Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106676.D
Acq On : 21 Jun 2018 22:16
Operator : JU/SJ
Sample : J3558-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 03:24:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64787	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	235913	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	106461	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	182053	20.00	ng		0.00
75) Chrysene-d12	14.14	240	194185	20.00	ng		-0.01
86) Perylene-d12	15.68	264	149751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	340977	89.12	ng		0.00
7) Phenol-d6	6.60	99	420923	88.10	ng		0.00
23) Nitrobenzene-d5	7.52	82	266652	62.81	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	106206	86.07	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	481235	74.73	ng		0.00
78) Terphenyl-d14	13.08	244	502201	62.65	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	34868	11.071	ng	#	74
25) Isophorone	7.52	82	266647	35.646	ng	#	64
49) Dimethylphthalate	9.71	163	34681	4.343	ng		99
50) 2,6-Dinitrotoluene	10.00	165	13434	7.945	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	13434	6.087	ng	#	21
66) 4-Bromophenyl-phenylether	10.80	248	6720	3.093	ng	#	1
74) Fluoranthene	12.71	202	31764	3.282	ng		98
77) Pyrene	12.94	202	30558	2.386	ng		98
87) Benzo(b)fluoranthene	15.22	252	28270	3.039	ng	#	92
88) Benzo(k)fluoranthene	15.22	252	28270	3.191	ng		95

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
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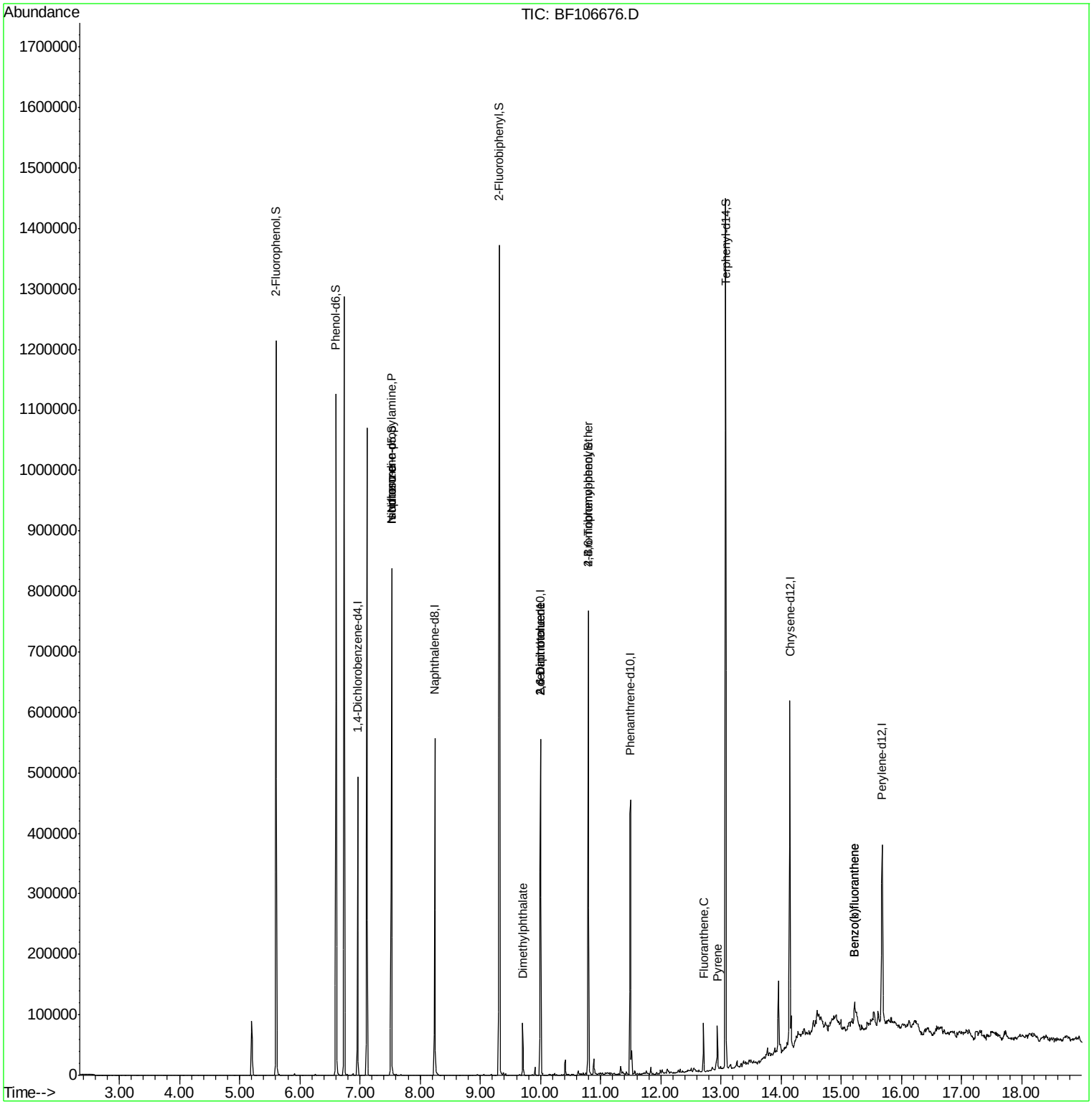
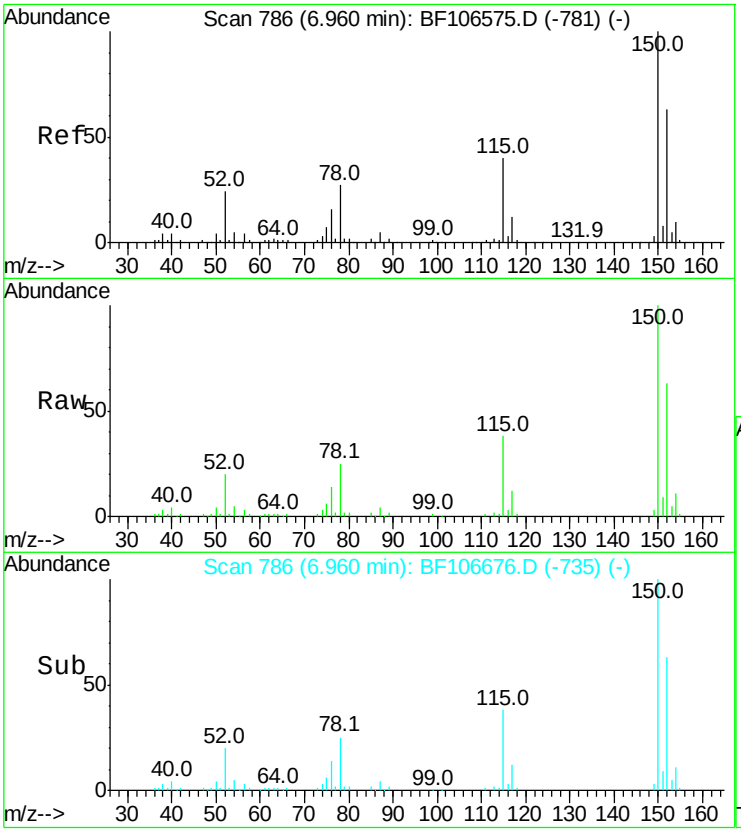


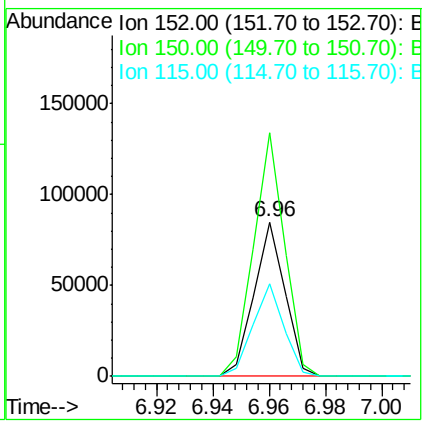


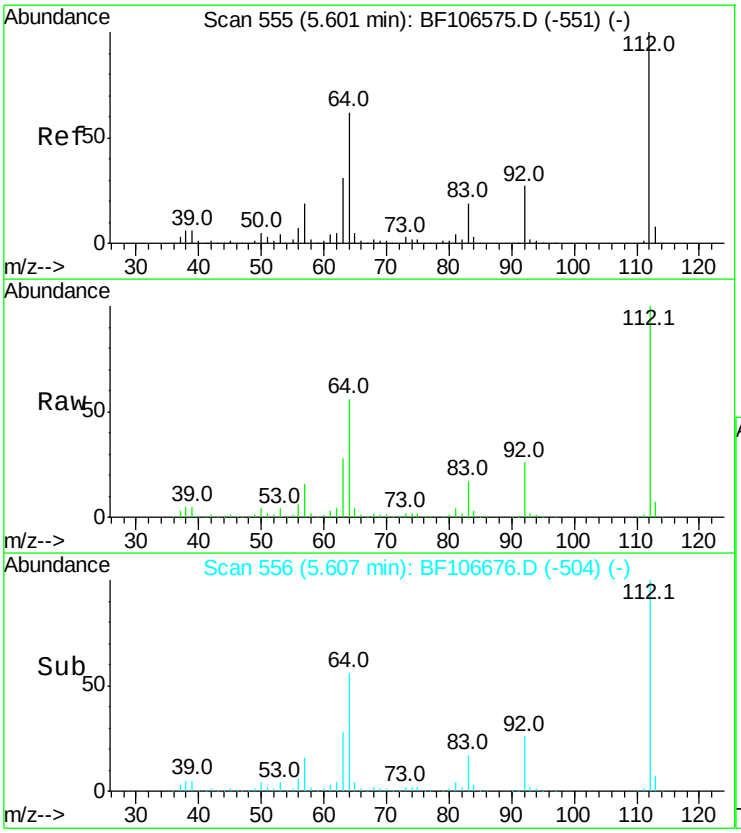
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64787

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.3	50.1	75.1

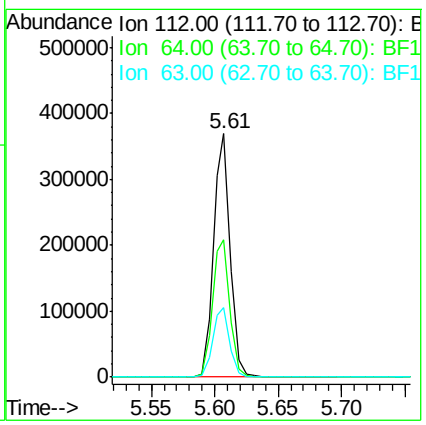


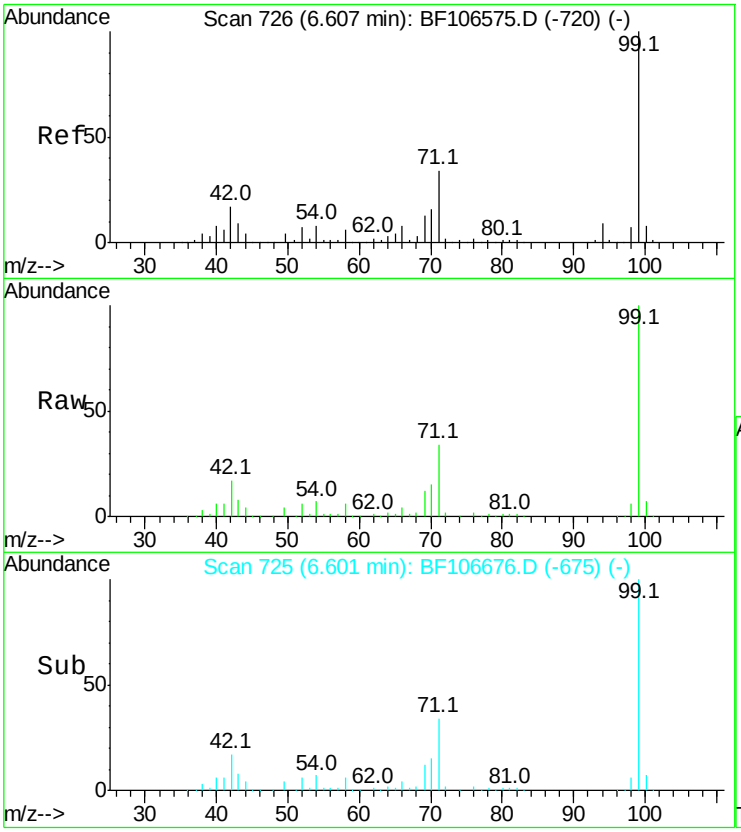


#5
2-Fluorophenol
Concen: 89.120 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:112 Resp: 340977

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.5	23.7	35.5



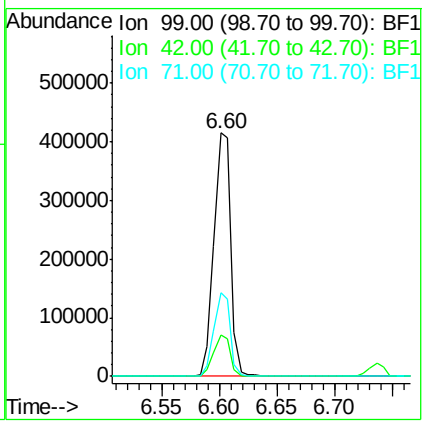


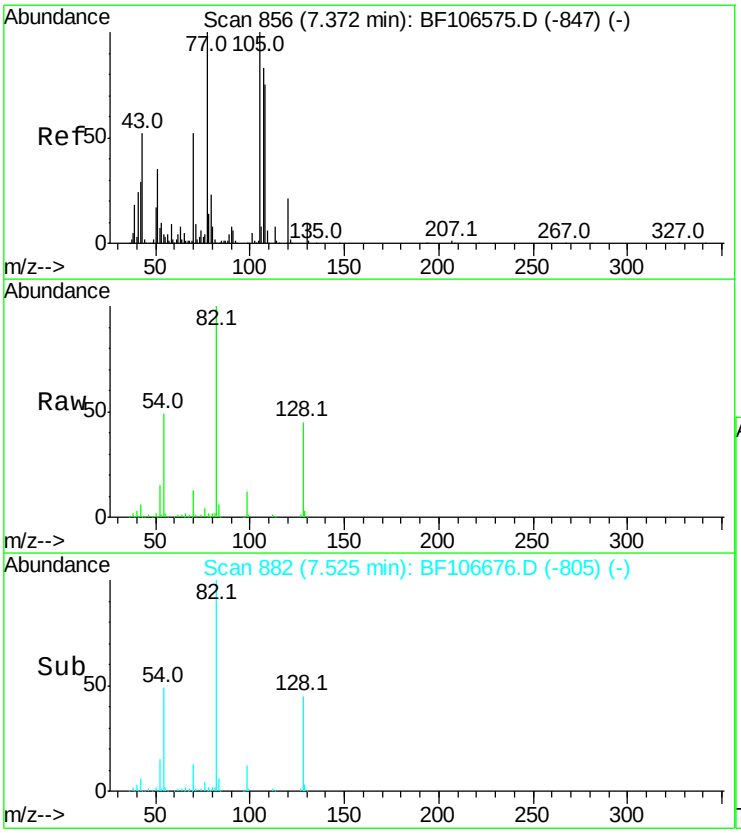
#7
Phenol-d6
Concen: 88.096 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 420923

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	34.3	25.4	38.0

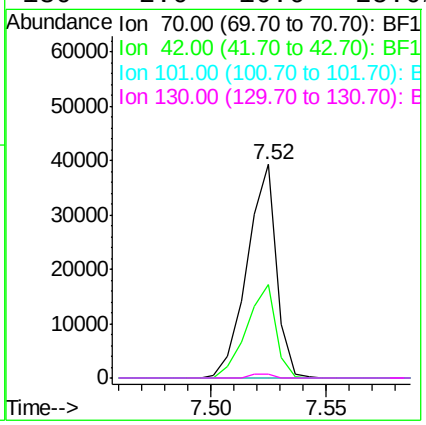


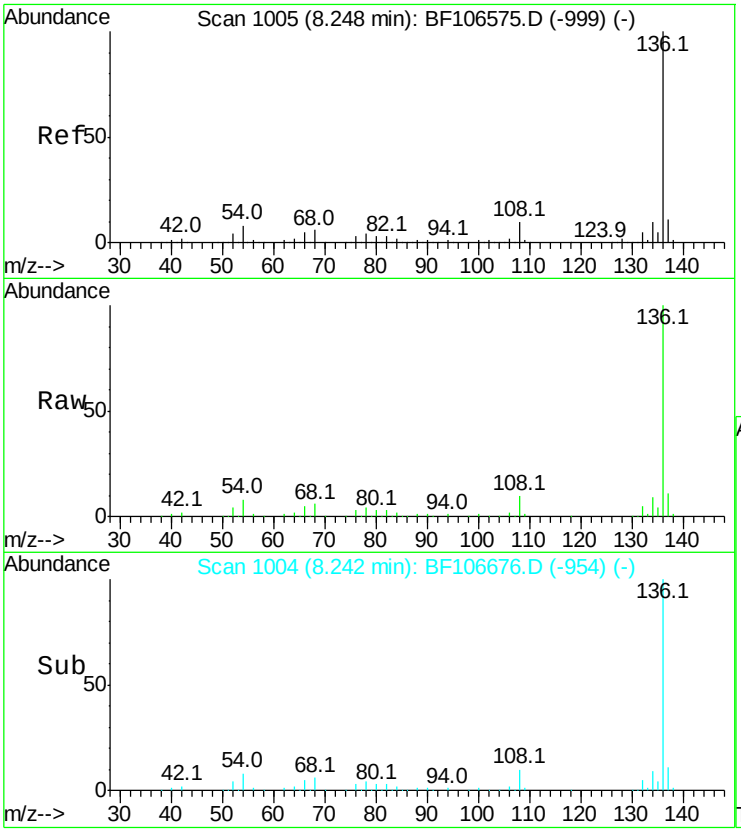


#19
n-Nitroso-di-n-propylamine
Concen: 11.071 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion: 70 Resp: 34868

Ion	Ratio	Lower	Upper
70	100		
42	43.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



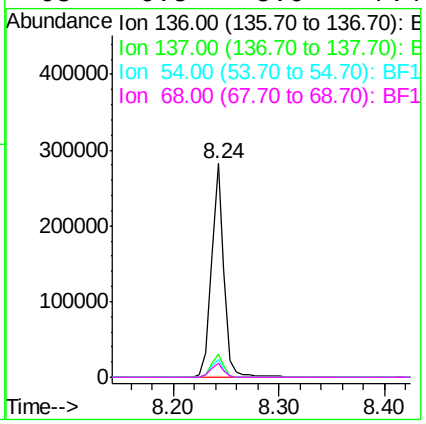


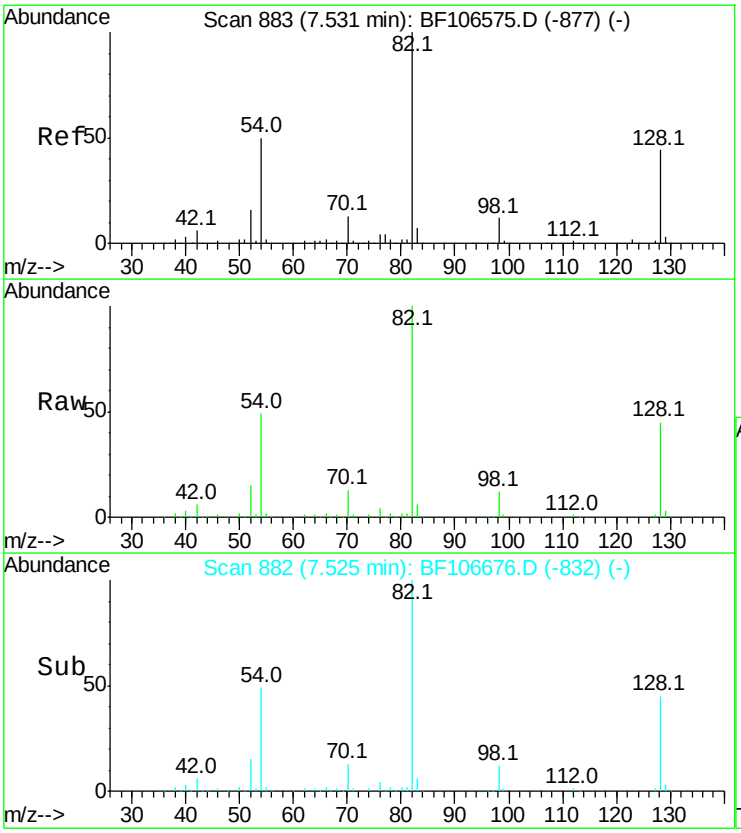
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 235913

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

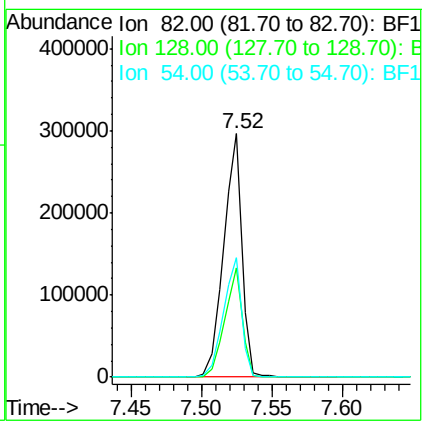


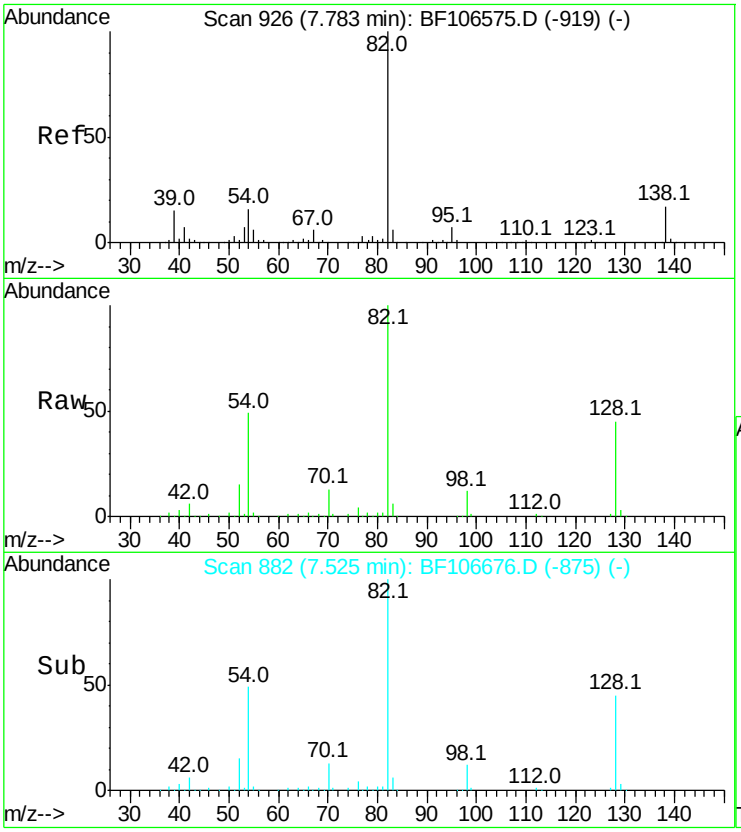


#23
Nitrobenzene-d5
Concen: 62.815 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion: 82 Resp: 266652

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	49.0	41.4	62.2



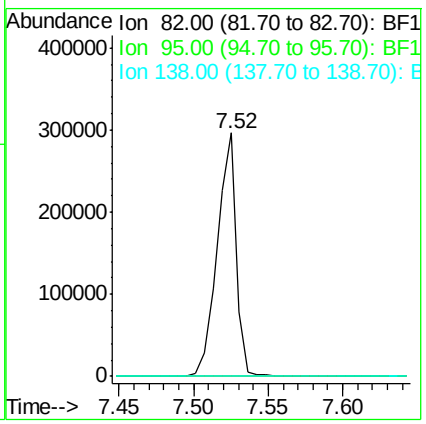


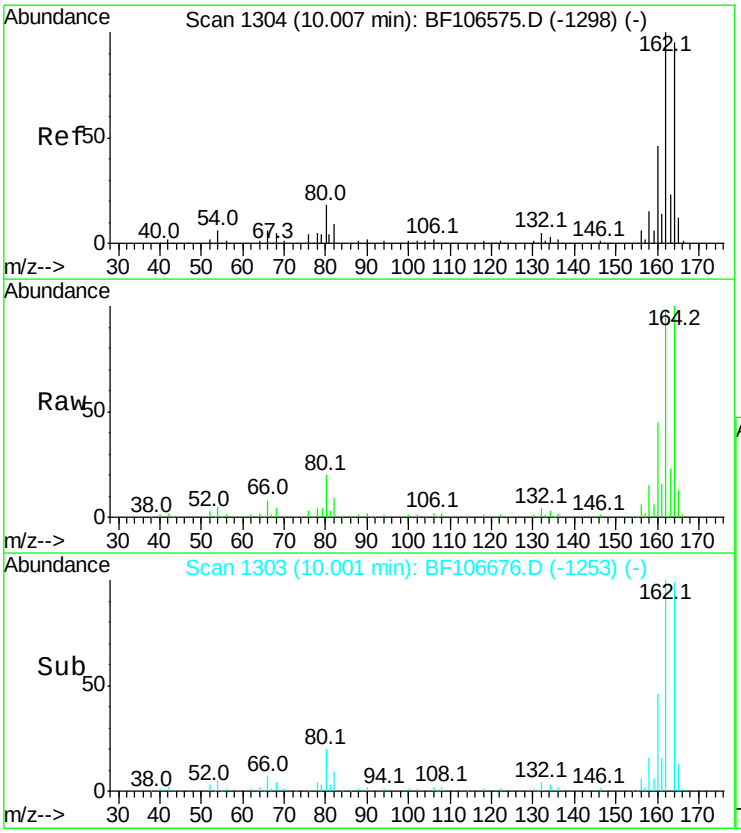
#25
Isophorone
Concen: 35.646 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 266647

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

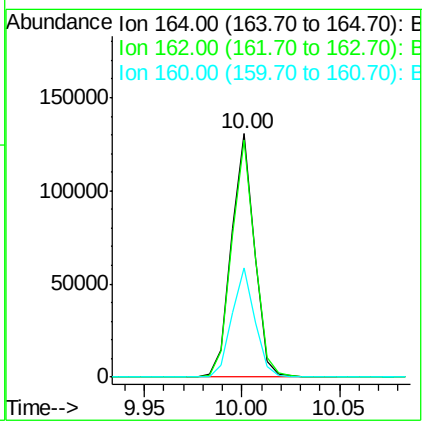


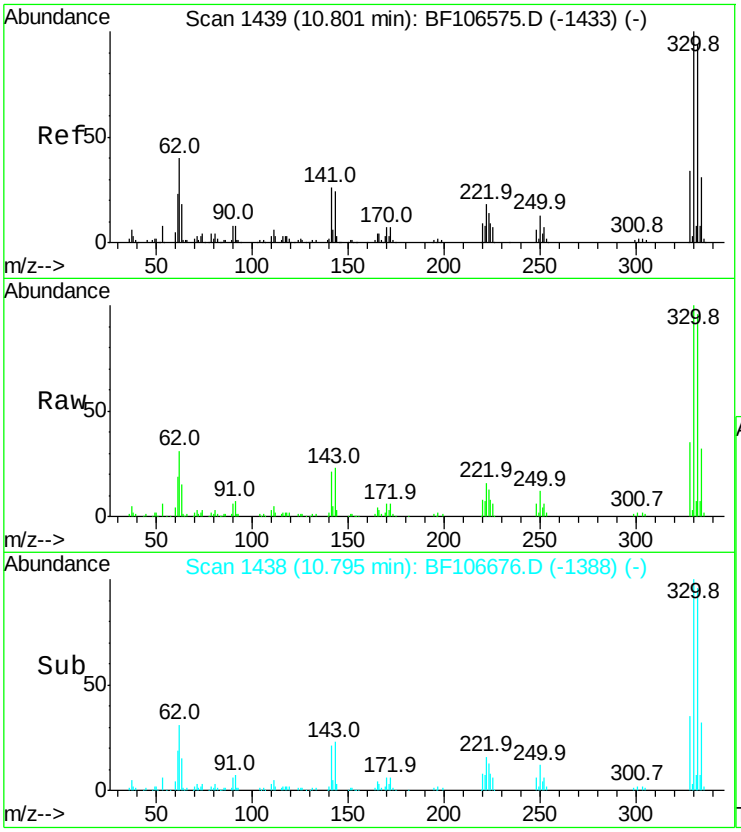


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:164 Resp: 106461

Ion	Ratio	Lower	Upper
164	100		
162	97.6	86.1	129.1
160	44.8	38.3	57.5



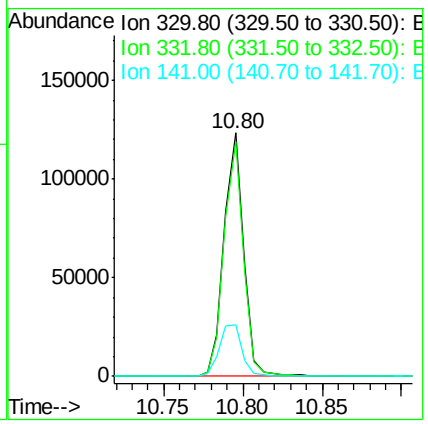


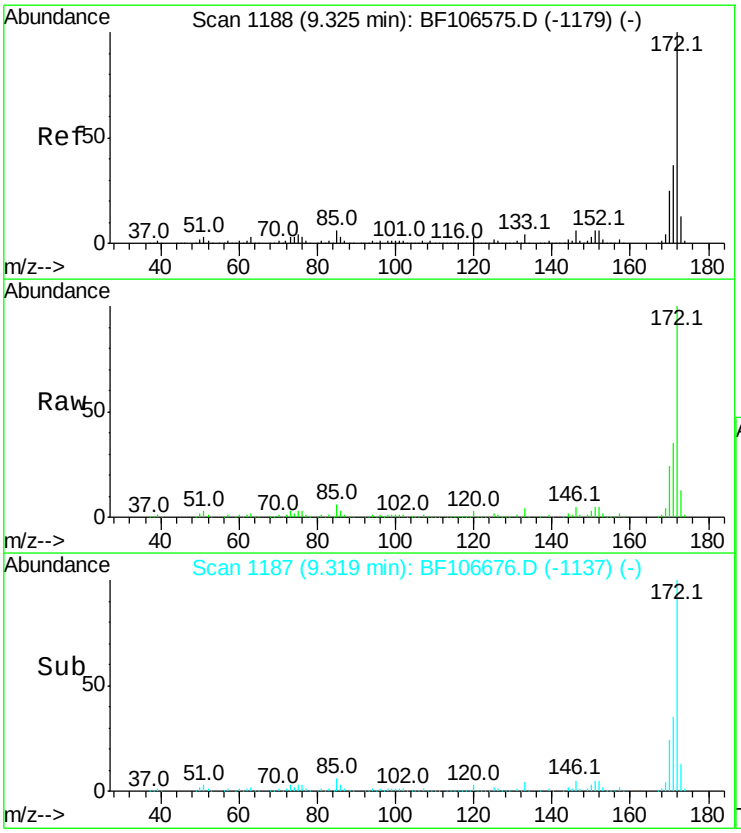
#41
2,4,6-Tribromophenol
Concen: 86.073 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 106206

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	24.2	29.9	44.9#

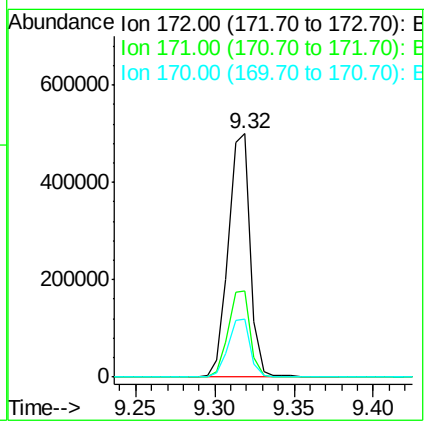


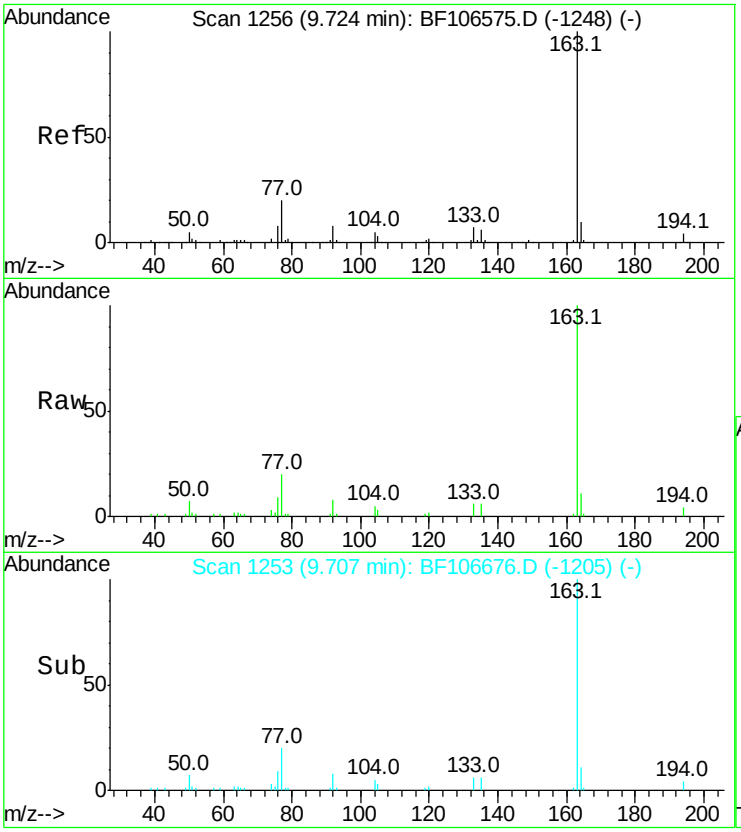


#44
2-Fluorobiphenyl
Concen: 74.729 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:172 Resp: 481235

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.0	19.6	29.4



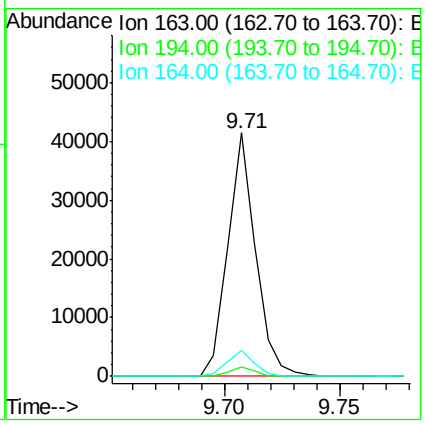


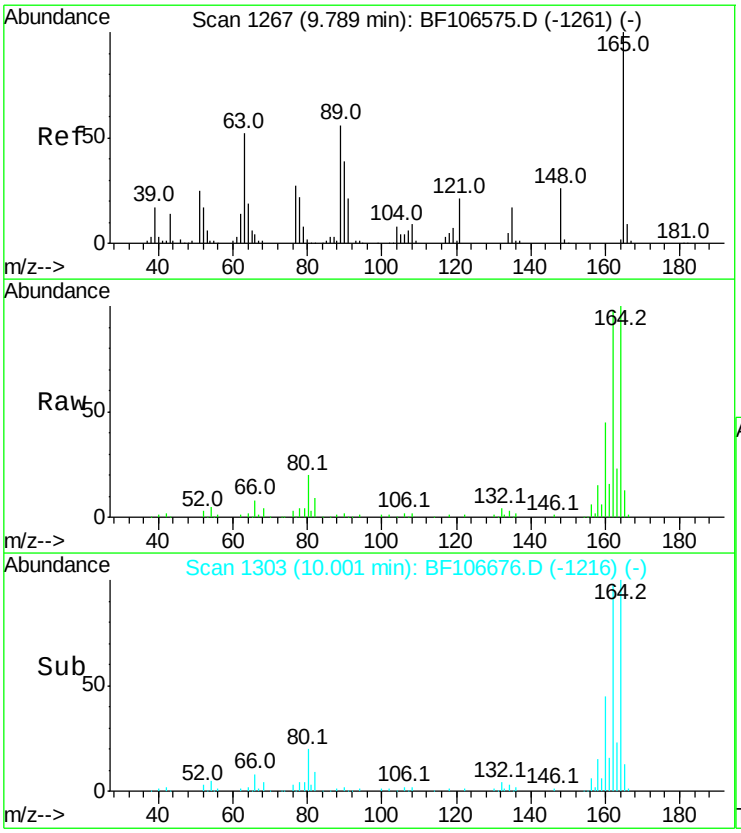
#49
Dimethylphthalate
Concen: 4.343 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 34681

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2

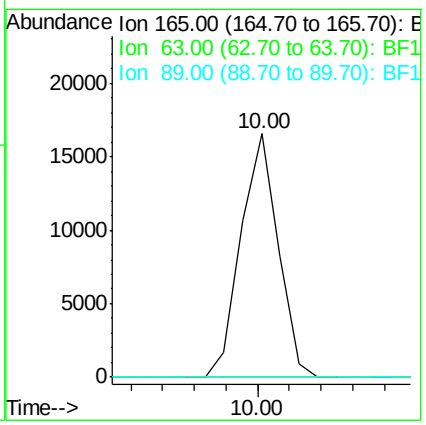


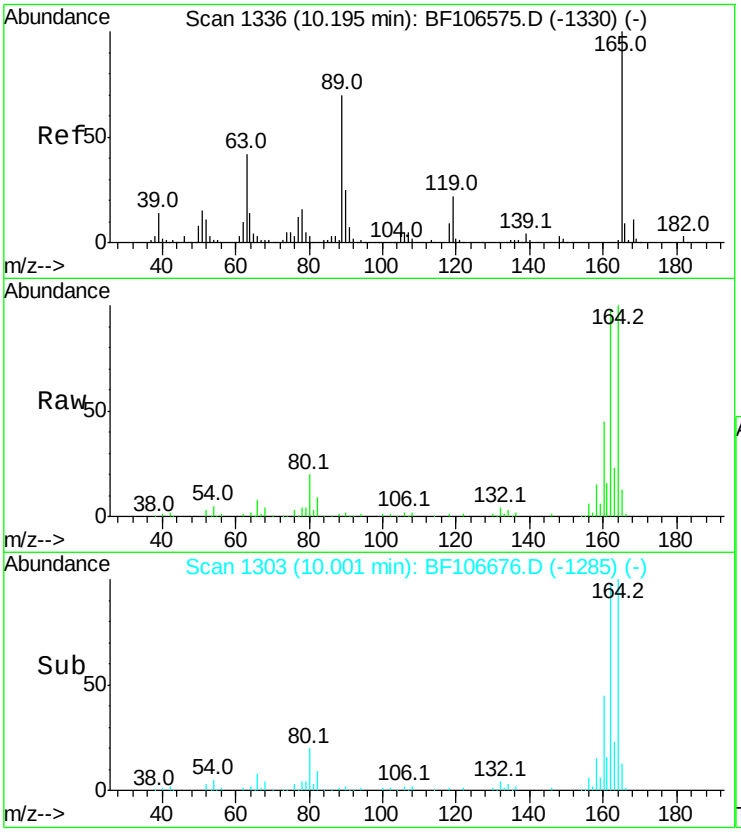


#50
2,6-Dinitrotoluene
Concen: 7.945 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:165 Resp: 13434

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



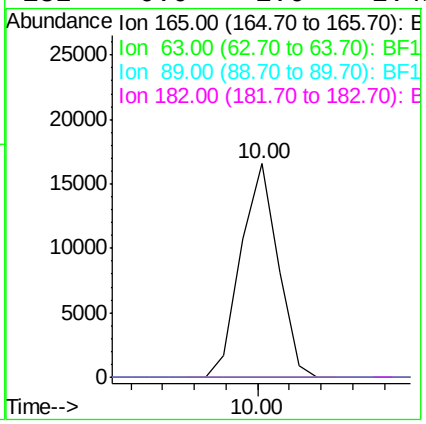


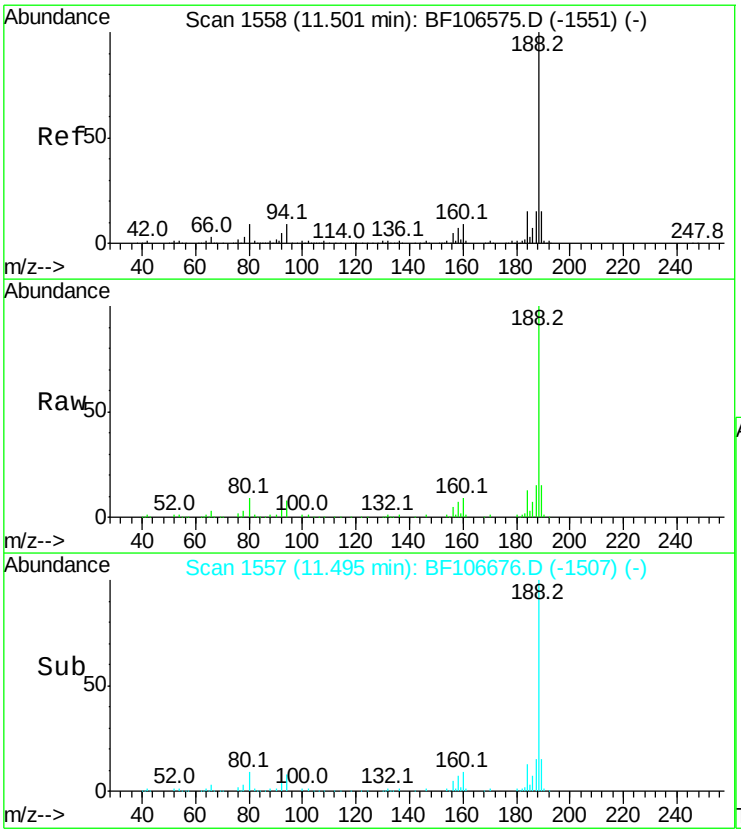
#56
2,4-Dinitrotoluene
Concen: 6.087 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13434

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#

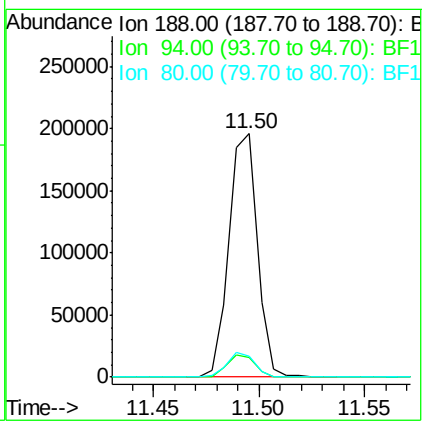


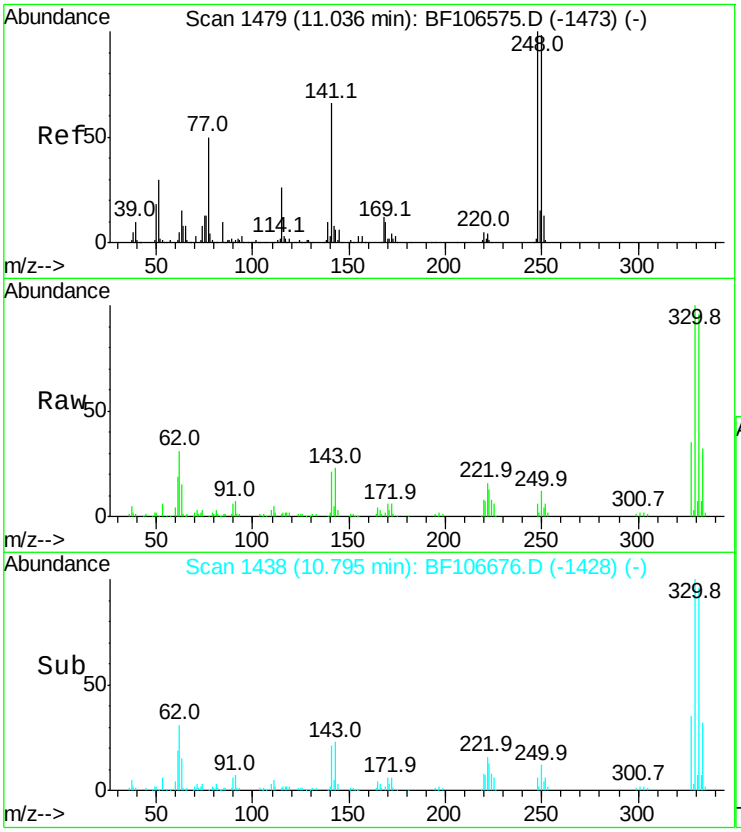


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:188 Resp: 182053

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.7	9.2	13.8#



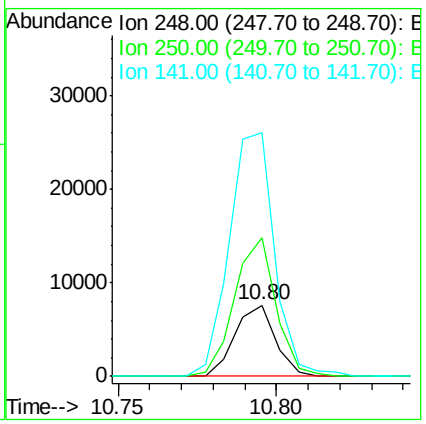


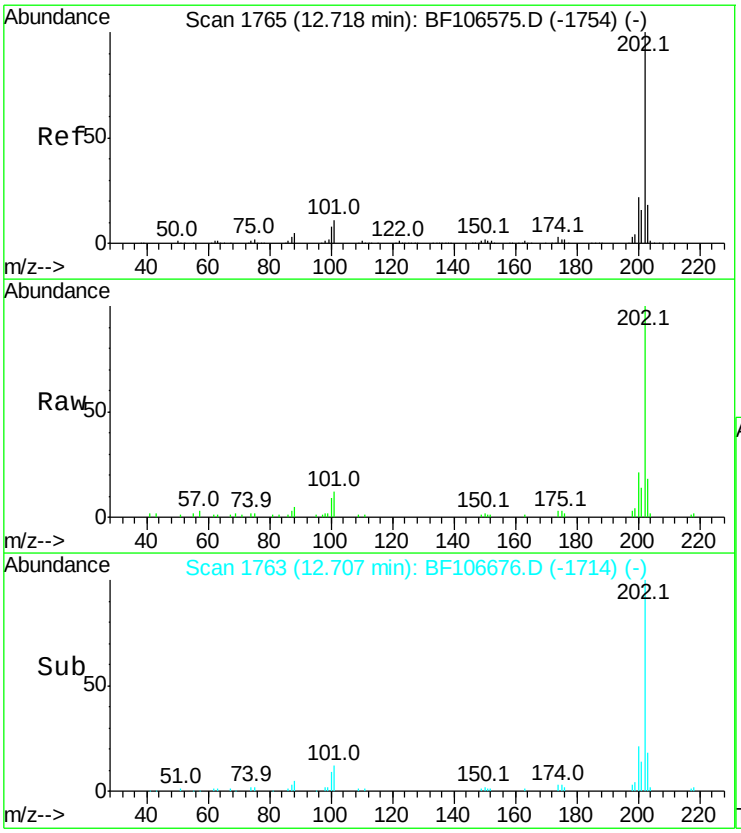
#66
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6720

Ion	Ratio	Lower	Upper
248	100		
250	194.7	76.9	115.3#
141	341.4	74.4	111.6#

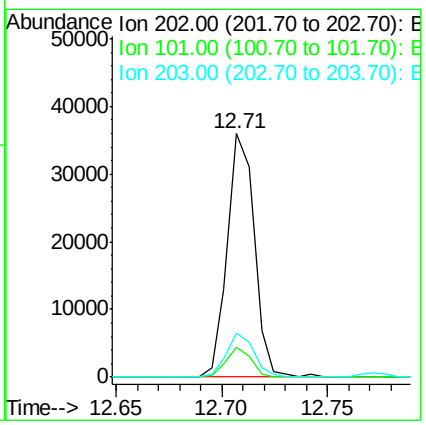


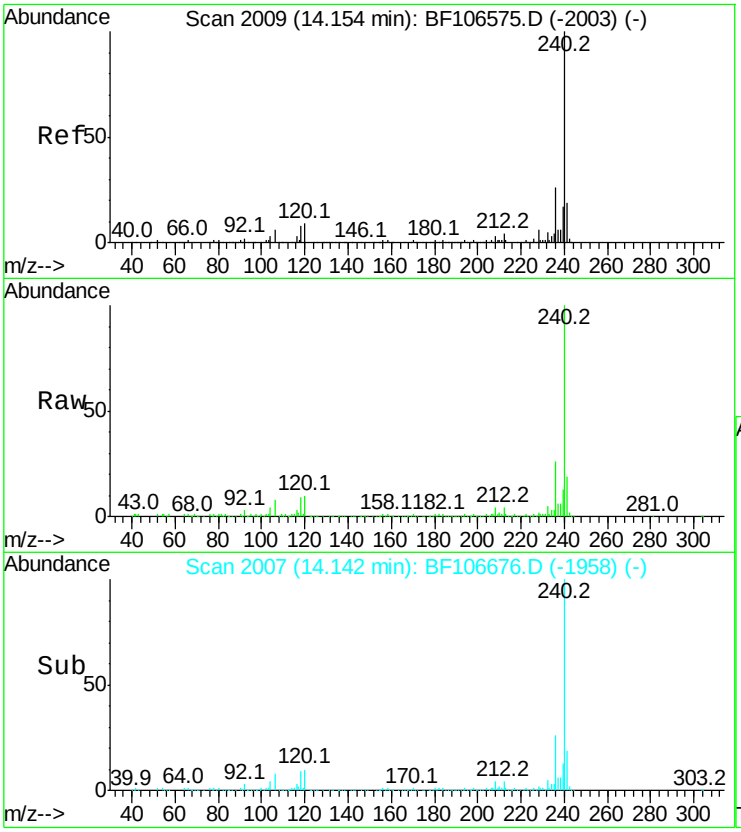


#74
Fluoranthene
Concen: 3.282 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:202 Resp: 31764

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	18.0	0.0	38.1



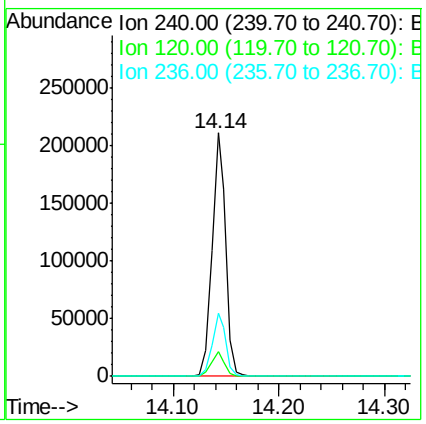


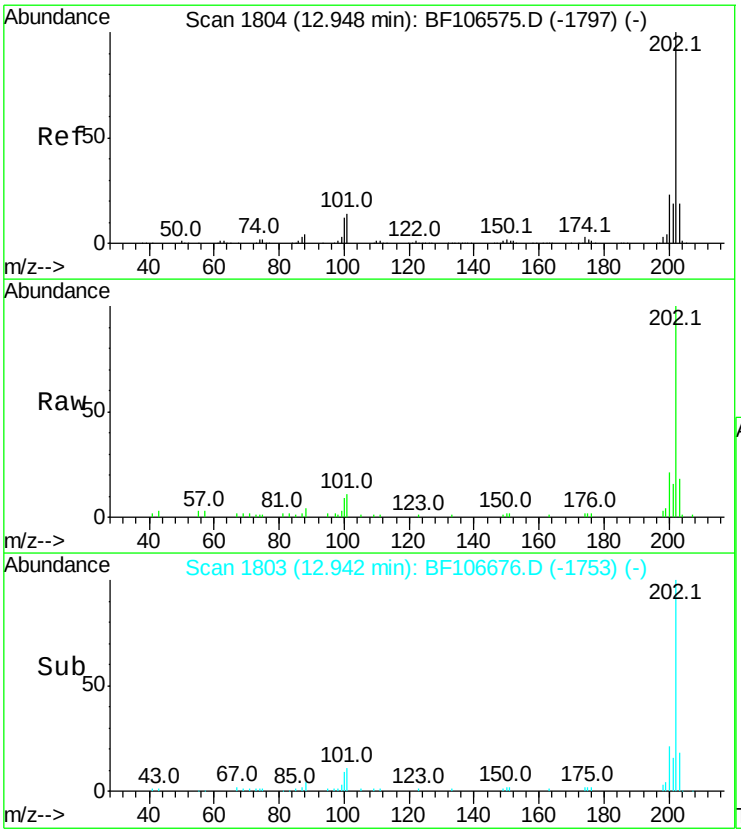
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 194185

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	25.8	20.7	31.1

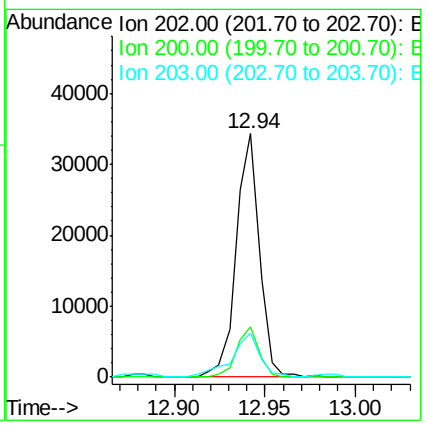


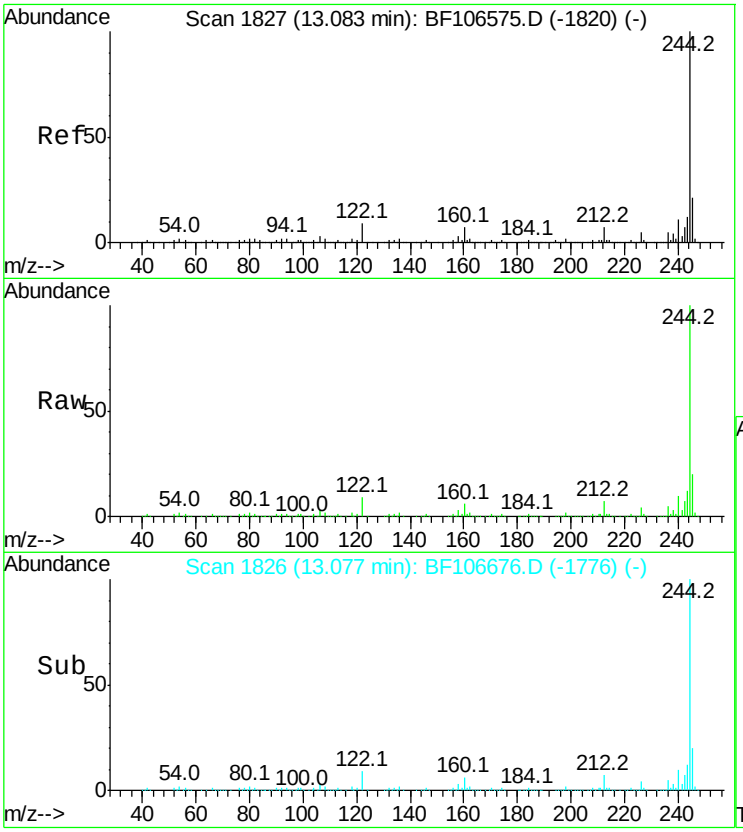


#77
Pyrene
Concen: 2.386 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:202 Resp: 30558

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.8	14.3	21.5



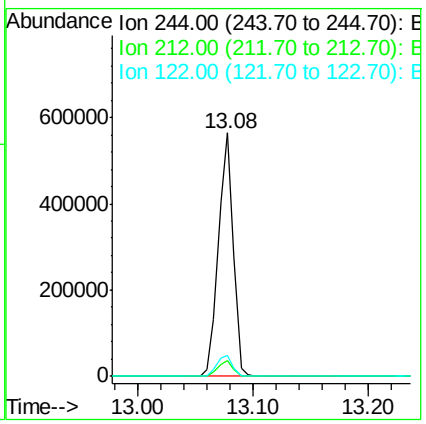


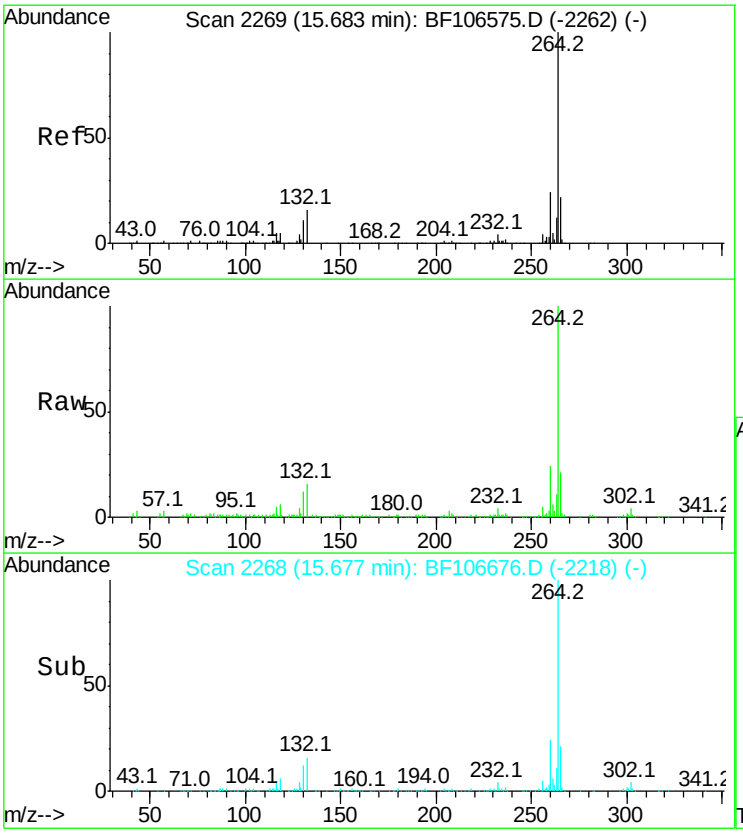
#78
Terphenyl-d14
Concen: 62.645 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 502201

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.7	11.0	16.4#

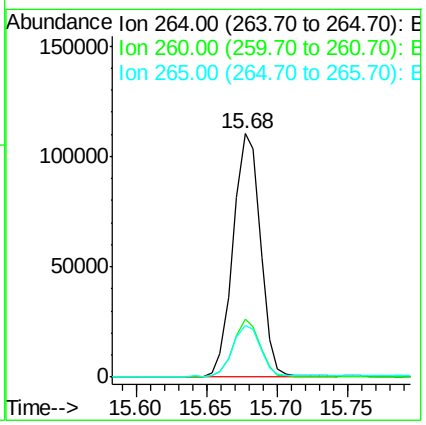


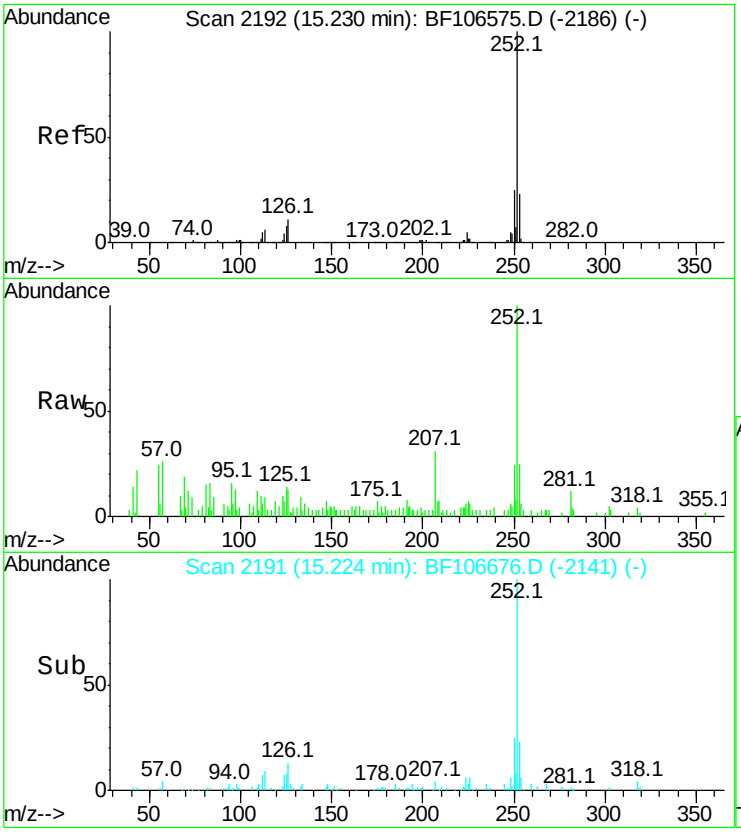


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:264 Resp: 149751

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3



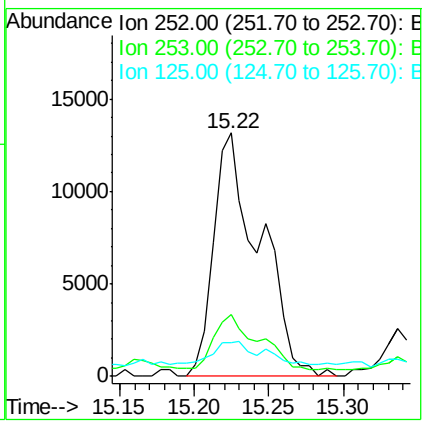


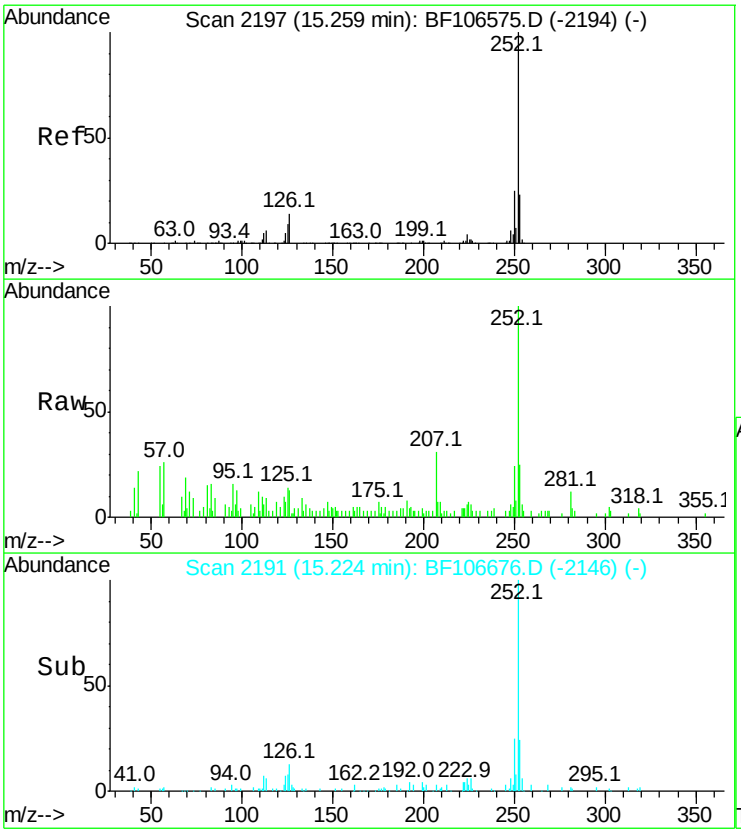
#87
Benzo(b)fluoranthene
Concen: 3.039 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28270

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	13.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.191 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion:252 Resp: 28270

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	13.6	10.2	15.2