Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103692.D
Acq On : 16 Mar 2018 13:18
Operator : JU/SJ
Sample : J1867-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 13:59:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 13:24:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	159569	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	660328	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	314190	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	580837	20.00	ng	0.00
75) Chrysene-d12	14.14	240	482693	20.00	ng	0.00
86) Perylene-d12	15.67	264	361245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	608072	57.96	ng	0.00
7) Phenol-d6	6.57	99	450475	35.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1095862	115.73	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	374327	138.57	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1792002	90.98	ng	0.00
78) Terphenyl-d14	13.09	244	1824086	87.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.73	77	24643	2.922	ng	# 80
19) n-Nitroso-di-n-propylamine	7.53	70	145037	17.632	ng	# 75
25) Isophorone	7.53	82	1095834	49.992	ng	# 64
47) 2-Nitroaniline	9.32	65	3181	7.316	ng	# 1
50) 2,6-Dinitrotoluene	10.00	165	40322	11.958	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	40322	12.189	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	743	8.500	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23034	3.862	ng	# 1

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

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Acq On : 16 Mar 2018 13:18
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Misc :
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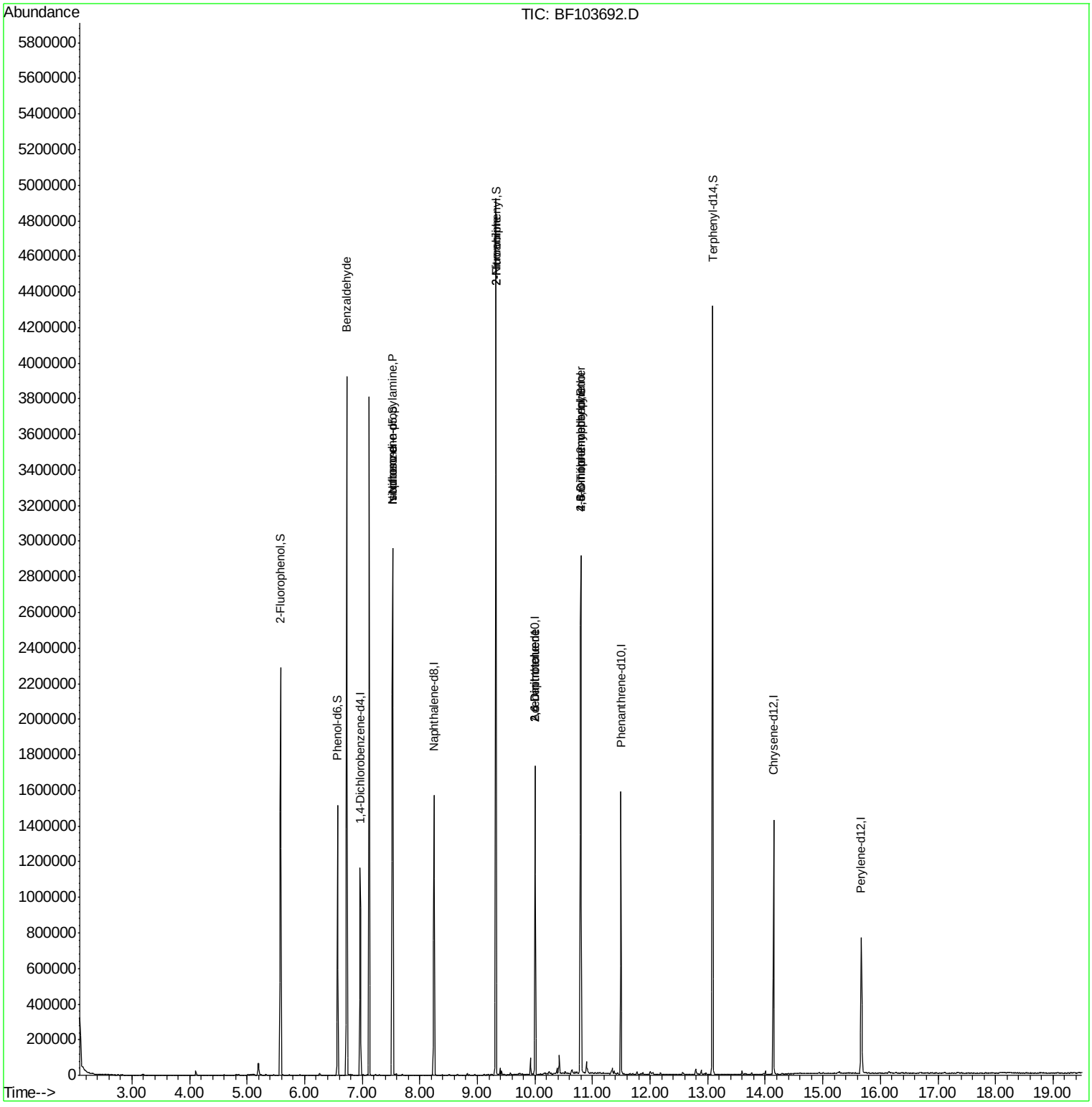
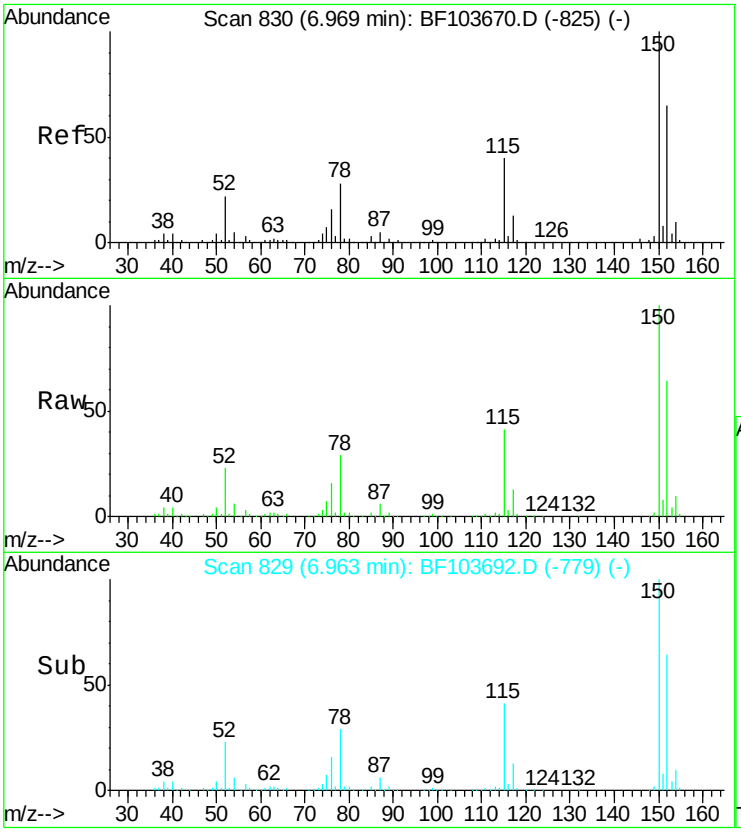


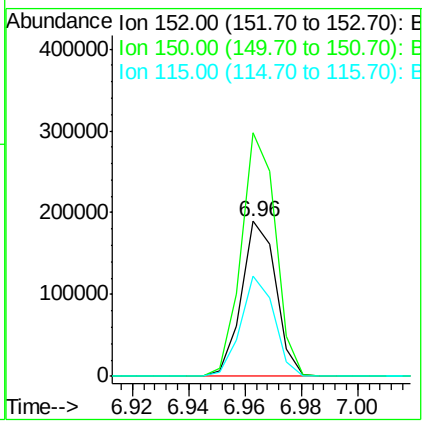


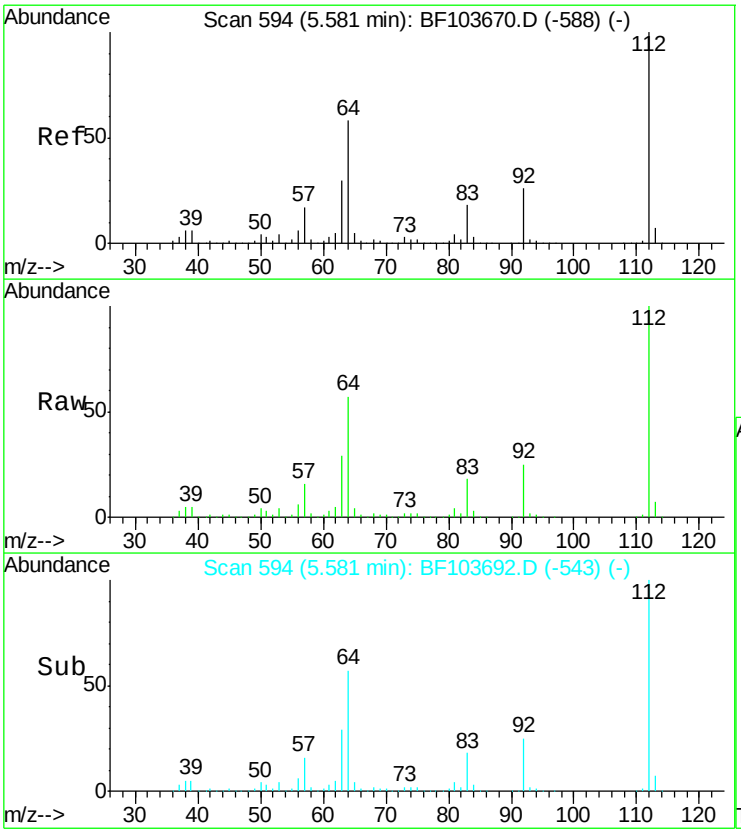
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159569

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	65.0	50.1	75.1

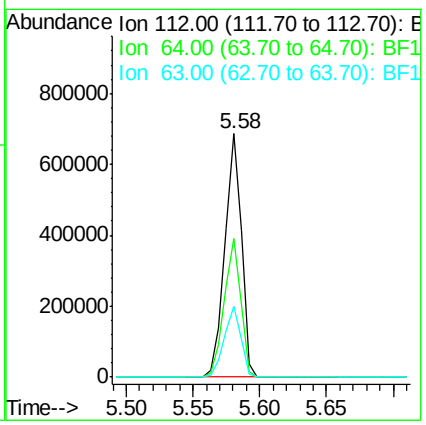


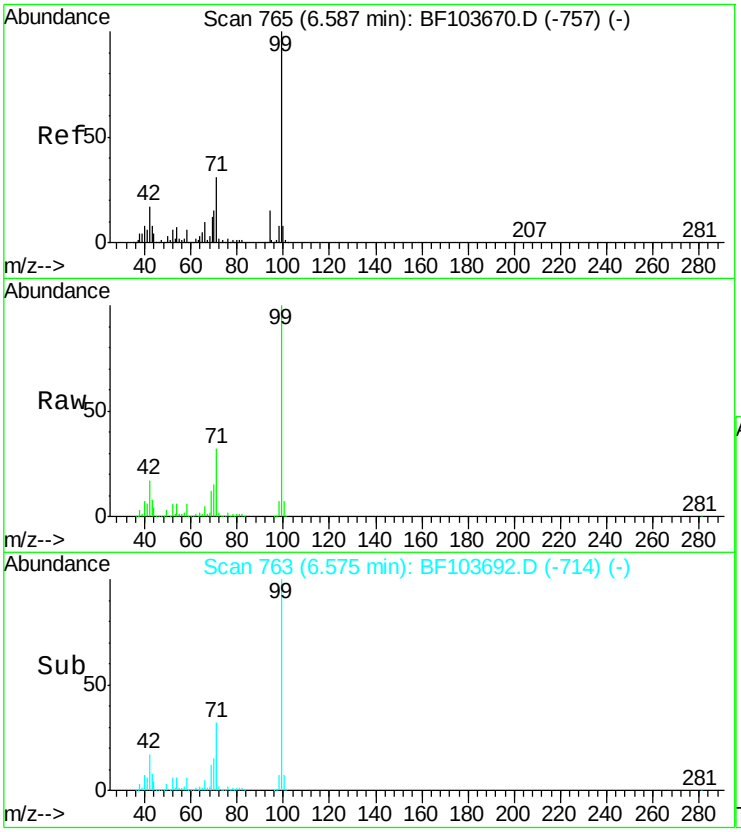


#5
2-Fluorophenol
Concen: 57.961 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:112 Resp: 608072

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.9	23.7	35.5



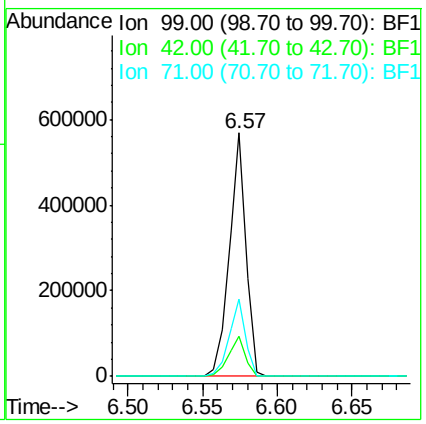


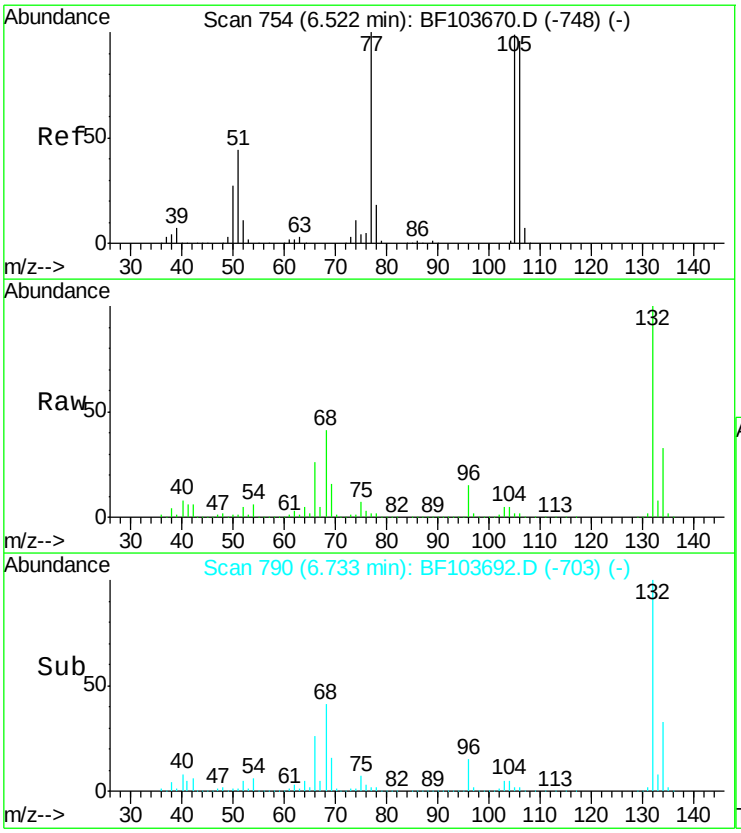
#7
Phenol-d6
Concen: 35.097 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 450475

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	31.9	25.4	38.0

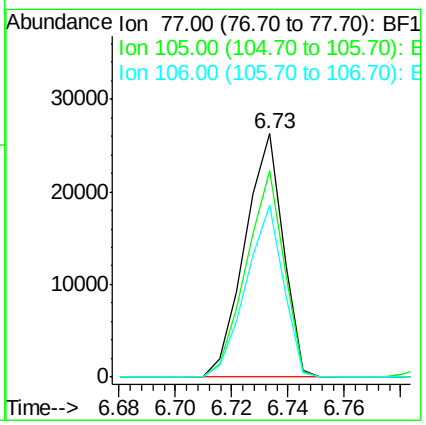


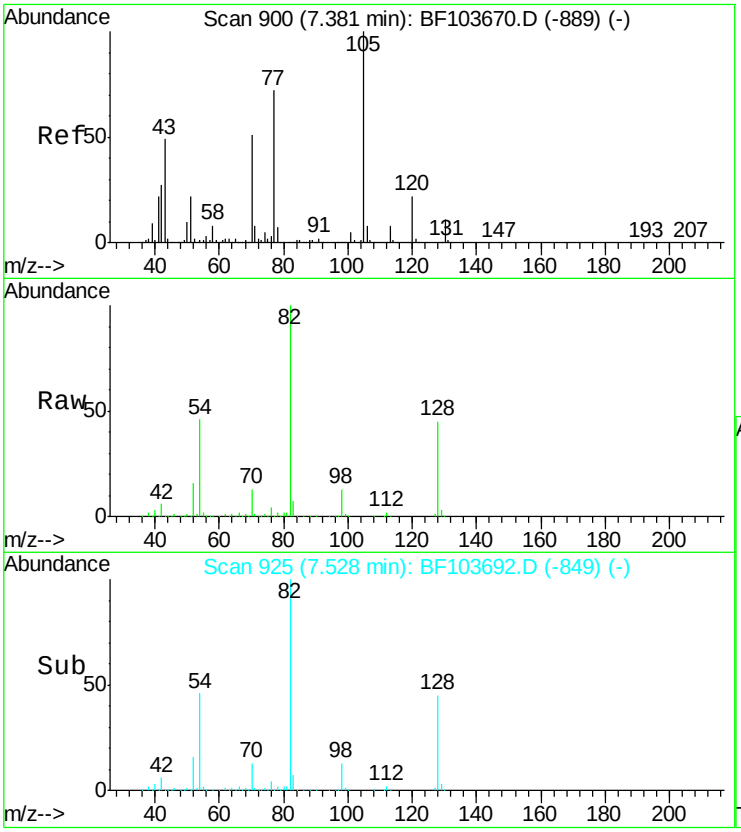


#9
Benzaldehyde
Concen: 2.922 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.21 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion: 77 Resp: 24643

Ion	Ratio	Lower	Upper
77	100		
105	84.6	81.1	121.1
106	70.8	74.5	114.5#



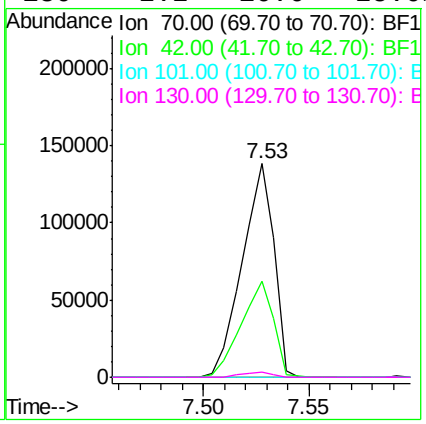


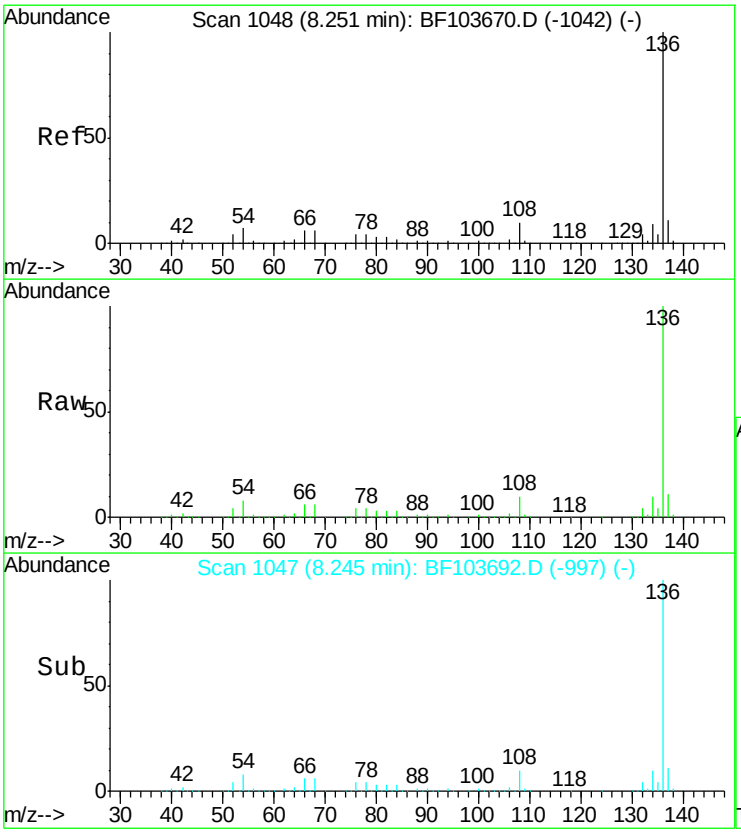
#19
n-Nitroso-di-n-propylamine
Concen: 17.632 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 145037

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

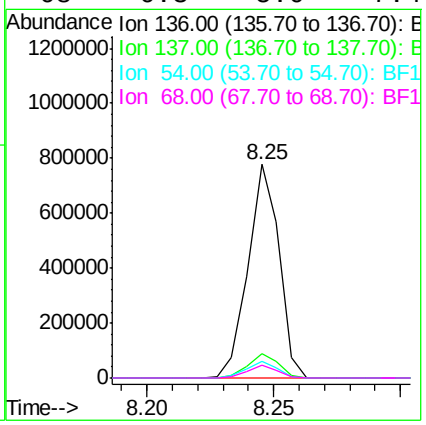


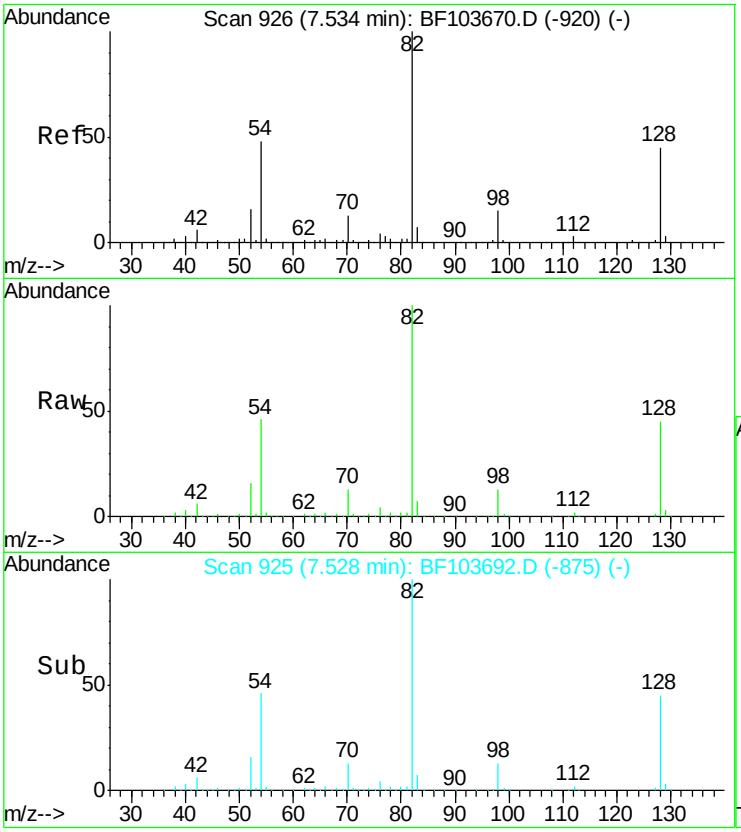


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:136 Resp: 660328

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.3	5.0	7.4



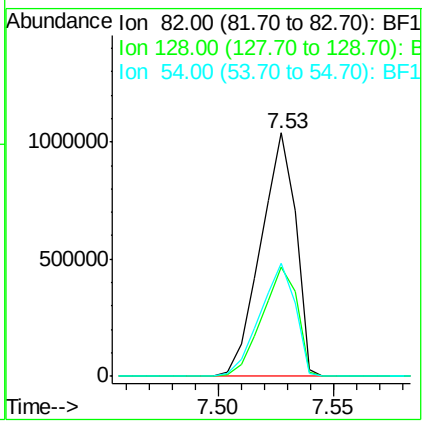


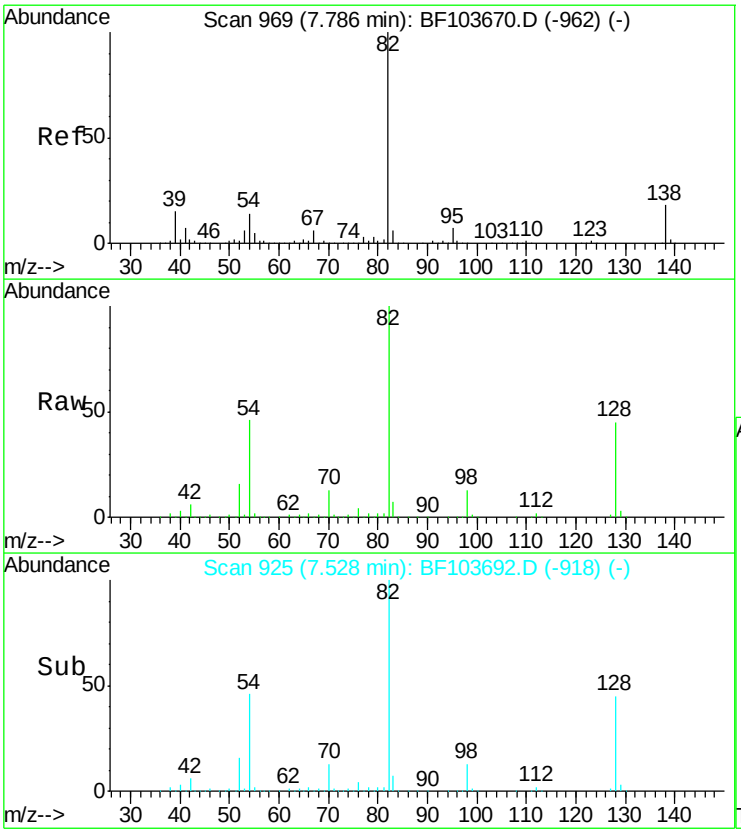
#23
Nitrobenzene-d5
Concen: 115.732 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1095862

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	46.4	41.4	62.2

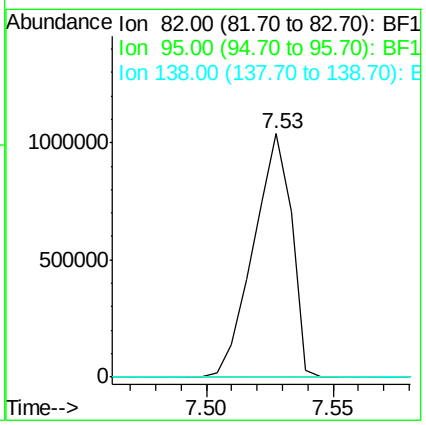


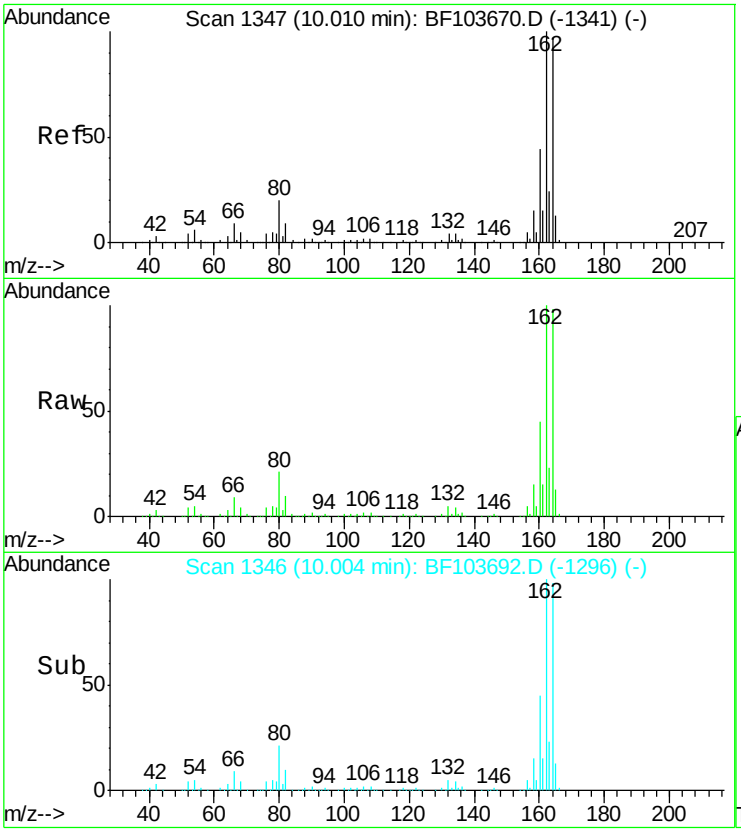


#25
Isophorone
Concen: 49.992 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion: 82 Resp: 1095834

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



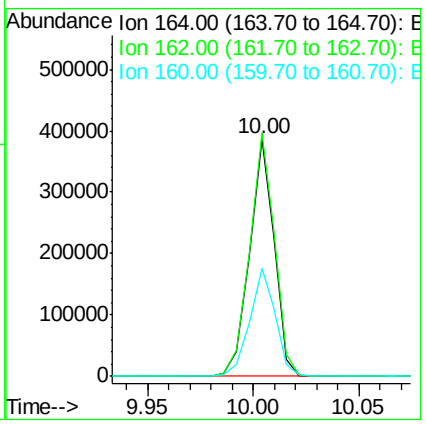


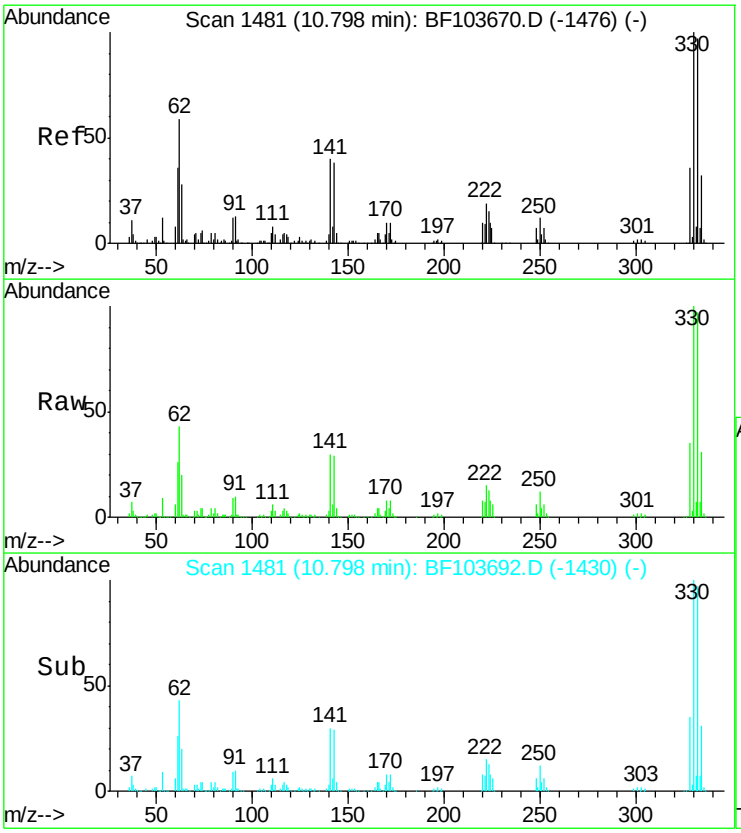
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 314190

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.6	38.3	57.5

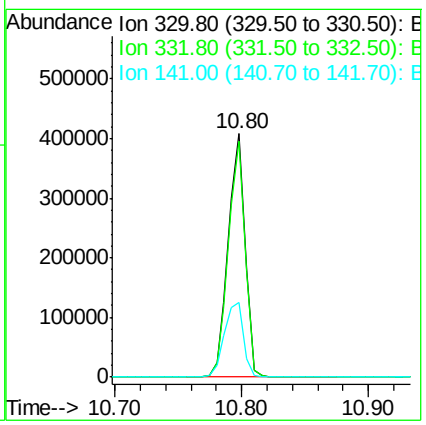


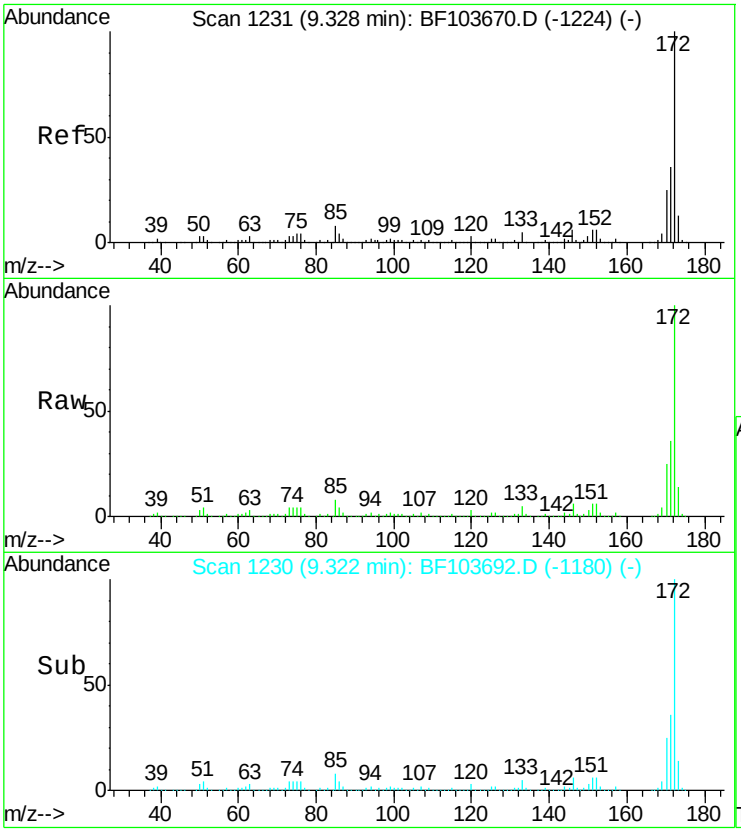


#41
2,4,6-Tribromophenol
Concen: 138.566 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:330 Resp: 374327

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	34.9	29.9	44.9



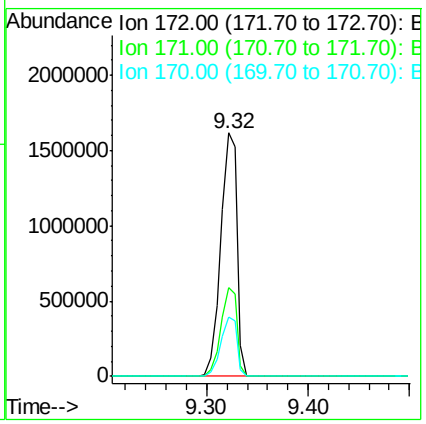


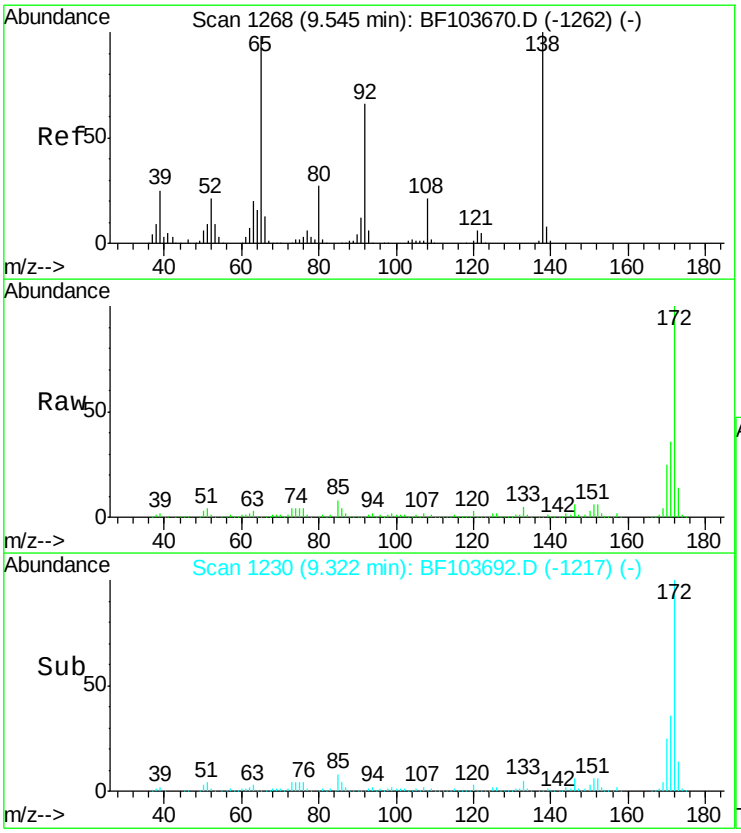
#44
2-Fluorobiphenyl
Concen: 90.980 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1792002

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

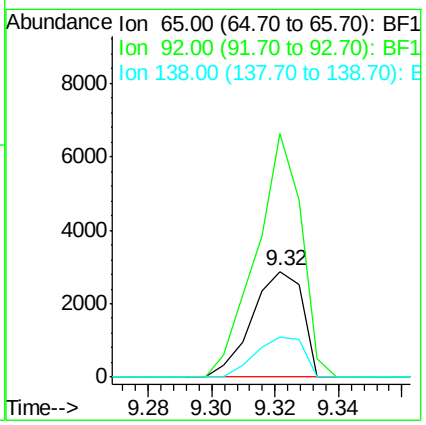


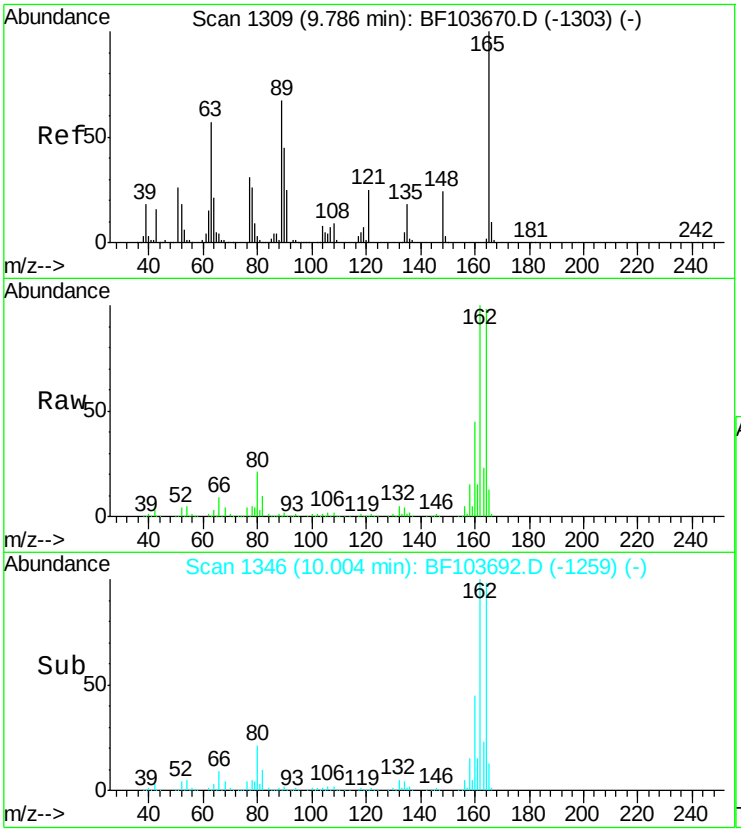


#47
2-Nitroaniline
Concen: 7.316 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.22 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion: 65 Resp: 3181

Ion	Ratio	Lower	Upper
65	100		
92	229.7	55.8	83.6#
138	38.2	91.2	136.8#



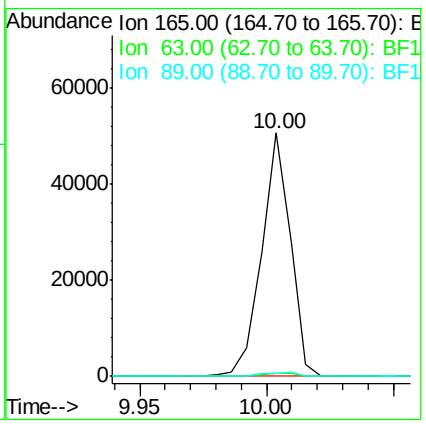


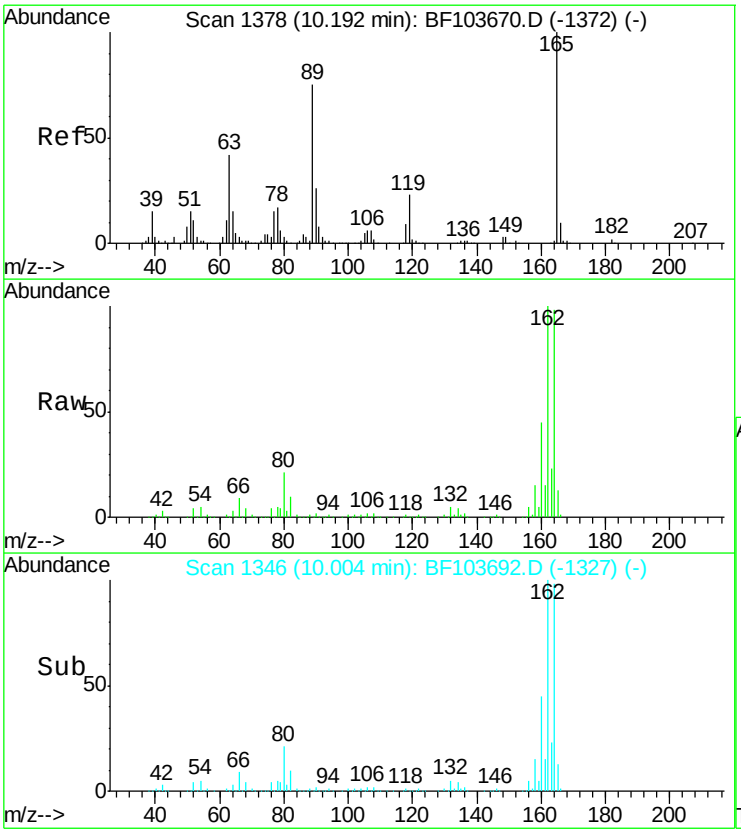
#50
2,6-Dinitrotoluene
Concen: 11.958 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40322

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#

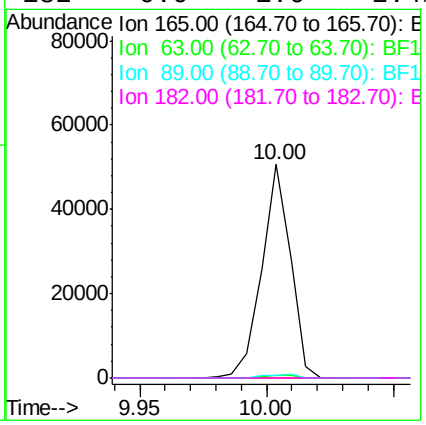


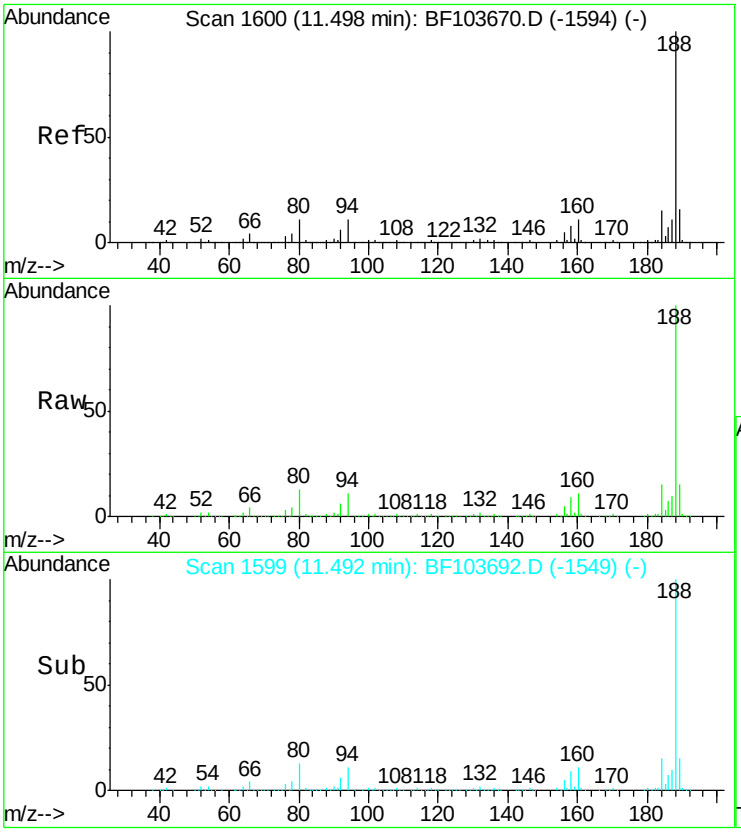


#56
2,4-Dinitrotoluene
Concen: 12.189 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:165 Resp: 40322

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



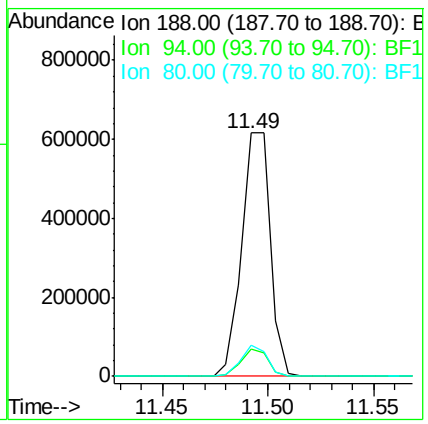


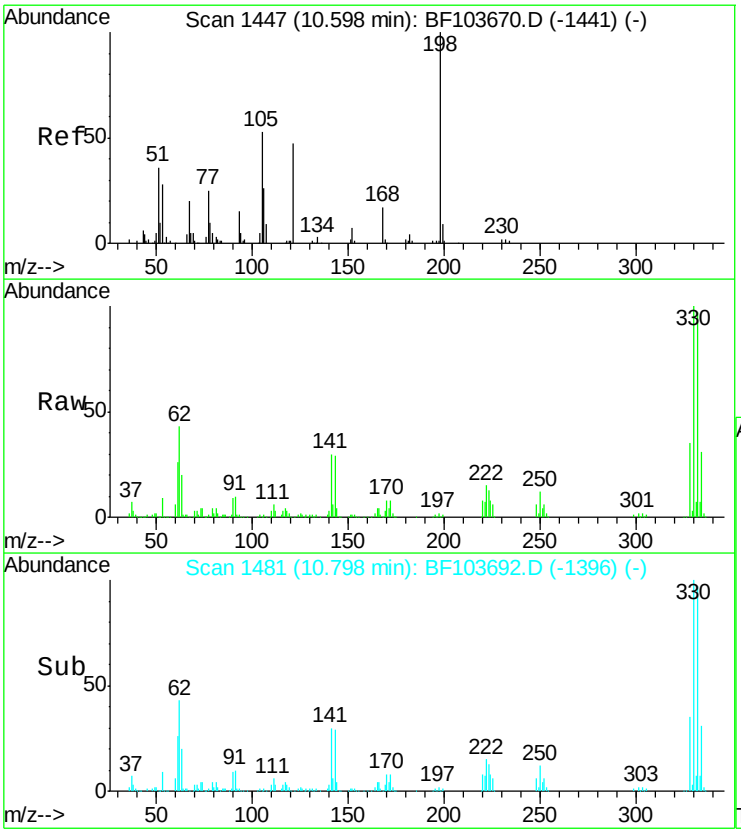
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 580837

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.6	9.2	13.8

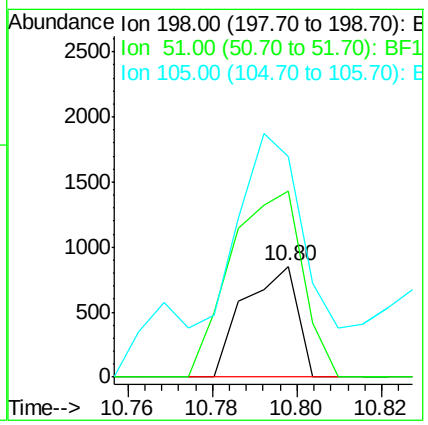


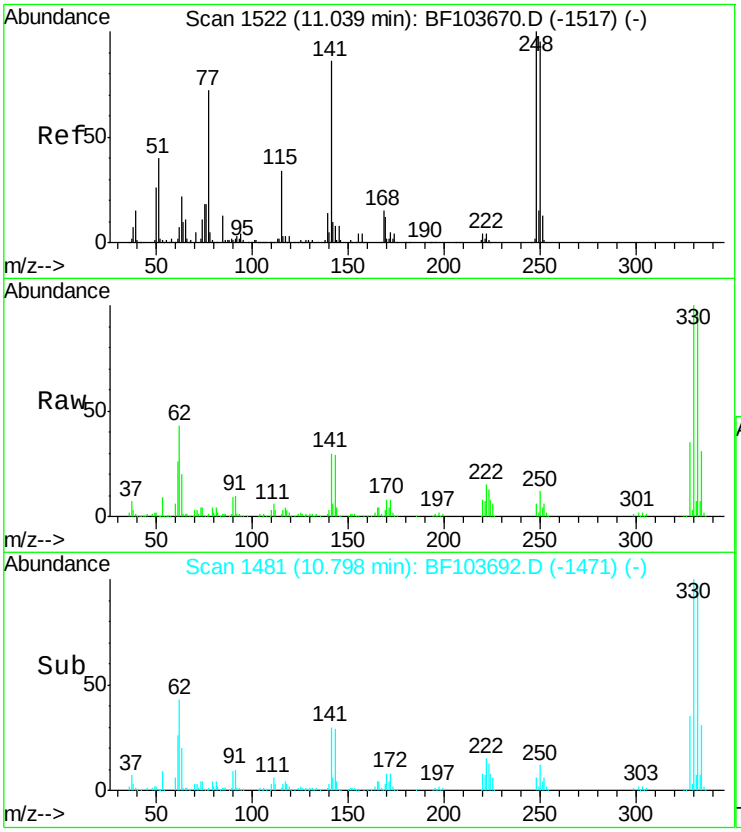


#64
4,6-Dinitro-2-methylphenol
Concen: 8.500 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:198 Resp: 743

Ion	Ratio	Lower	Upper
198	100		
51	167.3	37.7	77.7#
105	199.1	36.3	76.3#



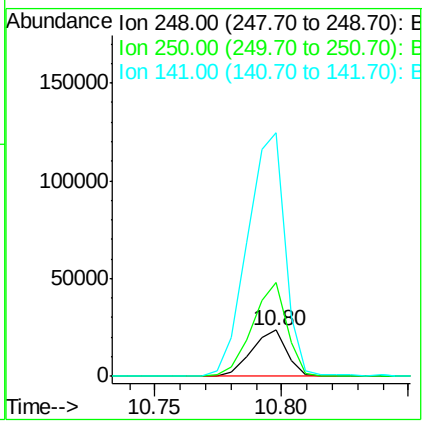


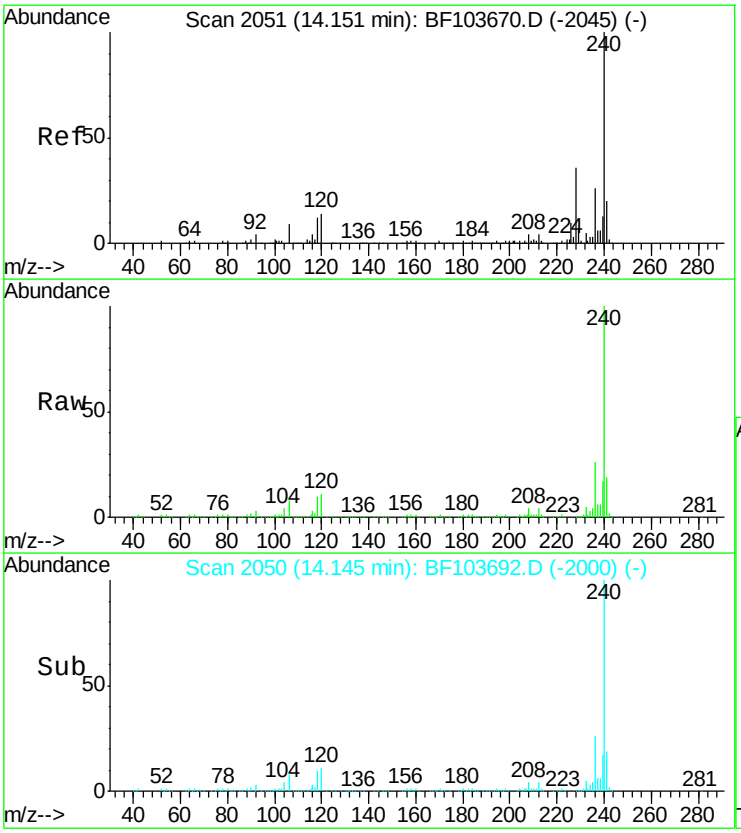
#66
4-Bromophenyl-phenylether
Concen: 3.862 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 23034

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.9	115.3#
141	525.4	74.4	111.6#

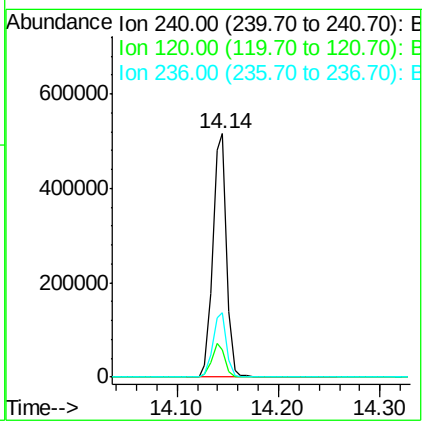


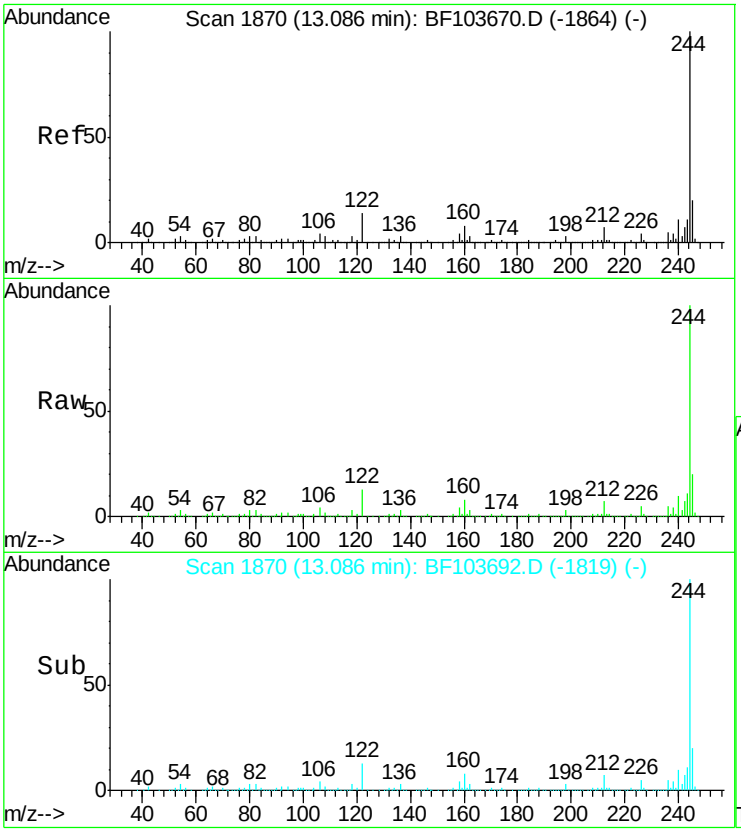


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:240 Resp: 482693

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.3	20.7	31.1



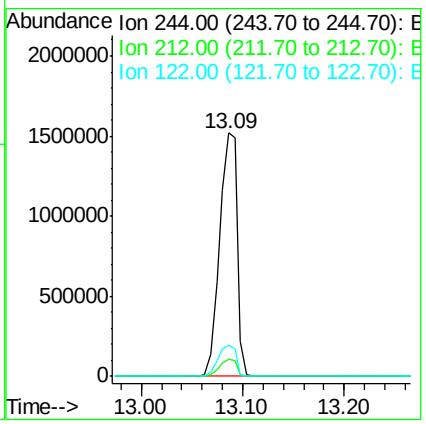


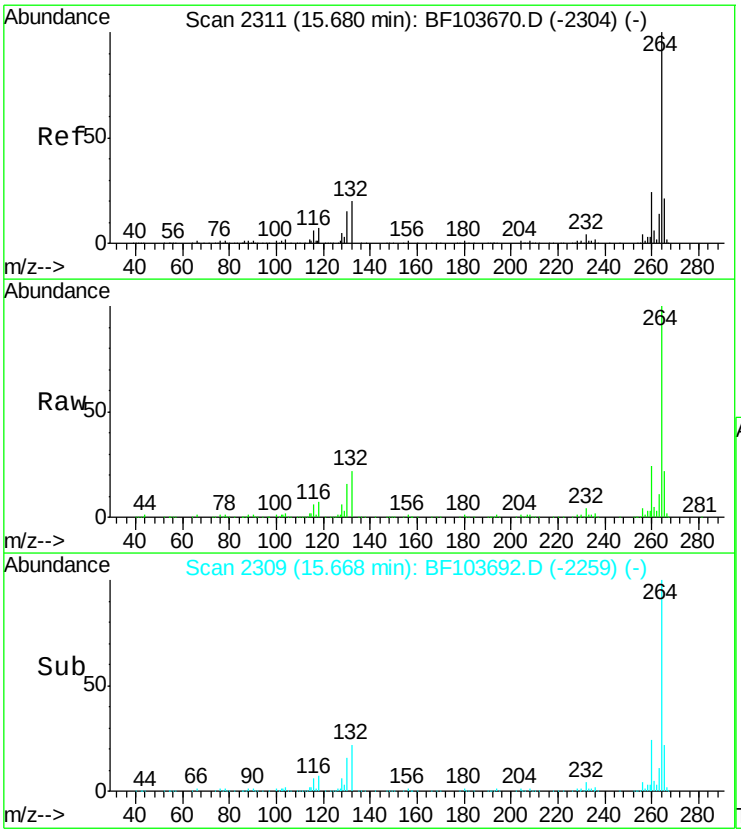
#78
Terphenyl-d14
Concen: 87.716 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1824086

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF103692.D
Acq: 16 Mar 2018 13:18

Tgt Ion:264 Resp: 361245

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3