Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107178.D
Acq On : 6 Jul 2018 17:40
Operator : JU/SJ
Sample : J3868-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TP-5-S

Quant Time: Jul 06 18:23:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62495	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	244178	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	119374	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	204097	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	181050	20.00	ng		-0.03
86) Perylene-d12	15.67	264	161934	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	308551	83.60	ng		-0.01
7) Phenol-d6	6.59	99	399008	86.57	ng		-0.02
23) Nitrobenzene-d5	7.51	82	247901	56.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	115777	83.68	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	461125	61.26	ng		-0.02
78) Terphenyl-d14	13.07	244	416717	55.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	32144	10.580	ng	#	72
25) Isophorone	7.51	82	247899	32.018	ng	#	64
49) Dimethylphthalate	9.70	163	152056	16.983	ng		99
56) 2,4-Dinitrotoluene	9.98	165	15517	6.270	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	7183	2.949	ng	#	1
70) Phenanthrene	11.50	178	69701	7.081	ng		98
74) Fluoranthene	12.70	202	146214	13.476	ng		93
77) Pyrene	12.93	202	137523	11.519	ng		99
80) Benzo(a)anthracene	14.12	228	82386	7.466	ng		98
82) Chrysene	14.16	228	80753	7.955	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	27796	4.429	ng		98
85) Indeno(1,2,3-cd)pyrene	17.24	276	32602	3.784	ng	#	89
87) Benzo(b)fluoranthene	15.21	252	130222	12.946	ng		97
88) Benzo(k)fluoranthene	15.21	252	130207	13.592	ng		97
89) Benzo(a)pyrene	15.60	252	66628	7.451	ng		95
91) Benzo(g,h,i)perylene	17.72	276	32055	4.327	ng	#	92

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

Quantitation Report (Not Reviewed)

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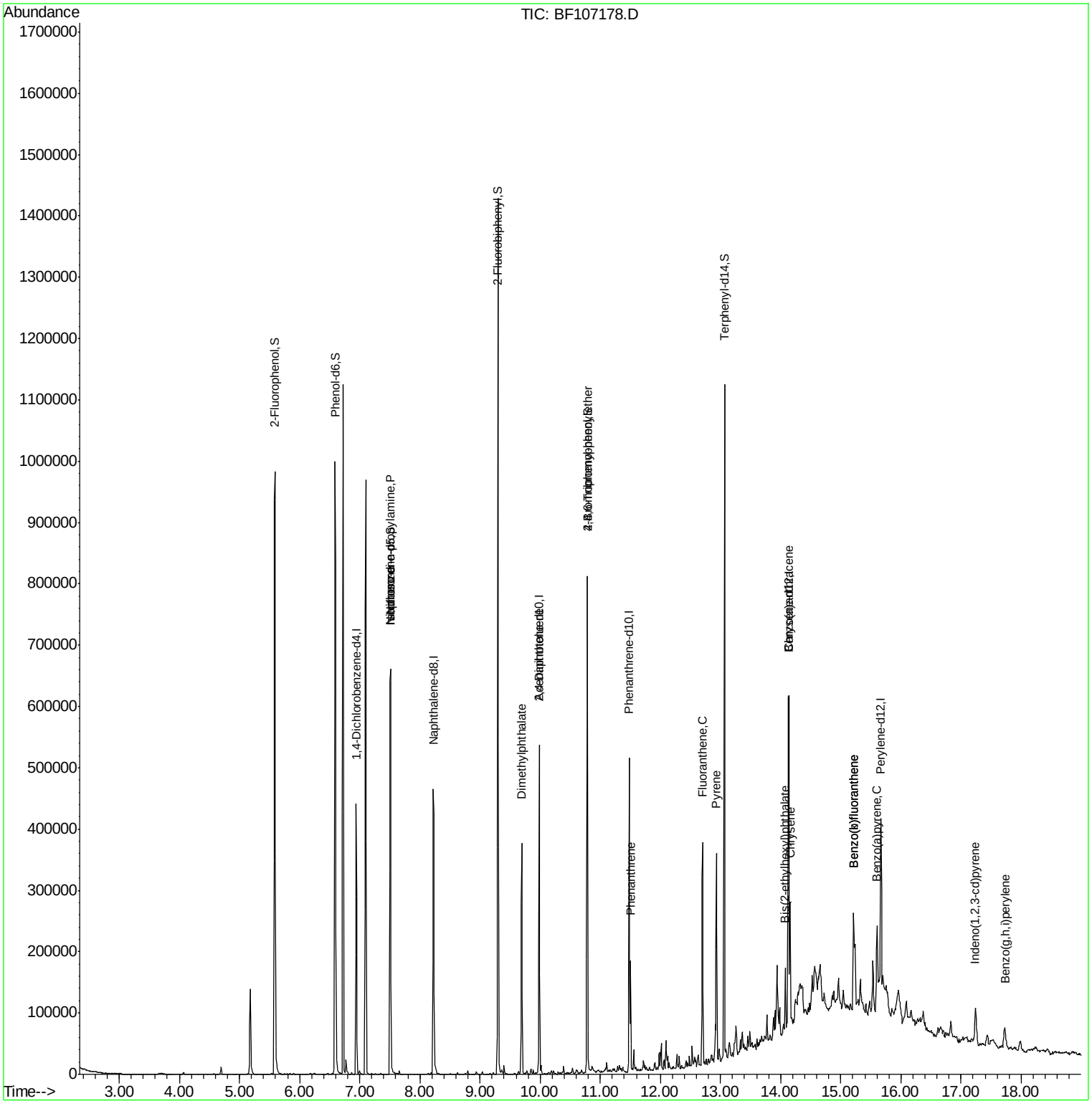
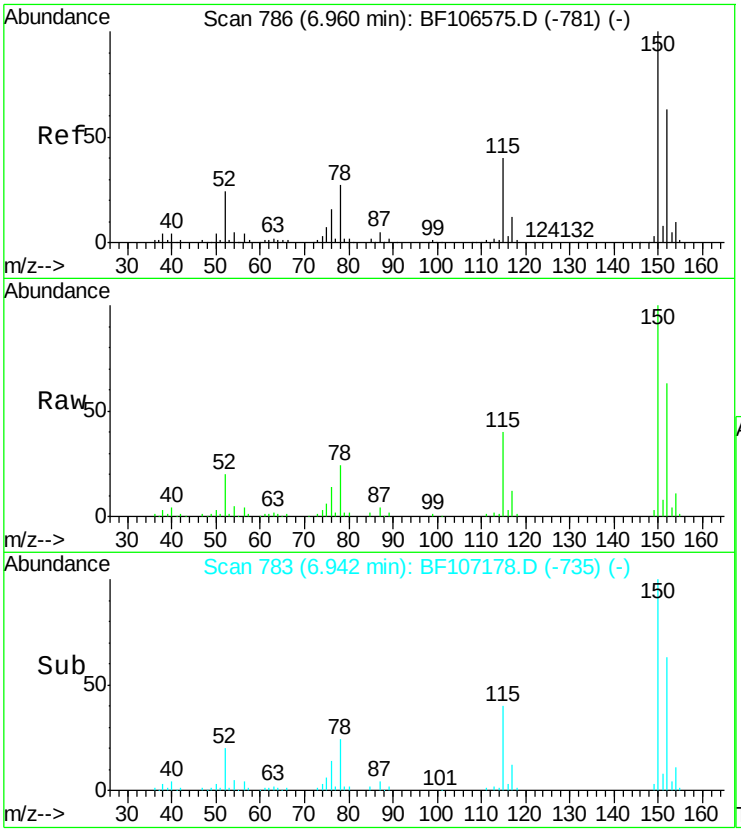


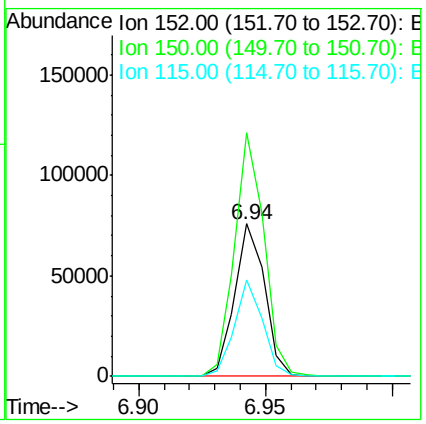


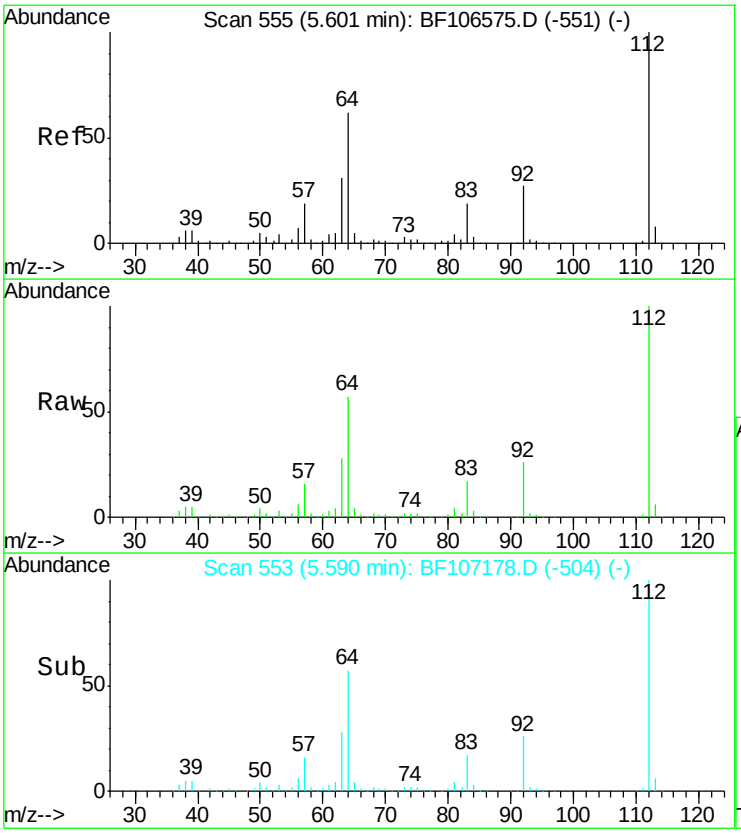
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:152 Resp: 62495

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	63.2	50.1	75.1

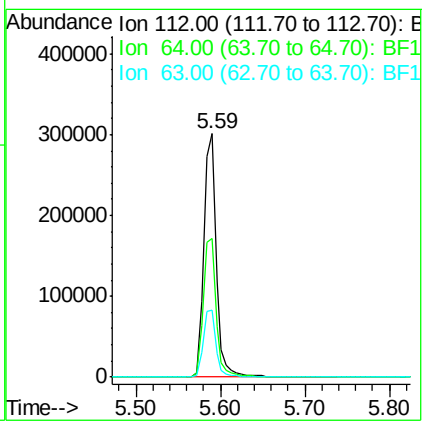


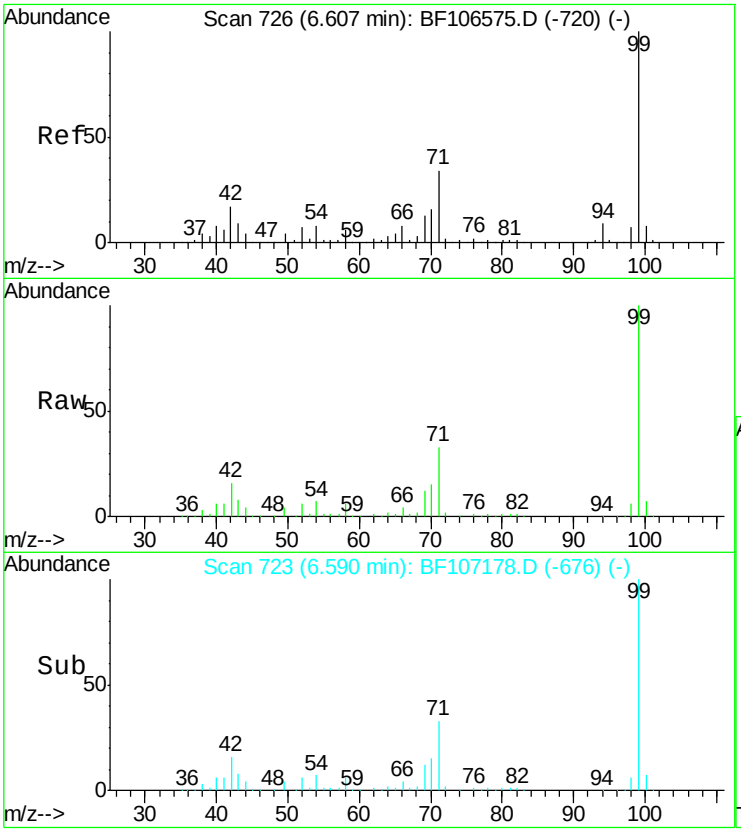


#5
2-Fluorophenol
Concen: 83.603 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:112 Resp: 308551

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	27.6	23.7	35.5



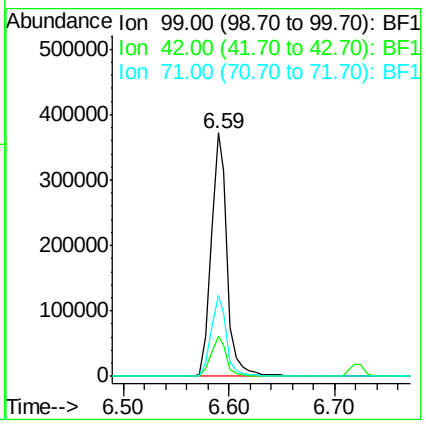


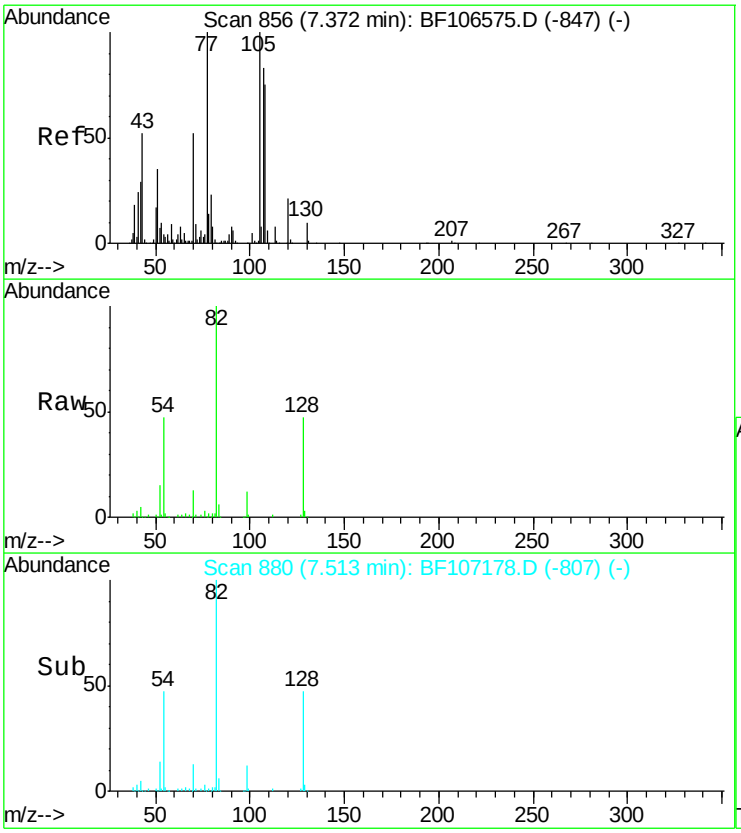
#7
Phenol-d6
Concen: 86.572 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 99 Resp: 399008

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.1	25.4	38.0

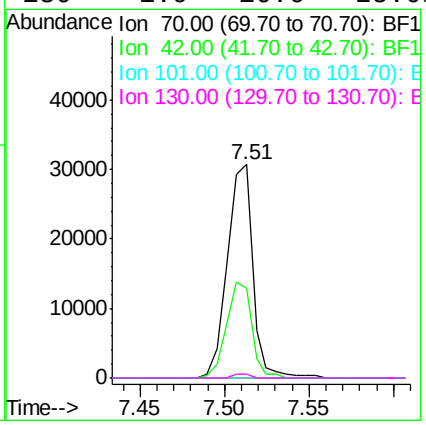


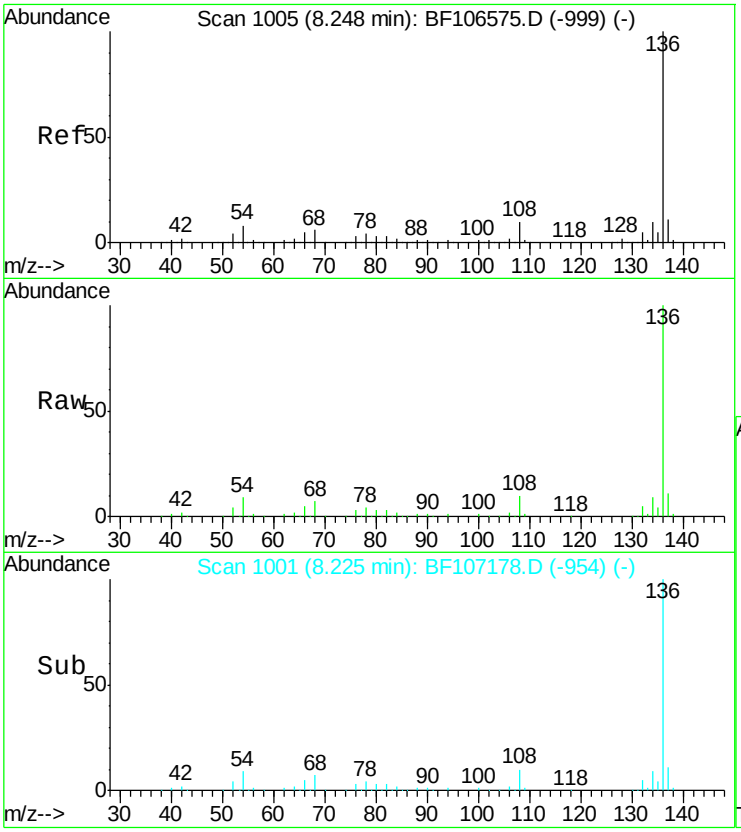


#19
n-Nitroso-di-n-propylamine
Concen: 10.580 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion: 70 Resp: 32144

Ion	Ratio	Lower	Upper
70	100		
42	41.9	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



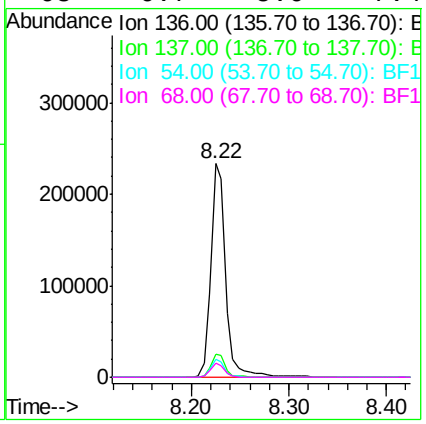


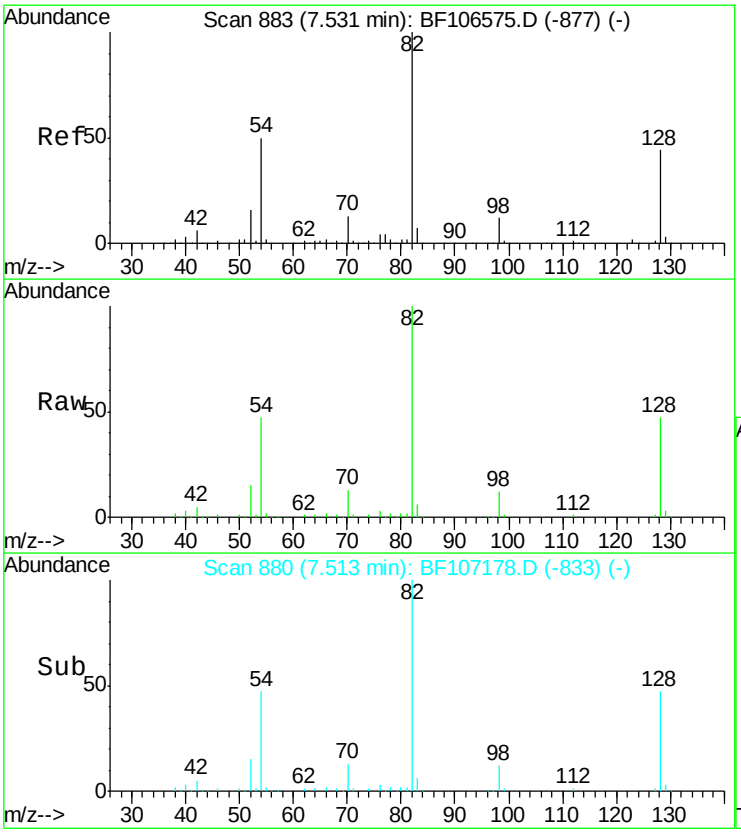
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:136 Resp: 244178

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.7	5.0	7.4

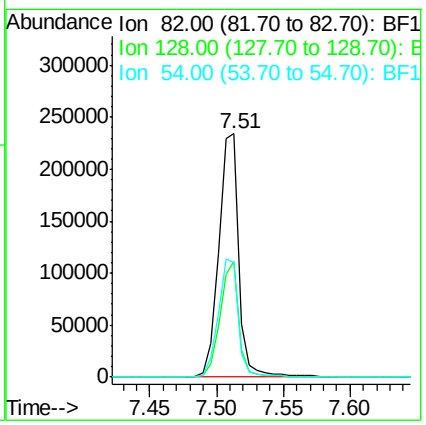


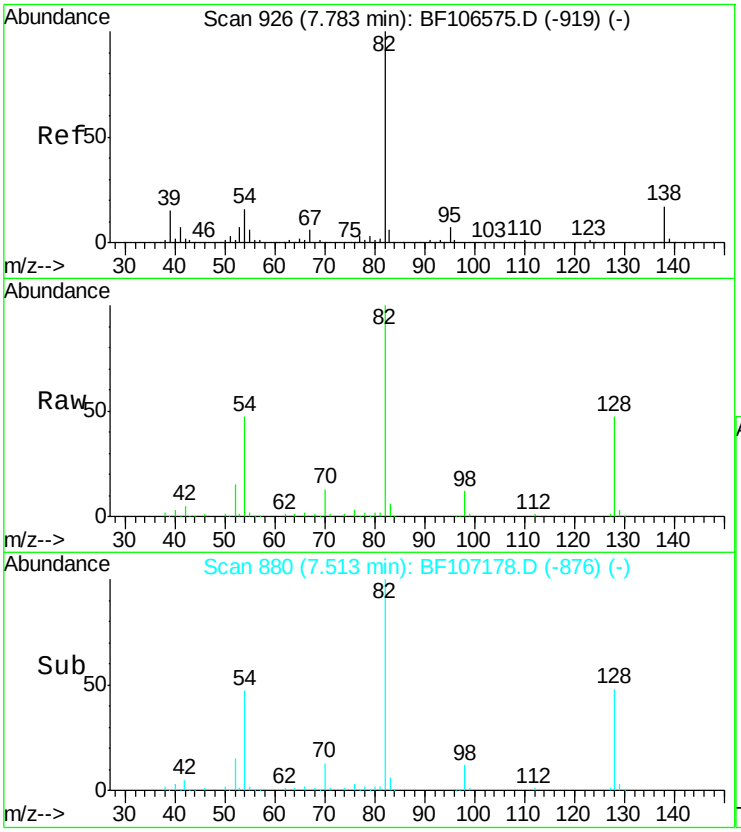


#23
Nitrobenzene-d5
Concen: 56.421 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion: 82 Resp: 247901

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	47.0	41.4	62.2



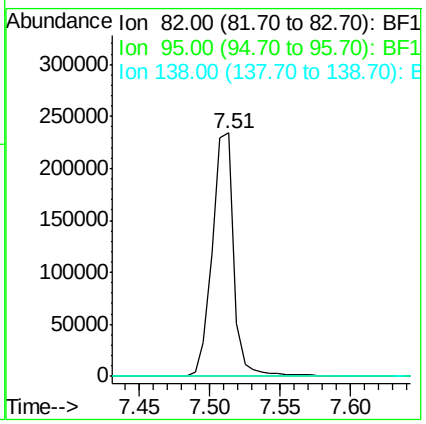


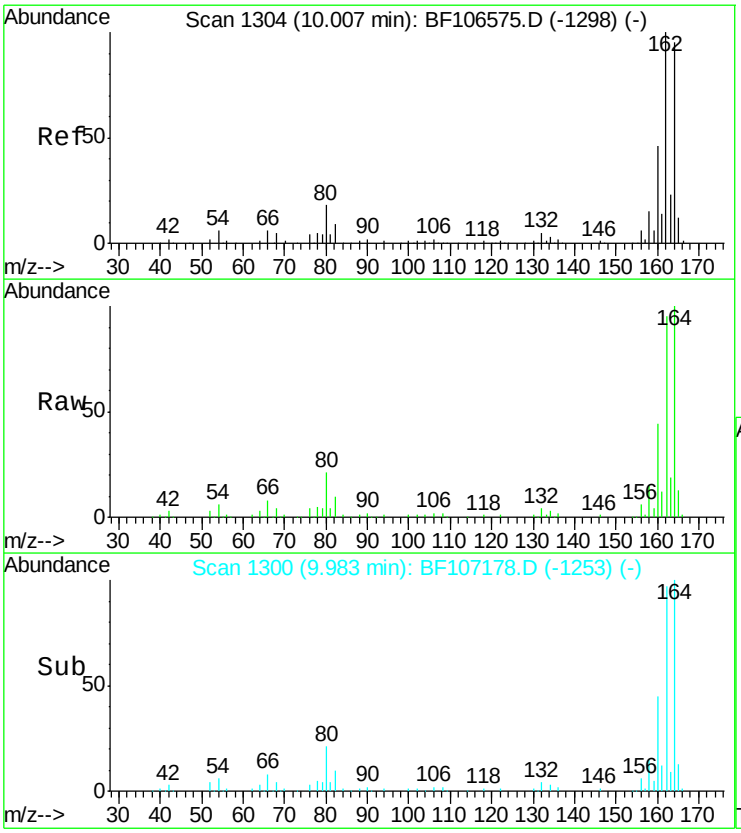
#25
Isophorone
Concen: 32.018 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion: 82 Resp: 247899

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

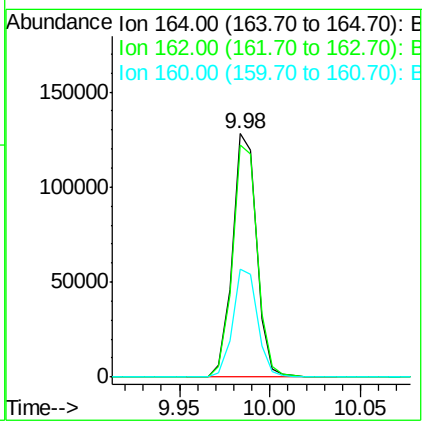


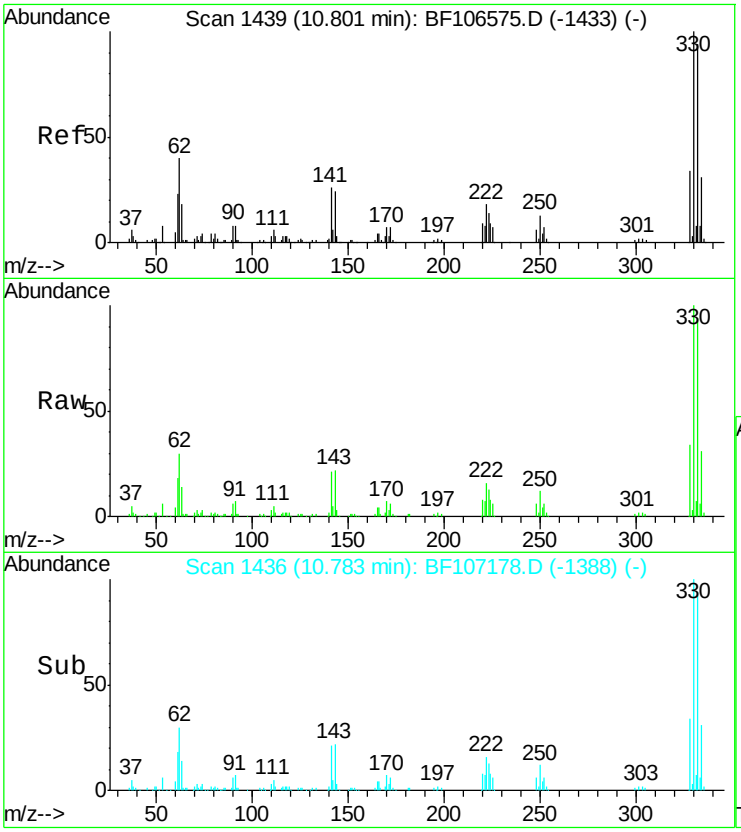


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:164 Resp: 119374

Ion	Ratio	Lower	Upper
164	100		
162	95.4	86.1	129.1
160	44.1	38.3	57.5



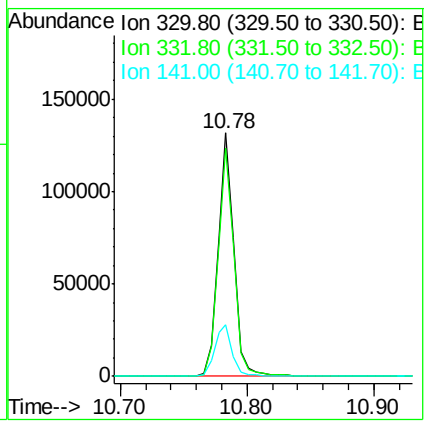


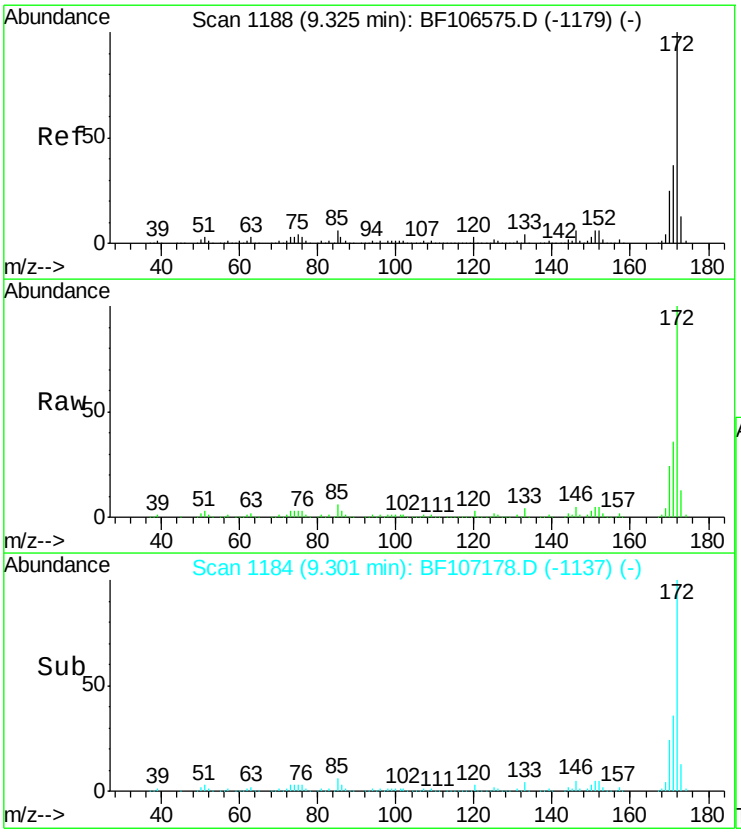
#41
2,4,6-Tribromophenol
Concen: 83.679 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:330 Resp: 115777

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	23.1	29.9	44.9#

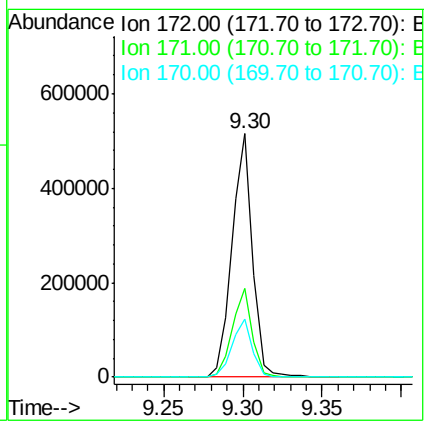


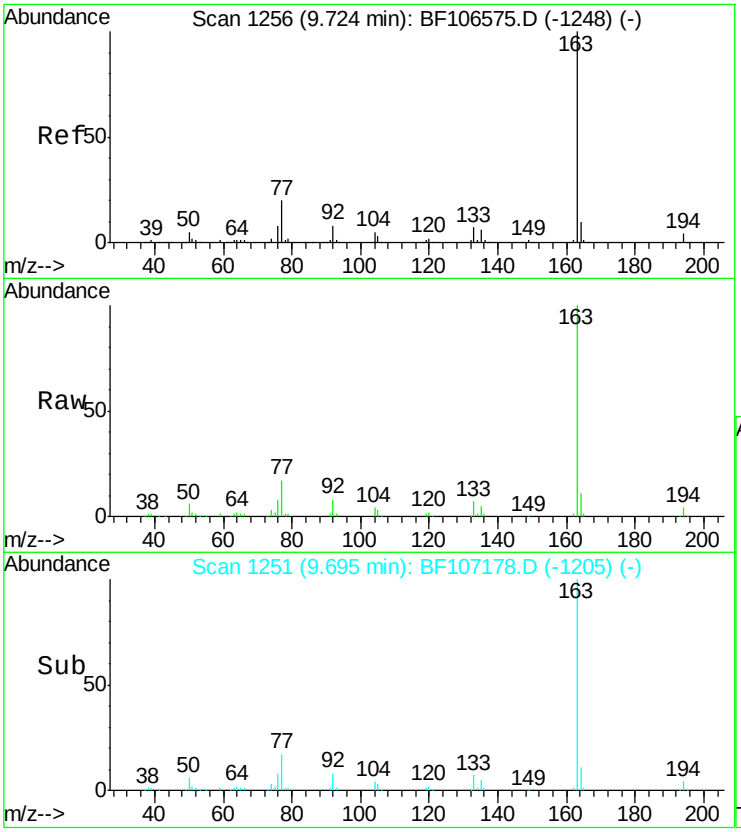


#44
2-Fluorobiphenyl
Concen: 61.265 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:172 Resp: 461125

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.9	19.6	29.4



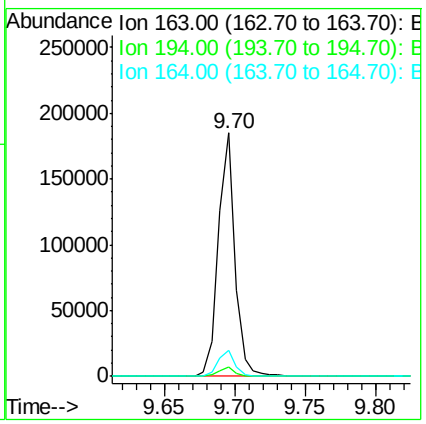


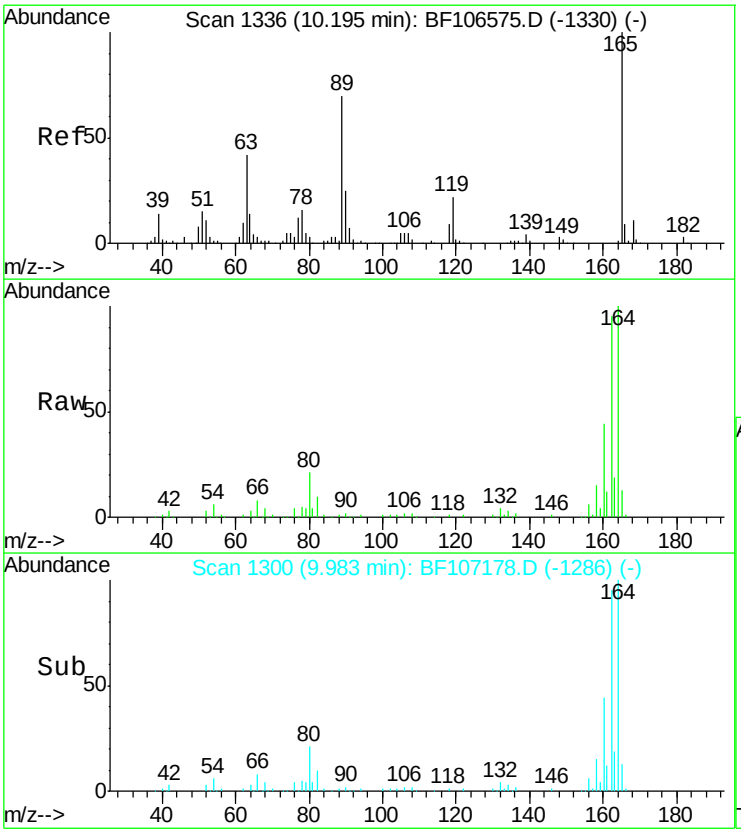
#49
Dimethylphthalate
Concen: 16.983 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:163 Resp: 152056

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2

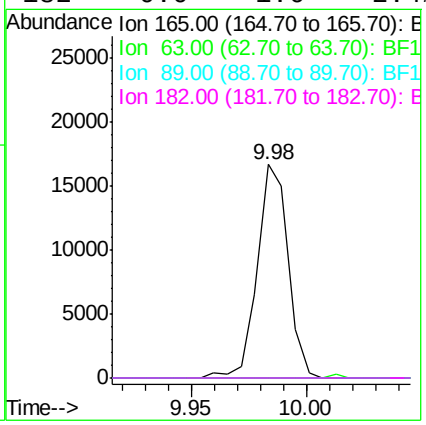


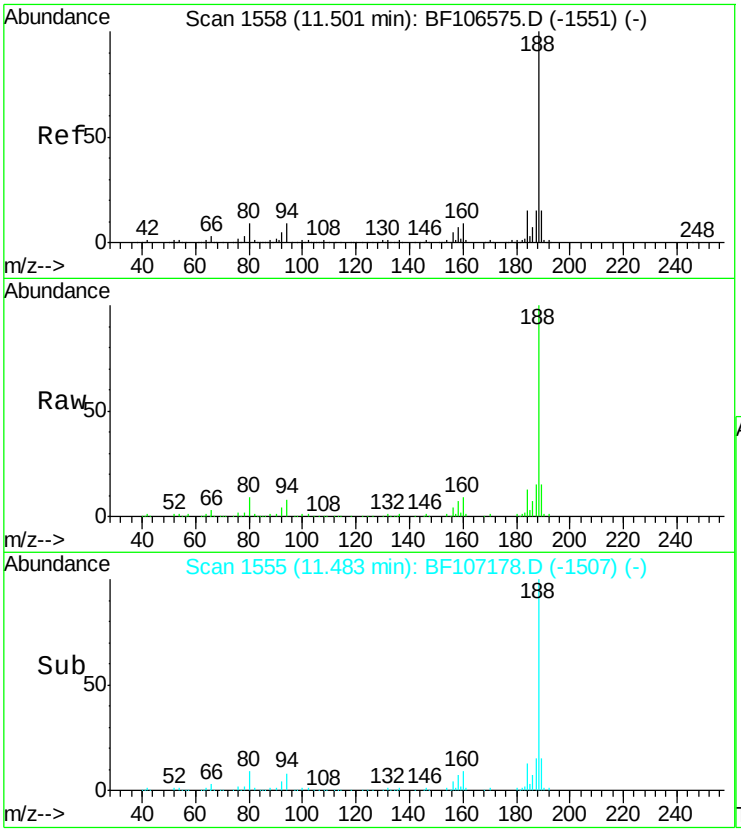


#56
2,4-Dinitrotoluene
Concen: 6.270 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:165 Resp: 15517

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#



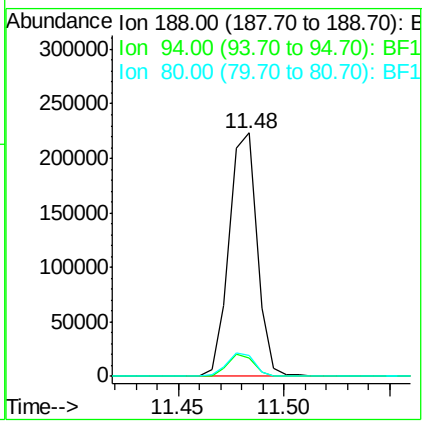


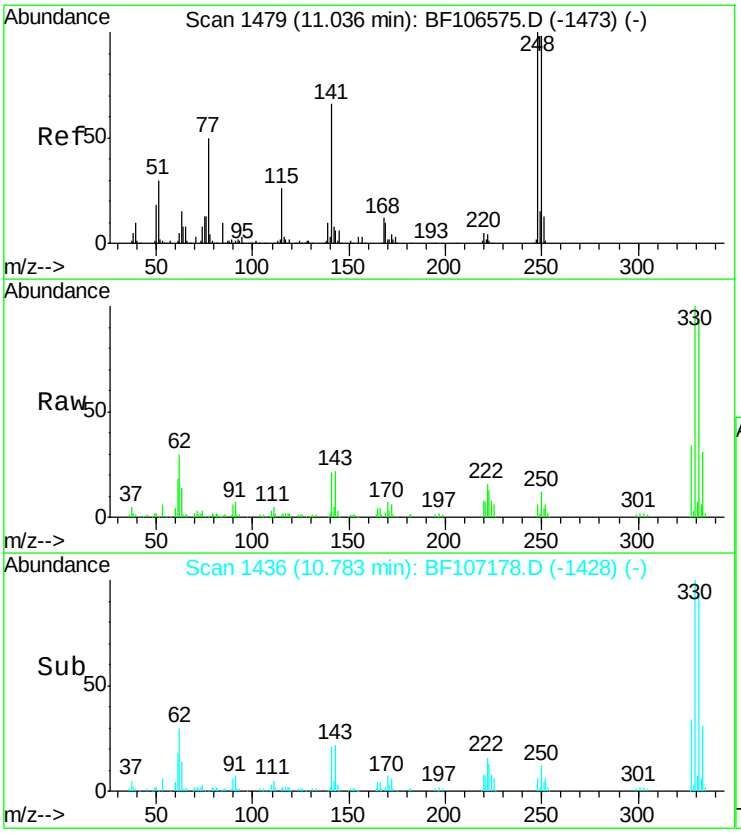
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:188 Resp: 204097

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.5	9.2	13.8#

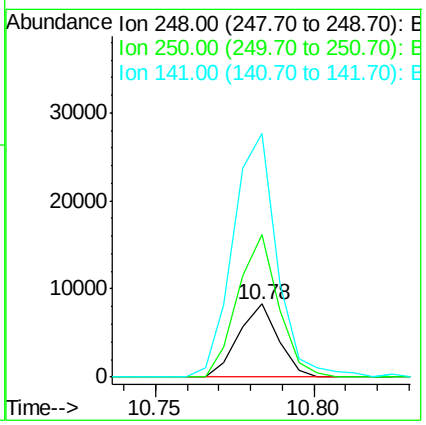


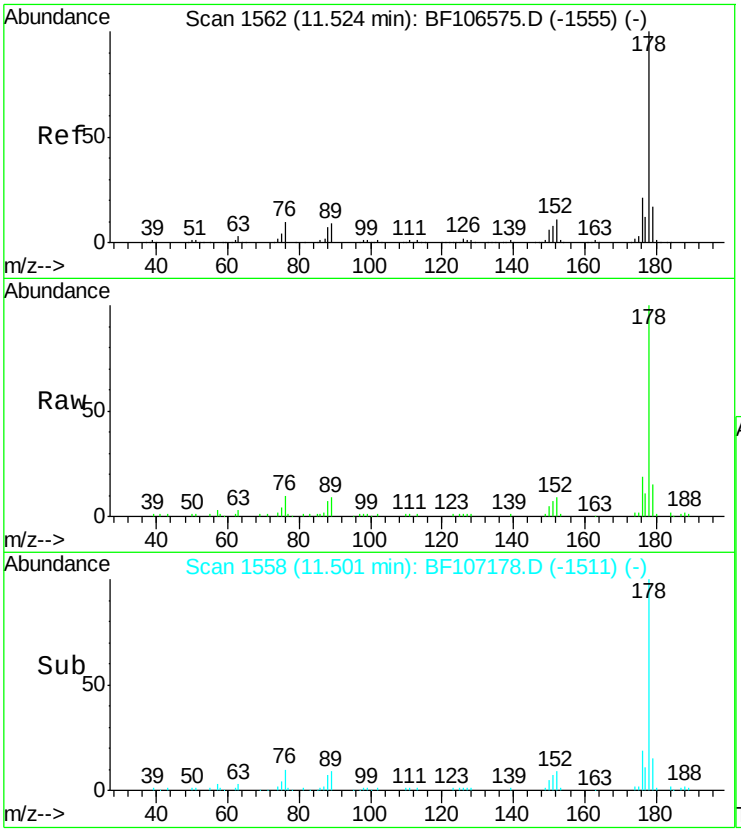


#66
4-Bromophenyl-phenylether
Concen: 2.949 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:248 Resp: 7183

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	333.8	74.4	111.6#



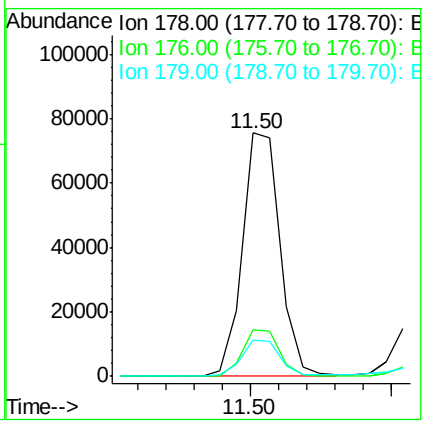


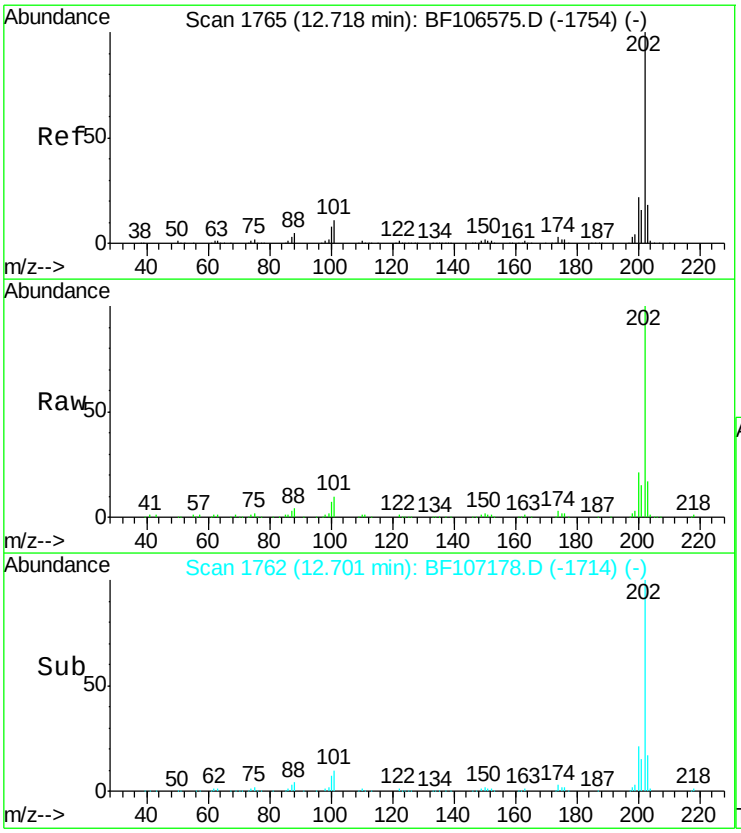
#70
Phenanthrene
Concen: 7.081 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:178 Resp: 69701

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	14.7	13.0	19.6

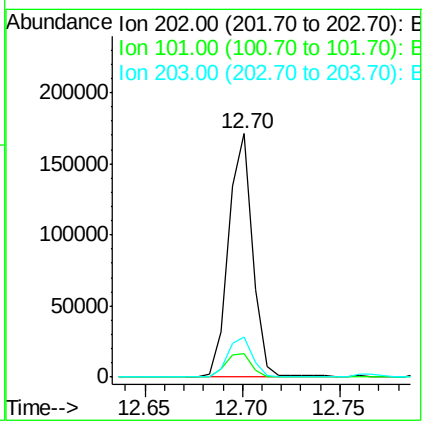


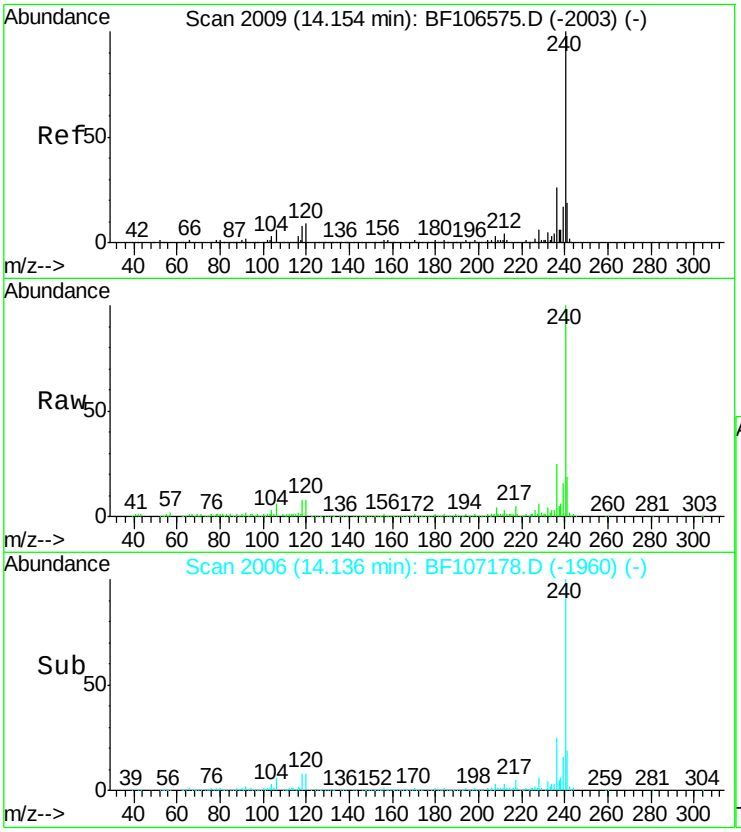


#74
Fluoranthene
Concen: 13.476 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:202 Resp: 146214

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	16.7	0.0	38.1



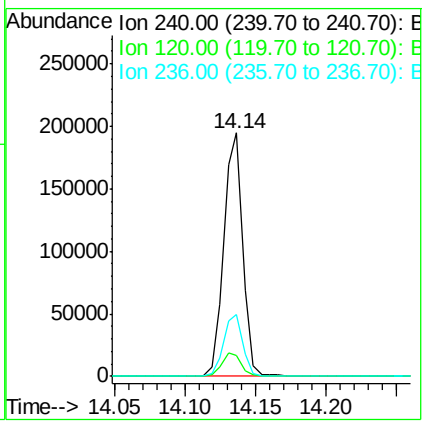


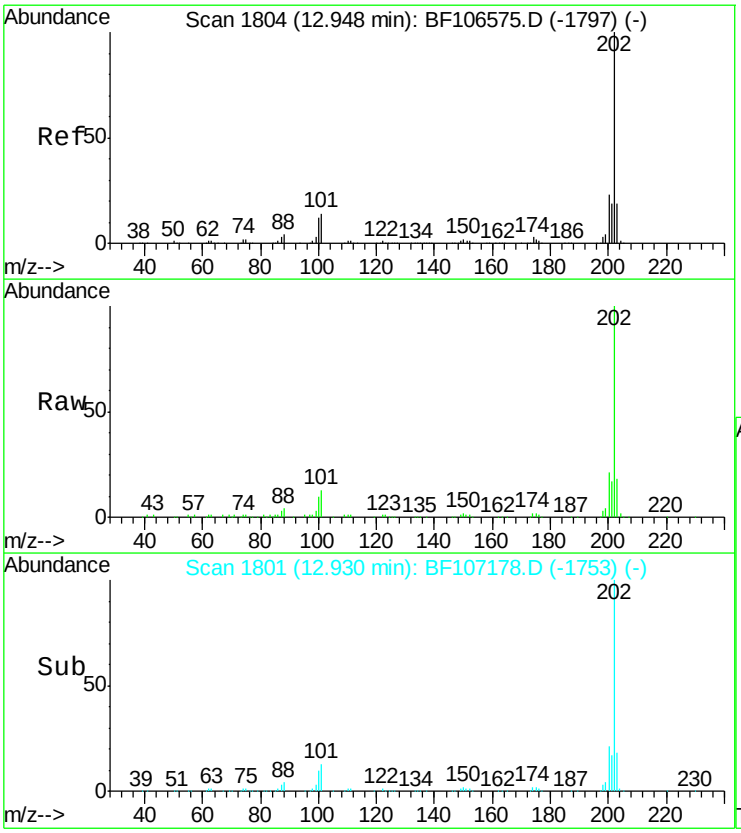
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:240 Resp: 181050

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.4	20.7	31.1

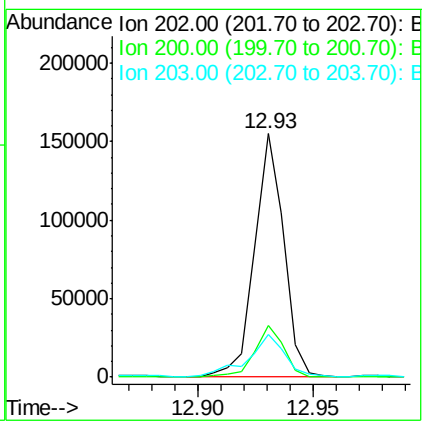


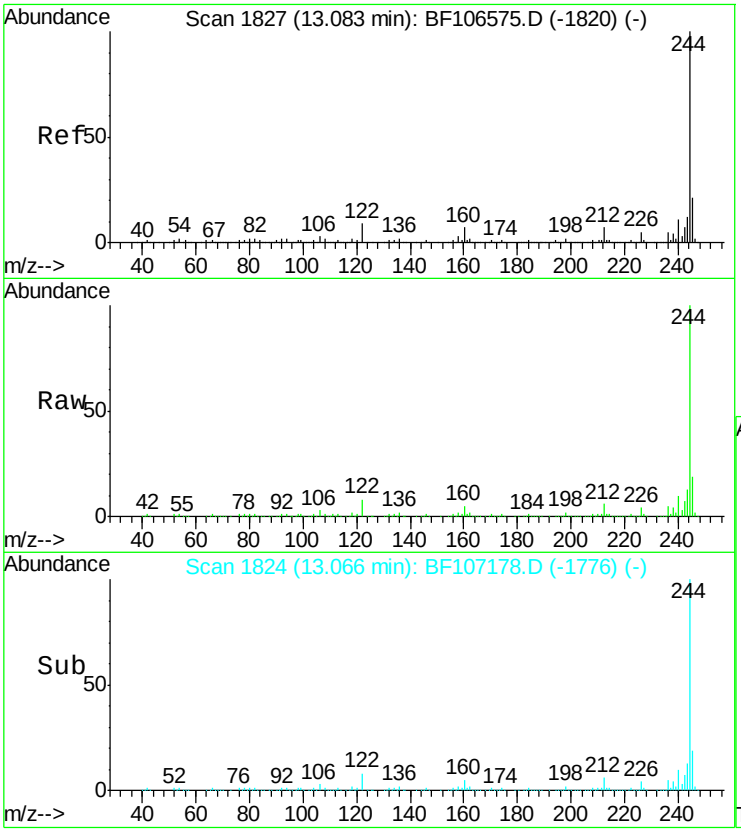


#77
Pyrene
Concen: 11.519 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:202 Resp: 137523

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5



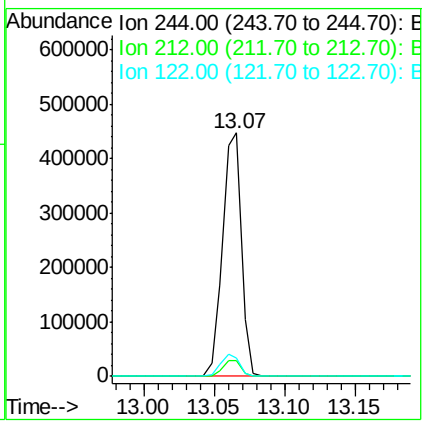


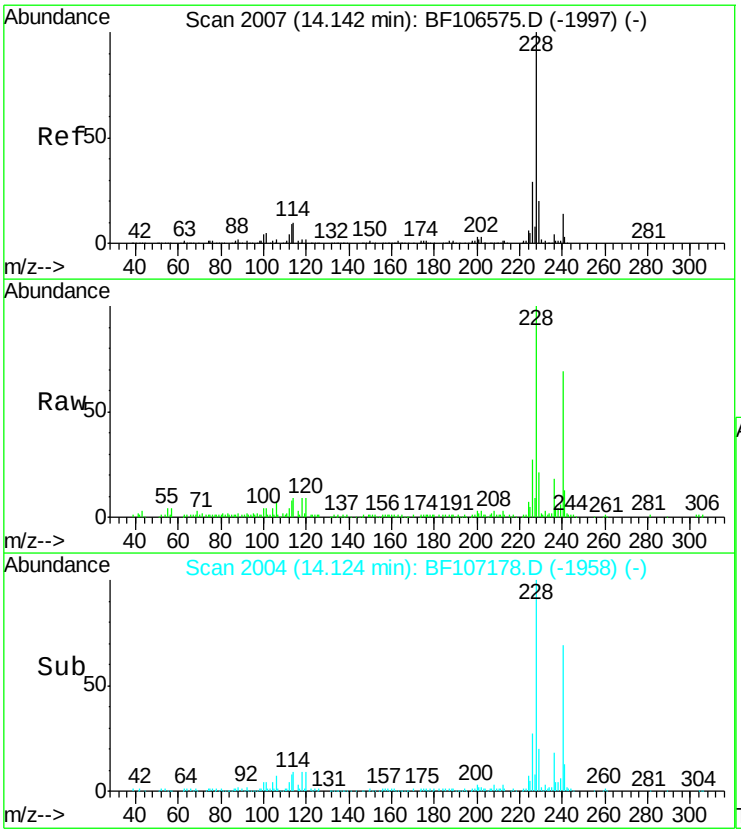
#78
Terphenyl-d14
Concen: 55.753 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:244 Resp: 416717

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	7.8	11.0	16.4#

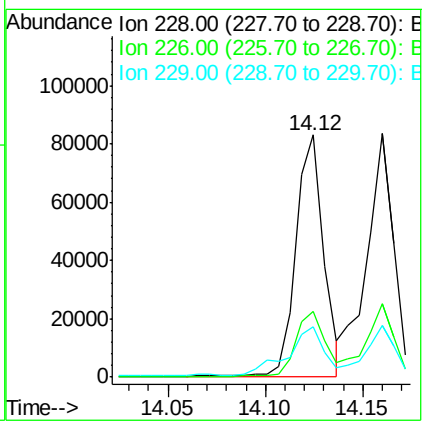


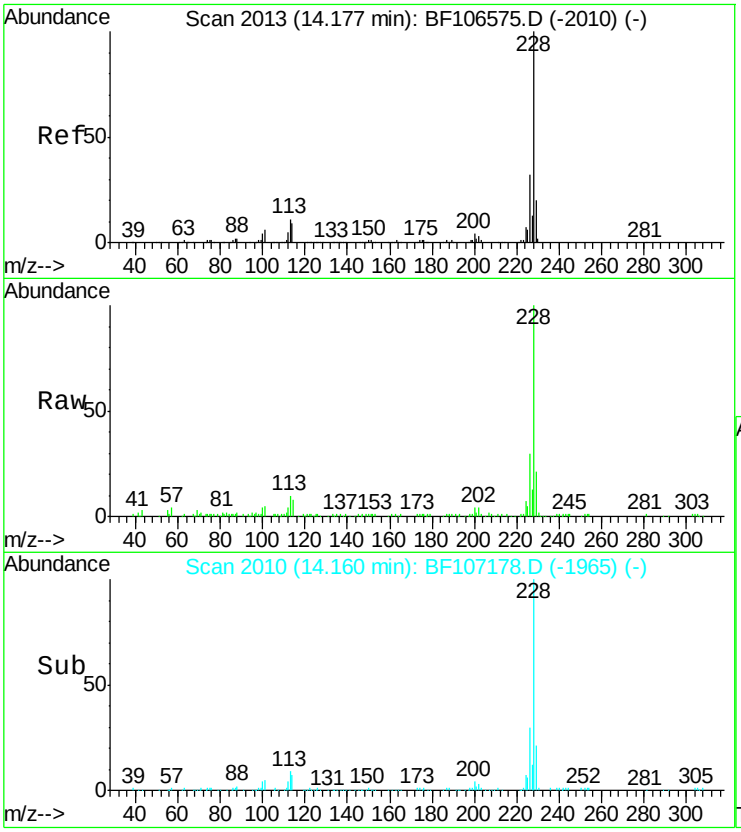


#80
Benzo(a)anthracene
Concen: 7.466 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:228 Resp: 82386

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.0	15.8	23.6



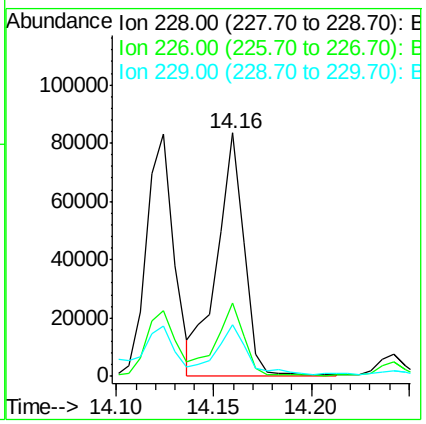


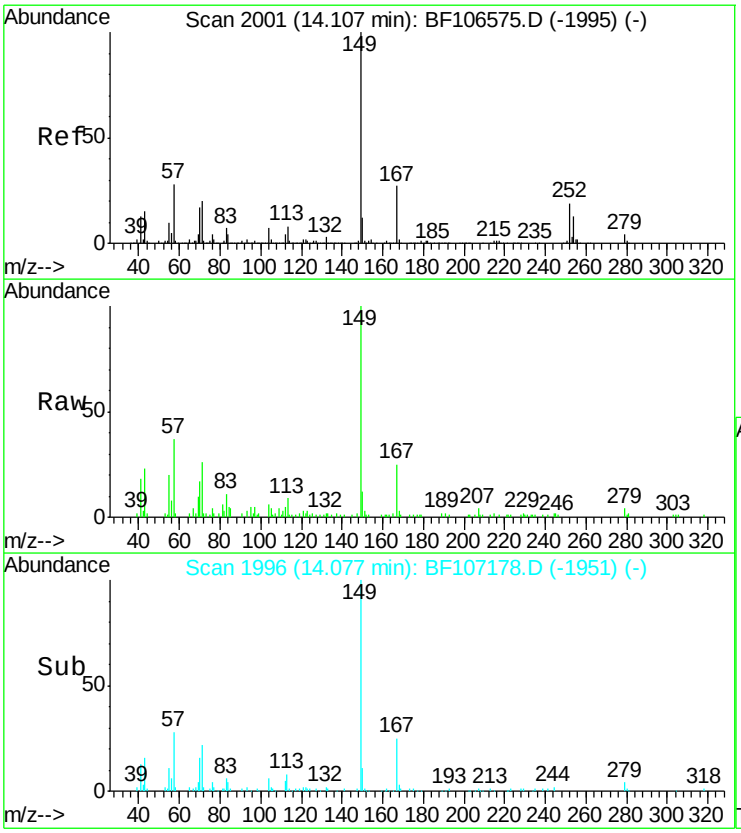
#82
Chrysene
Concen: 7.955 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:228 Resp: 80753

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.2	16.2	24.4

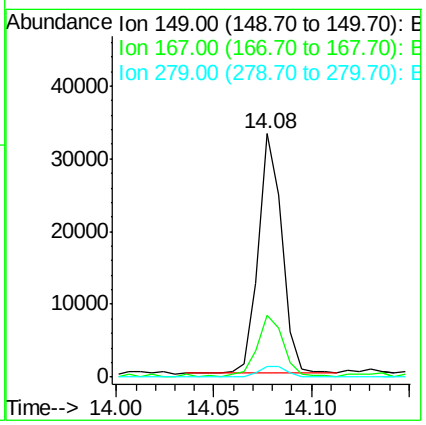


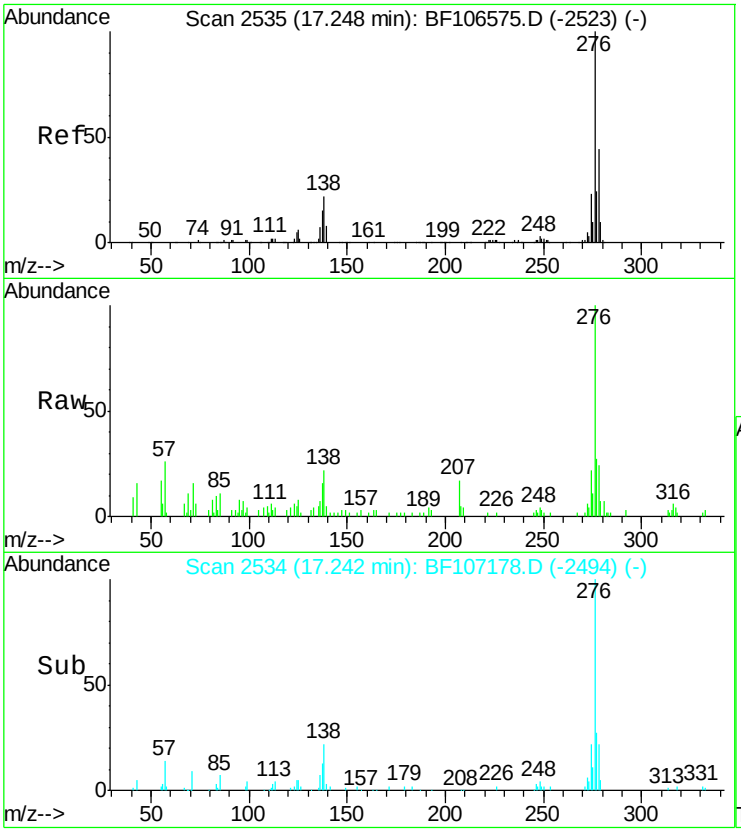


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.429 ng
RT: 14.08 min Scan# 1996
Delta R.T. -0.04 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:149 Resp: 27796

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	4.2	3.0	4.4



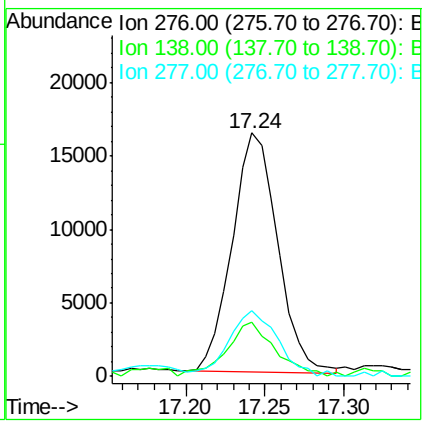


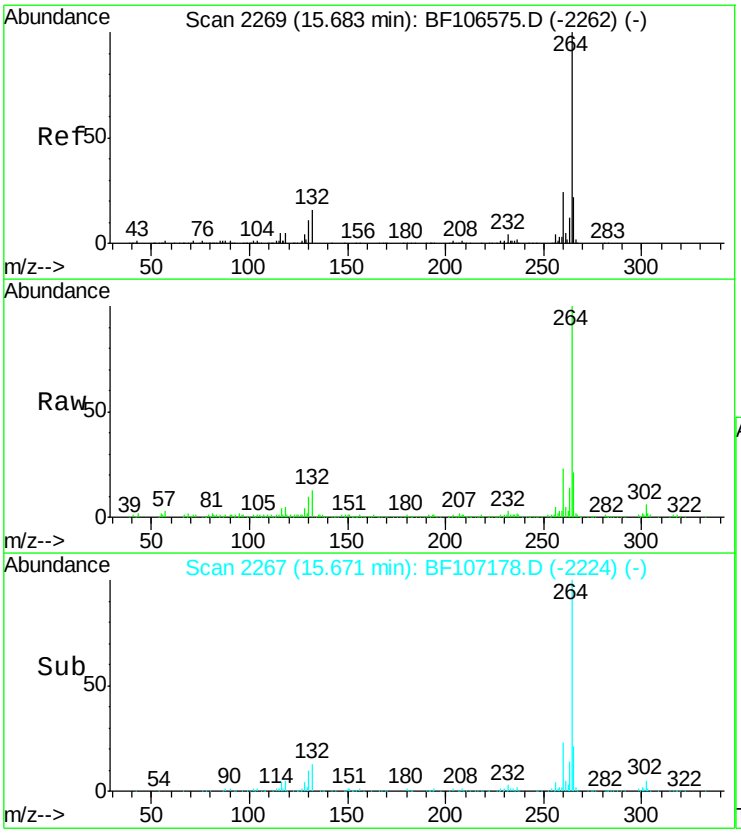
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.784 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:276 Resp: 32602

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	29.7	20.1	30.1

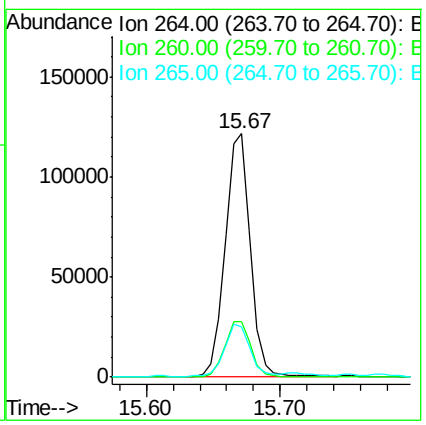


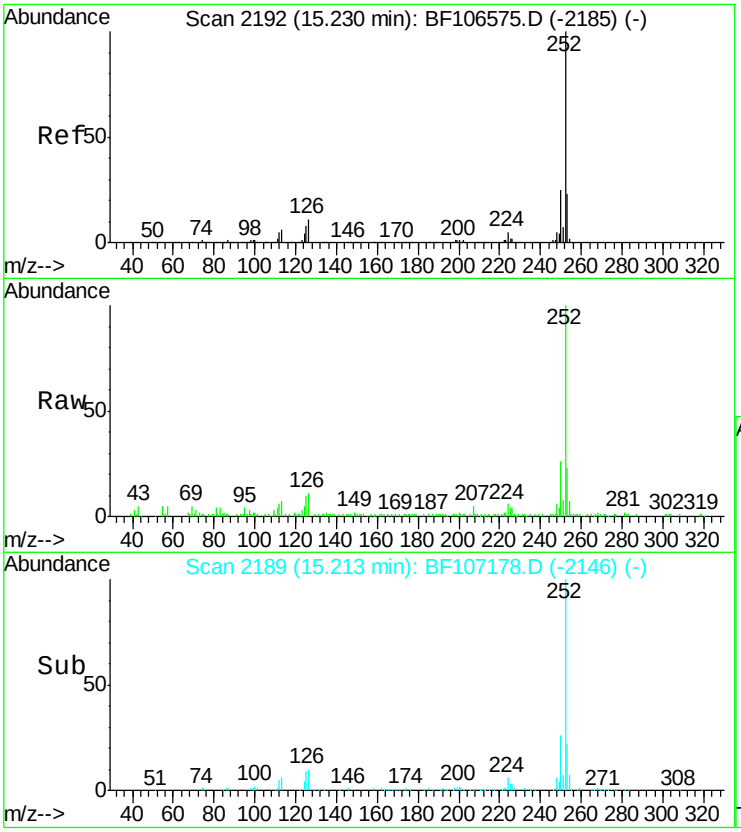


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:264 Resp: 161934

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3



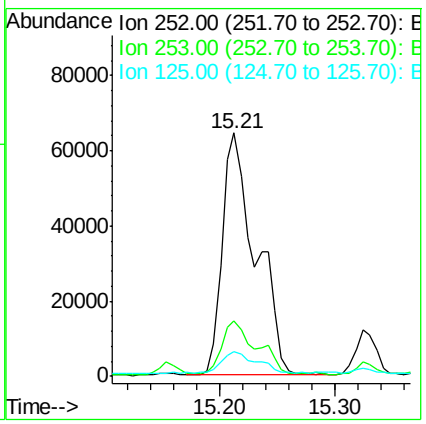


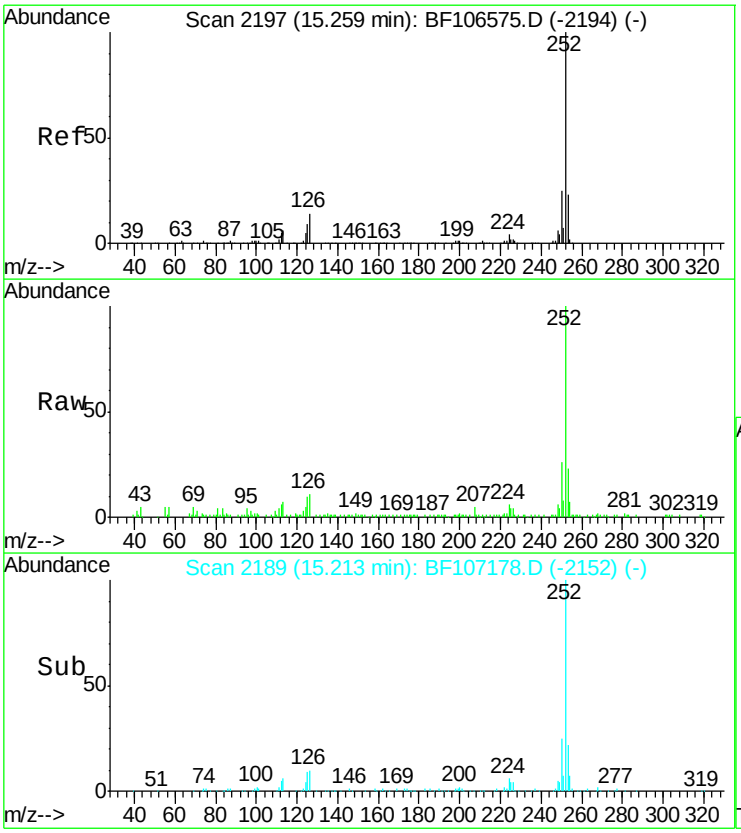
#87
Benzo(b)fluoranthene
Concen: 12.946 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:252 Resp: 130222

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.2	9.0	13.6

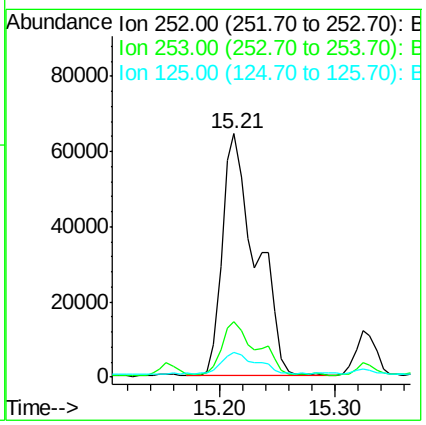


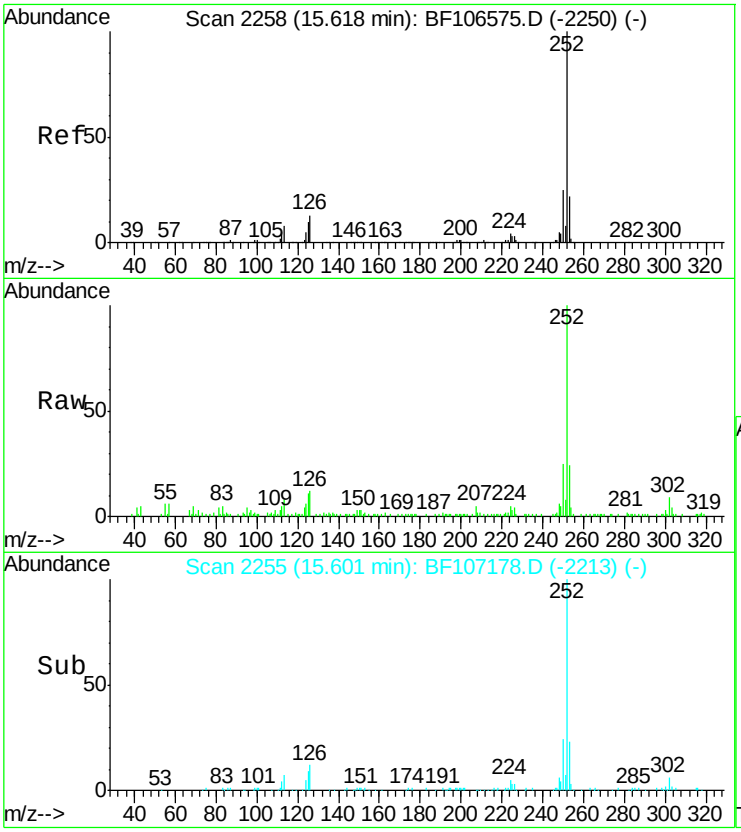


#88
Benzo(k)fluoranthene
Concen: 13.592 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.08 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:252 Resp: 130207

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



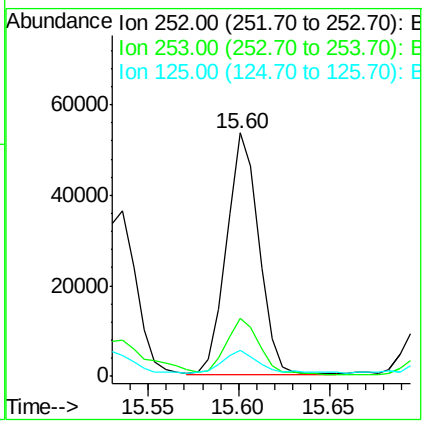


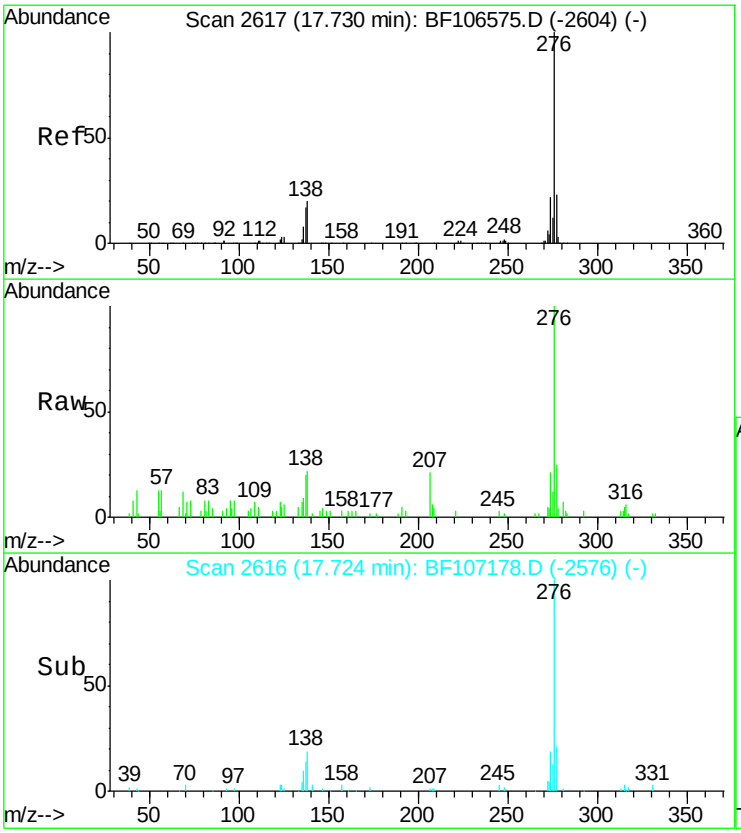
#89
Benzo(a)pyrene
Concen: 7.451 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-TP-5-S

Tgt Ion:252 Resp: 66628

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.327 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF107178.D
Acq: 6 Jul 2018 17:40

Tgt Ion:276 Resp: 32055

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