Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106885.D
Acq On : 27 Jun 2018 21:06
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-062618-F

Quant Time: Jun 28 00:54:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	21373	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	81379	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	36737	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	63049	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	66619	20.00	ng		-0.02
86) Perylene-d12	15.68	264	48511	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	121868	96.55	ng		-0.01
7) Phenol-d6	6.59	99	155929	98.92	ng		-0.02
23) Nitrobenzene-d5	7.51	82	91356	62.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	40771	95.75	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	186879	86.33	ng		-0.02
78) Terphenyl-d14	13.07	244	194327	70.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	2697	2.042	ng	#	74
10) Phenol	6.60	94	4104	2.281	ng	#	63
19) n-Nitroso-di-n-propylamine	7.51	70	11626	11.190	ng	#	75
25) Isophorone	7.51	82	91368	35.409	ng	#	64
49) Dimethylphthalate	9.70	163	37208	13.504	ng	#	98
56) 2,4-Dinitrotoluene	10.00	165	5200	6.828	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	2390	3.176	ng	#	1
74) Fluoranthene	12.71	202	7242	2.161	ng		94
77) Pyrene	12.94	202	11123	2.532	ng		97
87) Benzo(b)fluoranthene	15.22	252	8811	2.924	ng	#	74
88) Benzo(k)fluoranthene	15.22	252	8811	3.070	ng	#	77

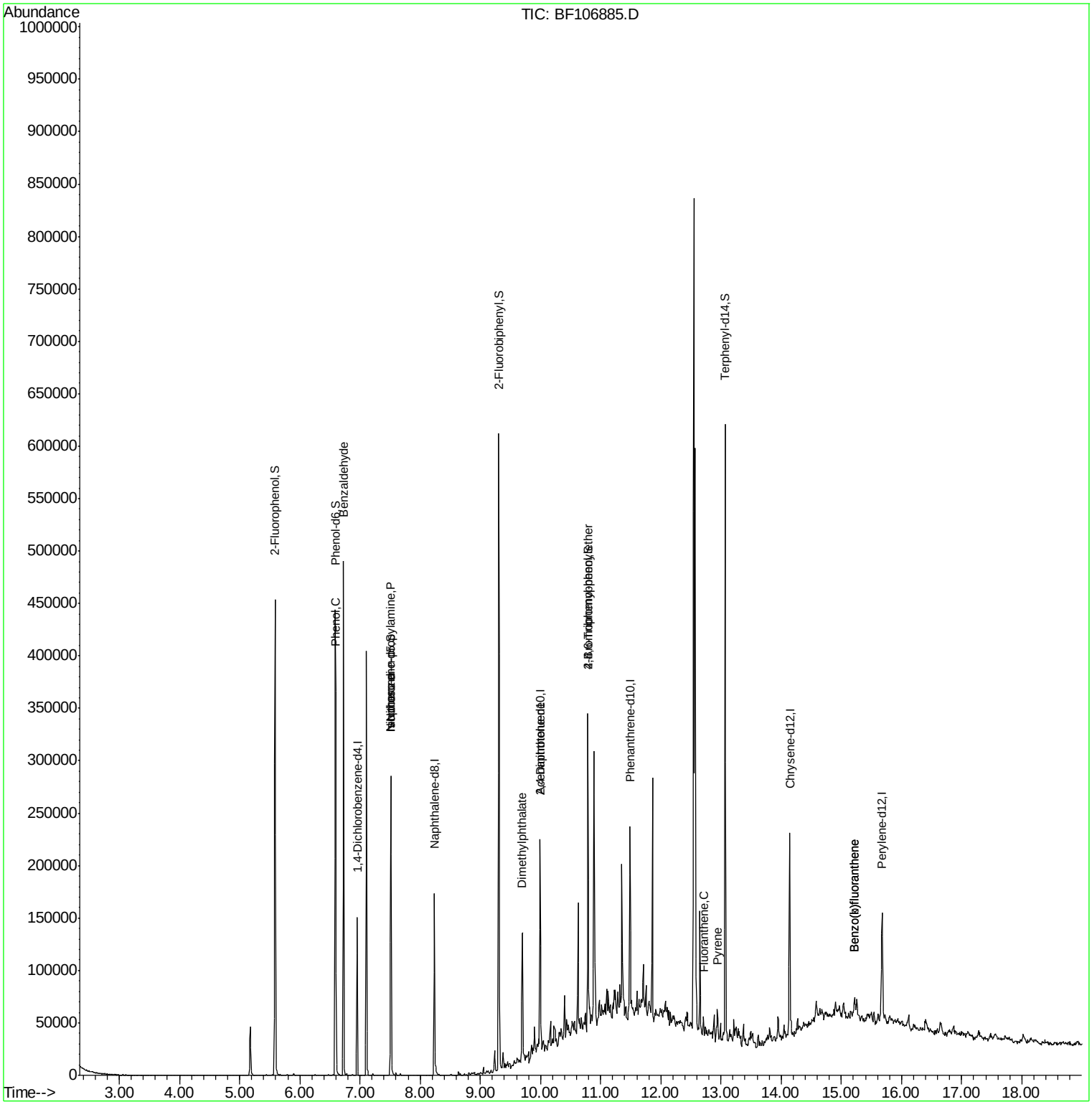
(#) = qualifier out of range (m) = manual integration (+) = signals summed

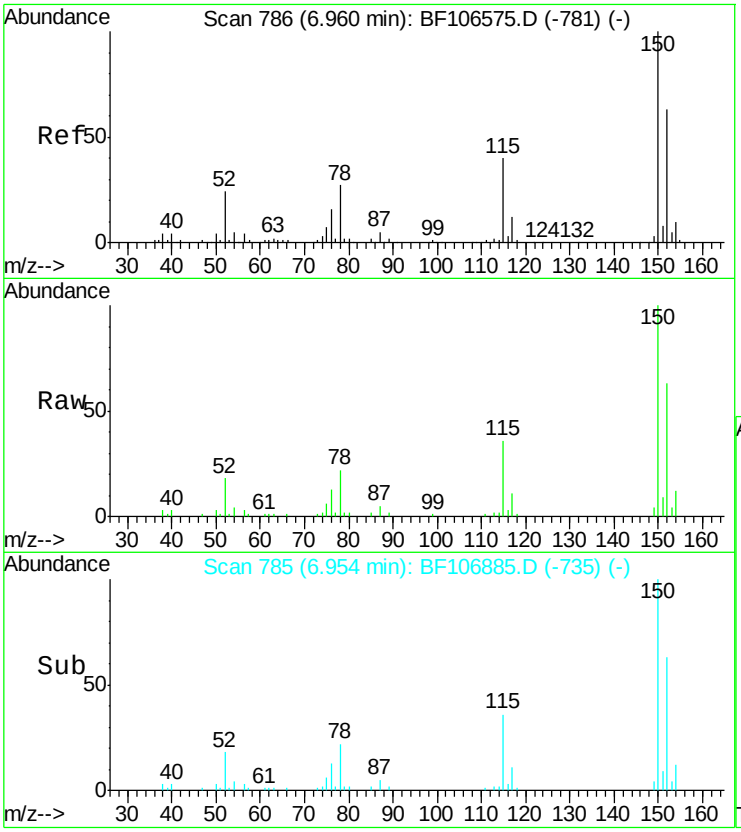
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106885.D
Acq On : 27 Jun 2018 21:06
Operator : JU/SJ
Sample : J3242-11 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Quant Time: Jun 28 00:54:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



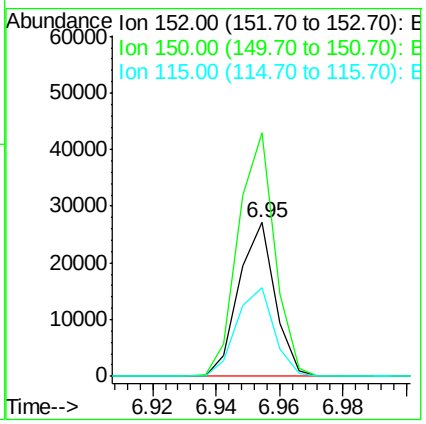


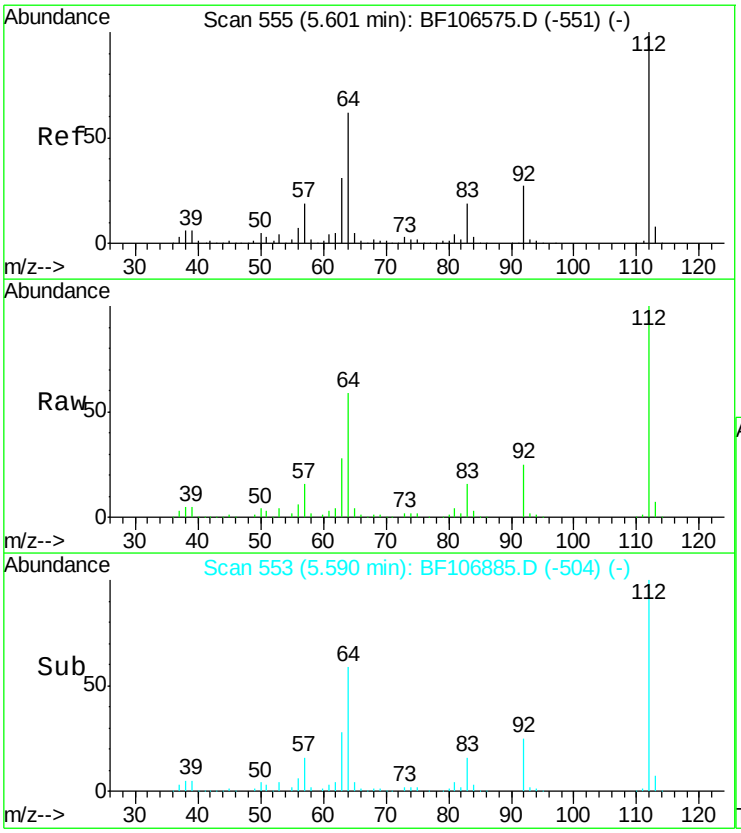
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:152 Resp: 21373

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.6	50.1	75.1

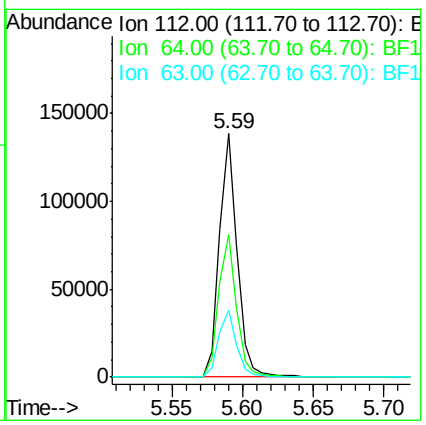


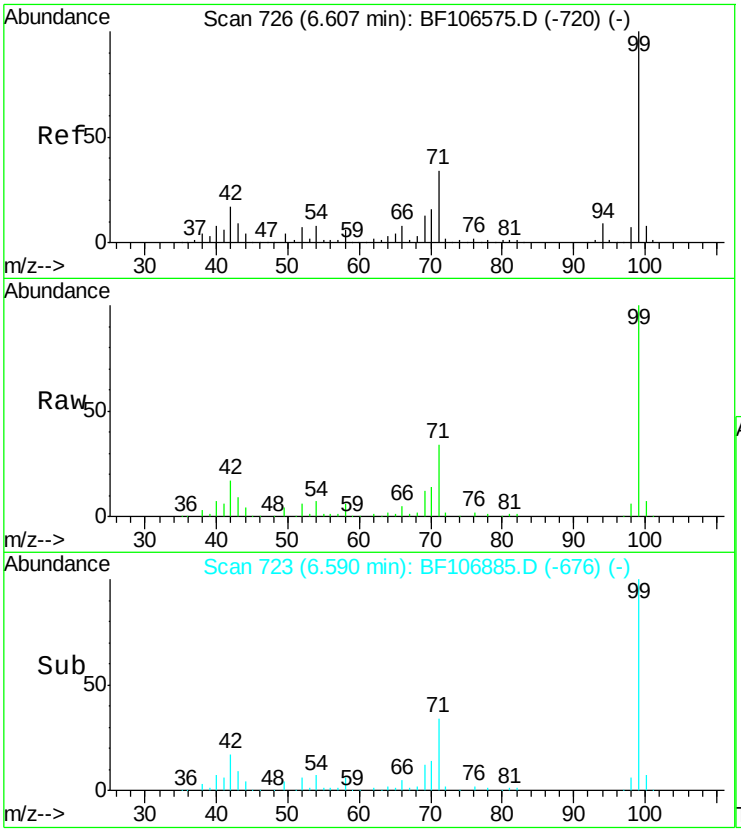


#5
2-Fluorophenol
Concen: 96.552 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:112 Resp: 121868

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	27.7	23.7	35.5



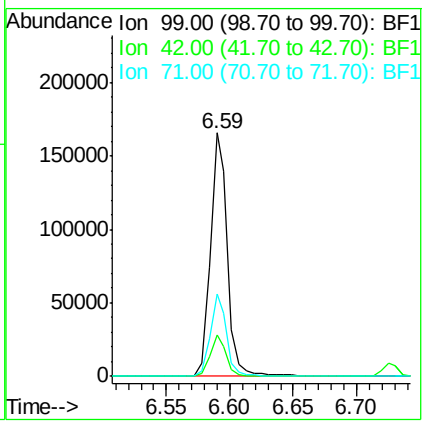


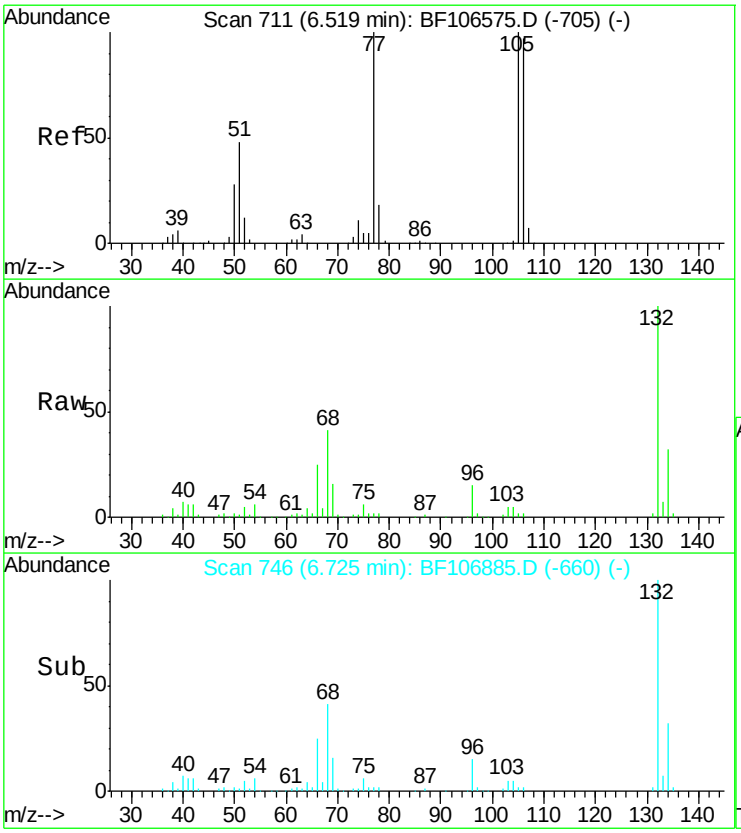
#7
Phenol-d6
Concen: 98.925 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 99 Resp: 155929

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	33.6	25.4	38.0

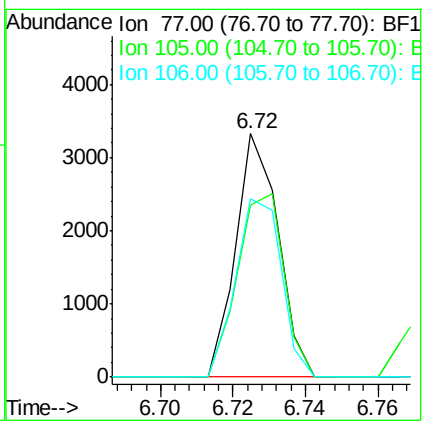


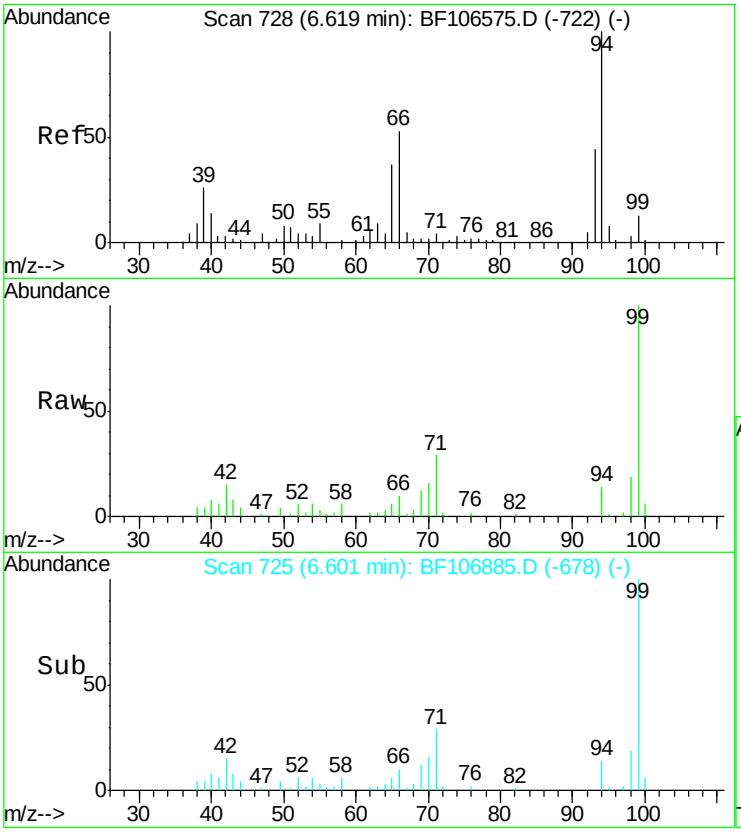


#9
Benzaldehyde
Concen: 2.042 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.21 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion: 77 Resp: 2697

Ion	Ratio	Lower	Upper
77	100		
105	70.9	81.1	121.1#
106	73.3	74.5	114.5#



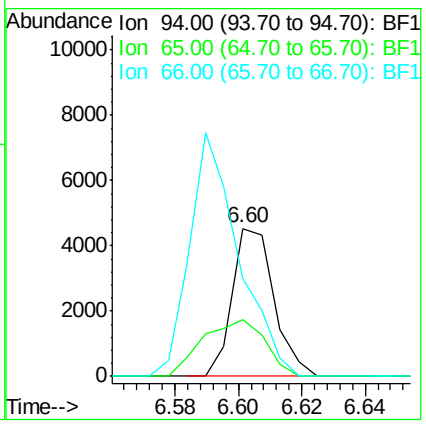


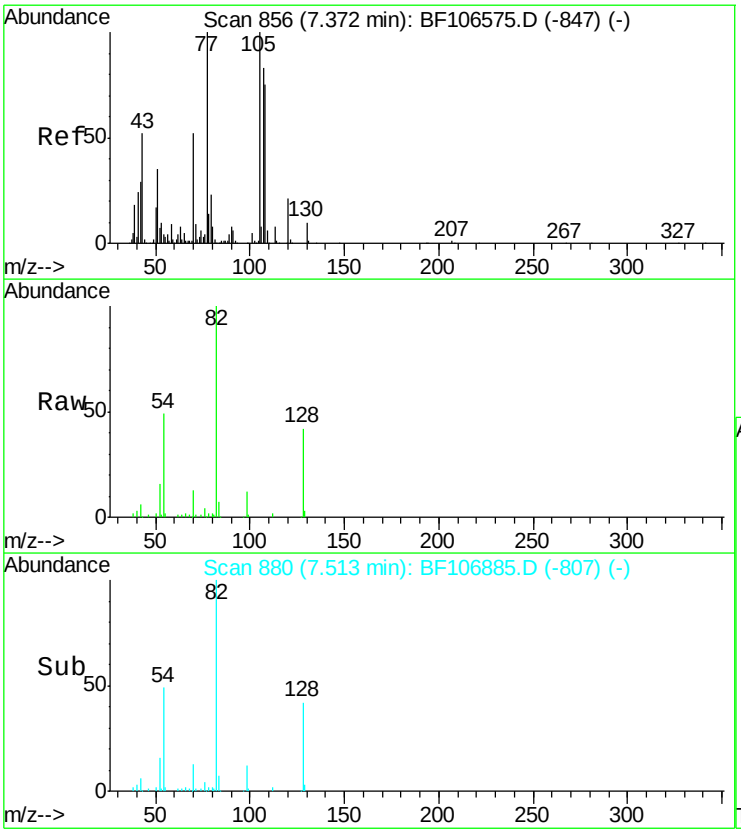
#10
Phenol
Concen: 2.281 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 94 Resp: 4104

Ion	Ratio	Lower	Upper
94	100		
65	38.0	7.9	47.9
66	66.2	16.2	56.2#

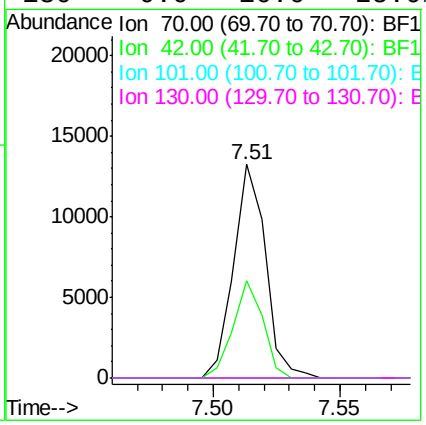


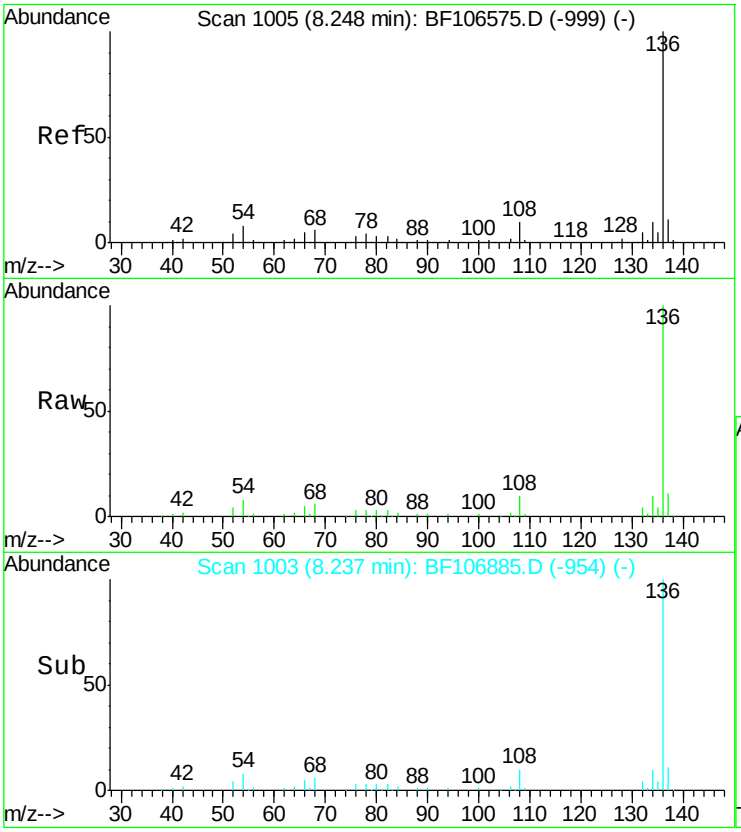


#19
n-Nitroso-di-n-propylamine
Concen: 11.190 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion: 70 Resp: 11626

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



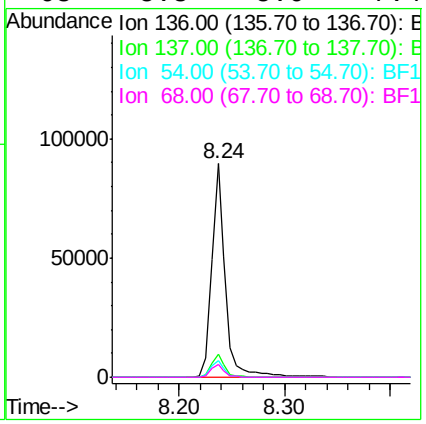


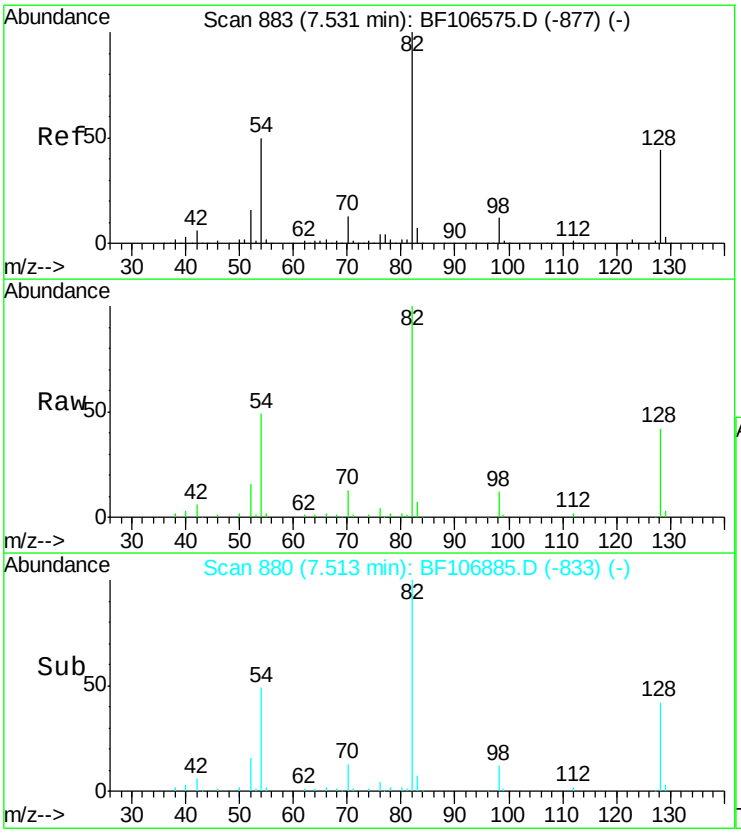
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:136 Resp: 81379

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.8	6.6	9.8
68	5.8	5.0	7.4

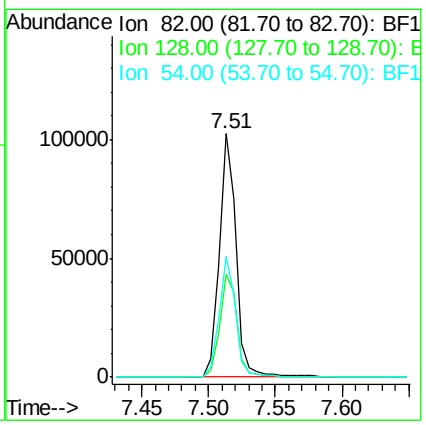


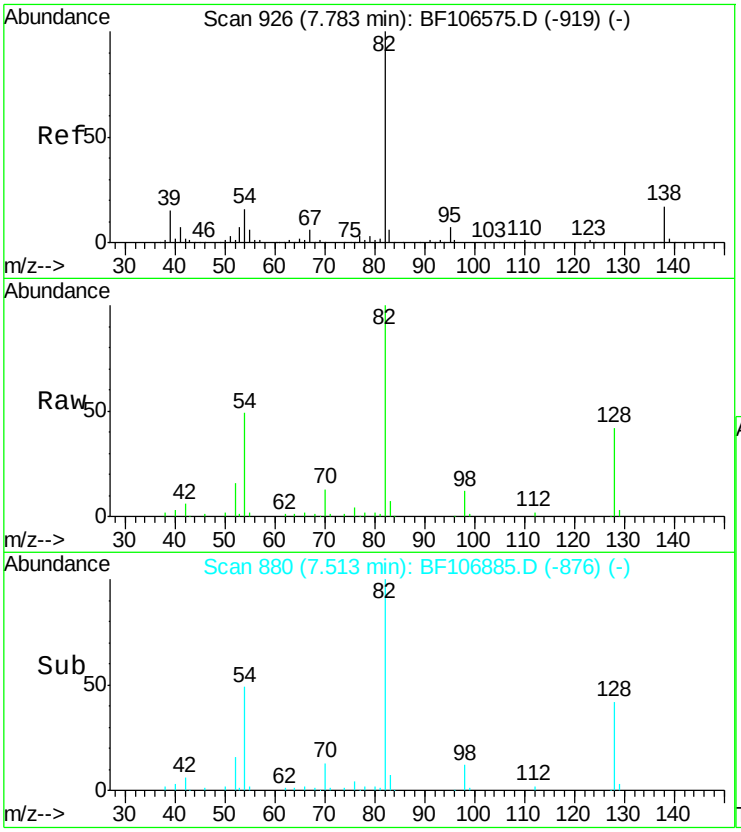


#23
Nitrobenzene-d5
Concen: 62.387 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion: 82 Resp: 91356

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.4	41.4	62.2



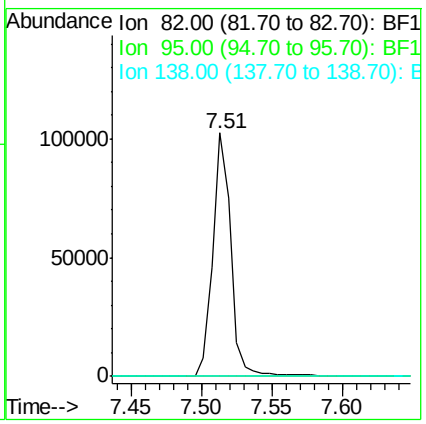


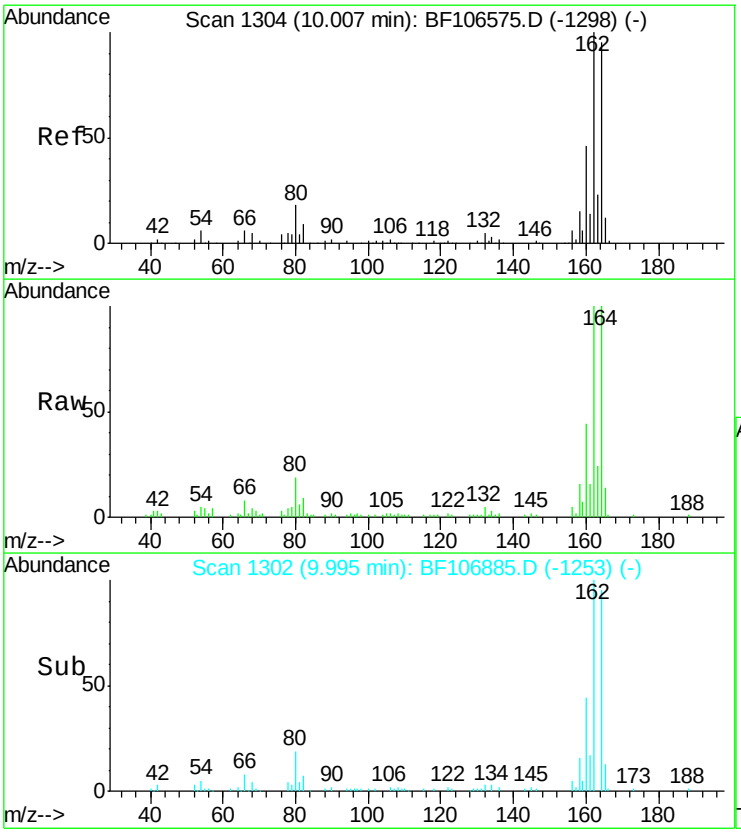
#25
Isophorone
Concen: 35.409 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 82 Resp: 91368

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

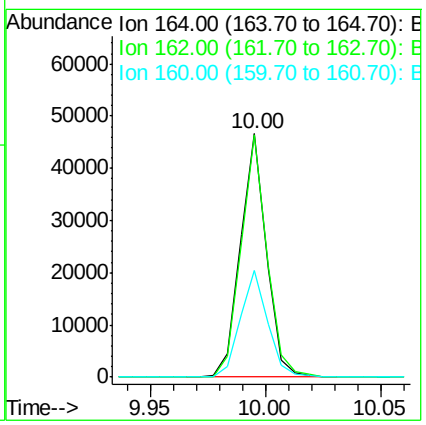


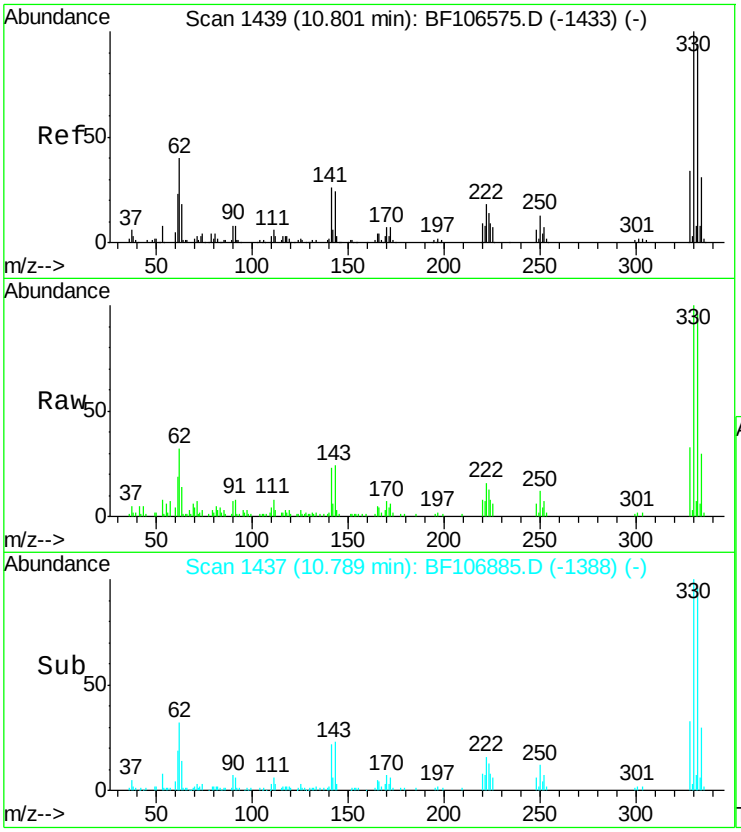


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:164 Resp: 36737

Ion	Ratio	Lower	Upper
164	100		
162	99.6	86.1	129.1
160	43.9	38.3	57.5



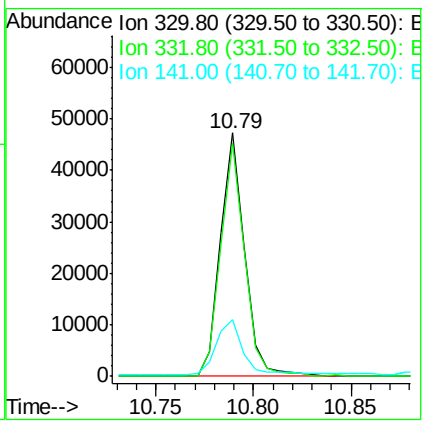


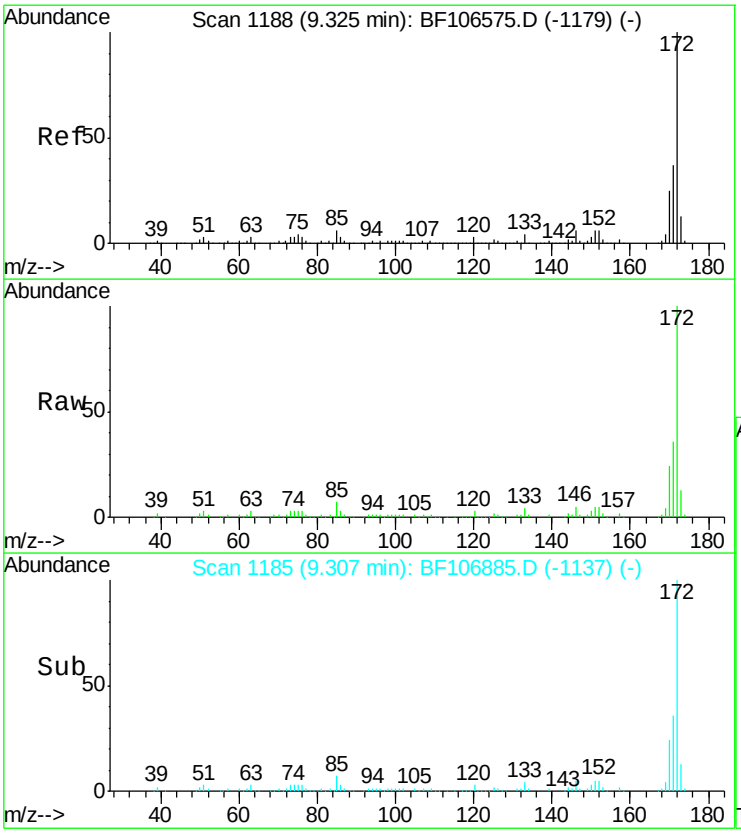
#41
2,4,6-Tribromophenol
Concen: 95.753 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:330 Resp: 40771

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	24.3	29.9	44.9#

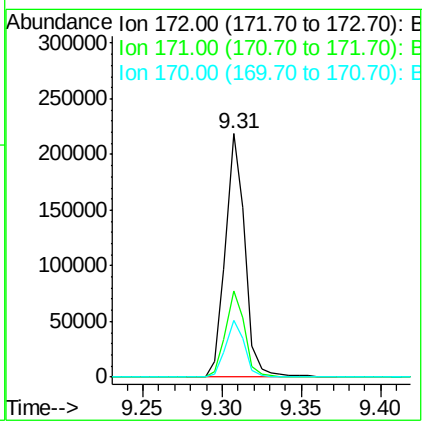


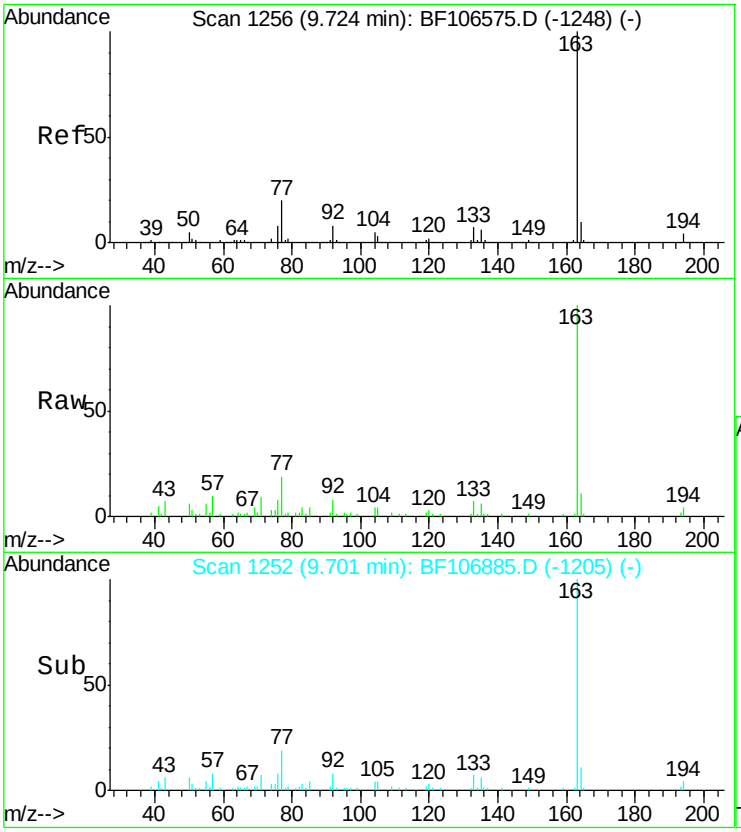


#44
2-Fluorobiphenyl
Concen: 86.334 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:172 Resp: 186879

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	19.6	29.4



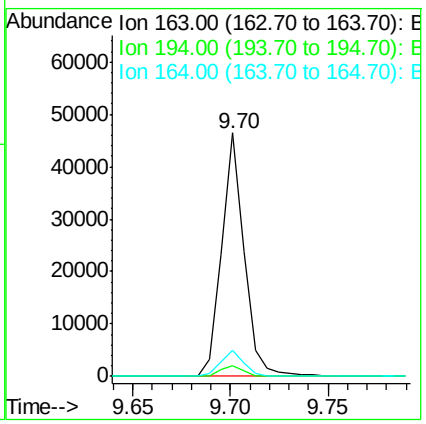


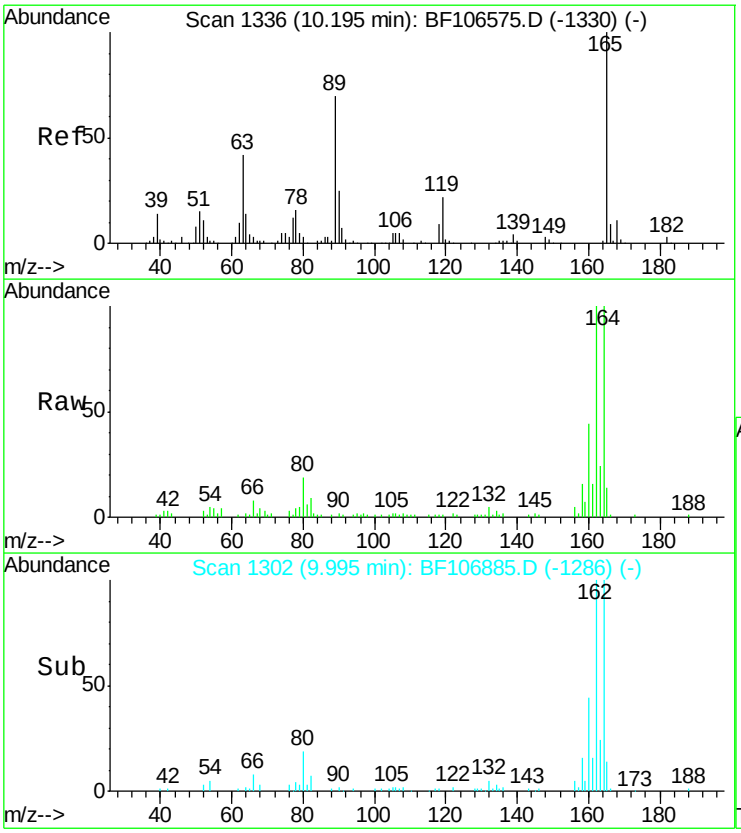
#49
Dimethylphthalate
Concen: 13.504 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:163 Resp: 37208

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	10.8	8.2	12.2

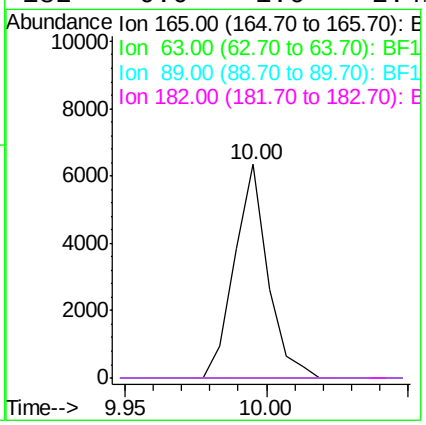


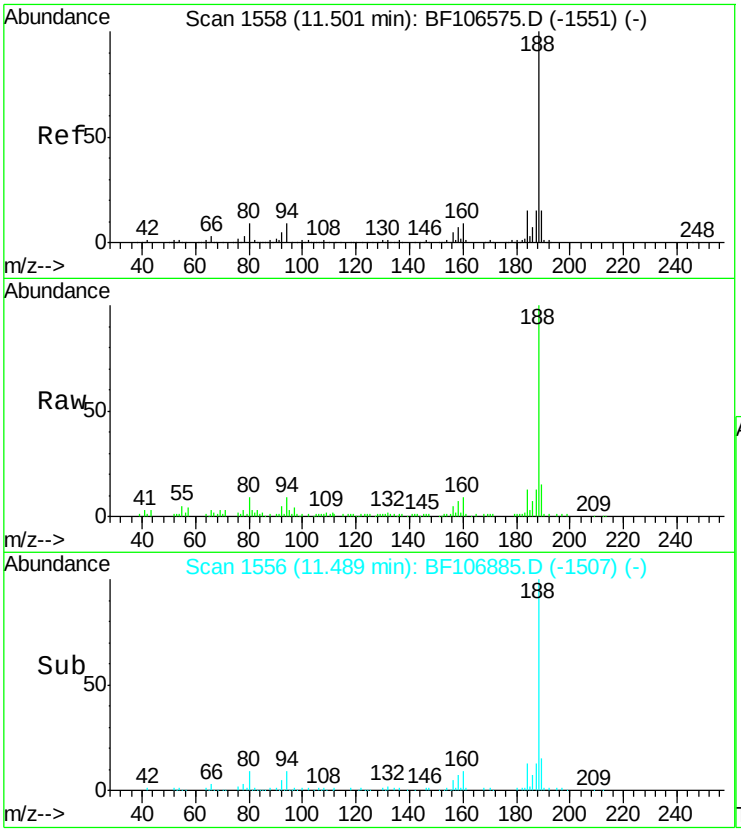


#56
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:165 Resp: 5200

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#



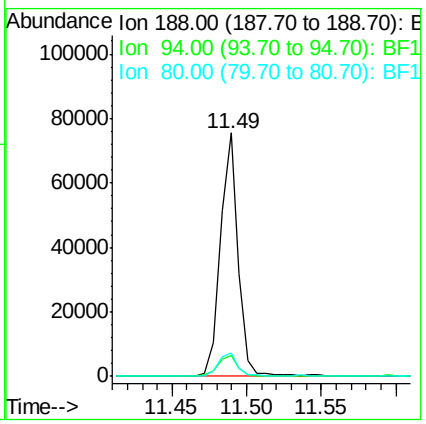


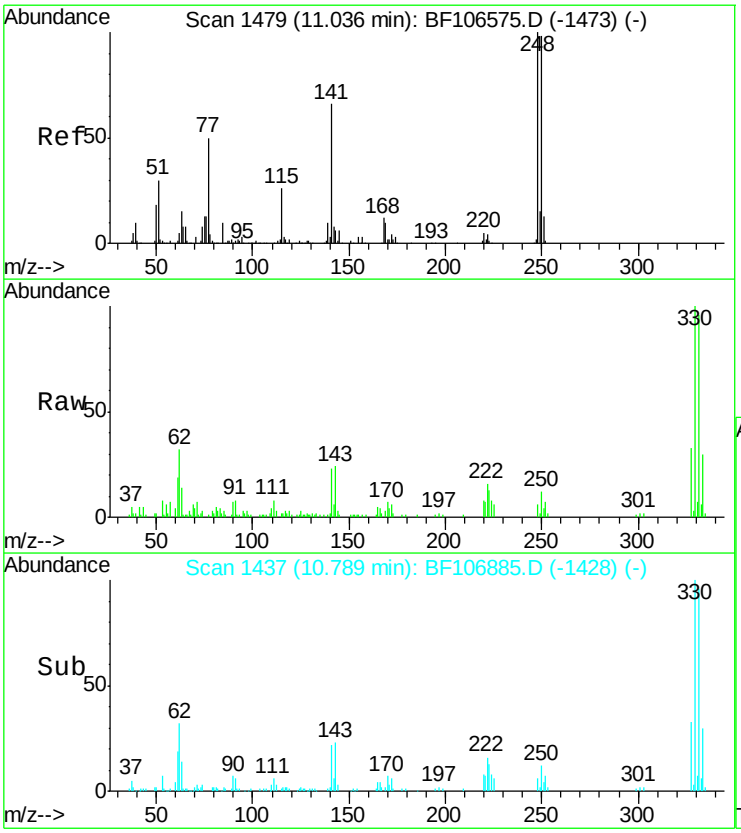
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:188 Resp: 63049

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.4	9.2	13.8

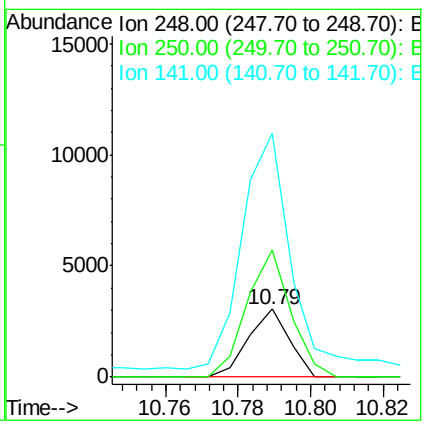


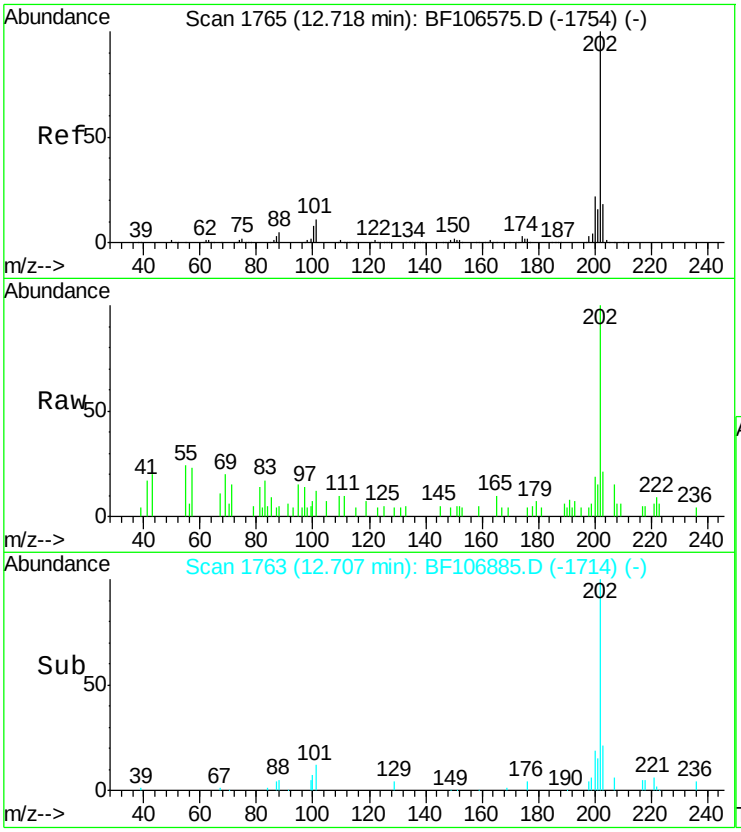


#66
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:248 Resp: 2390

Ion	Ratio	Lower	Upper
248	100		
250	187.3	76.9	115.3#
141	358.3	74.4	111.6#



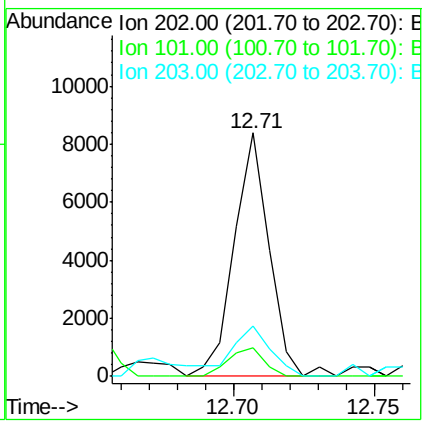


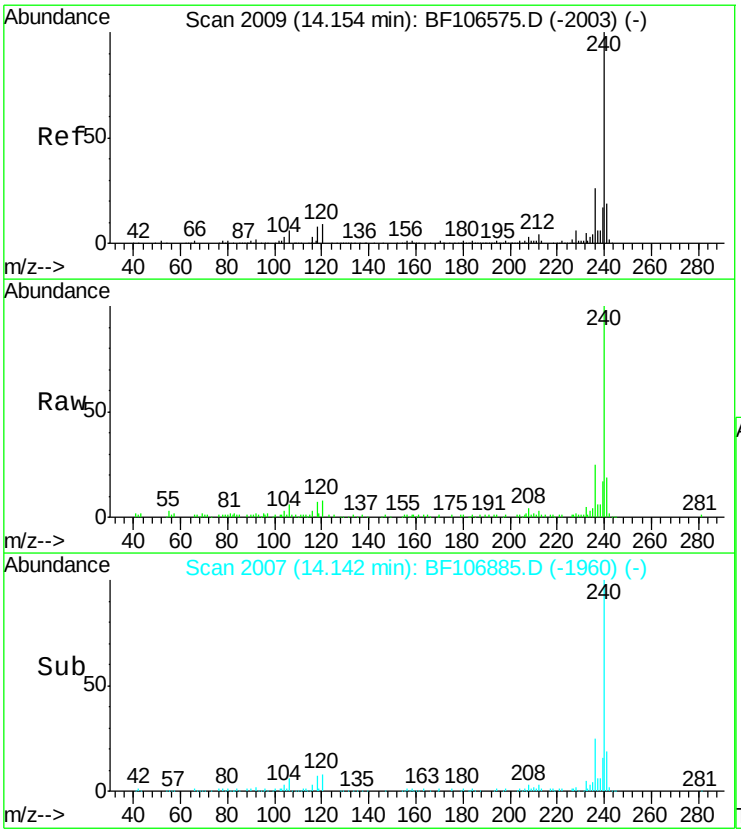
#74
Fluoranthene
Concen: 2.161 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:202 Resp: 7242

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	20.9	0.0	38.1

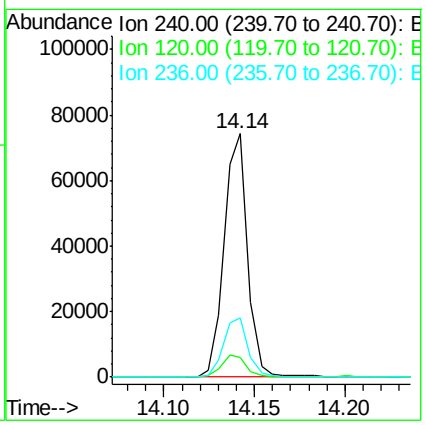


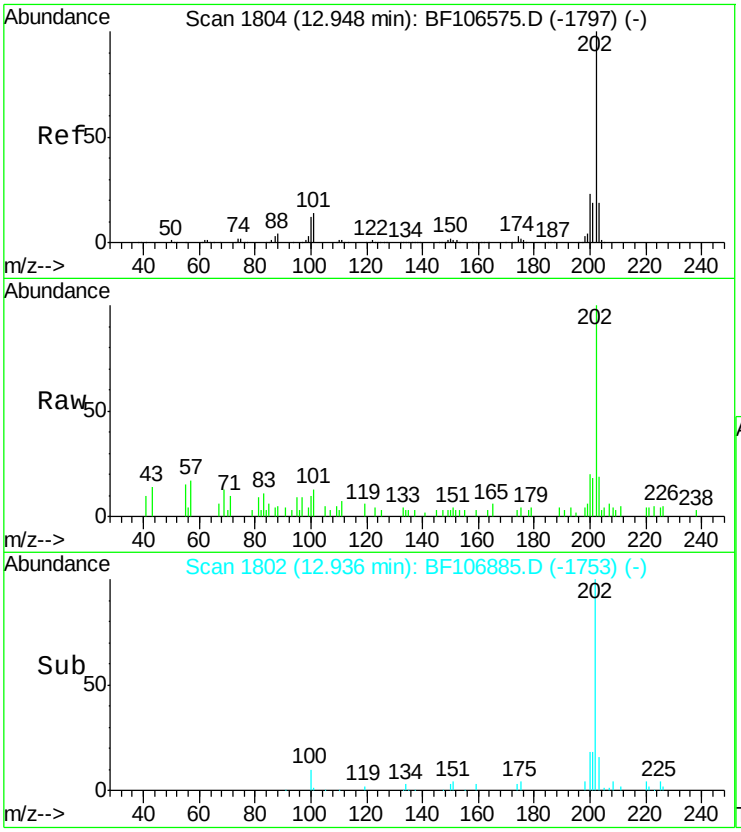


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:240 Resp: 66619

Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	24.6	20.7	31.1



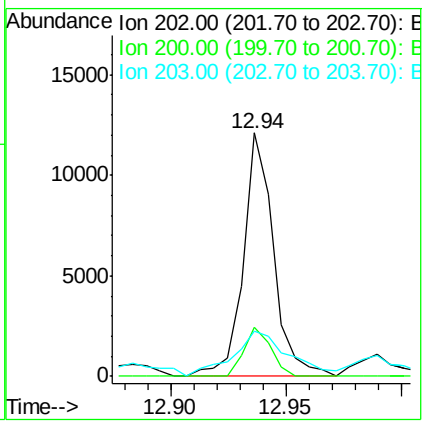


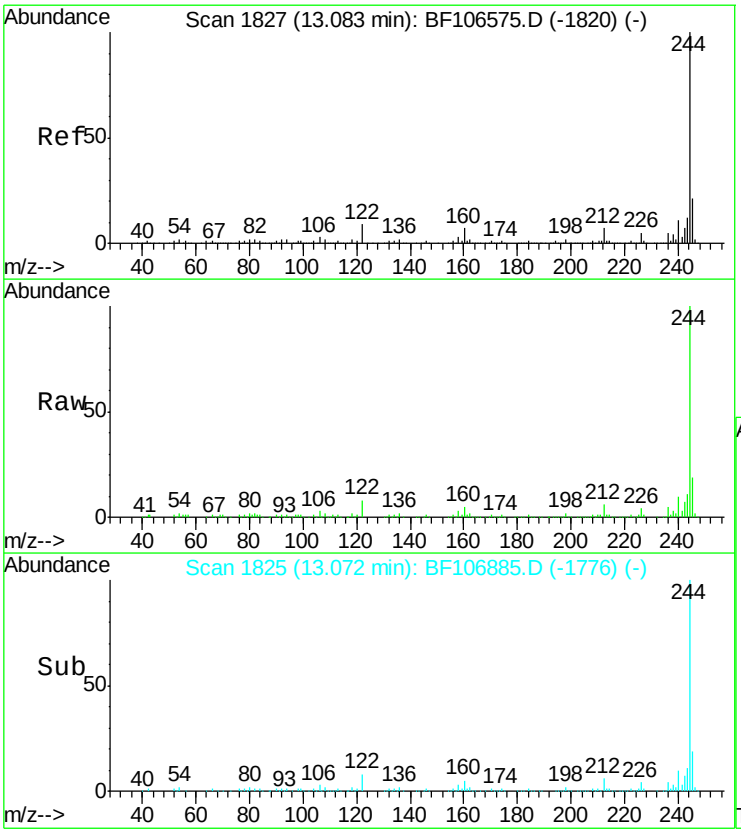
#77
Pyrene
Concen: 2.532 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:202 Resp: 11123

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	18.8	14.3	21.5

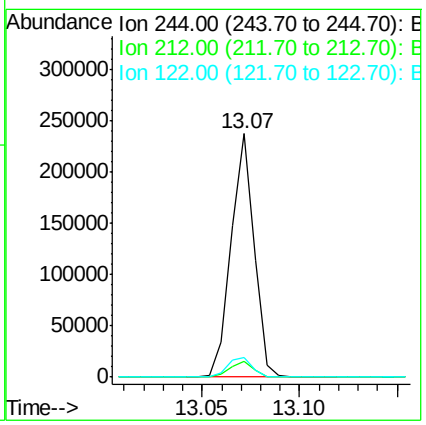


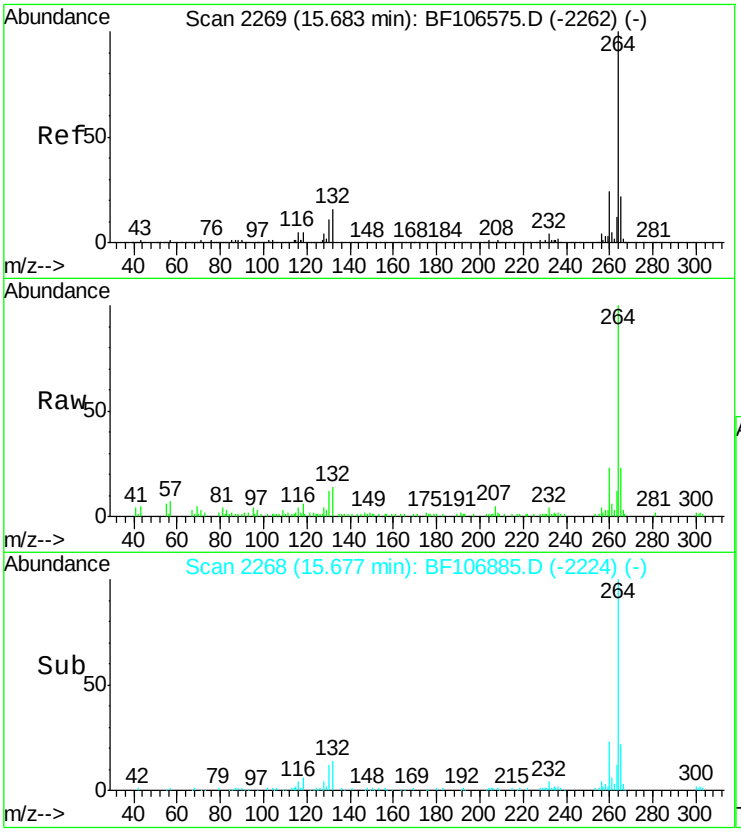


#78
Terphenyl-d14
Concen: 70.658 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:244 Resp: 194327

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.3	11.0	16.4#



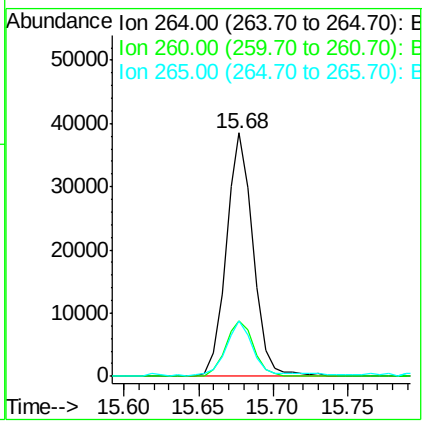


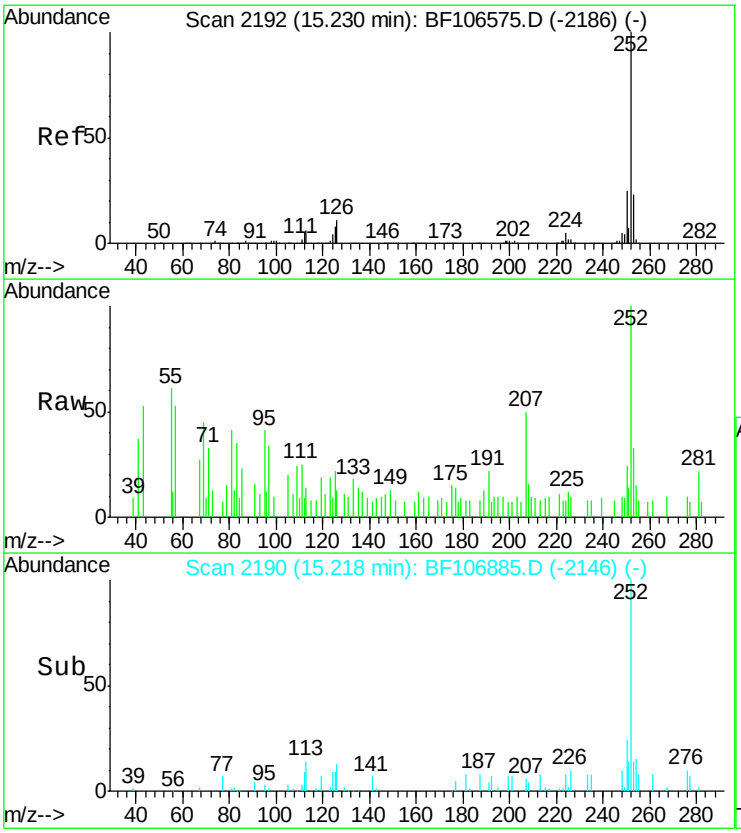
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument : BNA_F
ClientSampleId : JC-02-062618-F

Tgt Ion:264 Resp: 48511

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.7	17.5	26.3

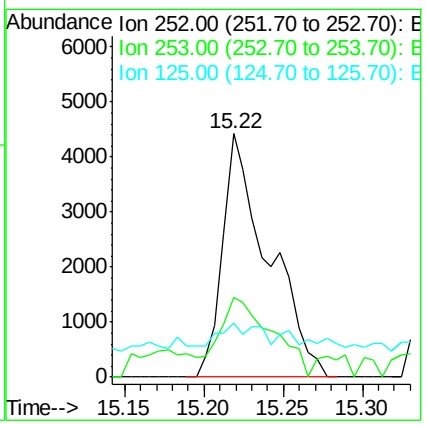


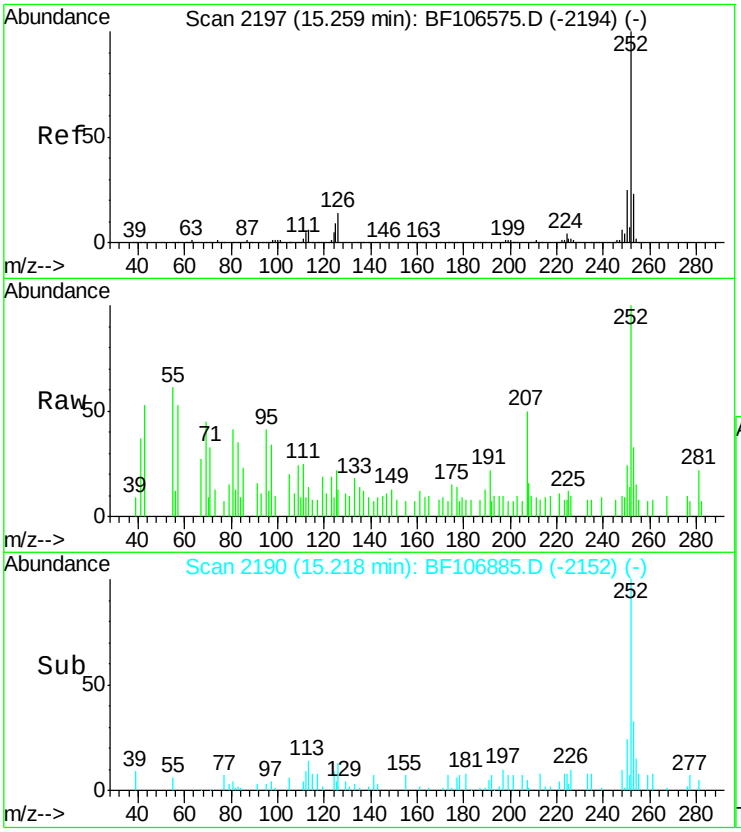


#87
Benzo(b)fluoranthene
Concen: 2.924 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Tgt Ion:252 Resp: 8811

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.0	25.6#
125	22.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.070 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106885.D
Acq: 27 Jun 2018 21:06

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:252 Resp: 8811

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.9	26.9#
125	22.4	10.2	15.2#