Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107602.D
Acq On : 23 Jul 2018 21:34
Operator : JU/SJ
Sample : J4101-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1

Quant Time: Jul 24 03:22:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	243502	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	852262	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	321442	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	652026	20.00	ng		0.00
75) Chrysene-d12	14.17	240	524410	20.00	ng		0.00
86) Perylene-d12	15.71	264	404155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	992443	65.53	ng		0.00
7) Phenol-d6	6.61	99	1192060	65.55	ng		0.00
23) Nitrobenzene-d5	7.54	82	685579	54.29	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	278910	76.30	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1210204	59.06	ng		0.00
78) Terphenyl-d14	13.10	244	1195385	58.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	21261	Below Cal			90
19) n-Nitroso-di-n-propylamine	7.54	70	88665	7.547	ng	#	78
25) Isophorone	7.54	82	685636	25.428	ng	#	64
49) Dimethylphthalate	9.72	163	105116	4.339	ng		98
50) 2,6-Dinitrotoluene	10.02	165	40441	8.408	ng	#	25
56) 2,4-Dinitrotoluene	10.02	165	40441	6.965	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.81	198	421	8.790	ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	15963	2.080	ng	#	1
70) Phenanthrene	11.54	178	164726	5.184	ng		97
73) Di-n-butylphthalate	12.06	149	24405	Below Cal			99
74) Fluoranthene	12.74	202	518712	15.214	ng		94
77) Pyrene	12.97	202	416464	11.610	ng		98
80) Benzo(a)anthracene	14.15	228	217182	7.067	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	159	Below Cal		#	54
82) Chrysene	14.19	228	223942	7.586	ng		97
87) Benzo(b)fluoranthene	15.25	252	296104	13.387	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	296104	13.664	ng		98
89) Benzo(a)pyrene	15.64	252	130240	6.437	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	70202	4.069	ng		96

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

Quantitation Report (Not Reviewed)

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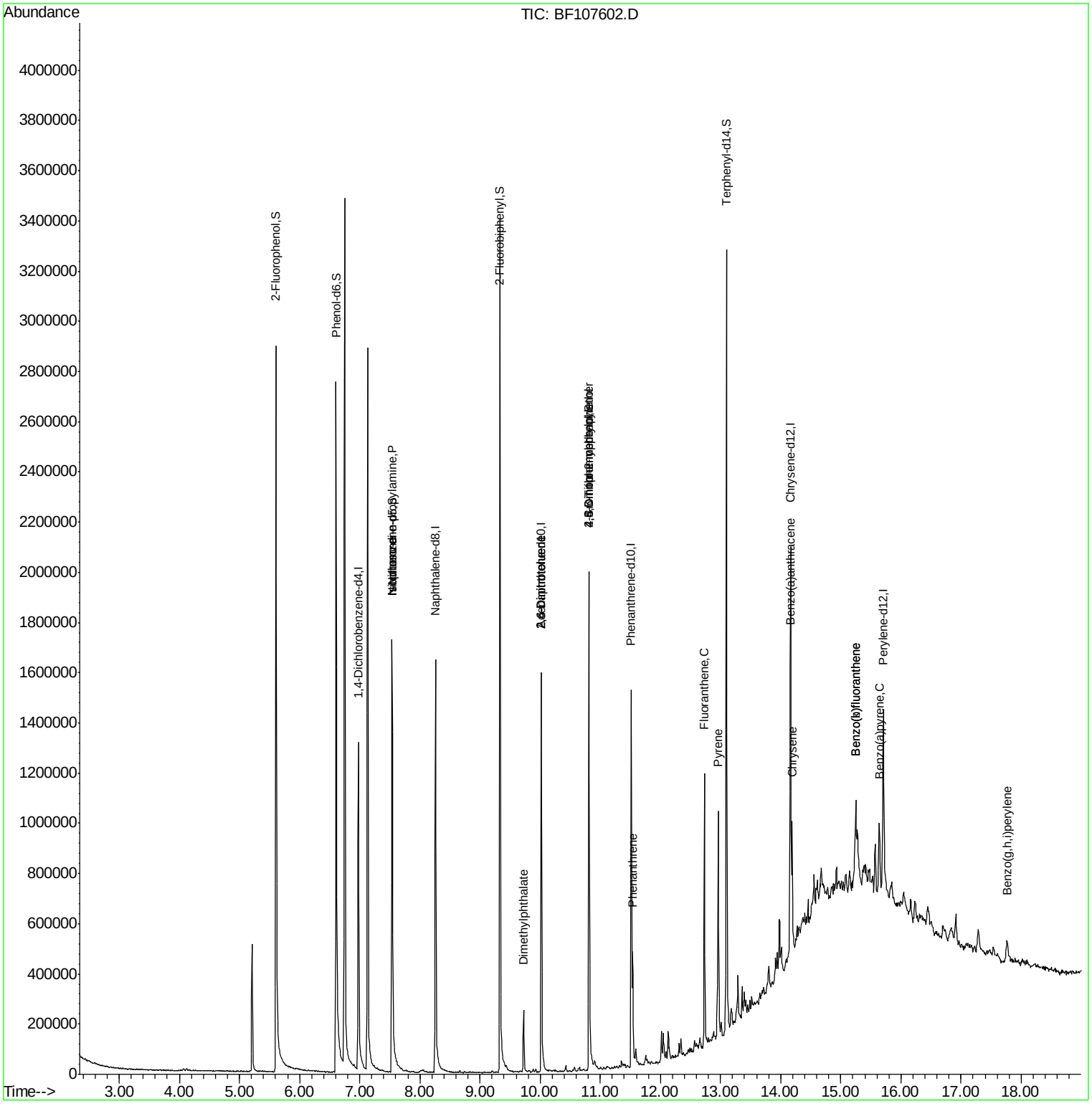
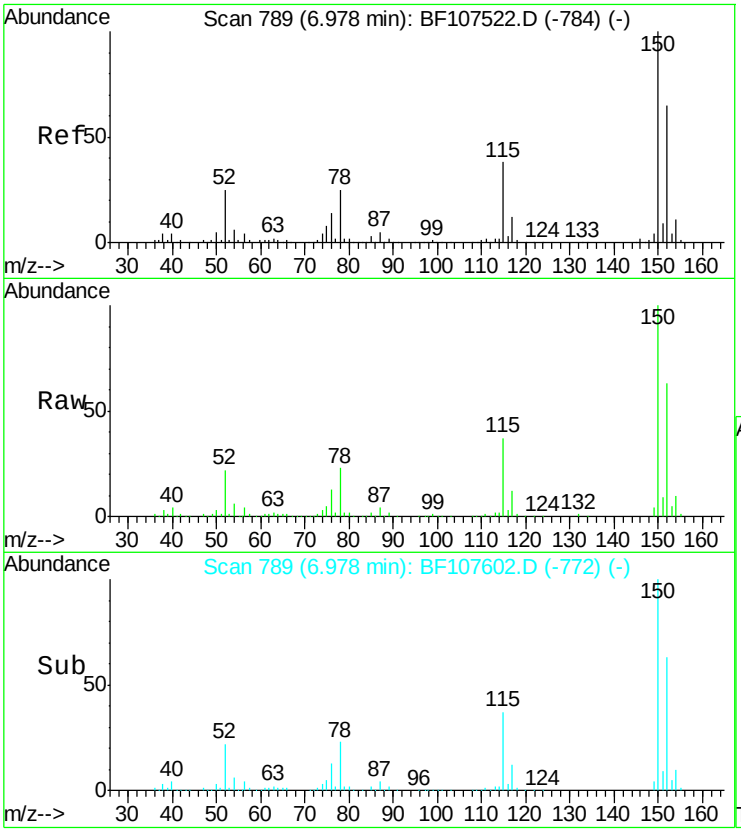


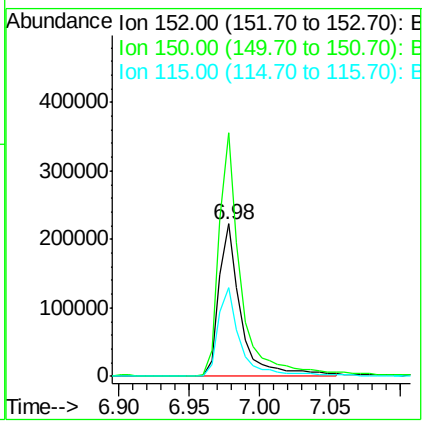


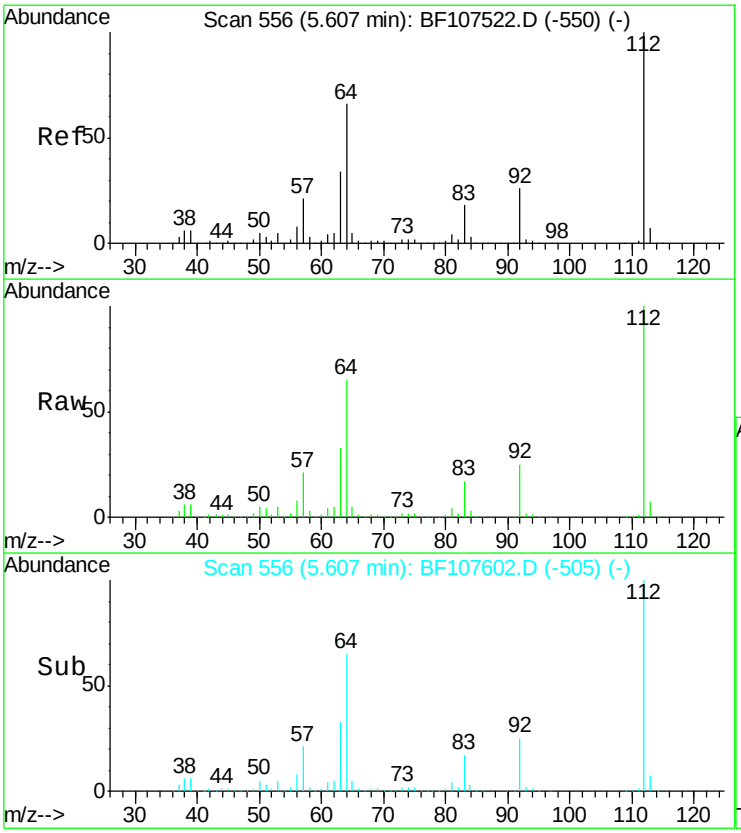
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 243502

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	58.3	50.1	75.1

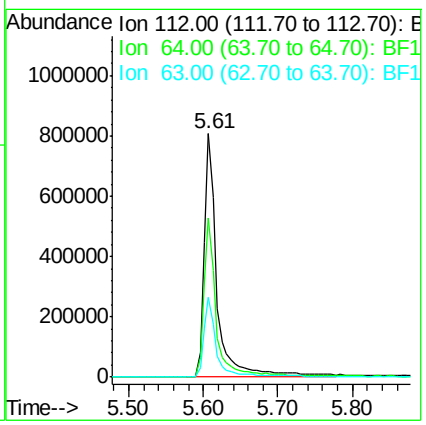


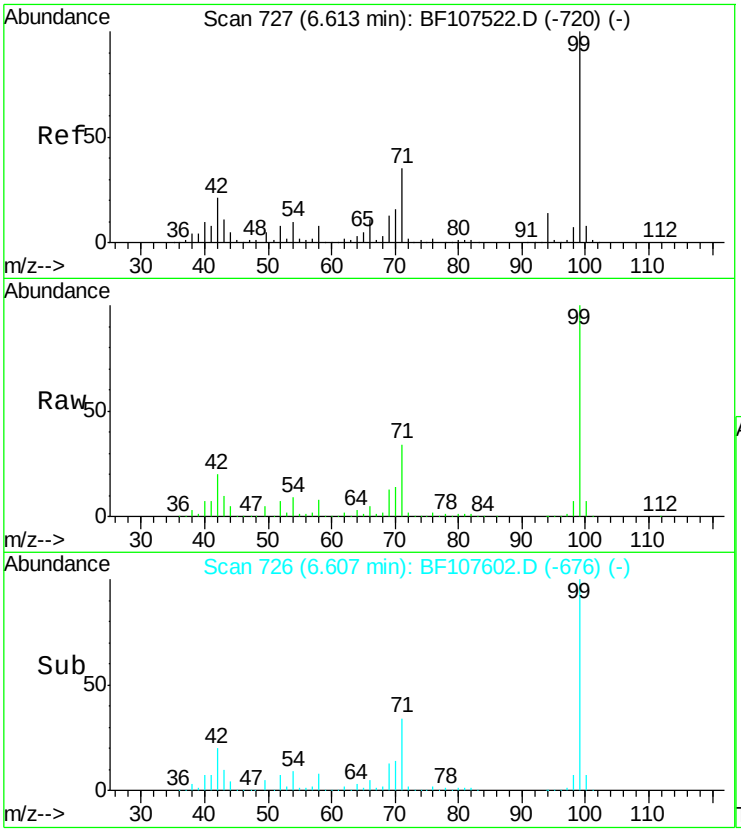


#5
2-Fluorophenol
Concen: 65.530 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:112 Resp: 992443

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	32.8	23.7	35.5



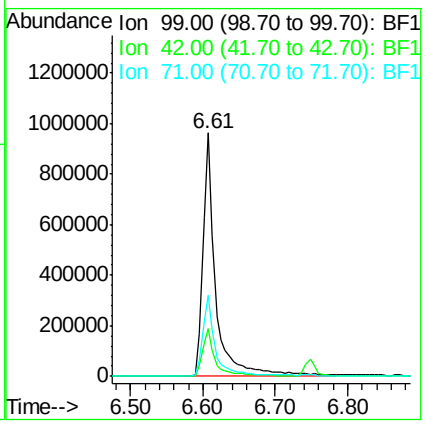


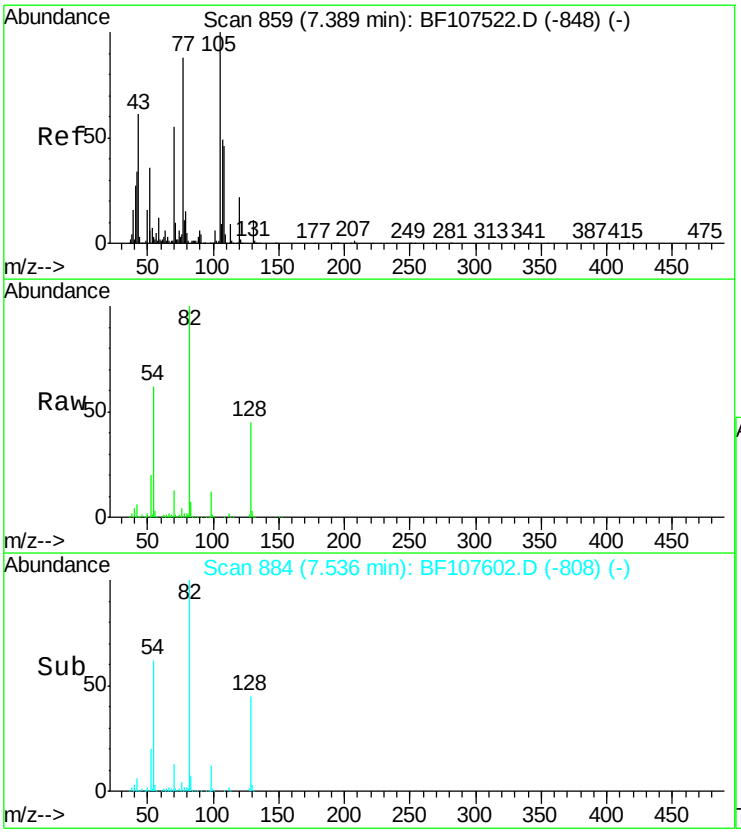
#7
Phenol-d6
Concen: 65.551 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 1192060

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	33.5	25.4	38.0

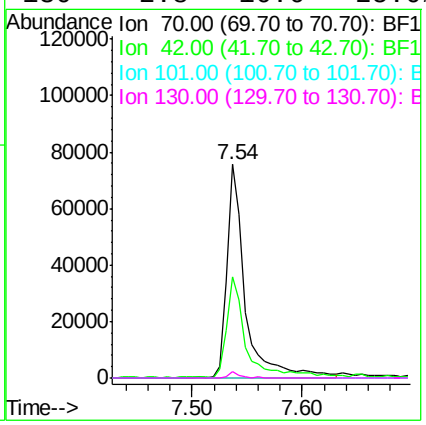


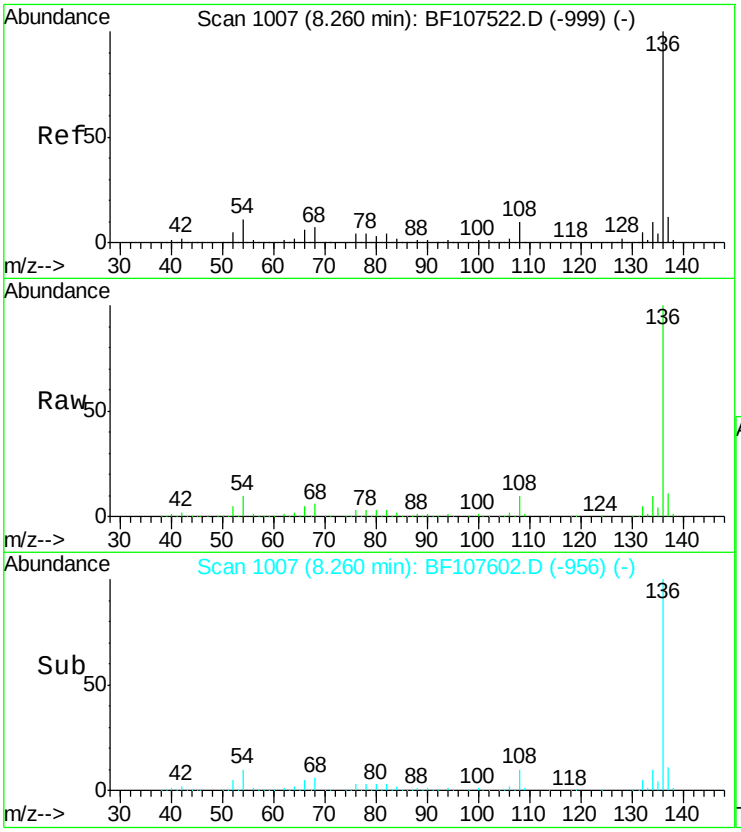


#19
n-Nitroso-di-n-propylamine
Concen: 7.547 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion: 70 Resp: 88665

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#



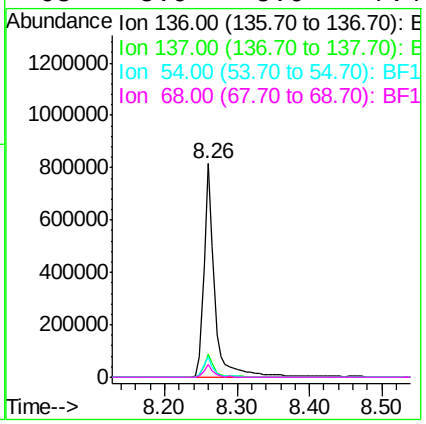


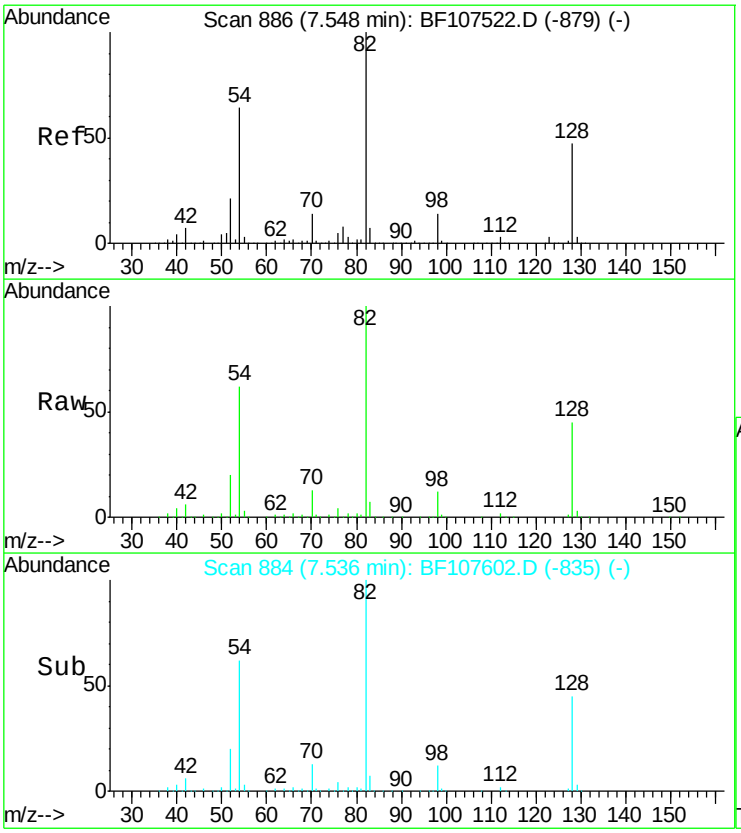
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 852262

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.8	6.6	9.8
68	5.9	5.0	7.4

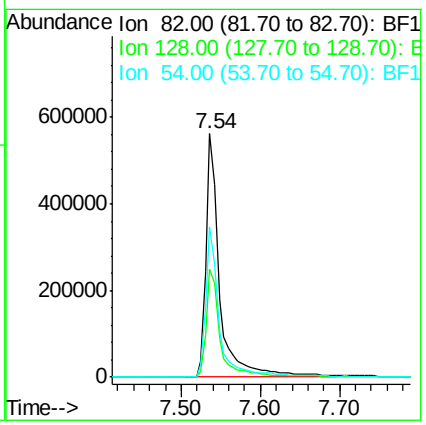


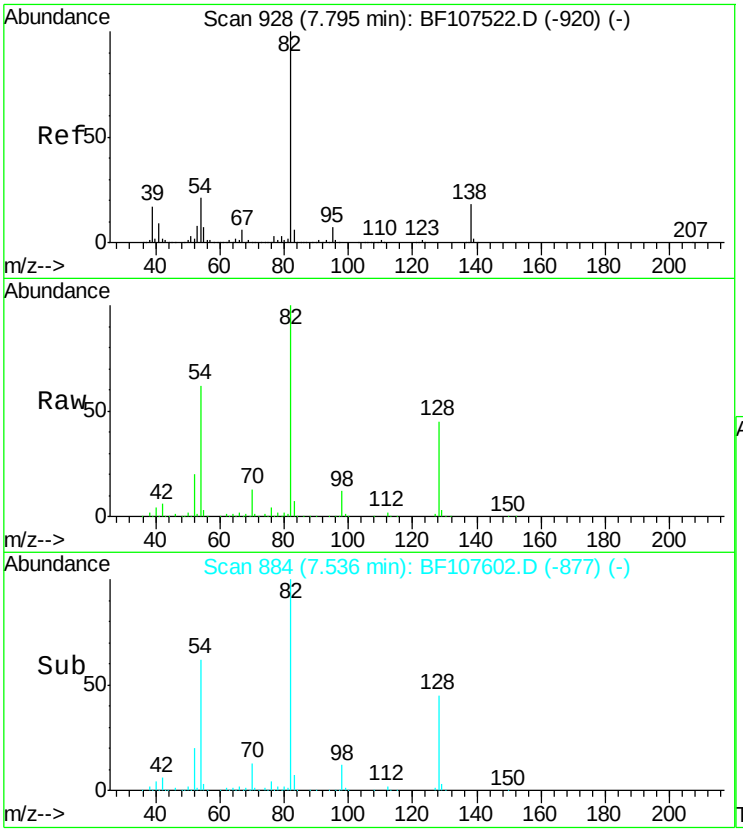


#23
Nitrobenzene-d5
Concen: 54.289 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion: 82 Resp: 685579

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	61.7	41.4	62.2



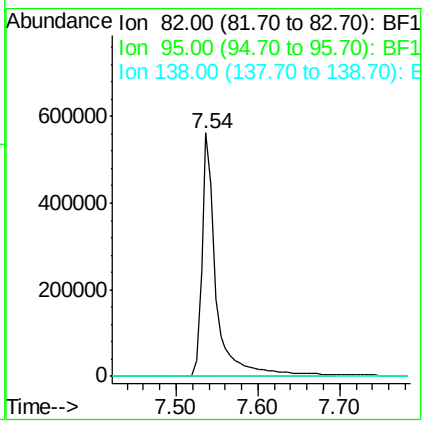


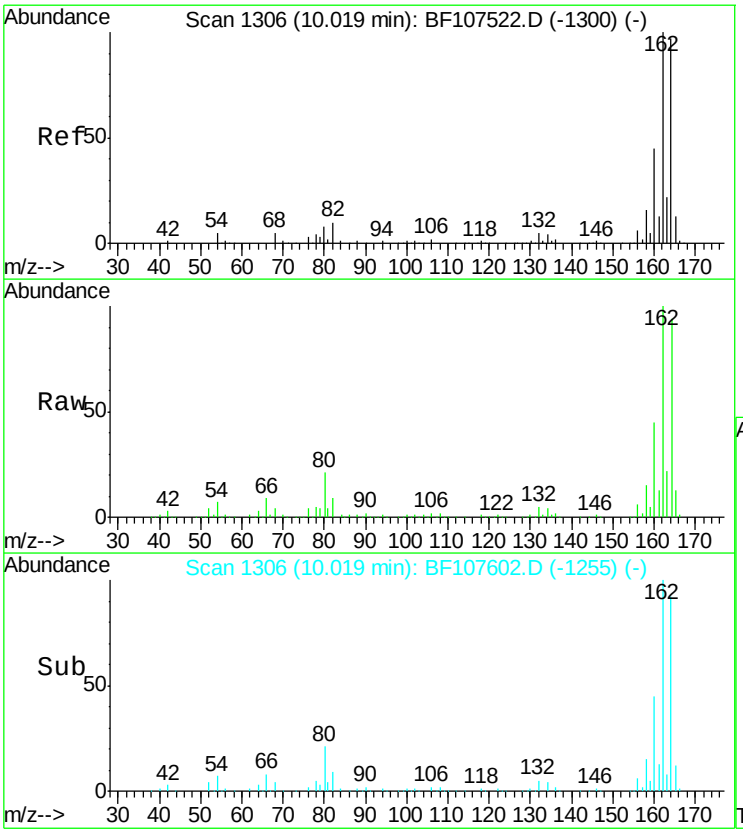
#25
Isophorone
Concen: 25.428 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 685636

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

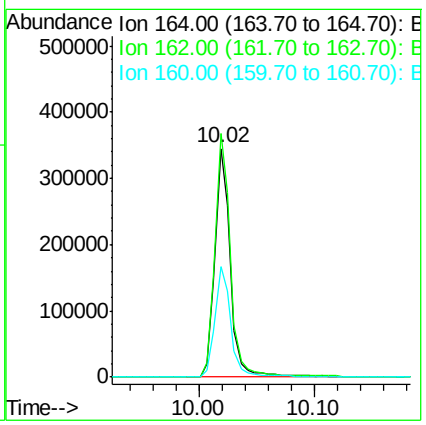


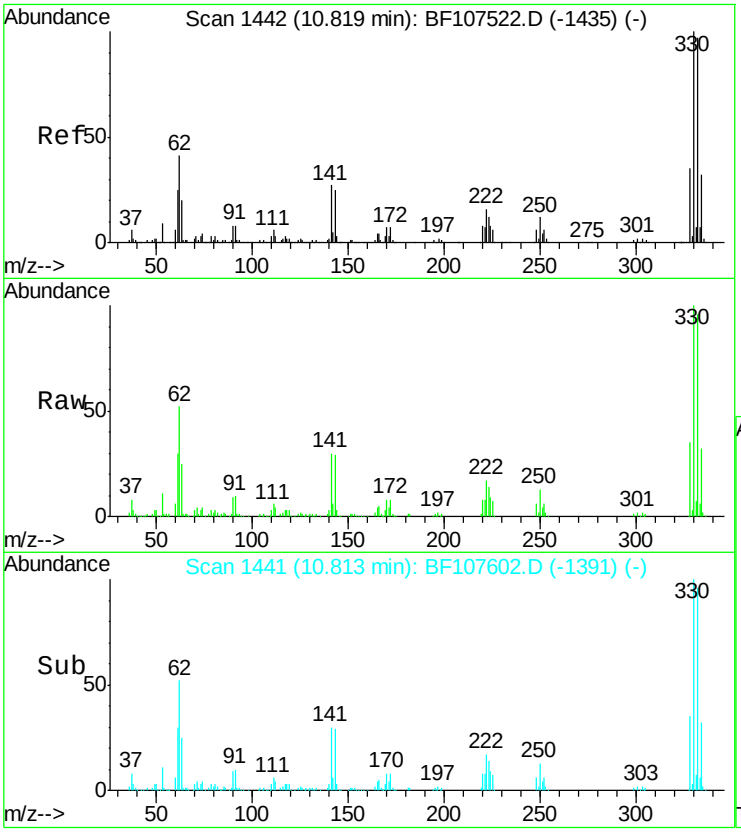


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:164 Resp: 321442

Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	48.5	38.3	57.5



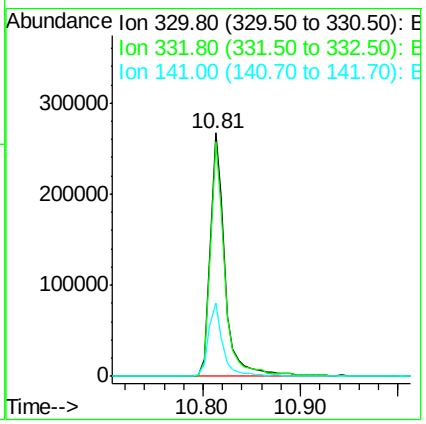


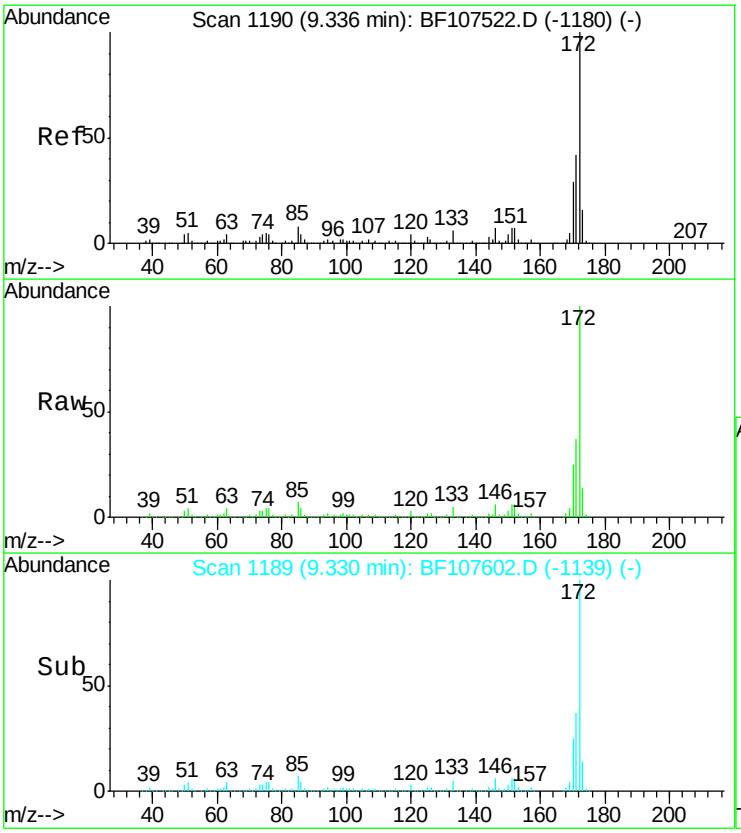
#41
2,4,6-Tribromophenol
Concen: 76.303 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 278910

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.3	29.9	44.9#

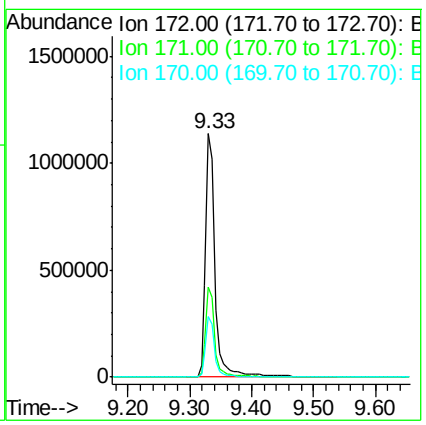


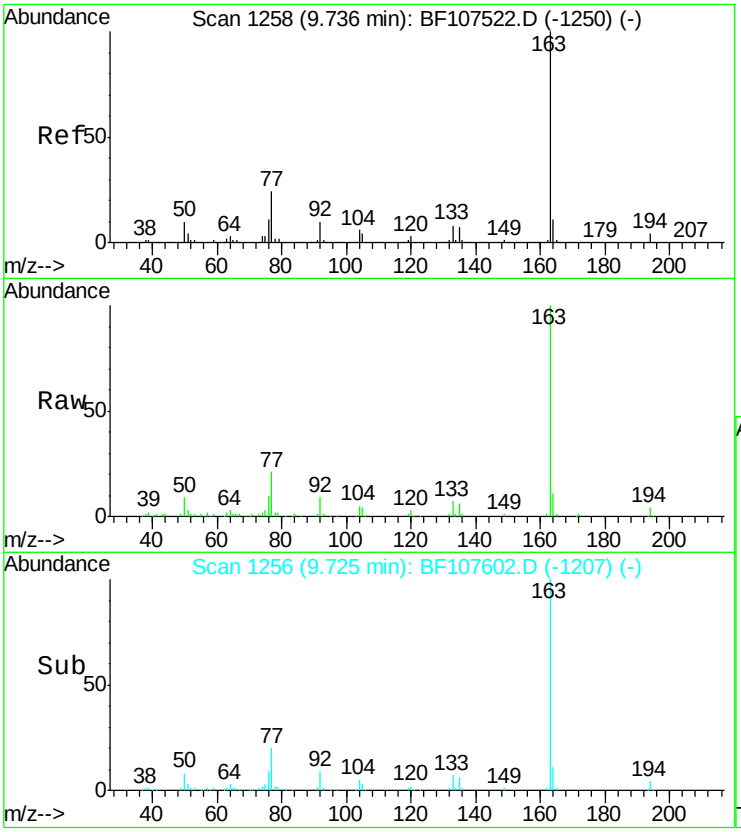


#44
2-Fluorobiphenyl
Concen: 59.056 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:172 Resp: 1210204

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4



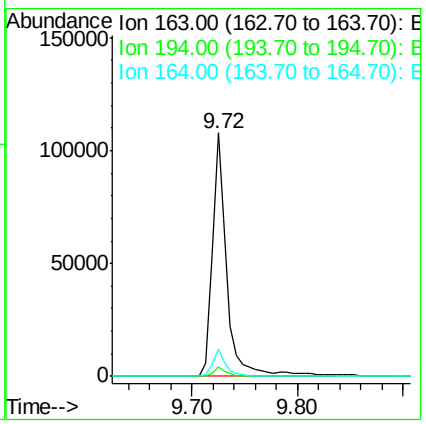


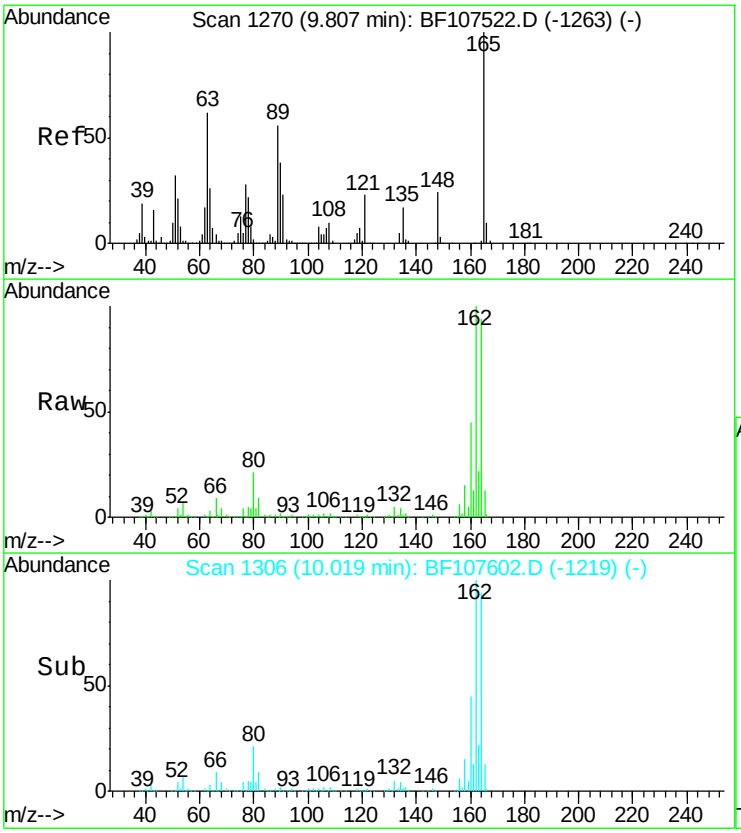
#49
Dimethylphthalate
Concen: 4.339 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:163 Resp: 105116

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.1	8.2	12.2

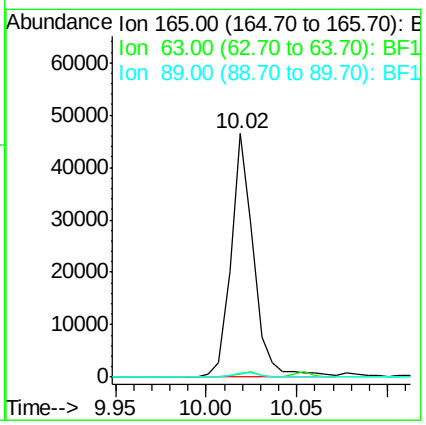


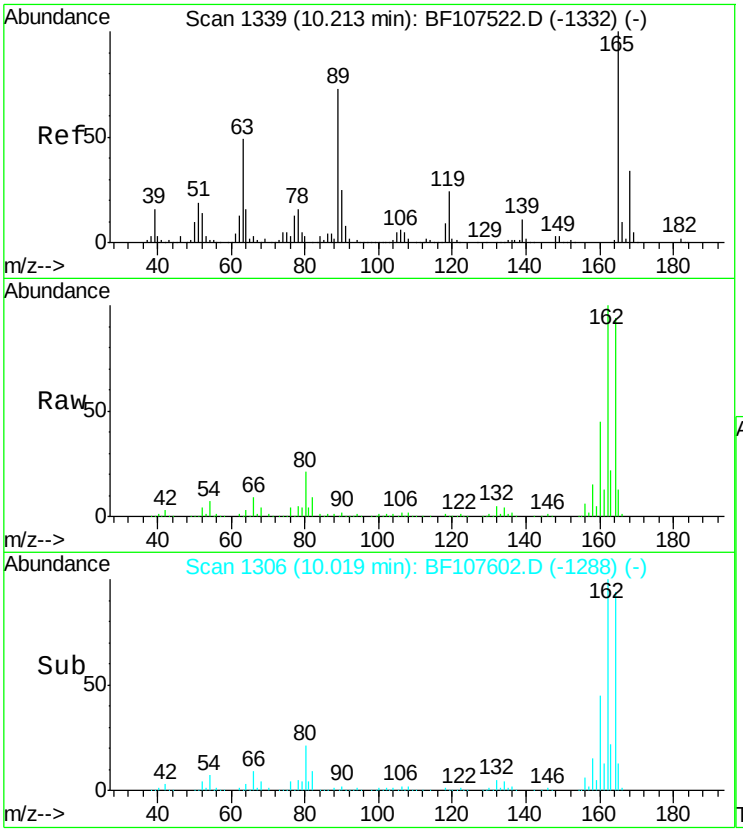


#50
2,6-Dinitrotoluene
Concen: 8.408 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:165 Resp: 40441

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.7	44.0	66.0#



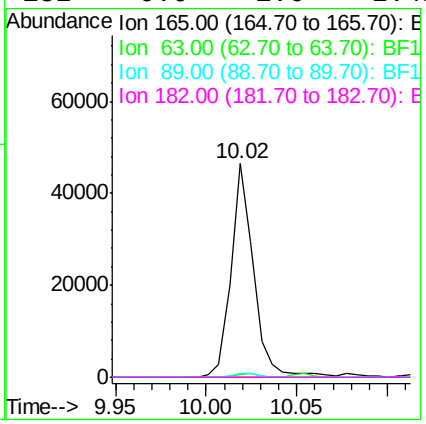


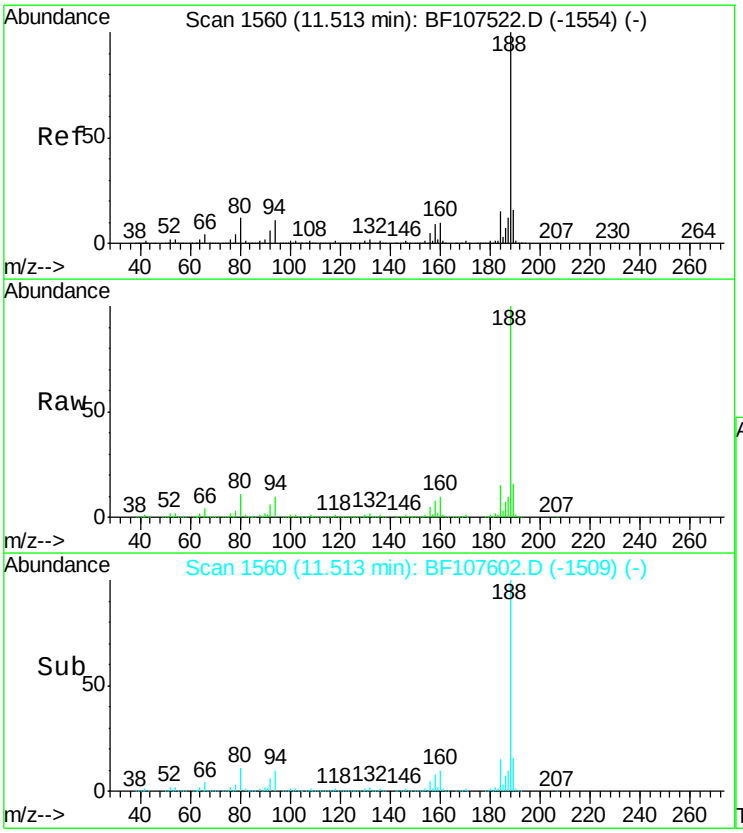
#56
2,4-Dinitrotoluene
Concen: 6.965 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 40441

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

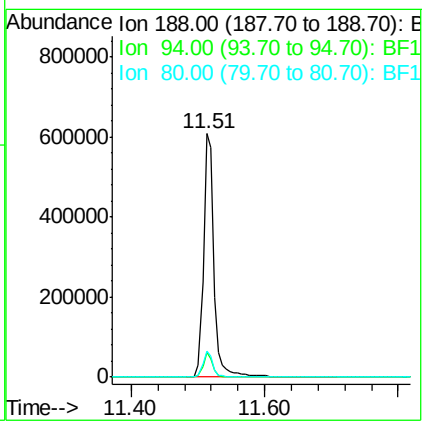


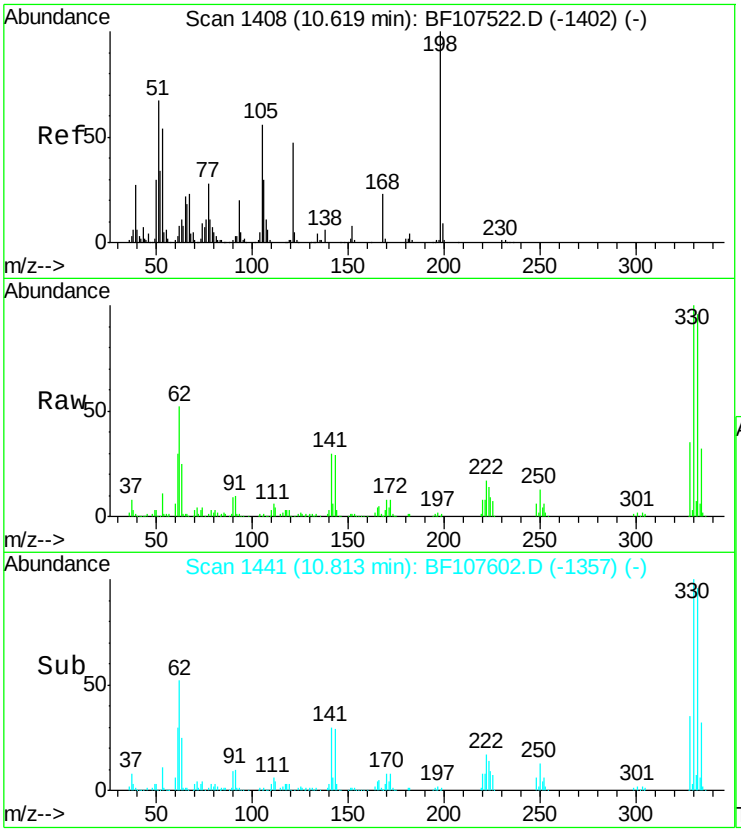


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:188 Resp: 652026

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.7	9.2	13.8



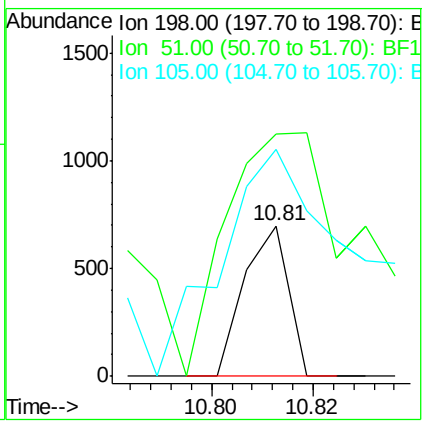


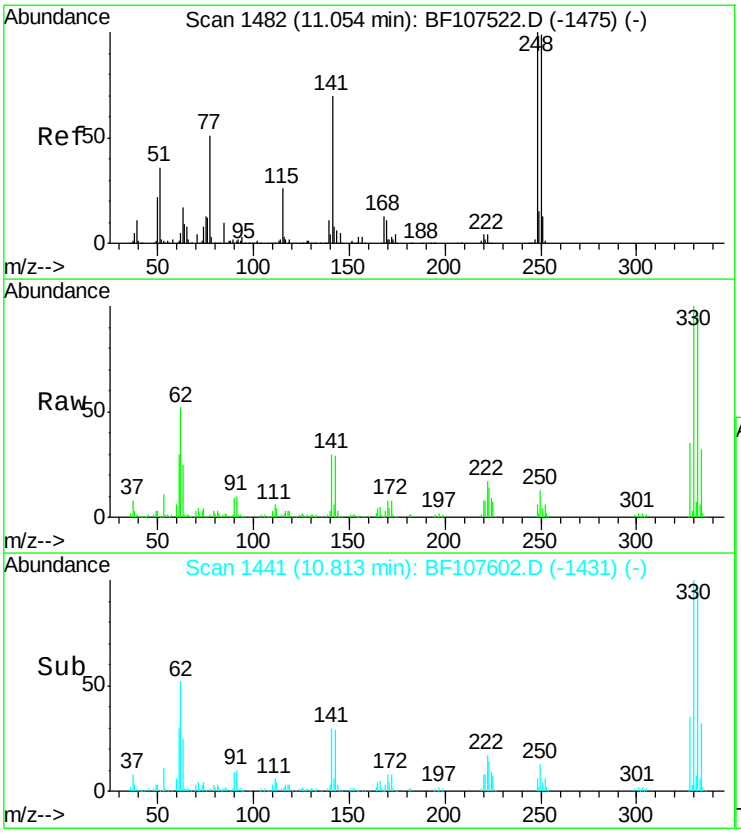
#64
4,6-Dinitro-2-methylphenol
Concen: 8.790 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:198 Resp: 421

Ion	Ratio	Lower	Upper
198	100		
51	161.5	37.7	77.7#
105	151.4	36.3	76.3#

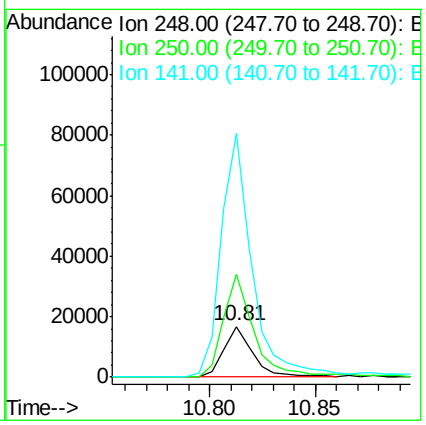


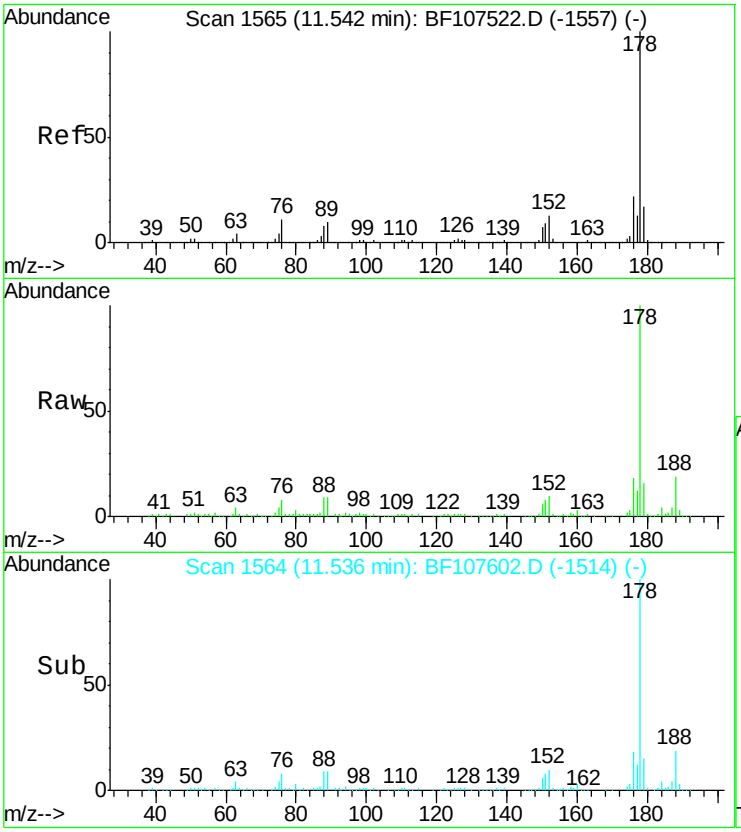


#66
4-Bromophenyl-phenylether
Concen: 2.080 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:248 Resp: 15963

Ion	Ratio	Lower	Upper
248	100		
250	204.0	76.9	115.3#
141	482.1	74.4	111.6#



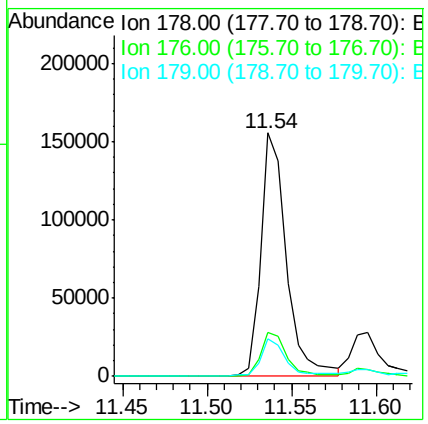


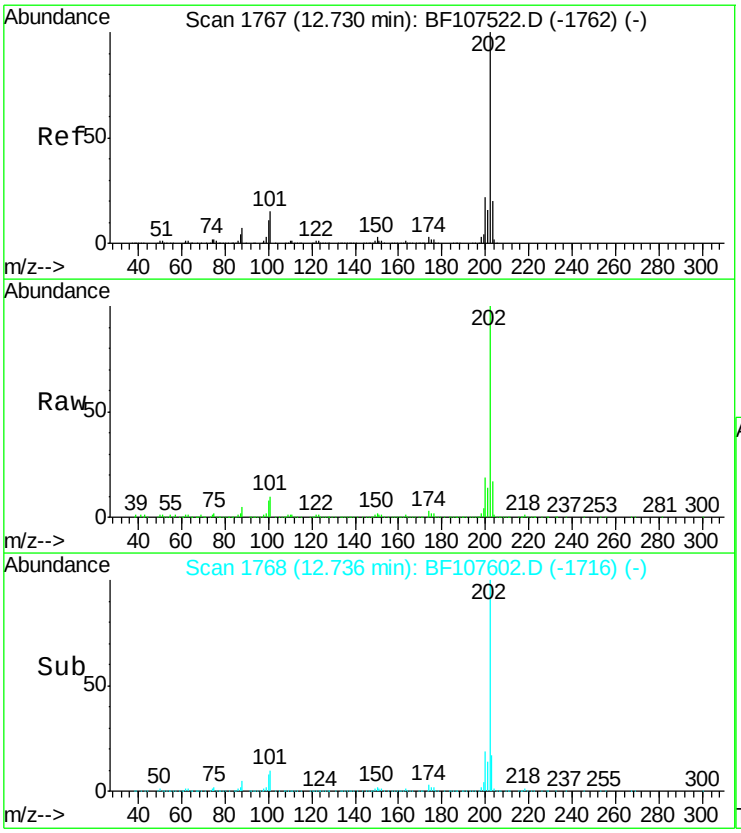
#70
Phenanthrene
Concen: 5.184 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:178 Resp: 164726

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.7	13.0	19.6

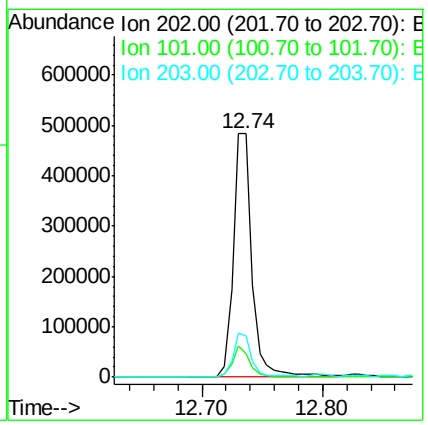


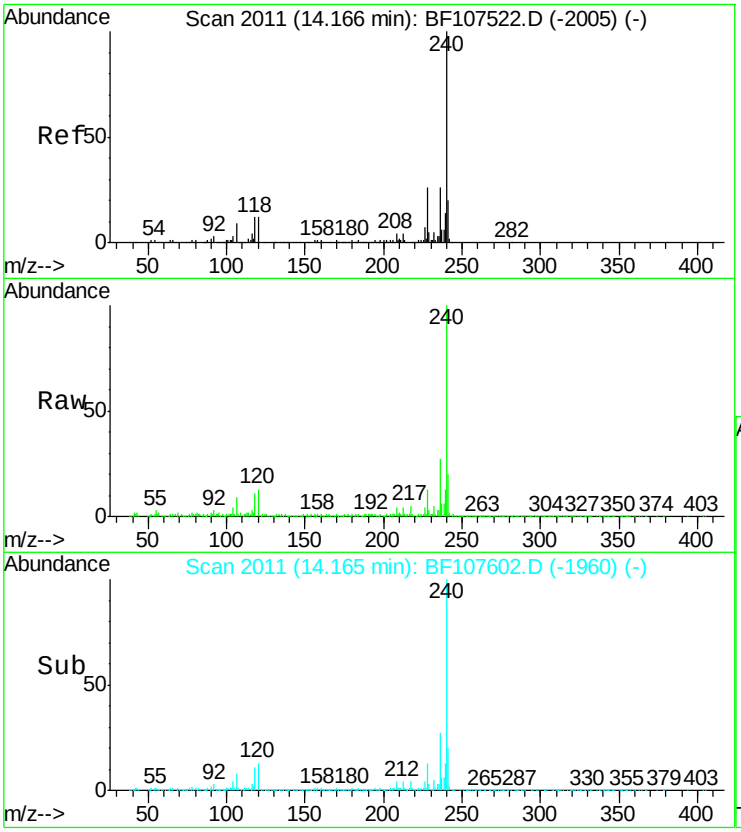


#74
Fluoranthene
Concen: 15.214 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:202 Resp: 518712

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	34.1
203	17.1	0.0	38.1



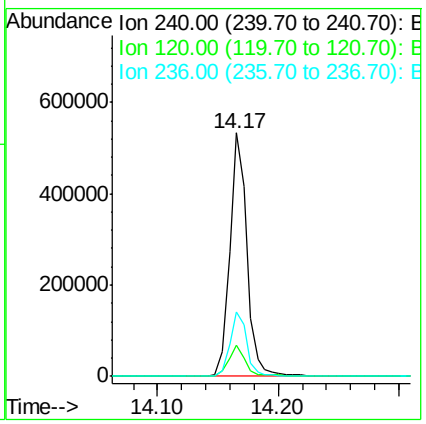


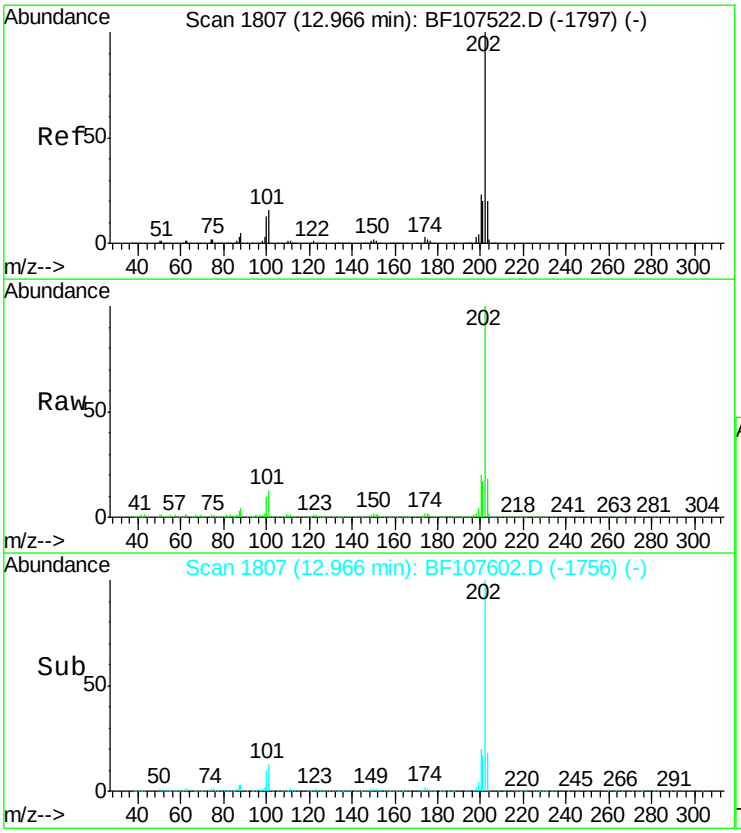
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:240 Resp: 524410

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.6	20.7	31.1

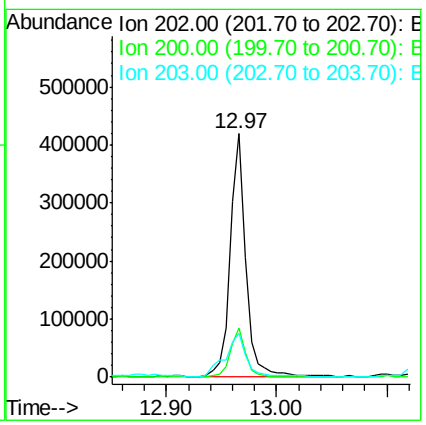


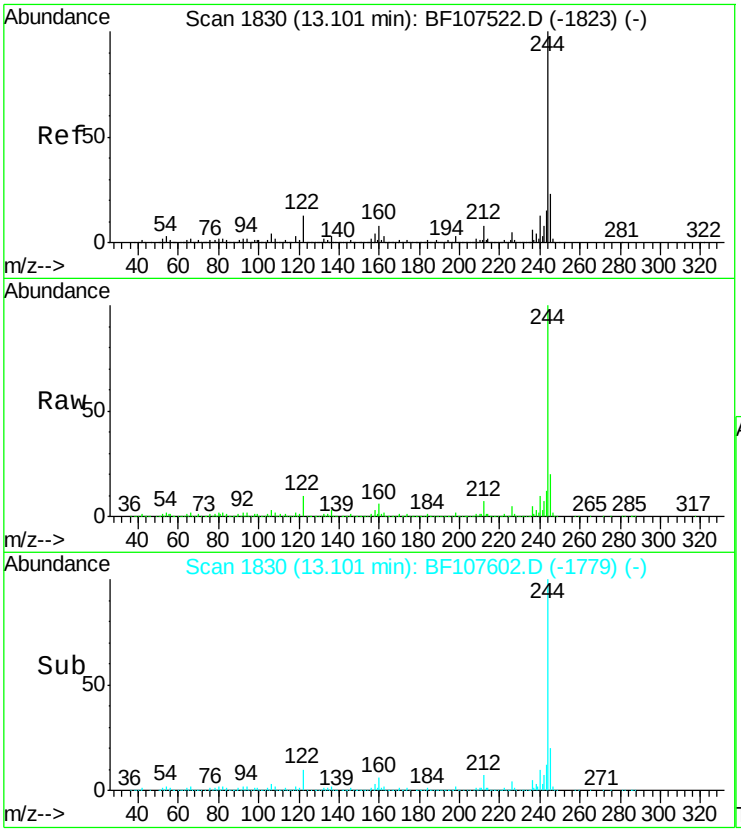


#77
Pyrene
Concen: 11.610 ng
RT: 12.97 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:202 Resp: 416464

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.0	14.3	21.5



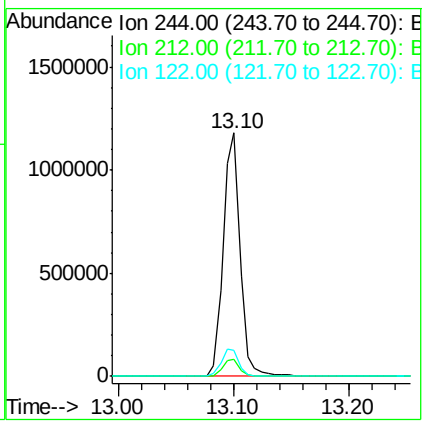


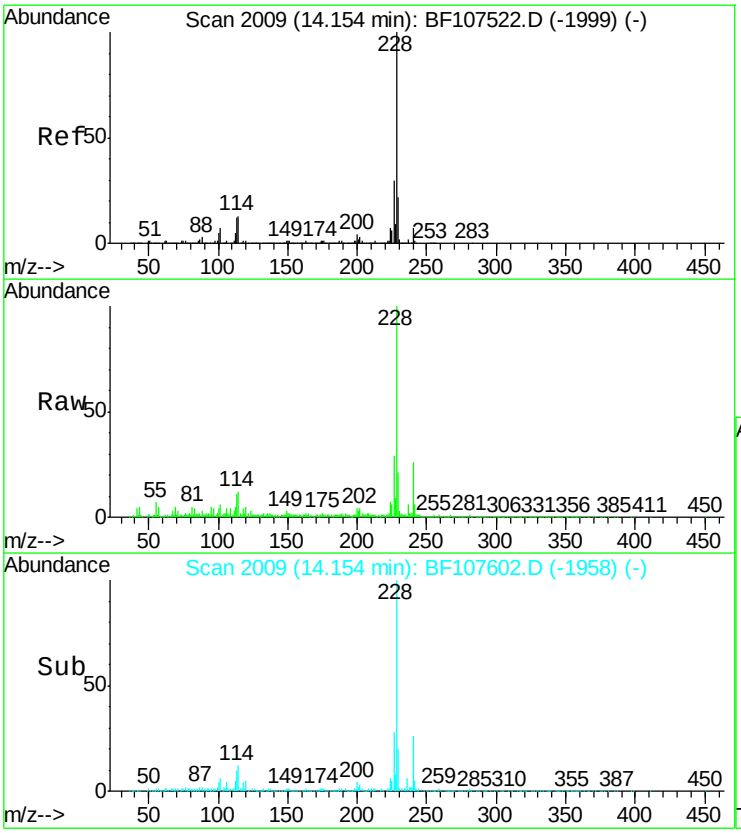
#78
Terphenyl-d14
Concen: 58.357 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1195385

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.5	11.0	16.4#

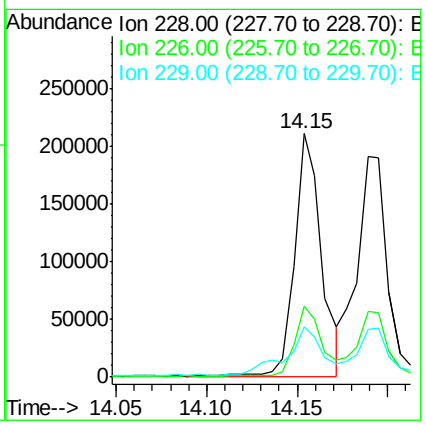


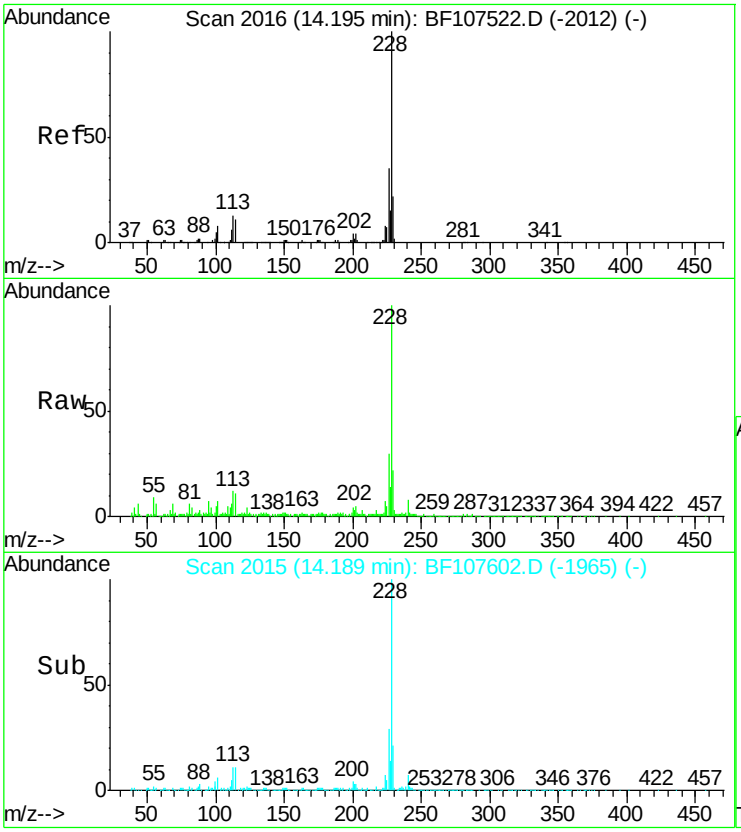


#80
Benzo(a)anthracene
Concen: 7.067 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:228 Resp: 217182

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.7	15.8	23.6



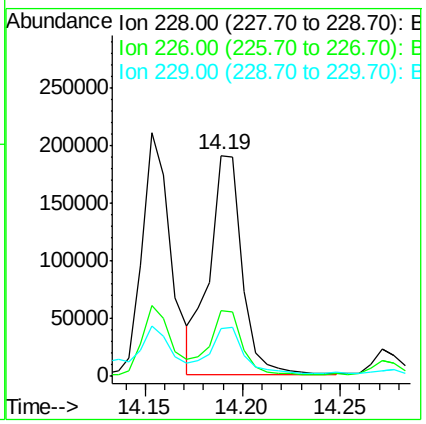


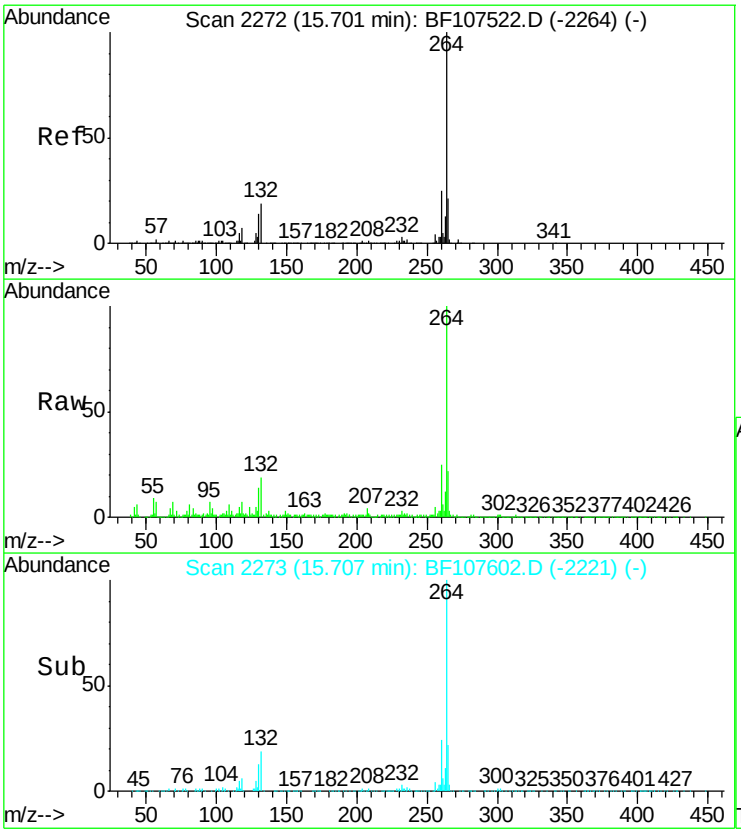
#82
Chrysene
Concen: 7.586 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:228 Resp: 223942

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	21.6	16.2	24.4

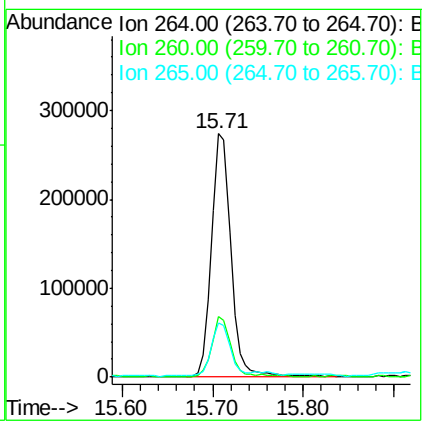


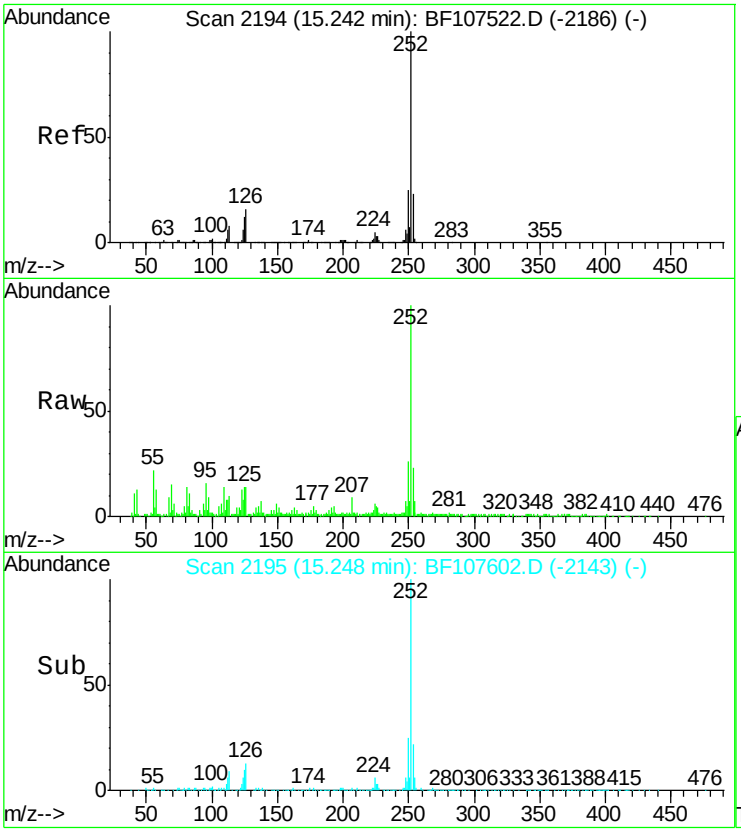


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:264 Resp: 404155

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.3	17.5	26.3



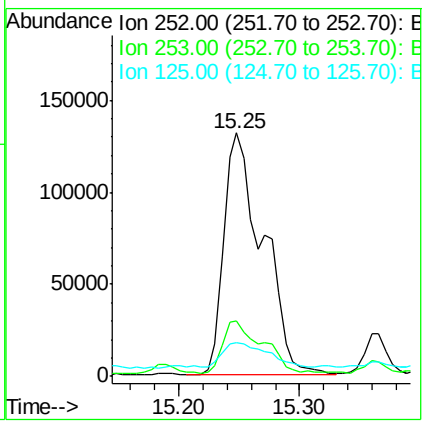


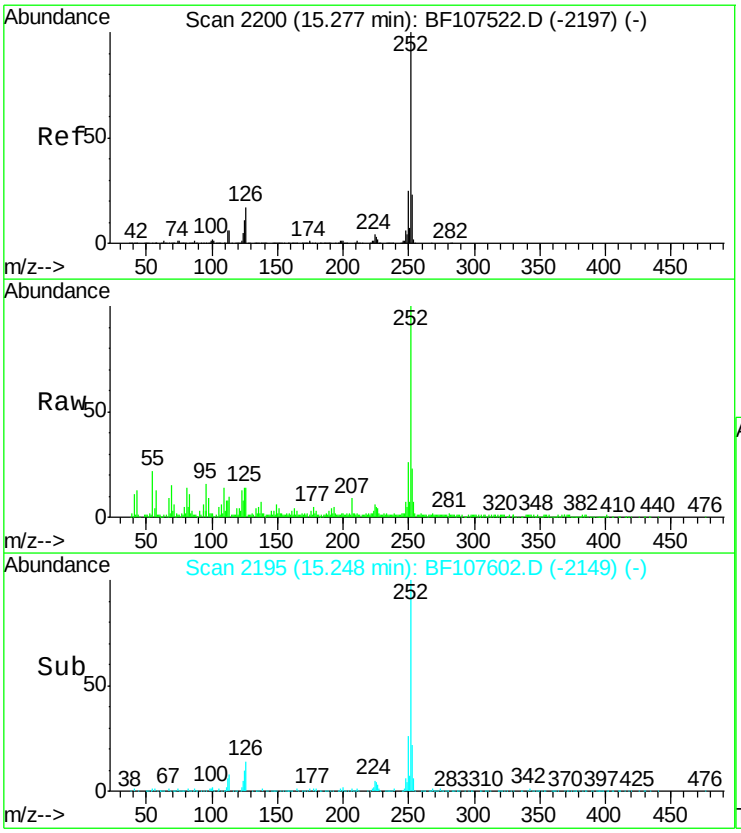
#87
Benzo(b)fluoranthene
Concen: 13.387 ng
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 296104

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.9	9.0	13.6#

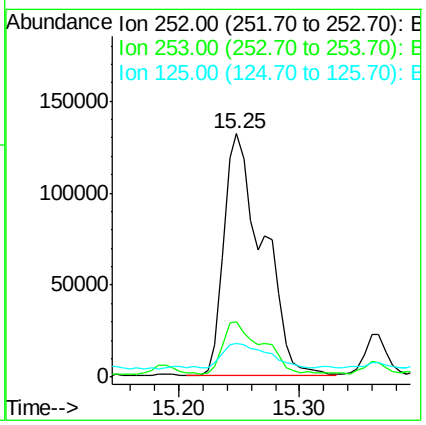


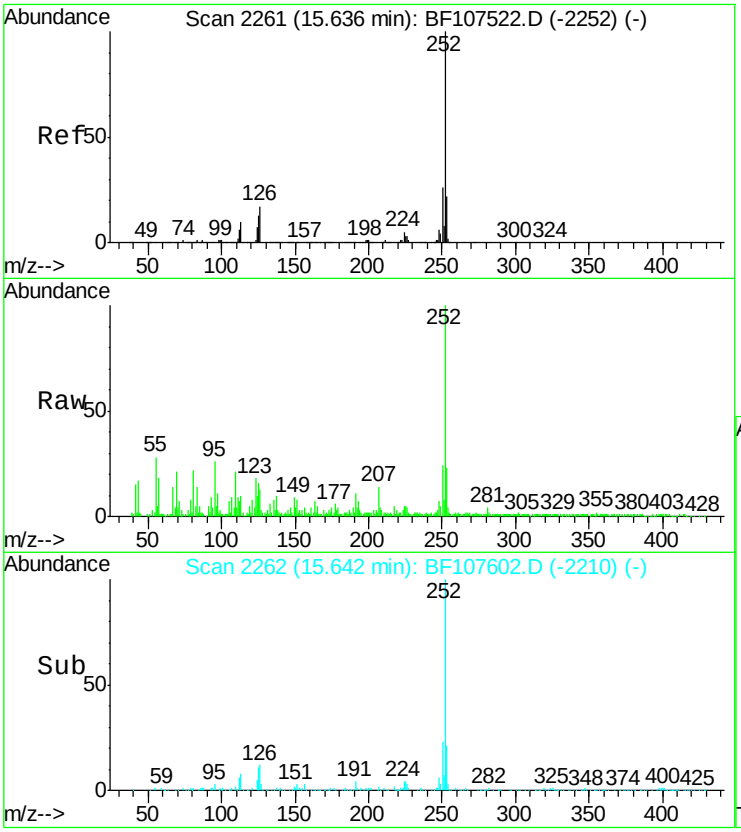


#88
Benzo(k)fluoranthene
Concen: 13.664 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:252 Resp: 296104

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.9	10.2	15.2



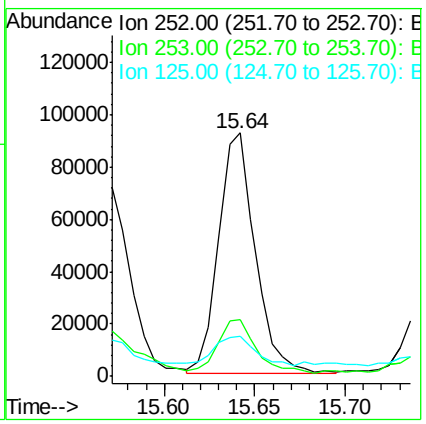


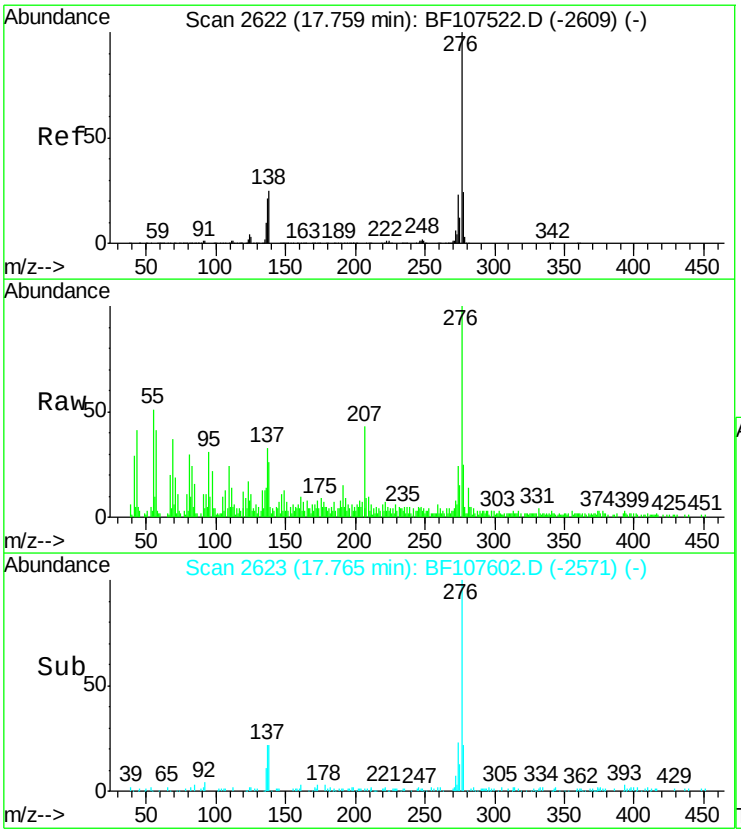
#89
Benzo(a)pyrene
Concen: 6.437 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:252 Resp: 130240

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	16.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.069 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF107602.D
Acq: 23 Jul 2018 21:34

Tgt Ion:276 Resp: 70202

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	26.0	21.8	32.8