Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 04:02:59 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	152266	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	599891	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	252384	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	394322	20.00	ng	0.00
75) Chrysene-d12	14.16	240	289070	20.00	ng	-0.01
86) Perylene-d12	15.70	264	238160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	959775	95.87	ng	0.01
7) Phenol-d6	6.60	99	1156525	94.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	667879	77.64	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	230363	106.16	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1159146	73.26	ng	0.00
78) Terphenyl-d14	13.09	244	852934	68.49	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	83319	10.615	ng	# 73
25) Isophorone	7.53	82	667879	33.538	ng	# 64
47) 2-Nitroaniline	9.53	65	109	6.836	ng	# 2
49) Dimethylphthalate	9.72	163	98973	5.140	ng	# 99
50) 2,6-Dinitrotoluene	10.01	165	33204	12.158	ng	# 26
55) 4-Nitrophenol	10.11	139	239	5.033	ng	# 12
56) 2,4-Dinitrotoluene	10.32	165	1392	6.470	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.80	198	460	8.466	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13830	3.416	ng	# 1
70) Phenanthrene	11.53	178	59925	2.778	ng	98
74) Fluoranthene	12.72	202	46160	2.077	ng	98
77) Pyrene	12.95	202	76530	3.605	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103992.D
Acq On : 28 Mar 2018 1:10
Operator : JU/SJ
Sample : J2048-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 04:02:59 2018
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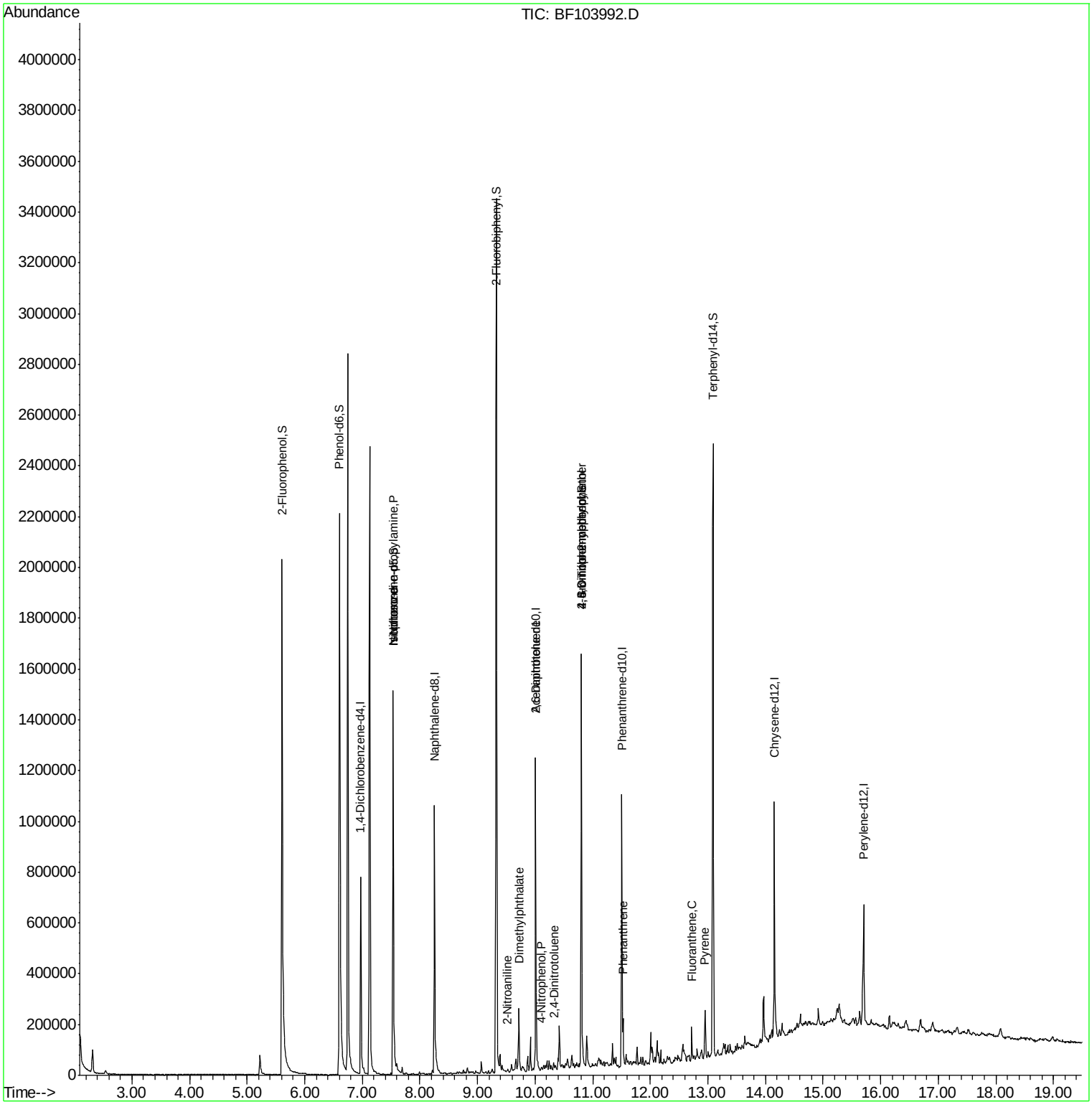
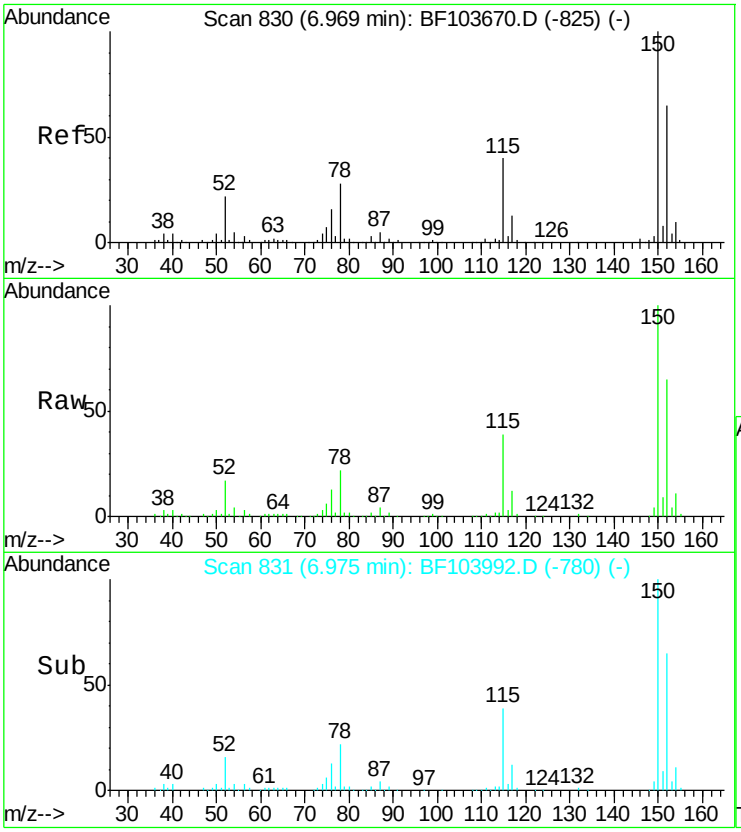


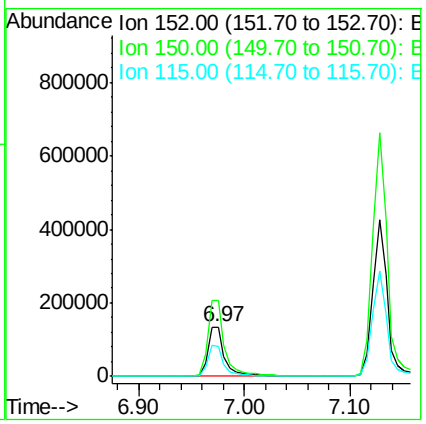


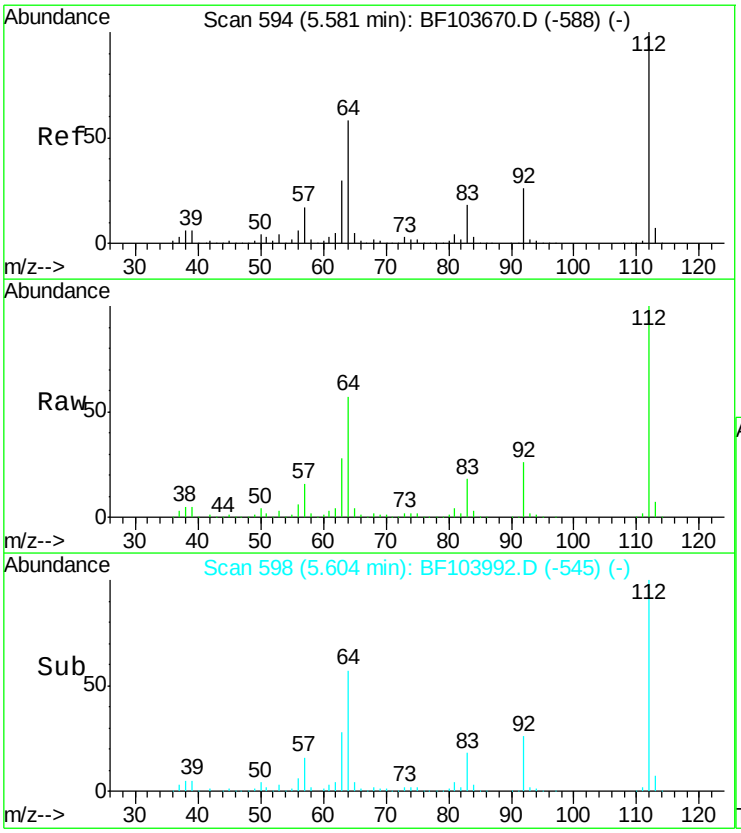
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 152266

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	59.5	50.1	75.1

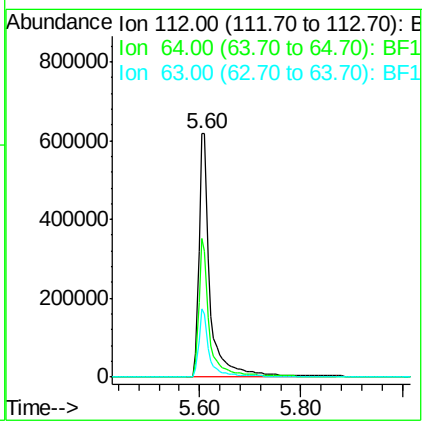


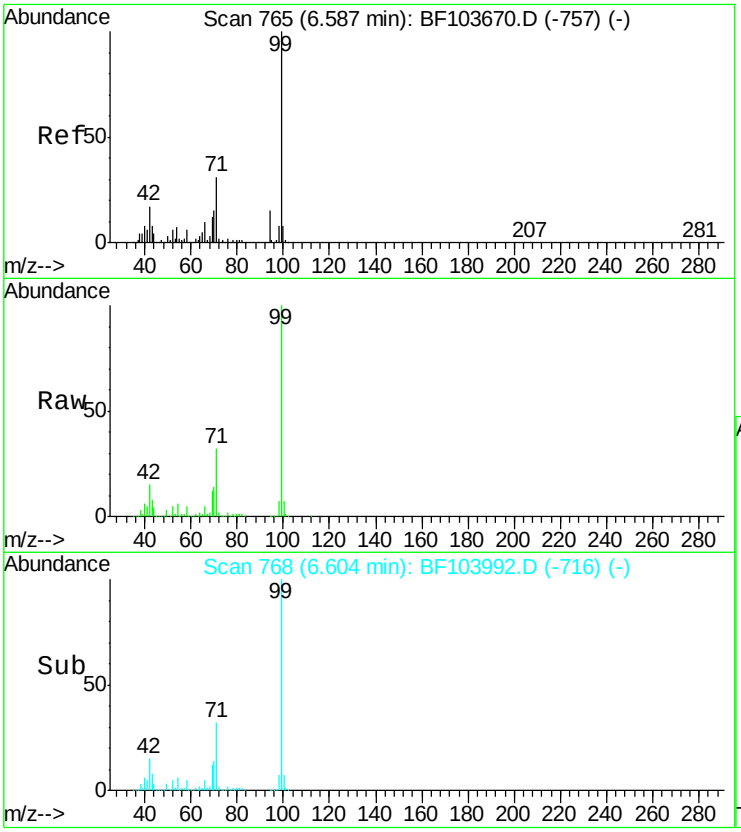


#5
2-Fluorophenol
Concen: 95.872 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:112 Resp: 959775

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.2	23.7	35.5



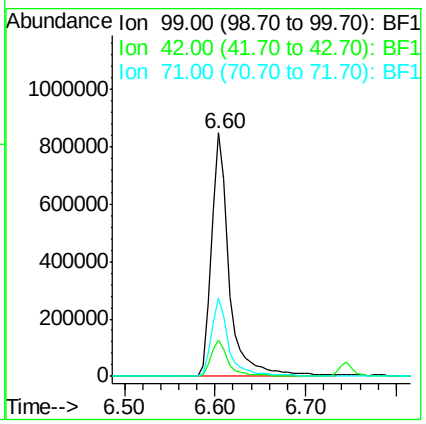


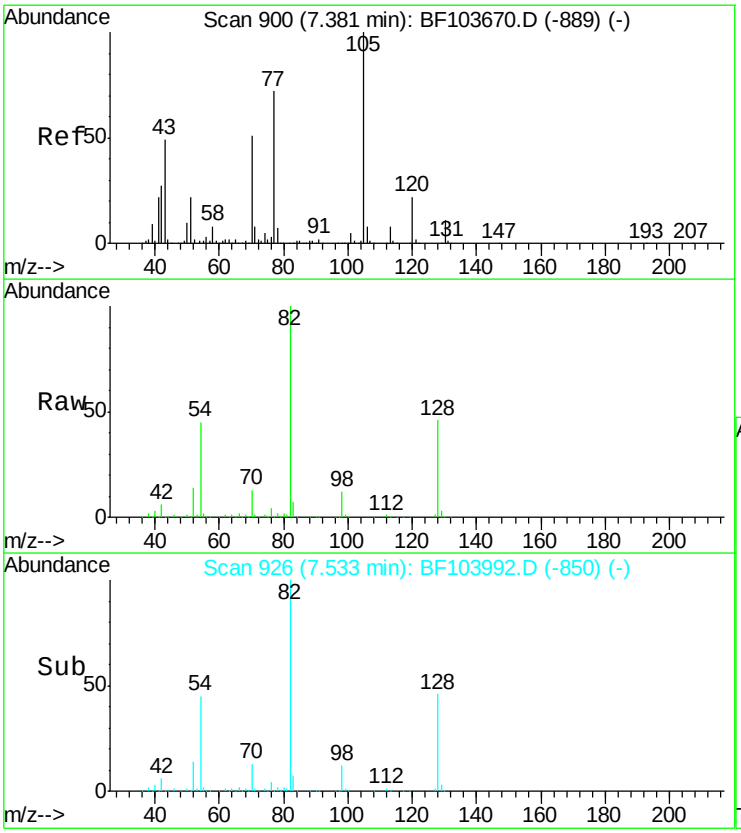
#7
Phenol-d6
Concen: 94.428 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1156525

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	32.3	25.4	38.0

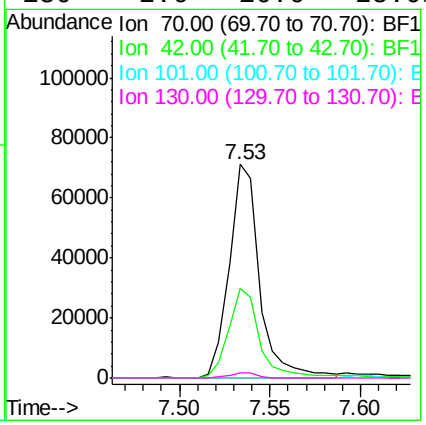


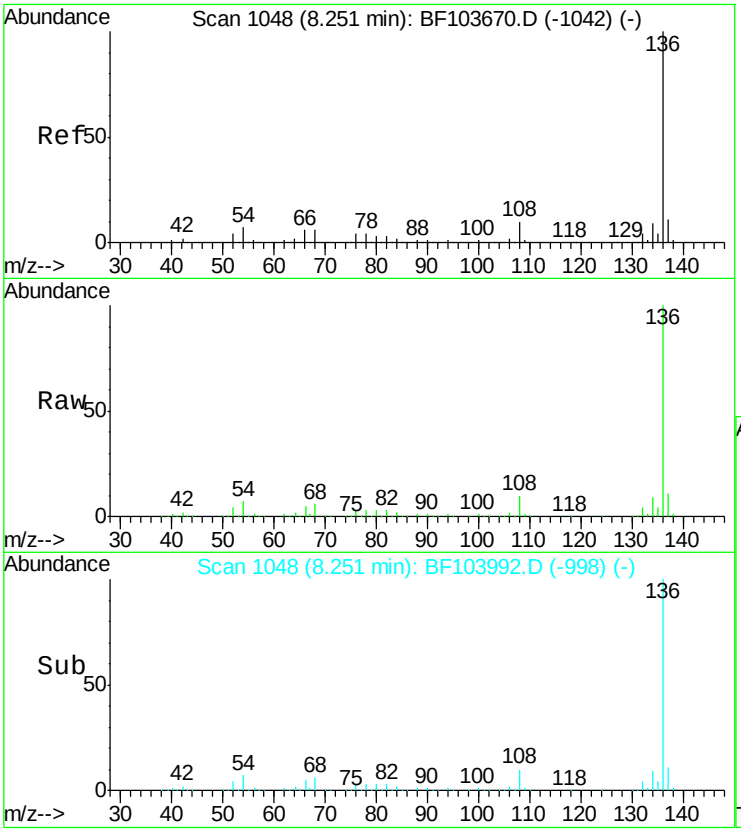


#19
n-Nitroso-di-n-propylamine
Concen: 10.615 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion: 70 Resp: 83319

Ion	Ratio	Lower	Upper
70	100		
42	42.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



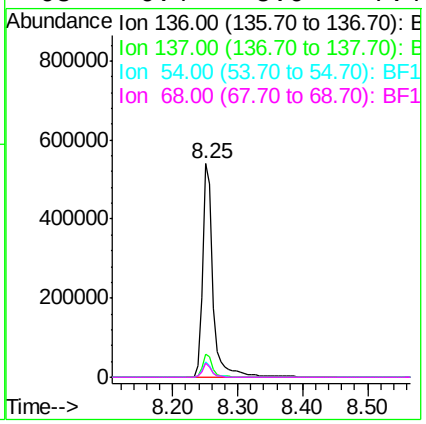


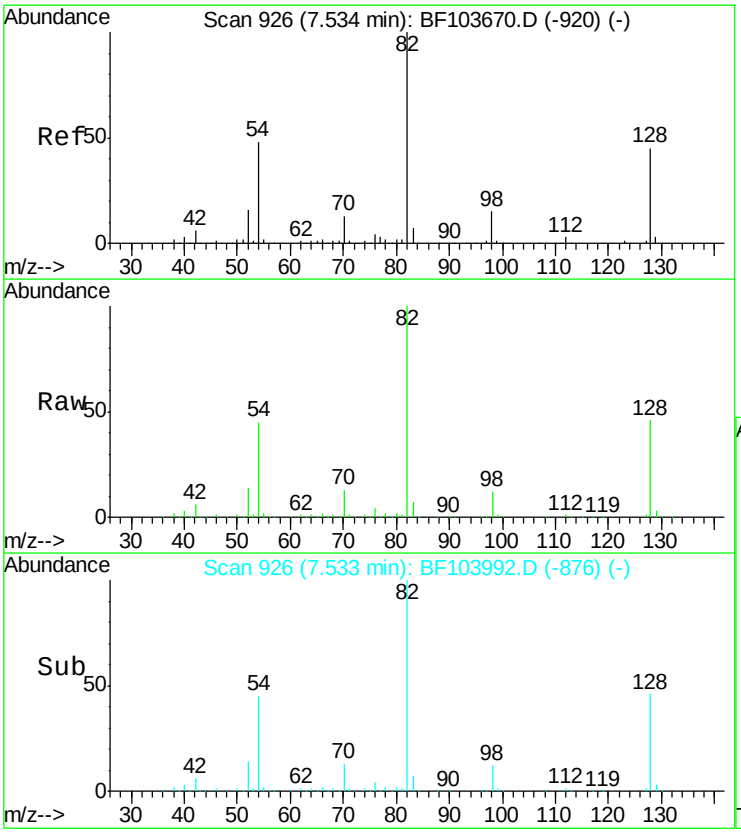
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 599891

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	6.6	9.8
68	6.4	5.0	7.4

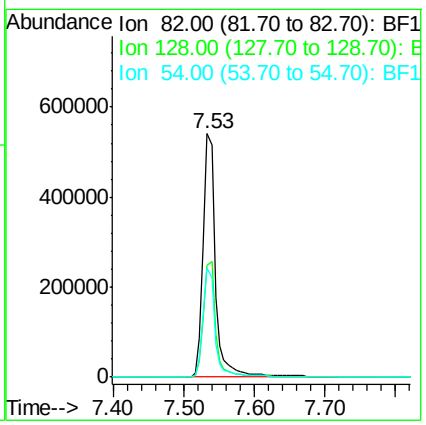


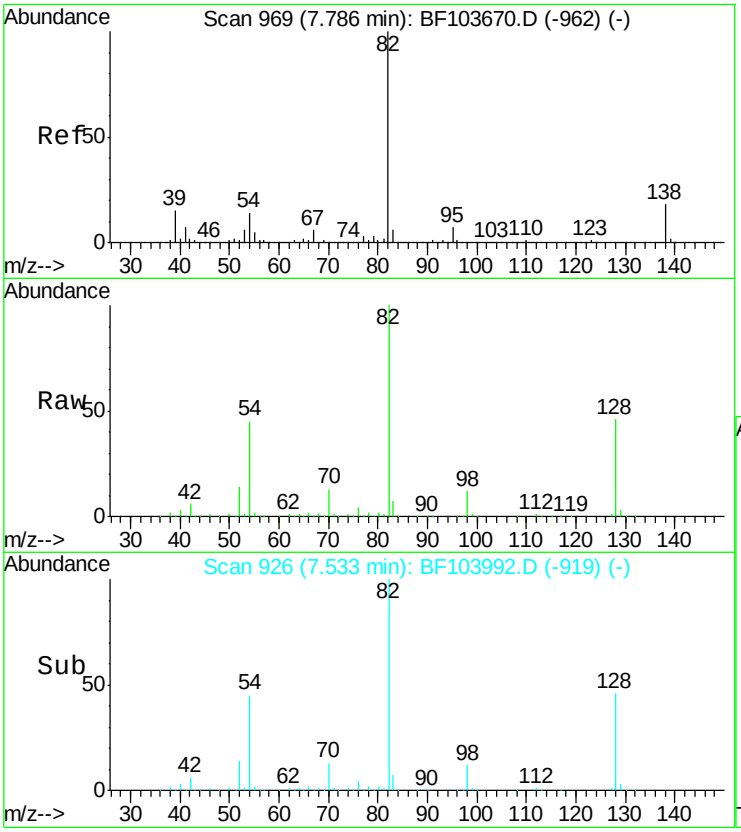


#23
Nitrobenzene-d5
Concen: 77.639 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion: 82 Resp: 667879

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	44.9	41.4	62.2



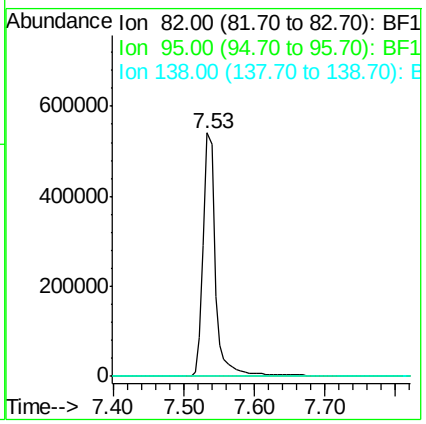


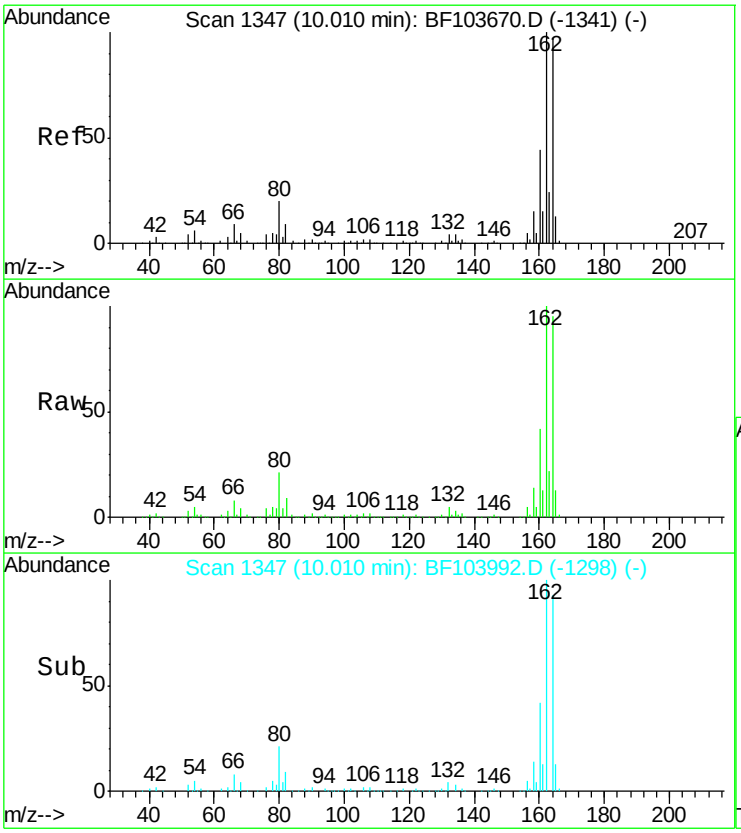
#25
Isophorone
Concen: 33.538 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 667879

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

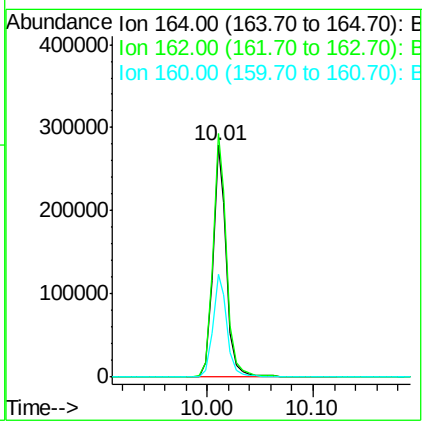


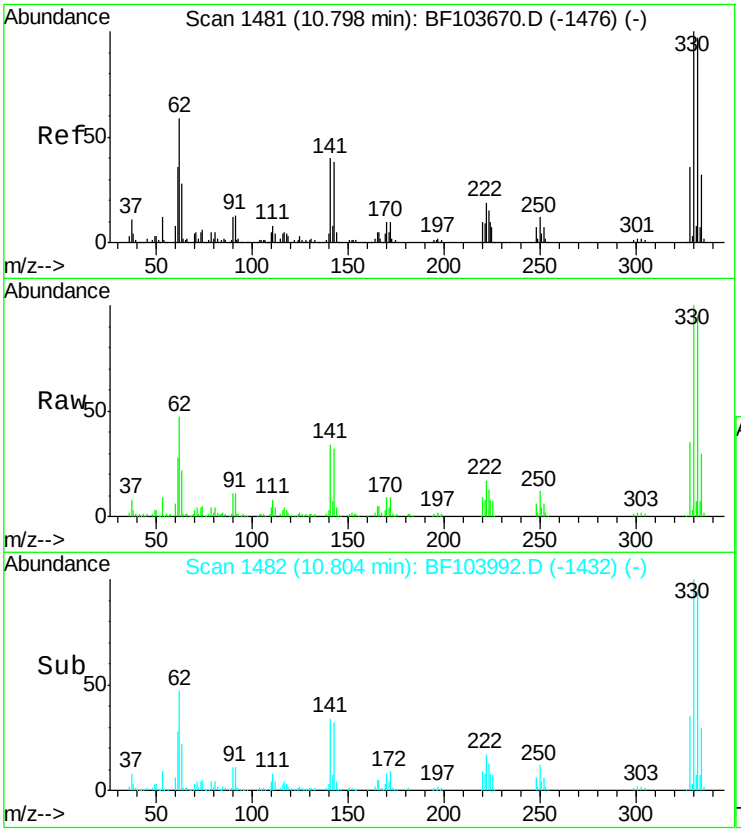


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:164 Resp: 252384

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	44.3	38.3	57.5



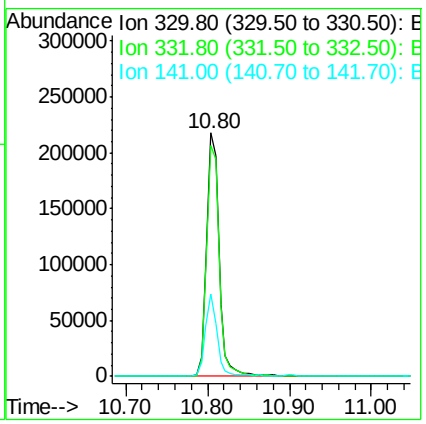


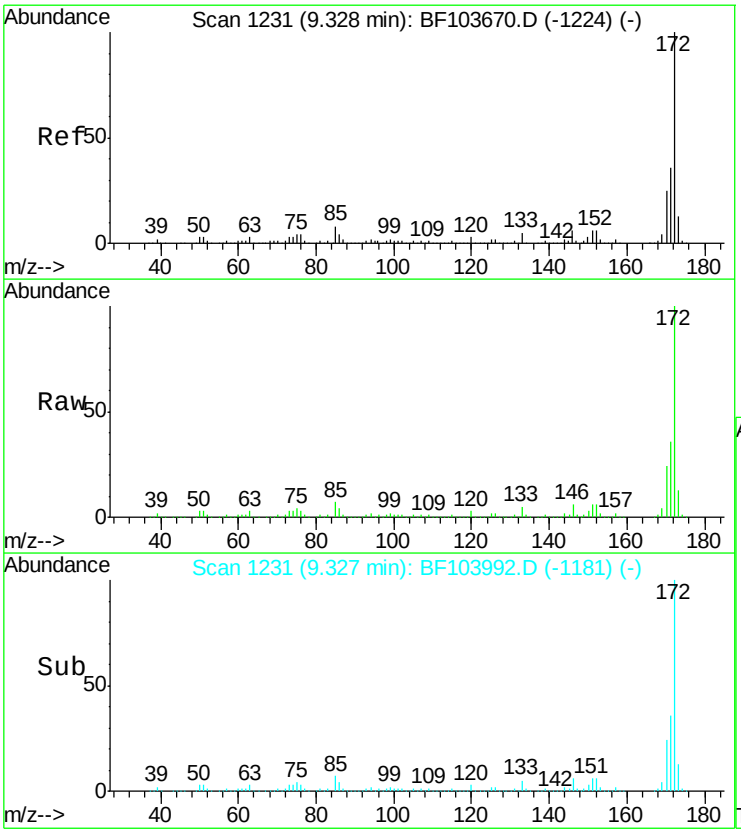
#41
2,4,6-Tribromophenol
Concen: 106.157 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 230363

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.7	29.9	44.9

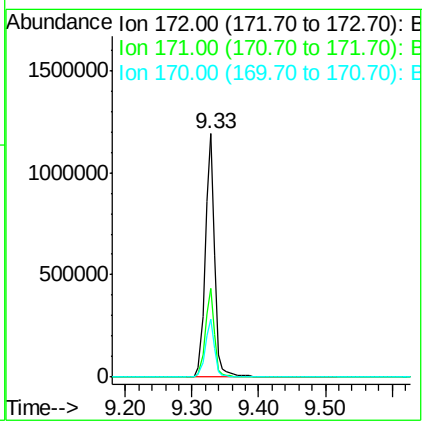


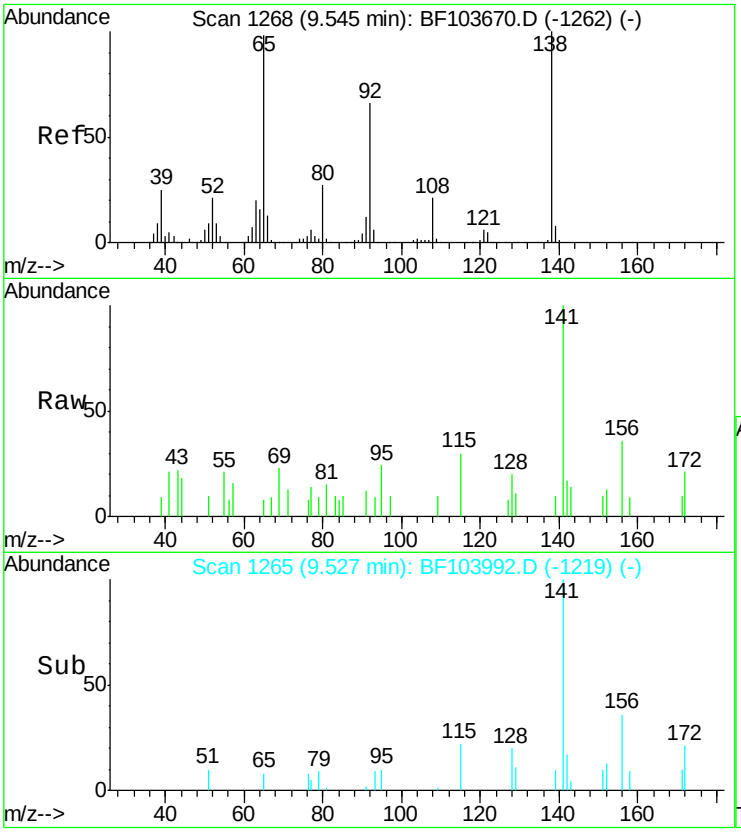


#44
2-Fluorobiphenyl
Concen: 73.262 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:172 Resp: 1159146

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.6	19.6	29.4



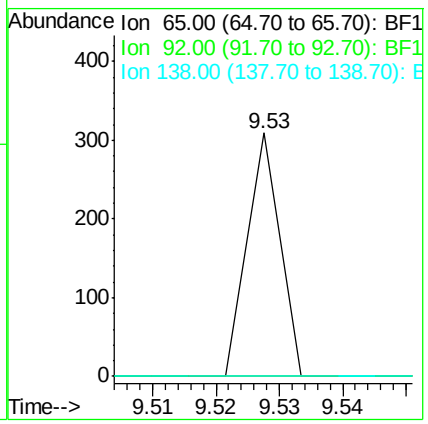


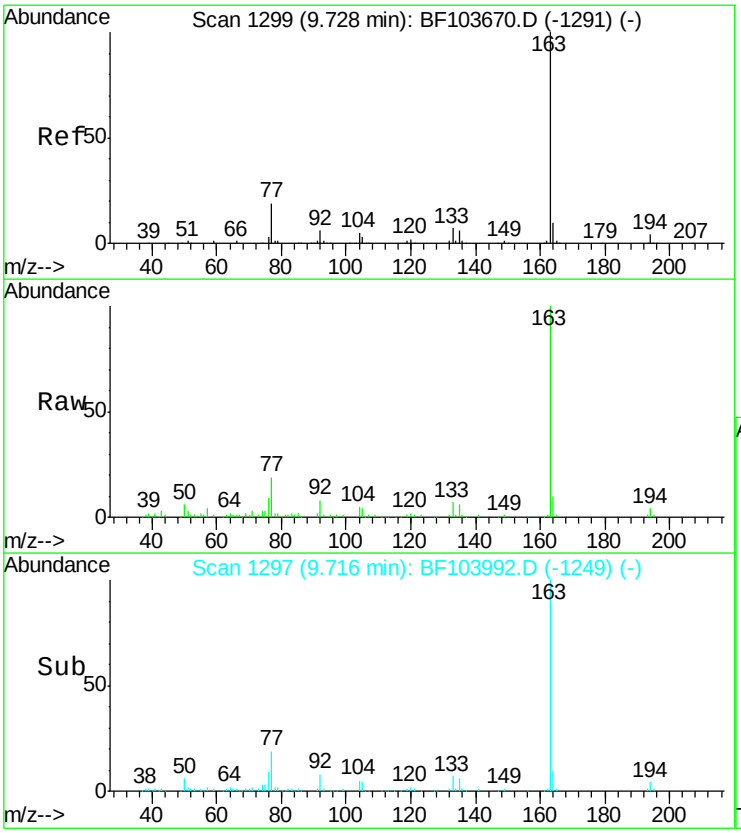
#47
2-Nitroaniline
Concen: 6.836 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 109

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

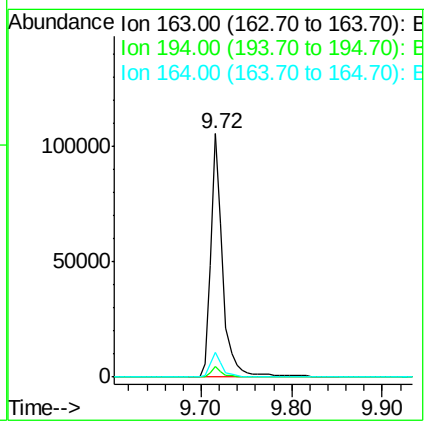


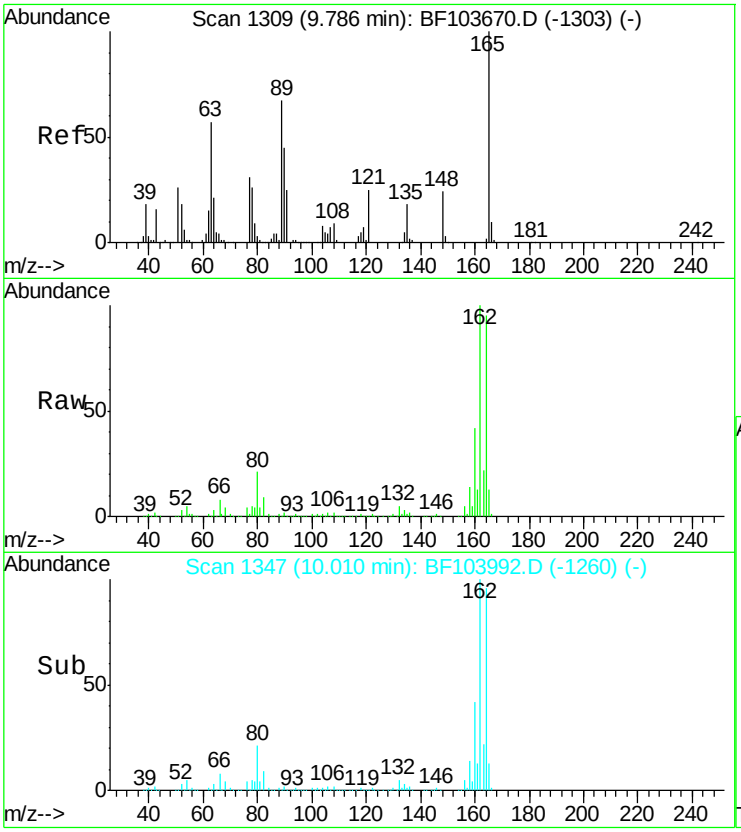


#49
Dimethylphthalate
Concen: 5.140 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:163 Resp: 98973

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.3	8.2	12.2



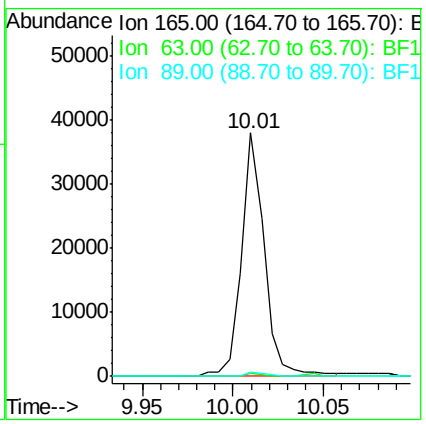


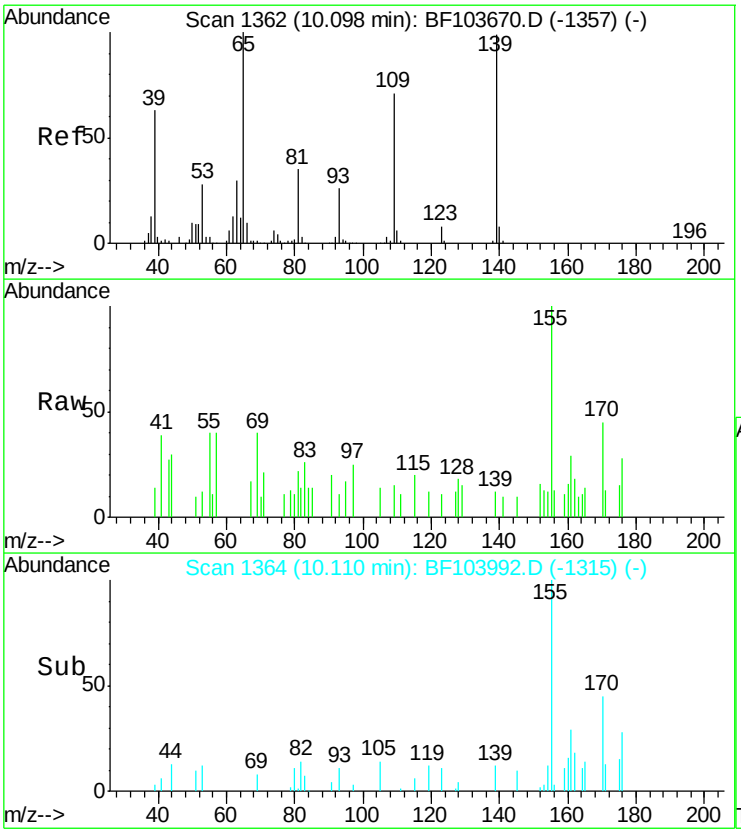
#50
2,6-Dinitrotoluene
Concen: 12.158 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33204

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

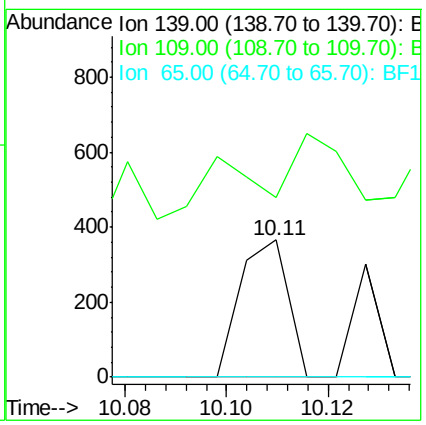


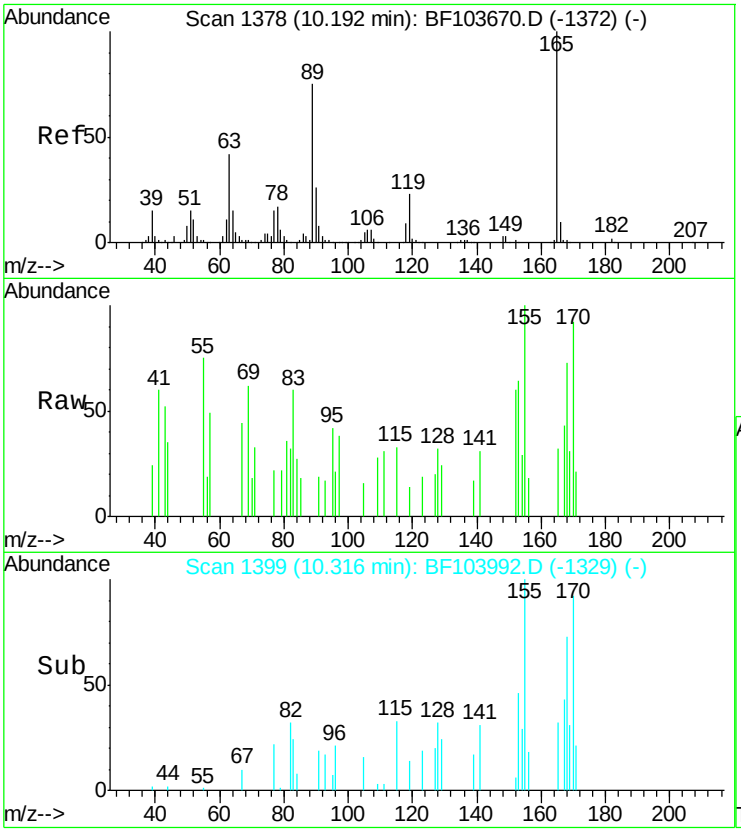


#55
4-Nitrophenol
Concen: 5.033 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:139 Resp: 239

Ion	Ratio	Lower	Upper
139	100		
109	131.0	48.4	88.4#
65	0.0	72.6	112.6#



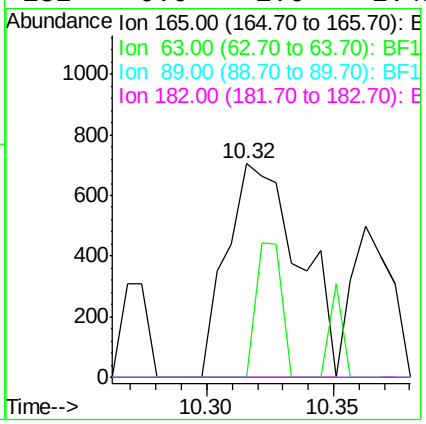


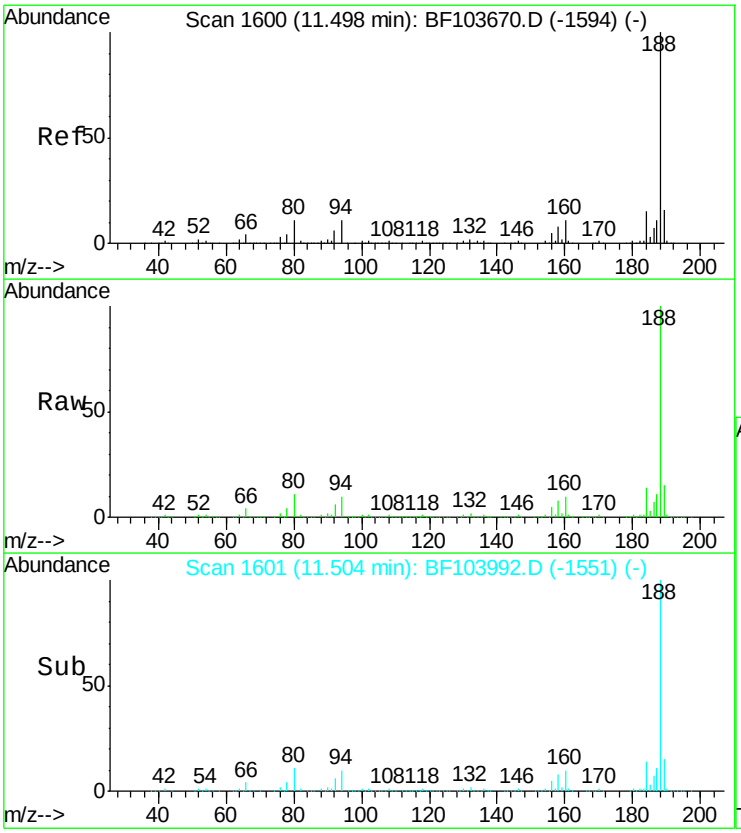
#56
2,4-Dinitrotoluene
Concen: 6.470 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.11 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1392

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

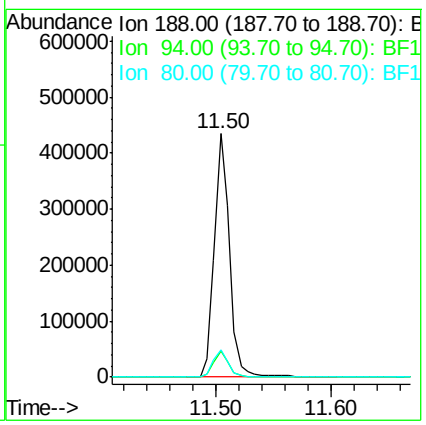


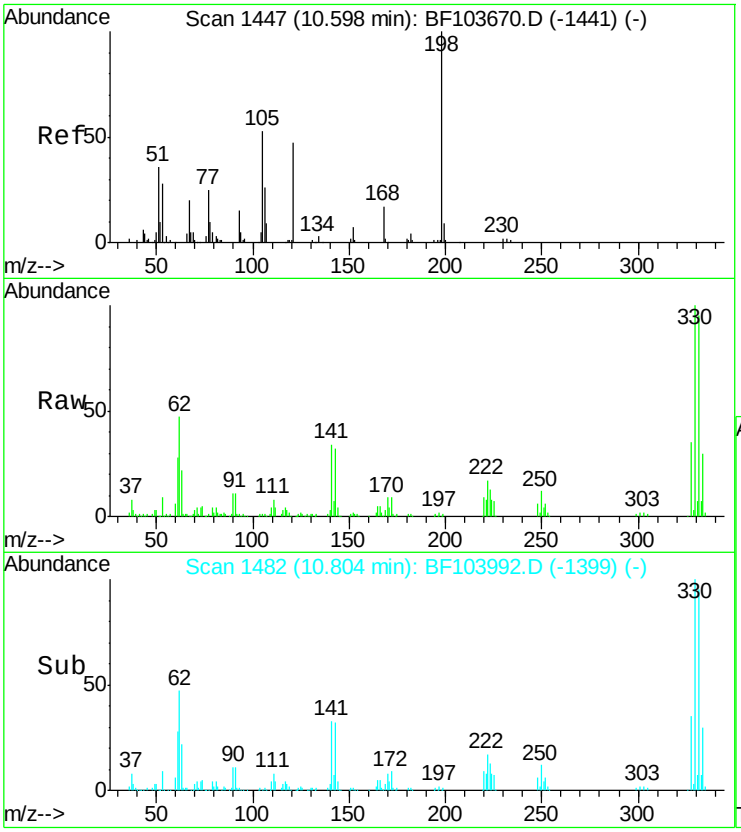


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:188 Resp: 394322

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8



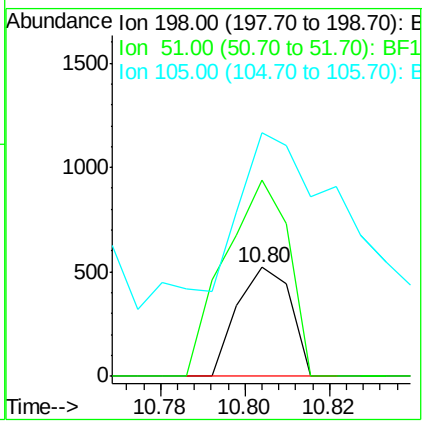


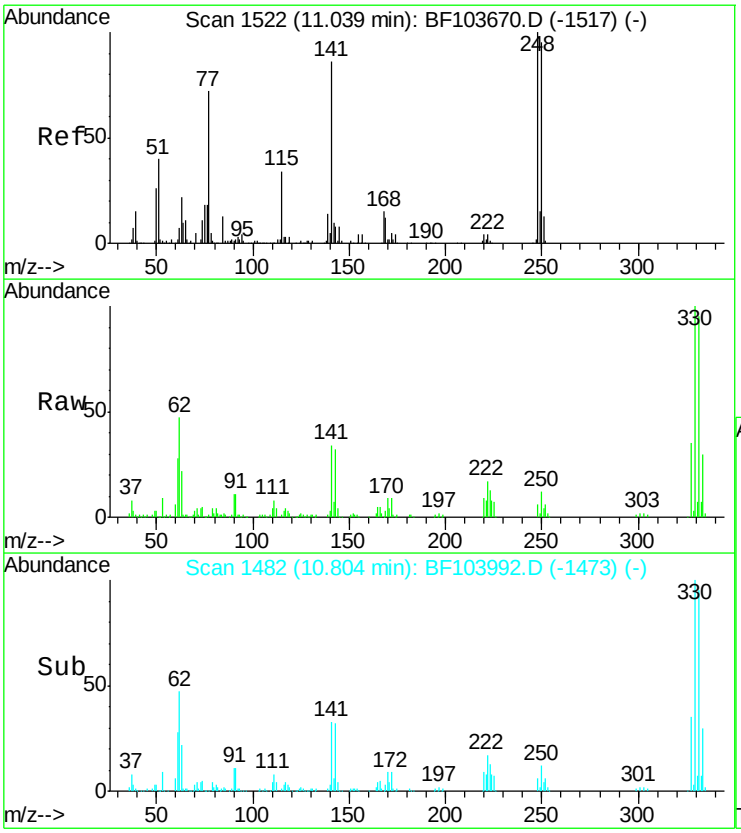
#64
4,6-Dinitro-2-methylphenol
Concen: 8.466 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 460

Ion	Ratio	Lower	Upper
198	100		
51	180.4	37.7	77.7#
105	224.2	36.3	76.3#

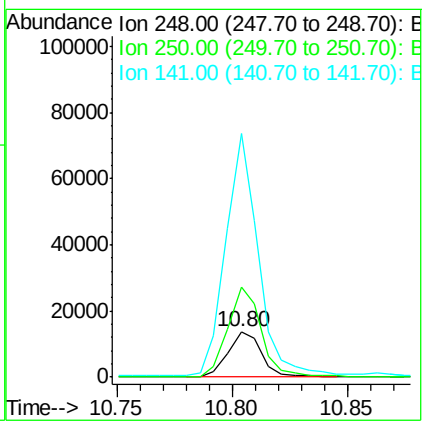


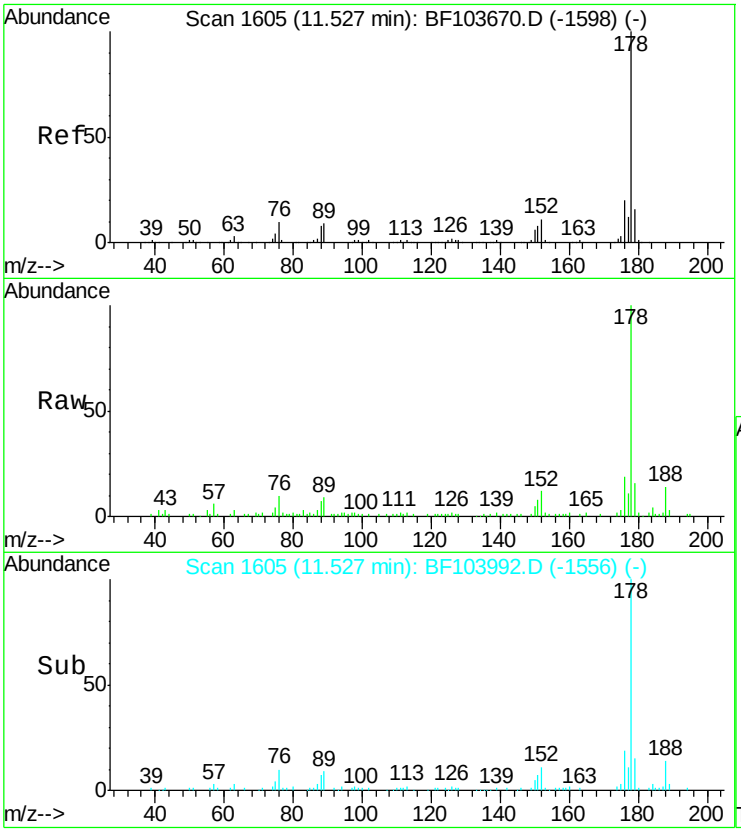


#66
4-Bromophenyl-phenylether
Concen: 3.416 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:248 Resp: 13830

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	534.1	74.4	111.6#



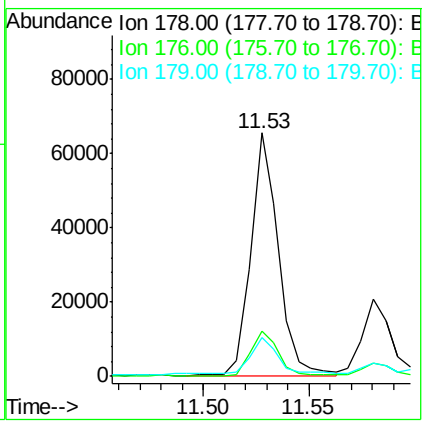


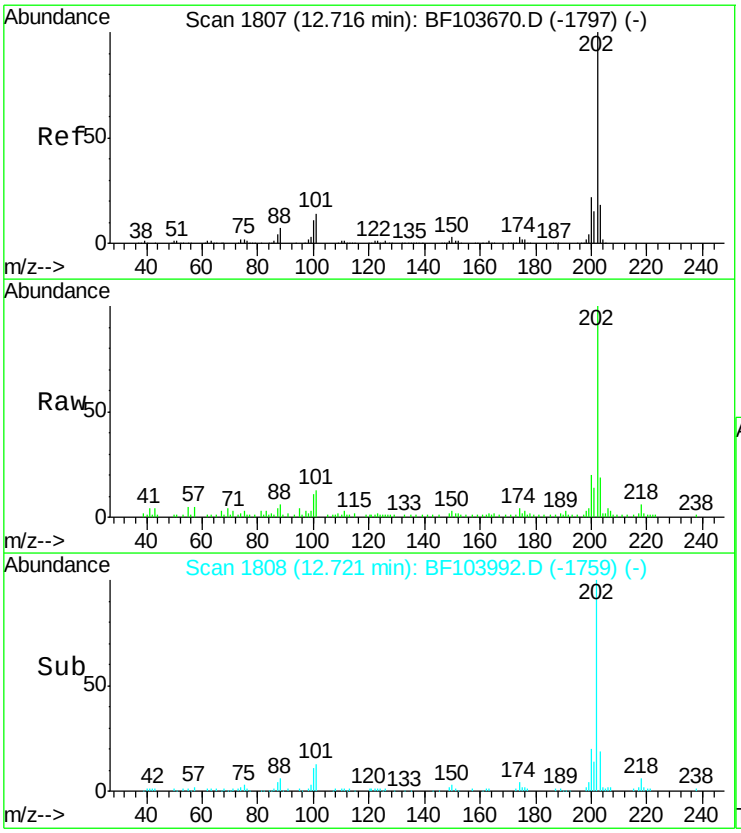
#70
Phenanthrene
Concen: 2.778 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 59925

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.9	13.0	19.6

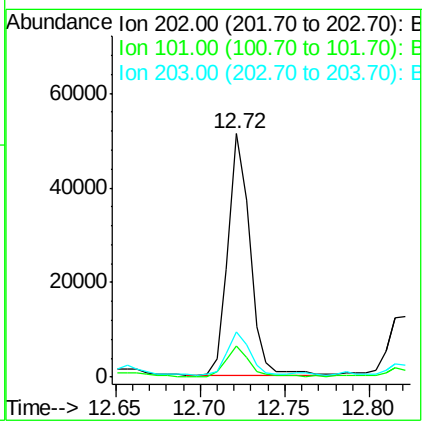


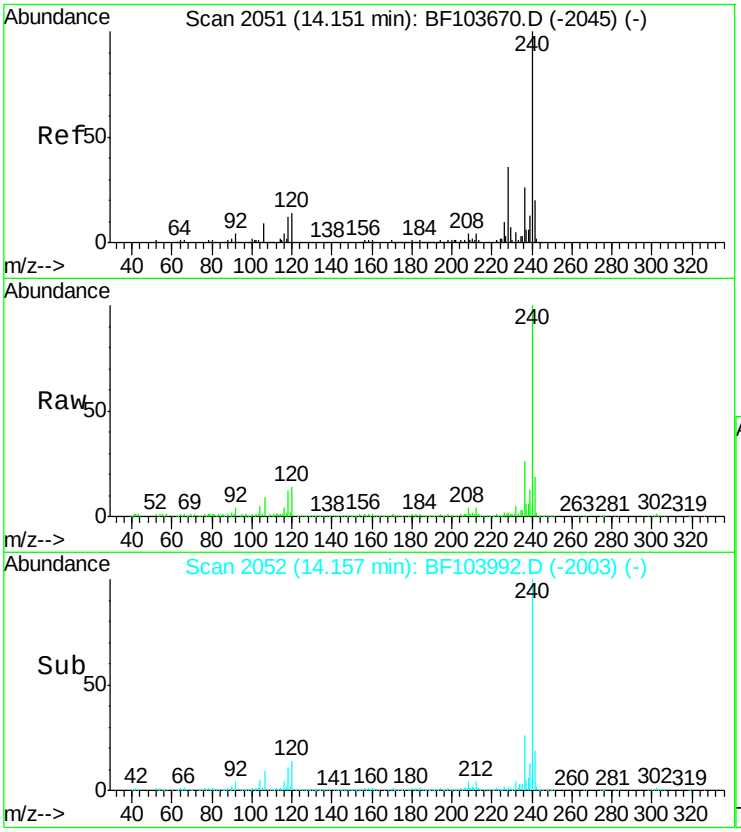


#74
Fluoranthene
Concen: 2.077 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:202 Resp: 46160

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	18.6	0.0	38.1



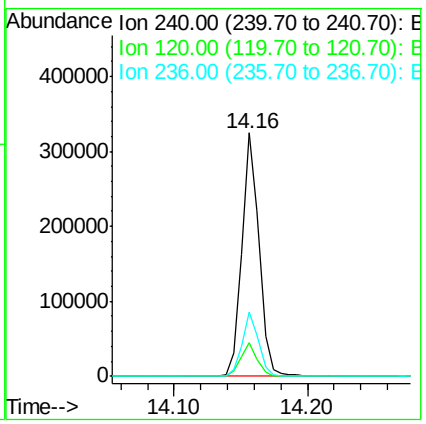


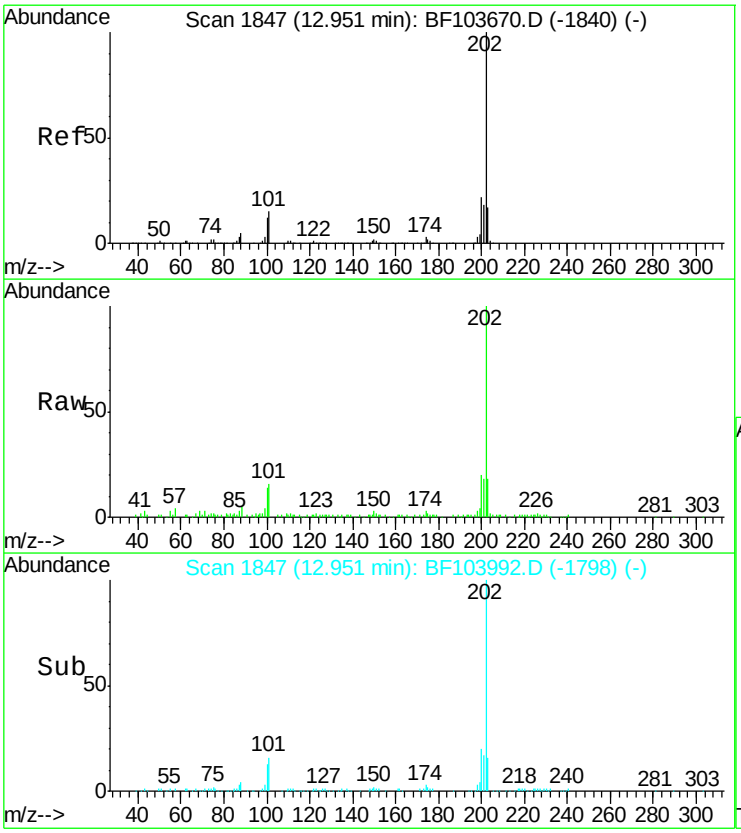
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 289070

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.3	20.7	31.1

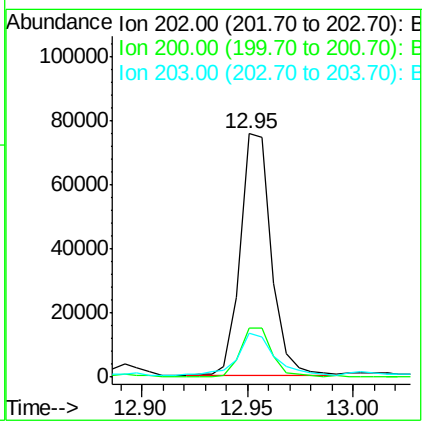


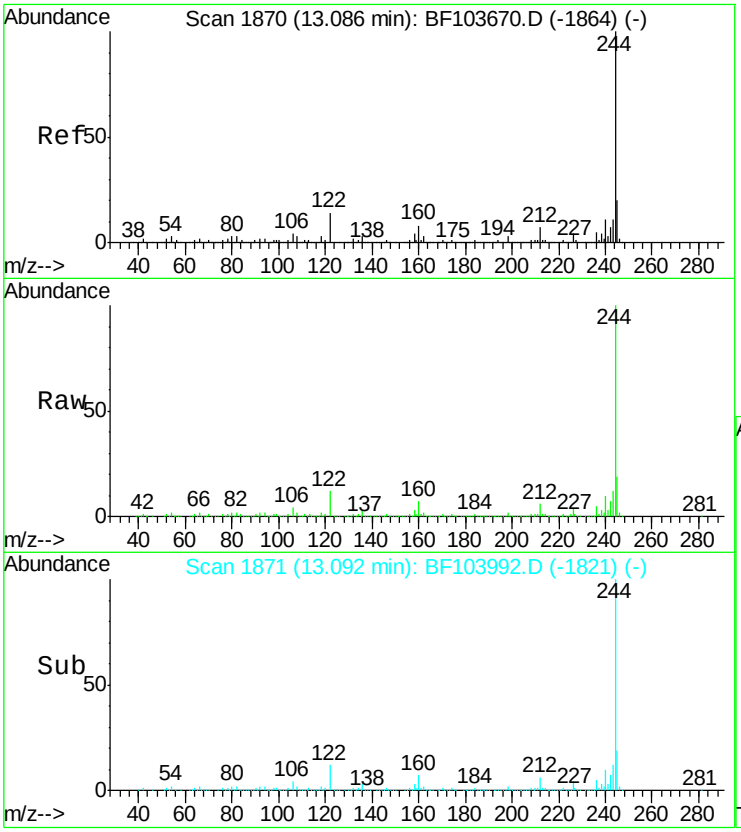


#77
Pyrene
Concen: 3.605 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:202 Resp: 76530

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.9	14.3	21.5



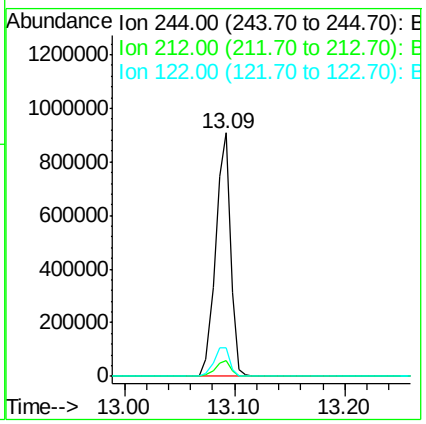


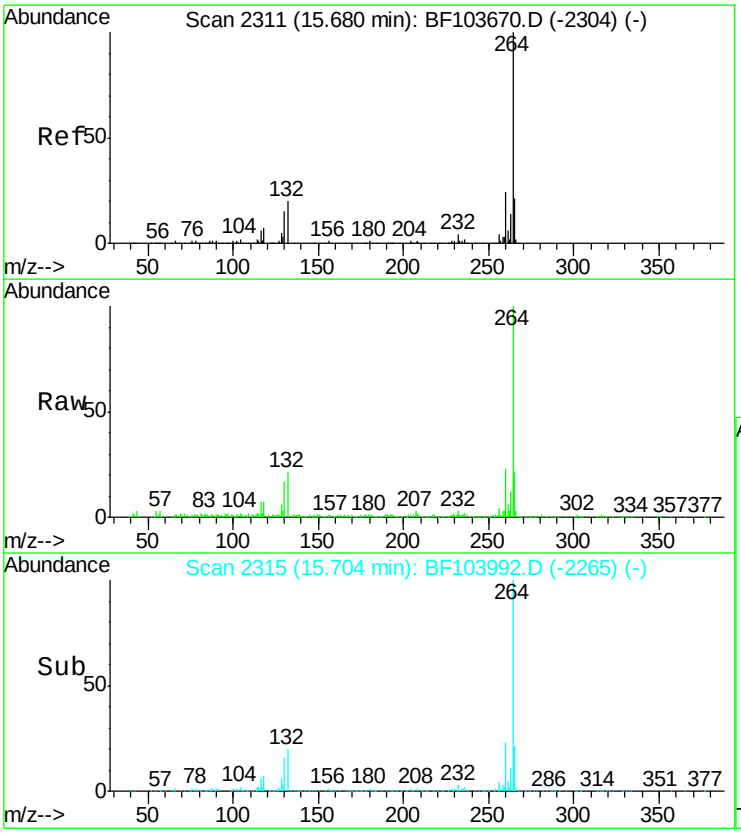
#78
Terphenyl-d14
Concen: 68.488 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103992.D
Acq: 28 Mar 2018 1:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 852934

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.7	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: BF103992.D
Acq: 28 Mar 2018 1:10

Tgt Ion:264 Resp: 238160

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.8	17.5	26.3