Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 02:20:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159168	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	626825	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	307173	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	566862	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	434903	20.00	ng		-0.01
86) Perylene-d12	15.69	264	426902	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	381650	40.58	ng		-0.01
7) Phenol-d6	6.61	99	505177	42.52	ng		-0.01
23) Nitrobenzene-d5	7.52	82	313572	29.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	127349	43.09	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	620395	25.84	ng		-0.01
78) Terphenyl-d14	13.08	244	590526	33.73	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	42231	4.738	ng	#	75
25) Isophorone	7.52	82	313568	15.067	ng	#	64
49) Dimethylphthalate	9.71	163	104895	4.780	ng		99
50) 2,6-Dinitrotoluene	10.01	165	40037	8.931	ng	#	25
56) 2,4-Dinitrotoluene	10.01	165	40037	7.112	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	147	6.337	ng	#	1
70) Phenanthrene	11.52	178	204917	7.381	ng		98
71) Anthracene	11.57	178	56664	2.037	ng		99
74) Fluoranthene	12.71	202	326939	11.043	ng		98
77) Pyrene	12.94	202	345160	12.677	ng		99
80) Benzo(a)anthracene	14.18	228	191224	7.389	ng		95
82) Chrysene	14.18	228	191224	8.093	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	98149	5.205	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	365257	14.154	ng		98
88) Benzo(k)fluoranthene	15.24	252	365257	14.292	ng		98
89) Benzo(a)pyrene	15.62	252	195850	8.438	ng		99
91) Benzo(g,h,i)perylene	17.73	276	88601	4.711	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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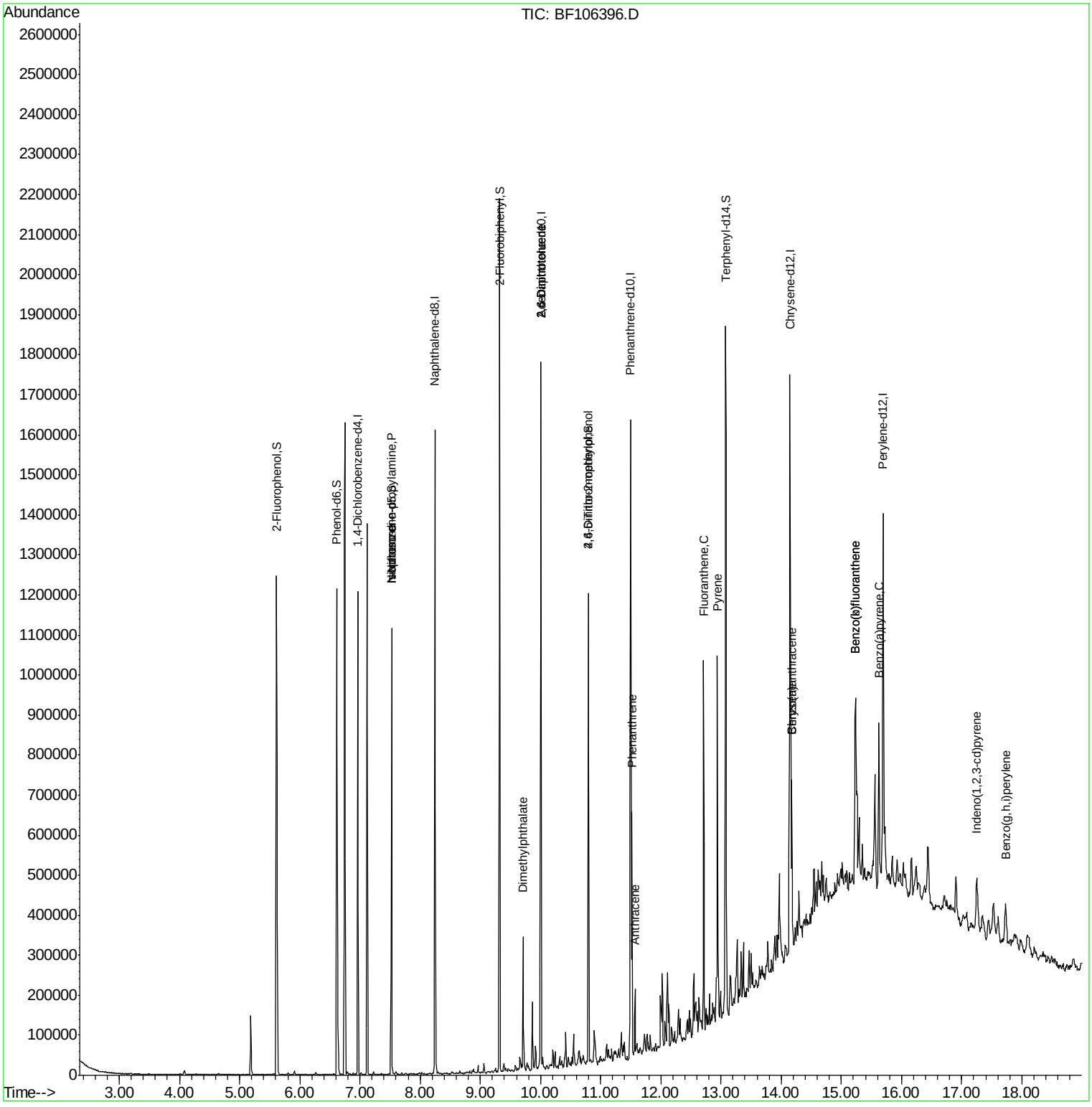
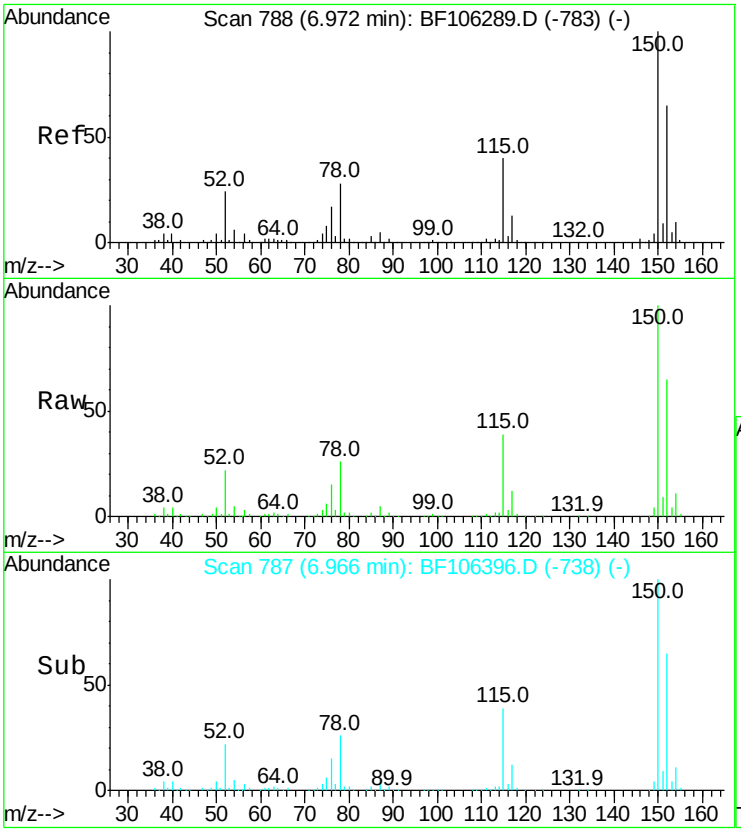
Response via : Initial Calibration



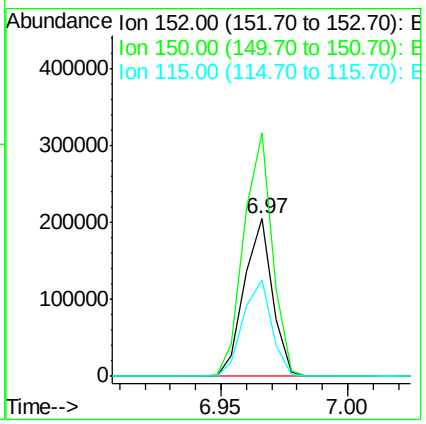


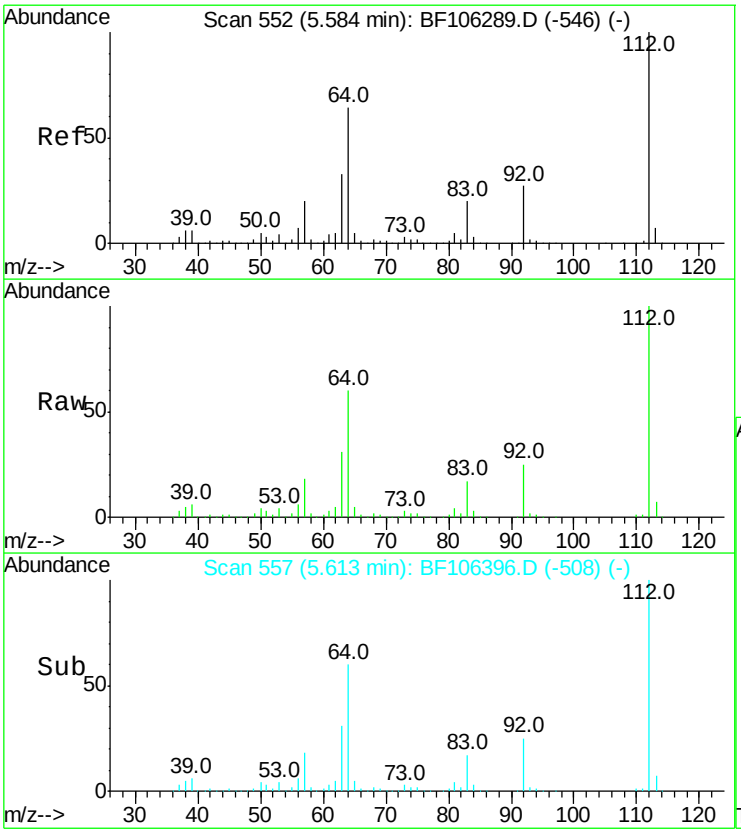
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159168

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	60.9	50.1	75.1

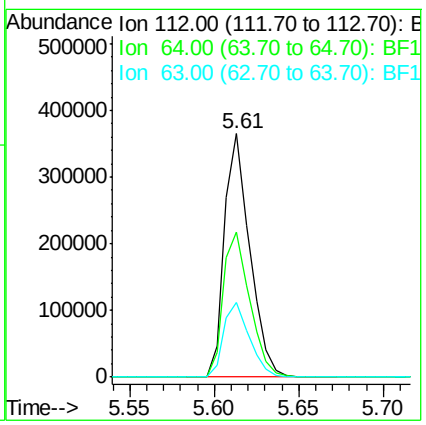


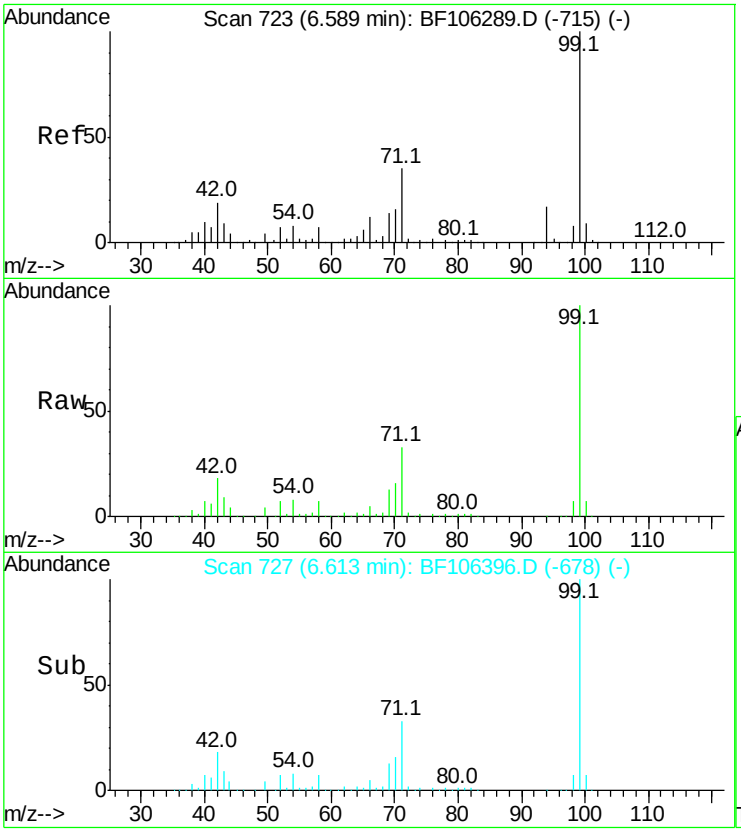


#5
2-Fluorophenol
Concen: 40.582 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:112 Resp: 381650

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.5	23.7	35.5



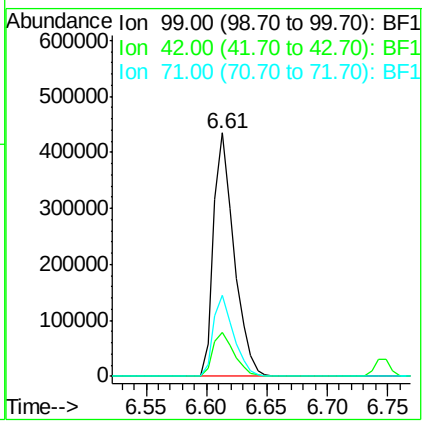


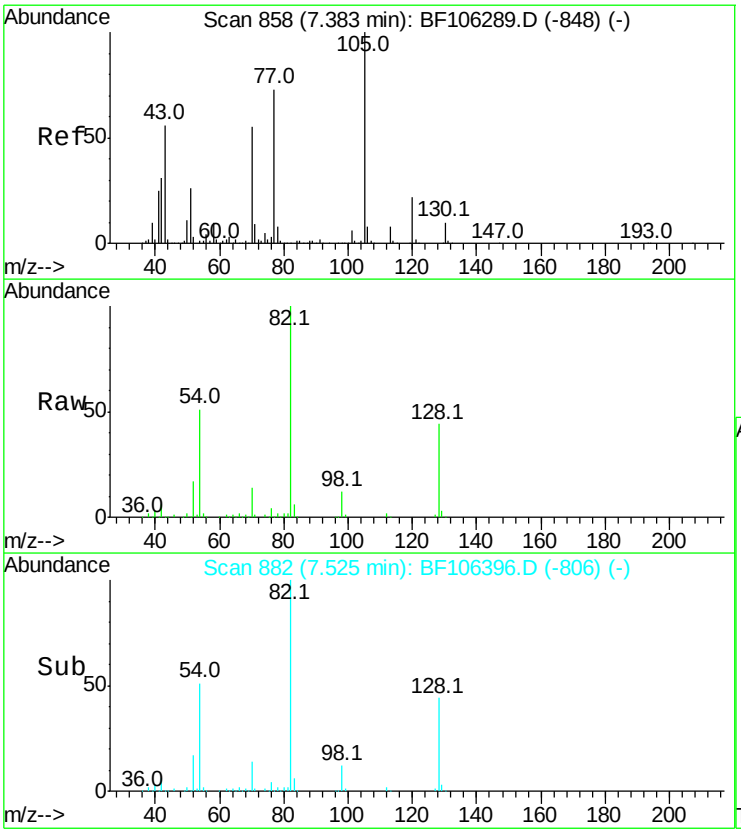
#7
Phenol-d6
Concen: 42.518 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 505177

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	33.2	25.4	38.0

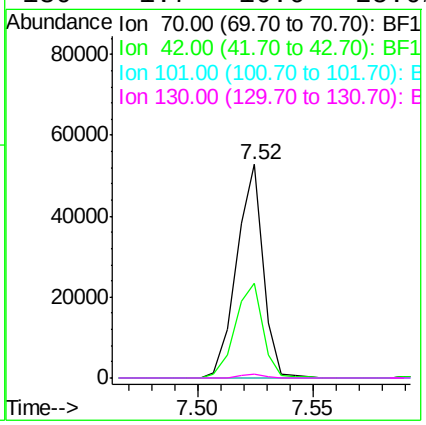


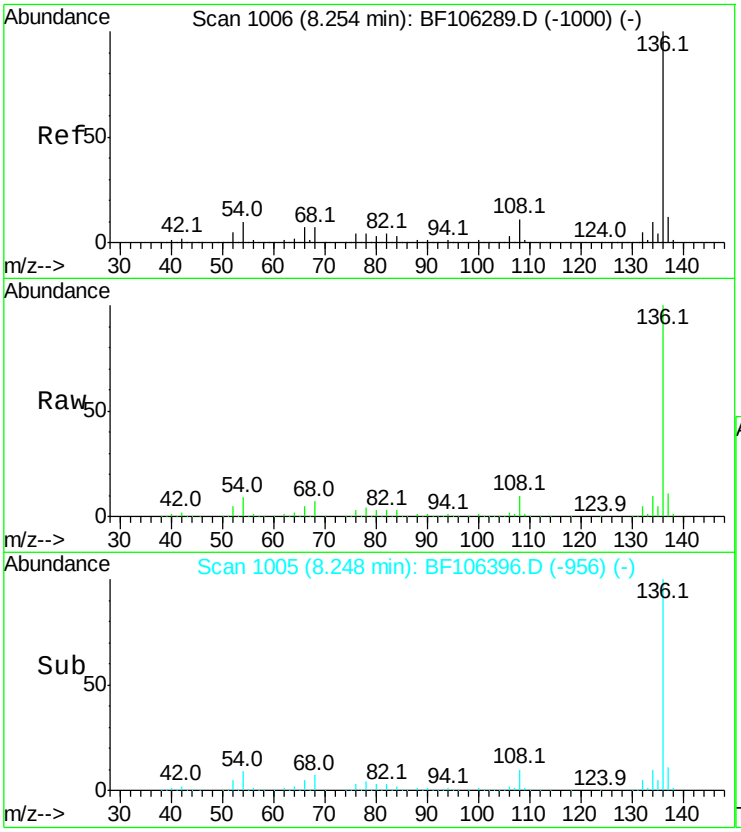


#19
n-Nitroso-di-n-propylamine
Concen: 4.738 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion: 70 Resp: 42231

Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#



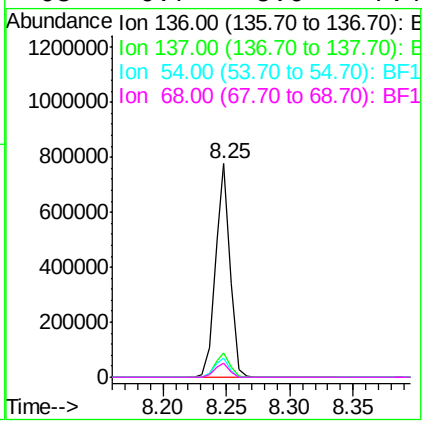


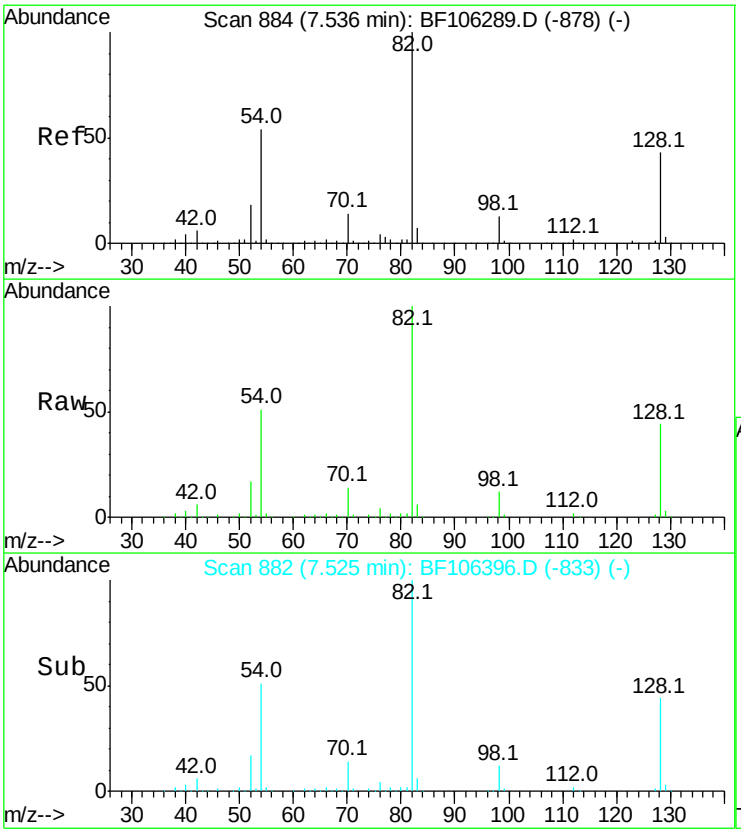
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 626825

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.8	6.6	9.8
68	6.7	5.0	7.4

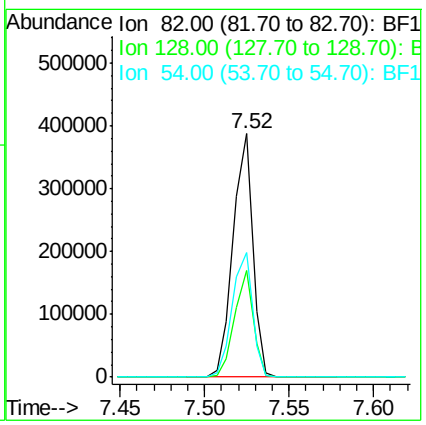


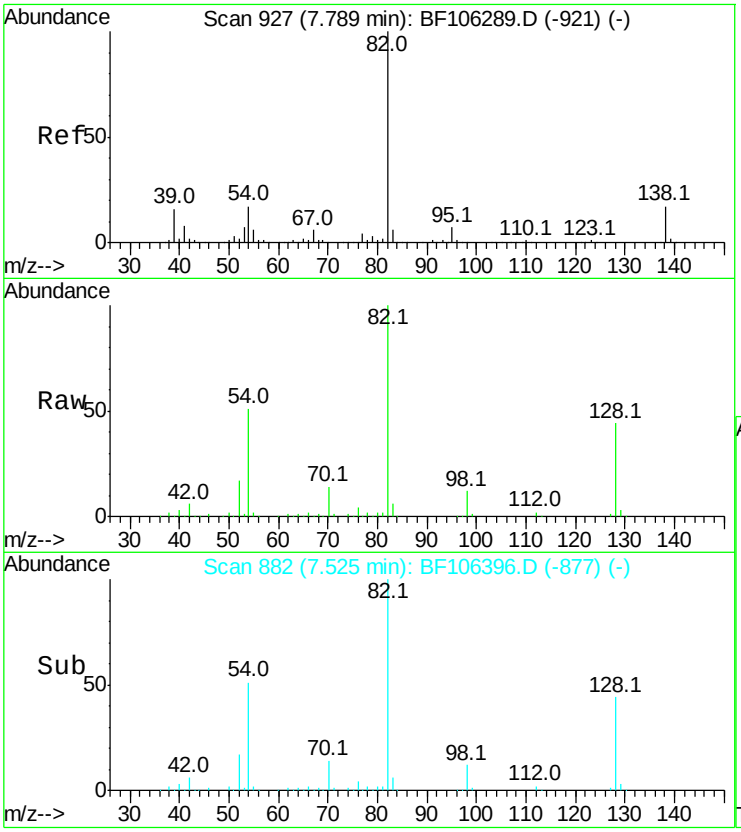


#23
Nitrobenzene-d5
Concen: 29.429 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion: 82 Resp: 313572

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	51.3	41.4	62.2



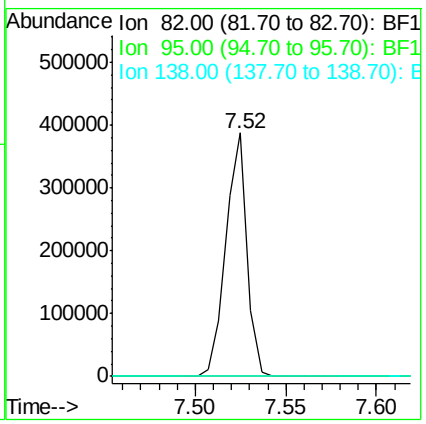


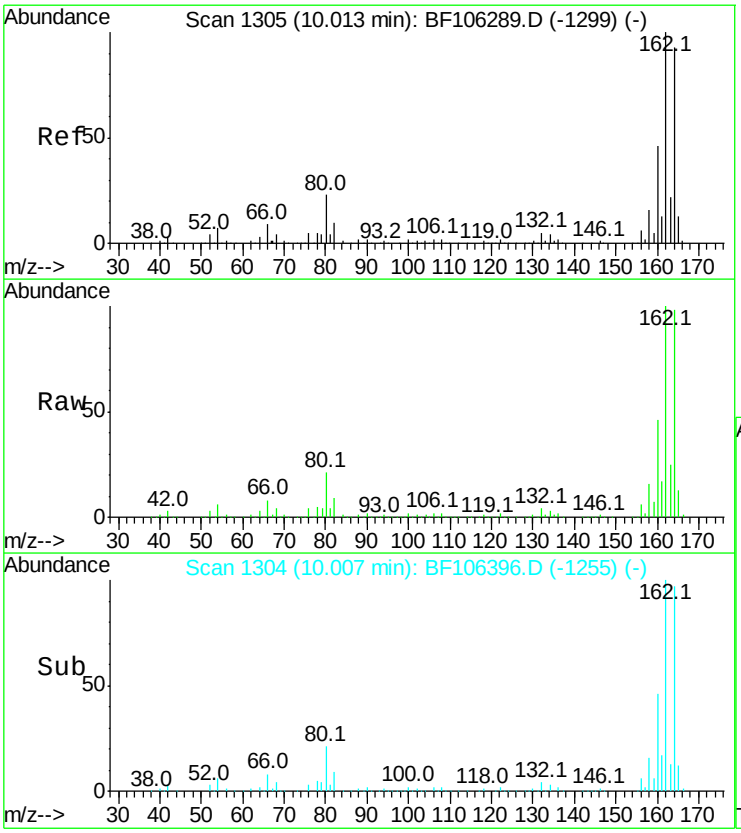
#25
Isophorone
Concen: 15.067 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 313568

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

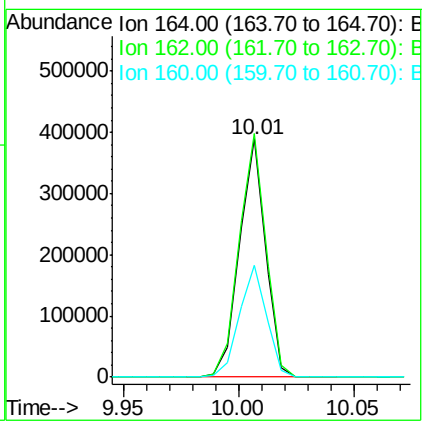


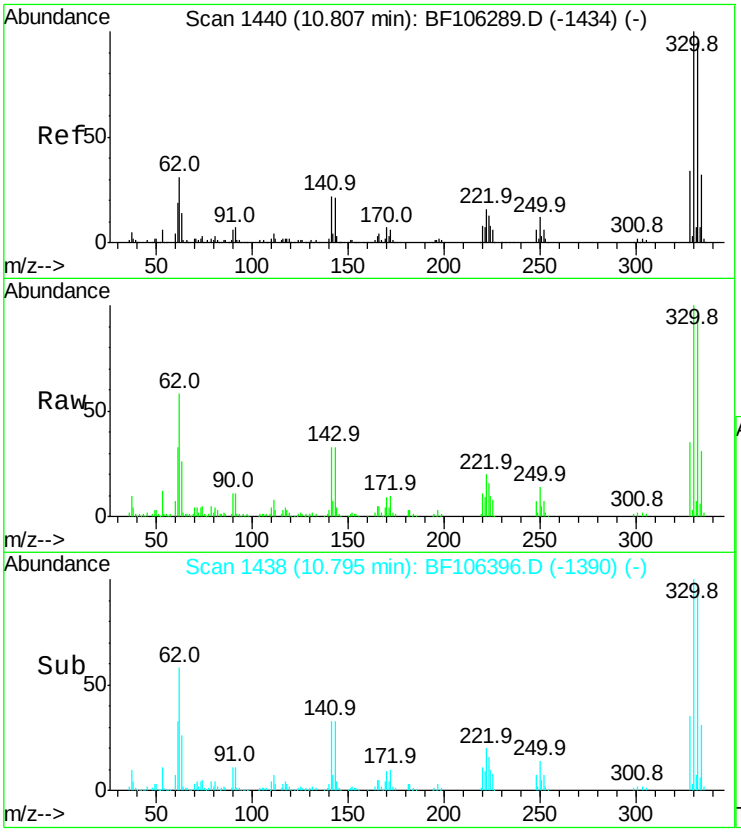


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:164 Resp: 307173

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.1	38.3	57.5



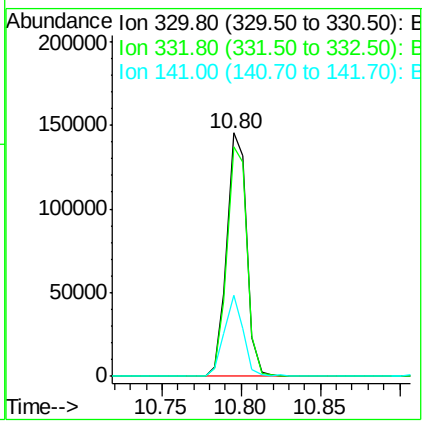


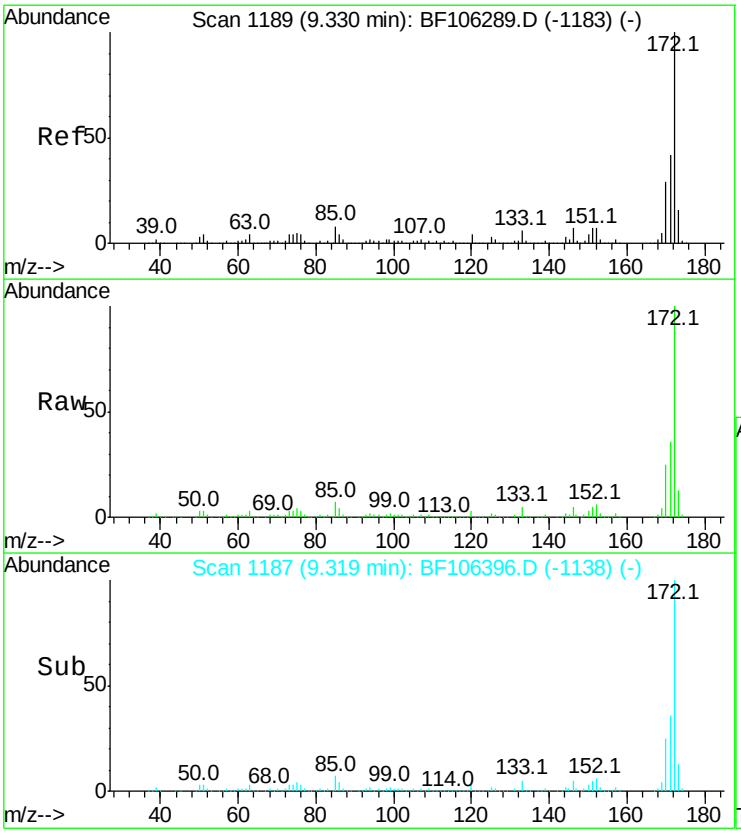
#41
2,4,6-Tribromophenol
Concen: 43.088 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 127349

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	30.8	29.9	44.9

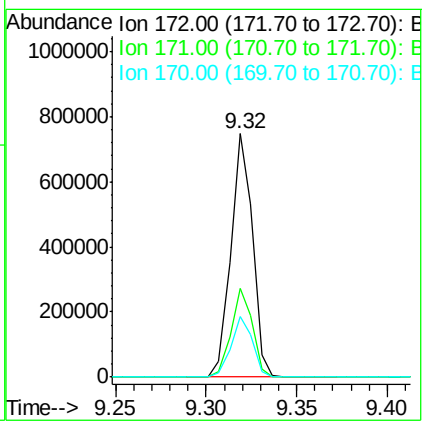


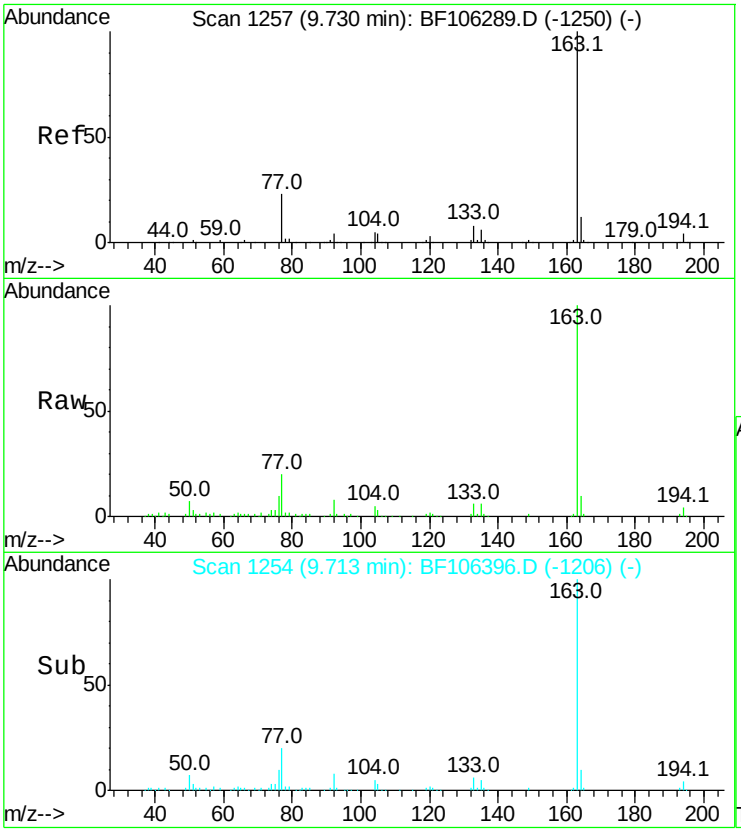


#44
2-Fluorobiphenyl
Concen: 25.843 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:172 Resp: 620395

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.9	19.6	29.4



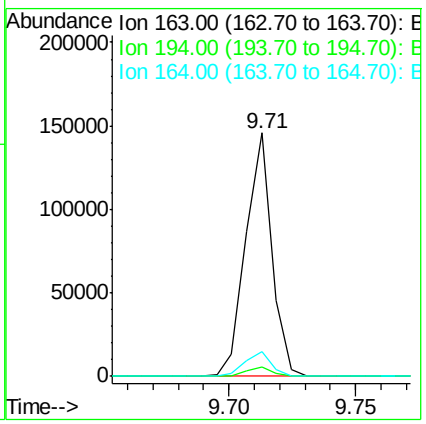


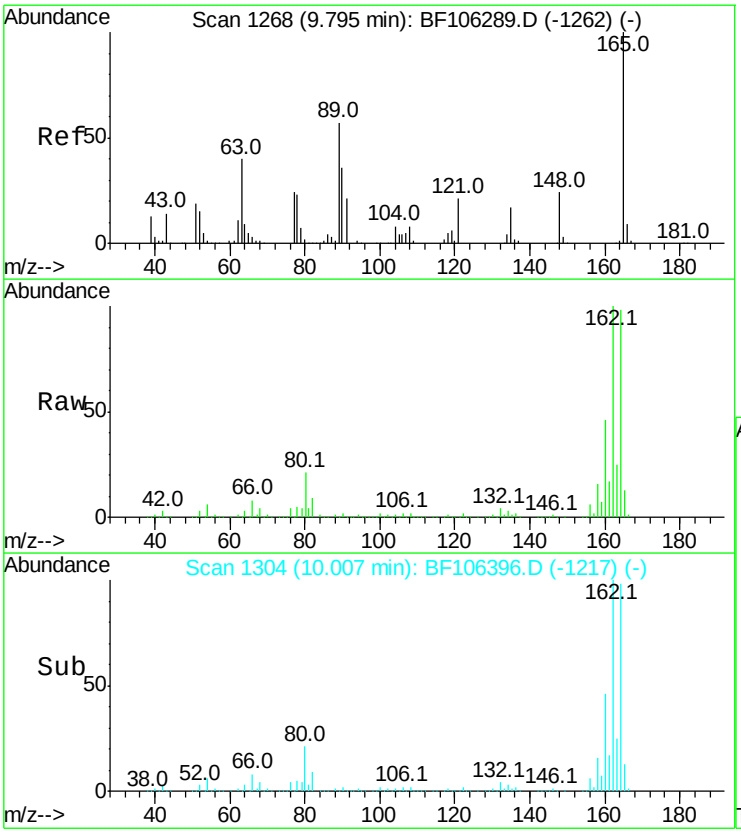
#49
Dimethylphthalate
Concen: 4.780 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 104895

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

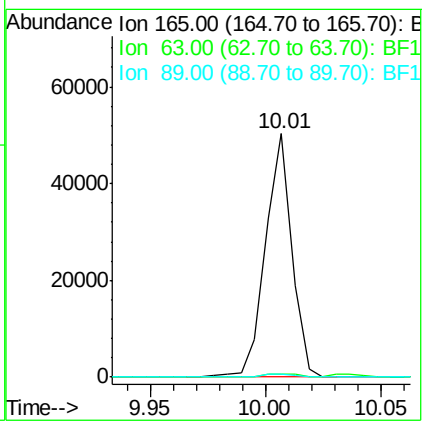


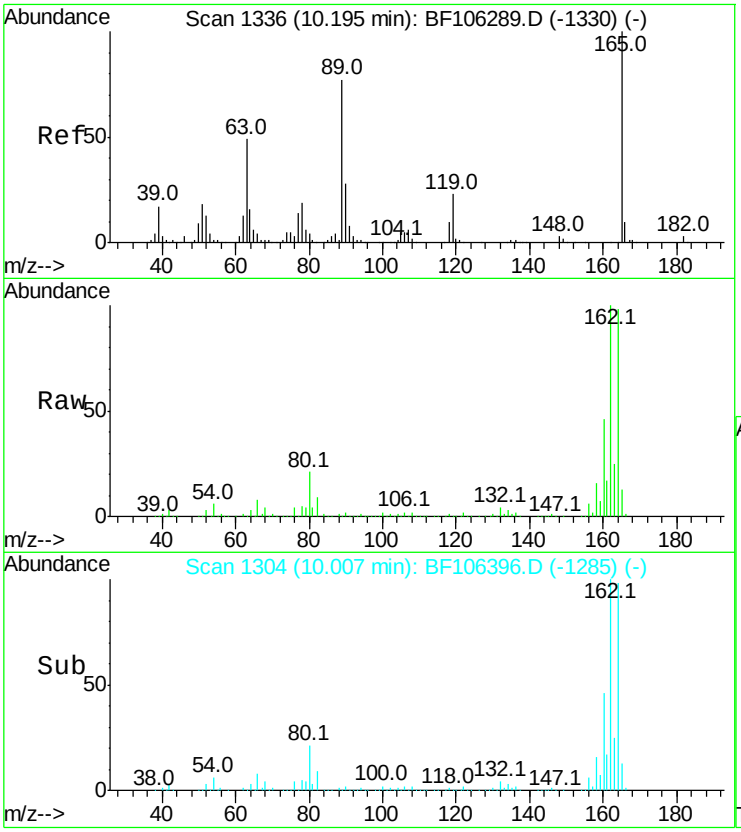


#50
2,6-Dinitrotoluene
Concen: 8.931 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:165 Resp: 40037

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.5	44.0	66.0#



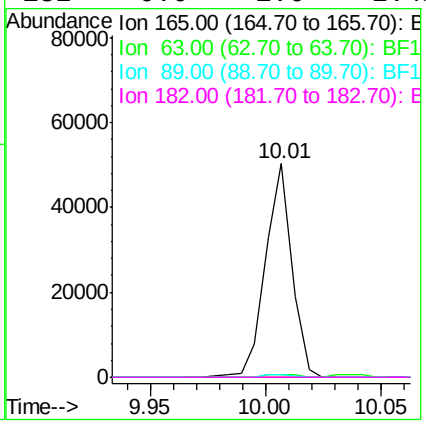


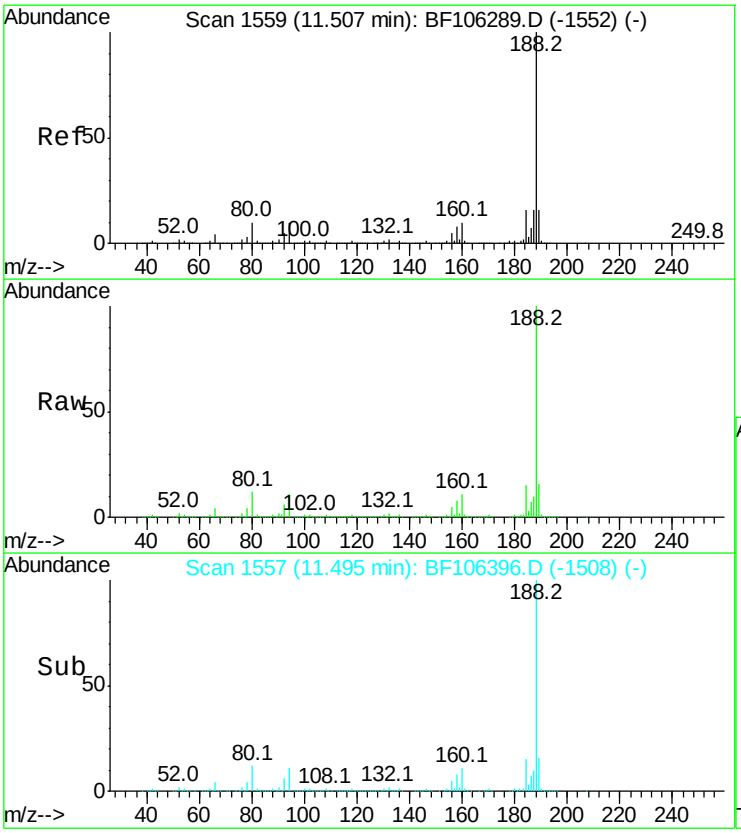
#56
2,4-Dinitrotoluene
Concen: 7.112 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40037

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

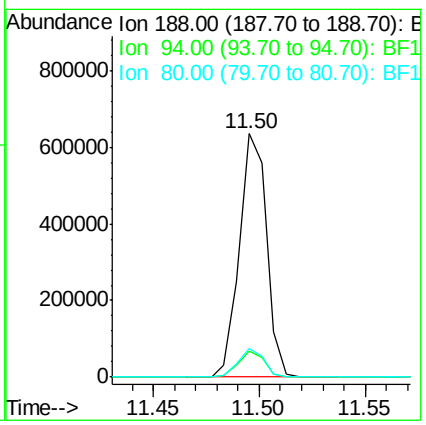


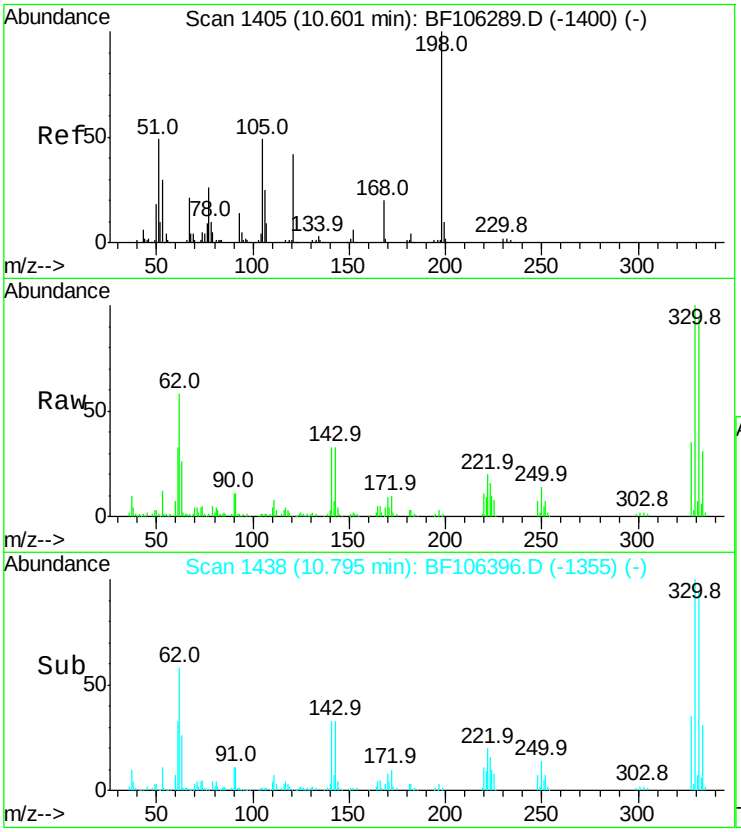


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:188 Resp: 566862

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8



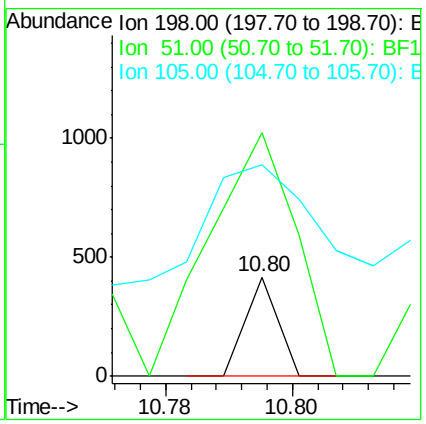


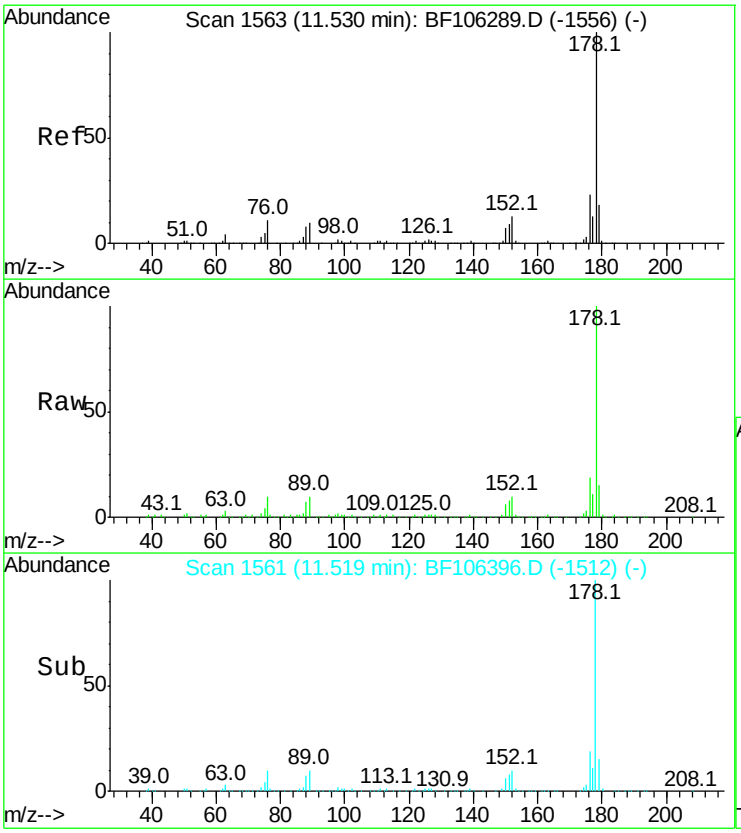
#64
4,6-Dinitro-2-methylphenol
Concen: 6.337 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 147

Ion	Ratio	Lower	Upper
198	100		
51	245.9	37.7	77.7#
105	213.2	36.3	76.3#

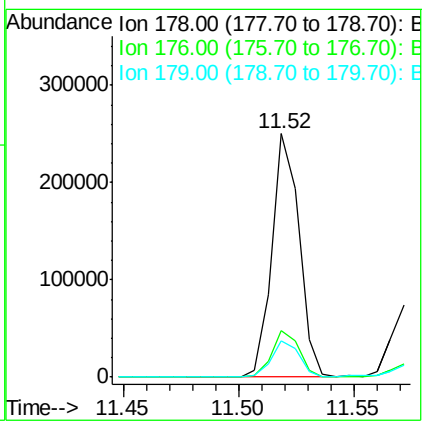


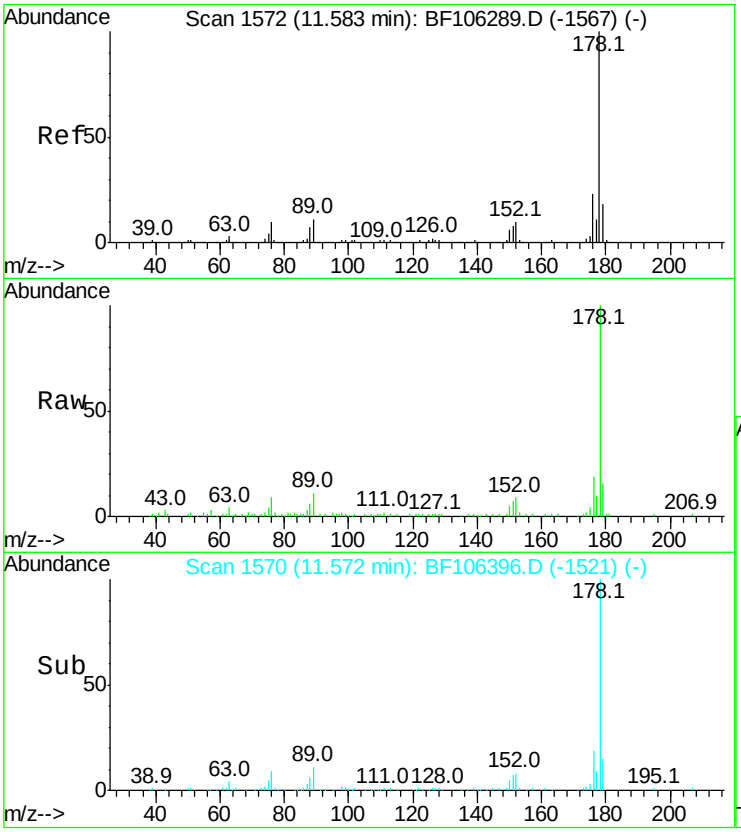


#70
Phenanthrene
Concen: 7.381 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:178 Resp: 204917

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6



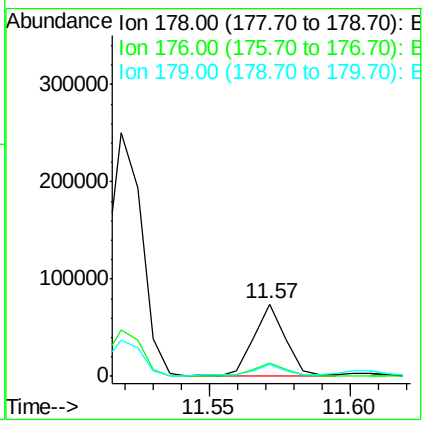


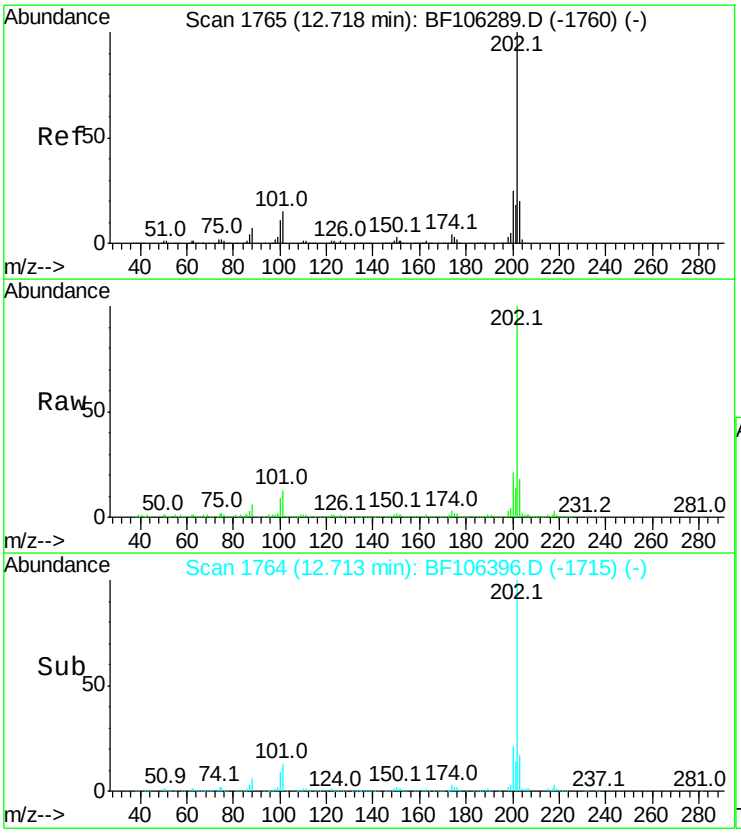
#71
Anthracene
Concen: 2.037 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 56664

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.9	12.6	19.0

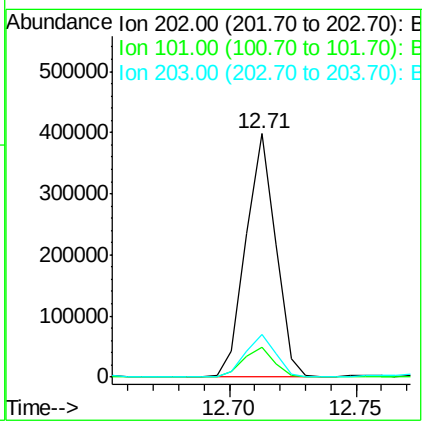


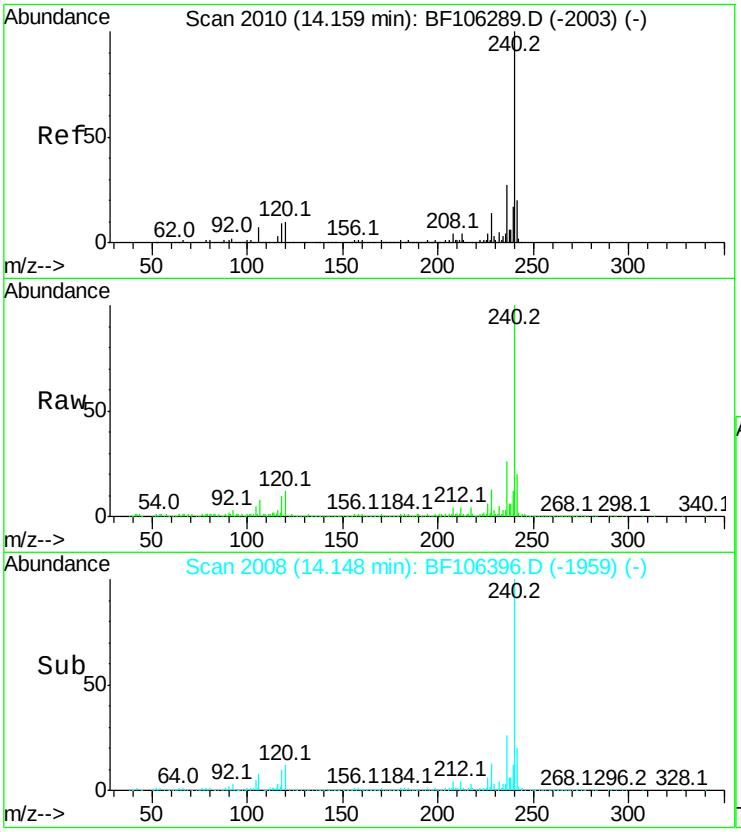


#74
Fluoranthene
Concen: 11.043 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:202 Resp: 326939

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.6	0.0	38.1



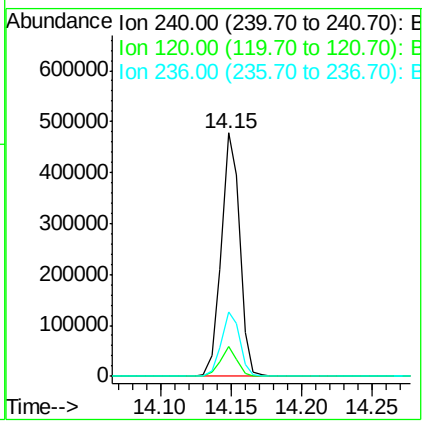


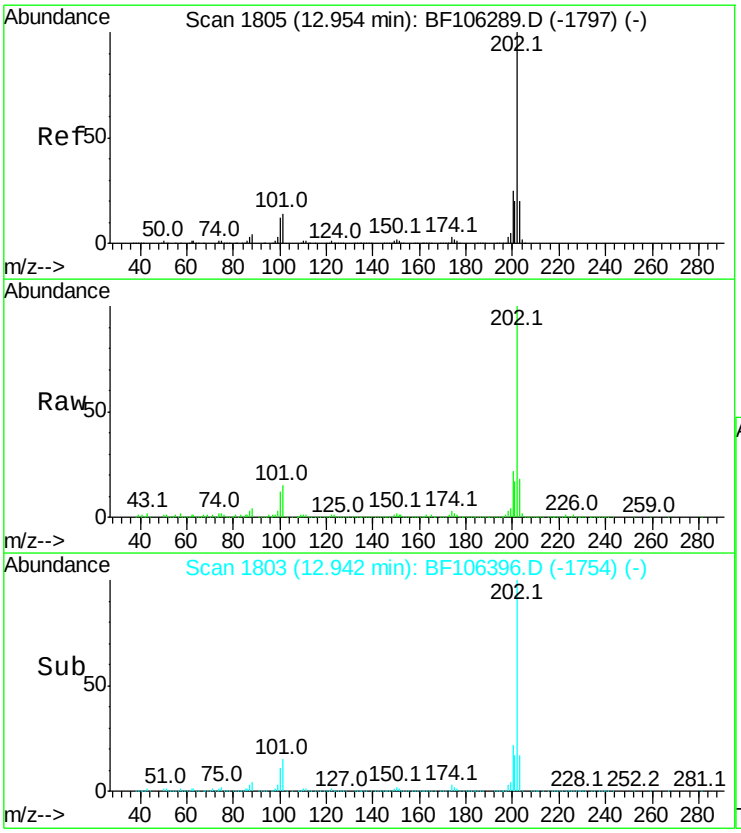
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 434903

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.4	20.7	31.1

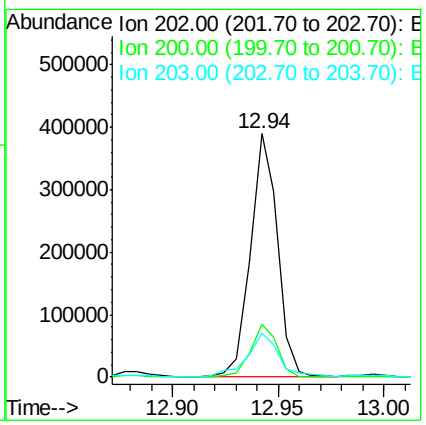


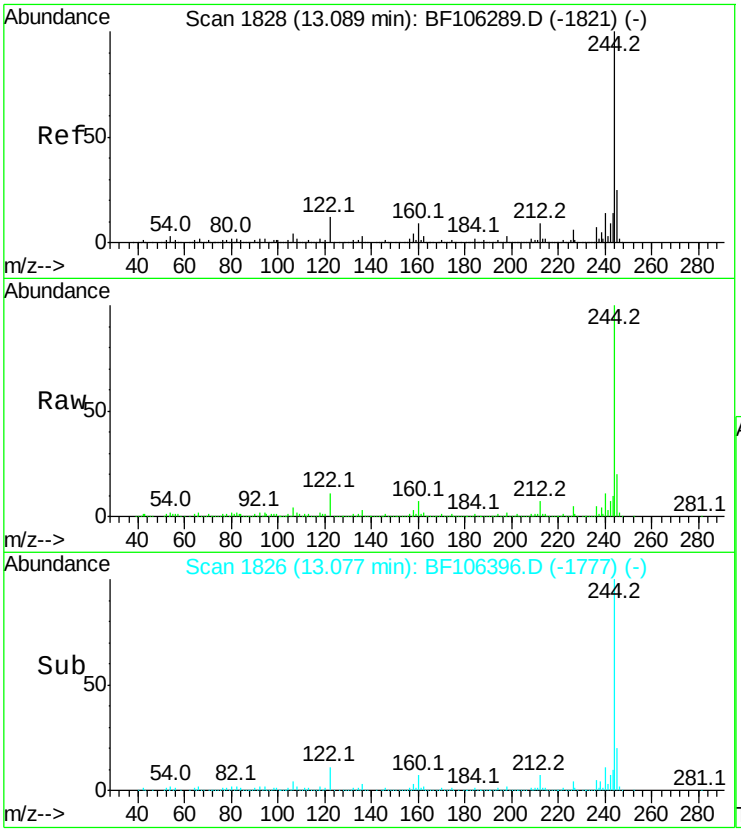


#77
Pyrene
Concen: 12.677 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:202 Resp: 345160

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5



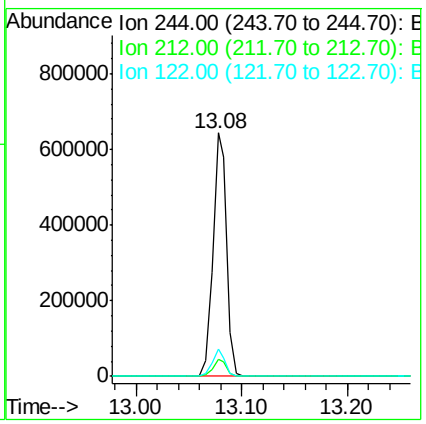


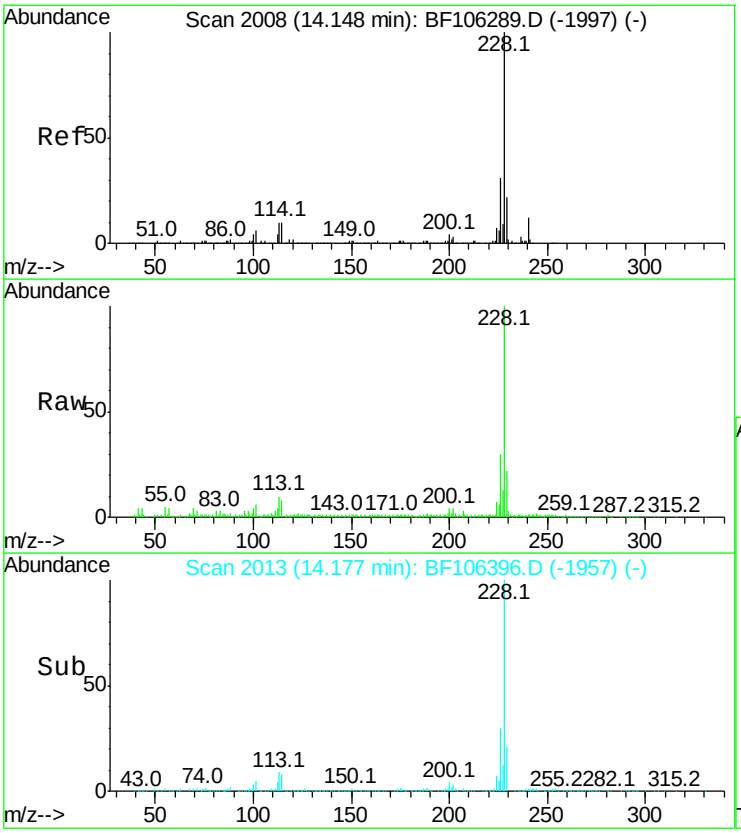
#78
Terphenyl-d14
Concen: 33.726 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 590526

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4

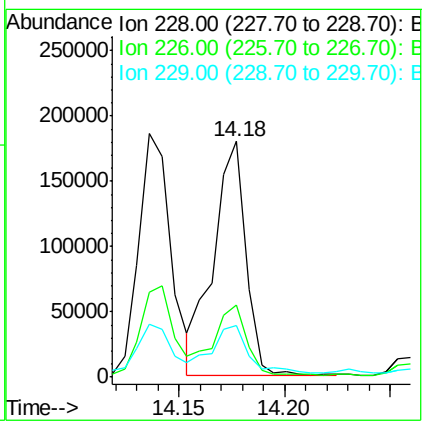


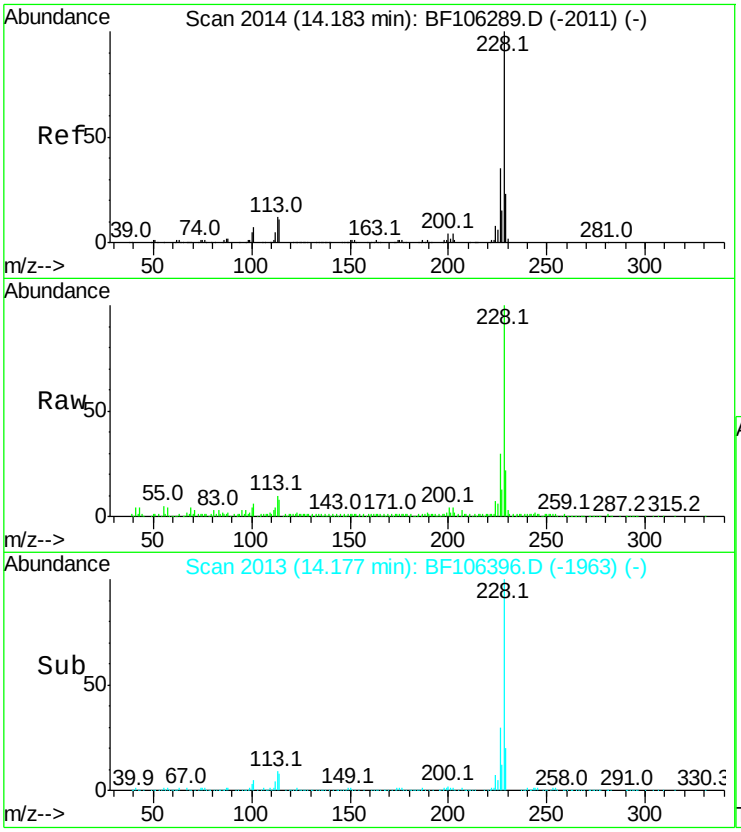


#80
Benzo(a)anthracene
Concen: 7.389 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.03 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:228 Resp: 191224

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.0	15.8	23.6



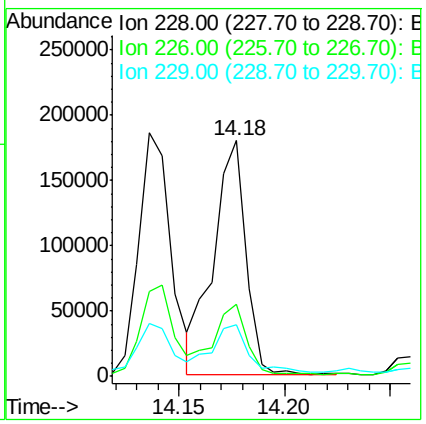


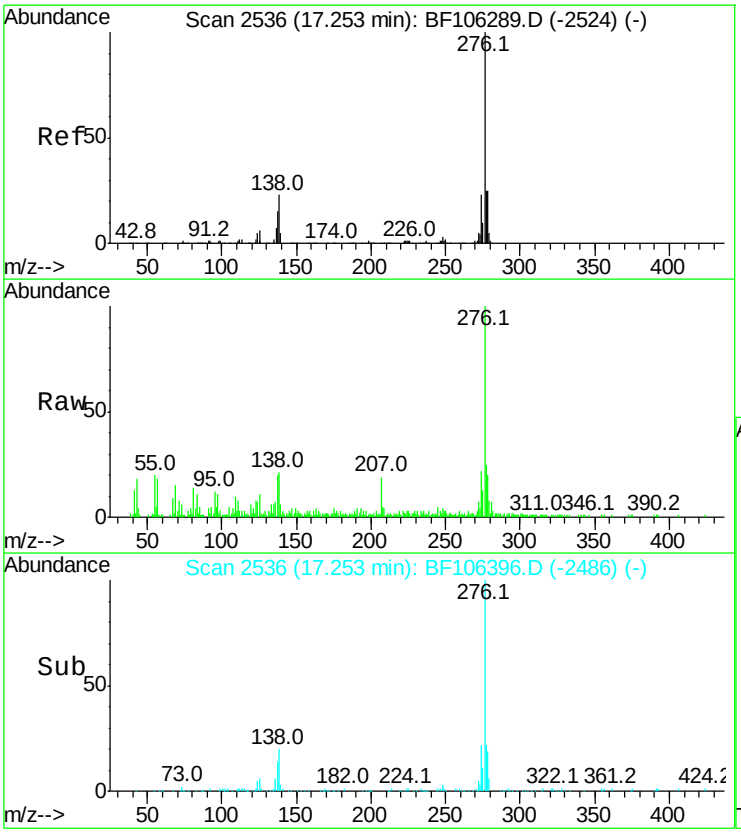
#82
Chrysene
Concen: 8.093 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 191224

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.0	16.2	24.4

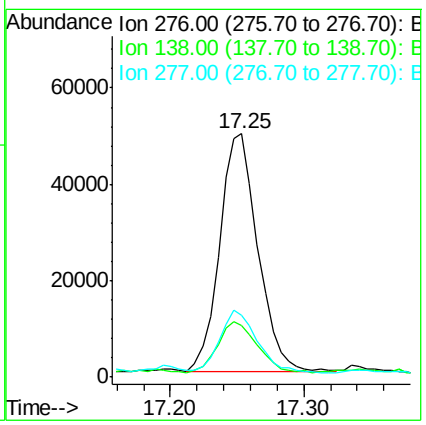


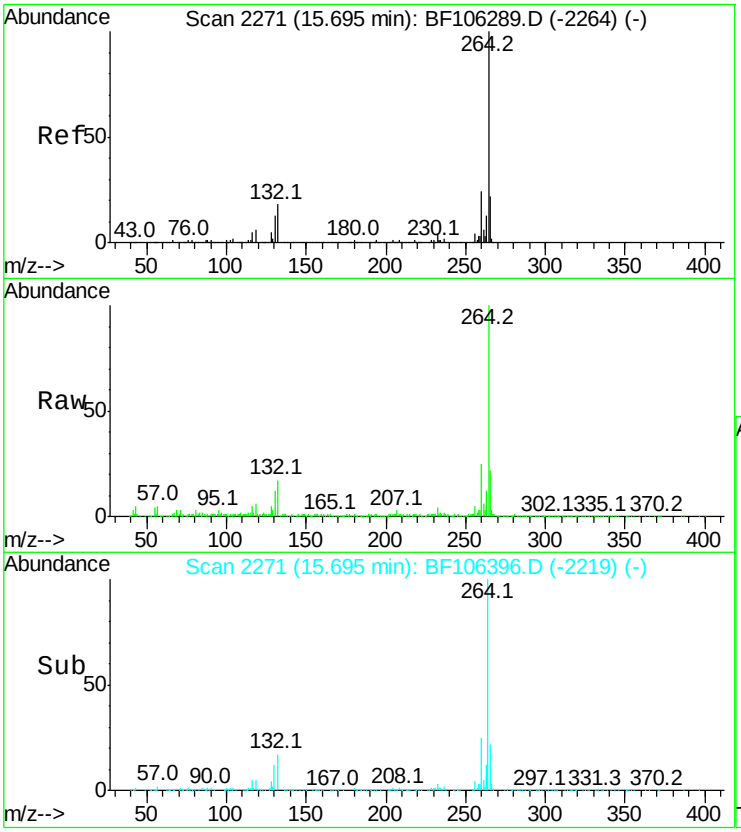


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.205 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:276 Resp: 98149

Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	25.7	20.1	30.1



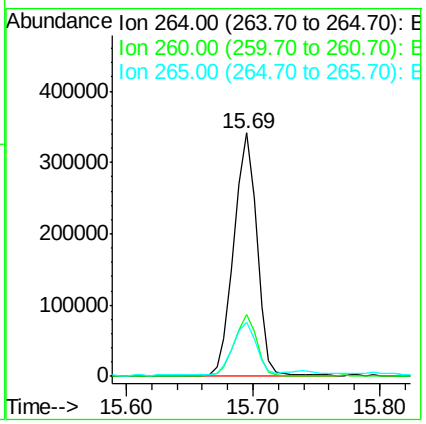


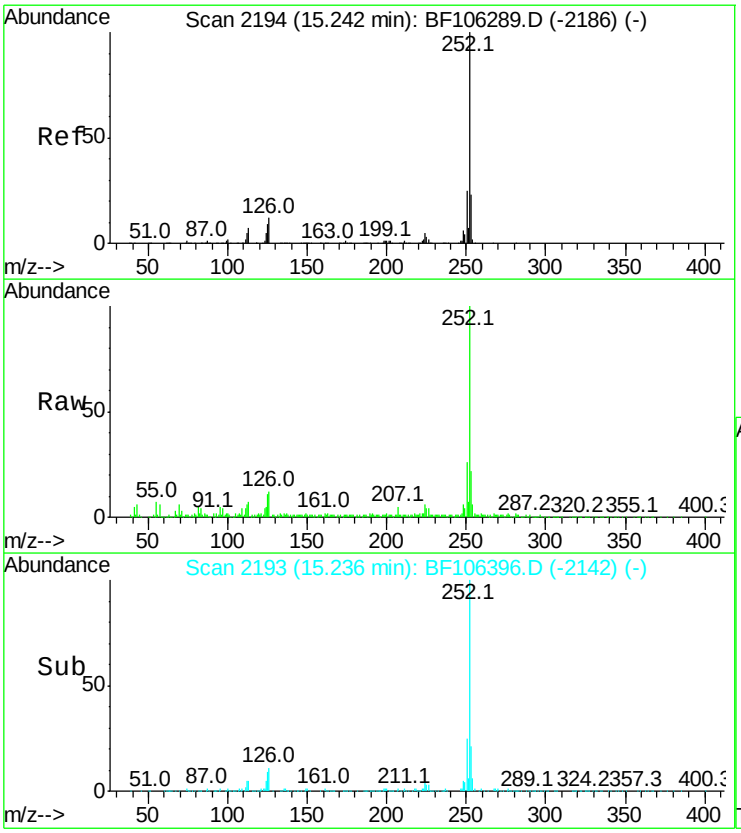
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 426902

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.2	17.5	26.3

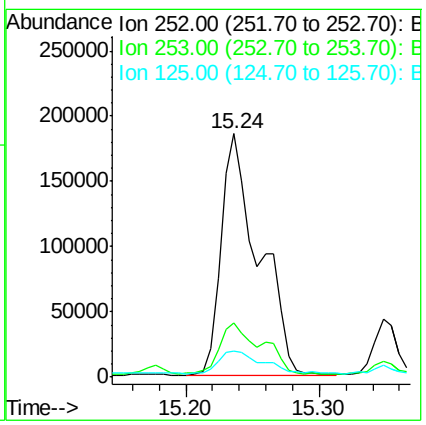


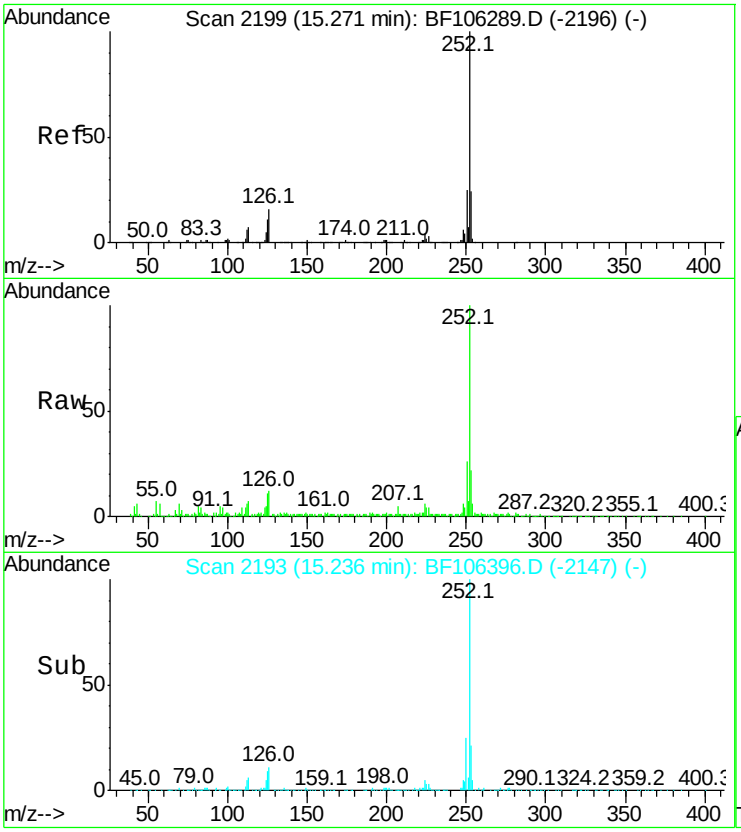


#87
Benzo(b)fluoranthene
Concen: 14.154 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:252 Resp: 365257

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	10.7	9.0	13.6



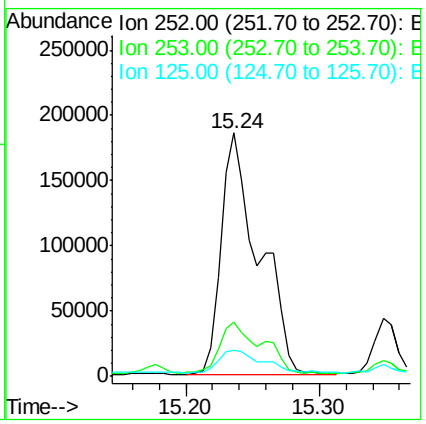


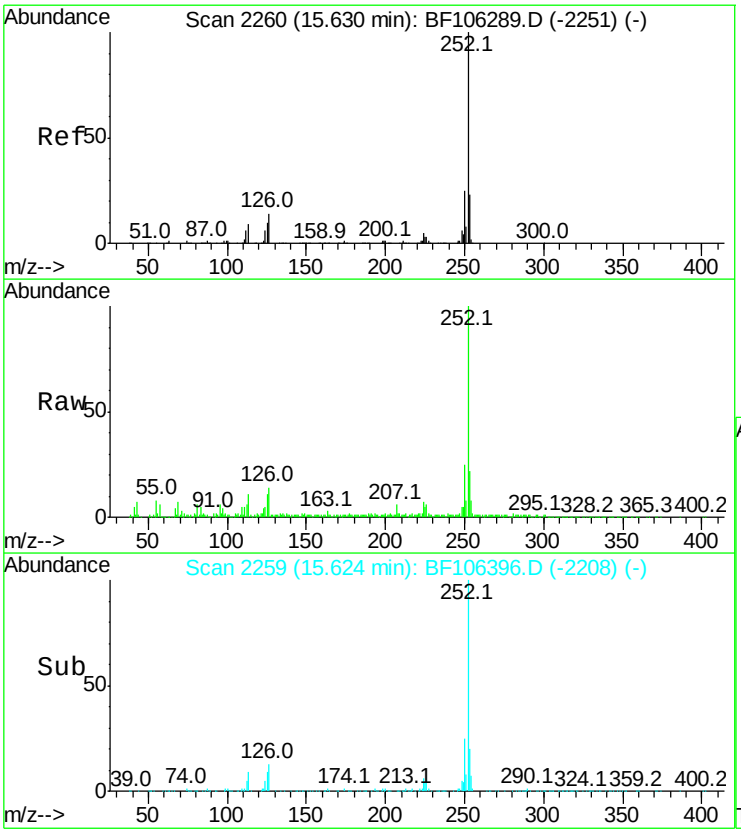
#88
Benzo(k)fluoranthene
Concen: 14.292 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 365257

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.7	10.2	15.2

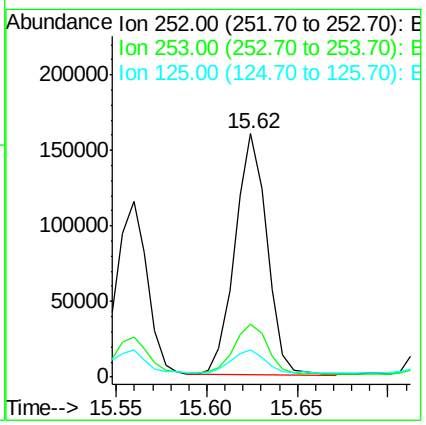


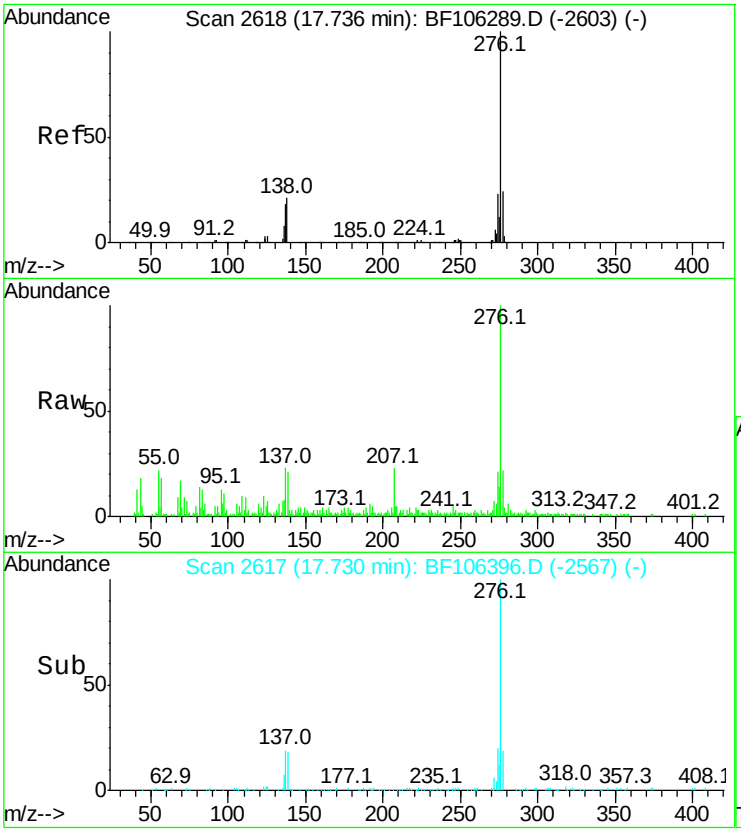


#89
Benzo(a)pyrene
Concen: 8.438 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Tgt Ion:252 Resp: 195850

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.711 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.01 min
Lab File: BF106396.D
Acq: 13 Jun 2018 17:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 88601

Ion	Ratio	Lower	Upper
276	100		
277	21.9	17.9	26.9
138	21.2	21.8	32.8#