Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103871.D
Acq On : 23 Mar 2018 11:15
Operator : JU/SJ
Sample : J1993-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 13:28:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157160	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	634570	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	302543	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	567814	20.00	ng		0.00
75) Chrysene-d12	14.17	240	529333	20.00	ng		0.00
86) Perylene-d12	15.74	264	477015	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	640896	62.03	ng		0.00
7) Phenol-d6	6.59	99	494947	39.15	ng		0.00
23) Nitrobenzene-d5	7.54	82	1042814	114.60	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	448477	172.41	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1742393	91.87	ng		0.00
78) Terphenyl-d14	13.10	244	1853977	81.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	22594	2.721	ng		87
19) n-Nitroso-di-n-propylamine	7.54	70	136284	16.822	ng	#	73
25) Isophorone	7.54	82	1042804	49.504	ng	#	64
26) 2-Nitrophenol	7.79	139	227	9.491	ng	#	7
32) Benzoic acid	8.19	122	308	9.944	ng	#	69
47) 2-Nitroaniline	9.55	65	219	6.850	ng	#	2
49) Dimethylphthalate	9.72	163	83070	3.599	ng		100
50) 2,6-Dinitrotoluene	10.02	165	40194	12.238	ng	#	26
52) 3-Nitroaniline	9.97	138	118	3.835	ng	#	2
53) 2,4-Dinitrophenol	10.28	184	368	6.923	ng	#	1
55) 4-Nitrophenol	10.13	139	922	5.174	ng	#	1
56) 2,4-Dinitrotoluene	10.02	165	40187	12.398	ng	#	23
61) 4-Nitroaniline	10.57	138	575	3.852	ng	#	17
64) 4,6-Dinitro-2-methylphenol	10.81	198	913	8.598	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	27317	4.686	ng	#	1

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

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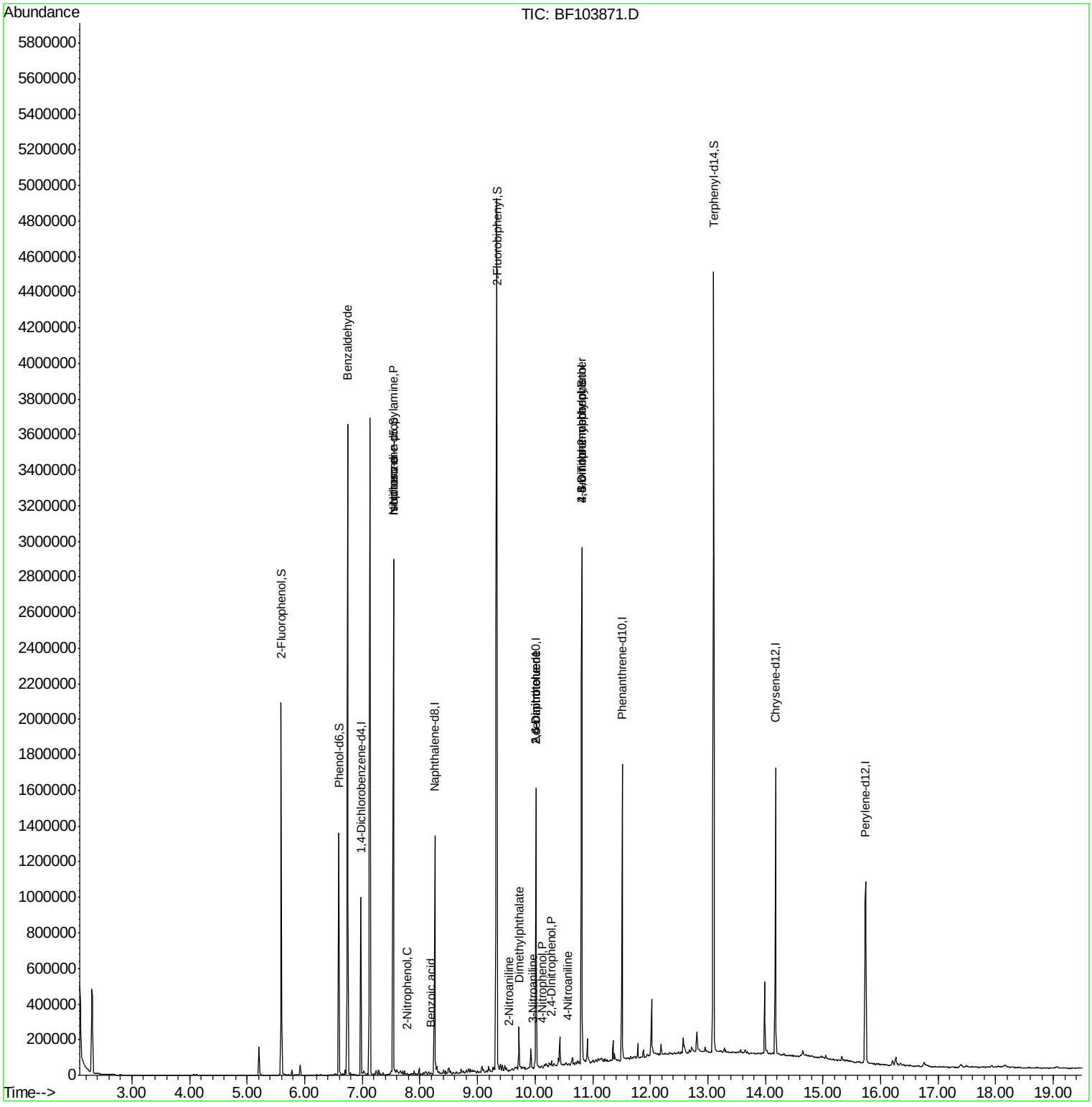
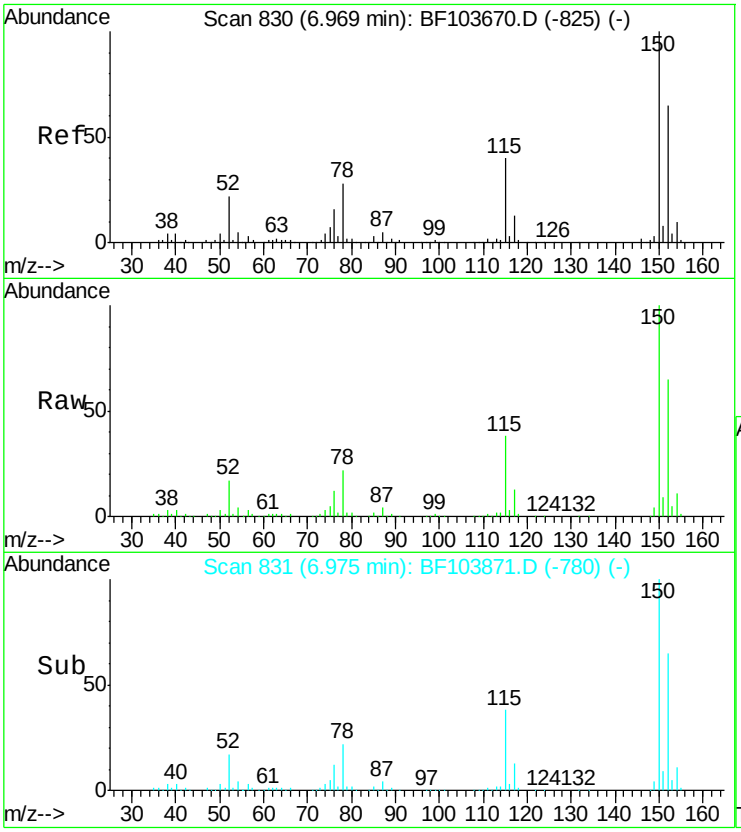


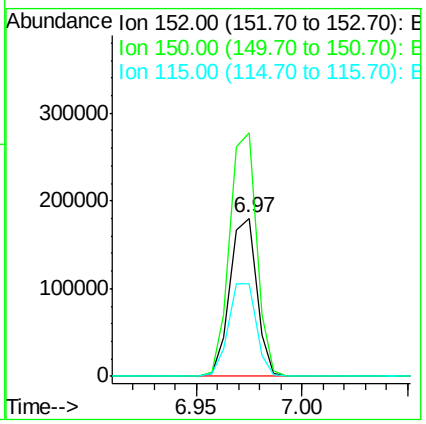


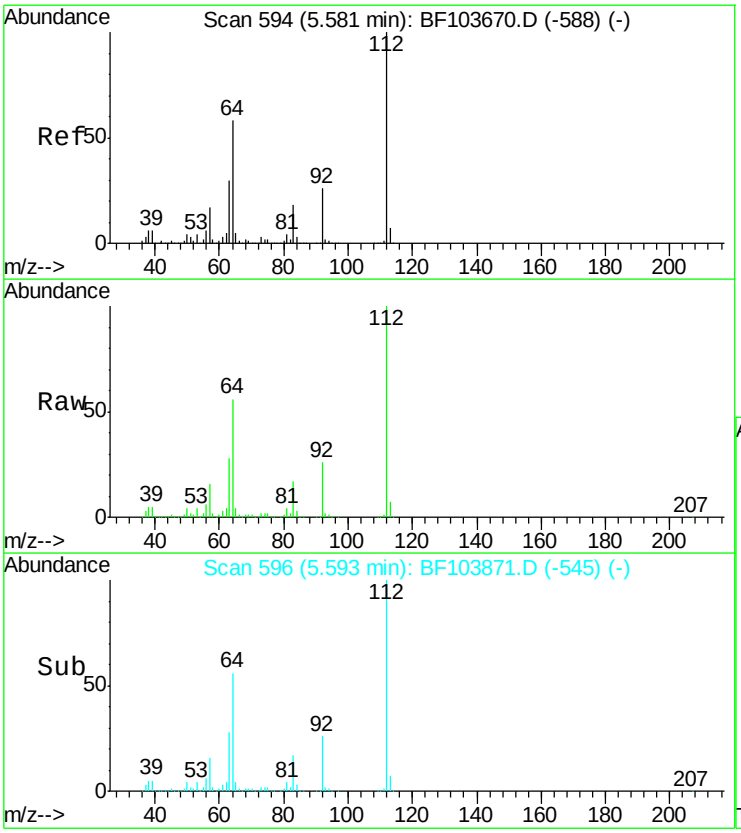
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 157160

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	58.3	50.1	75.1

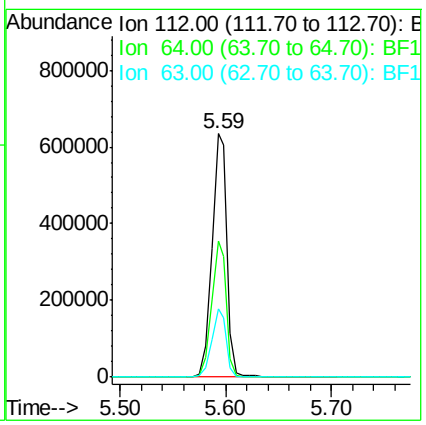


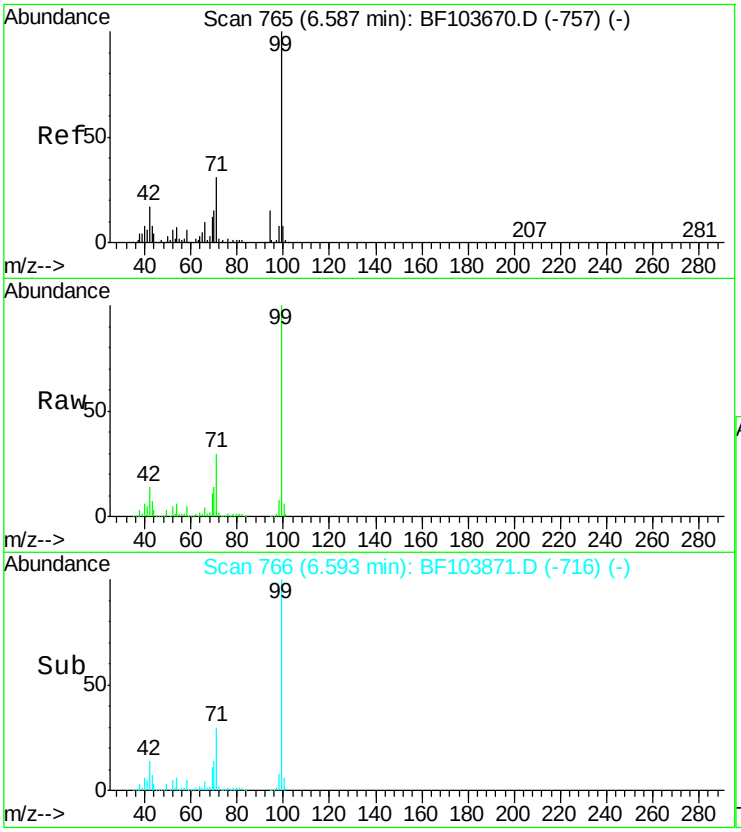


#5
2-Fluorophenol
Concen: 62.026 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:112 Resp: 640896

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	28.3	23.7	35.5



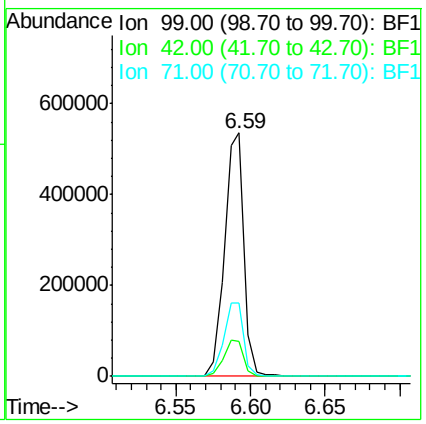


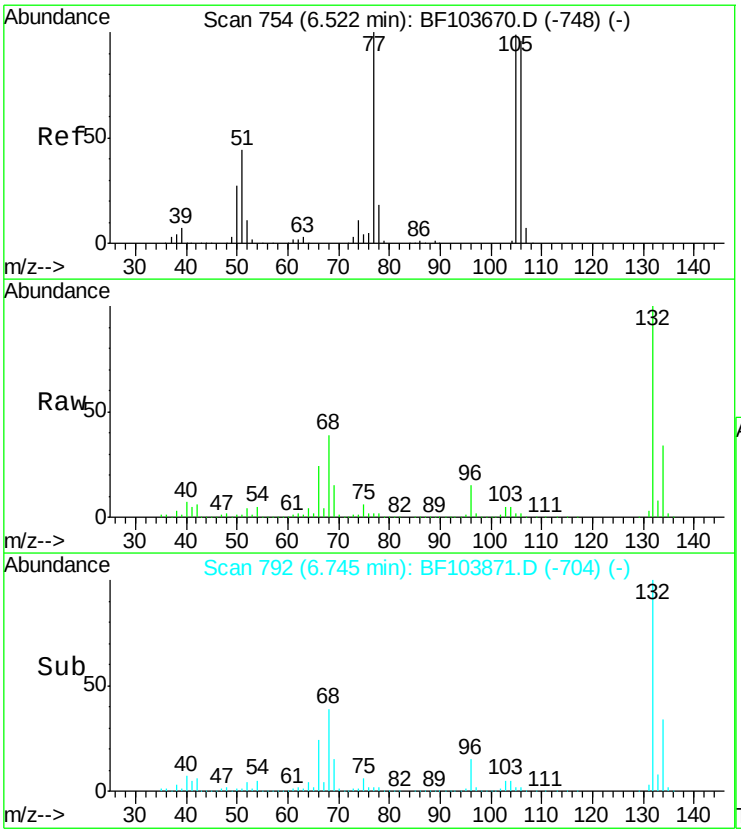
#7
Phenol-d6
Concen: 39.153 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 494947

Ion	Ratio	Lower	Upper
99	100		
42	14.3	14.5	21.7#
71	30.0	25.4	38.0

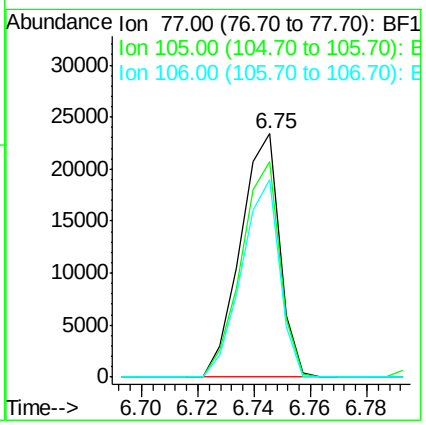


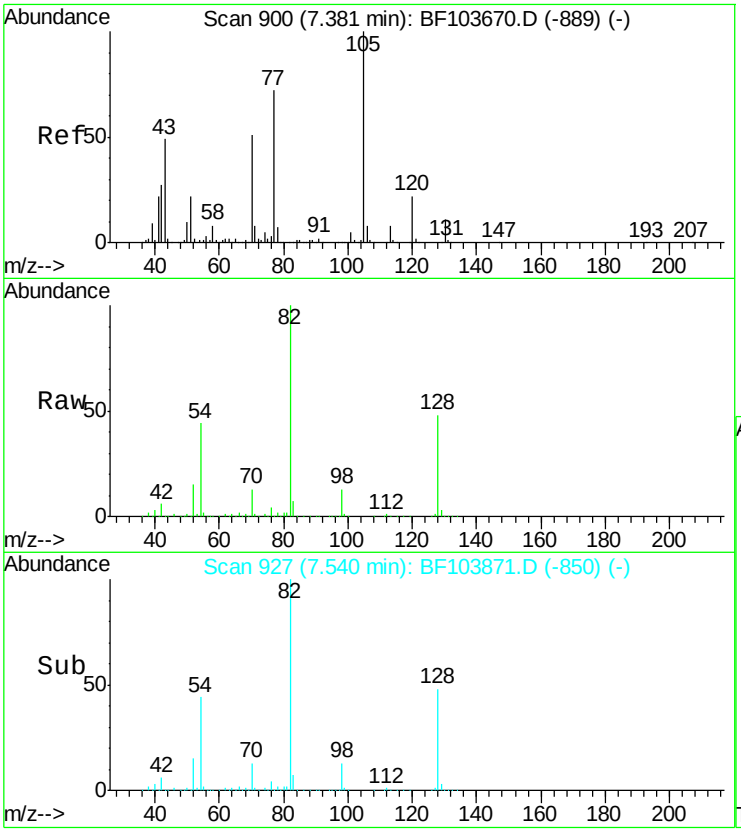


#9
Benzaldehyde
Concen: 2.721 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.22 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion: 77 Resp: 22594

Ion	Ratio	Lower	Upper
77	100		
105	88.3	81.1	121.1
106	81.3	74.5	114.5



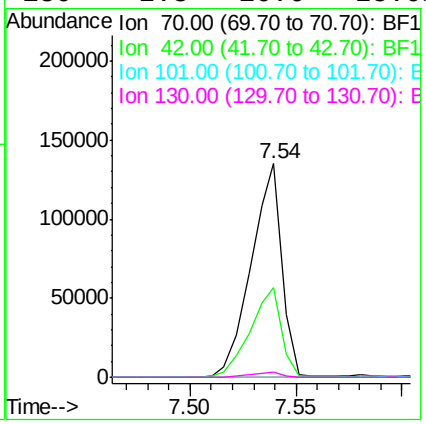


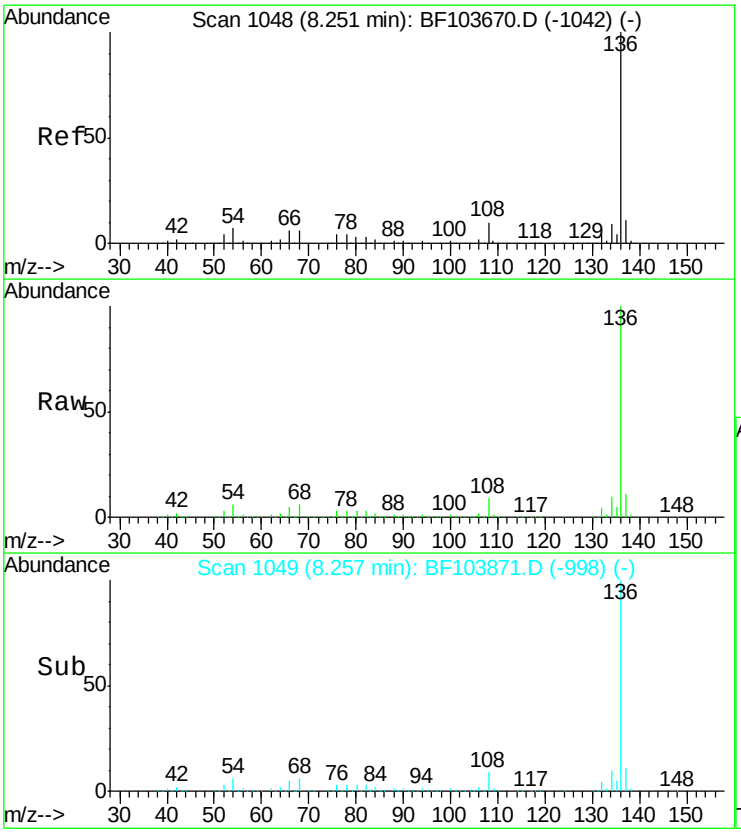
#19
n-Nitroso-di-n-propylamine
Concen: 16.822 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 136284

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

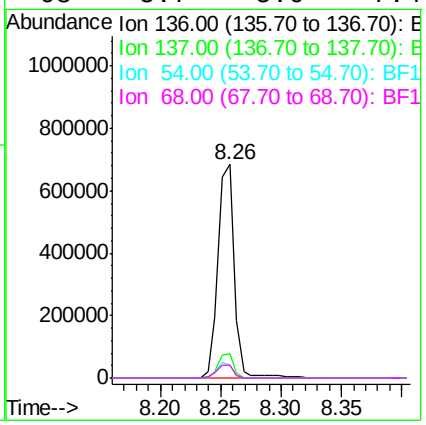


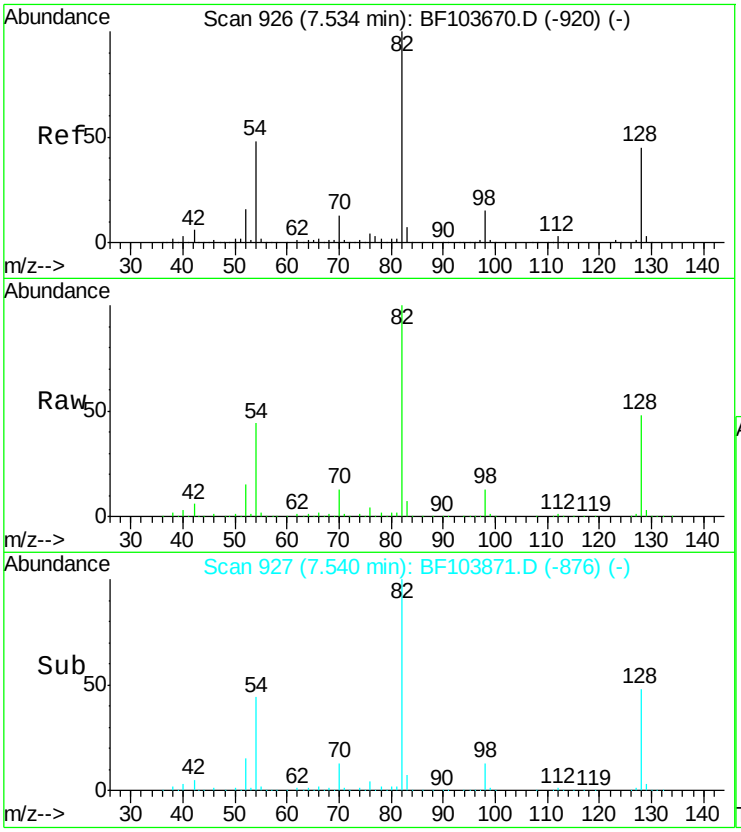


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:136 Resp: 634570

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.7	5.0	7.4



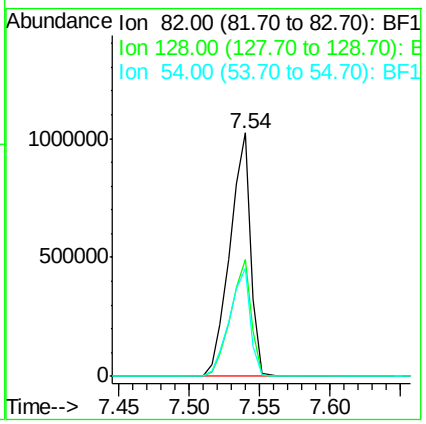


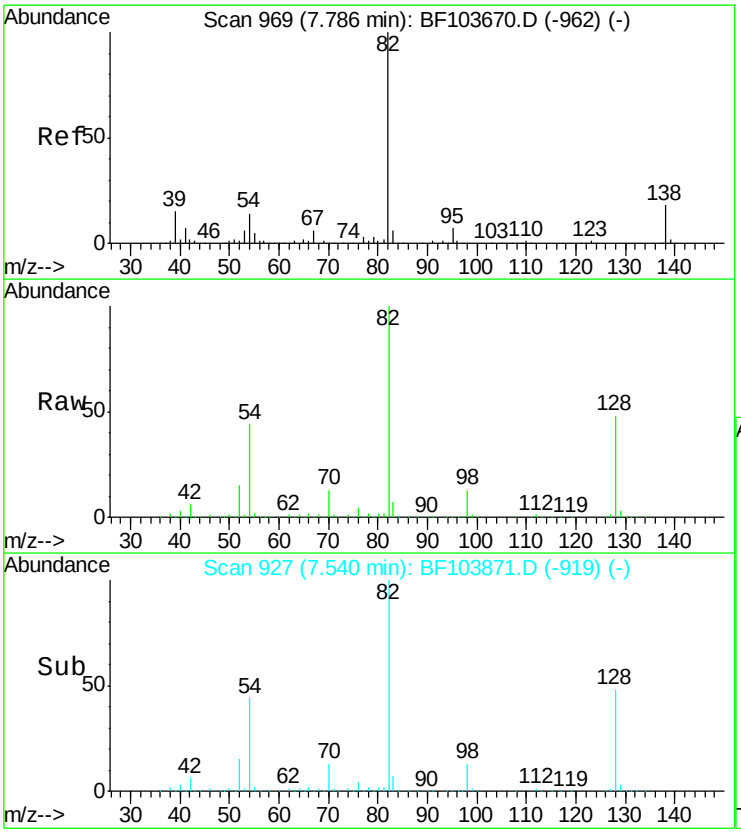
#23
Nitrobenzene-d5
Concen: 114.600 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1042814

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	44.2	41.4	62.2

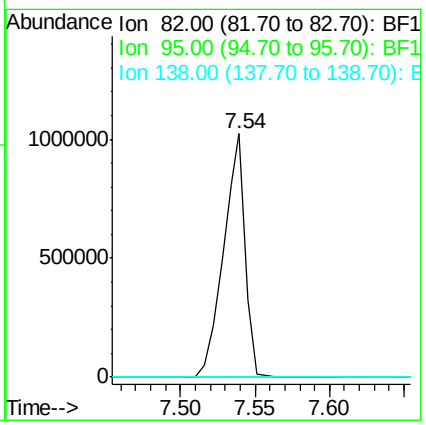


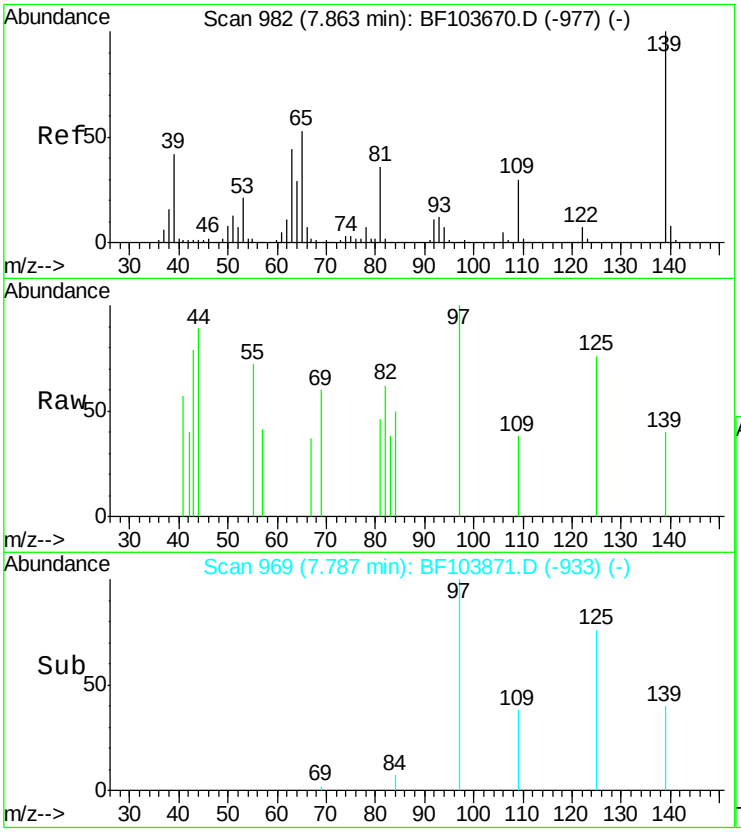


#25
Isophorone
Concen: 49.504 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion: 82 Resp: 1042804

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



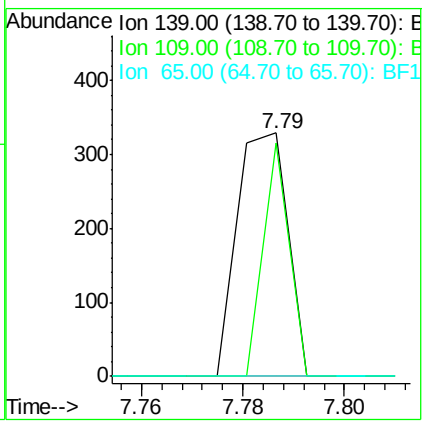


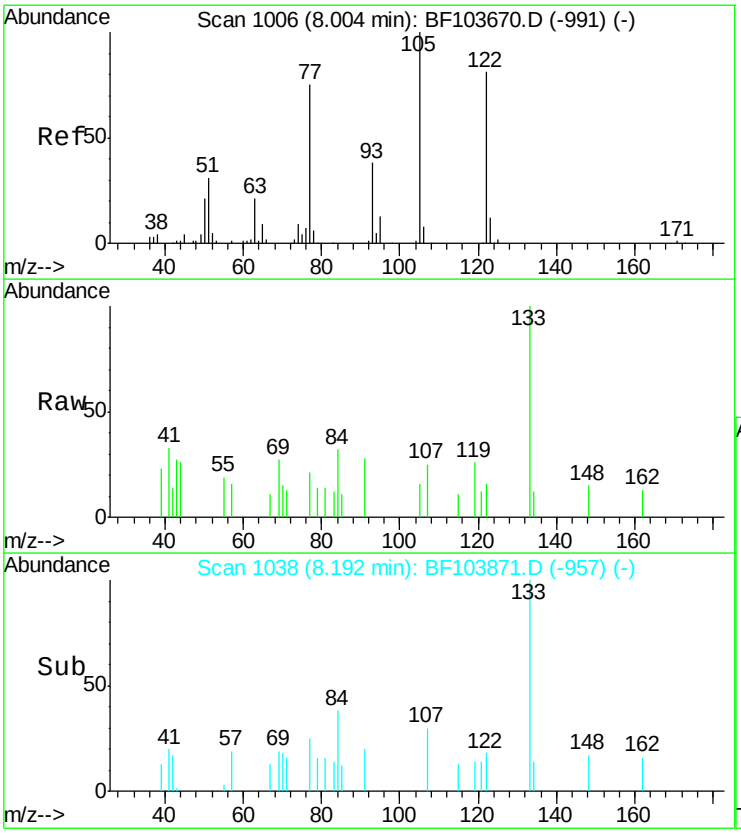
#26
2-Nitrophenol
Concen: 9.491 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.09 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 227

Ion	Ratio	Lower	Upper
139	100		
109	96.0	22.7	34.1#
65	0.0	40.5	60.7#

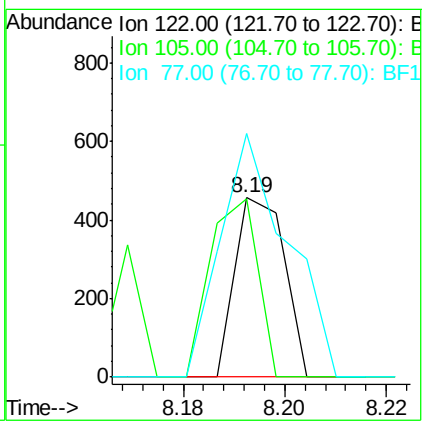


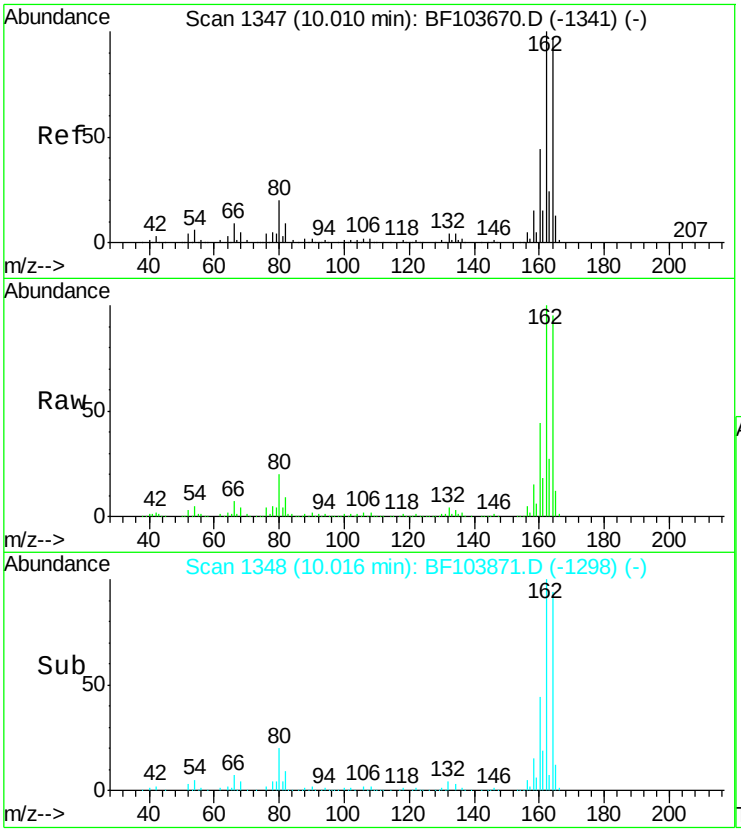


#32
Benzoic acid
Concen: 9.944 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.18 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:122 Resp: 308

Ion	Ratio	Lower	Upper
122	100		
105	99.8	101.1	141.1#
77	136.0	70.7	110.7#



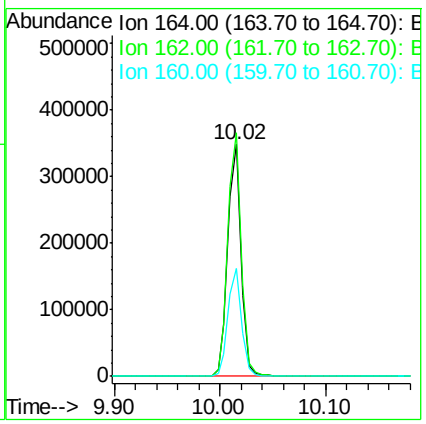


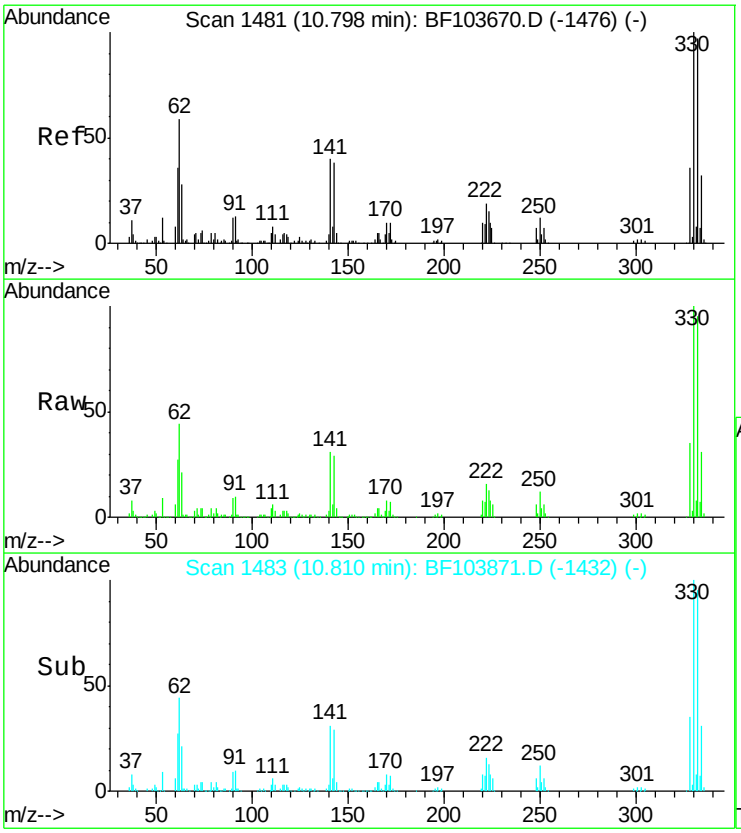
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 302543

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.3	38.3	57.5

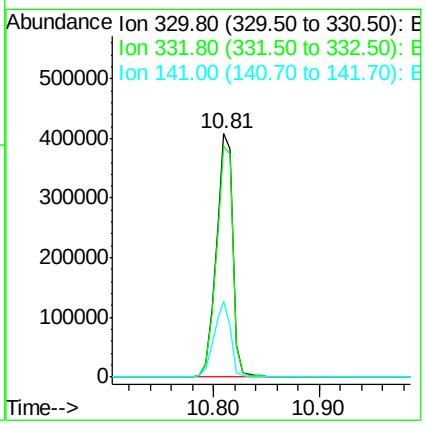


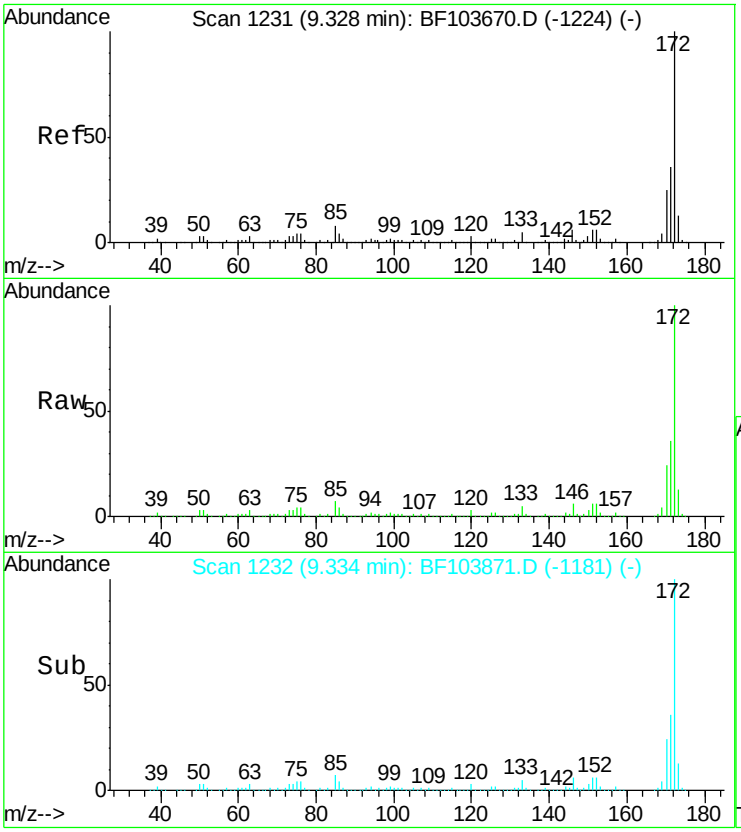


#41
2,4,6-Tribromophenol
Concen: 172.406 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:330 Resp: 448477

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.5	29.9	44.9



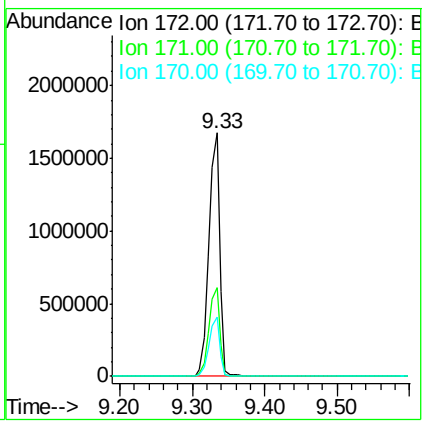


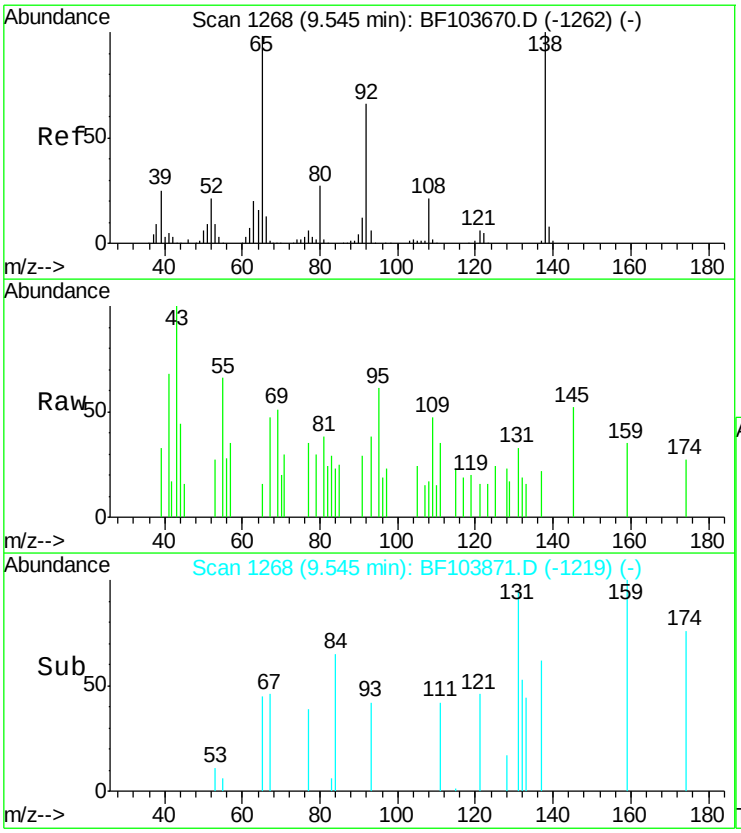
#44
2-Fluorobiphenyl
Concen: 91.867 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1742393

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4

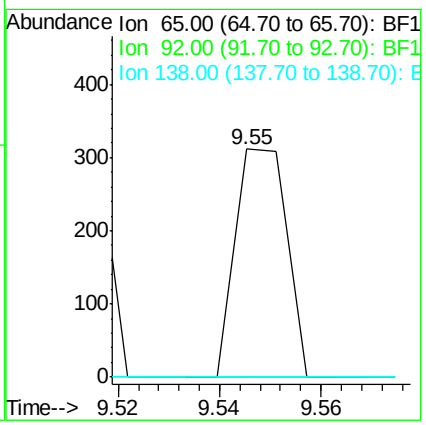


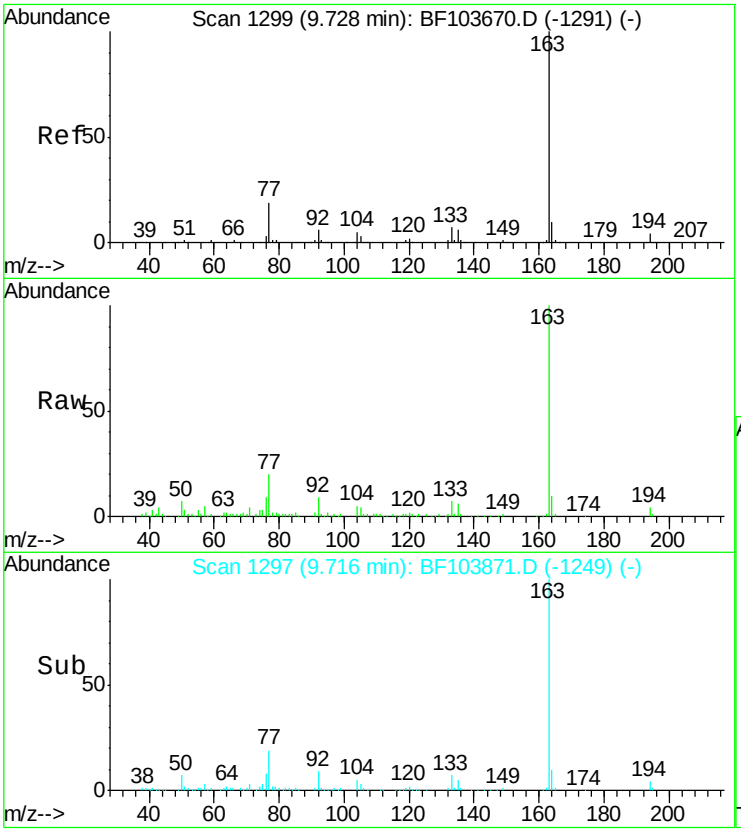


#47
2-Nitroaniline
Concen: 6.850 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion: 65 Resp: 219

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



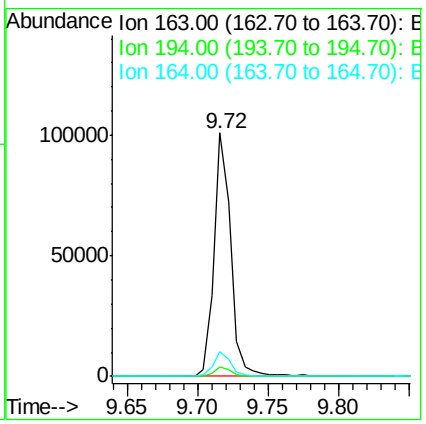


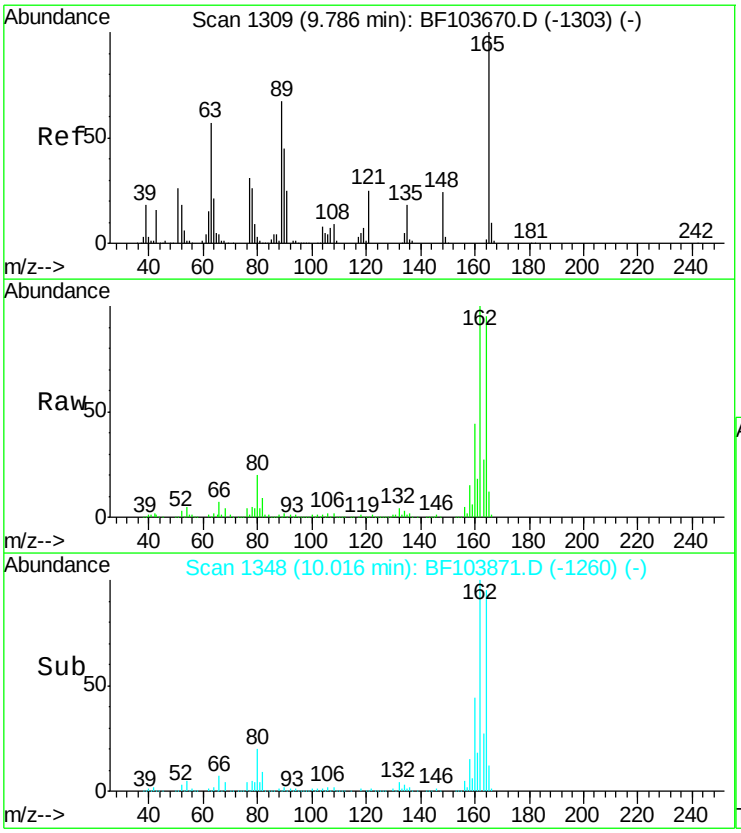
#49
Dimethylphthalate
Concen: 3.599 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 83070

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

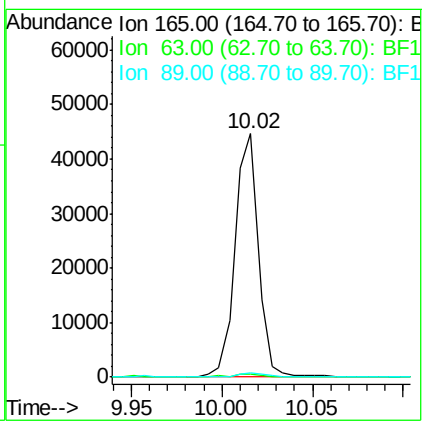


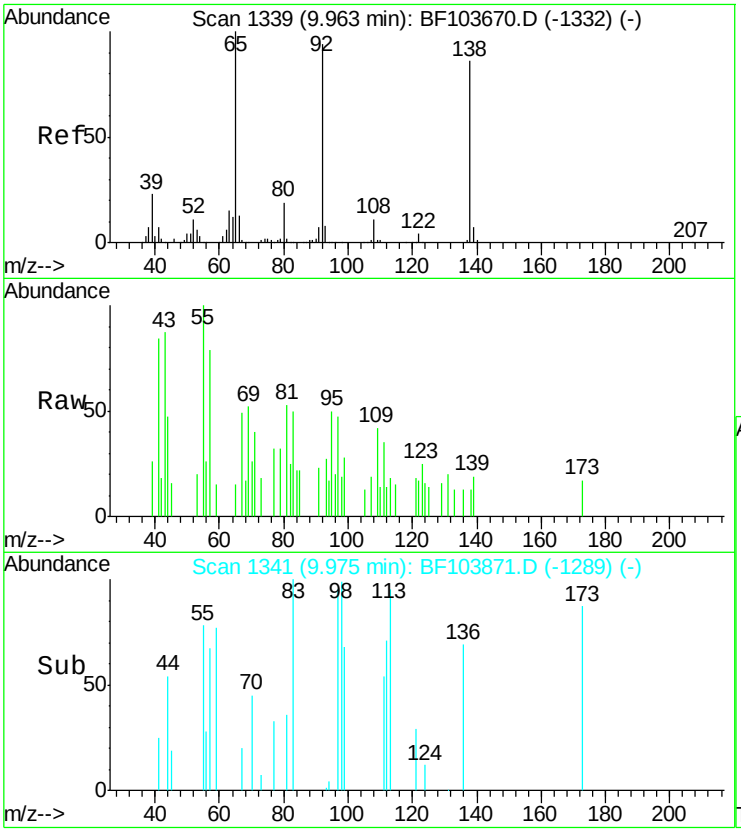


#50
2,6-Dinitrotoluene
Concen: 12.238 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:165 Resp: 40194

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.6	44.0	66.0#



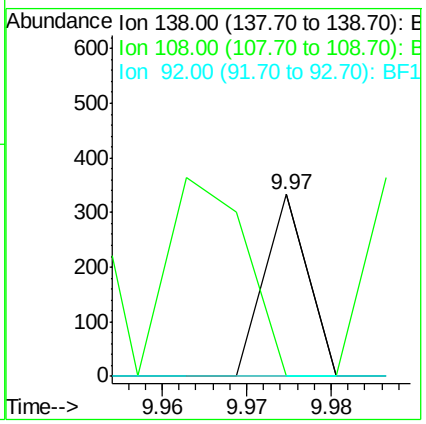


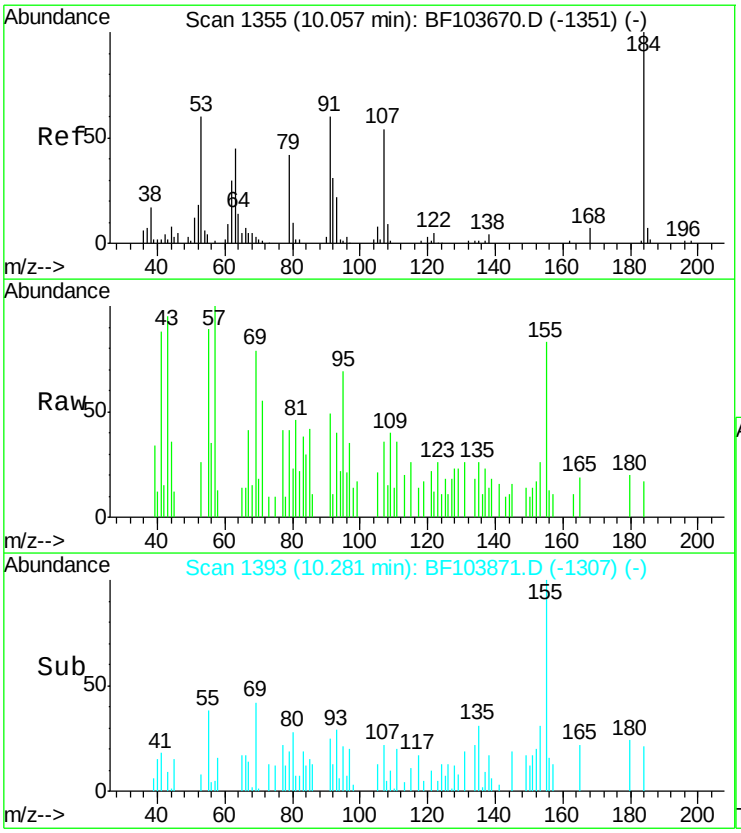
#52
3-Nitroaniline
Concen: 3.835 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 118

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

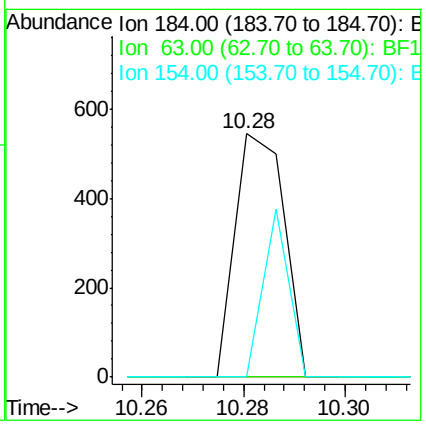


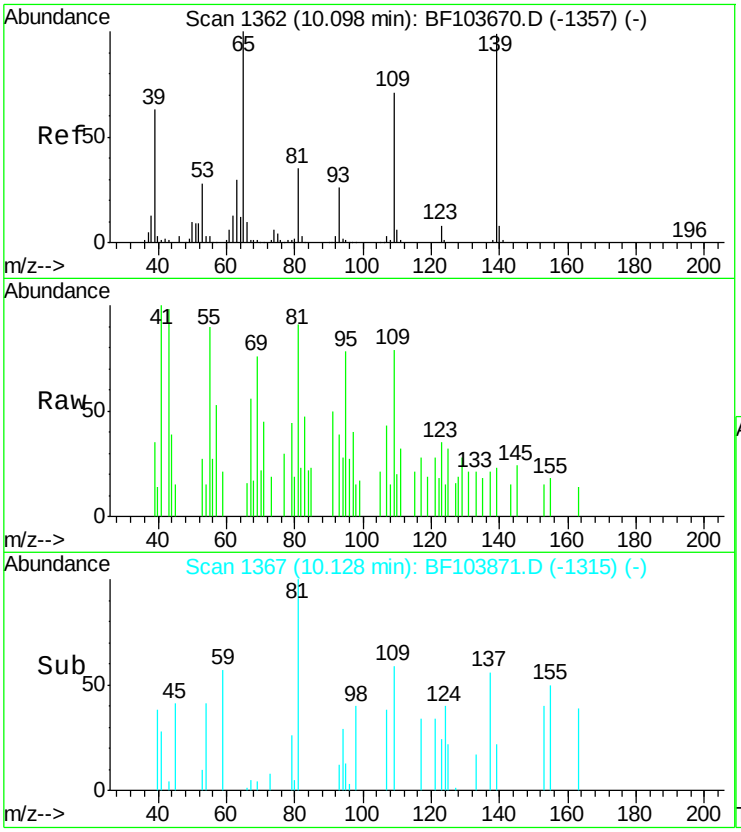


#53
2,4-Dinitrophenol
Concen: 6.923 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.21 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:184 Resp: 368

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



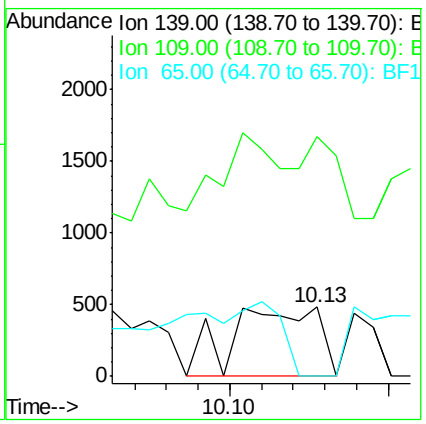


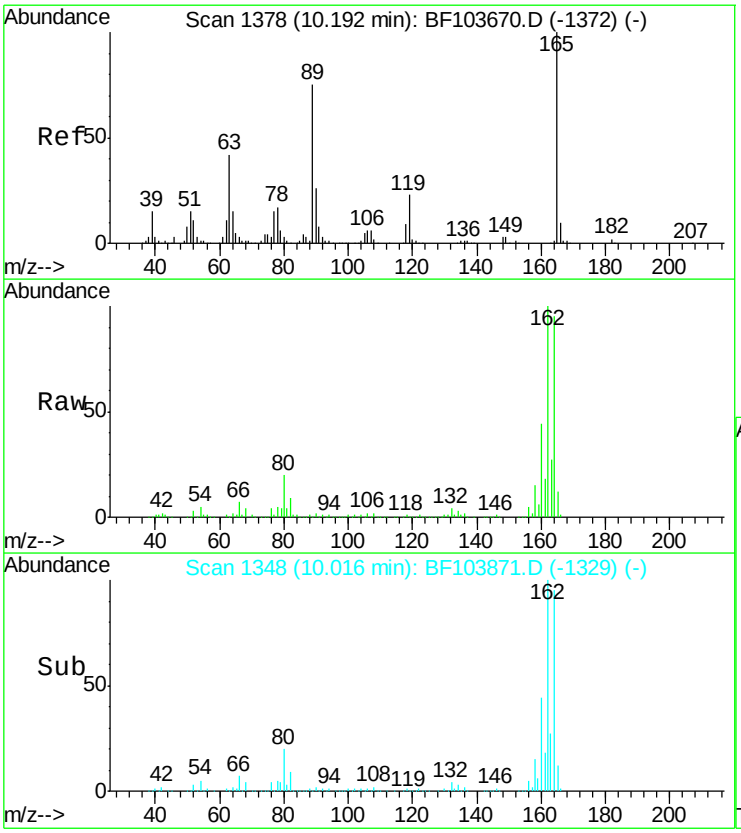
#55
4-Nitrophenol
Concen: 5.174 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 922

Ion	Ratio	Lower	Upper
139	100		
109	347.9	48.4	88.4#
65	0.0	72.6	112.6#

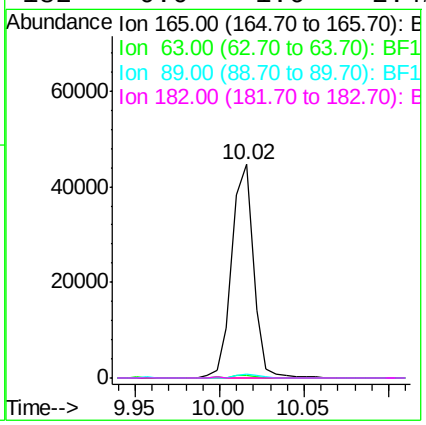


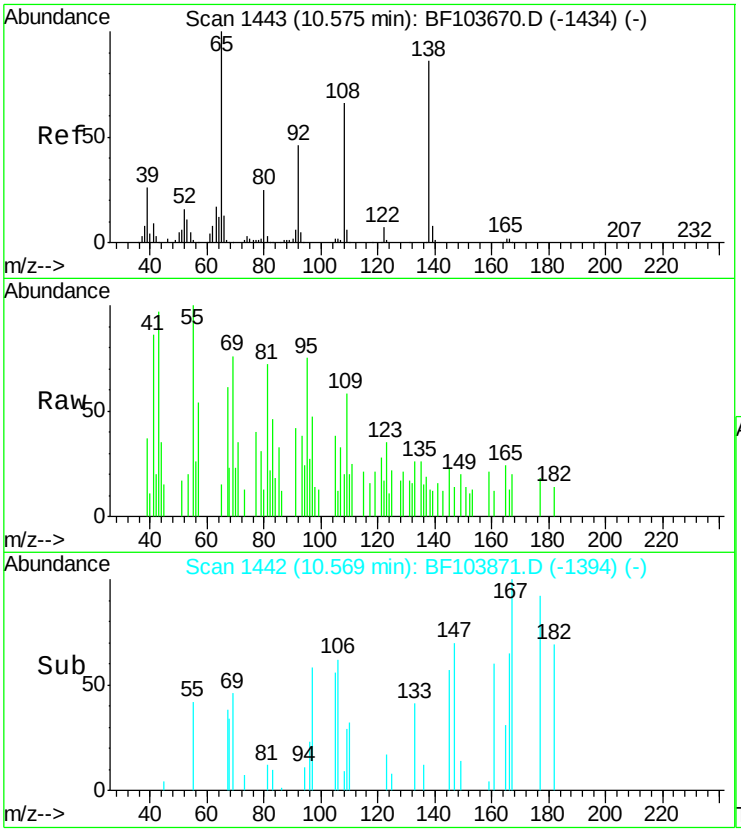


#56
2,4-Dinitrotoluene
Concen: 12.398 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:165 Resp: 40187

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



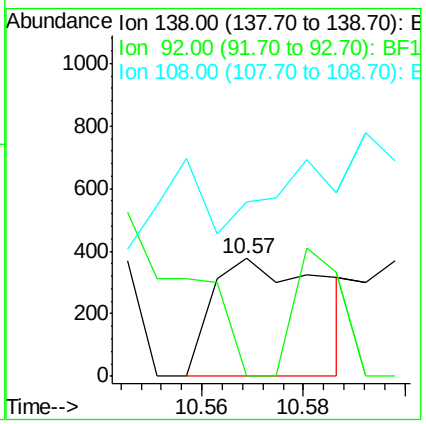


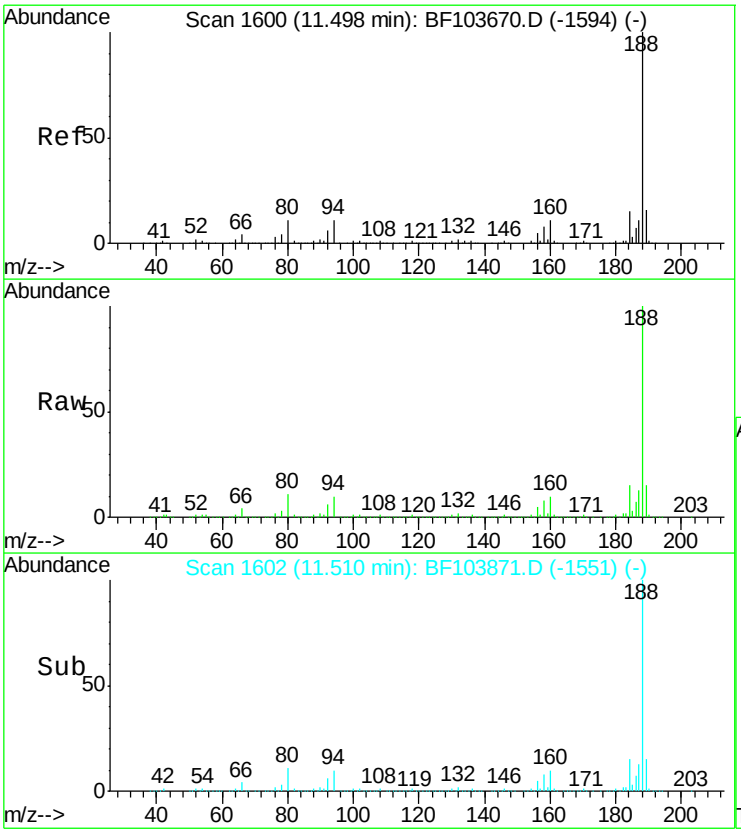
#61
4-Nitroaniline
Concen: 3.852 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 575

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	148.4	52.5	92.5#

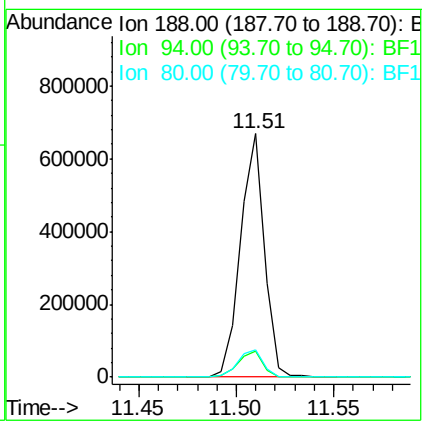


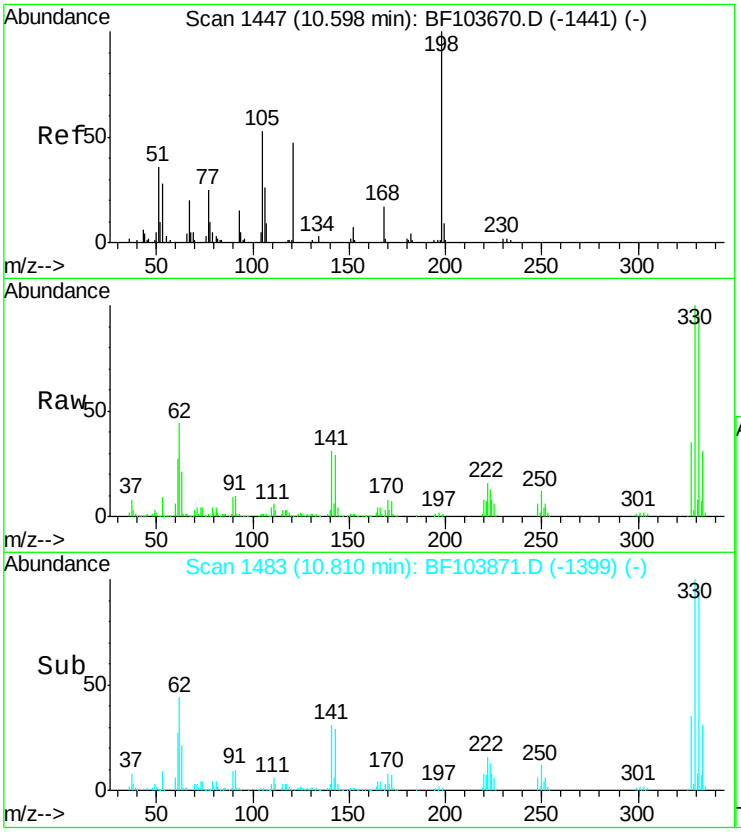


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:188 Resp: 567814

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.0	9.2	13.8



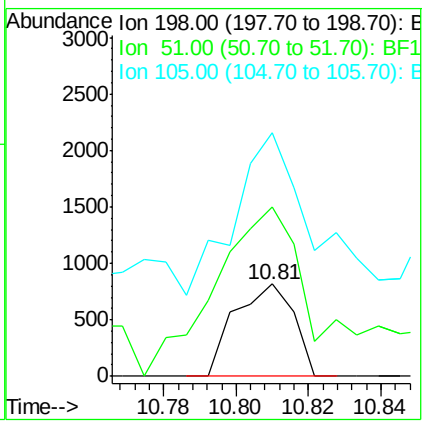


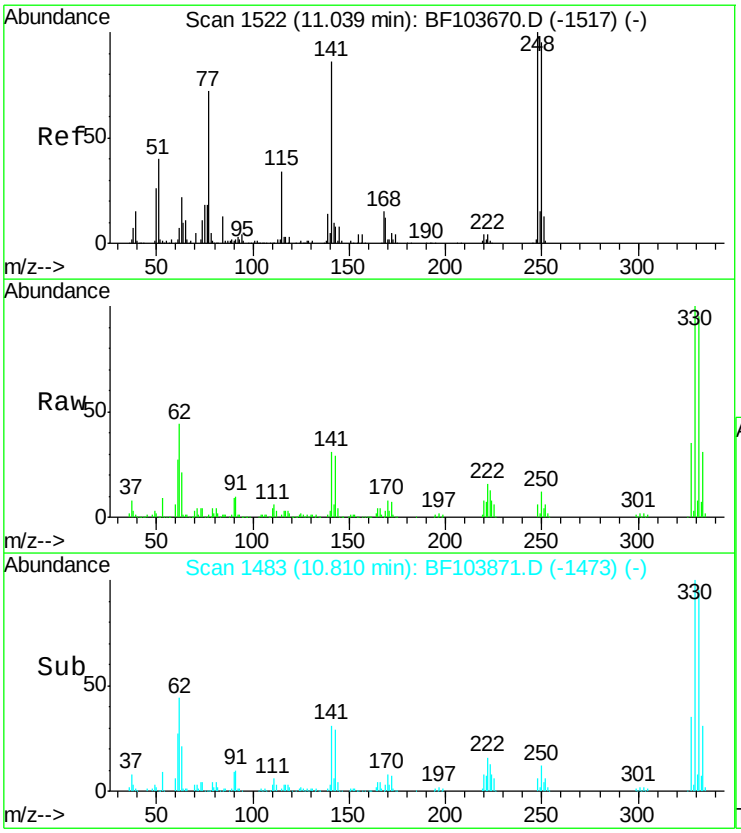
#64
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 913

Ion	Ratio	Lower	Upper
198	100		
51	182.5	37.7	77.7#
105	263.2	36.3	76.3#

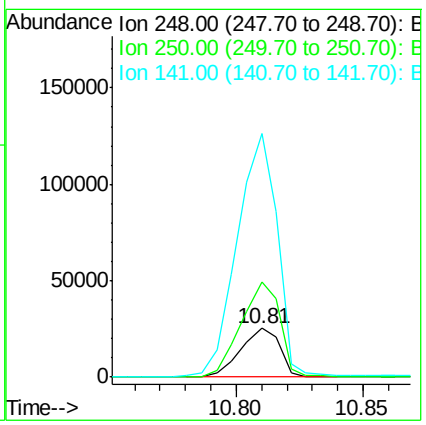


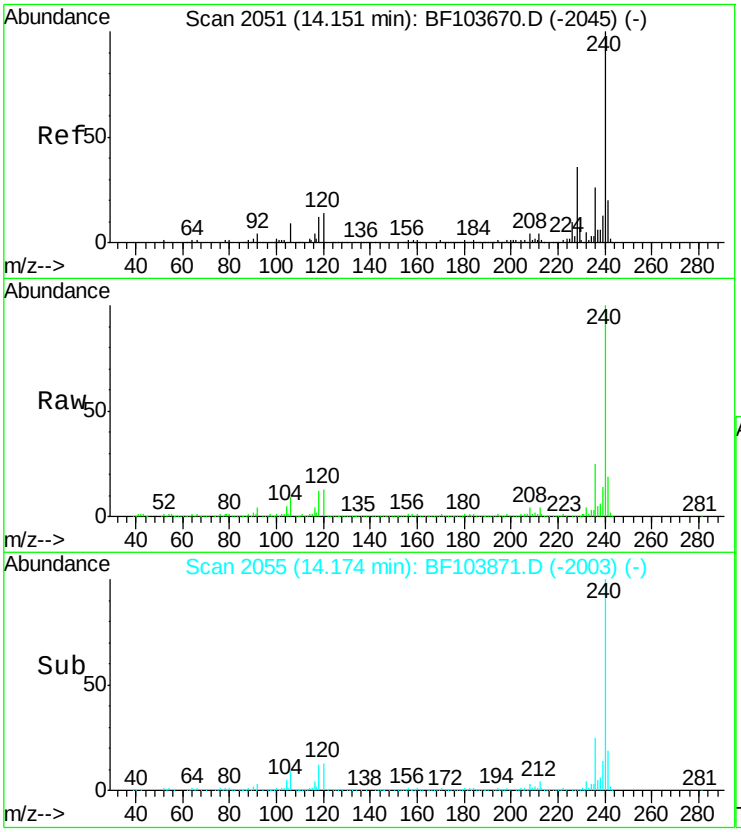


#66
4-Bromophenyl-phenylether
Concen: 4.686 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:248 Resp: 27317

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	499.2	74.4	111.6#



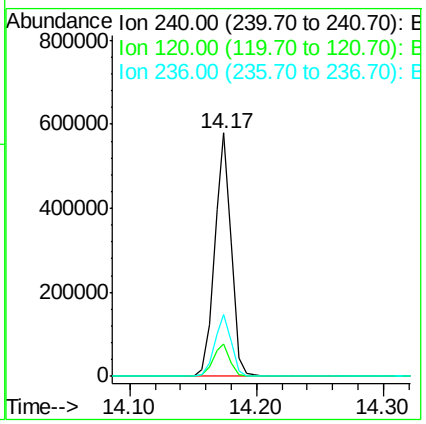


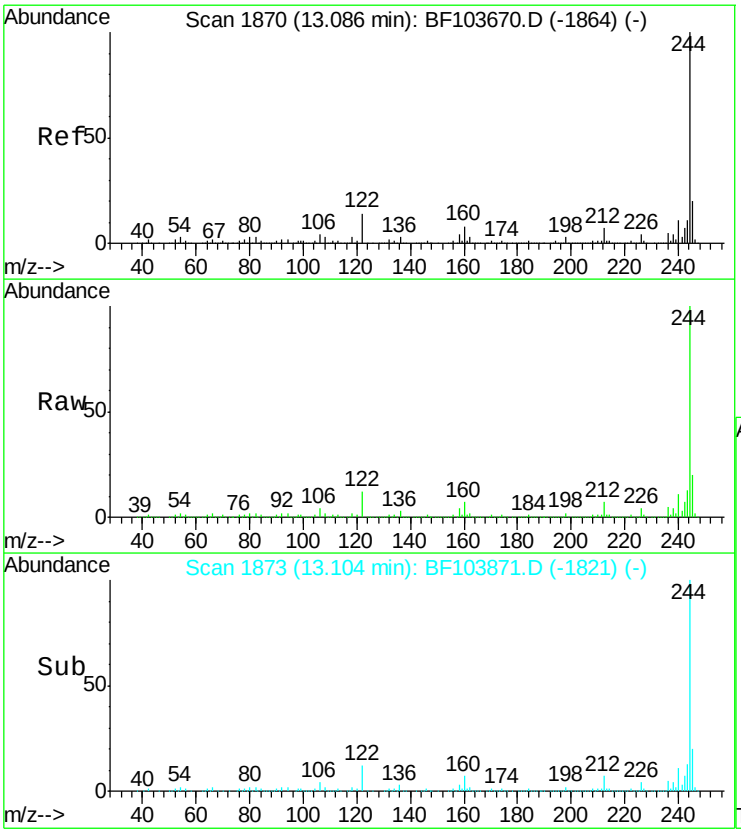
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 529333

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.5	20.7	31.1

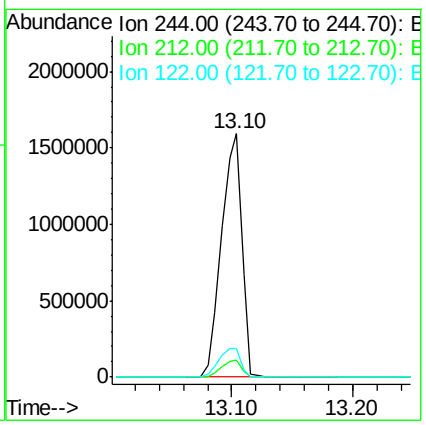


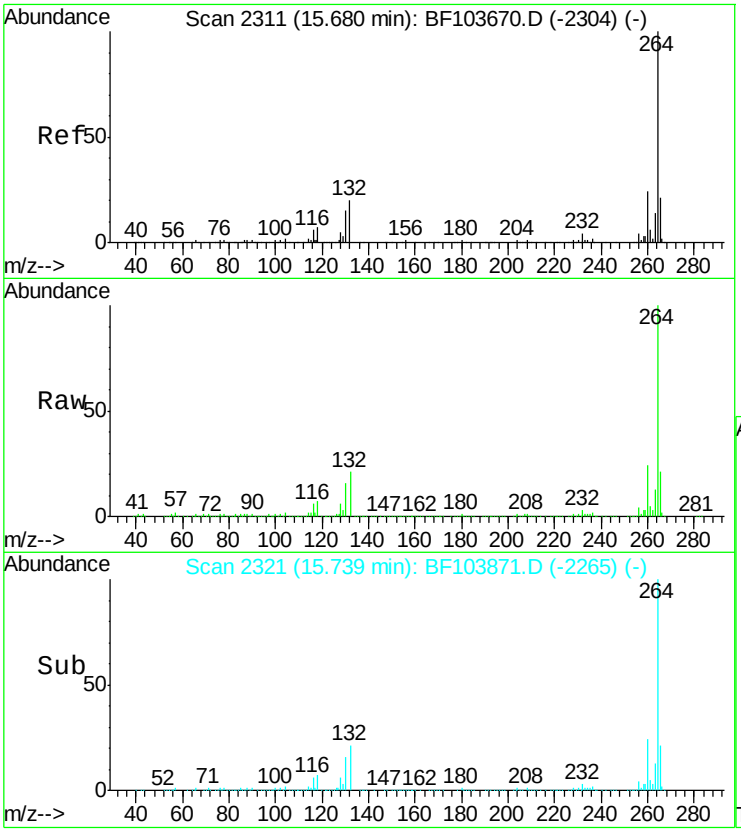


#78
Terphenyl-d14
Concen: 81.298 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:244 Resp: 1853977

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.8	11.0	16.4

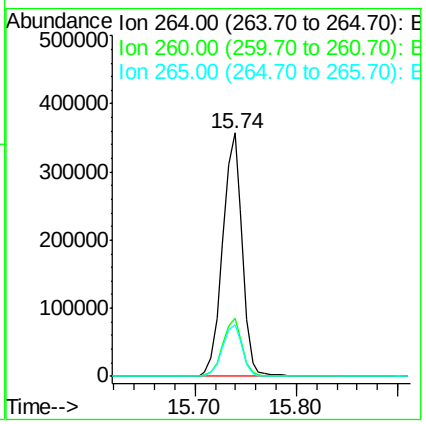




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2321
Delta R.T. 0.03 min
Lab File: BF103871.D
Acq: 23 Mar 2018 11:15

Tgt Ion:264 Resp: 477015

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3



Instrument :
BNA_F
ClientSampleId :