Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106681.D
Acq On : 22 Jun 2018 00:29
Operator : JU/SJ
Sample : J3245-13 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 22 03:25:32 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	60671	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	218871	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	99503	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	189651	20.00	ng		0.00
75) Chrysene-d12	14.15	240	165264	20.00	ng		0.00
86) Perylene-d12	15.68	264	118180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	131495	36.70	ng		0.00
7) Phenol-d6	6.60	99	159417	35.63	ng		0.00
23) Nitrobenzene-d5	7.52	82	91827	23.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	37102	32.17	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	180233	19.25	ng		-0.01
78) Terphenyl-d14	13.08	244	214537	31.44	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	11627	3.942	ng	#	74
25) Isophorone	7.52	82	91824	13.231	ng	#	64
49) Dimethylphthalate	9.71	163	21289	2.853	ng		100
50) 2,6-Dinitrotoluene	10.00	165	12781	8.088	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	12781	6.196	ng	#	21
70) Phenanthrene	11.52	178	36333	3.972	ng		98
74) Fluoranthene	12.71	202	151271	15.004	ng		96
77) Pyrene	12.94	202	160631	14.739	ng		99
80) Benzo(a)anthracene	14.14	228	83801	8.320	ng		95
82) Chrysene	14.17	228	69170	7.465	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	39118	4.974	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	104543	14.240	ng	#	88
88) Benzo(k)fluoranthene	15.22	252	104543	14.954	ng	#	91
89) Benzo(a)pyrene	15.62	252	59036	9.046	ng		95
91) Benzo(g,h,i)perylene	17.74	276	43602	8.065	ng	#	92

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

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Misc :
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BNA_F
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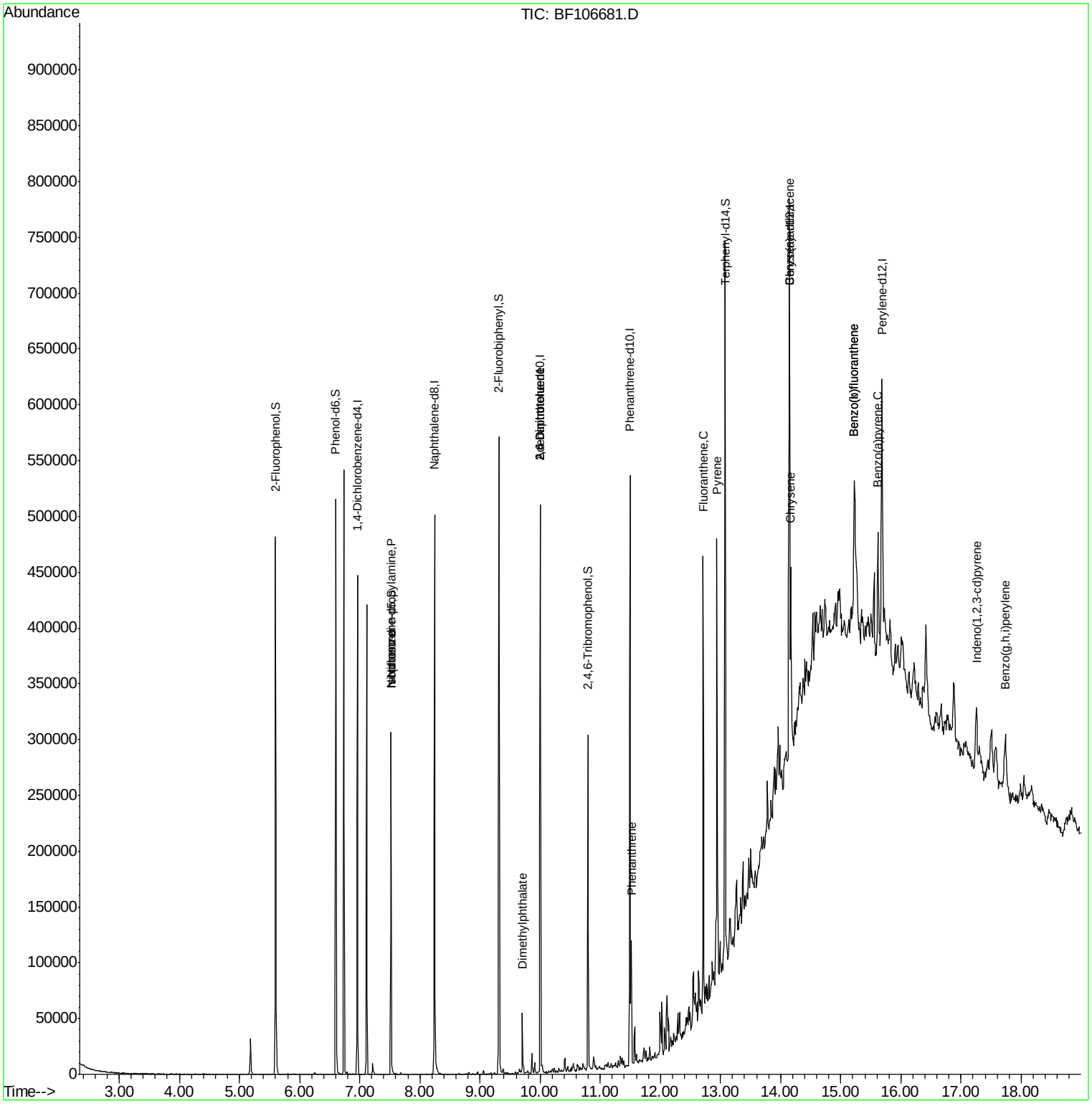
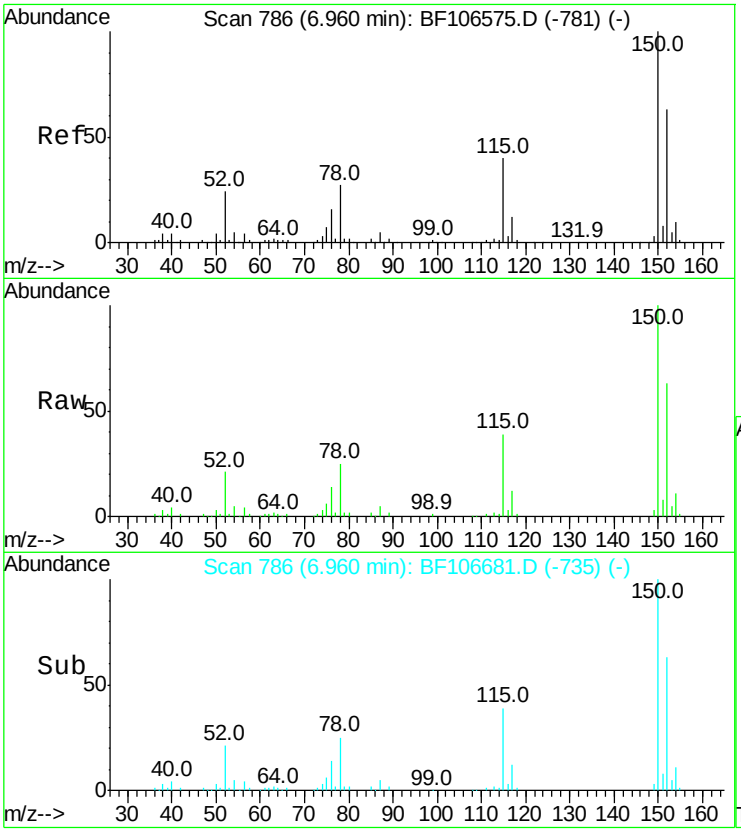


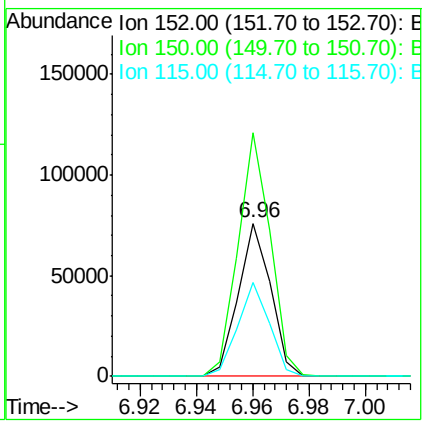


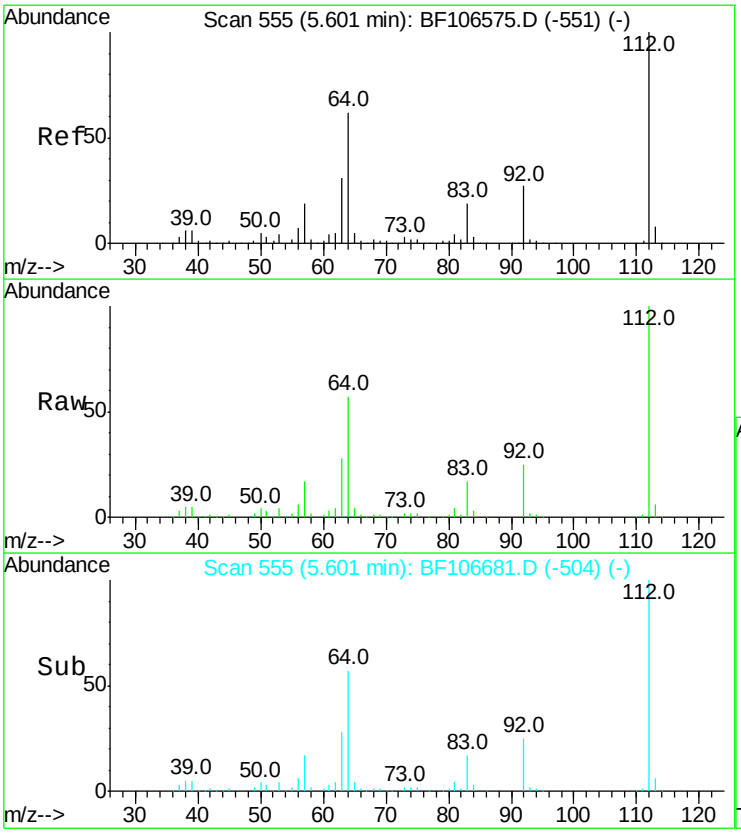
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60671

Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.5	50.1	75.1

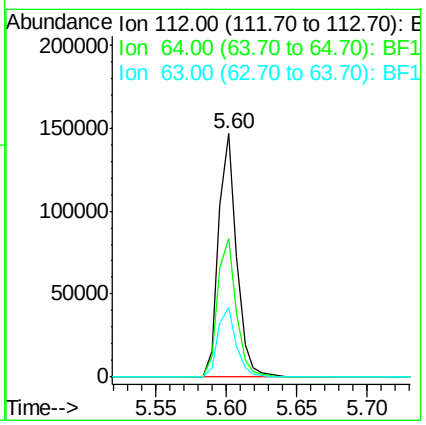


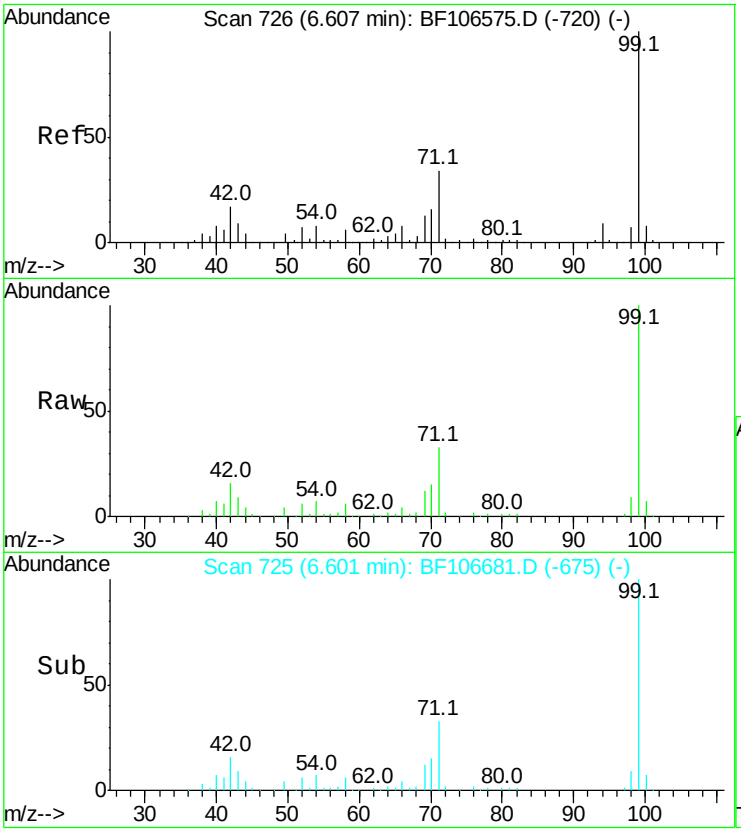


#5
2-Fluorophenol
Concen: 36.700 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:112 Resp: 131495

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.4	23.7	35.5



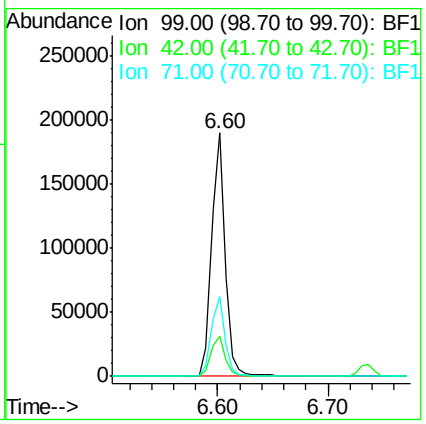


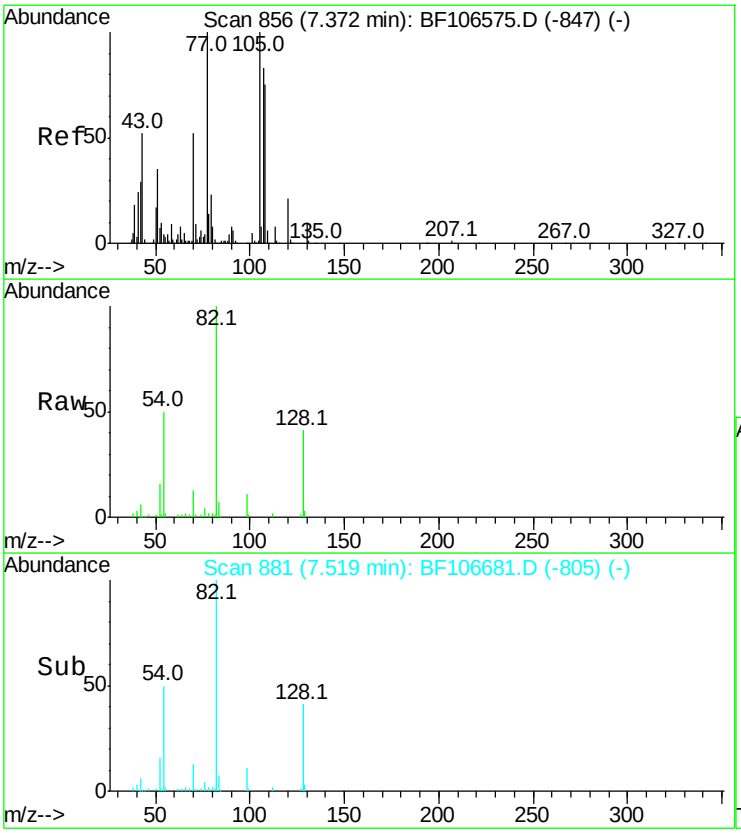
#7
Phenol-d6
Concen: 35.628 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 159417

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.0	25.4	38.0

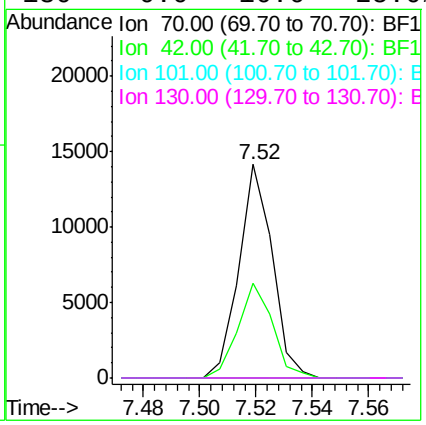


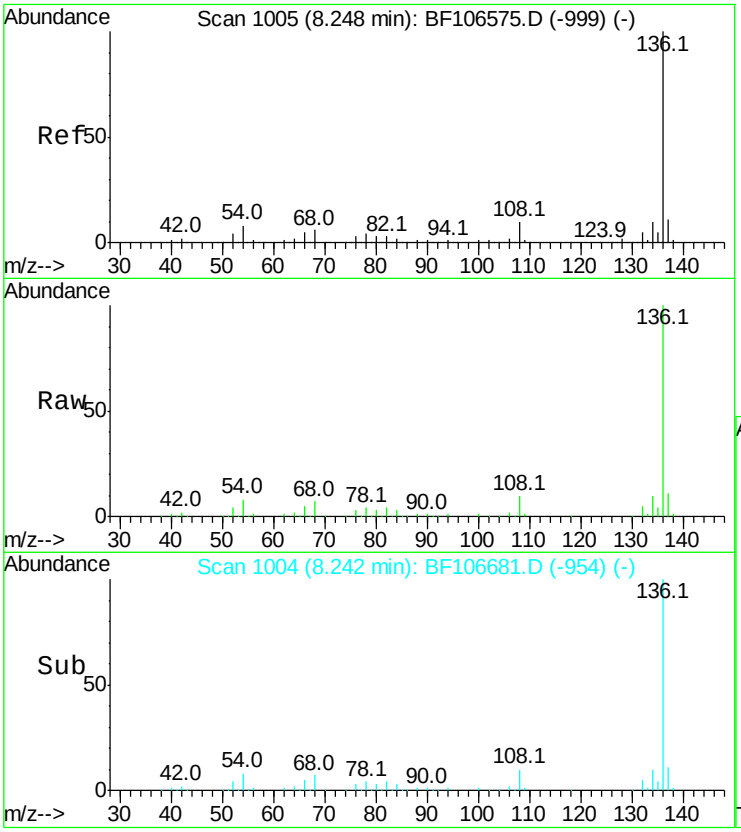


#19
n-Nitroso-di-n-propylamine
Concen: 3.942 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion: 70 Resp: 11627

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



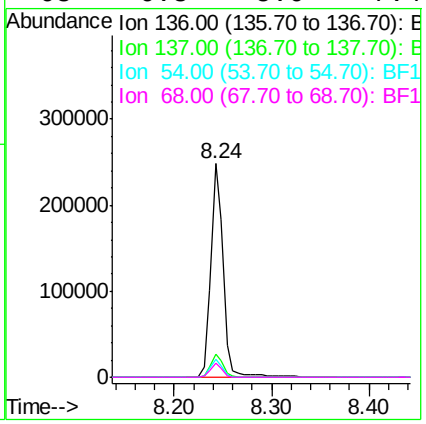


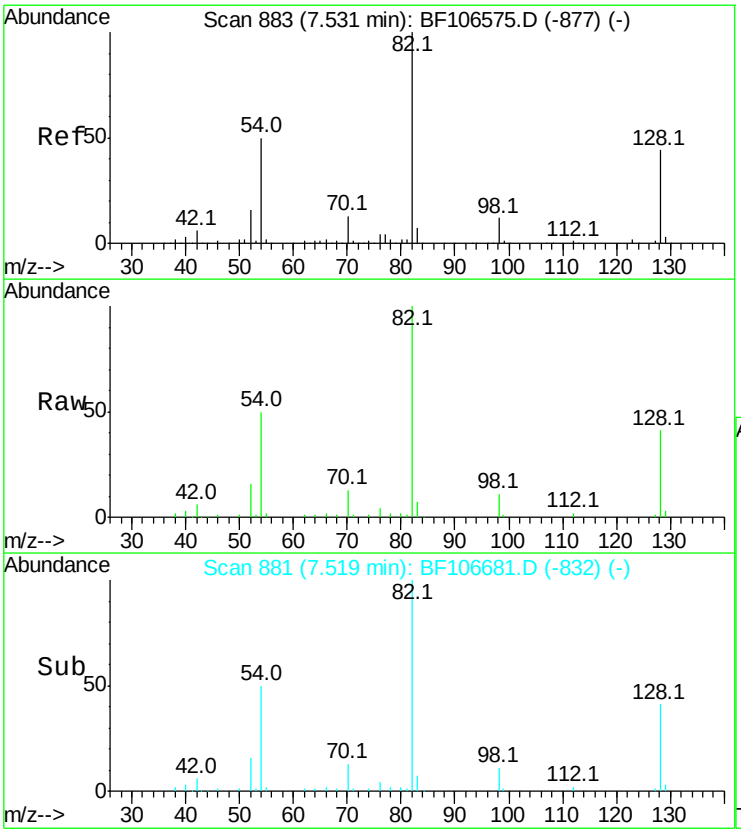
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 218871

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	6.6	9.8
68	6.8	5.0	7.4

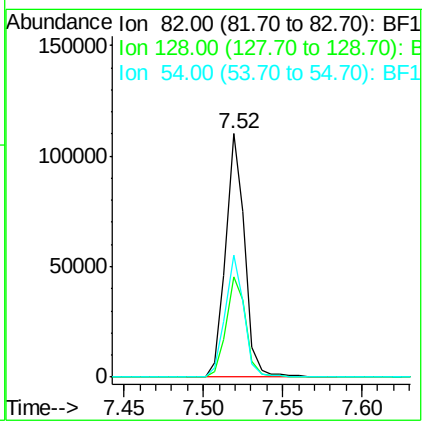


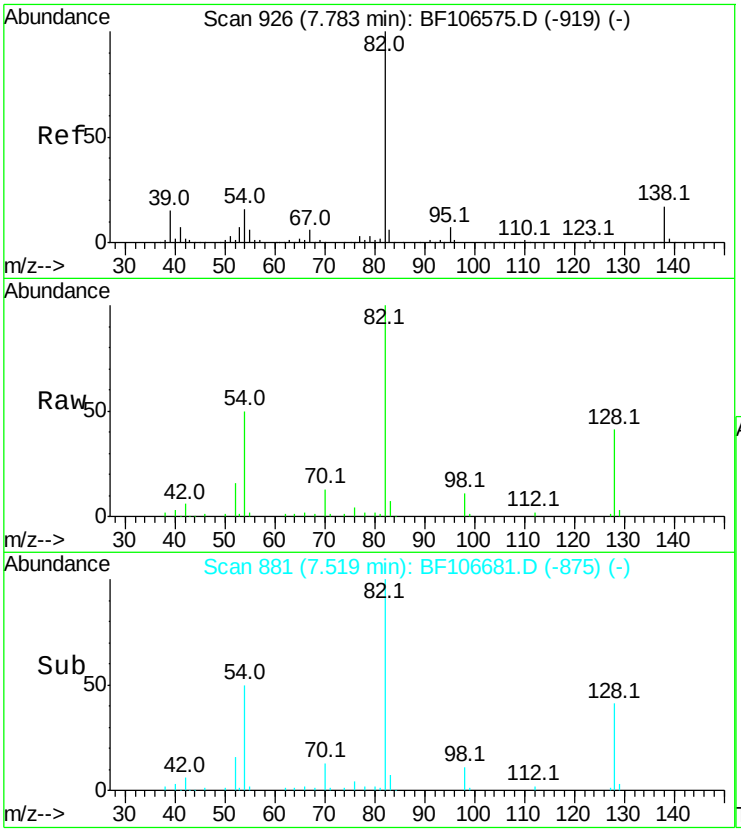


#23
Nitrobenzene-d5
Concen: 23.316 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion: 82 Resp: 91827

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	50.3	41.4	62.2



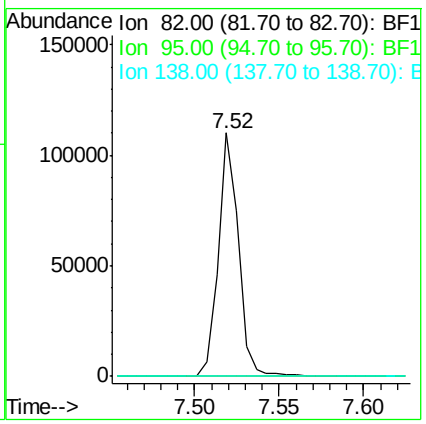


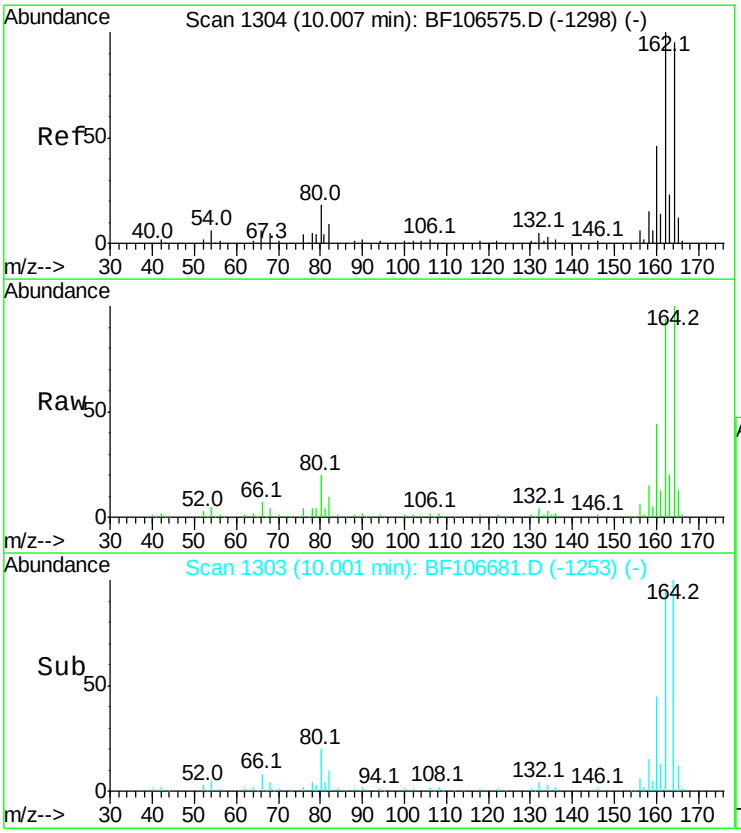
#25
Isophorone
Concen: 13.231 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91824

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

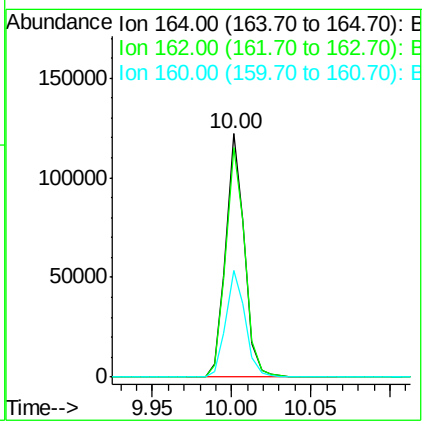


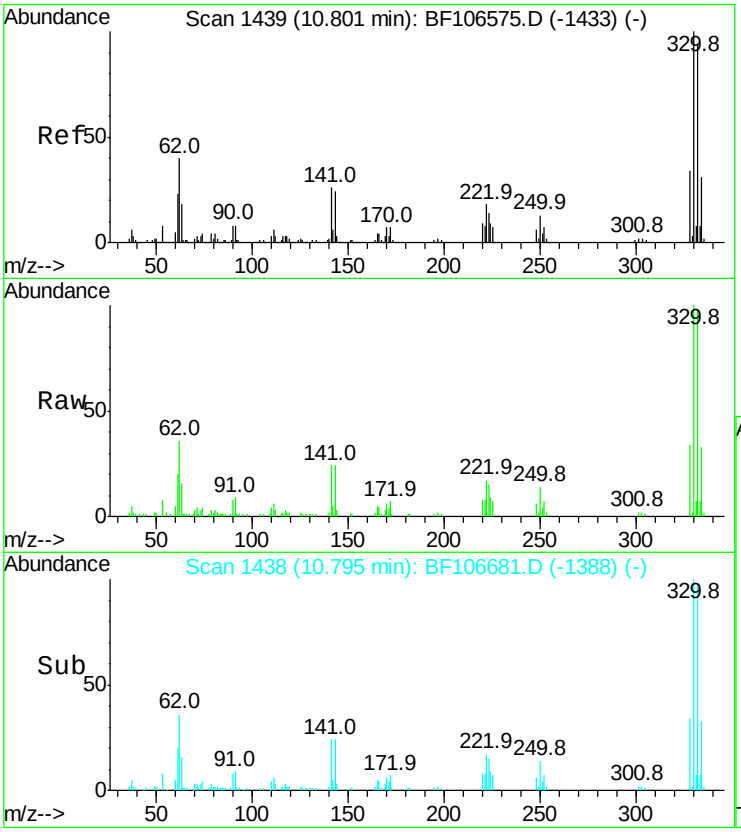


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:164 Resp: 99503

Ion	Ratio	Lower	Upper
164	100		
162	94.3	86.1	129.1
160	43.7	38.3	57.5



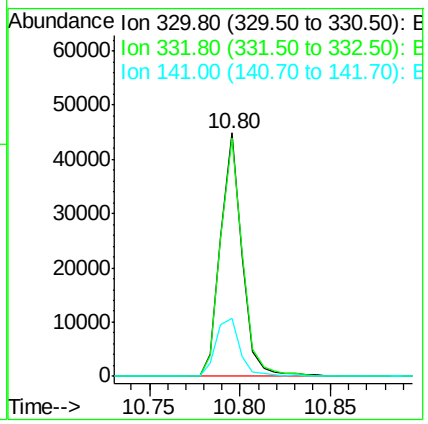


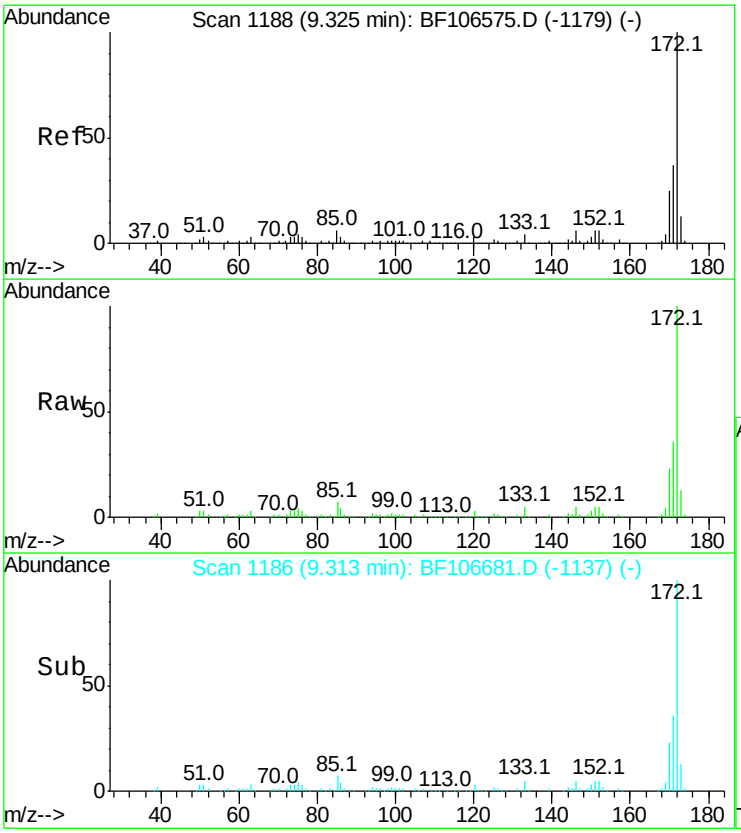
#41
2,4,6-Tribromophenol
Concen: 32.171 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 37102

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	26.9	29.9	44.9#

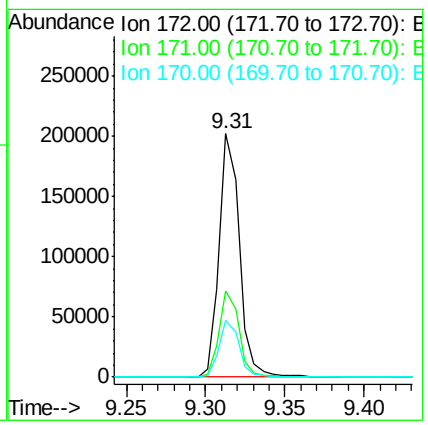


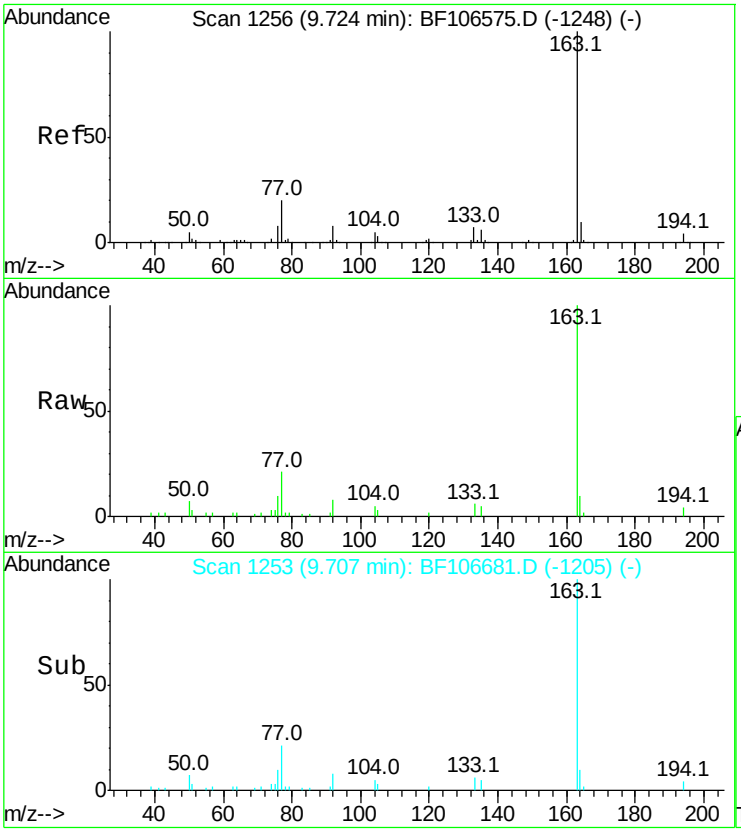


#44
2-Fluorobiphenyl
Concen: 19.248 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:172 Resp: 180233

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.3	19.6	29.4



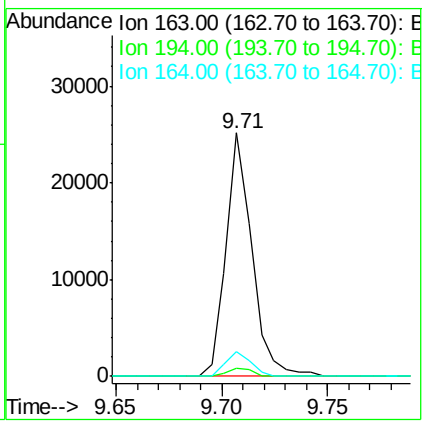


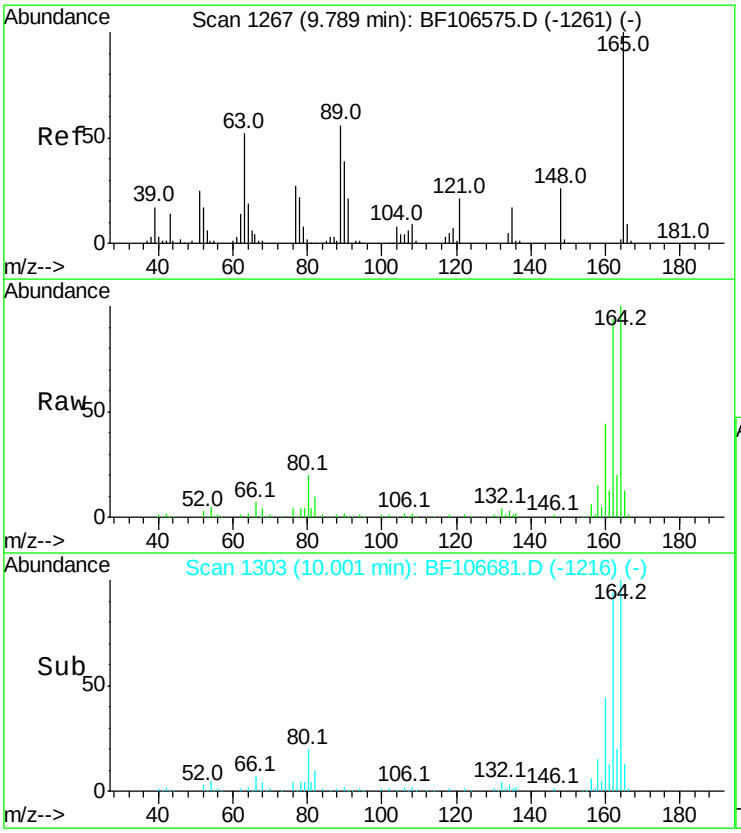
#49
Dimethylphthalate
Concen: 2.853 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 21289

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

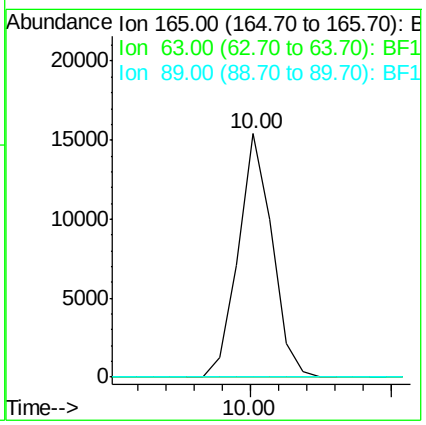


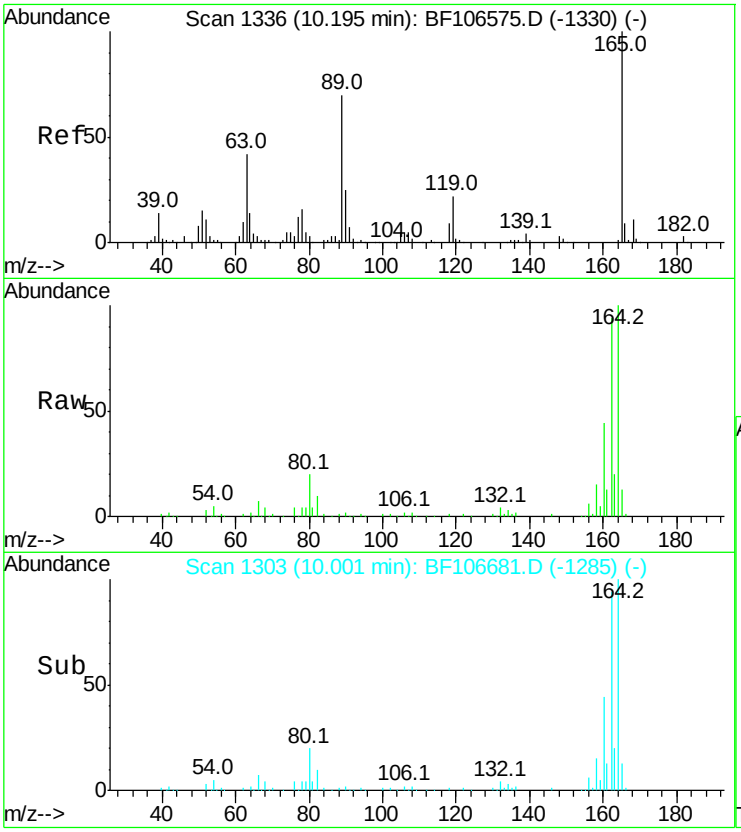


#50
2,6-Dinitrotoluene
Concen: 8.088 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:165 Resp: 12781

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



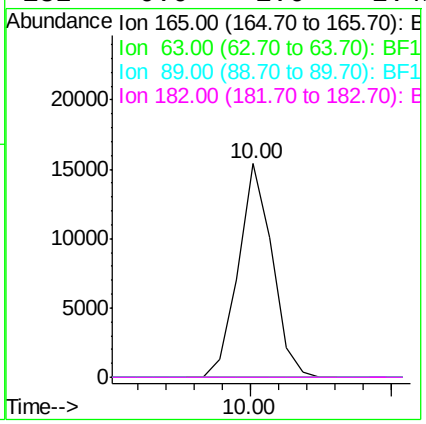


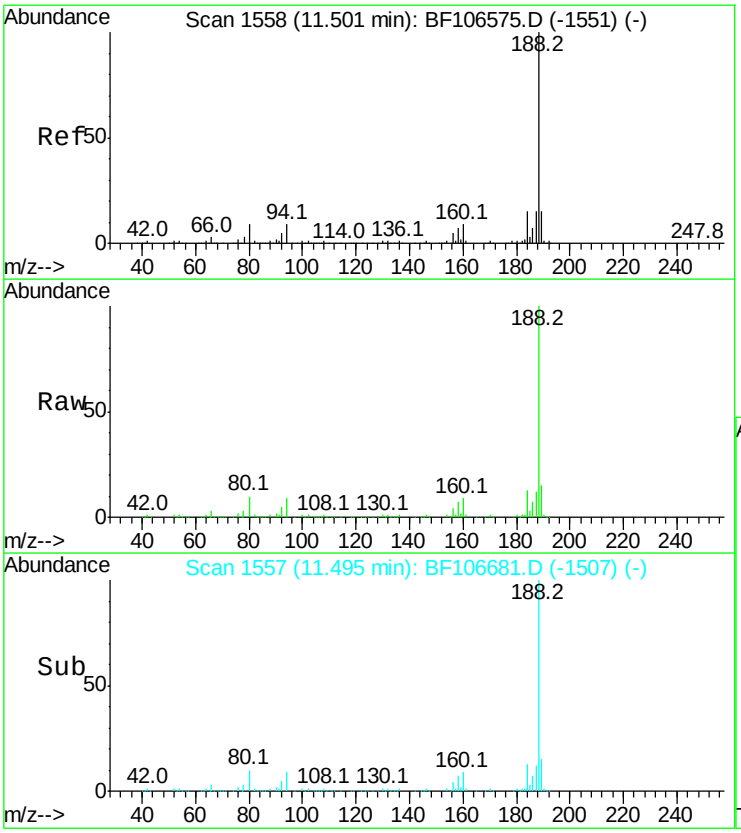
#56
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.19 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12781

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#

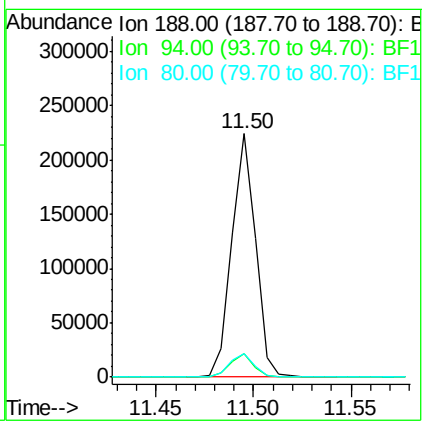


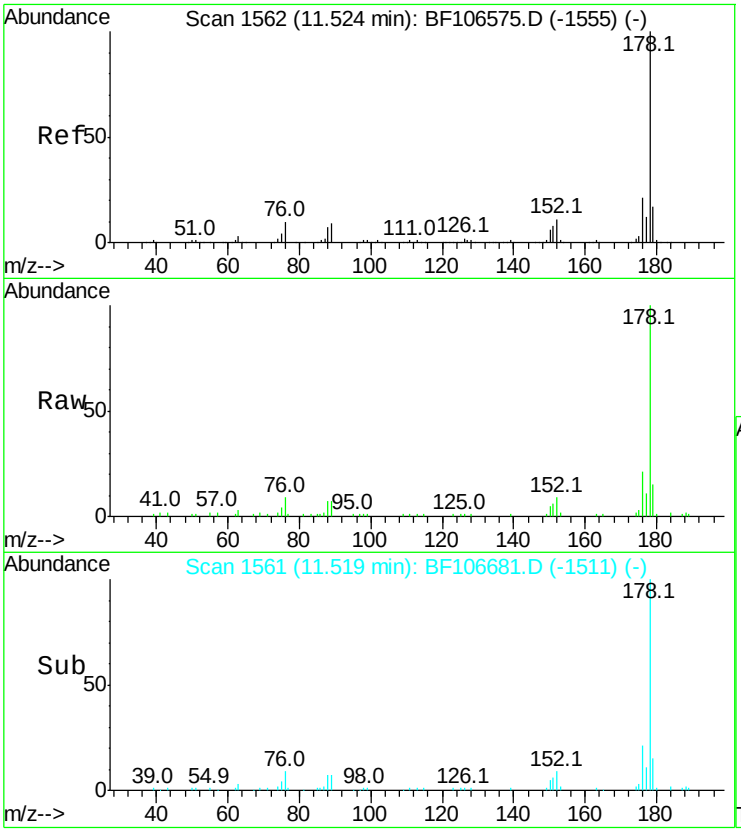


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:188 Resp: 189651

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8



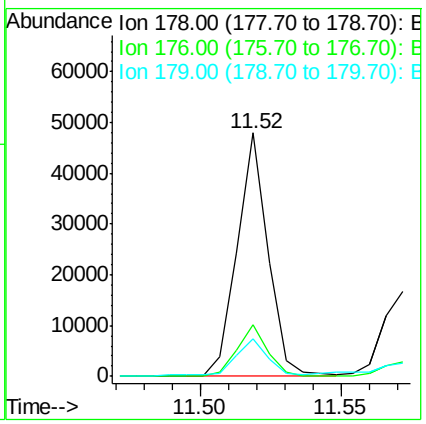


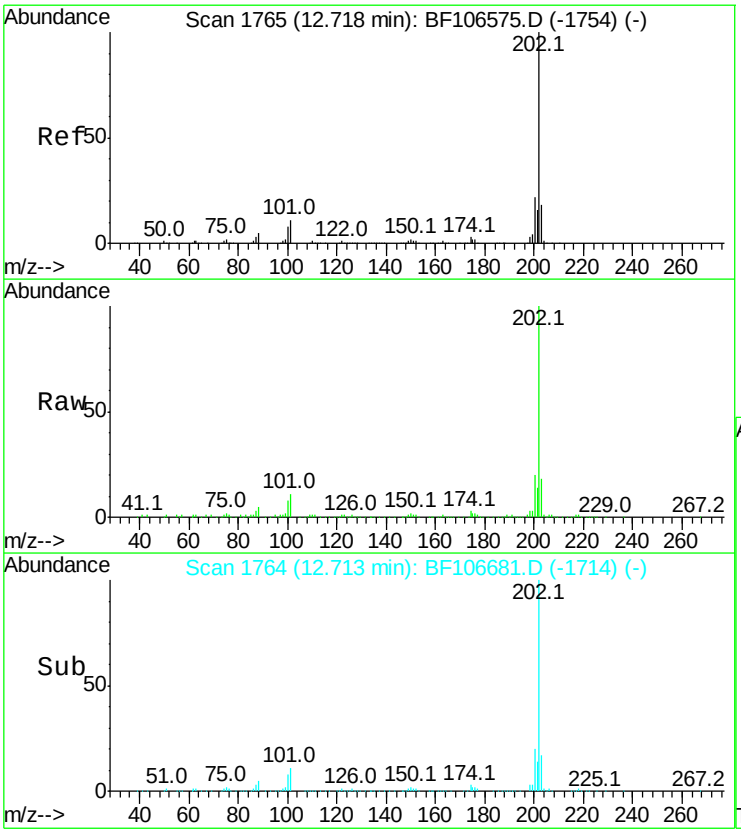
#70
Phenanthrene
Concen: 3.972 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 36333

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	15.5	13.0	19.6

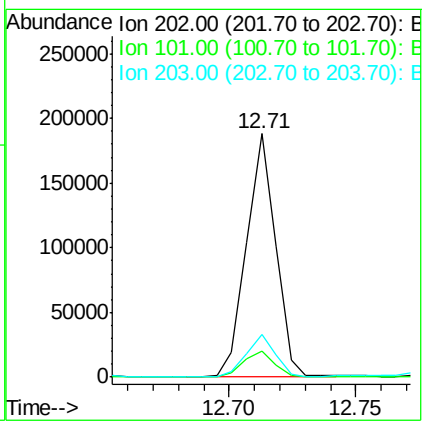


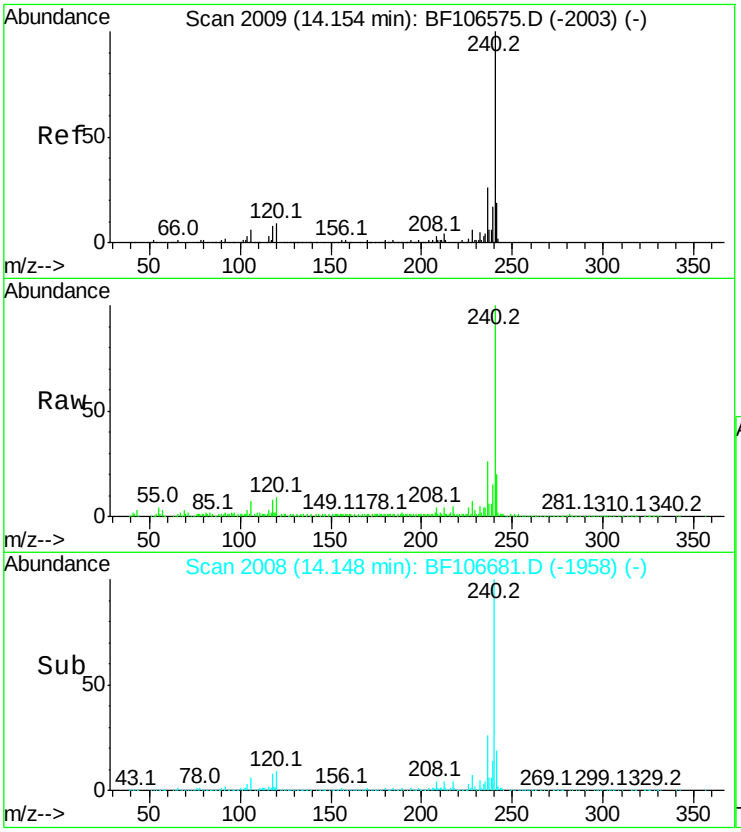


#74
Fluoranthene
Concen: 15.004 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:202 Resp: 151271

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	17.5	0.0	38.1



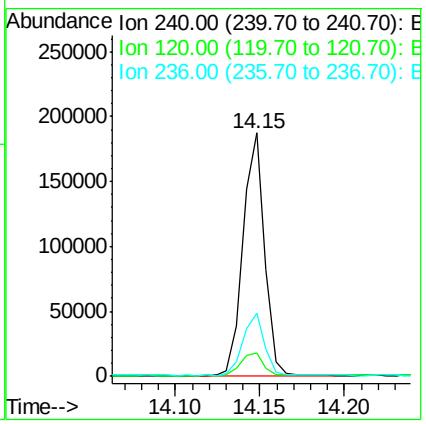


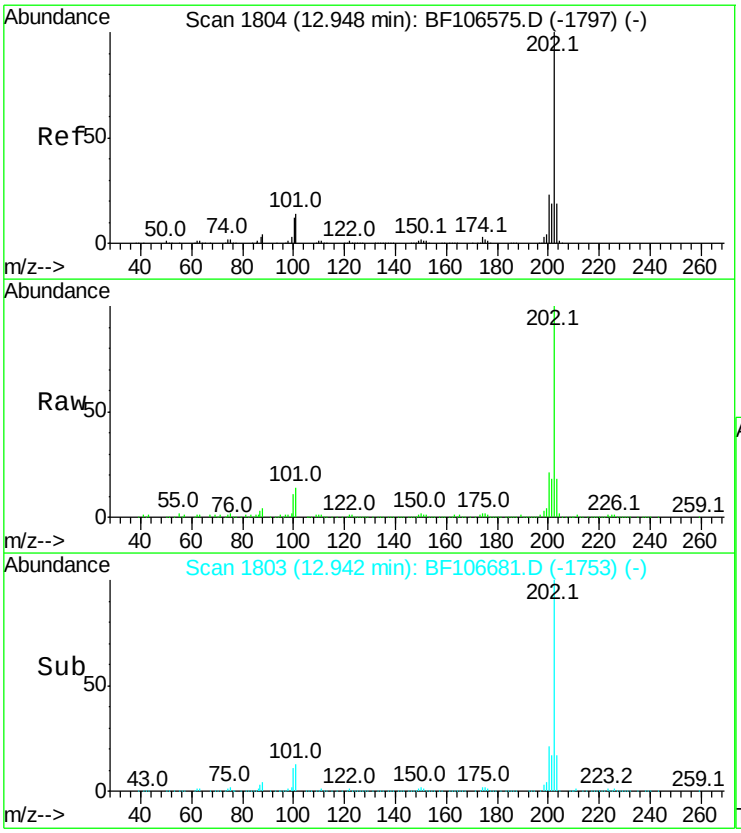
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 165264

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.9	20.7	31.1

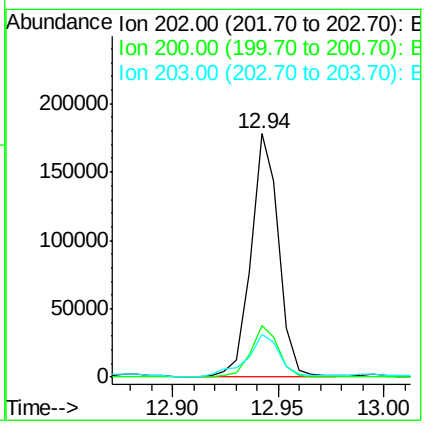


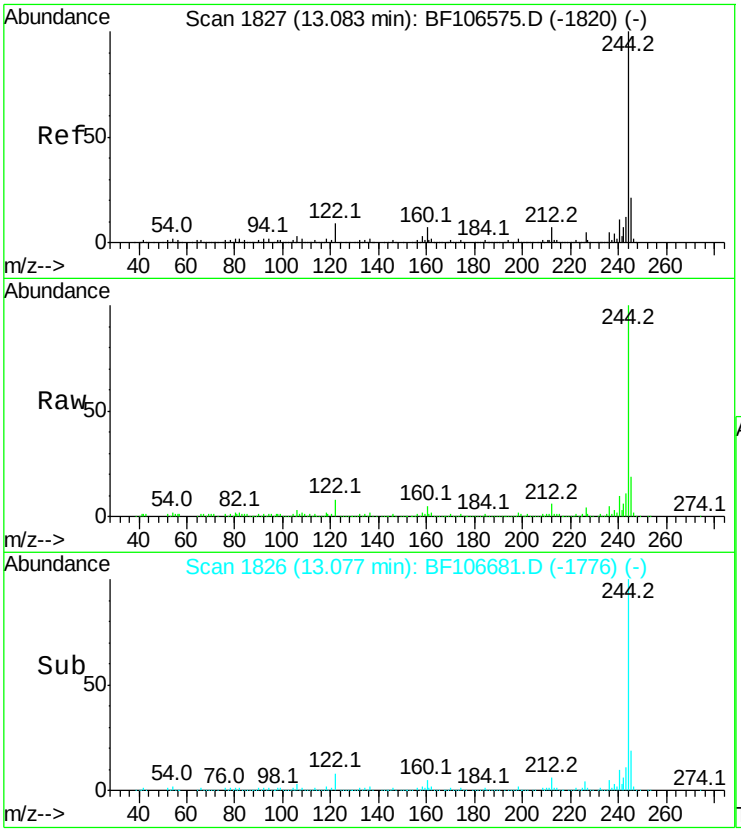


#77
Pyrene
Concen: 14.739 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:202 Resp: 160631

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5



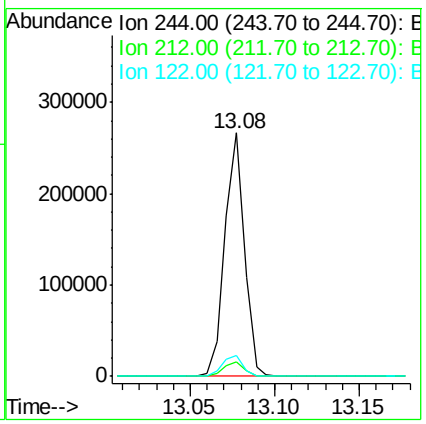


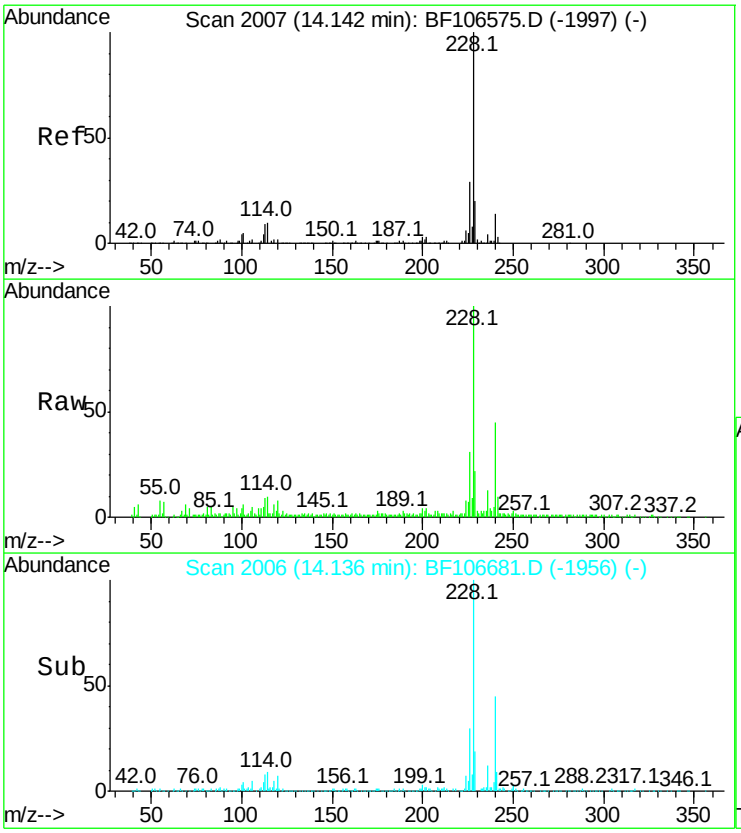
#78
Terphenyl-d14
Concen: 31.445 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 214537

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	8.5	11.0	16.4#

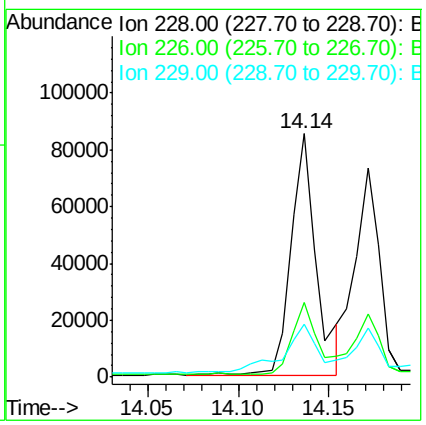


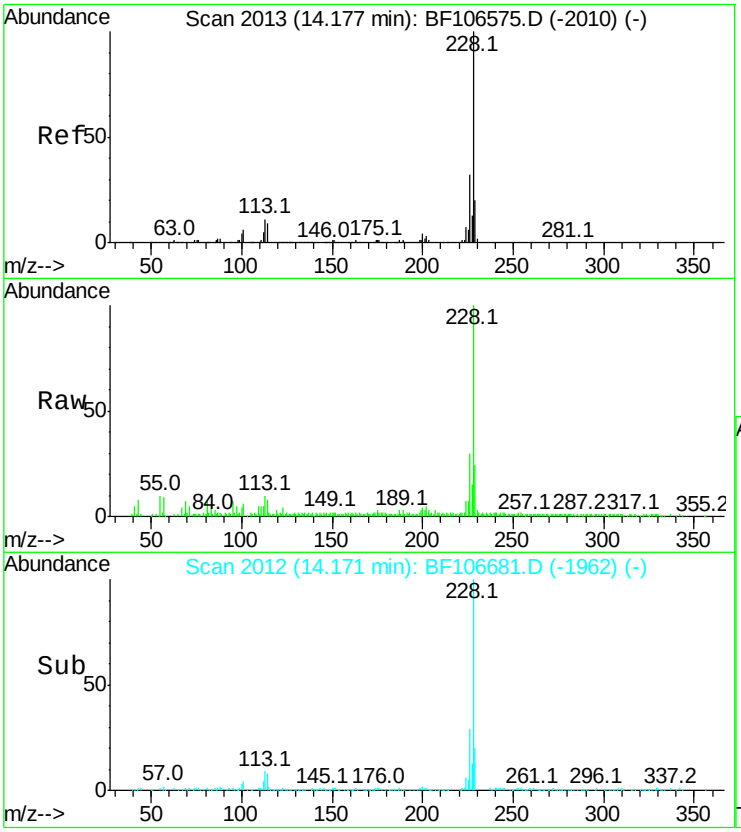


#80
Benzo(a)anthracene
Concen: 8.320 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:228 Resp: 83801

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	21.9	15.8	23.6



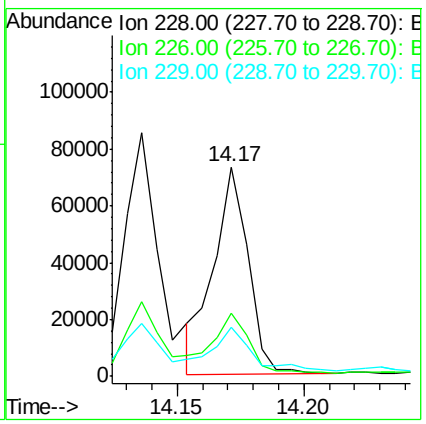


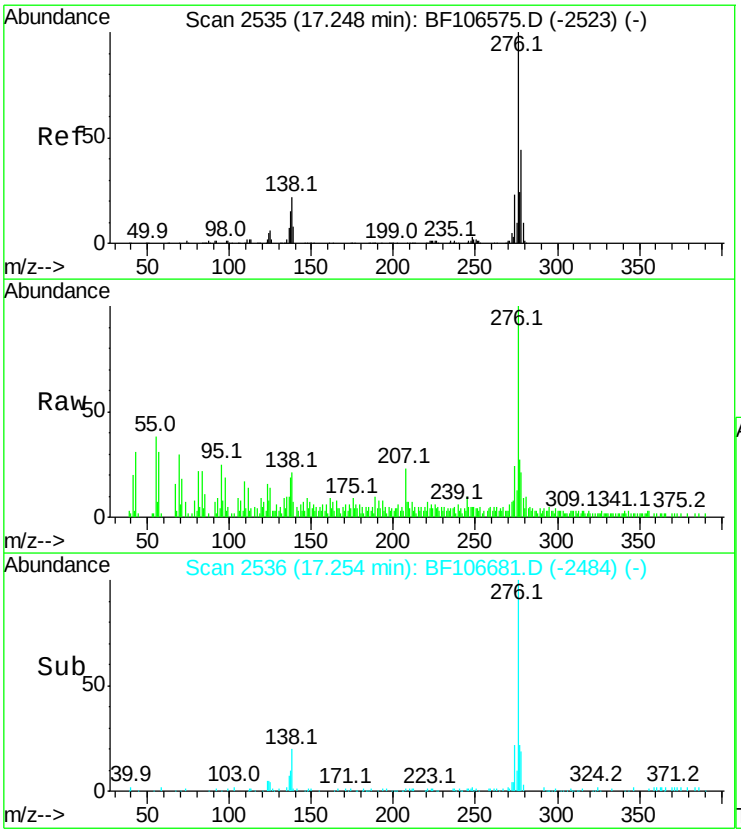
#82
Chrysene
Concen: 7.465 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 69170

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	23.6	16.2	24.4

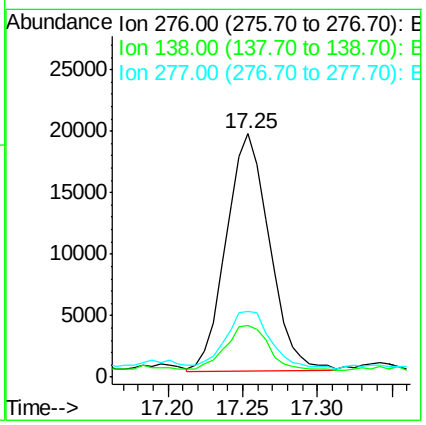


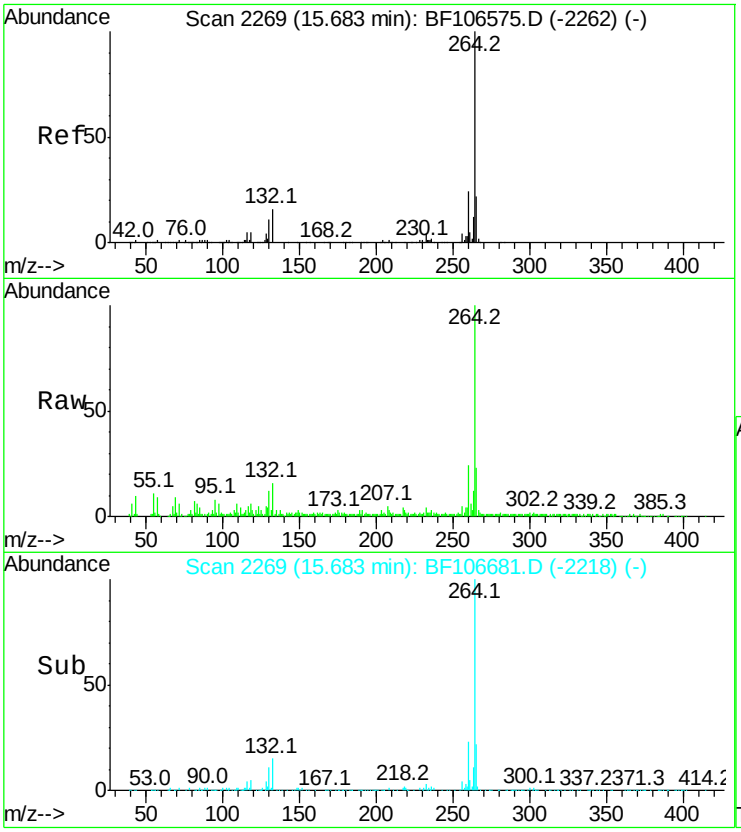


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.974 ng
RT: 17.25 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:276 Resp: 39118

Ion	Ratio	Lower	Upper
276	100		
138	18.6	25.0	37.6#
277	25.2	20.1	30.1



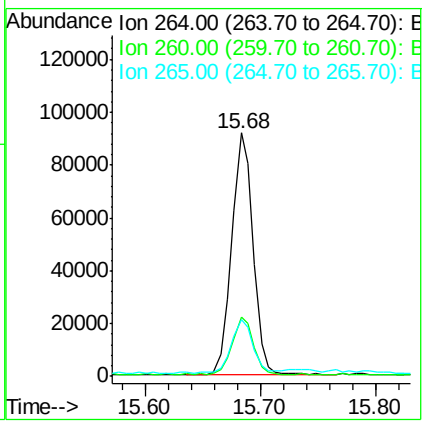


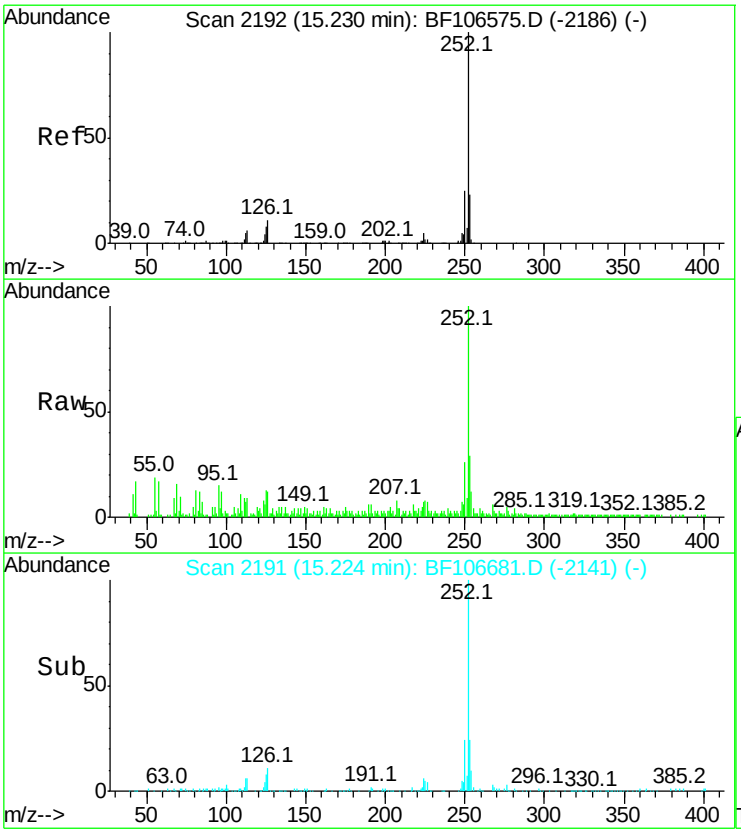
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 118180

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.2	17.5	26.3

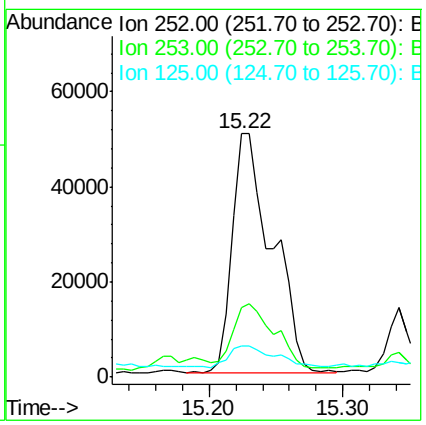


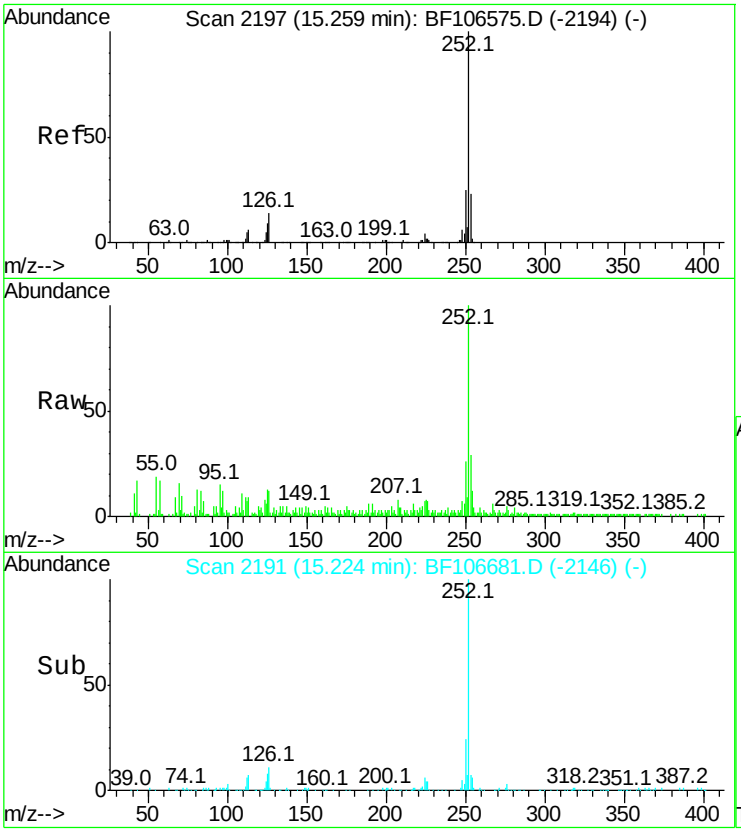


#87
Benzo(b)fluoranthene
Concen: 14.240 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:252 Resp: 104543

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.0	25.6#
125	12.7	9.0	13.6



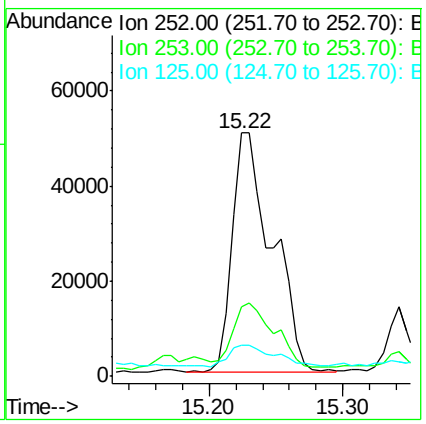


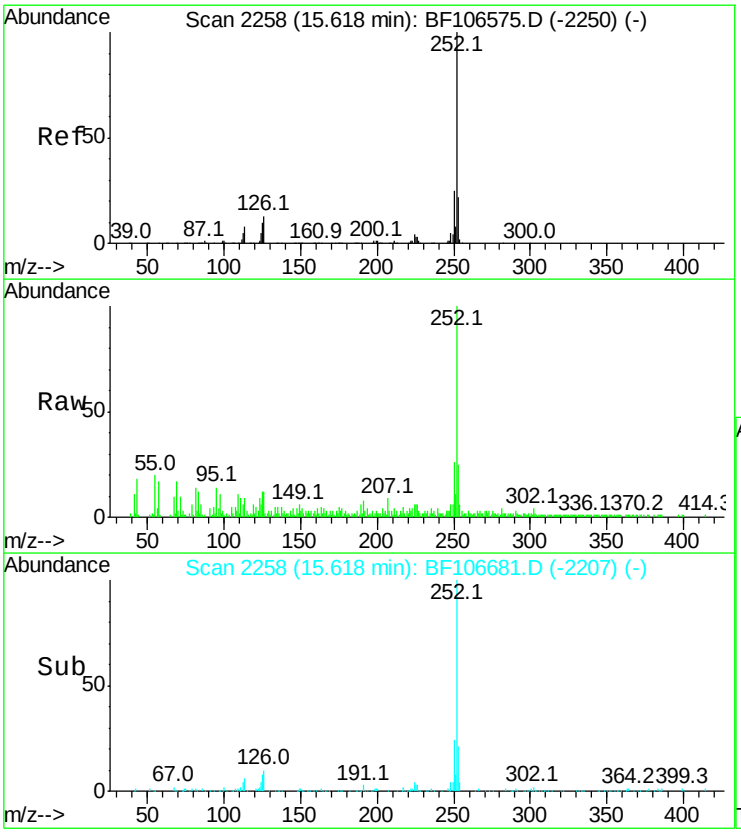
#88
Benzo(k)fluoranthene
Concen: 14.954 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 104543

Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.9	26.9#
125	12.7	10.2	15.2

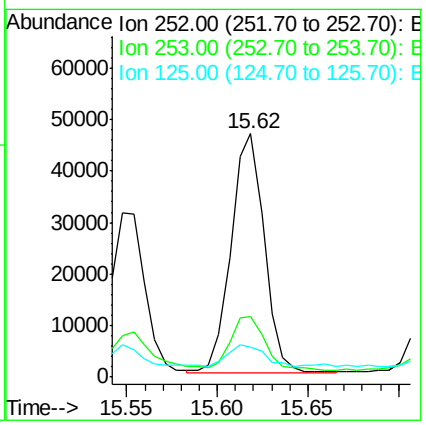


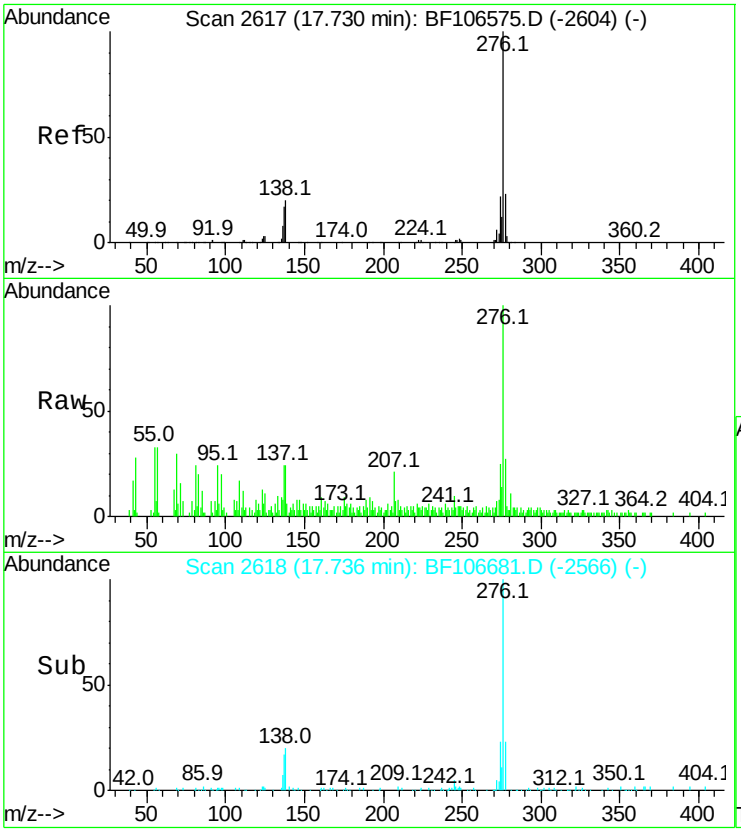


#89
Benzo(a)pyrene
Concen: 9.046 ng
RT: 15.62 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Tgt Ion:252 Resp: 59036

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.065 ng
RT: 17.74 min Scan# 2618
Delta R.T. 0.01 min
Lab File: BF106681.D
Acq: 22 Jun 2018 00:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 43602

Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	24.0	21.8	32.8