Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
Acq On : 14 Jun 2018 17:30
Operator : JU/SJ
Sample : J3241-07 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 14 18:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117343	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	447148	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	183238	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	300578	20.00	ng	0.00
75) Chrysene-d12	14.15	240	344286	20.00	ng	0.00
86) Perylene-d12	15.70	264	266916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	165289	23.84	ng	0.00
7) Phenol-d6	6.61	99	212273	24.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	124400	16.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	35356	20.05	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	232506	12.64	ng	0.00
78) Terphenyl-d14	13.08	244	218788	15.78	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.90	122	271	7.338	ng	# 24
53) 2,4-Dinitrophenol	10.29	184	124	8.704	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.82	198	357	6.486	ng	# 1
70) Phenanthrene	11.52	178	38630	2.624	ng	97
74) Fluoranthene	12.71	202	70624	4.499	ng	97
77) Pyrene	12.94	202	69993	3.247	ng	98
80) Benzo(a)anthracene	14.14	228	42417	2.070	ng	97
87) Benzo(b)fluoranthene	15.24	252	54690	3.390	ng	# 90
88) Benzo(k)fluoranthene	15.24	252	54690	3.423	ng	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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Acq On : 14 Jun 2018 17:30
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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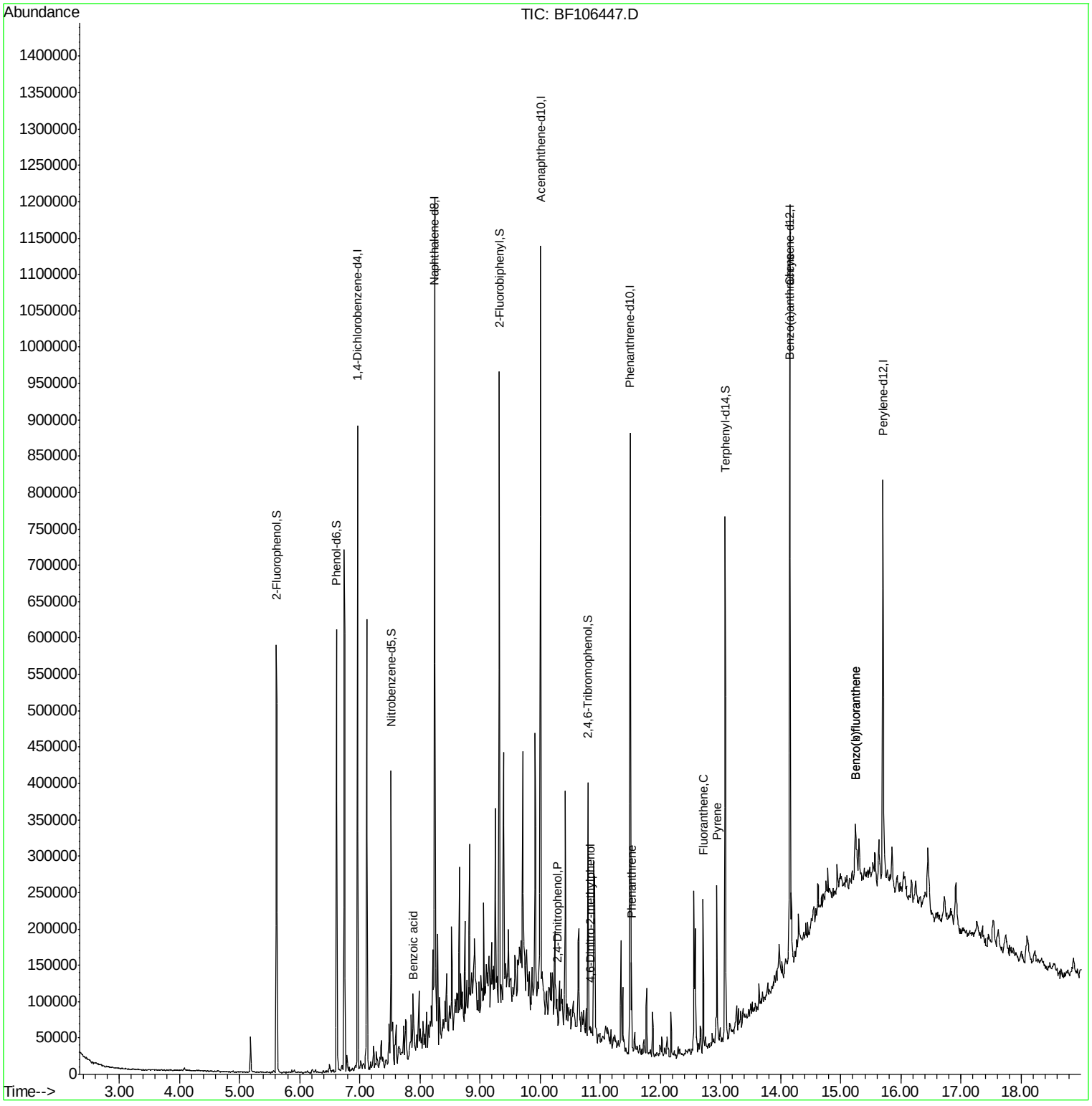
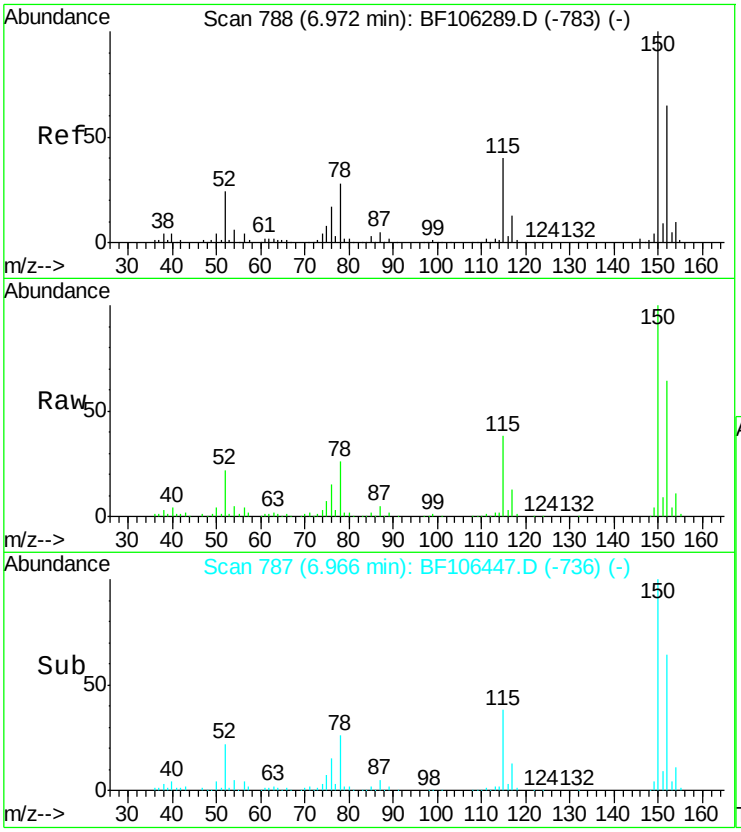


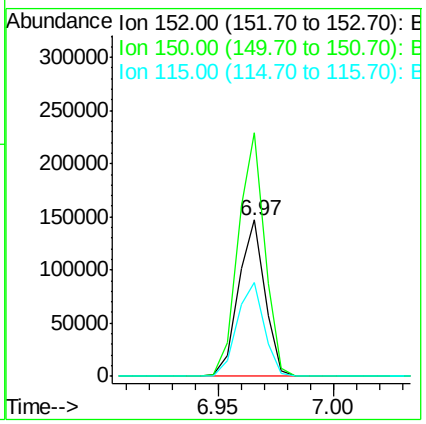


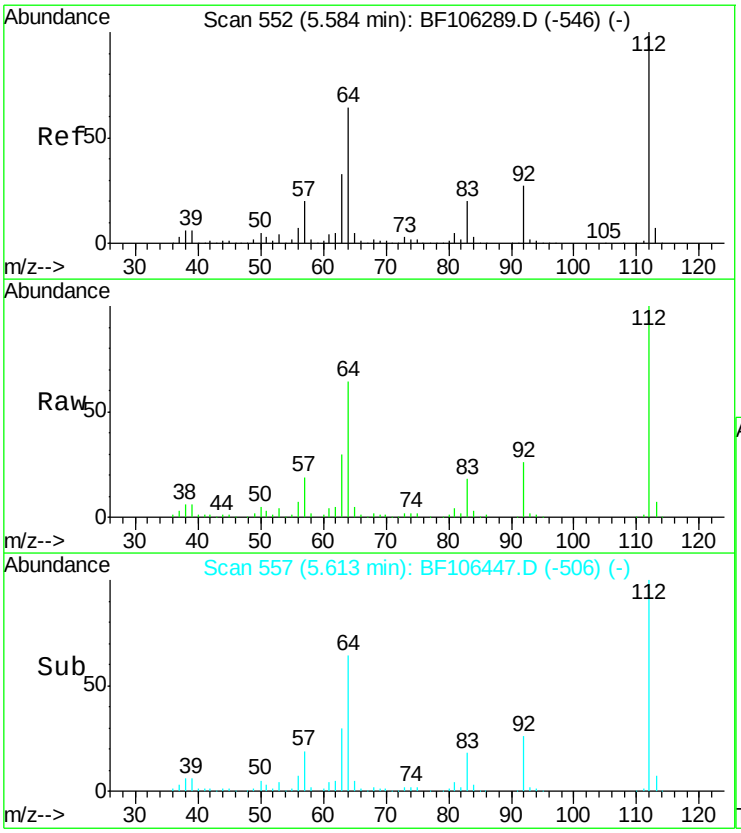
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 117343

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.6	50.1	75.1

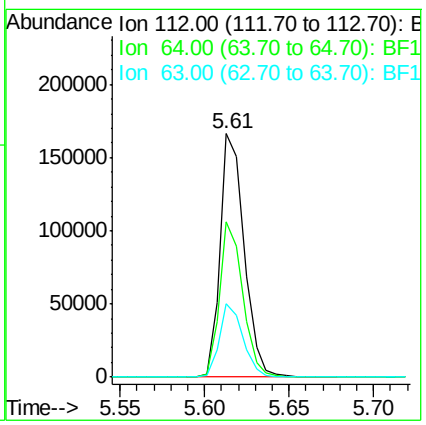


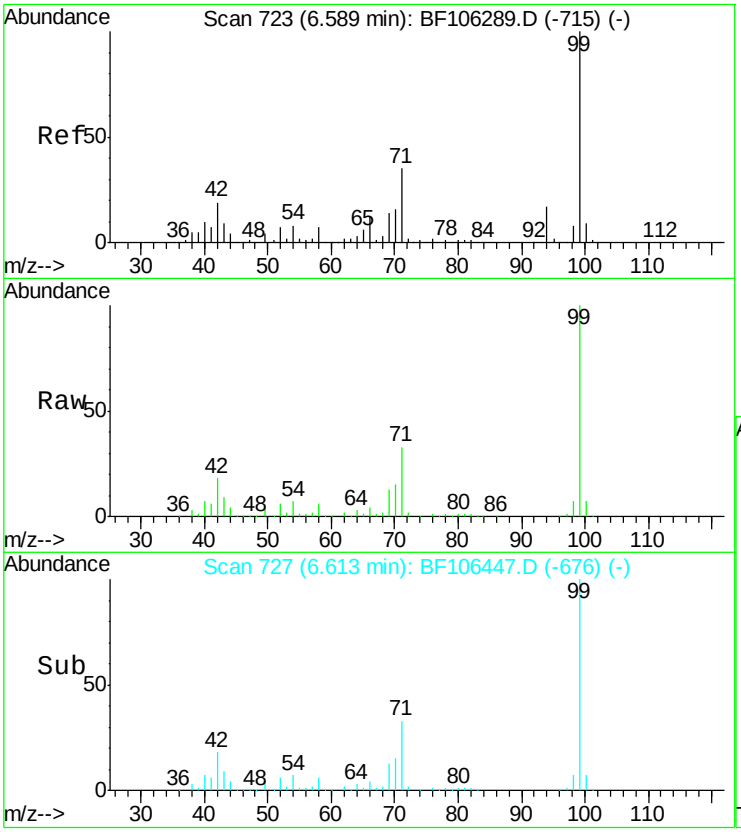


#5
2-Fluorophenol
Concen: 23.840 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:112 Resp: 165289

Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	30.1	23.7	35.5

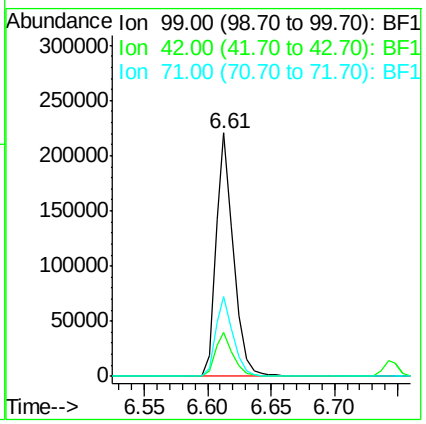




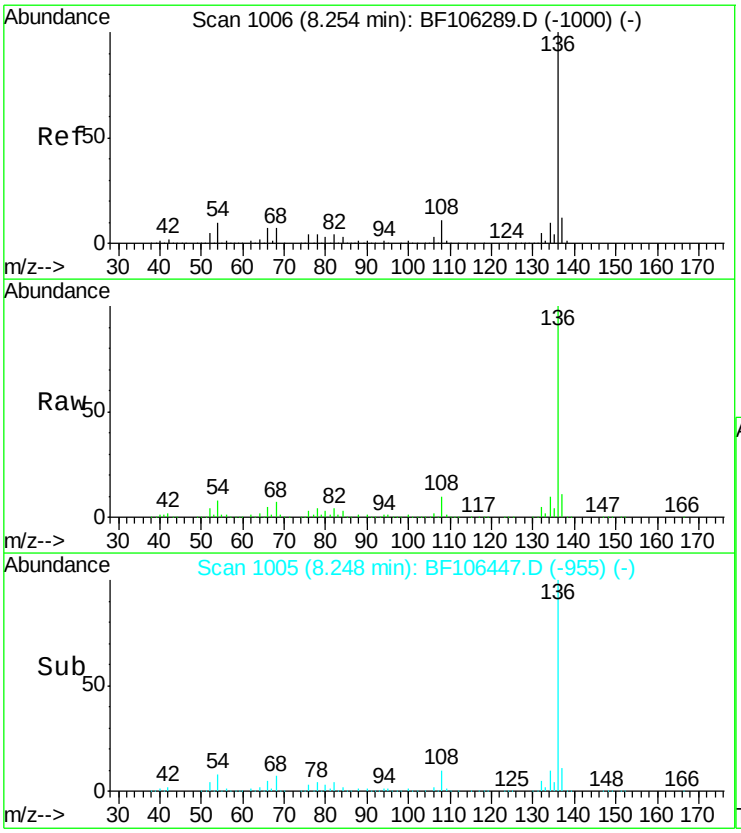
#7
Phenol-d6
Concen: 24.234 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion: 99 Resp: 212273

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.9	25.4	38.0



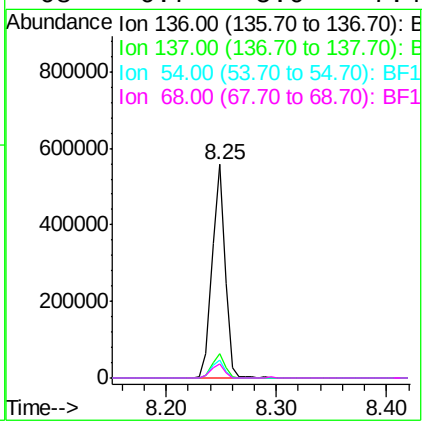
Instrument :
BNA_F
ClientSampleId :

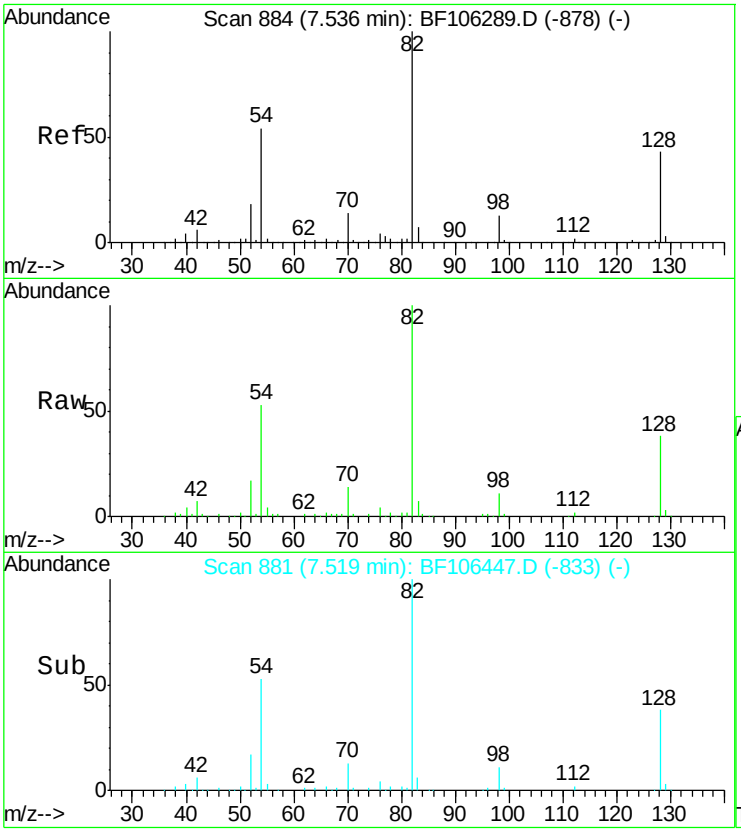


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:136 Resp: 447148

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4



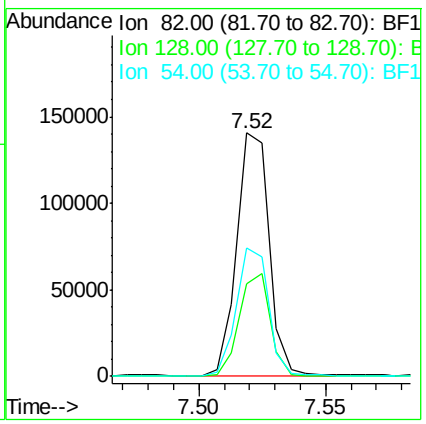


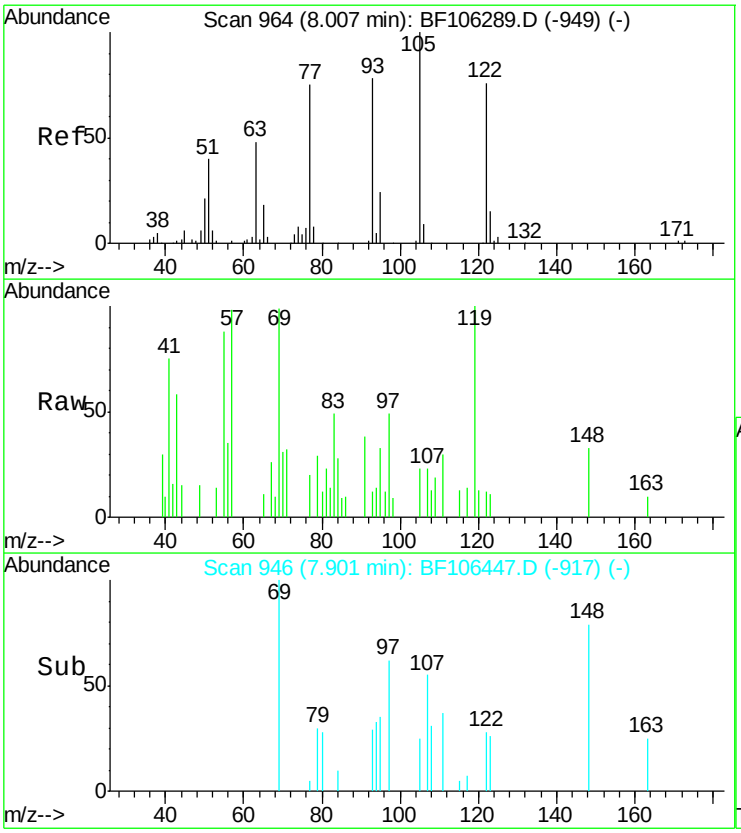
#23
Nitrobenzene-d5
Concen: 16.367 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 124400

Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.1	54.1
54	52.7	41.4	62.2

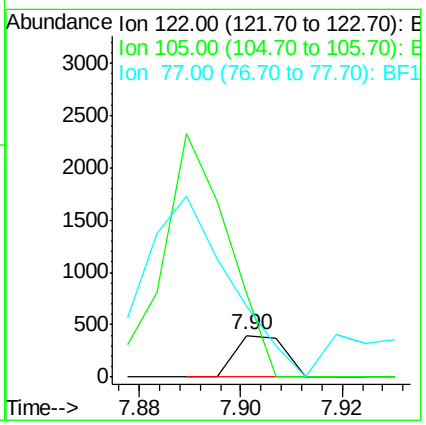


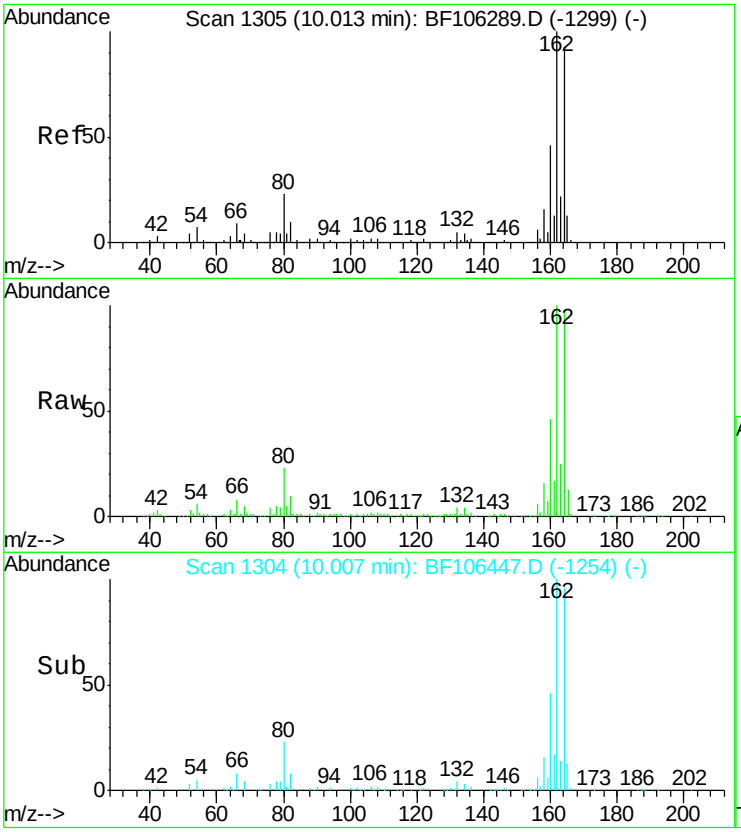


#32
Benzoic acid
Concen: 7.338 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.13 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:122 Resp: 271

Ion	Ratio	Lower	Upper
122	100		
105	198.7	101.1	141.1#
77	170.7	70.7	110.7#



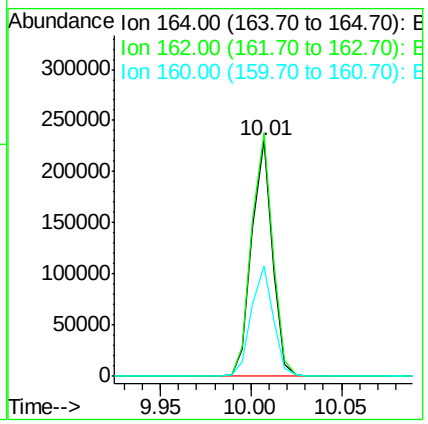


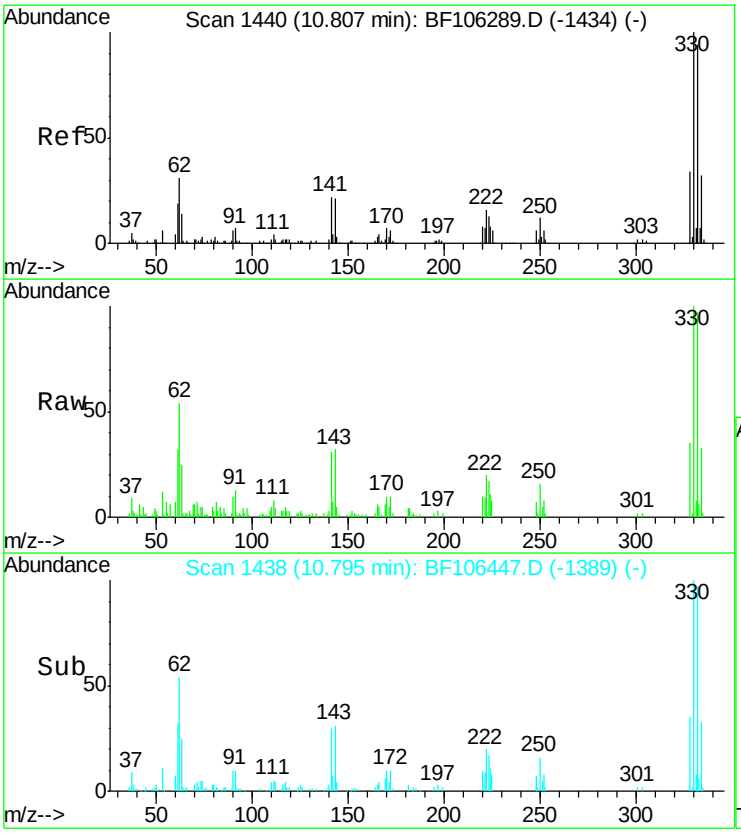
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 183238

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5

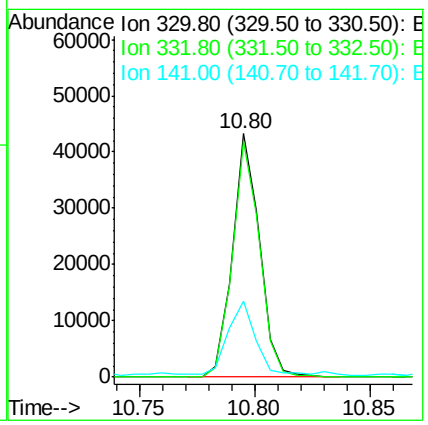


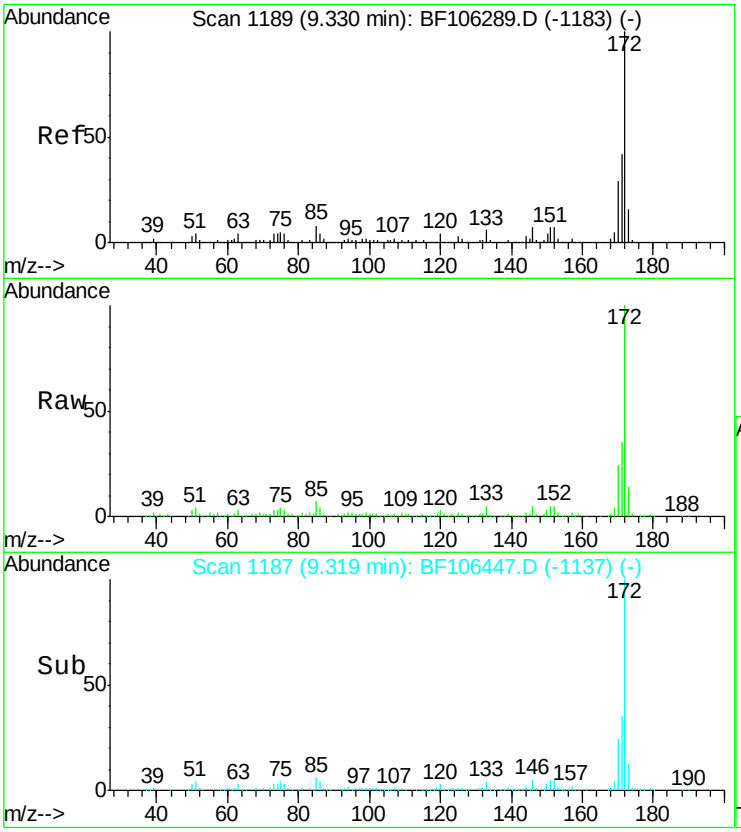


#41
2,4,6-Tribromophenol
Concen: 20.054 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:330 Resp: 35356

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.9	29.9	44.9



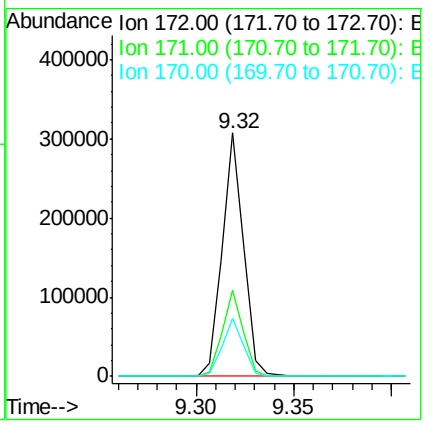


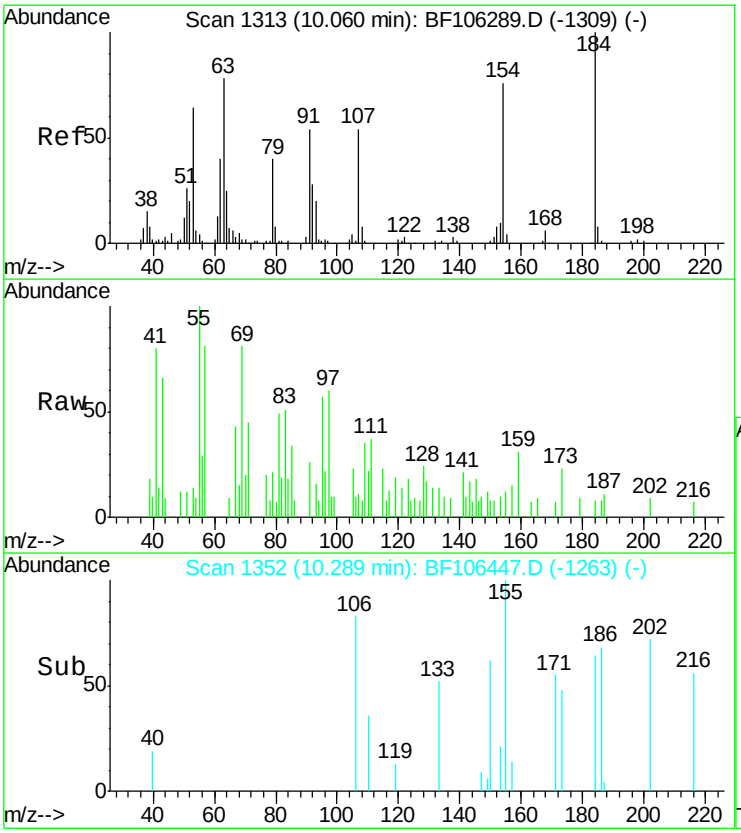
#44
2-Fluorobiphenyl
Concen: 12.640 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 232506

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.9	19.6	29.4

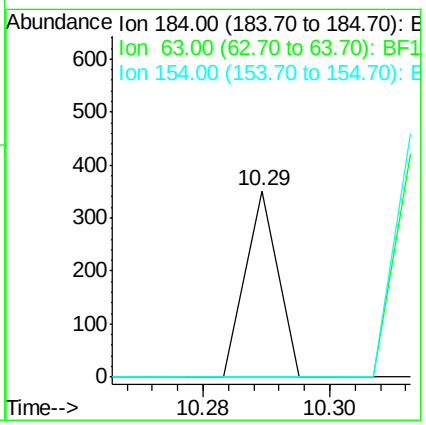


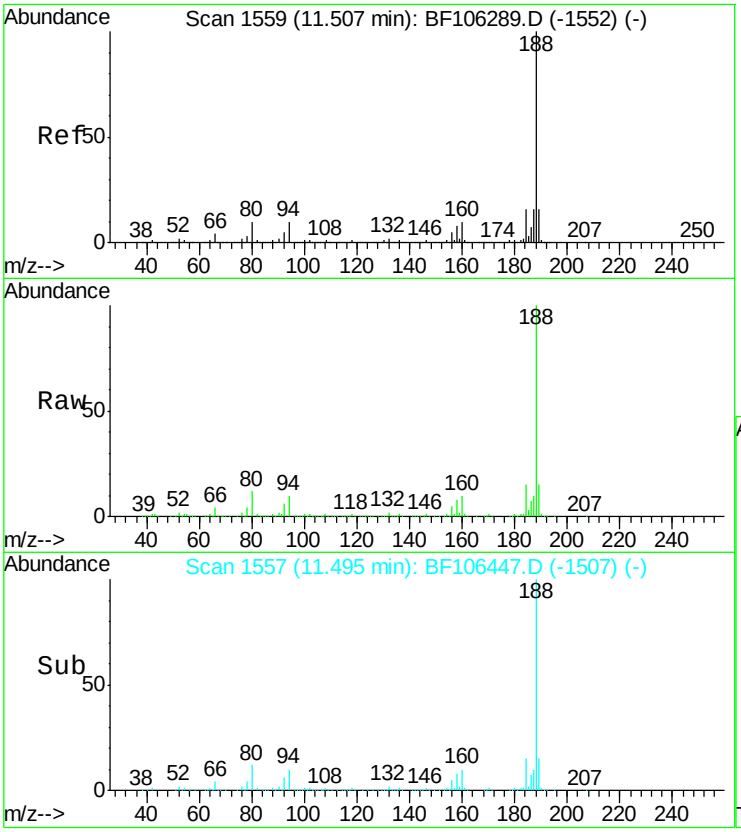


#53
2,4-Dinitrophenol
Concen: 8.704 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.22 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:184 Resp: 124

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



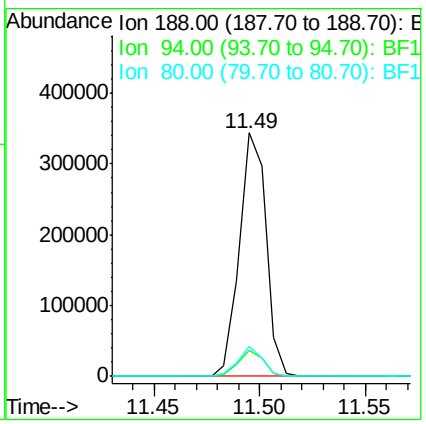


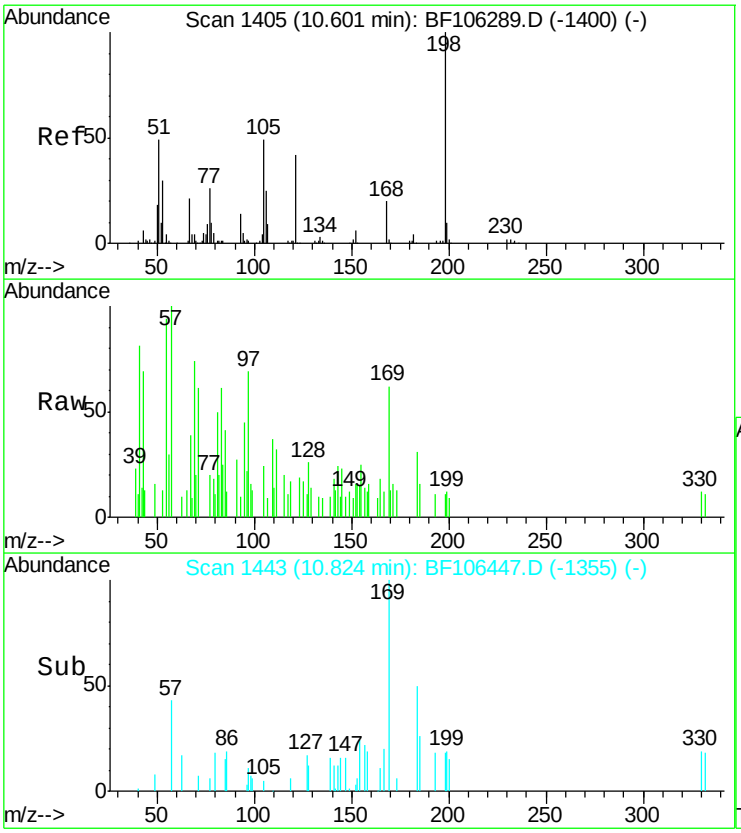
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 300578

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	12.2	9.2	13.8

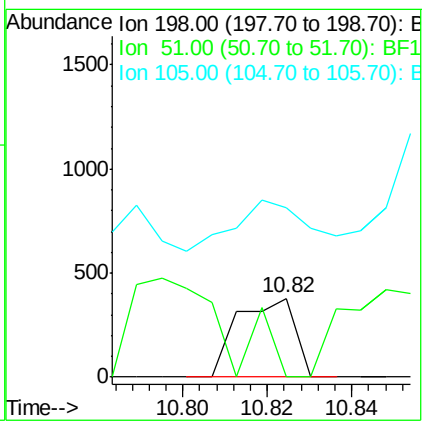


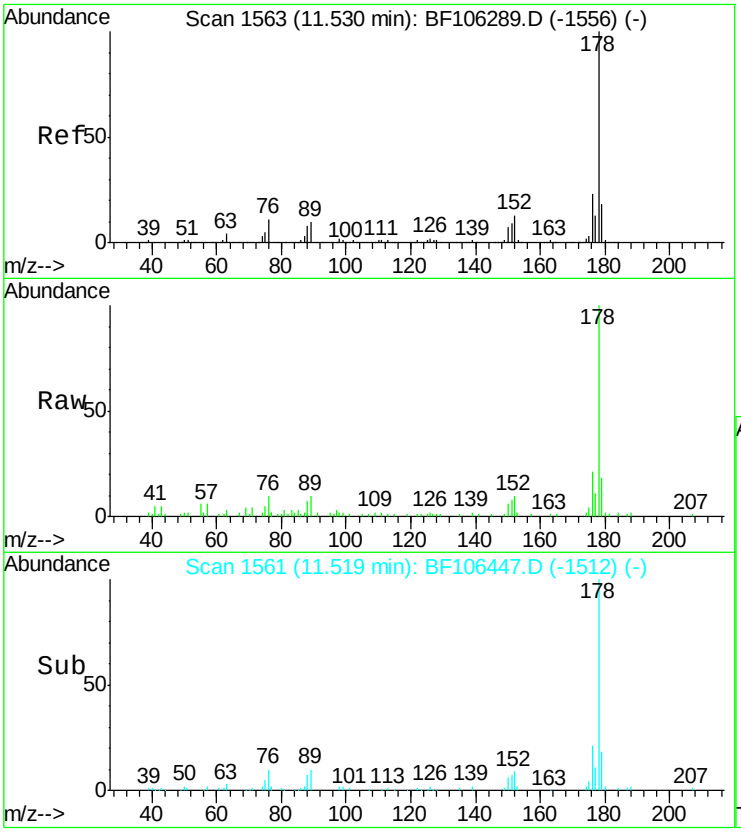


#64
4,6-Dinitro-2-methylphenol
Concen: 6.486 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.22 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:198 Resp: 357

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	214.7	36.3	76.3#



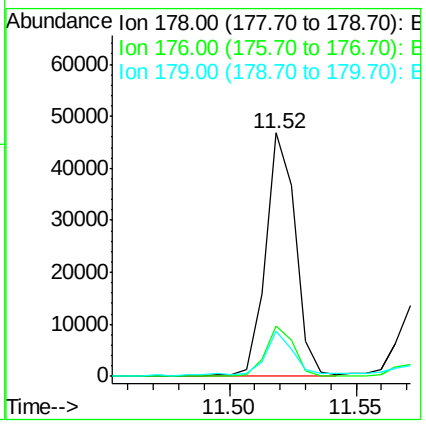


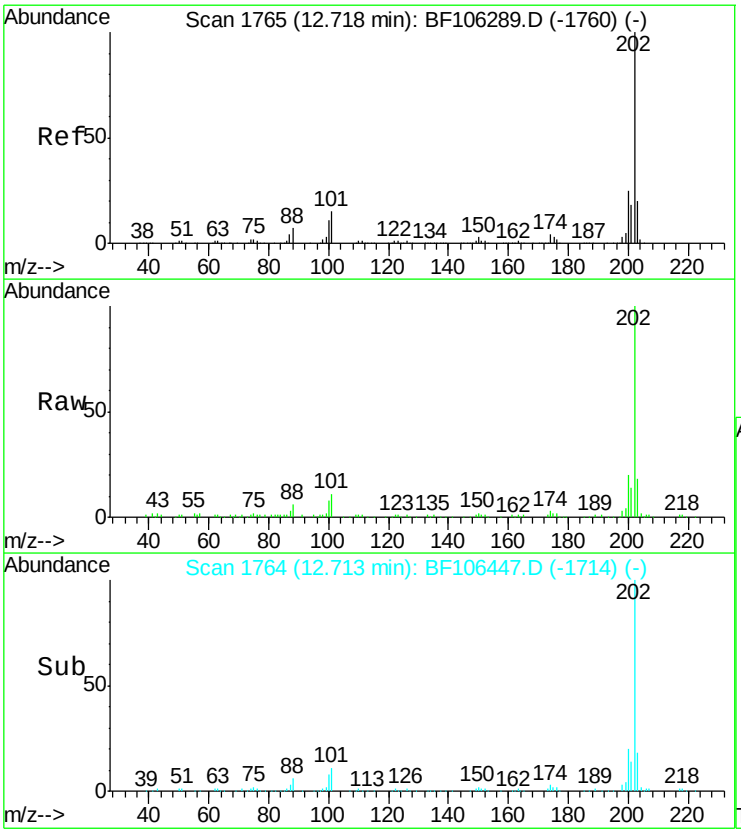
#70
Phenanthrene
Concen: 2.624 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 38630

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	18.3	13.0	19.6

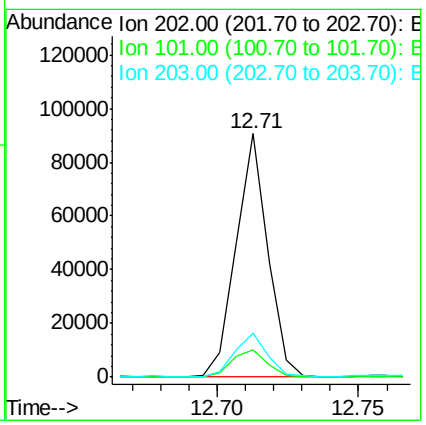


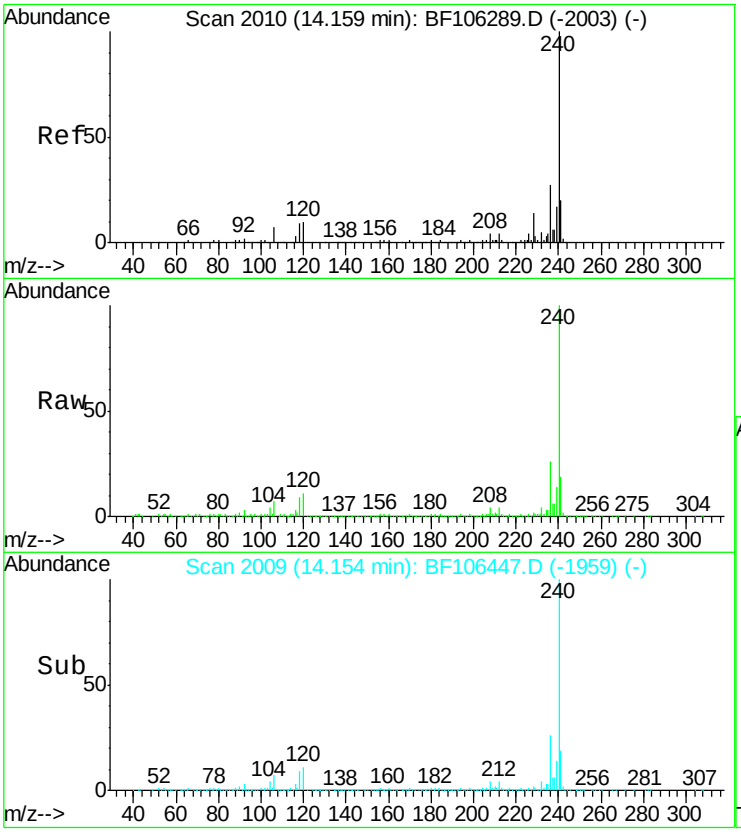


#74
Fluoranthene
Concen: 4.499 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:202 Resp: 70624

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.0	0.0	38.1



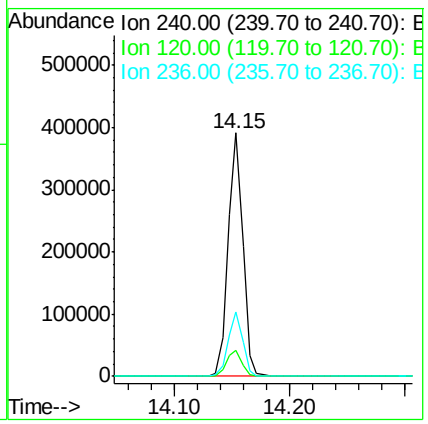


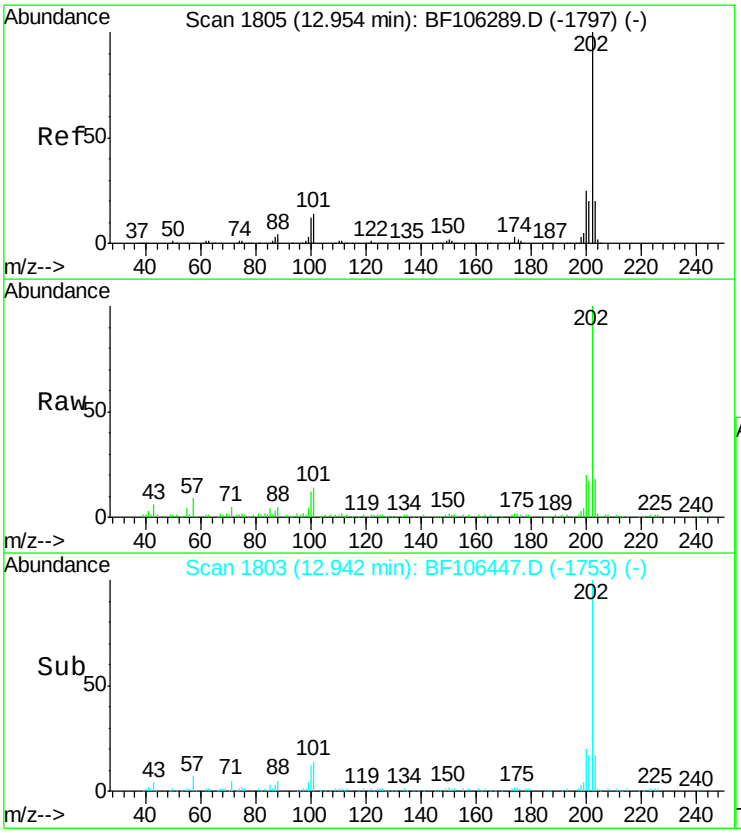
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 344286

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.3	20.7	31.1

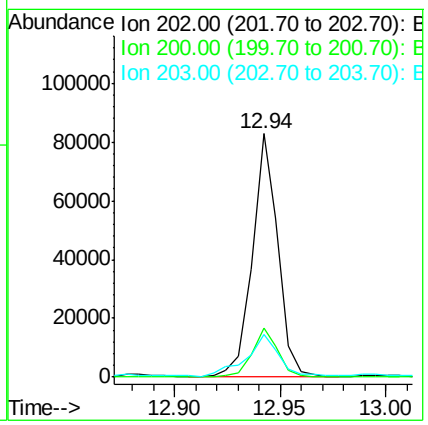


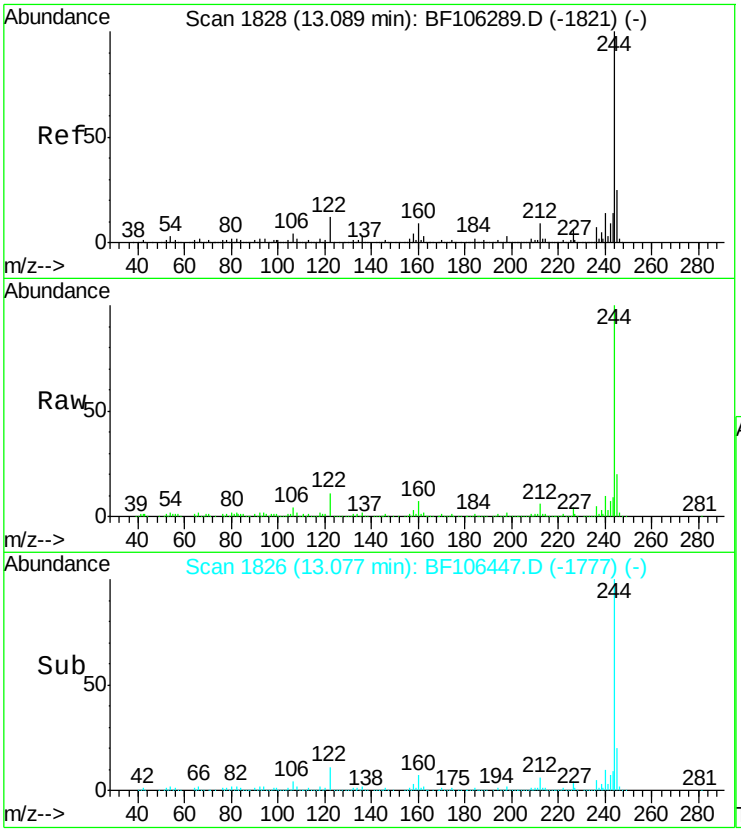


#77
Pyrene
Concen: 3.247 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:202 Resp: 69993

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.5	14.3	21.5



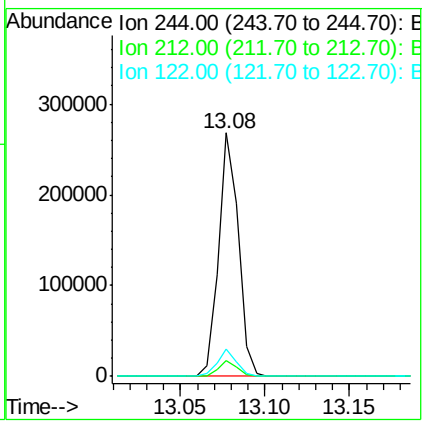


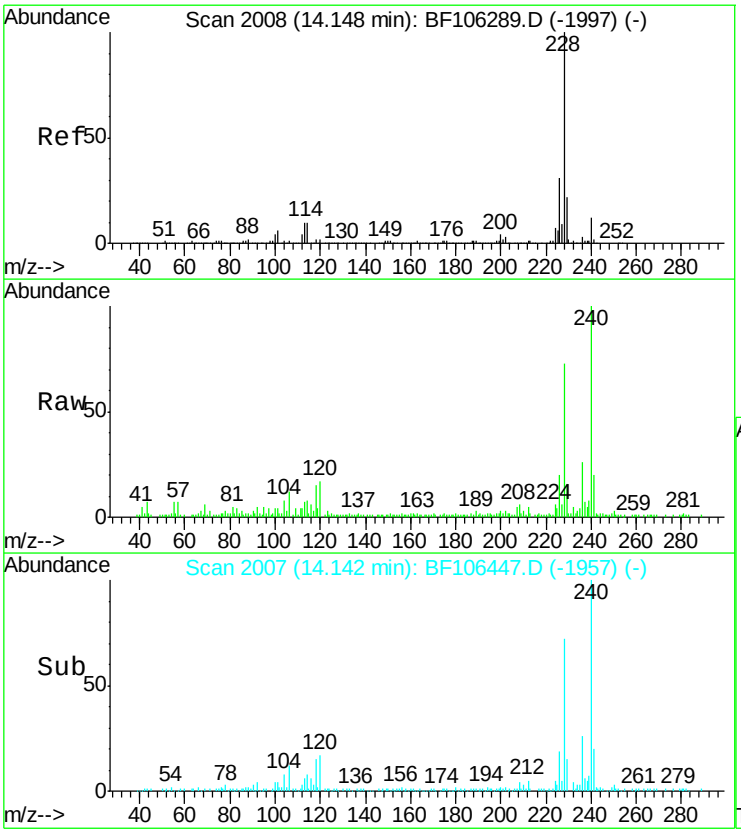
#78
Terphenyl-d14
Concen: 15.784 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 218788

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.4	11.0	16.4

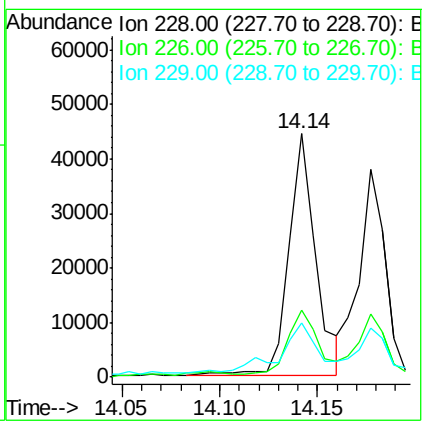


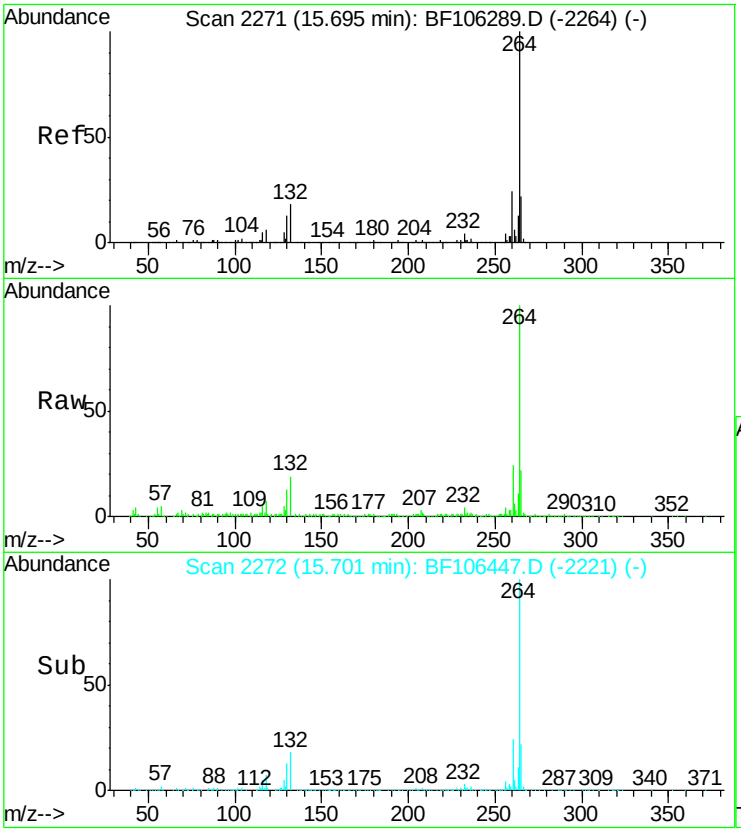


#80
Benzo(a)anthracene
Concen: 2.070 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:228 Resp: 42417

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.1	15.8	23.6



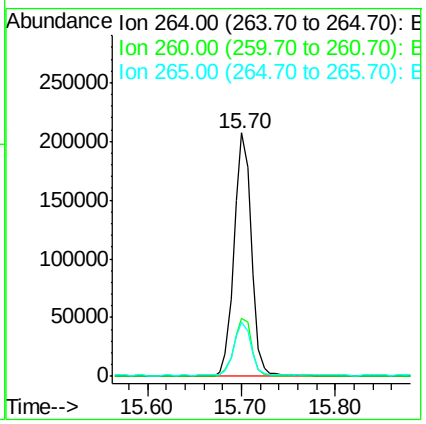


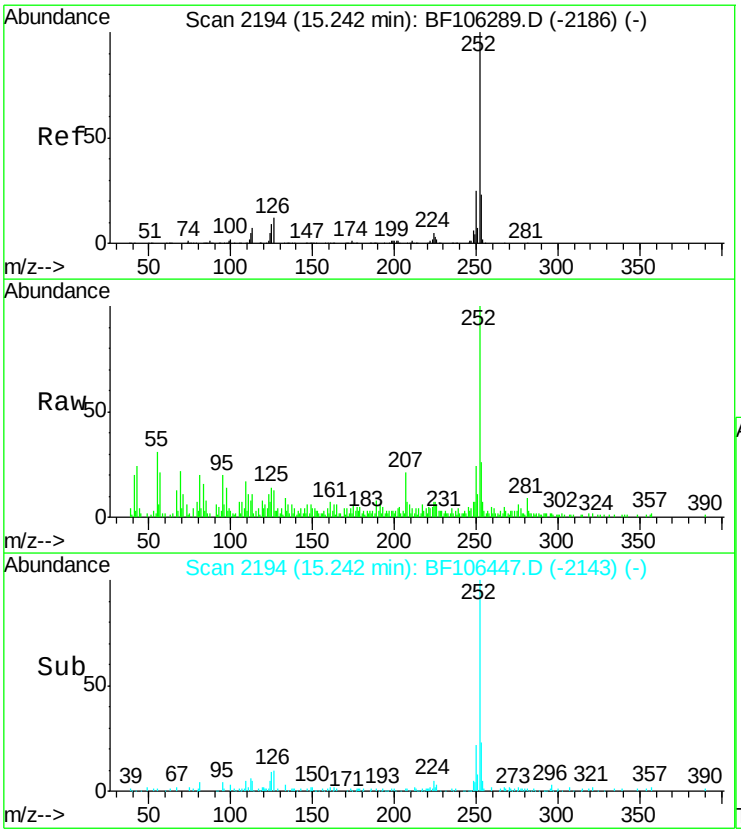
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 266916

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3

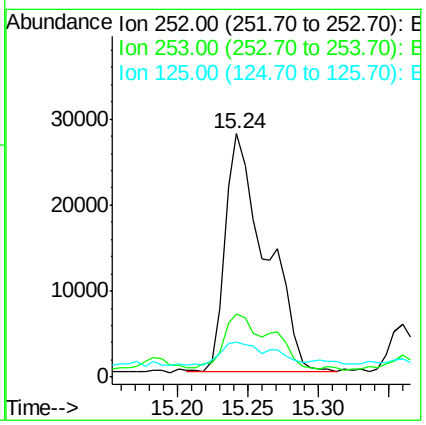


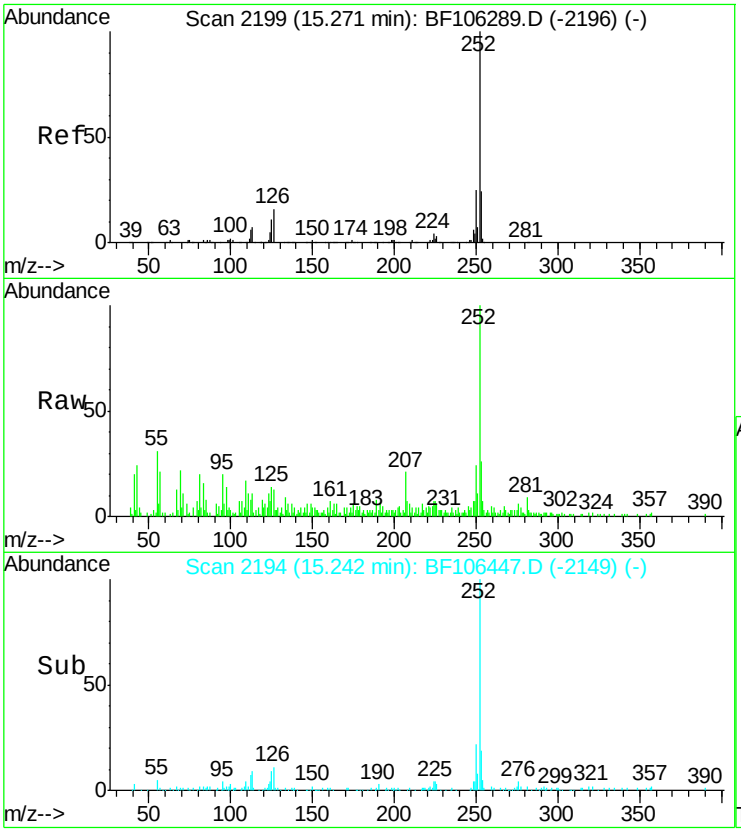


#87
Benzo(b)fluoranthene
Concen: 3.390 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion:252 Resp: 54690

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.6#
125	14.4	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.423 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 54690

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	14.4	10.2	15.2