Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106880.D
Acq On : 27 Jun 2018 18:54
Operator : JU/SJ
Sample : J3242-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 28 00:53:31 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	40732	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	161896	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	79734	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	140561	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	135593	20.00	ng		-0.02
86) Perylene-d12	15.68	264	123598	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	54109	22.49	ng		-0.02
7) Phenol-d6	6.59	99	71042	23.65	ng		-0.02
23) Nitrobenzene-d5	7.51	82	41920	14.39	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	19776	21.40	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	90134	5.30	ng		-0.02
78) Terphenyl-d14	13.07	244	91899	16.42	ng		-0.01
Target Compounds							Qvalue
35) Caprolactam	8.64	113	1976	2.668	ng	#	8
49) Dimethylphthalate	9.70	163	19546	3.268	ng	#	93
74) Fluoranthene	12.71	202	19309	2.584	ng		94
77) Pyrene	12.94	202	20166	2.255	ng		99
87) Benzo(b)fluoranthene	15.22	252	18520	2.412	ng	#	82
88) Benzo(k)fluoranthene	15.22	252	18520	2.533	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062718\
Data File : BF106880.D
Acq On : 27 Jun 2018 18:54
Operator : JU/SJ
Sample : J3242-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 28 00:53:31 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
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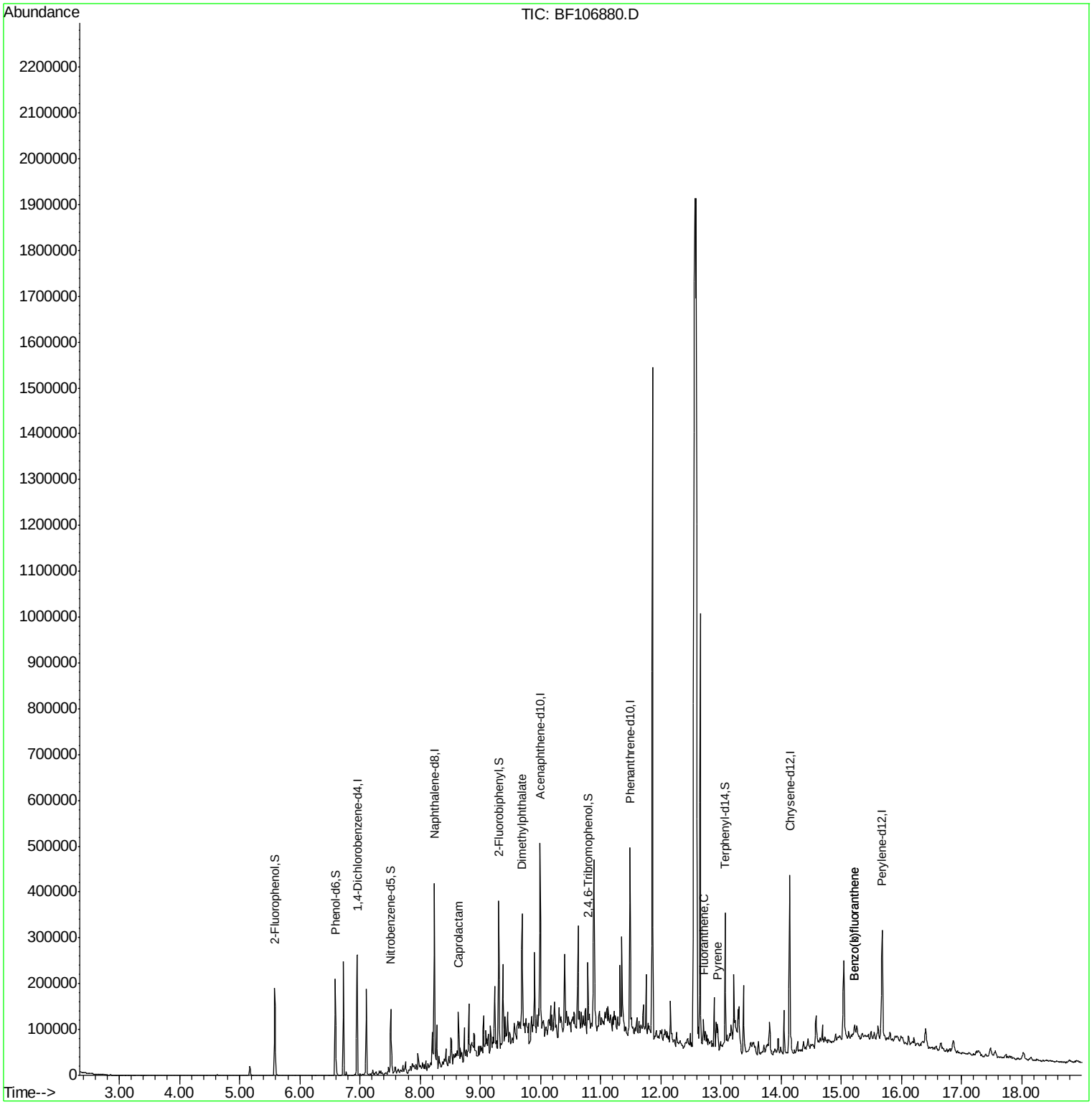
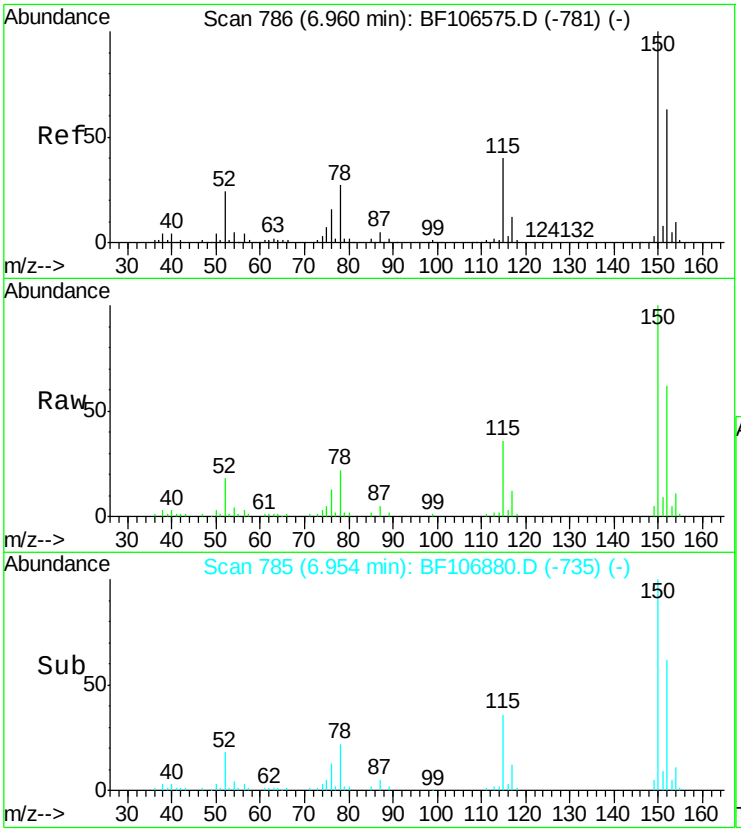


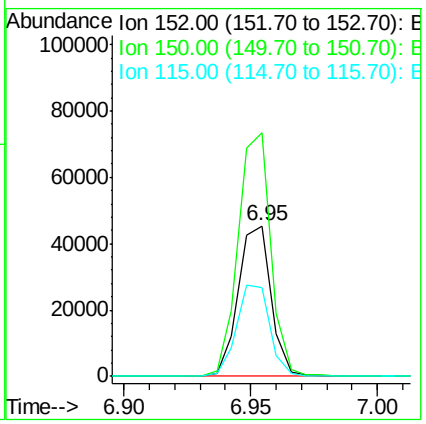


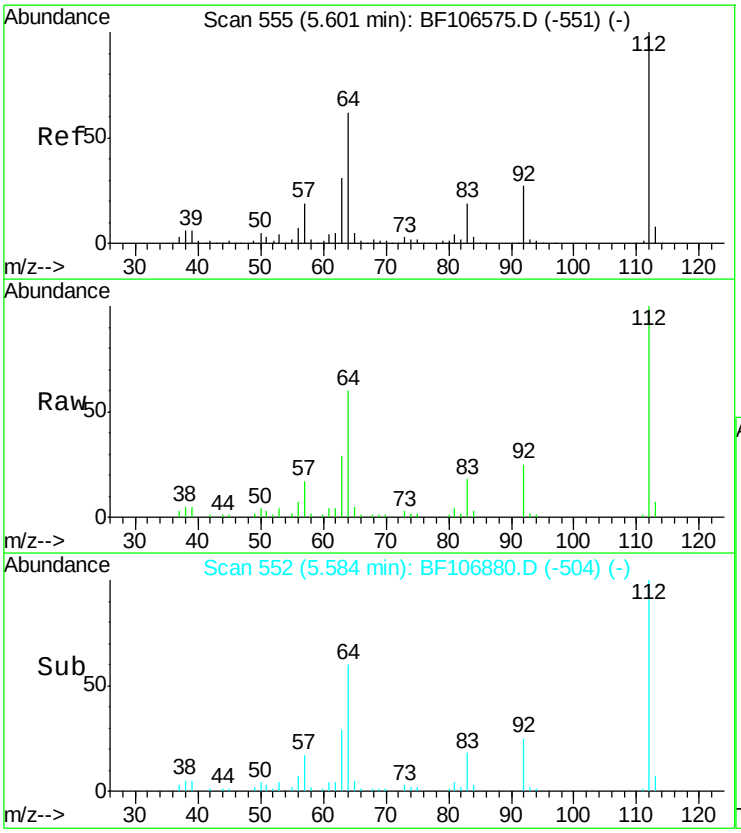
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:152 Resp: 40732

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	58.5	50.1	75.1

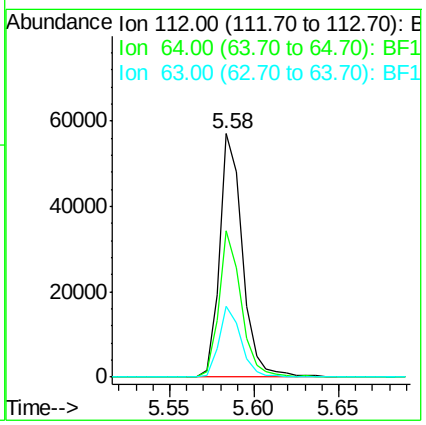


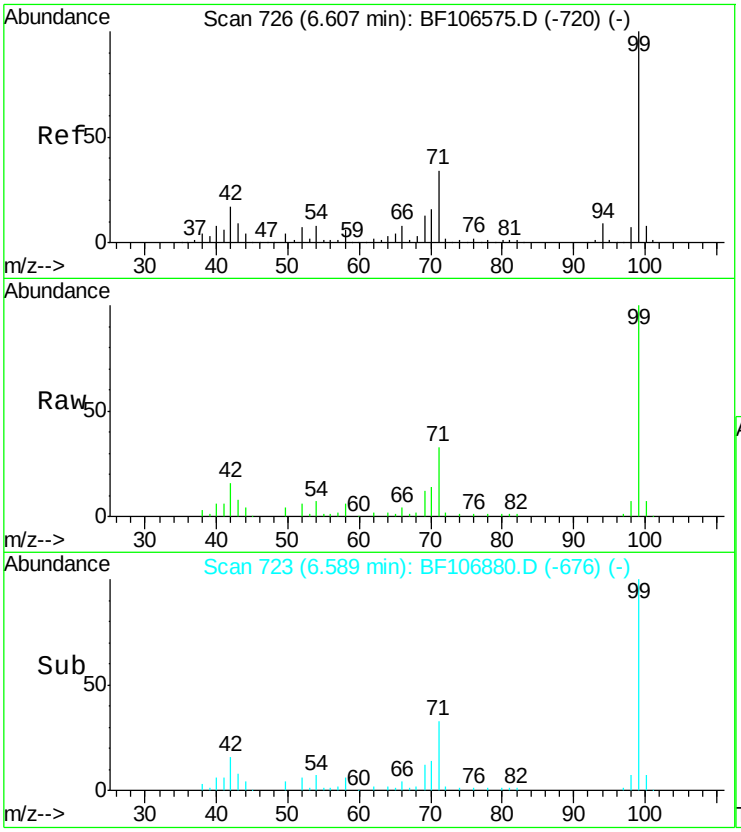


#5
2-Fluorophenol
Concen: 22.494 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:112 Resp: 54109

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	29.1	23.7	35.5



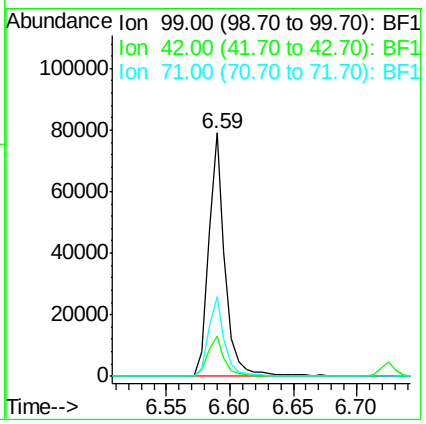


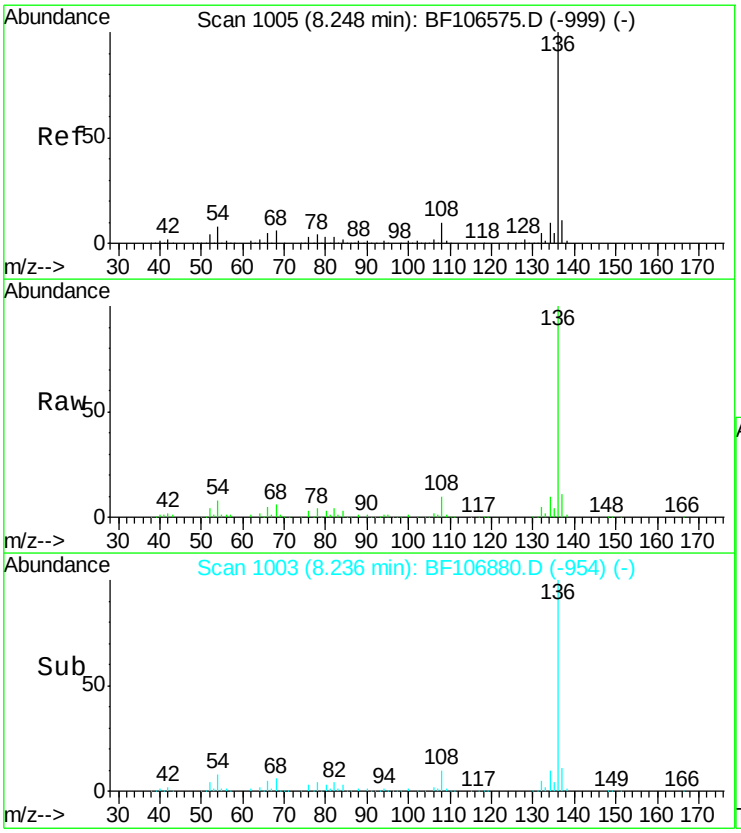
#7
Phenol-d6
Concen: 23.650 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion: 99 Resp: 71042

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	32.6	25.4	38.0

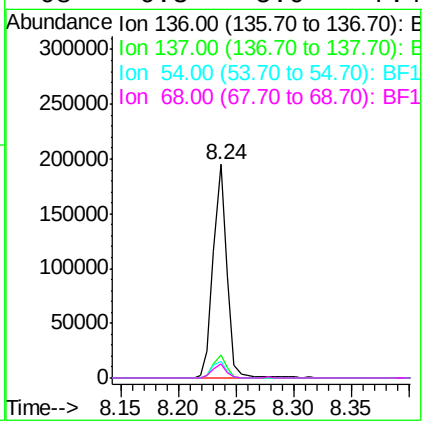


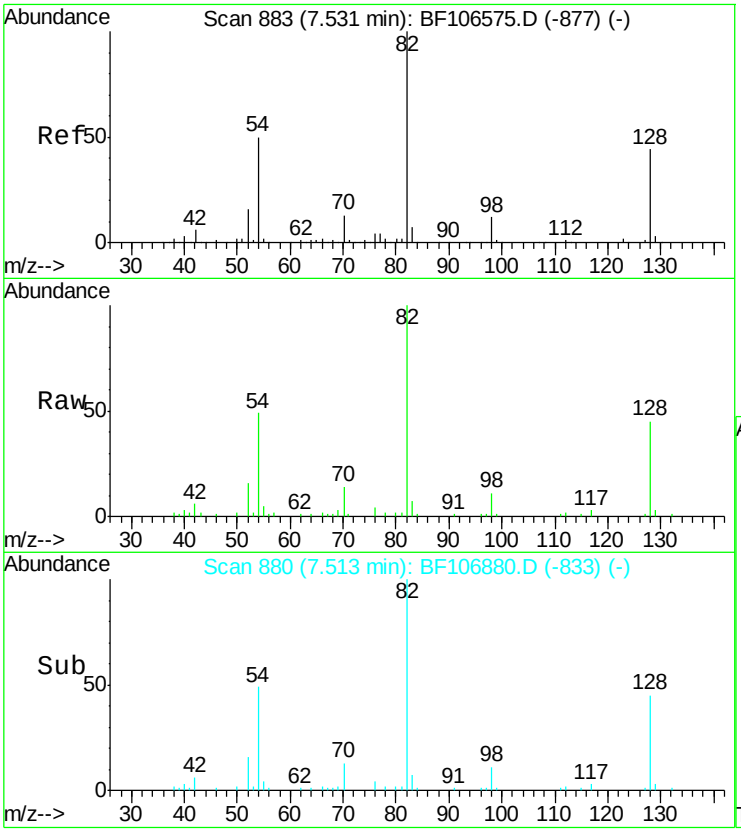


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:136 Resp: 161896

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	6.6	9.8
68	6.3	5.0	7.4



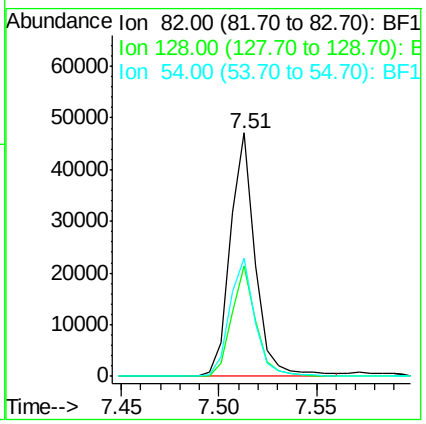


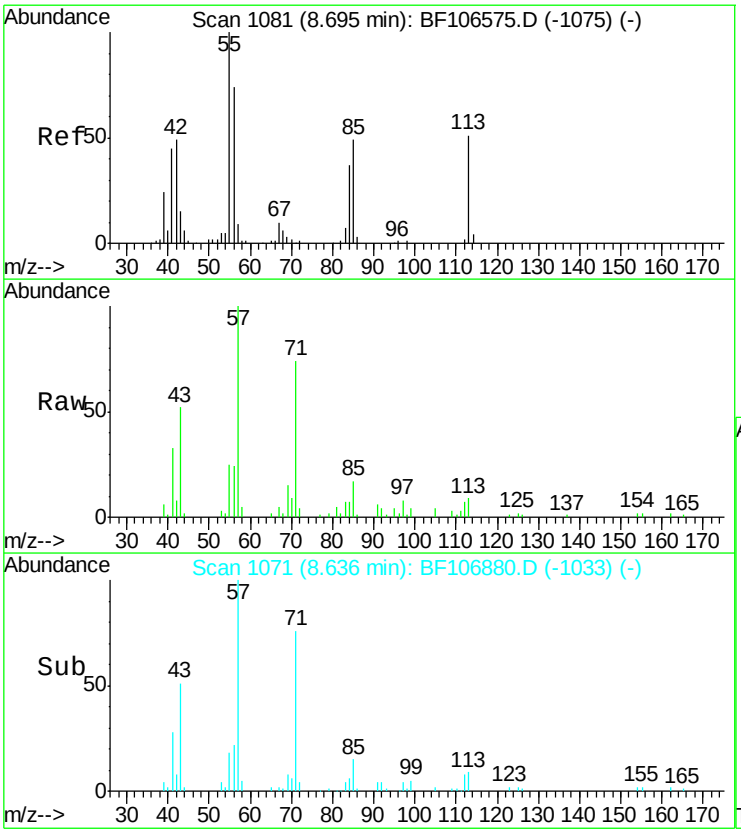
#23
Nitrobenzene-d5
Concen: 14.390 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion: 82 Resp: 41920

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	48.7	41.4	62.2

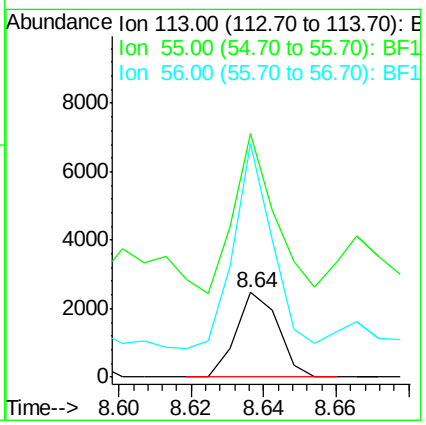


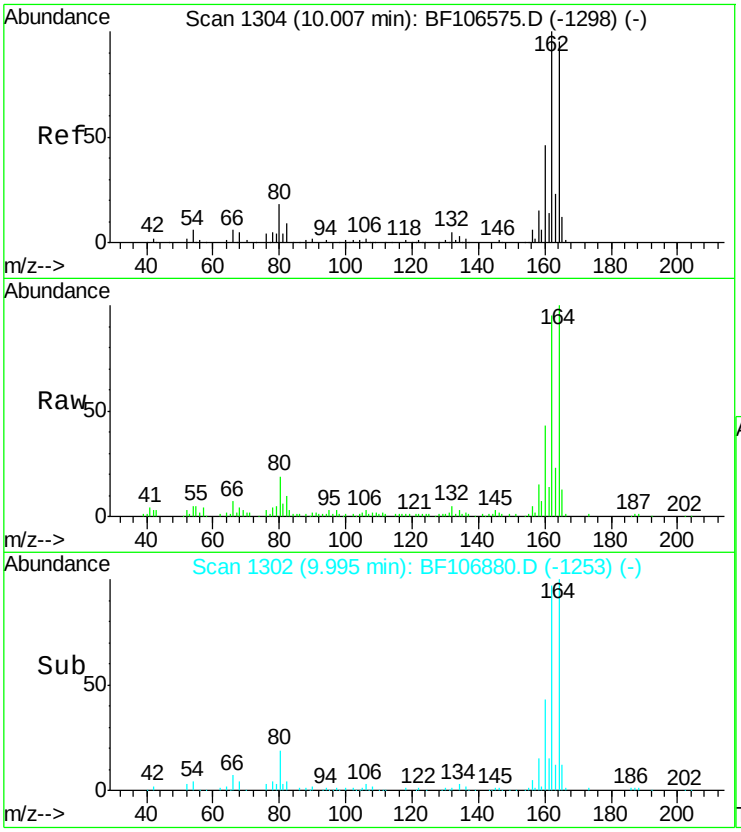


#35
Caprolactam
Concen: 2.668 ng
RT: 8.64 min Scan# 1071
Delta R.T. -0.08 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:113 Resp: 1976

Ion	Ratio	Lower	Upper
113	100		
55	288.4	163.3	203.3#
56	276.6	115.7	155.7#



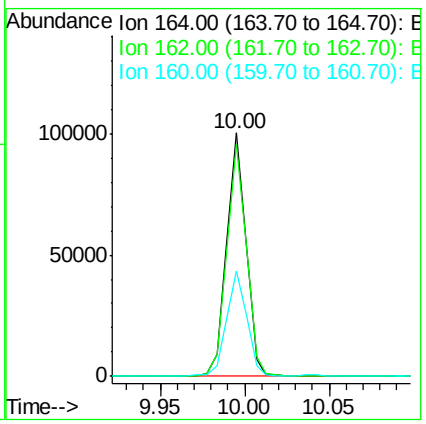


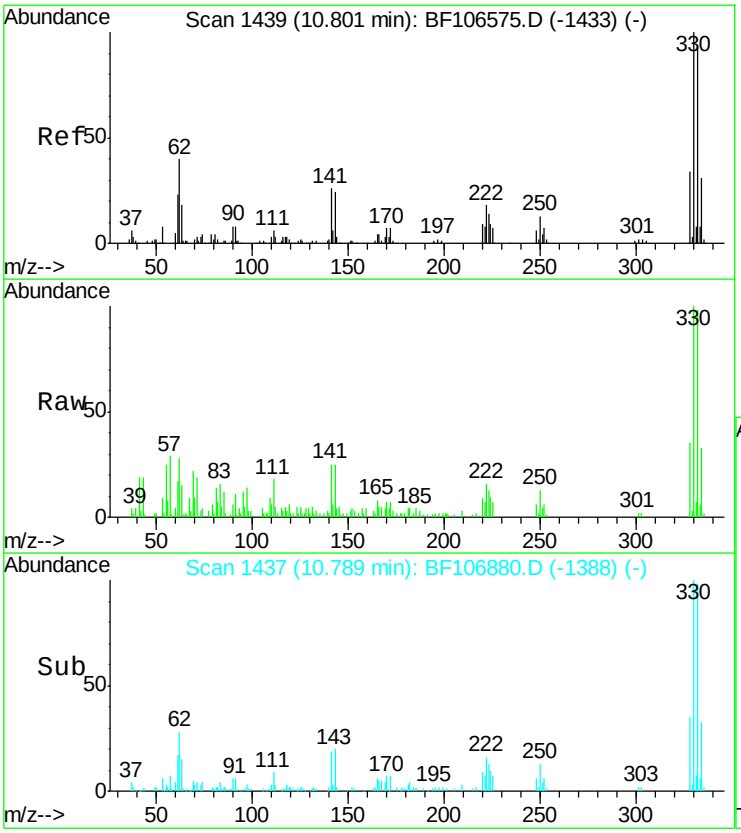
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:164 Resp: 79734

Ion	Ratio	Lower	Upper
164	100		
162	95.4	86.1	129.1
160	43.3	38.3	57.5

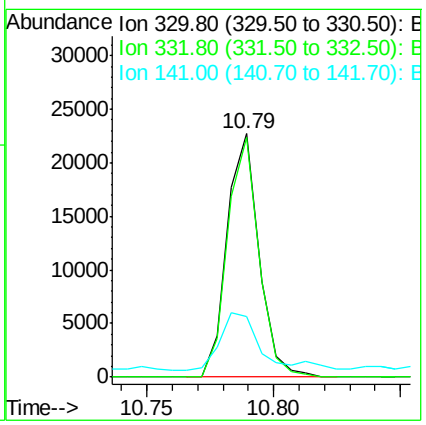


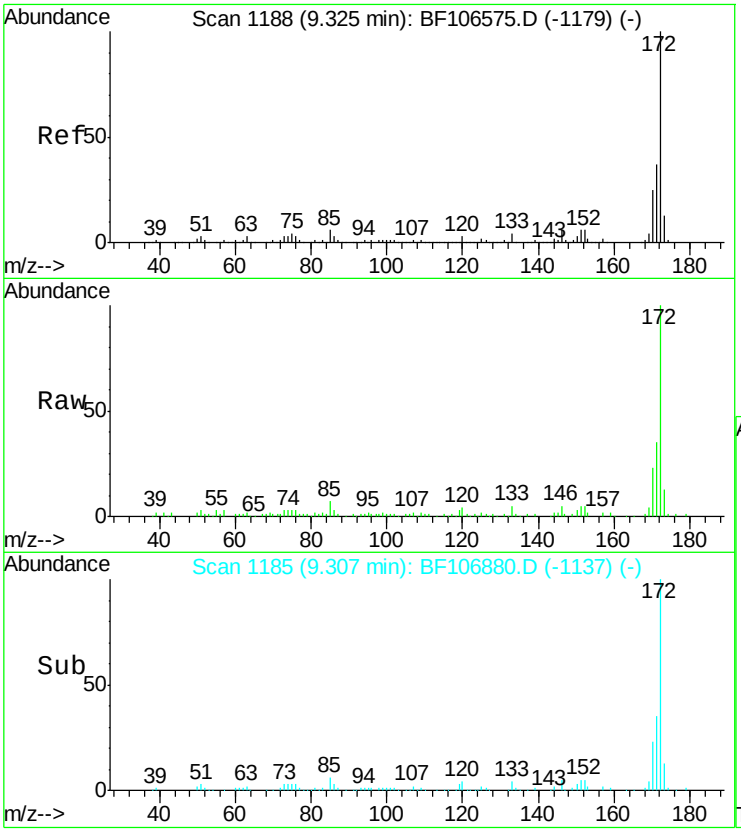


#41
2,4,6-Tribromophenol
Concen: 21.399 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:330 Resp: 19776

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.3	29.9	44.9



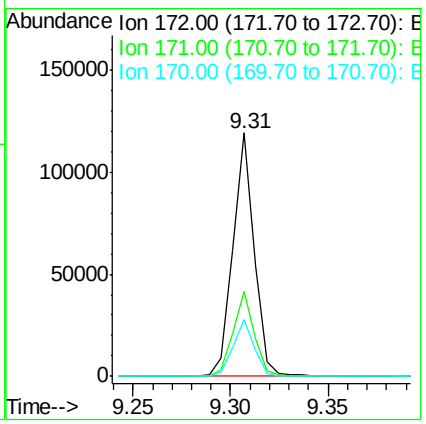


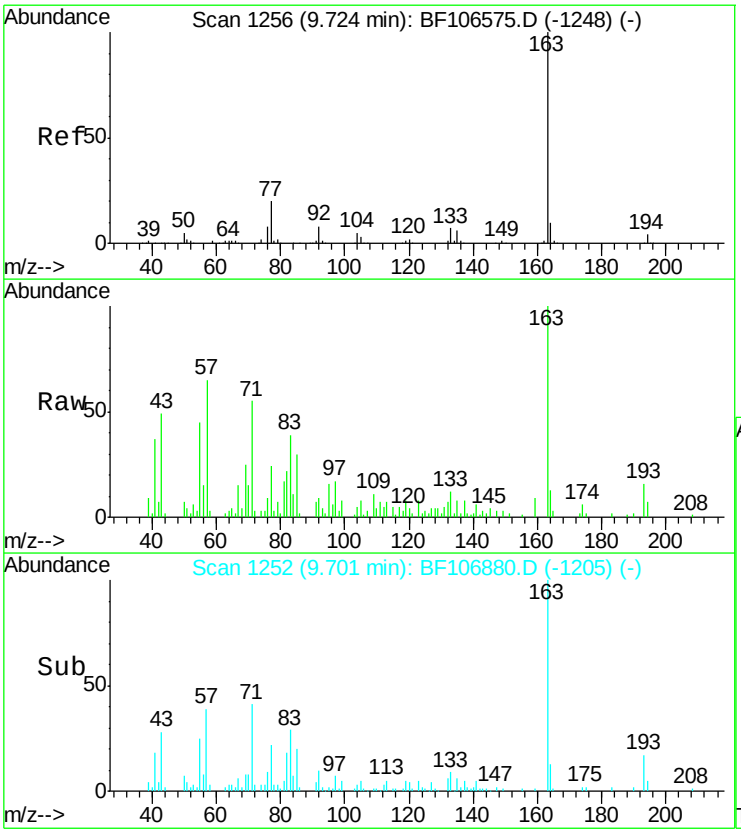
#44
2-Fluorobiphenyl
Concen: 5.303 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:172 Resp: 90134

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.3	19.6	29.4

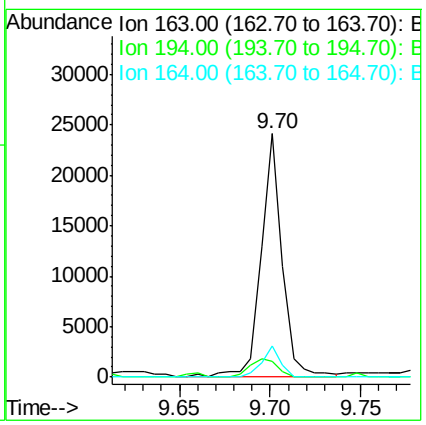


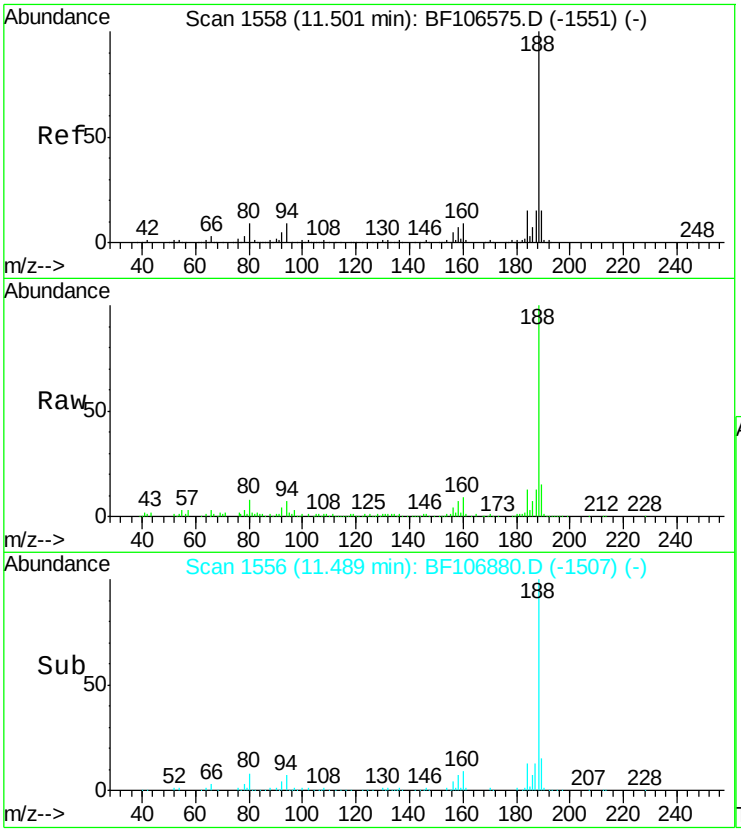


#49
Dimethylphthalate
Concen: 3.268 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:163 Resp: 19546

Ion	Ratio	Lower	Upper
163	100		
194	6.7	2.7	4.1#
164	12.6	8.2	12.2#



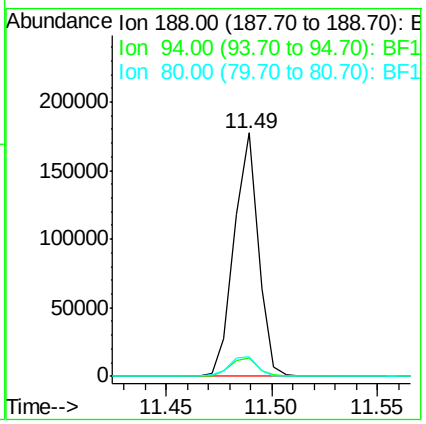


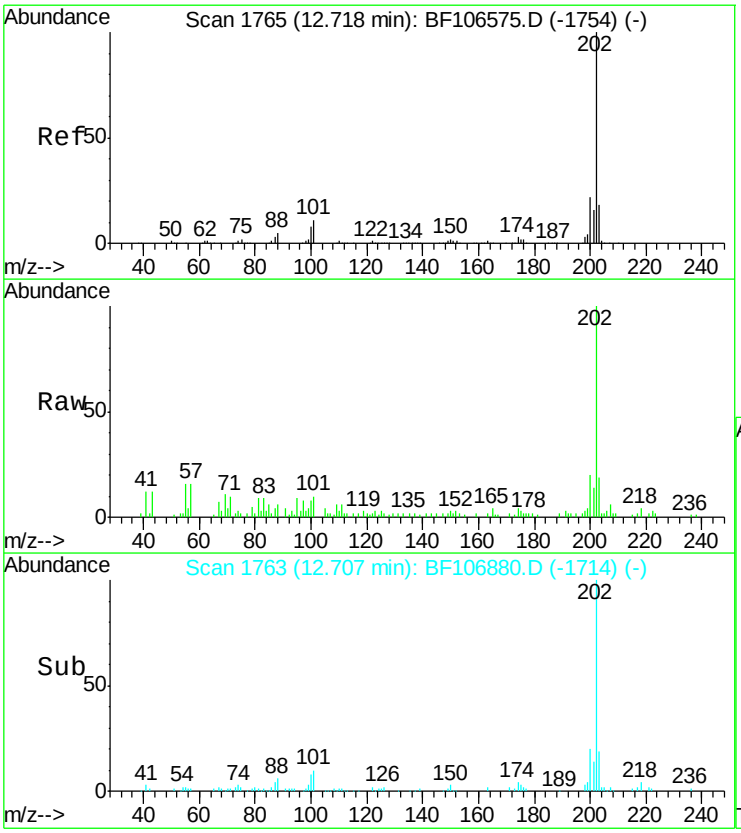
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:188 Resp: 140561

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.0	9.2	13.8#

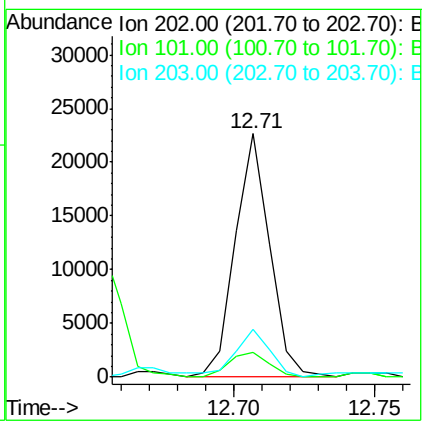


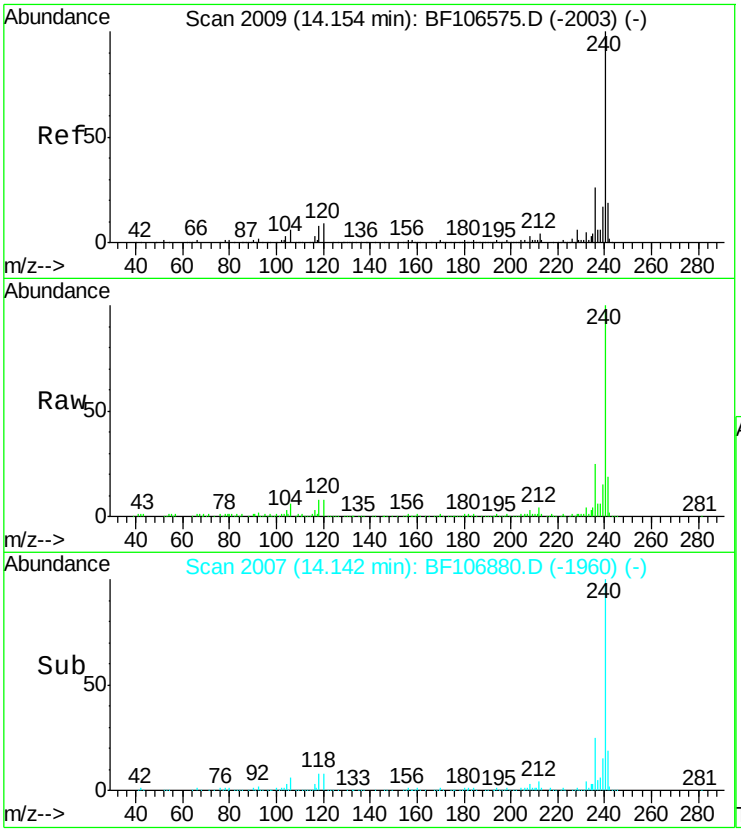


#74
Fluoranthene
Concen: 2.584 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:202 Resp: 19309

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	19.4	0.0	38.1



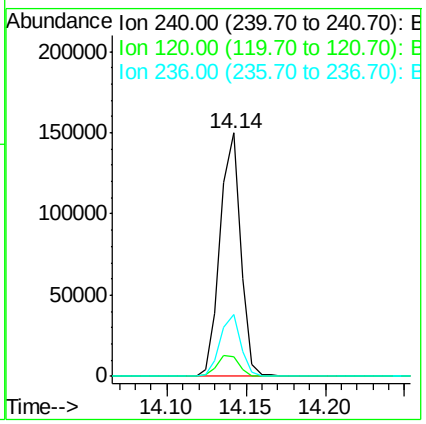


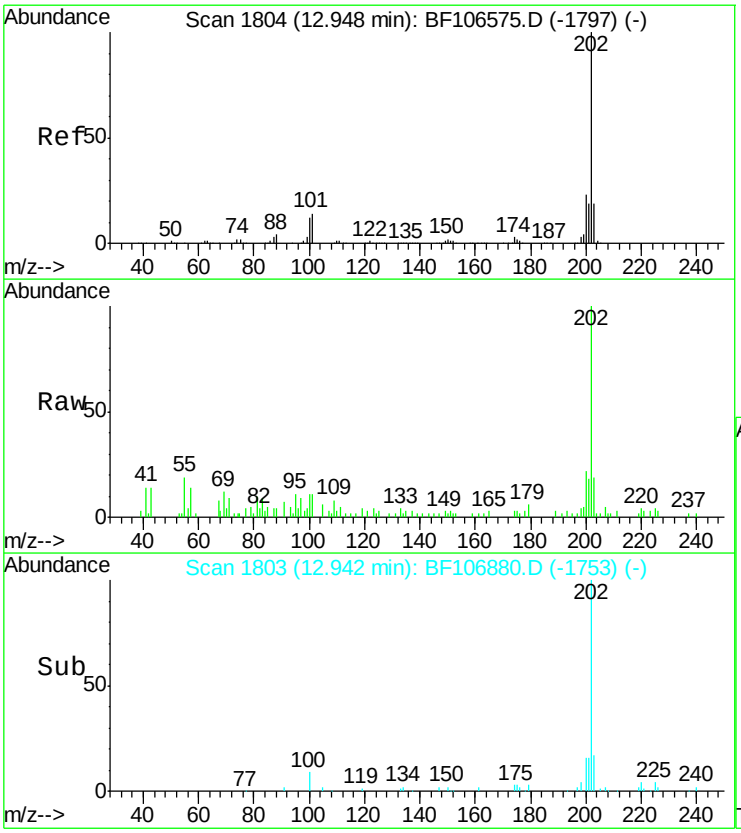
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:240 Resp: 135593

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.2	20.7	31.1

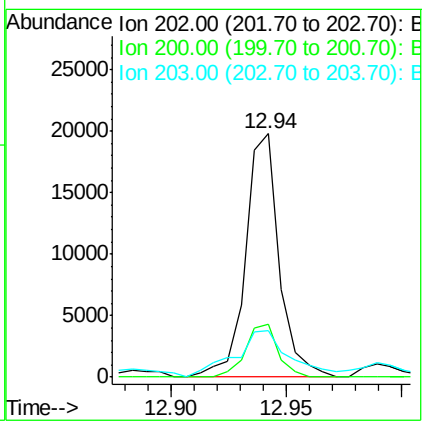


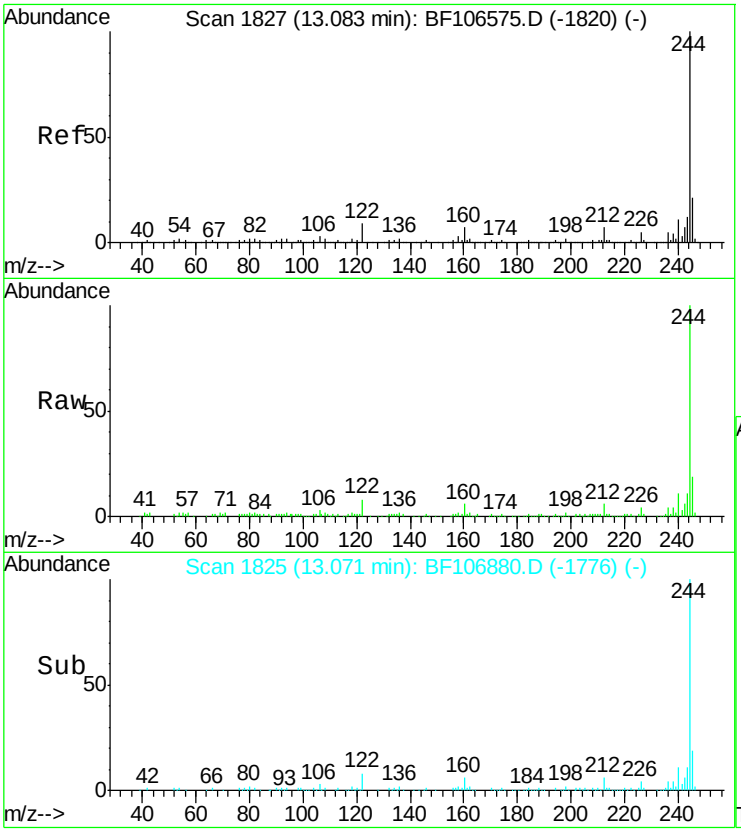


#77
Pyrene
Concen: 2.255 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:202 Resp: 20166

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	19.1	14.3	21.5



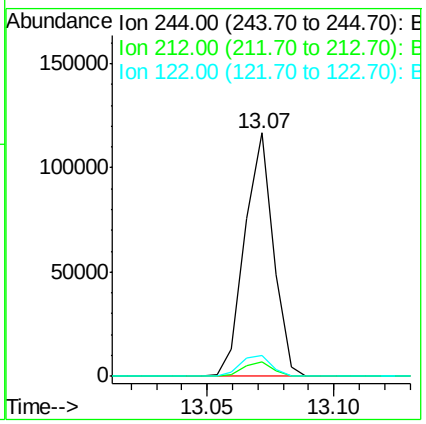


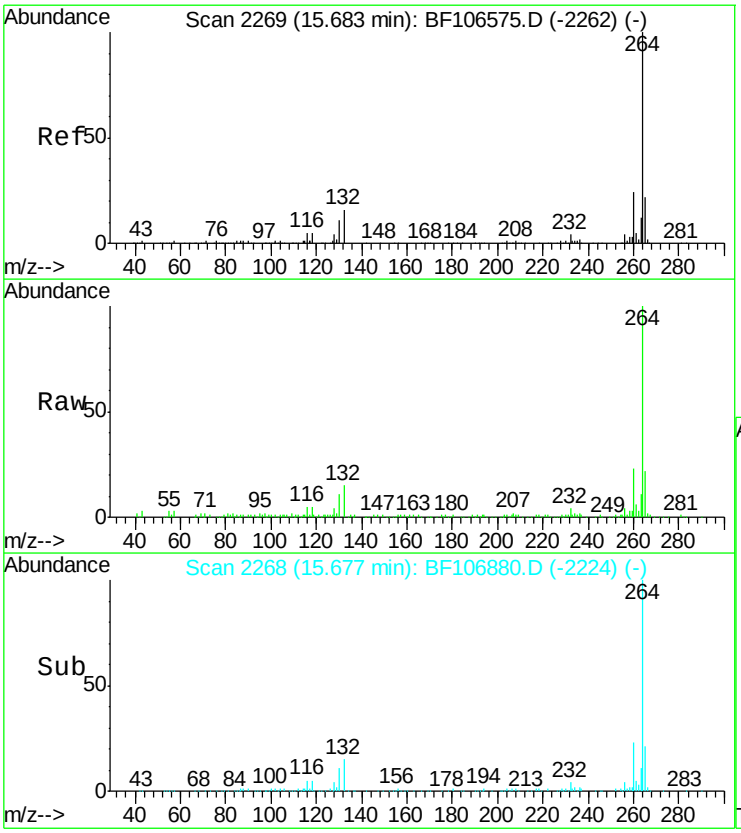
#78
Terphenyl-d14
Concen: 16.417 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:244 Resp: 91899

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	8.5	11.0	16.4#

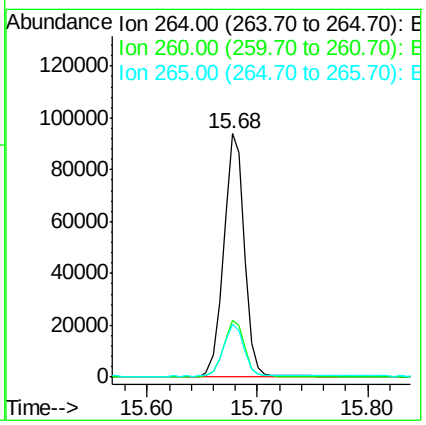


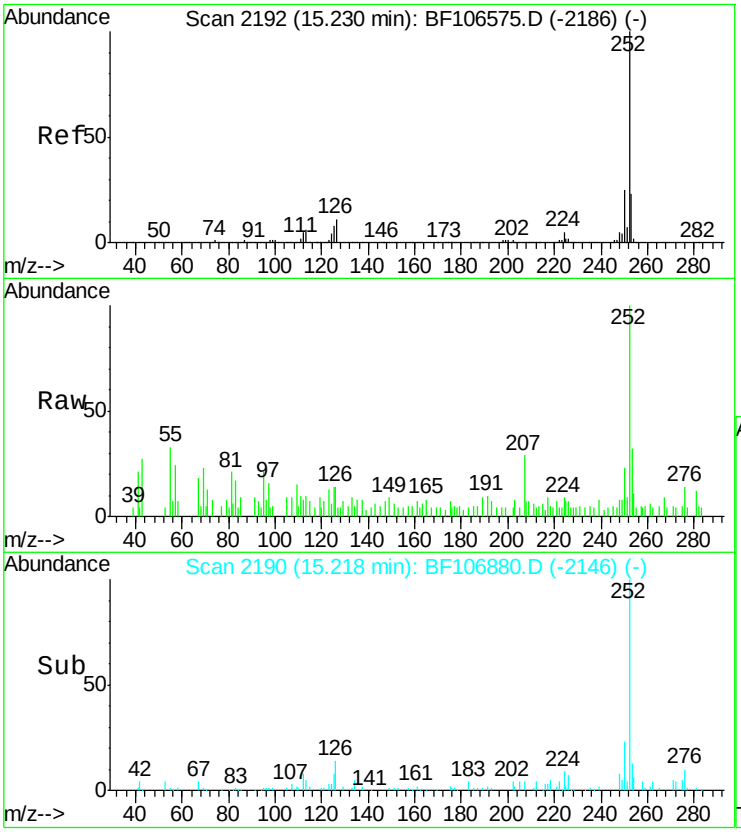


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:264 Resp: 123598

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3



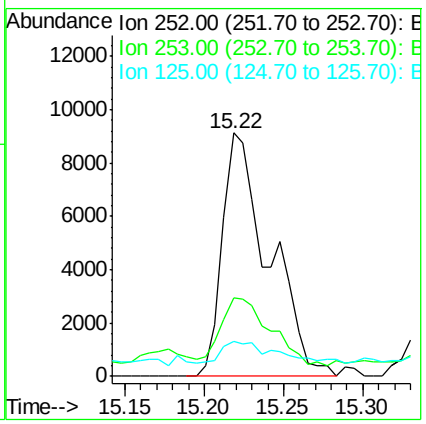


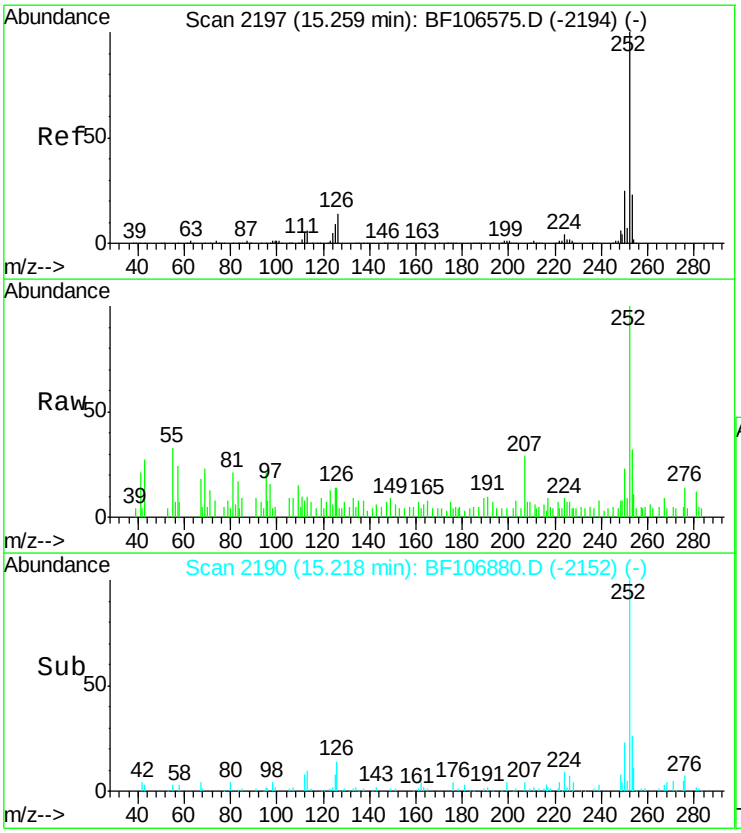
#87
Benzo(b)fluoranthene
Concen: 2.412 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

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

Tgt Ion:252 Resp: 18520

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.0	25.6#
125	14.2	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.533 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF106880.D
Acq: 27 Jun 2018 18:54

Tgt Ion:252 Resp: 18520

Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.9	26.9#
125	14.2	10.2	15.2