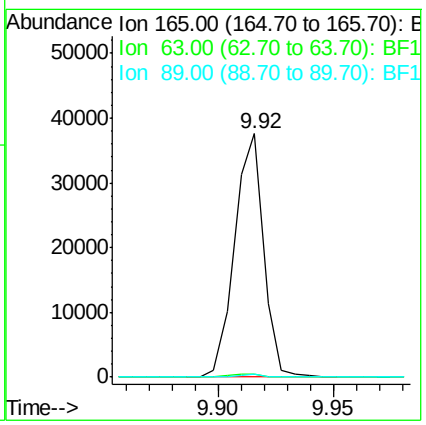


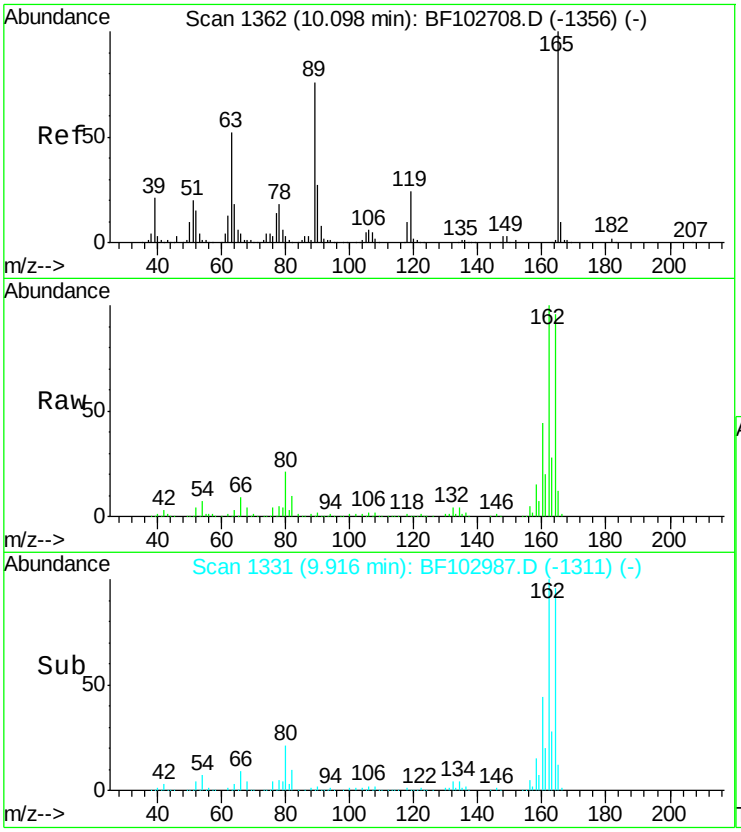


#50
2,6-Dinitrotoluene
Concen: 8.573 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:165 Resp: 32967

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



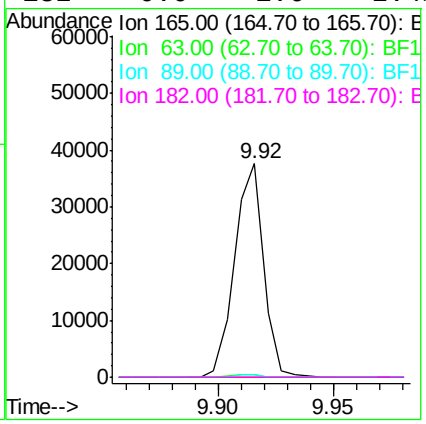


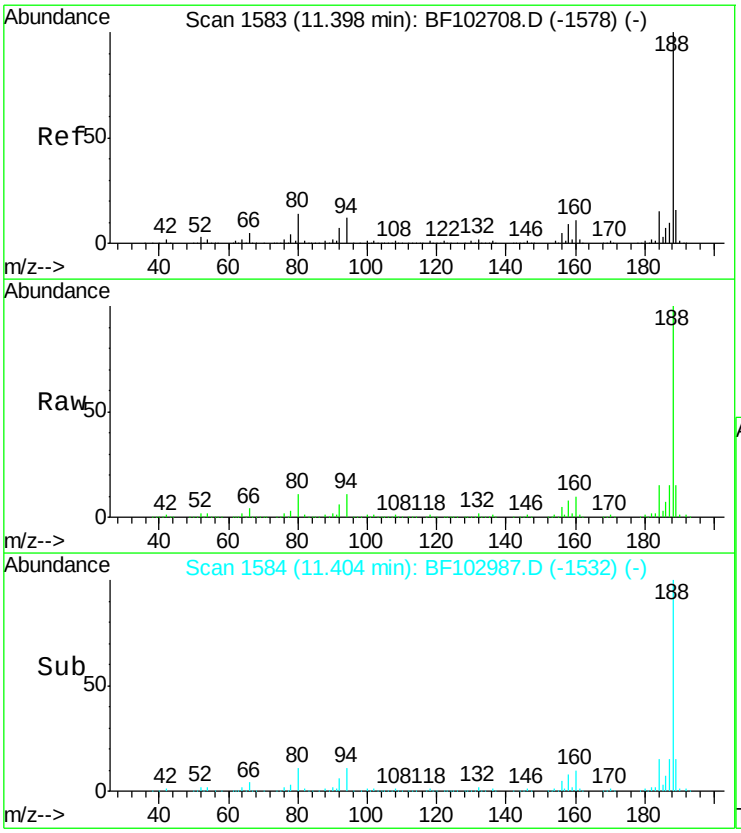
#56
2,4-Dinitrotoluene
Concen: 9.059 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32967

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

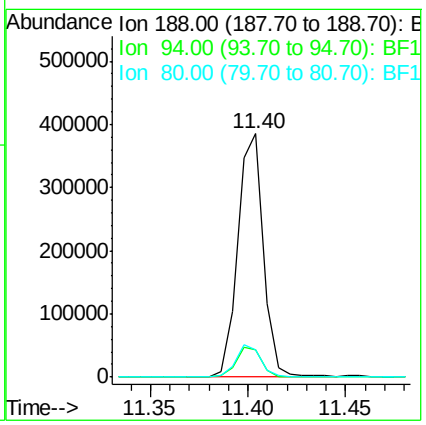


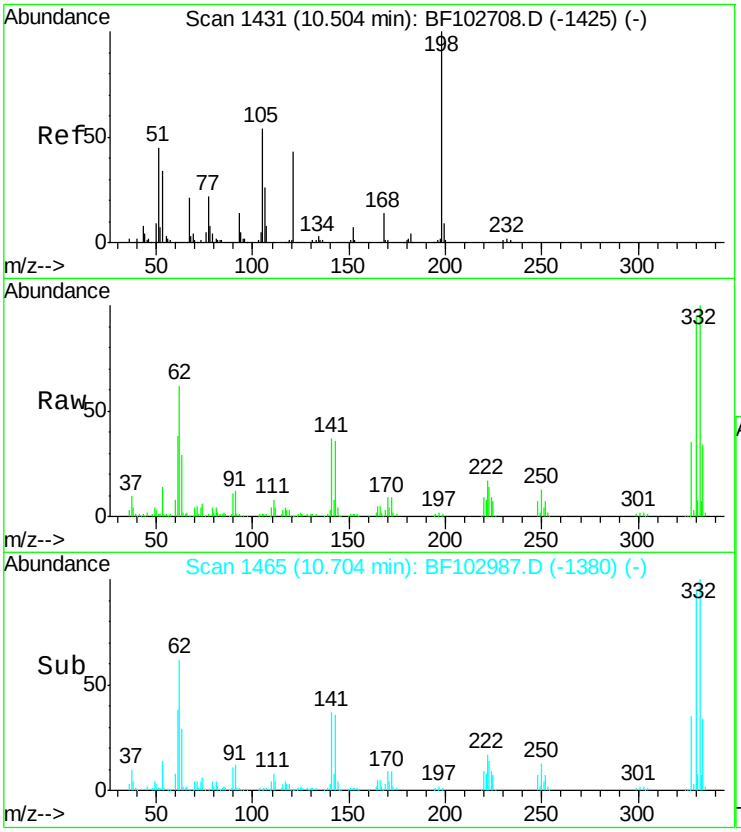


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:188 Resp: 349090

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8



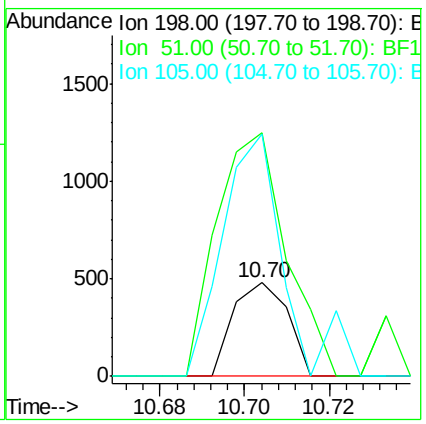


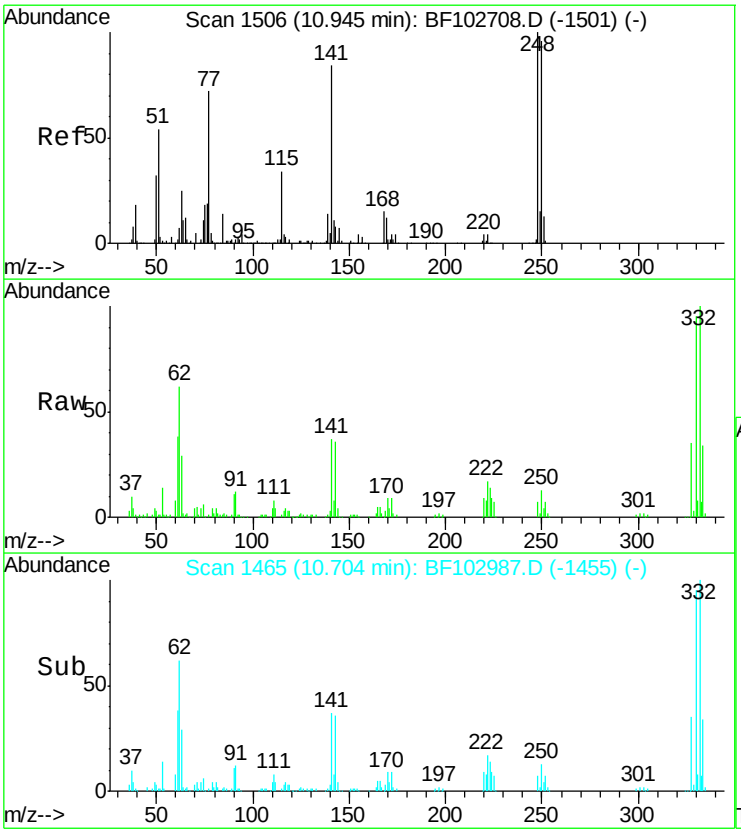
#64
4,6-Dinitro-2-methylphenol
Concen: 9.067 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.20 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 431

Ion	Ratio	Lower	Upper
198	100		
51	260.3	37.7	77.7#
105	258.7	36.3	76.3#

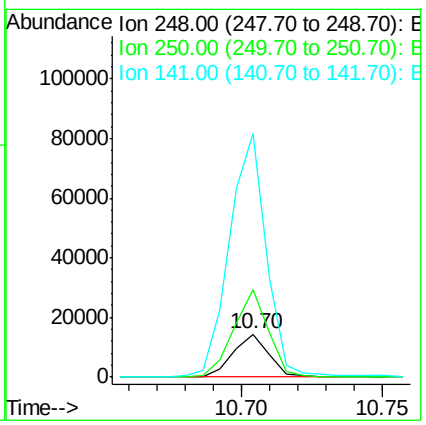


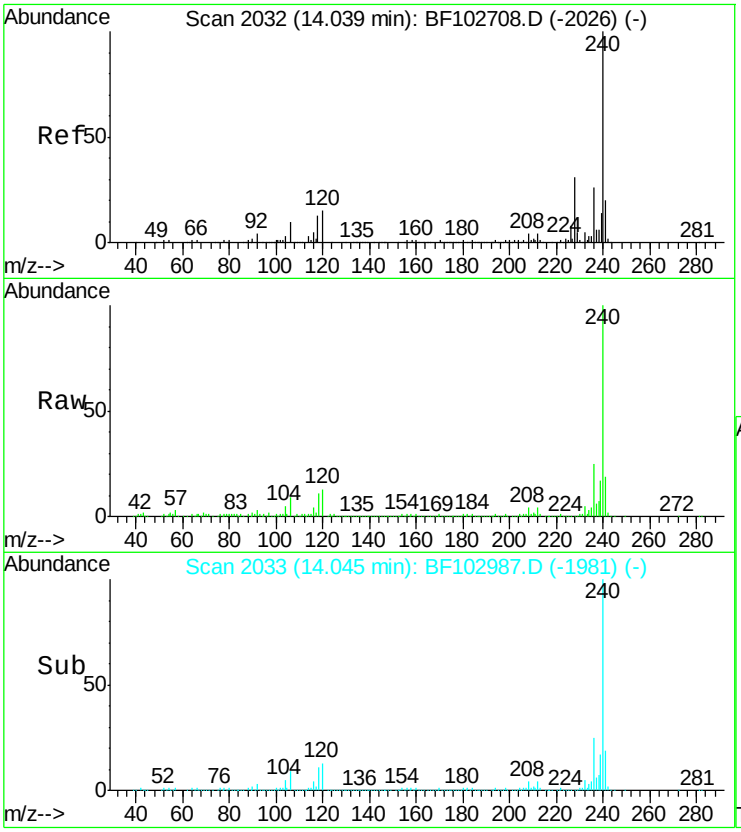


#66
4-Bromophenyl-phenylether
Concen: 3.415 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:248 Resp: 12611

Ion	Ratio	Lower	Upper
248	100		
250	203.2	76.9	115.3#
141	563.8	74.4	111.6#



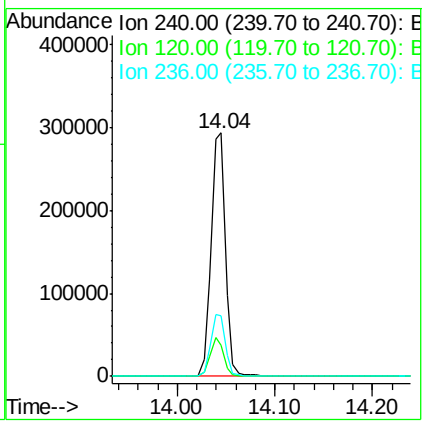


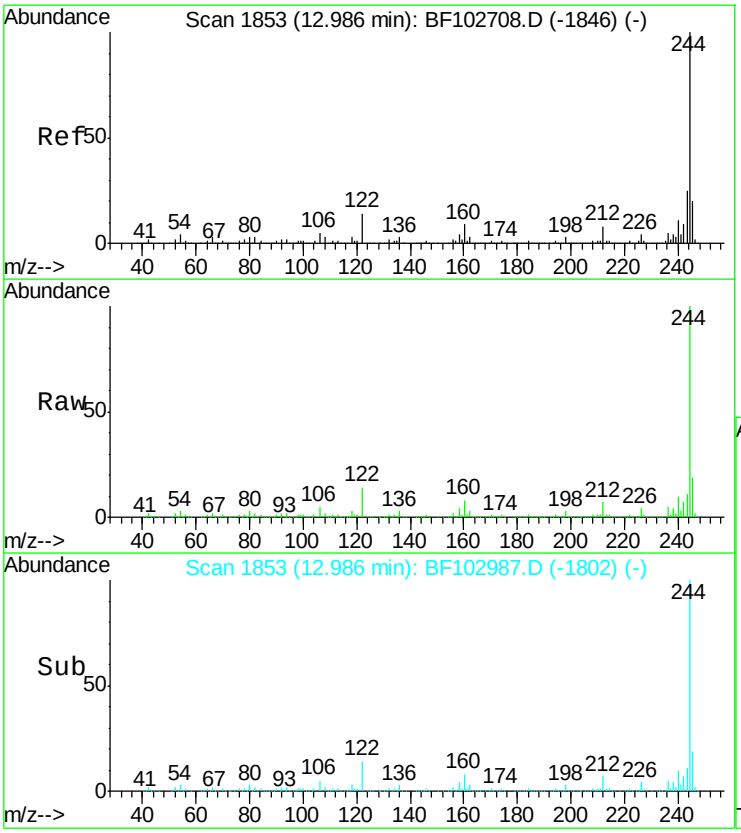
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 298635

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.0	20.7	31.1

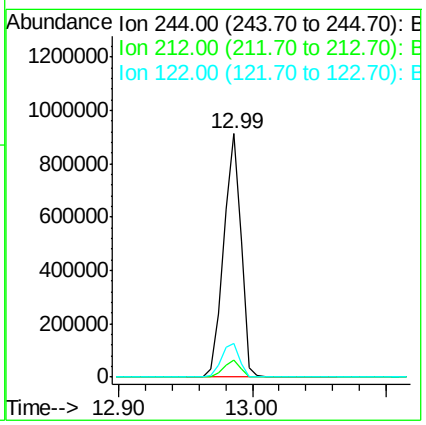


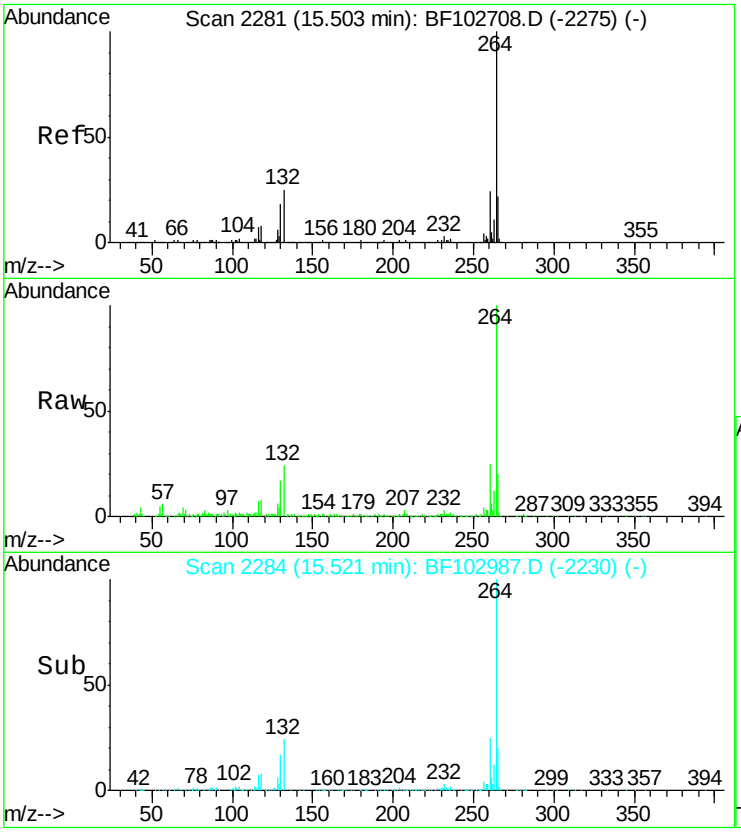


#78
Terphenyl-d14
Concen: 66.447 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Tgt Ion:244 Resp: 838062

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF102987.D
Acq: 14 Feb 2018 14:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 261871

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	20.4	17.5	26.3