Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103890.D
Acq On : 23 Mar 2018 19:40
Operator : JU/SJ
Sample : J1867-03DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 23:10:41 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	136391	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	504926	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	197311	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	329300	20.00	ng		0.00
75) Chrysene-d12	14.16	240	281413	20.00	ng		0.00
86) Perylene-d12	15.70	264	216371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	264337	29.48	ng		0.00
7) Phenol-d6	6.59	99	189208	17.25	ng		-0.01
23) Nitrobenzene-d5	7.53	82	397285	54.87	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	134996	79.57	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	742415	60.02	ng		0.00
78) Terphenyl-d14	13.10	244	614762	50.71	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	50507	7.184	ng	#	75
25) Isophorone	7.53	82	397282	23.702	ng	#	64
35) Caprolactam	8.65	113	6888	3.062	ng	#	84
47) 2-Nitroaniline	9.72	65	253	6.878	ng	#	1
49) Dimethylphthalate	9.72	163	31528	2.094	ng		98
50) 2,6-Dinitrotoluene	10.02	165	26448	12.312	ng	#	25
55) 4-Nitrophenol	10.22	139	509	5.143	ng	#	9
56) 2,4-Dinitrotoluene	10.02	165	26448	12.454	ng	#	23
58) 2,3,4,6-Tetrachlorophenol	10.34	232	7396	2.568	ng	#	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	9069	15.918	ng	#	23
66) 4-Bromophenyl-phenylether	10.81	248	8147	2.410	ng	#	1
68) Atrazine	11.31	200	20299	5.854	ng	#	37
69) Pentachlorophenol	11.31	266	103659	46.724	ng		97

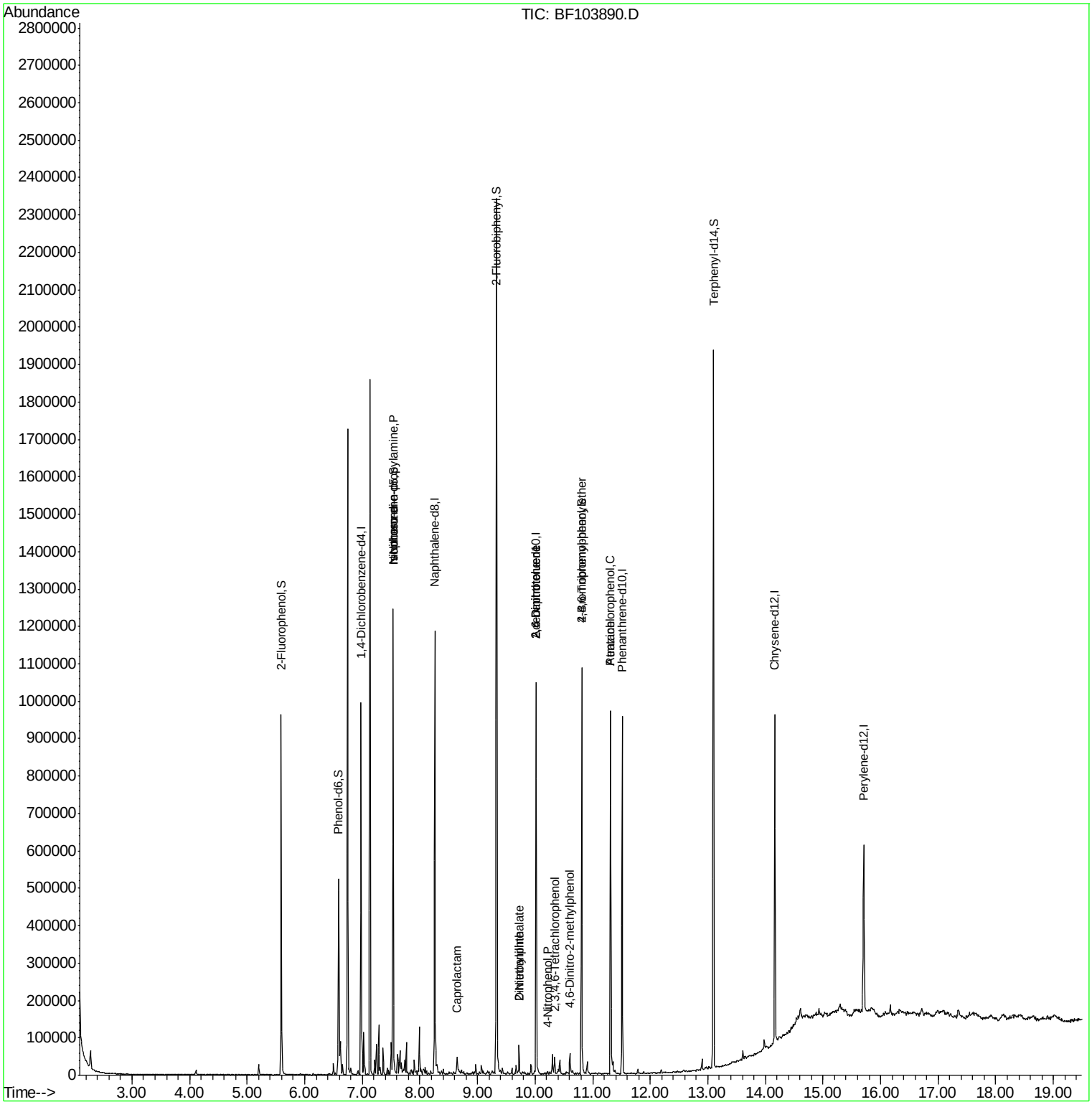
(#) = qualifier out of range (m) = manual integration (+) = signals summed

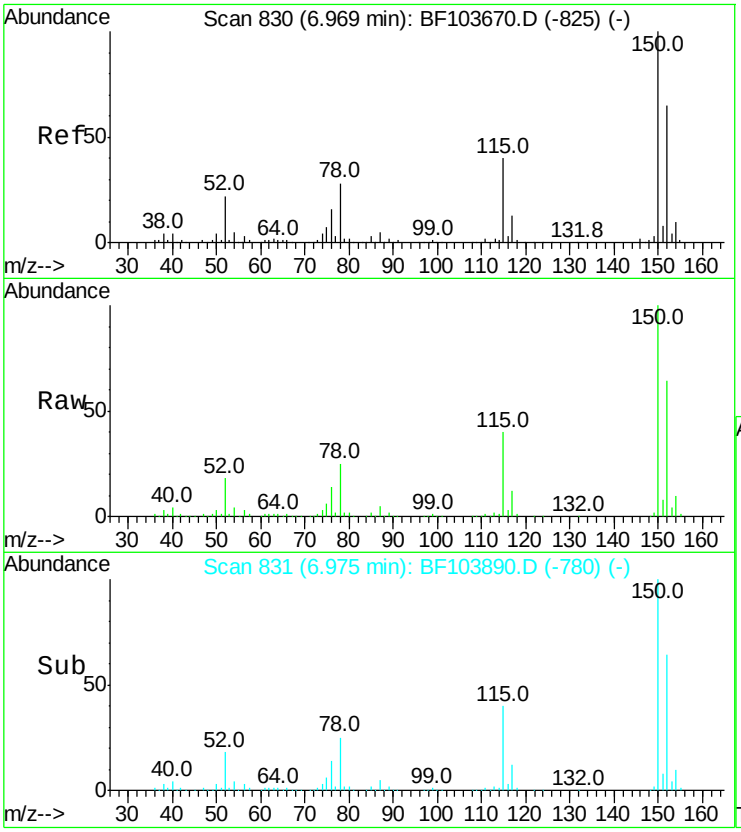
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103890.D
Acq On : 23 Mar 2018 19:40
Operator : JU/SJ
Sample : J1867-03DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 23 23:10:41 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



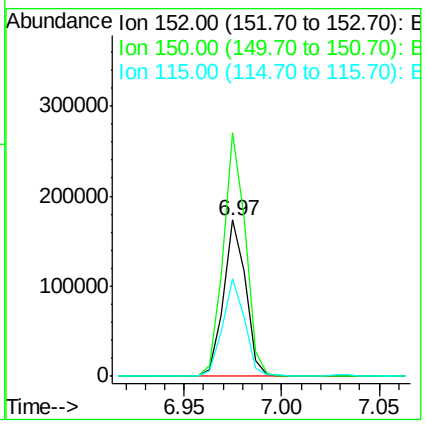


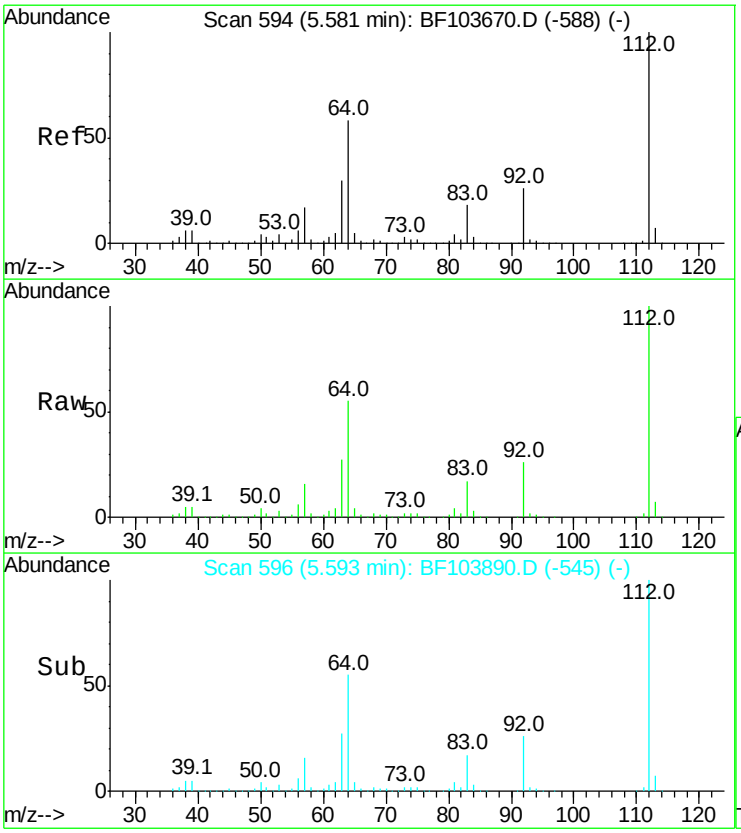
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136391

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.6	50.1	75.1

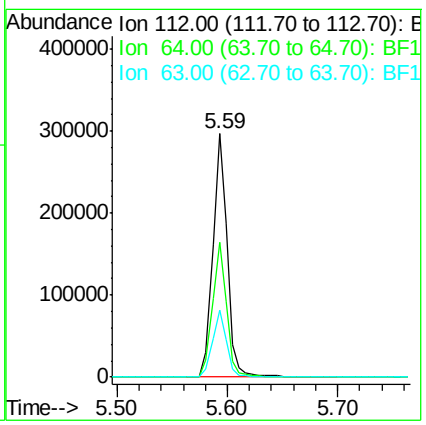


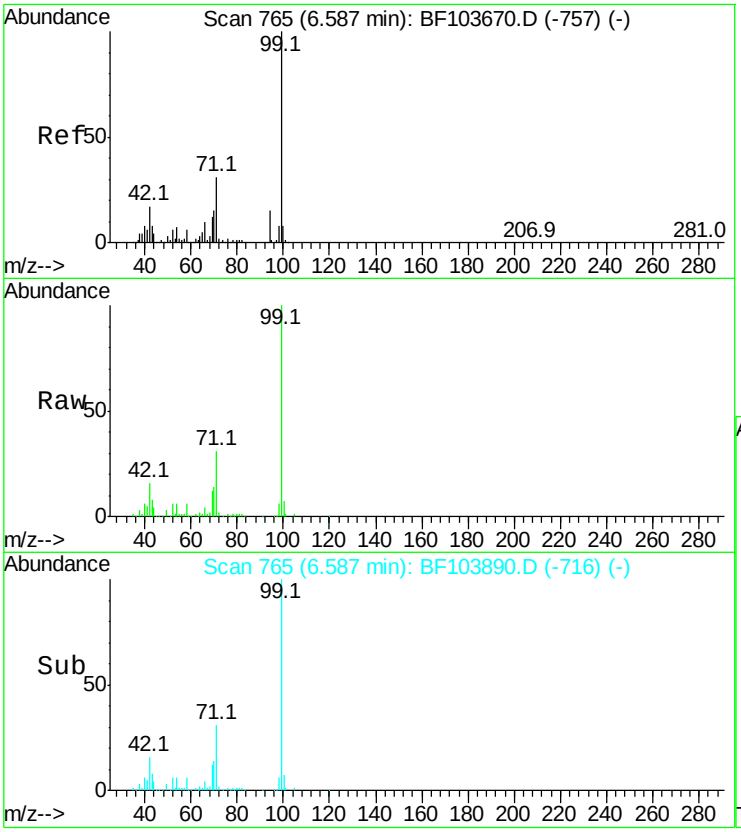


#5
2-Fluorophenol
Concen: 29.478 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:112 Resp: 264337

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.4	23.7	35.5



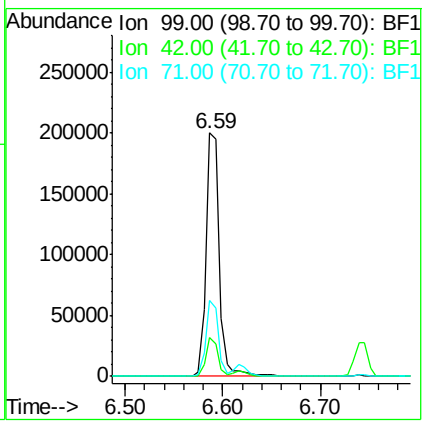


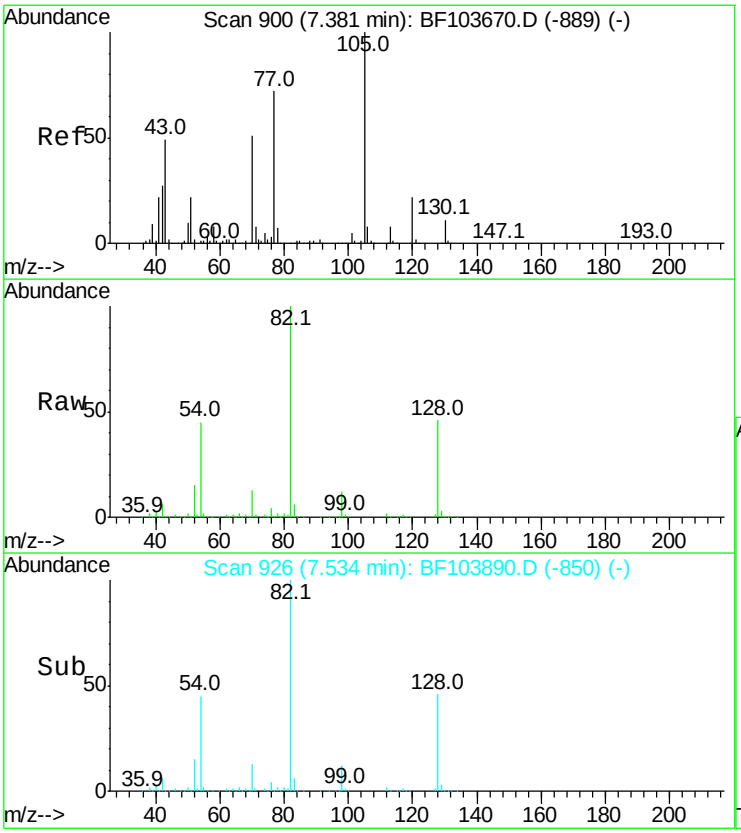
#7
Phenol-d6
Concen: 17.247 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 189208

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	31.3	25.4	38.0

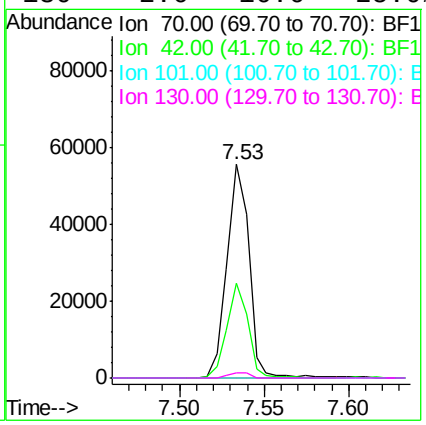


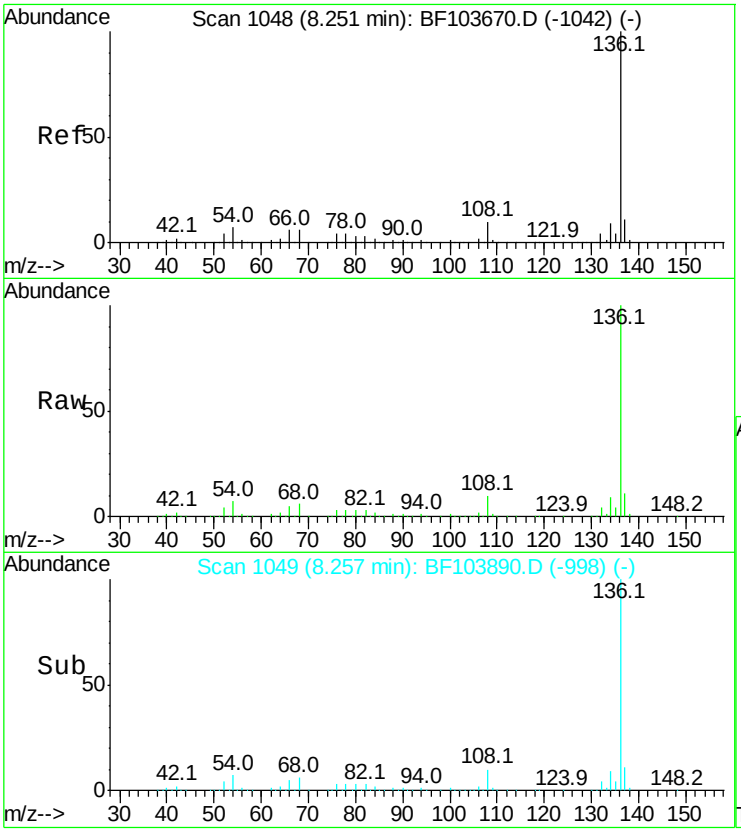


#19
n-Nitroso-di-n-propylamine
Concen: 7.184 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion: 70 Resp: 50507

Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



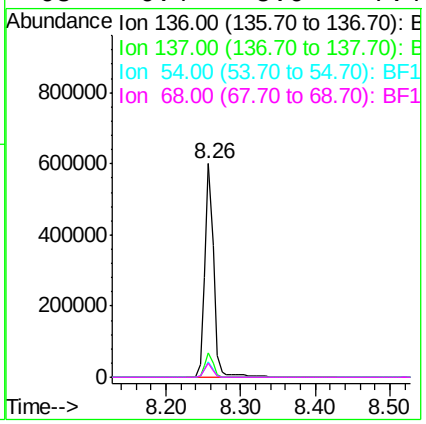


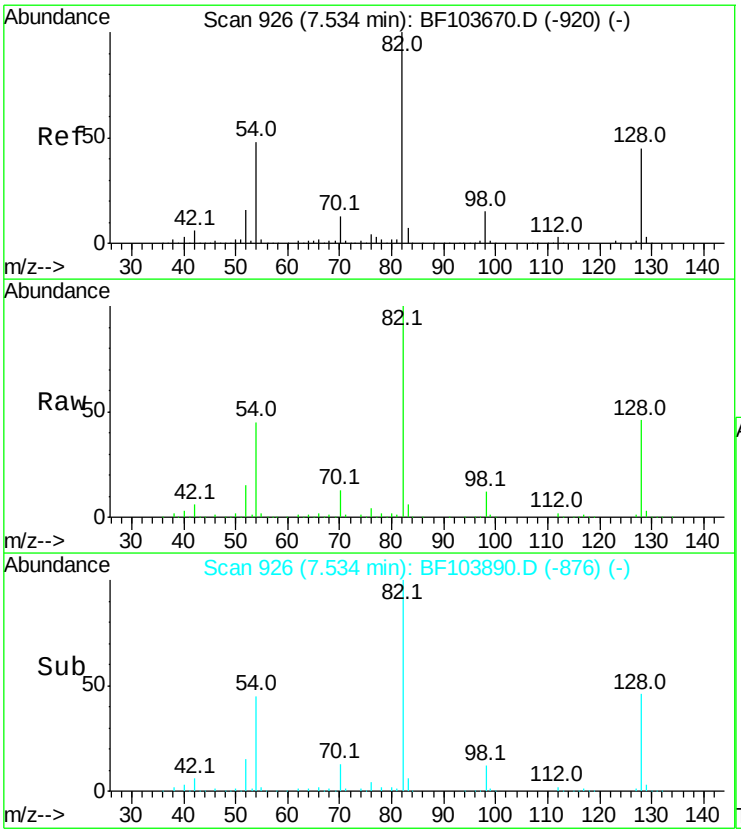
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 504926

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.4	5.0	7.4

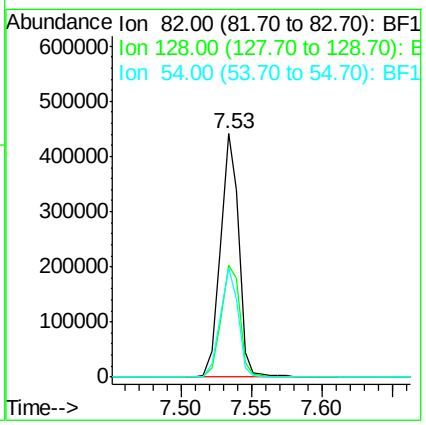


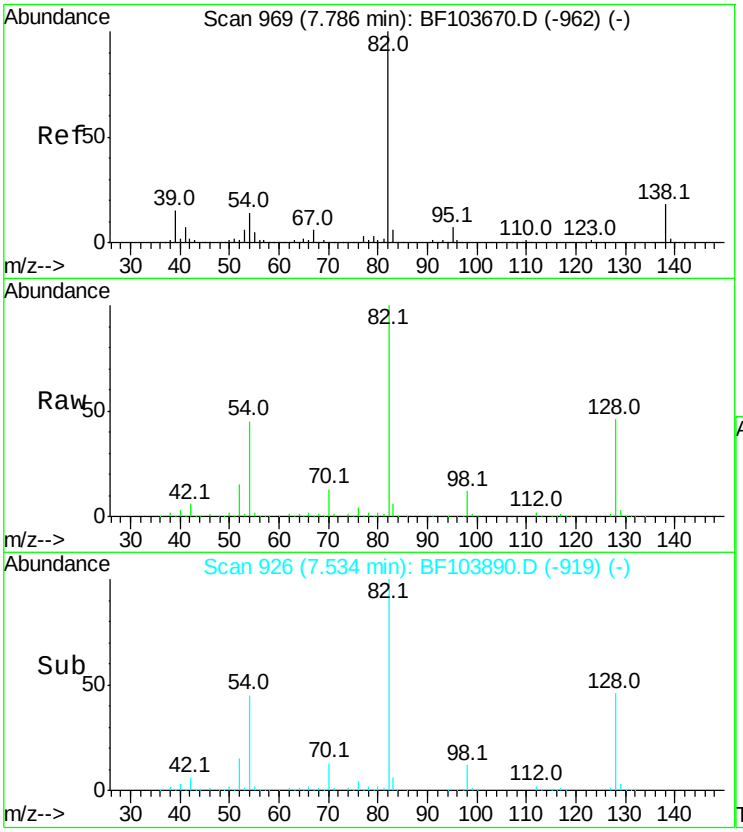


#23
Nitrobenzene-d5
Concen: 54.869 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion: 82 Resp: 397285

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	45.1	41.4	62.2



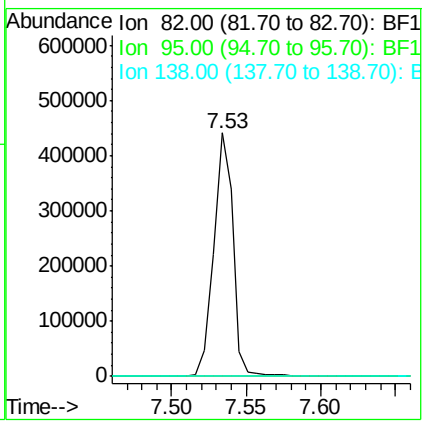


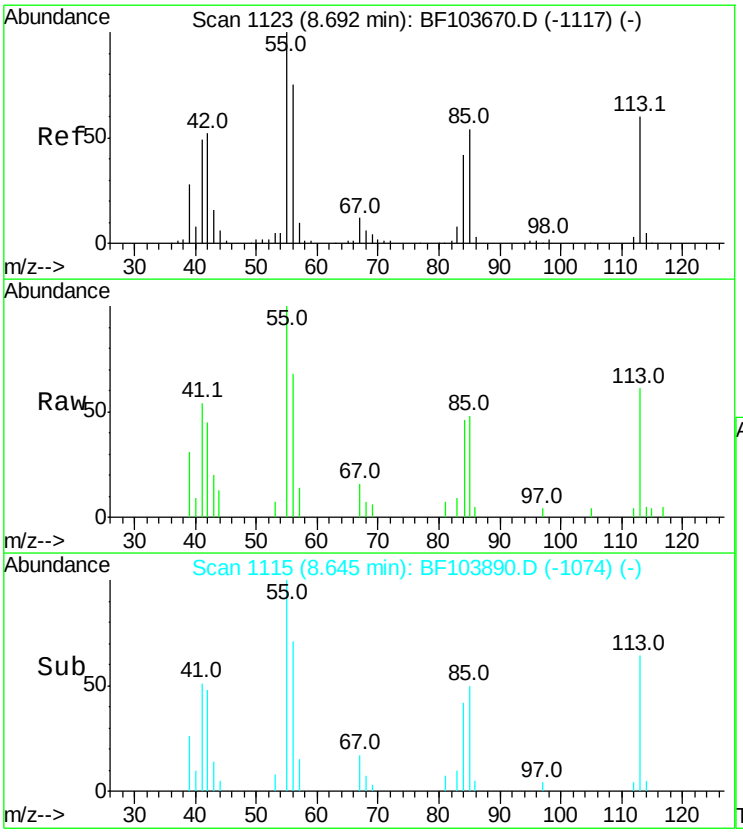
#25
Isophorone
Concen: 23.702 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 397282

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

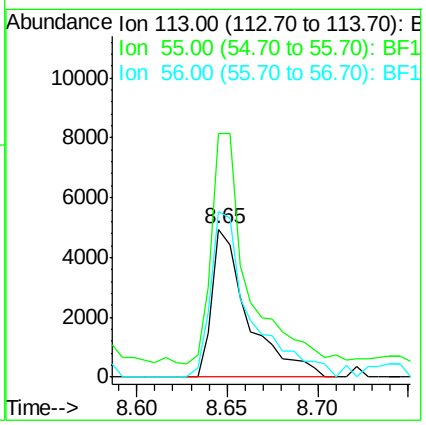


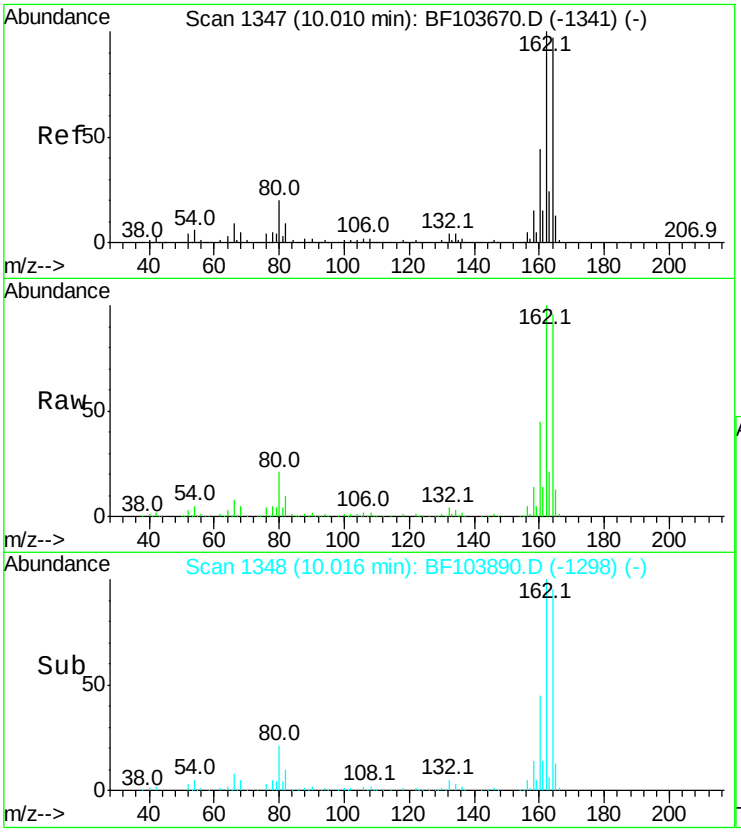


#35
Caprolactam
Concen: 3.062 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.06 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:113 Resp: 6888

Ion	Ratio	Lower	Upper
113	100		
55	164.9	163.3	203.3
56	111.7	115.7	155.7#



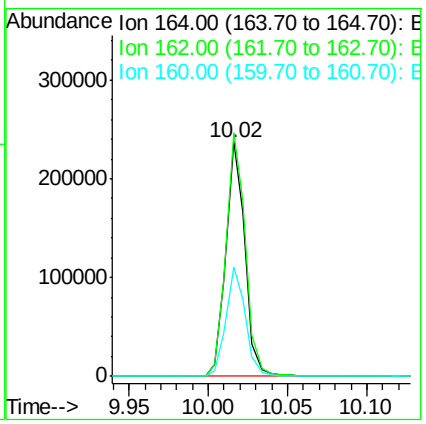


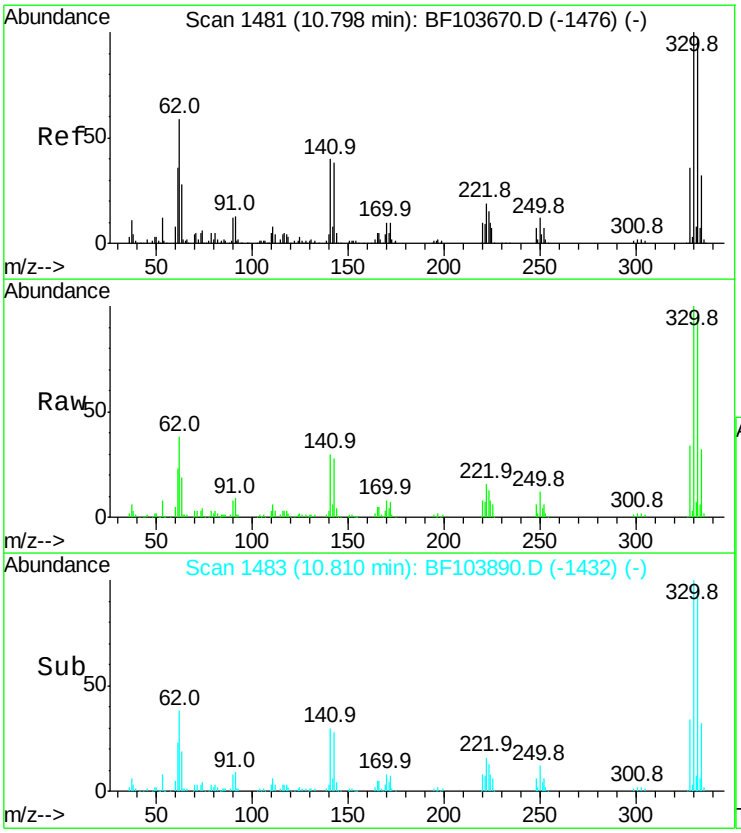
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 197311

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.8	38.3	57.5

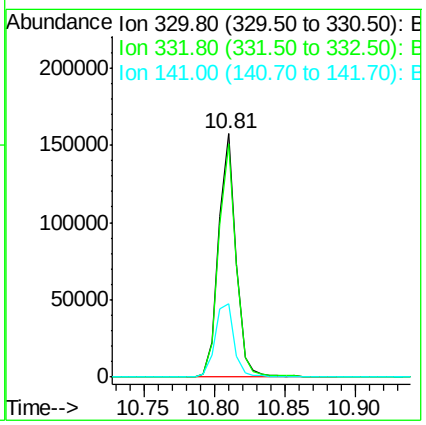


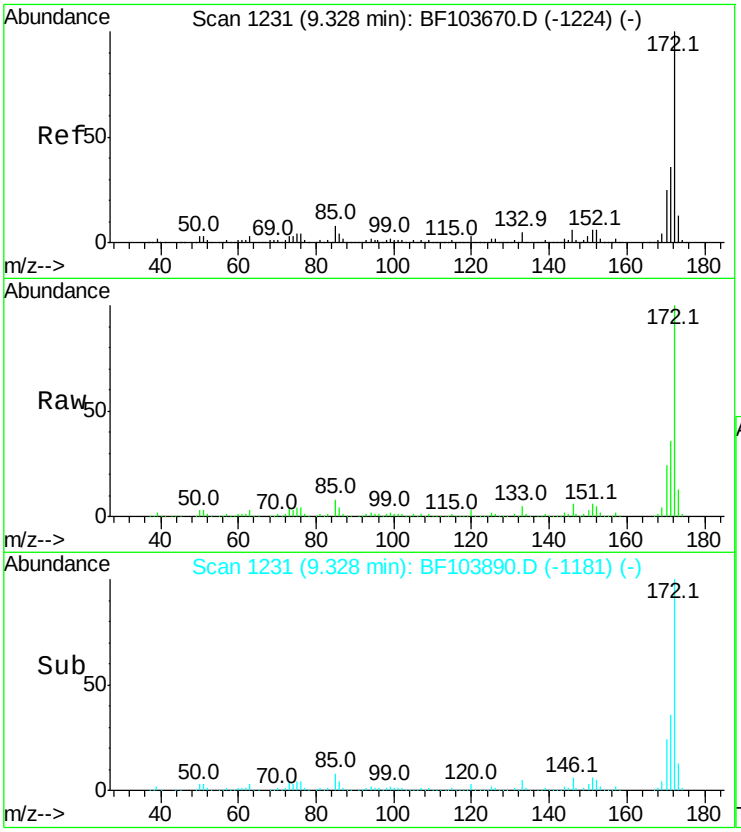


#41
2,4,6-Tribromophenol
Concen: 79.574 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:330 Resp: 134996

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.3	29.9	44.9



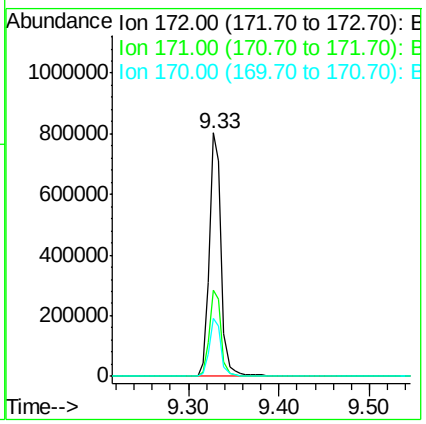


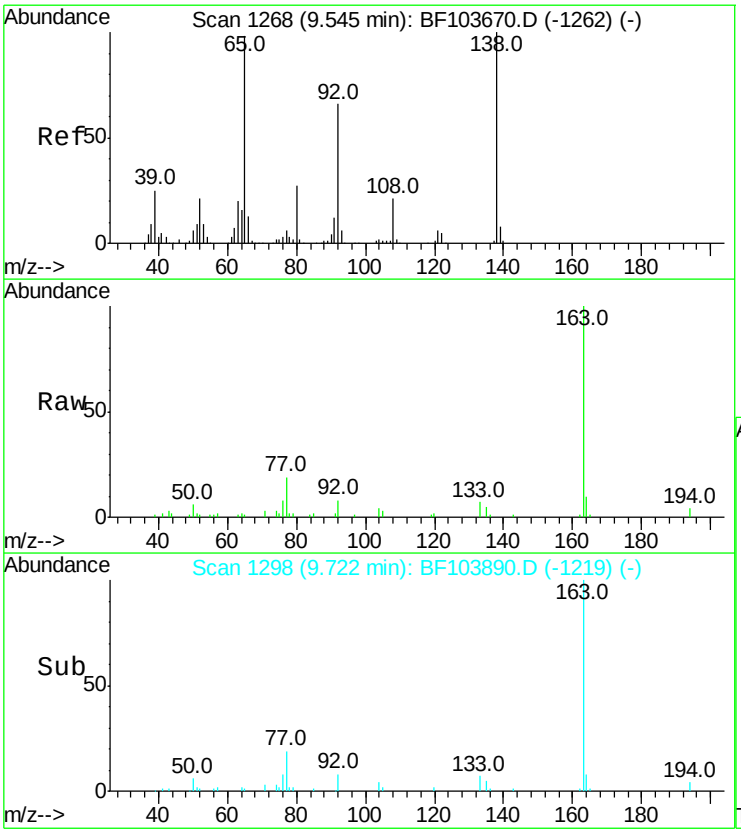
#44
2-Fluorobiphenyl
Concen: 60.020 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 742415

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

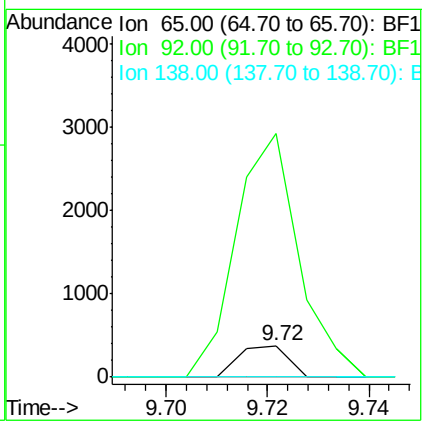


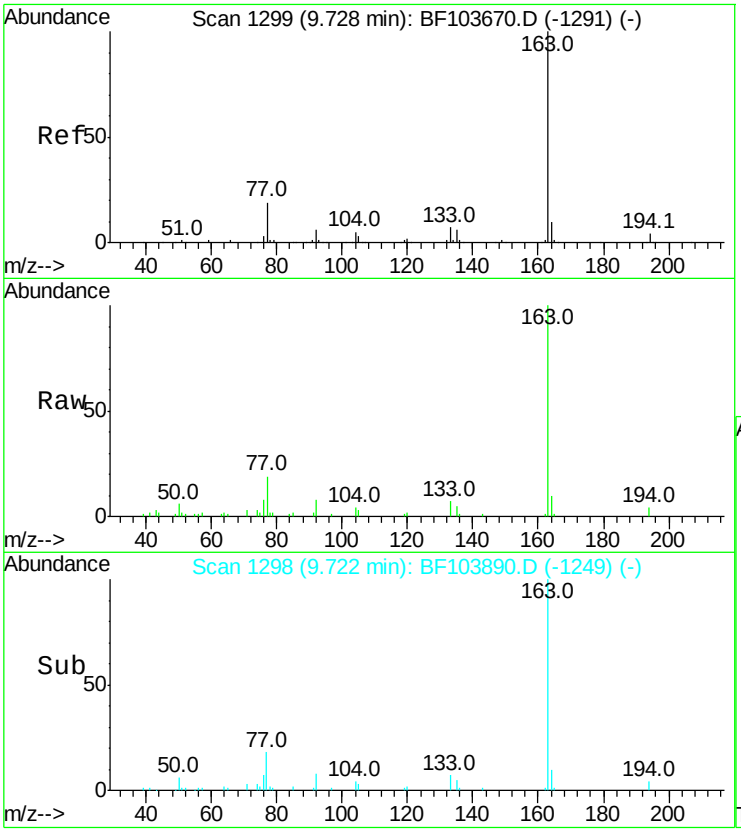


#47
2-Nitroaniline
Concen: 6.878 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.16 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion: 65 Resp: 253

Ion	Ratio	Lower	Upper
65	100		
92	770.3	55.8	83.6#
138	0.0	91.2	136.8#



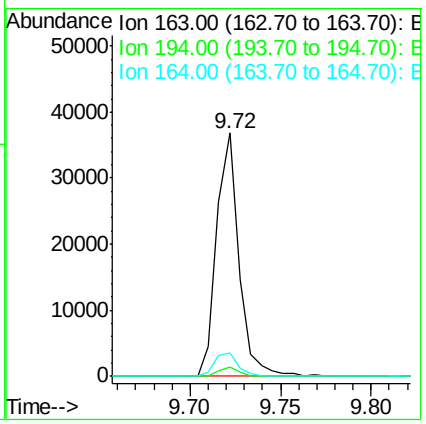


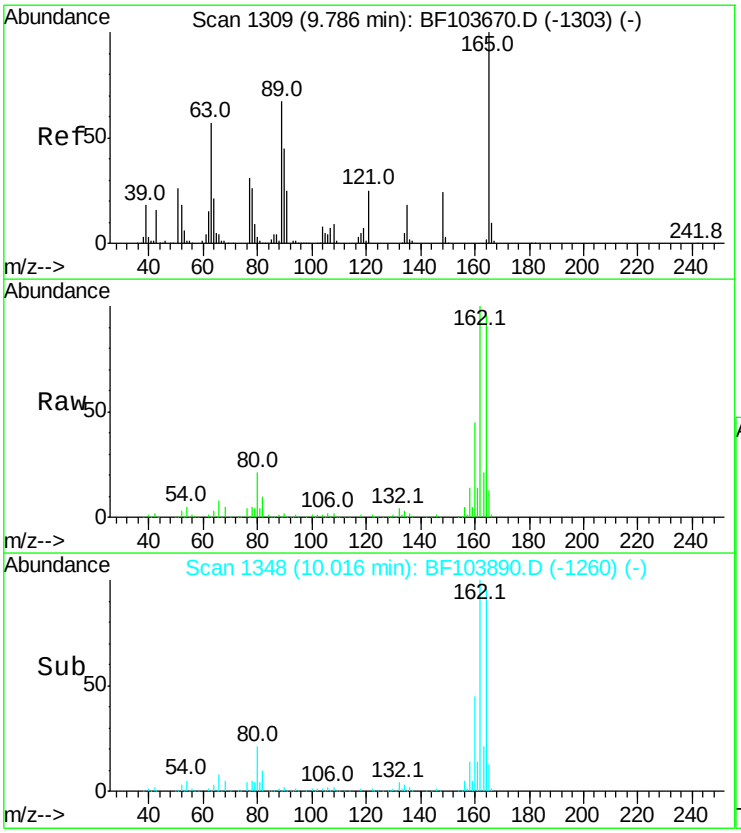
#49
Dimethylphthalate
Concen: 2.094 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 31528

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.5	8.2	12.2

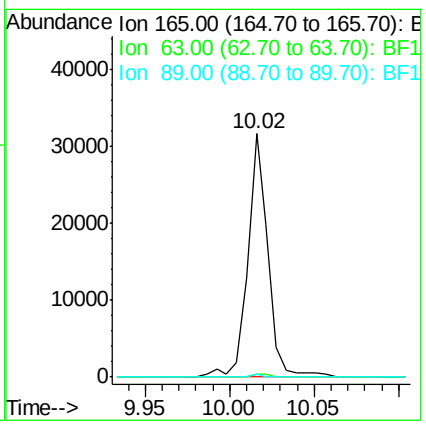


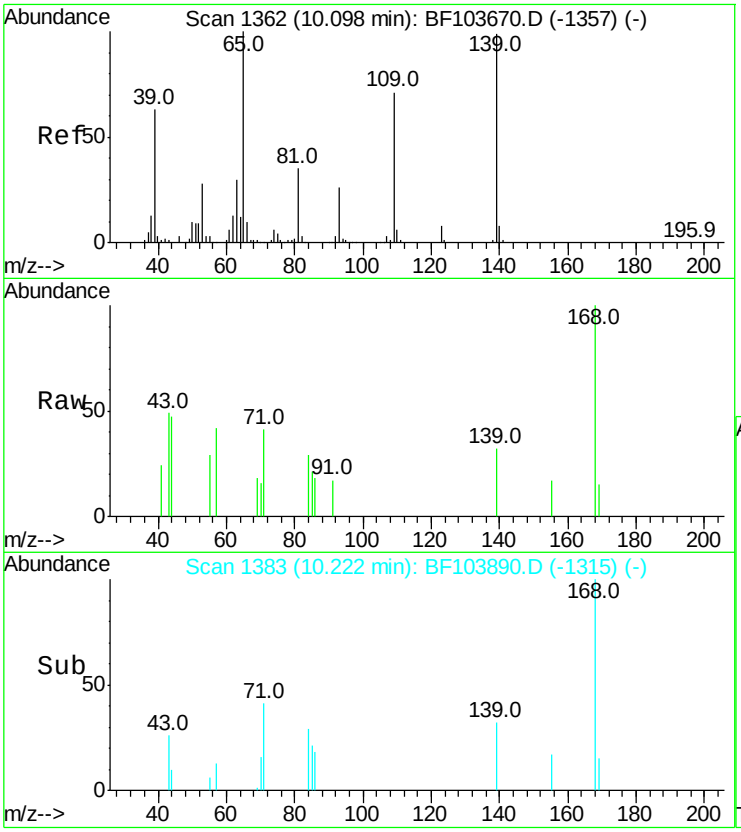


#50
2,6-Dinitrotoluene
Concen: 12.312 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.22 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:165 Resp: 26448

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#



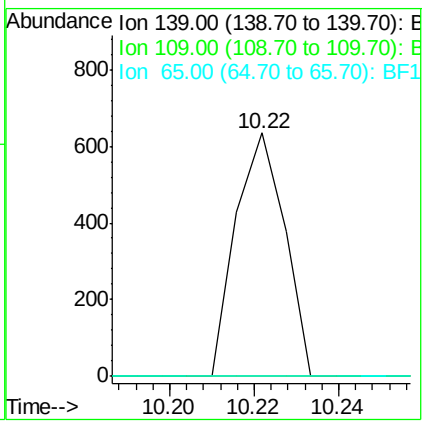


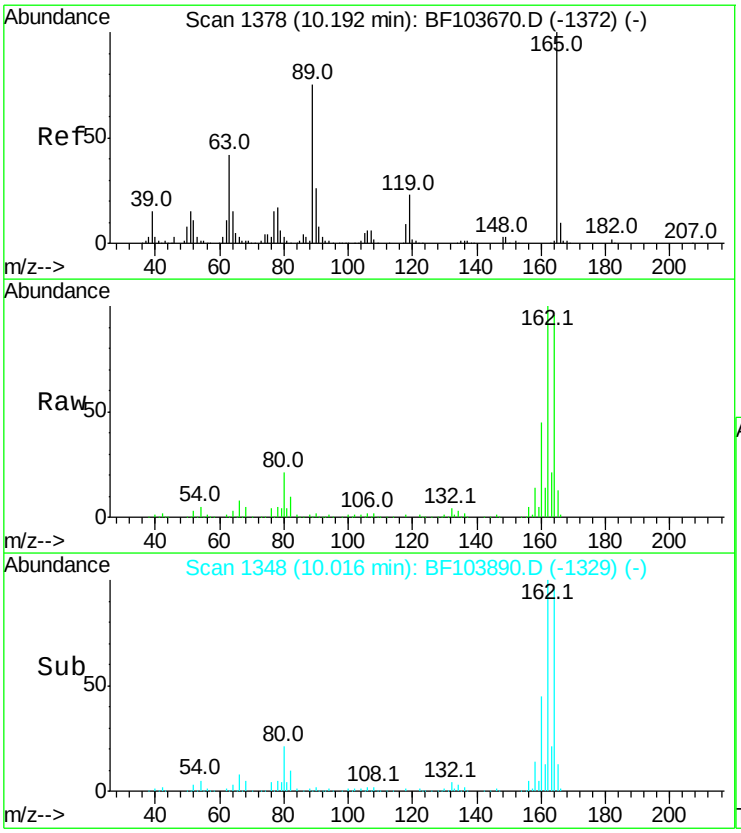
#55
4-Nitrophenol
Concen: 5.143 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.10 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 509

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

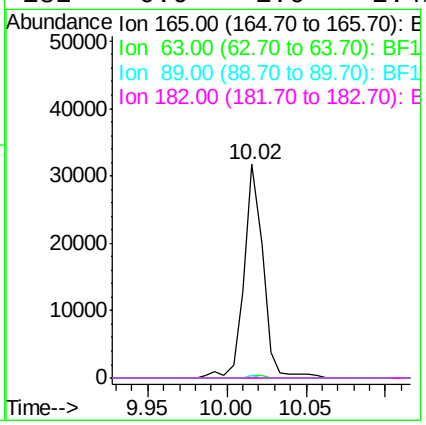


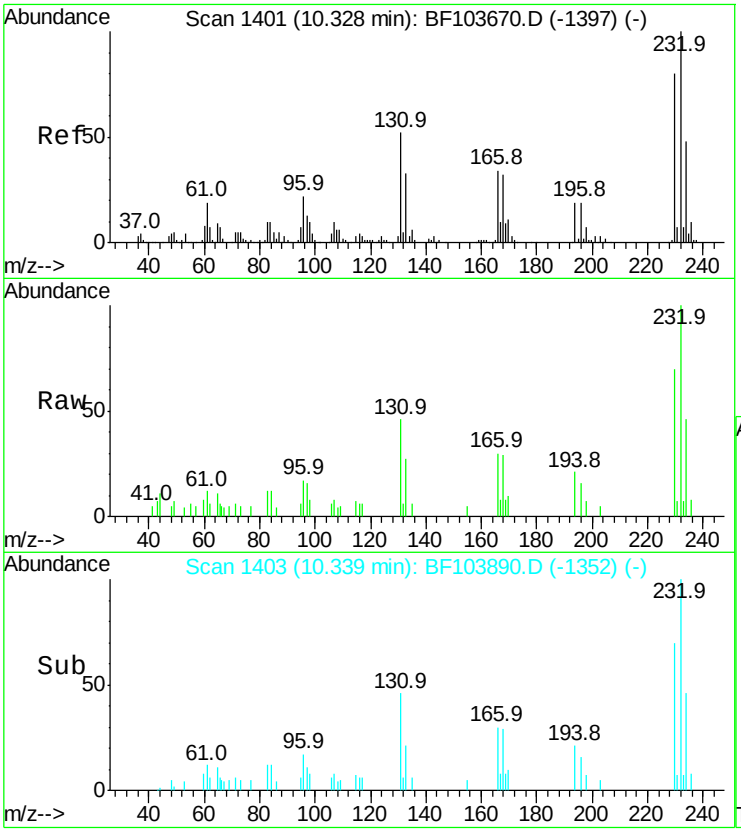


#56
2,4-Dinitrotoluene
Concen: 12.454 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:165 Resp: 26448

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



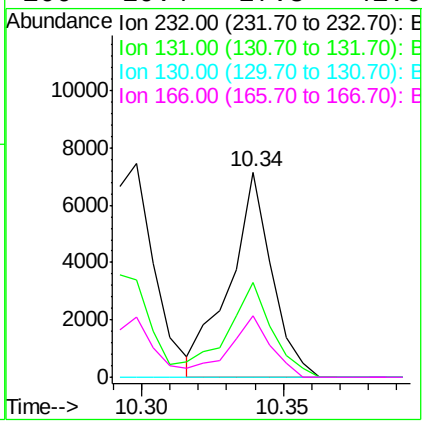


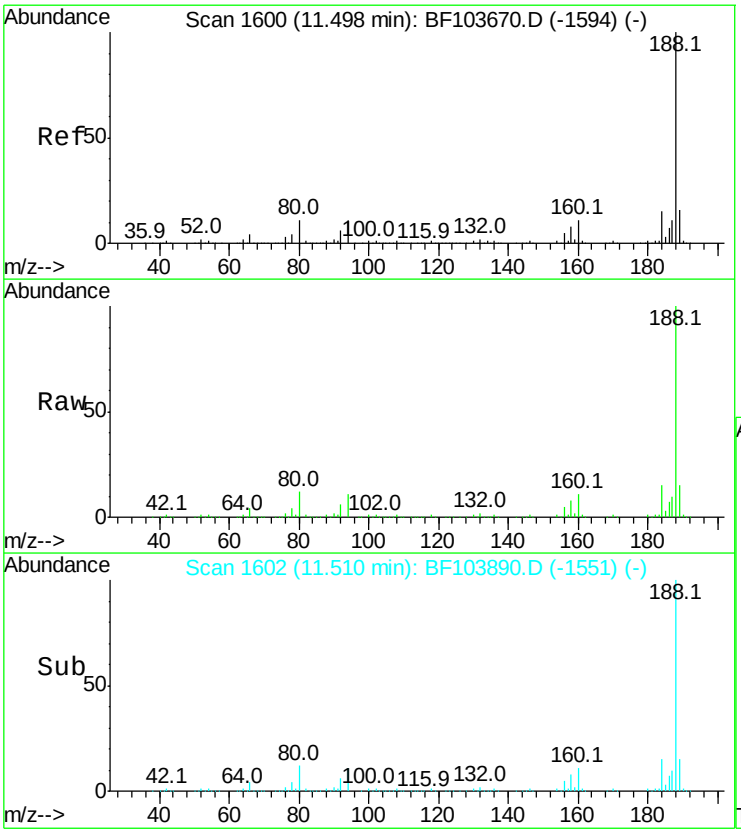
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.568 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 7396

Ion	Ratio	Lower	Upper
232	100		
131	48.8	43.8	65.8
130	0.0	2.1	3.1#
166	29.4	27.8	41.6

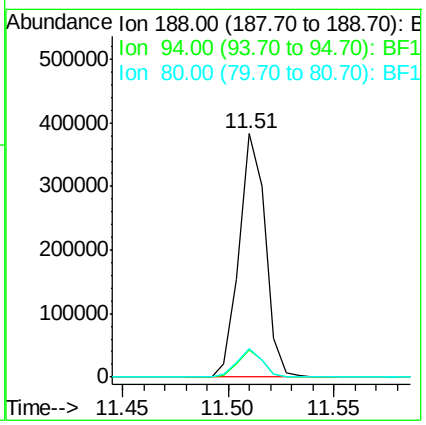


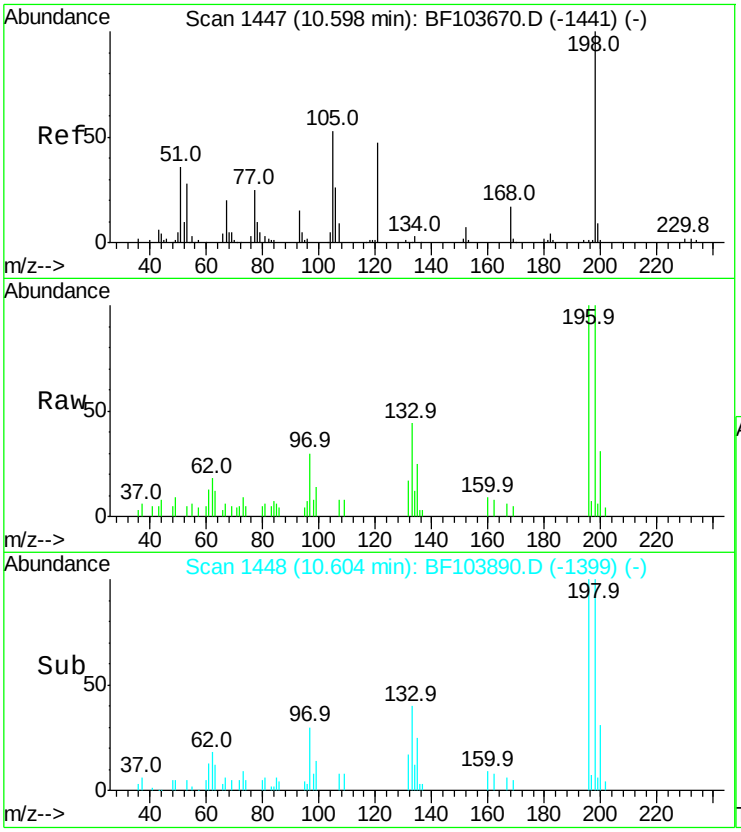


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:188 Resp: 329300

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.8	9.2	13.8



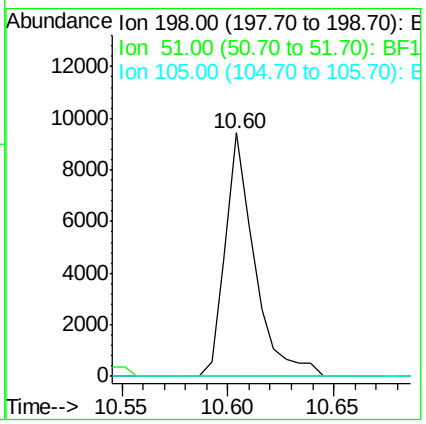


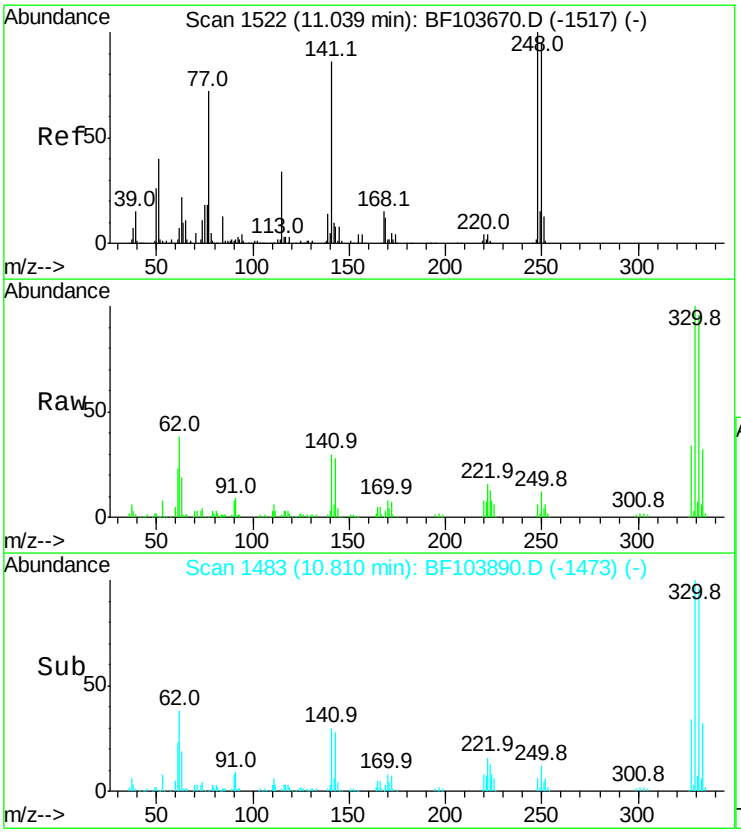
#64
4,6-Dinitro-2-methylphenol
Concen: 15.918 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 9069

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	0.0	36.3	76.3#

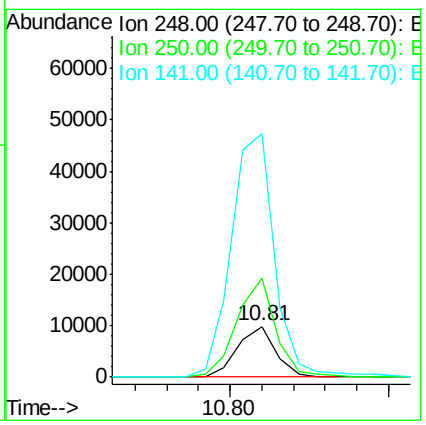


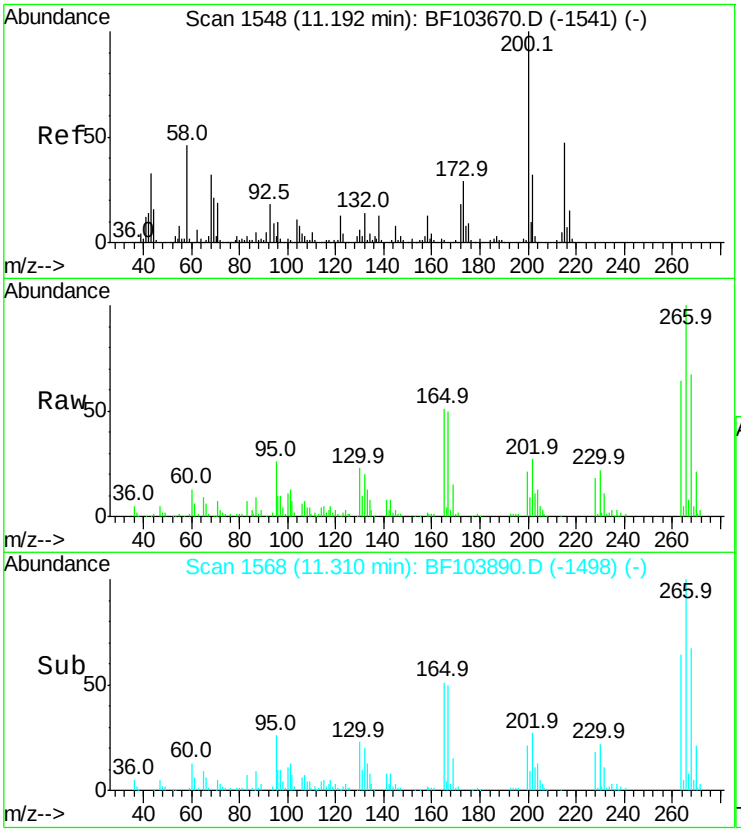


#66
4-Bromophenyl-phenylether
Concen: 2.410 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:248 Resp: 8147

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.9	115.3#
141	480.7	74.4	111.6#



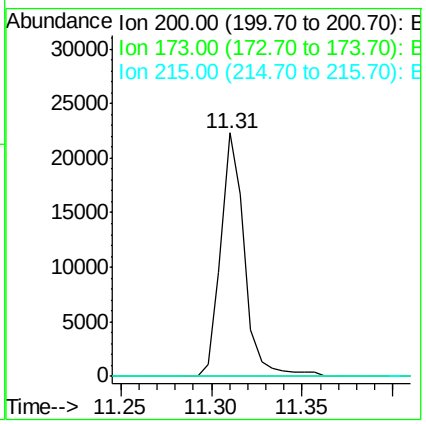


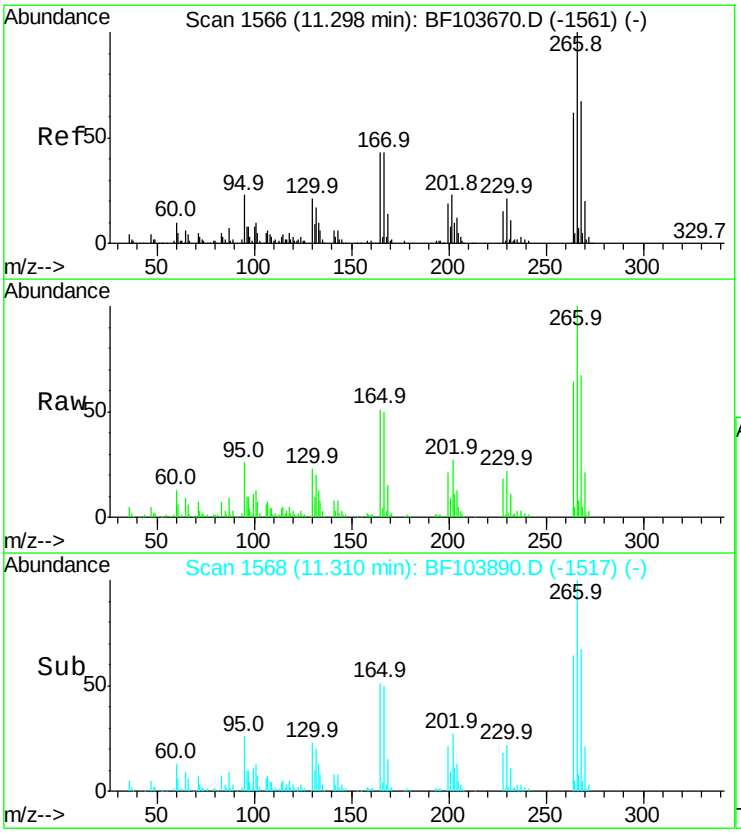
#68
Atrazine
Concen: 5.854 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.11 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 20299

Ion	Ratio	Lower	Upper
200	100		
173	0.0	8.6	48.6#
215	0.0	25.1	65.1#

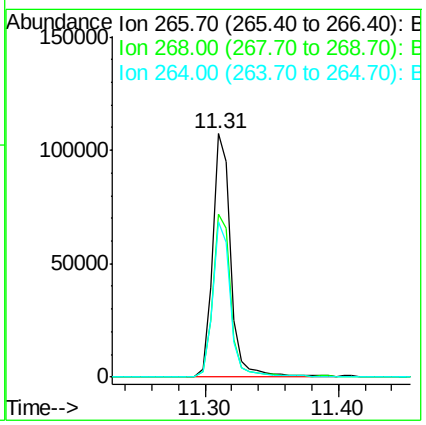


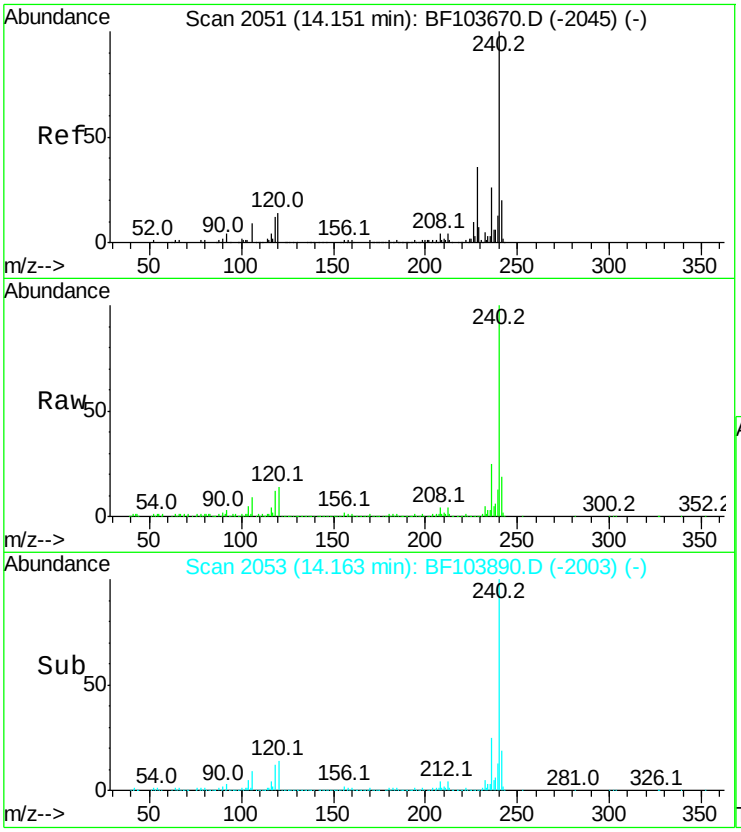


#69
Pentachlorophenol
Concen: 46.724 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:266 Resp: 103659

Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	64.0	49.5	74.3



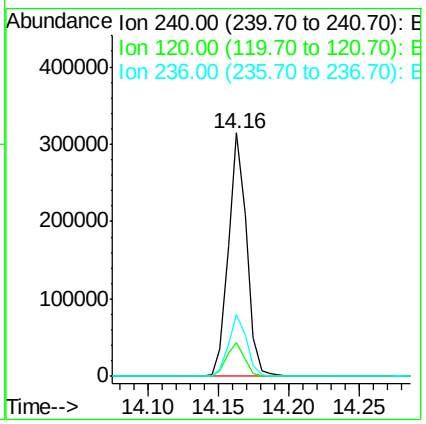


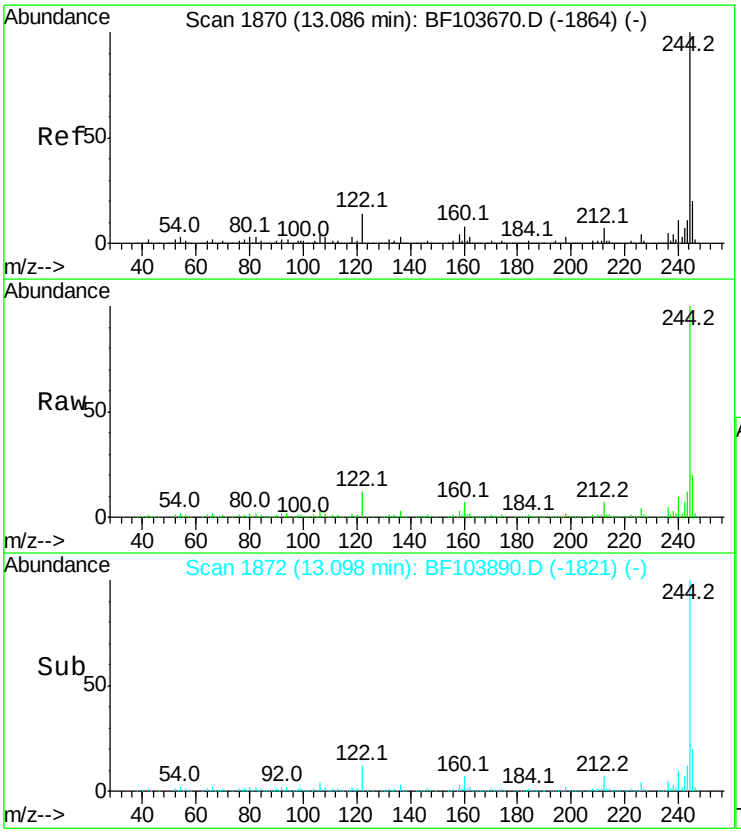
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 281413

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	25.5	20.7	31.1

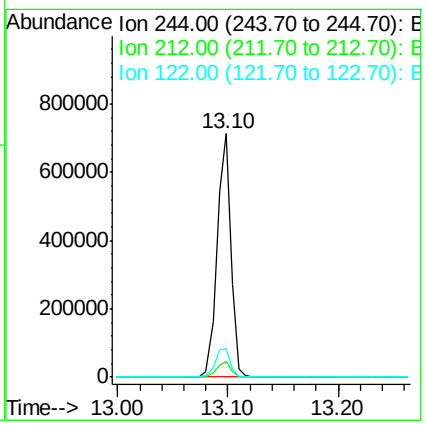


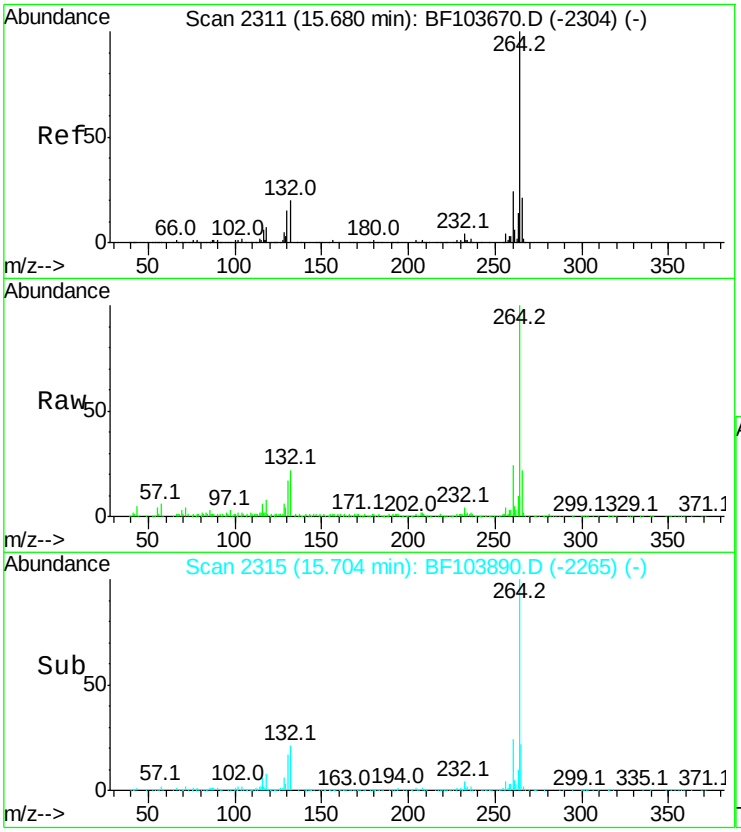


#78
Terphenyl-d14
Concen: 50.707 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Tgt Ion:244 Resp: 614762

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103890.D
Acq: 23 Mar 2018 19:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 216371

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3