Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061418\
Data File : BF106459.D
Acq On : 14 Jun 2018 22:51
Operator : JU/SJ
Sample : J3471-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : #1

Quant Time: Jun 15 01:14:14 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	117427	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	422935	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	171641	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	301085	20.00	ng		0.00
75) Chrysene-d12	14.15	240	284803	20.00	ng		-0.01
86) Perylene-d12	15.68	264	196648	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	698385	100.66	ng		0.00
7) Phenol-d6	6.61	99	847241	96.65	ng		0.00
23) Nitrobenzene-d5	7.53	82	536198	74.58	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	177562	107.52	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	813146	83.74	ng		0.00
78) Terphenyl-d14	13.08	244	769687	67.12	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	72914	11.087	ng	#	72
25) Isophorone	7.53	82	536187	38.184	ng	#	64
49) Dimethylphthalate	9.71	163	95679	7.802	ng		99
56) 2,4-Dinitrotoluene	10.01	165	21868	6.952	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	302	6.456	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	11844	3.459	ng	#	1
70) Phenanthrene	11.52	178	41540	2.817	ng		97
74) Fluoranthene	12.71	202	109941	6.991	ng		98
77) Pyrene	12.95	202	107144	6.009	ng		97
80) Benzo(a)anthracene	14.14	228	54336	3.206	ng		97
82) Chrysene	14.17	228	52215	3.374	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	90090	9.414	ng		96
87) Benzo(b)fluoranthene	15.22	252	72447	6.095	ng	#	92
88) Benzo(k)fluoranthene	15.22	252	72447	6.154	ng	#	95
89) Benzo(a)pyrene	15.61	252	34607	3.237	ng	#	86
91) Benzo(g,h,i)perylene	17.72	276	23461	2.708	ng		96

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

Quantitation Report (Not Reviewed)

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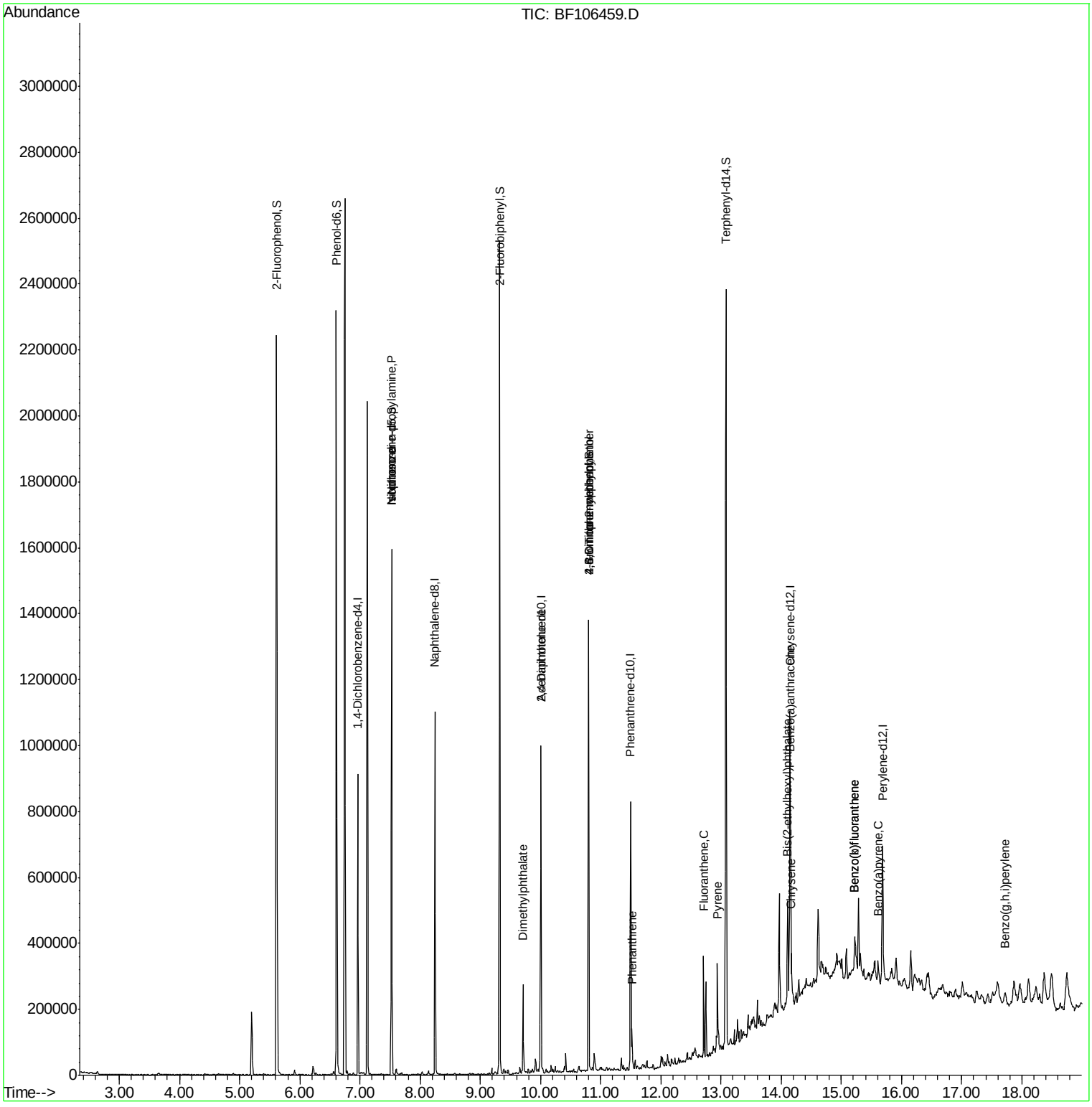
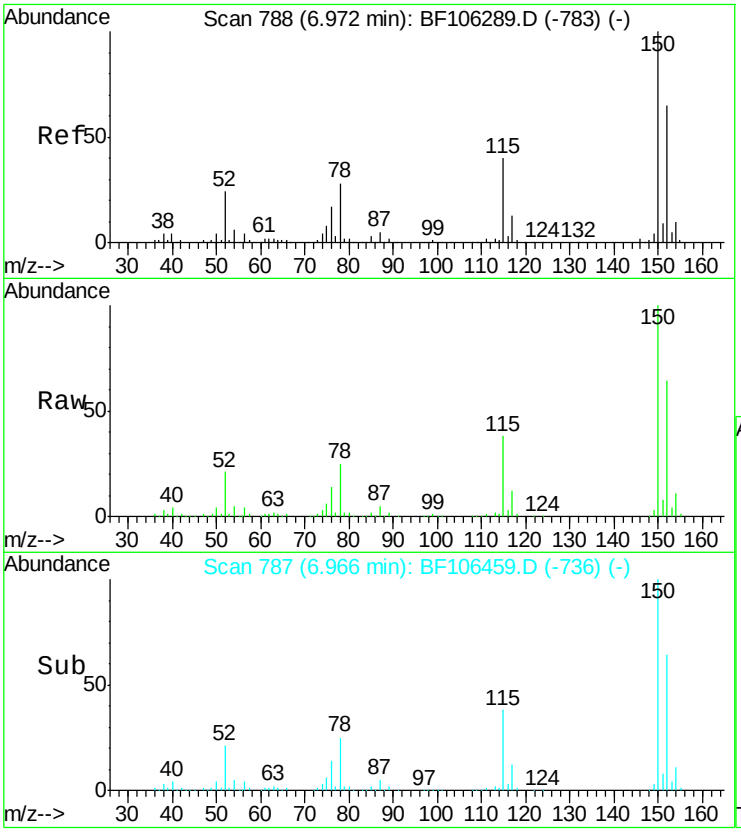


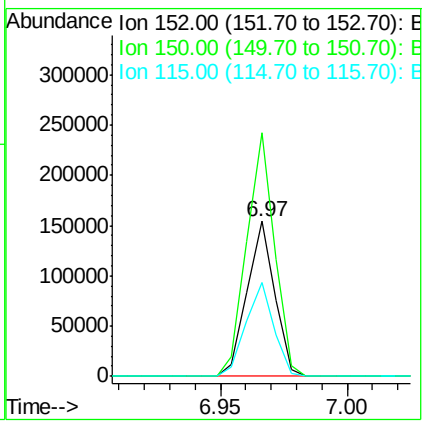


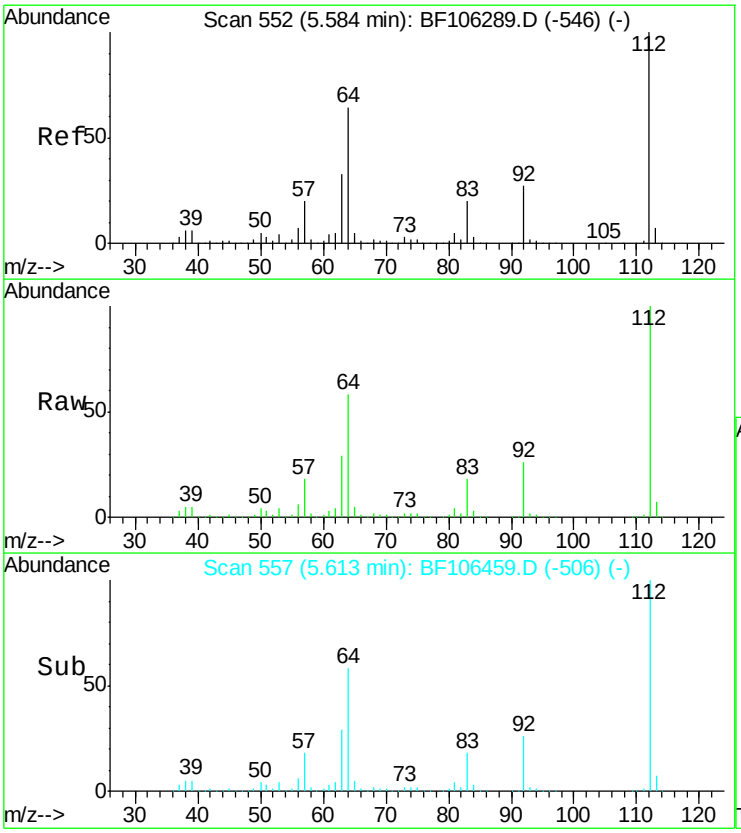
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:152 Resp: 117427

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.4	50.1	75.1

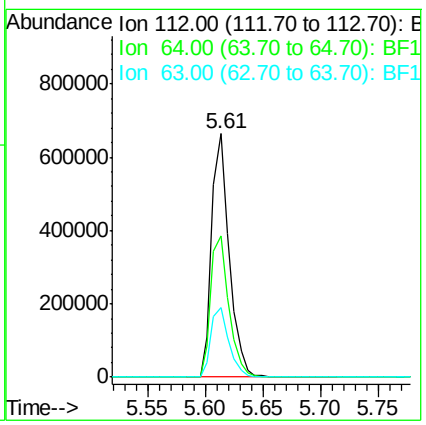


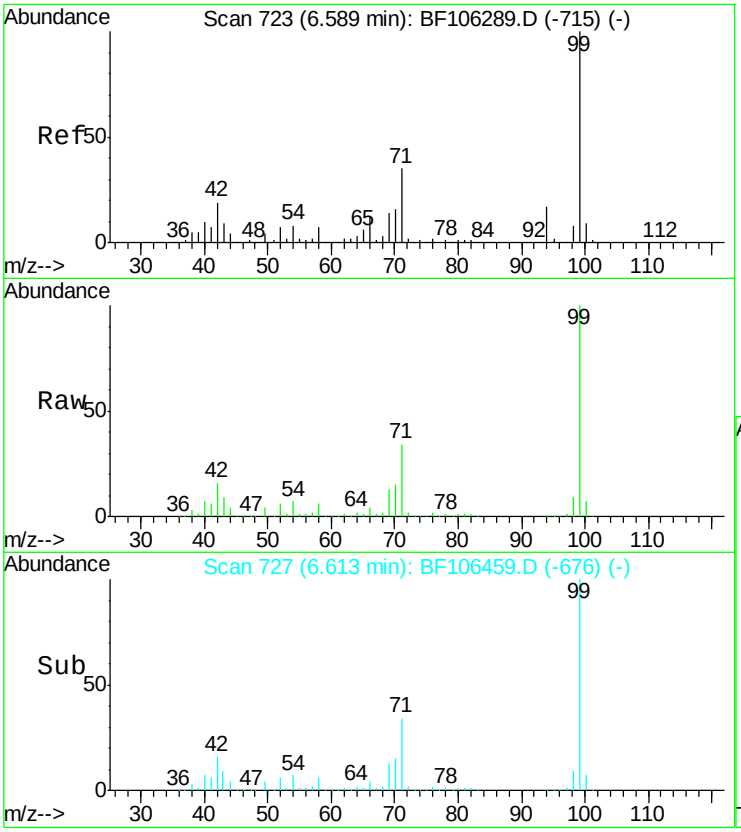


#5
2-Fluorophenol
Concen: 100.660 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:112 Resp: 698385

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	28.8	23.7	35.5



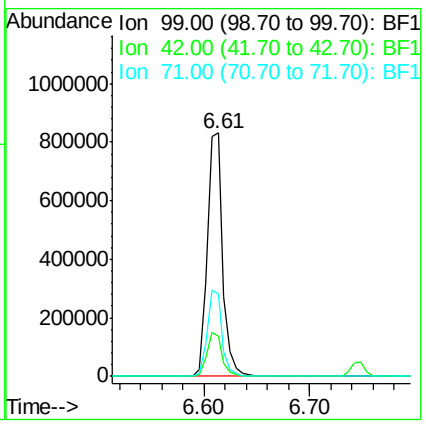


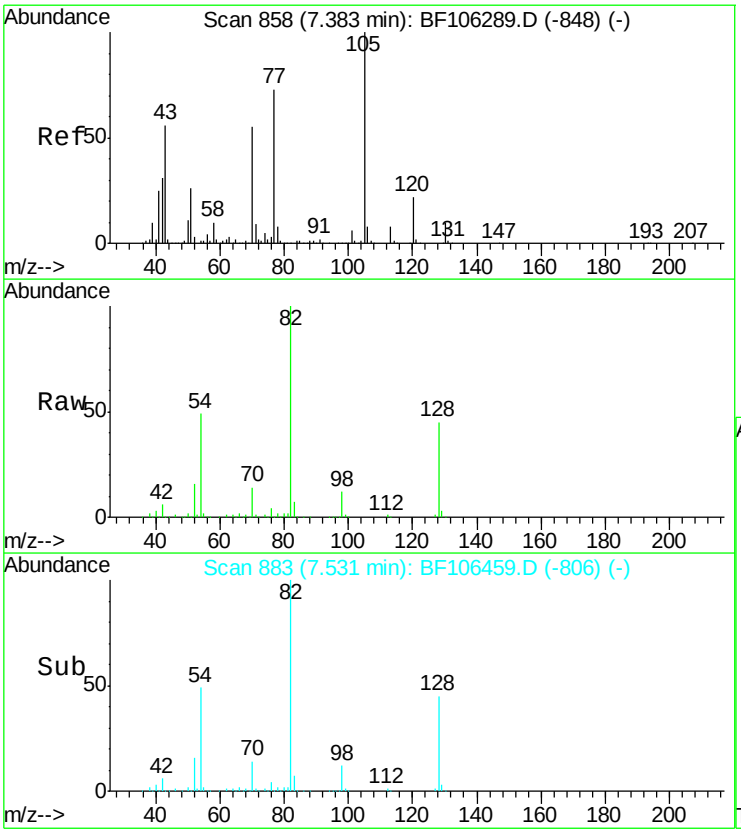
#7
Phenol-d6
Concen: 96.655 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion: 99 Resp: 847241

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	33.9	25.4	38.0

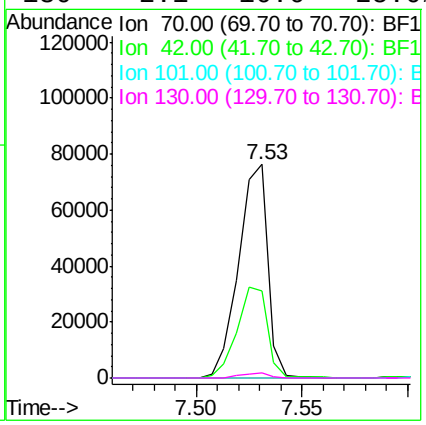


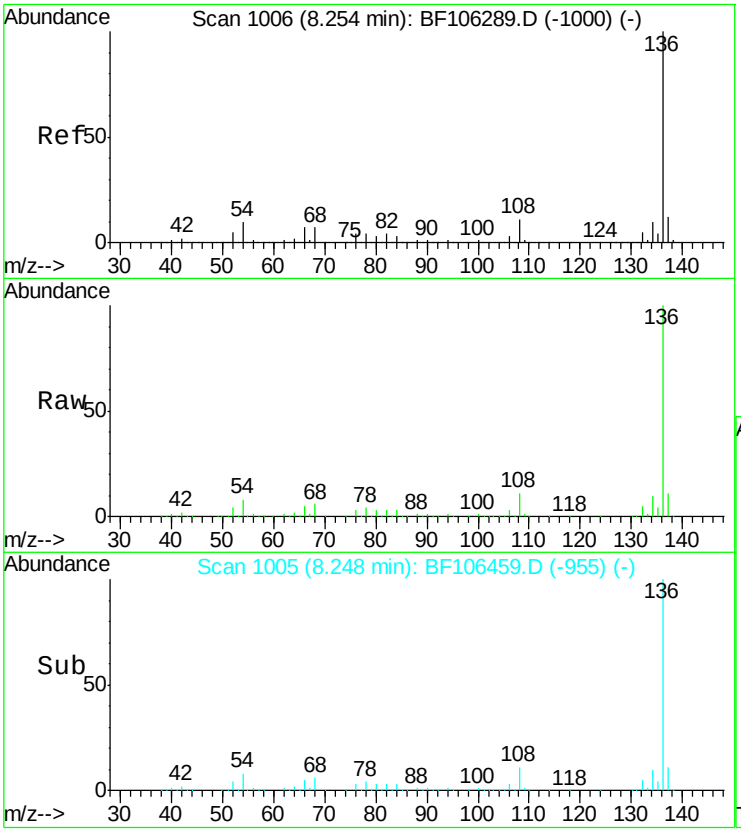


#19
n-Nitroso-di-n-propylamine
Concen: 11.087 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion: 70 Resp: 72914

Ion	Ratio	Lower	Upper
70	100		
42	40.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



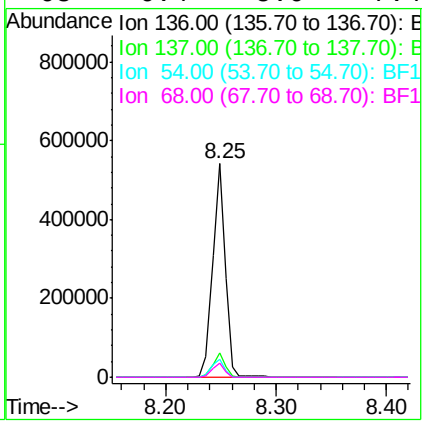


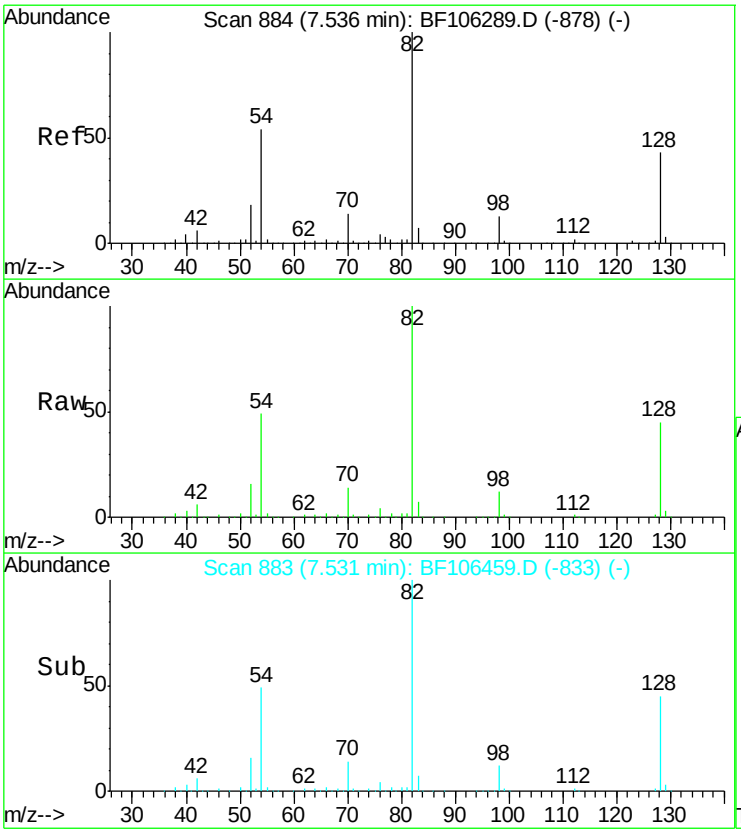
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:136 Resp: 422935

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.4	5.0	7.4

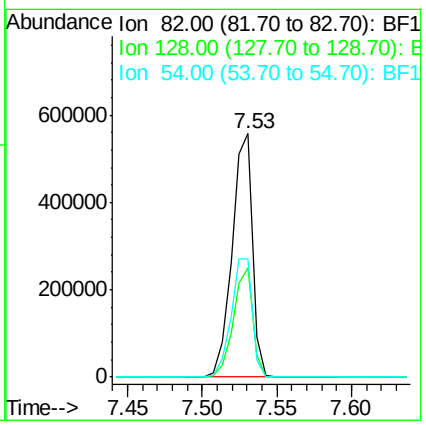


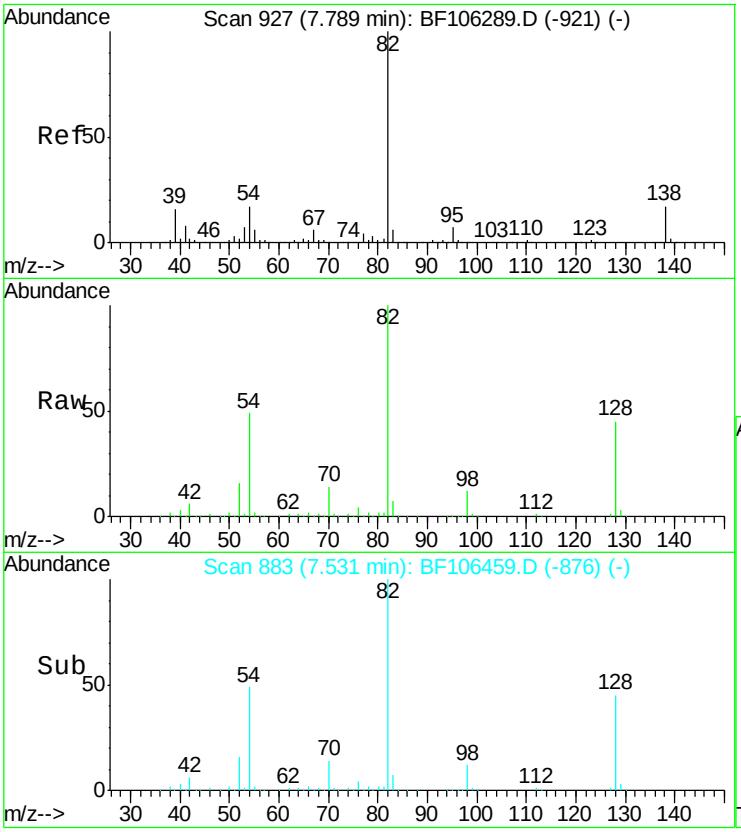


#23
Nitrobenzene-d5
Concen: 74.583 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion: 82 Resp: 536198

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	48.6	41.4	62.2



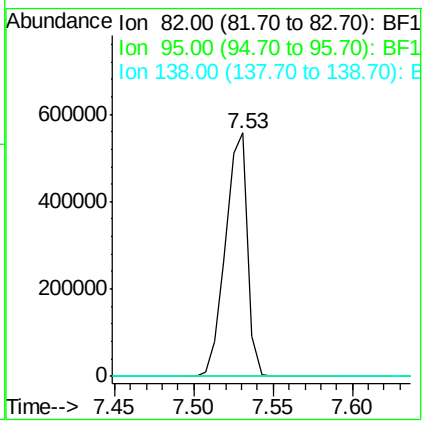


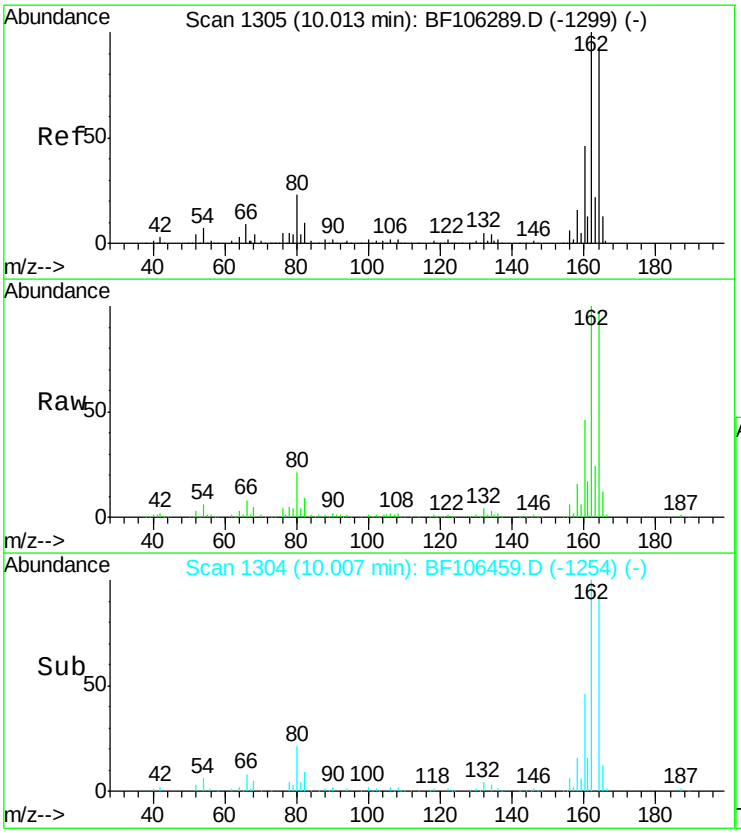
#25
Isophorone
Concen: 38.184 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion: 82 Resp: 536187

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

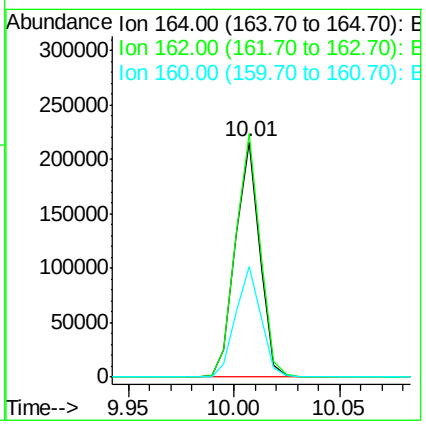


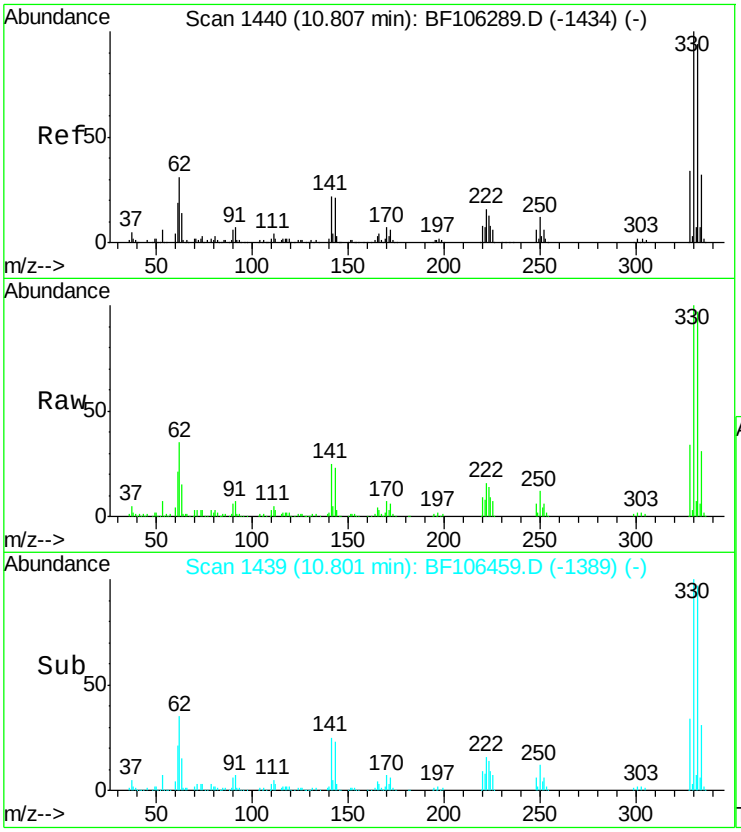


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:164 Resp: 171641

Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	47.1	38.3	57.5



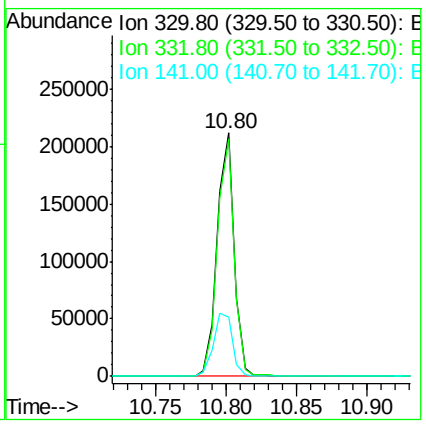


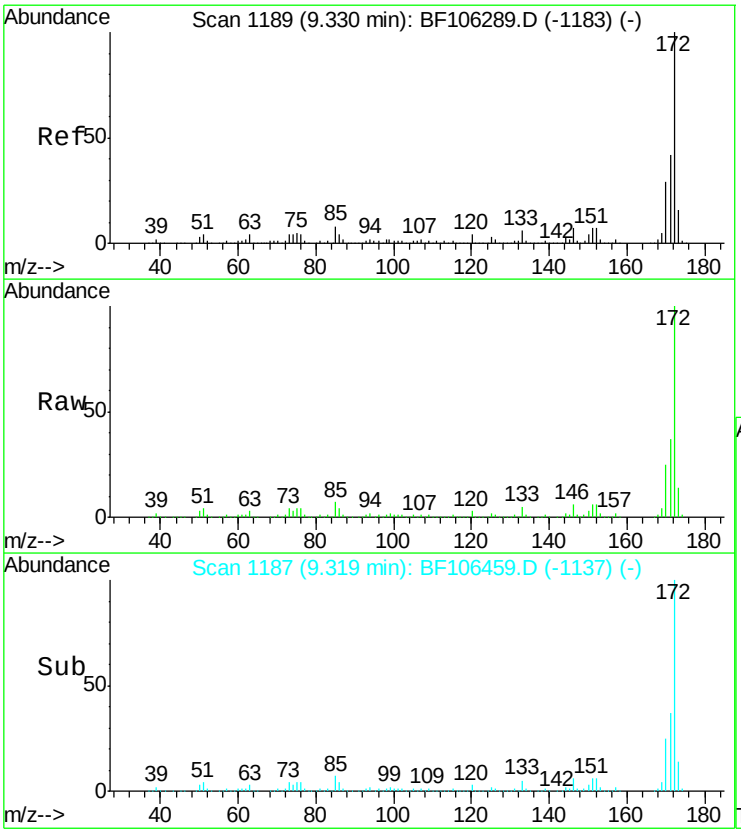
#41
2,4,6-Tribromophenol
Concen: 107.517 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:330 Resp: 177562

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.3	29.9	44.9#

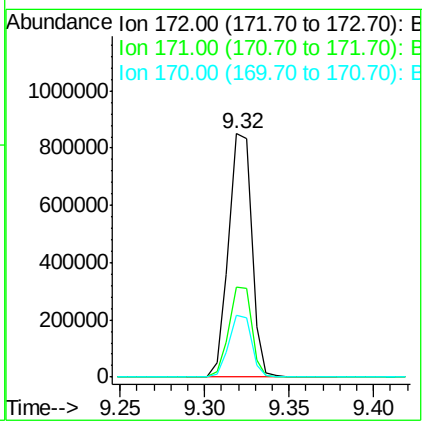


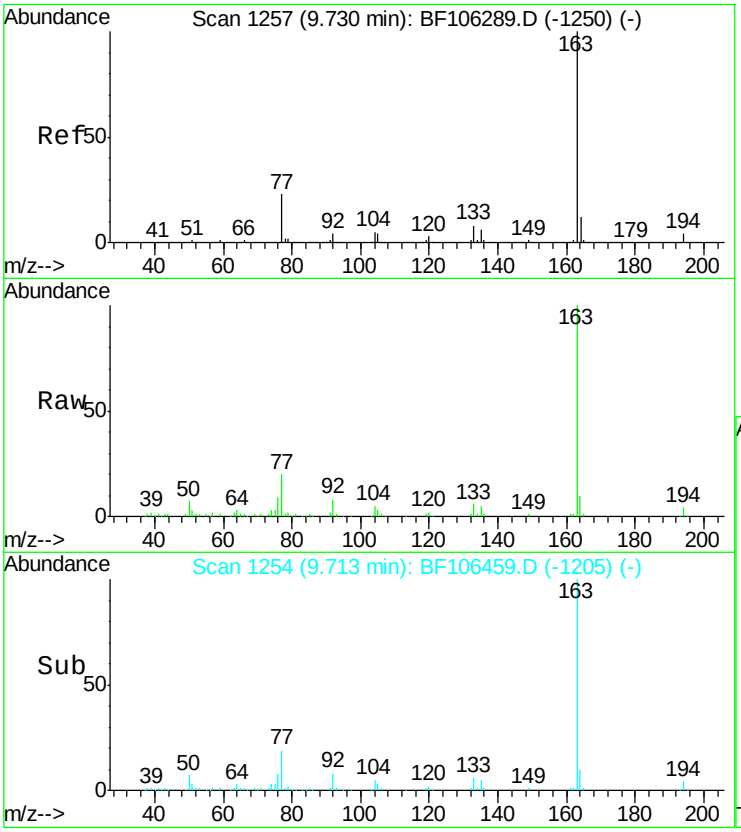


#44
2-Fluorobiphenyl
Concen: 83.737 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:172 Resp: 813146

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.2	19.6	29.4



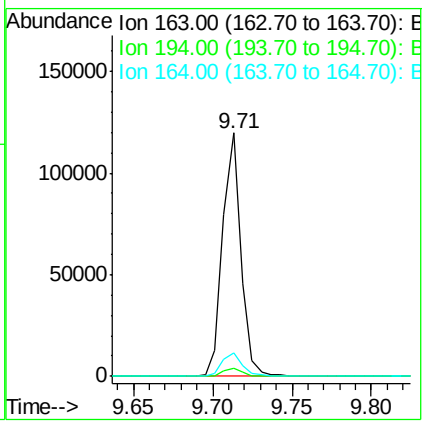


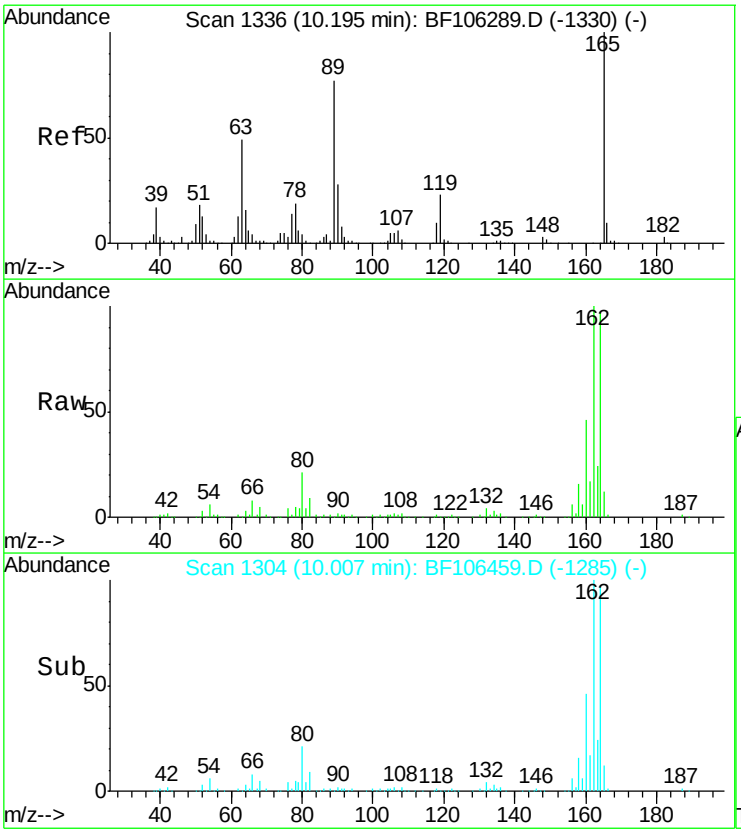
#49
Dimethylphthalate
Concen: 7.802 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:163 Resp: 95679

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.2	12.2

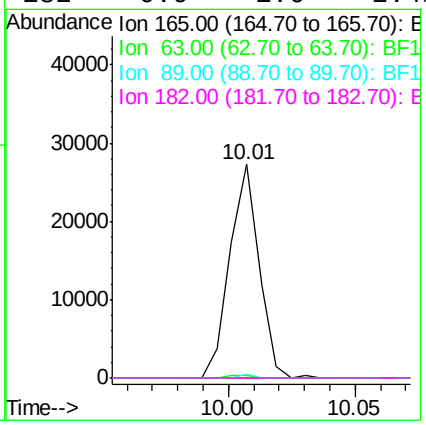


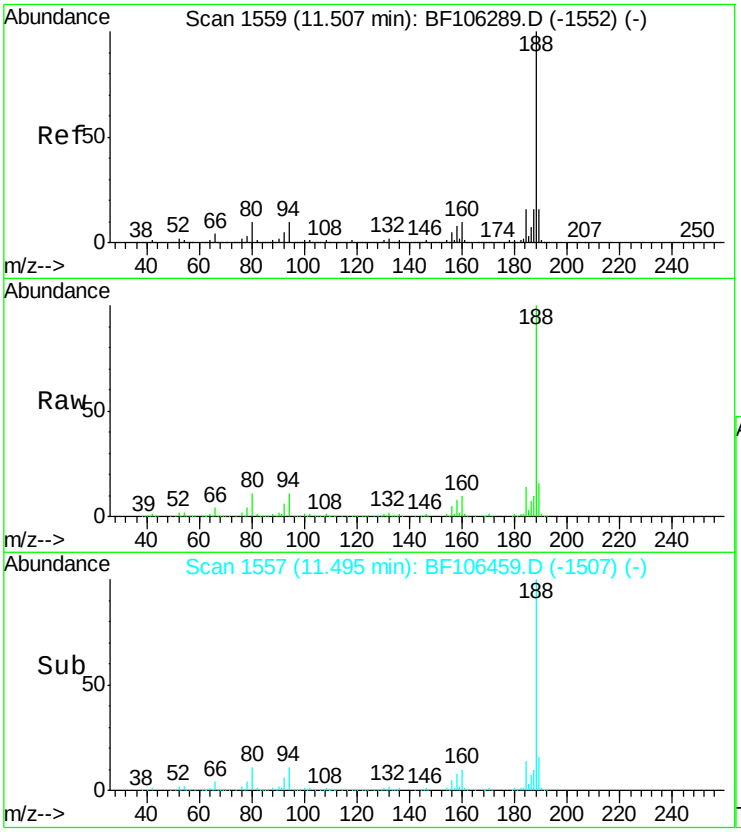


#56
2,4-Dinitrotoluene
Concen: 6.952 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:165 Resp: 21868

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



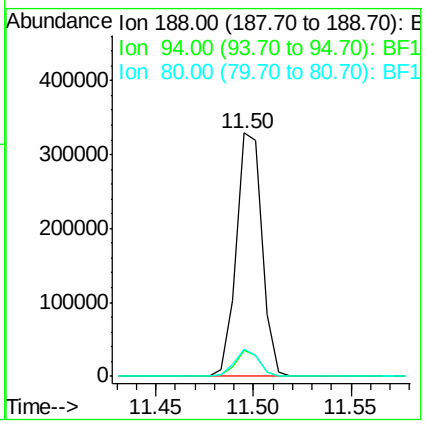


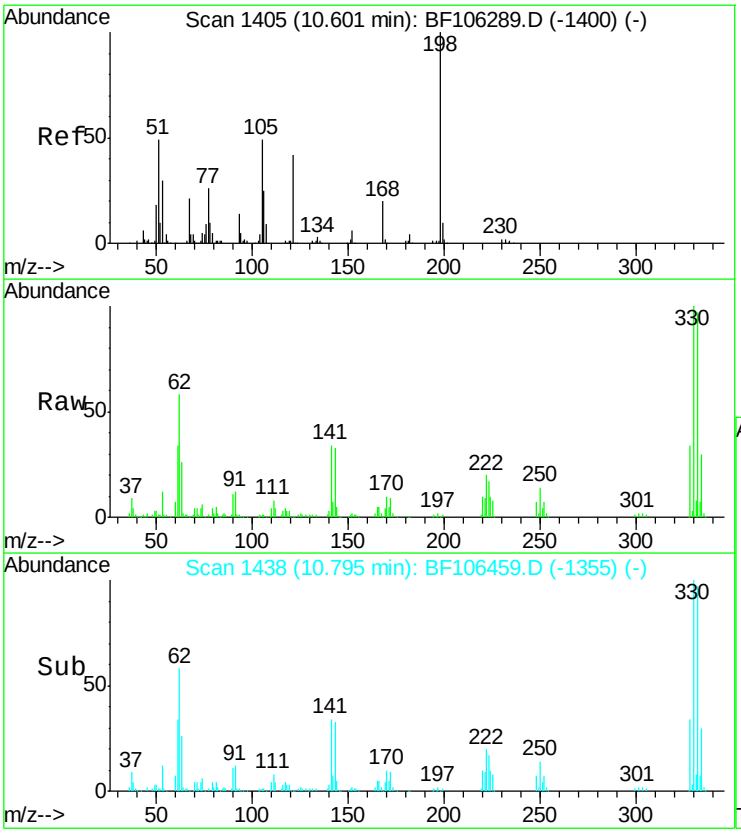
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:188 Resp: 301085

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8

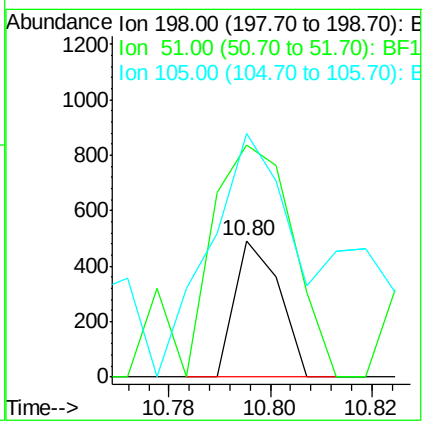


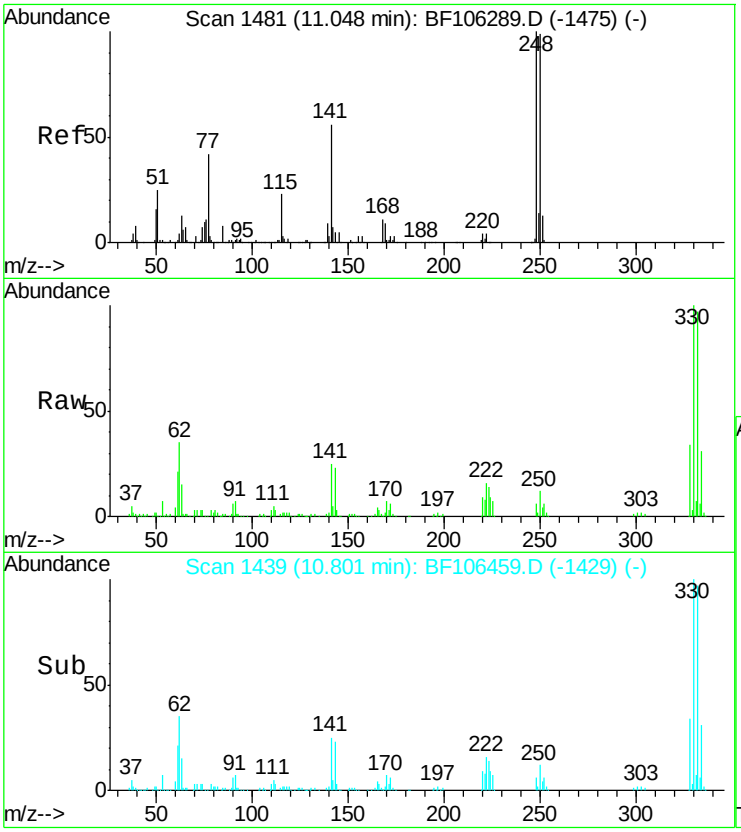


#64
4,6-Dinitro-2-methylphenol
Concen: 6.456 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:198 Resp: 302

Ion	Ratio	Lower	Upper
198	100		
51	170.5	37.7	77.7#
105	178.5	36.3	76.3#



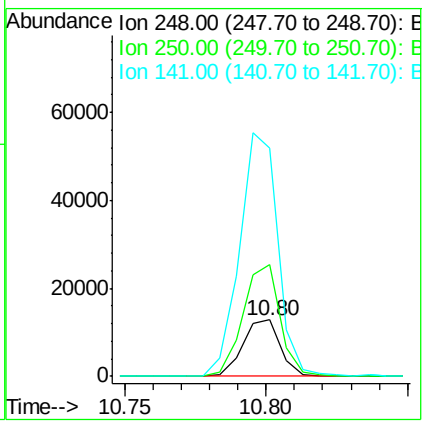


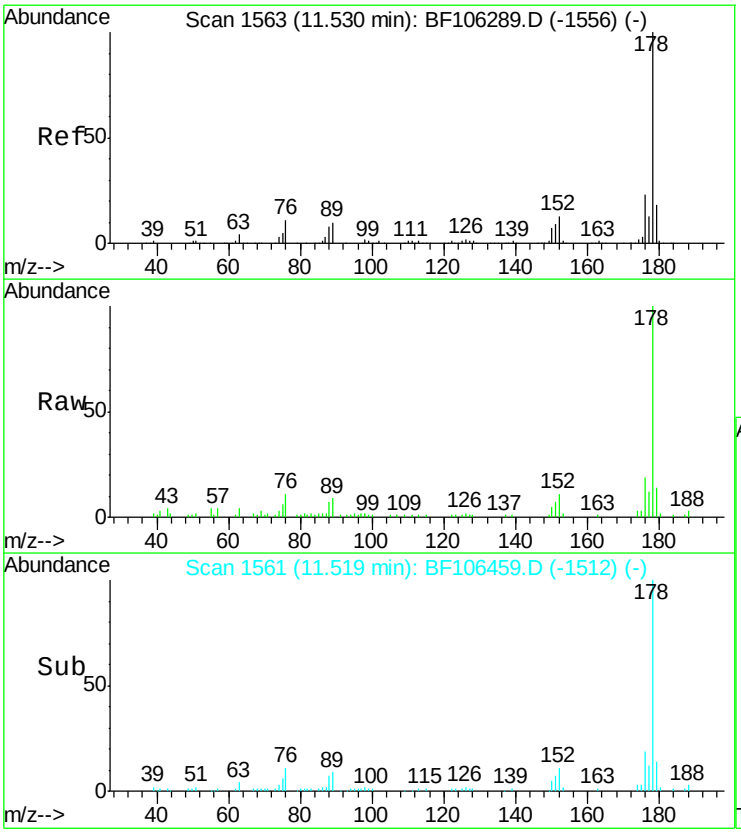
#66
4-Bromophenyl-phenylether
Concen: 3.459 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:248 Resp: 11844

Ion	Ratio	Lower	Upper
248	100		
250	198.8	76.9	115.3#
141	407.6	74.4	111.6#

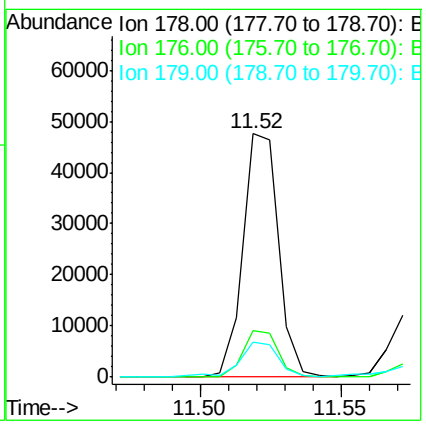


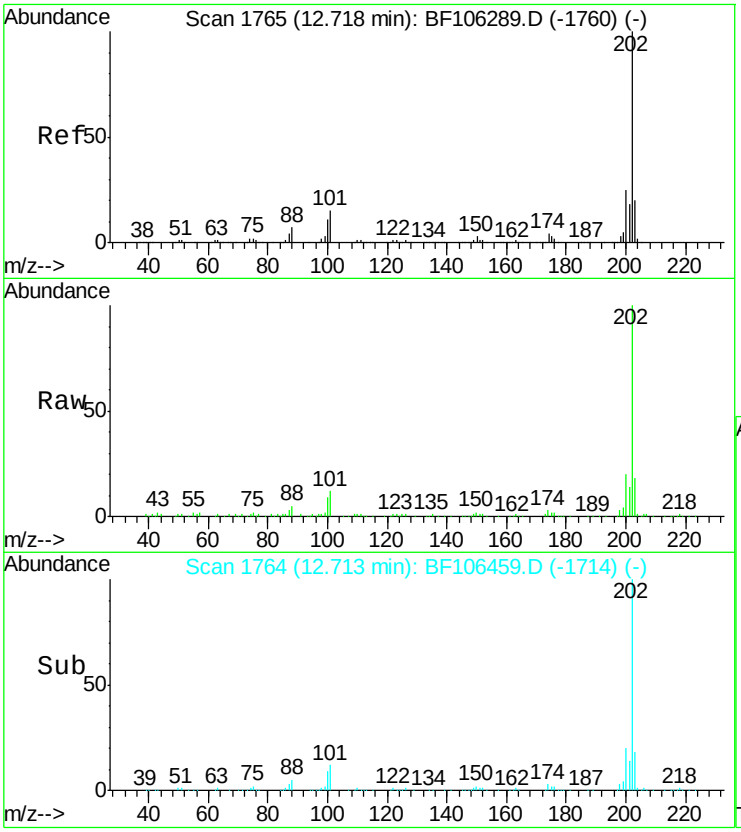


#70
Phenanthrene
Concen: 2.817 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:178 Resp: 41540

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.3	13.0	19.6



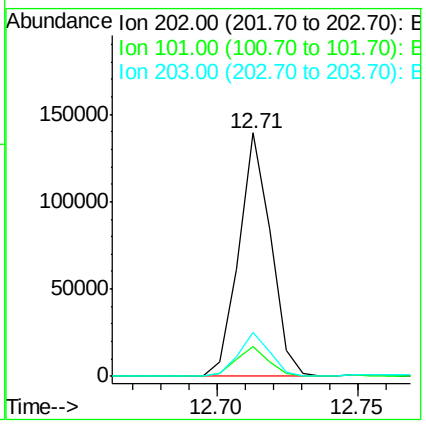


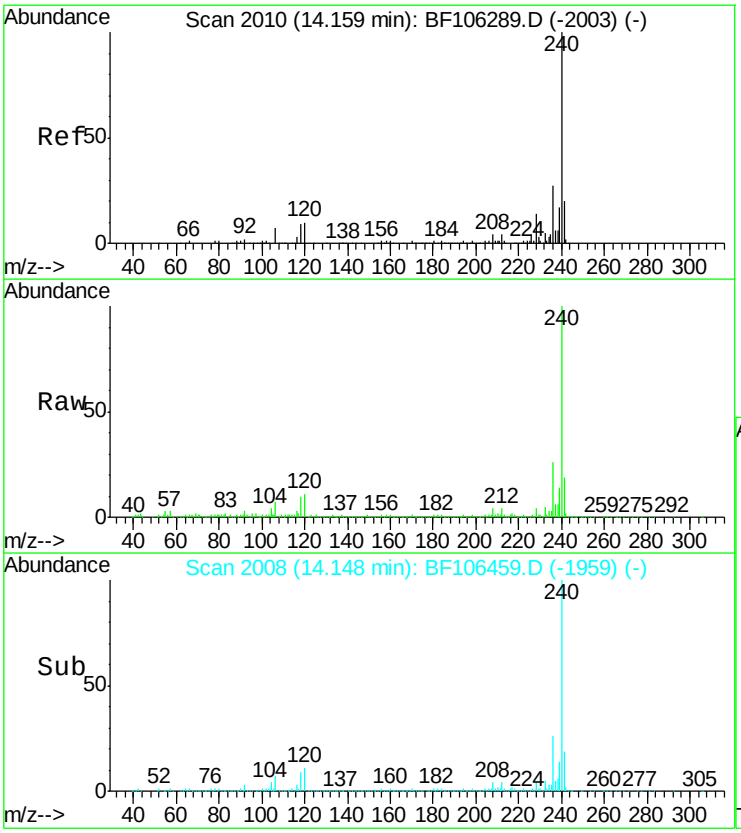
#74
Fluoranthene
Concen: 6.991 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:202 Resp: 109941

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.9	0.0	38.1

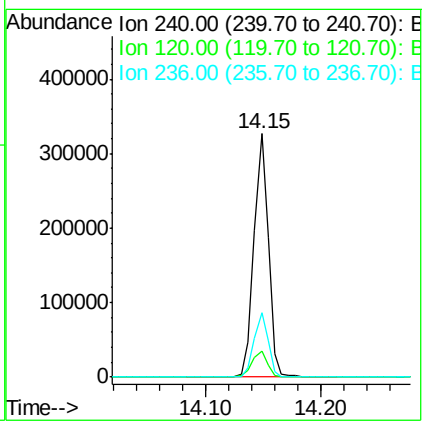


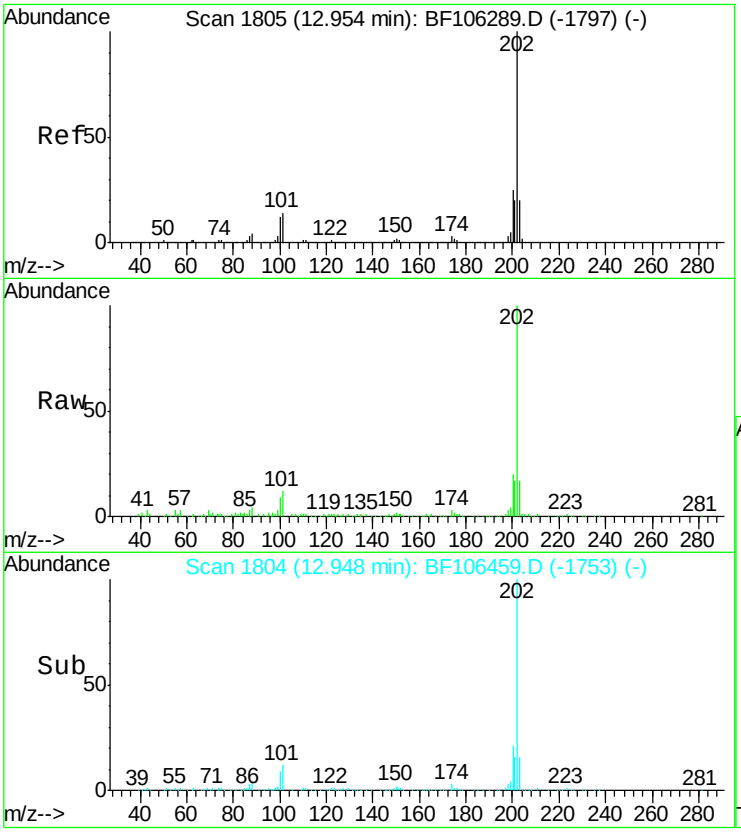


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:240 Resp: 284803

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.3	20.7	31.1



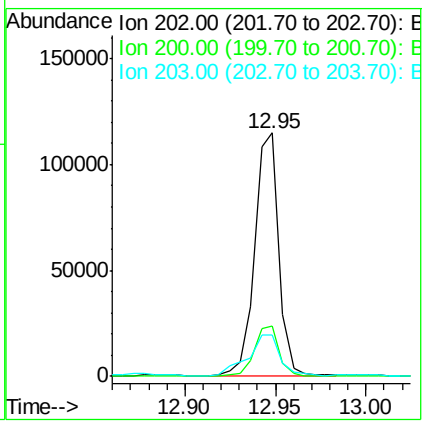


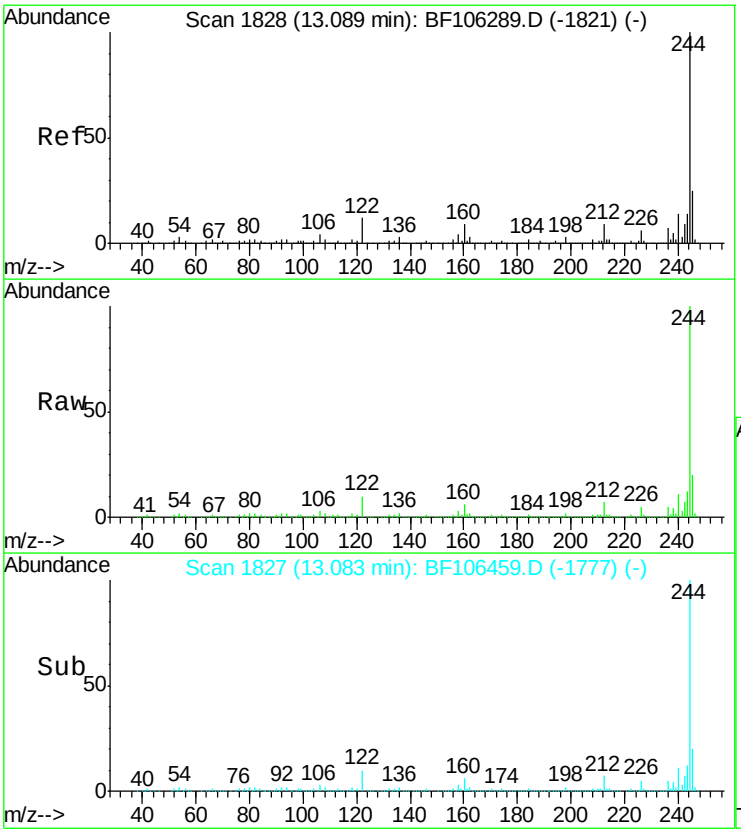
#77
Pyrene
Concen: 6.009 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:202 Resp: 107144

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.8	14.3	21.5

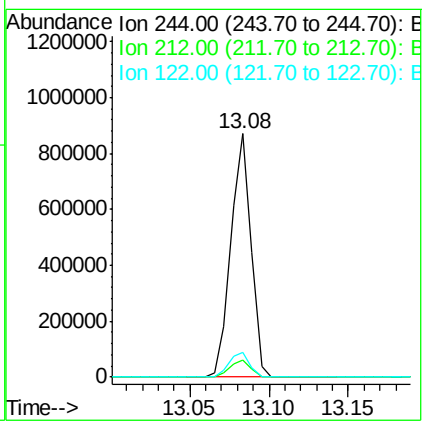


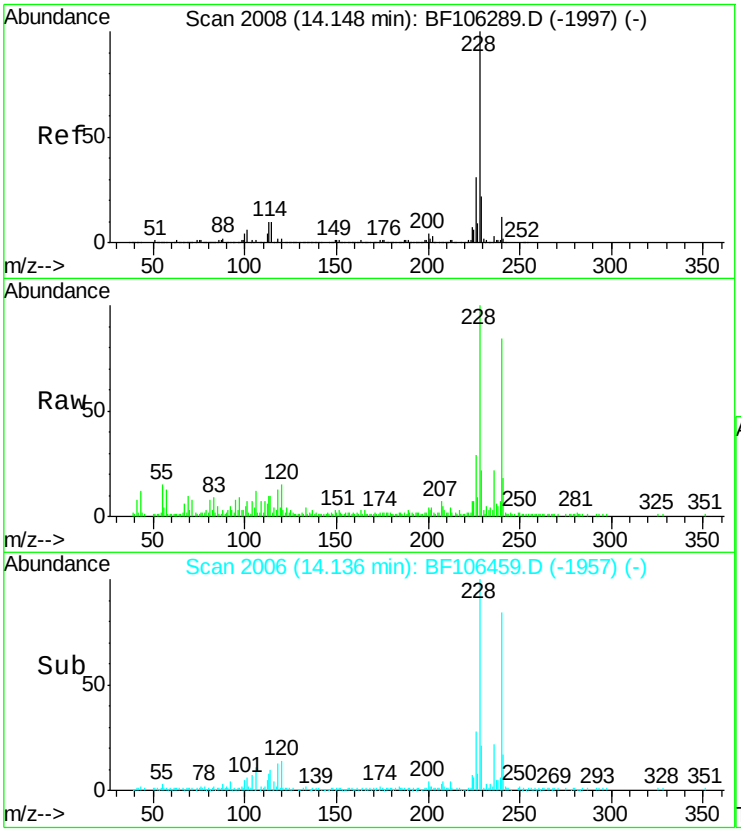


#78
Terphenyl-d14
Concen: 67.125 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:244 Resp: 769687

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4#



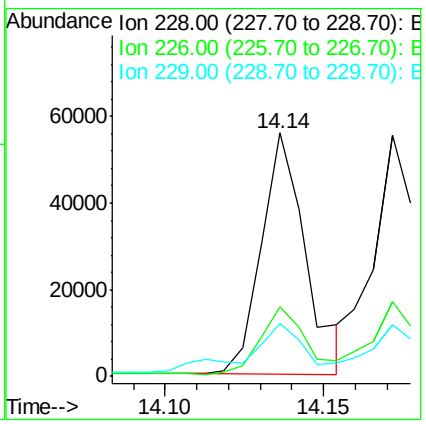


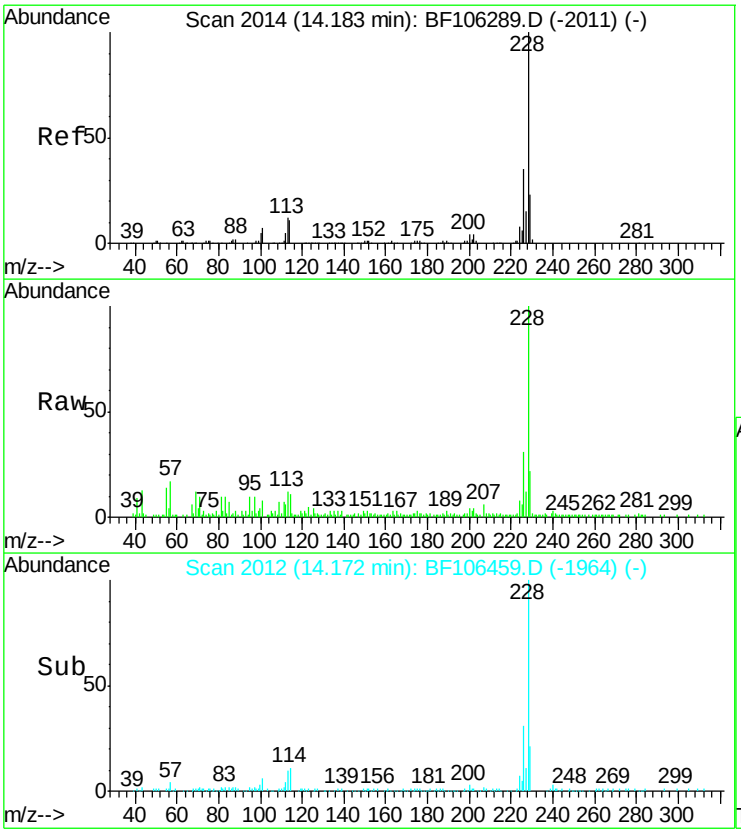
#80
Benzo(a)anthracene
Concen: 3.206 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:228 Resp: 54336

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	22.0	15.8	23.6

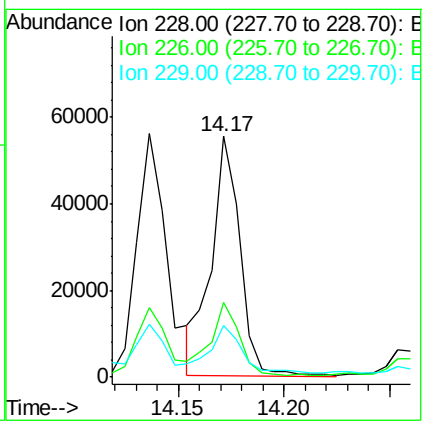


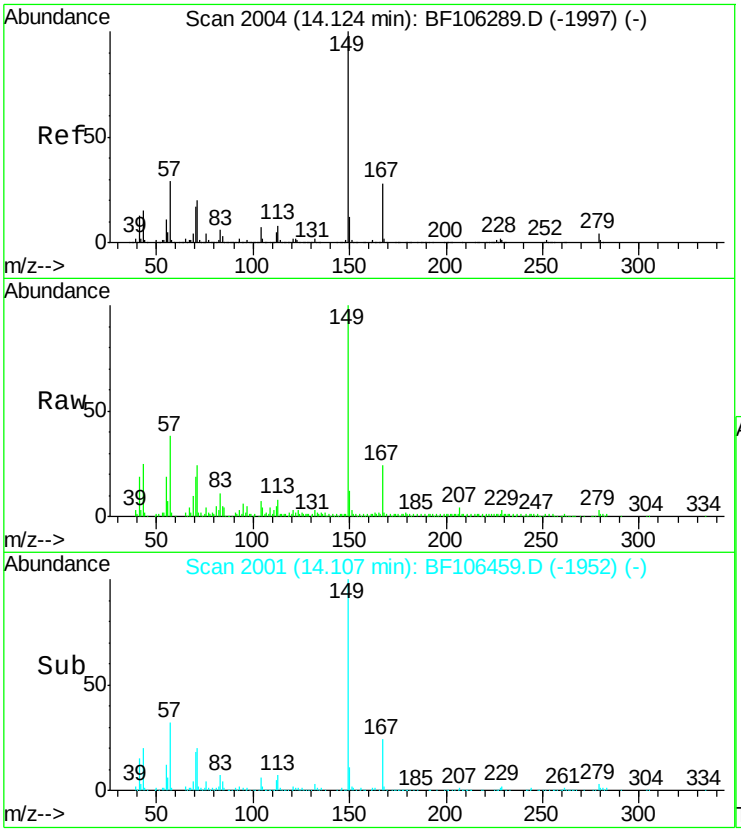


#82
Chrysene
Concen: 3.374 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:228 Resp: 52215

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.7	16.2	24.4



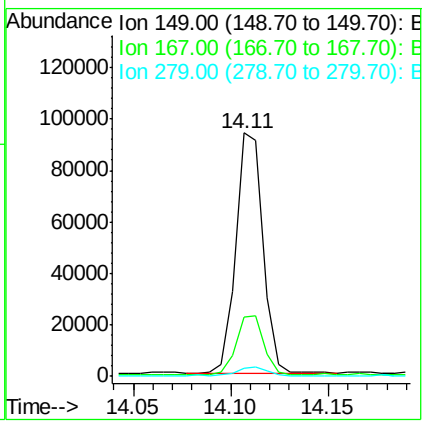


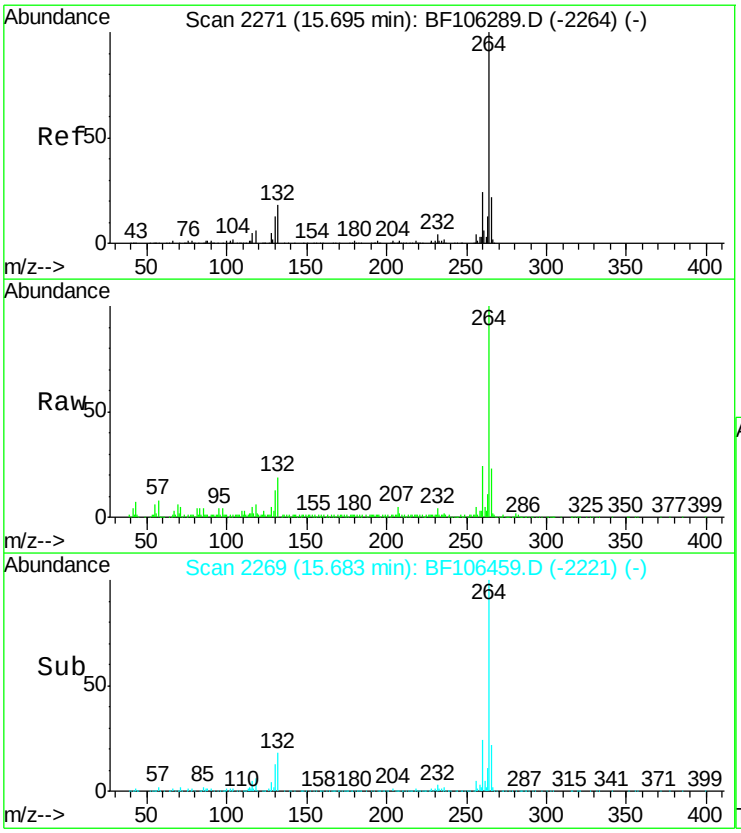
#83
Bis(2-ethylhexyl)phthalate
Concen: 9.414 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:149 Resp: 90090

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.3	31.9
279	3.4	3.0	4.4

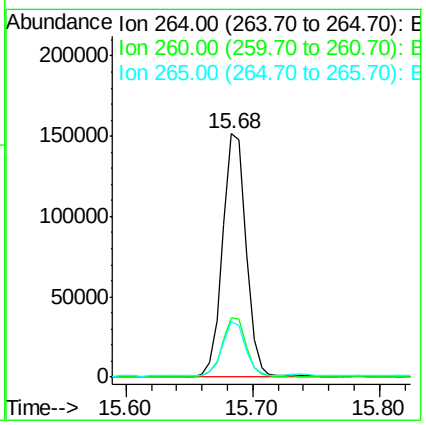


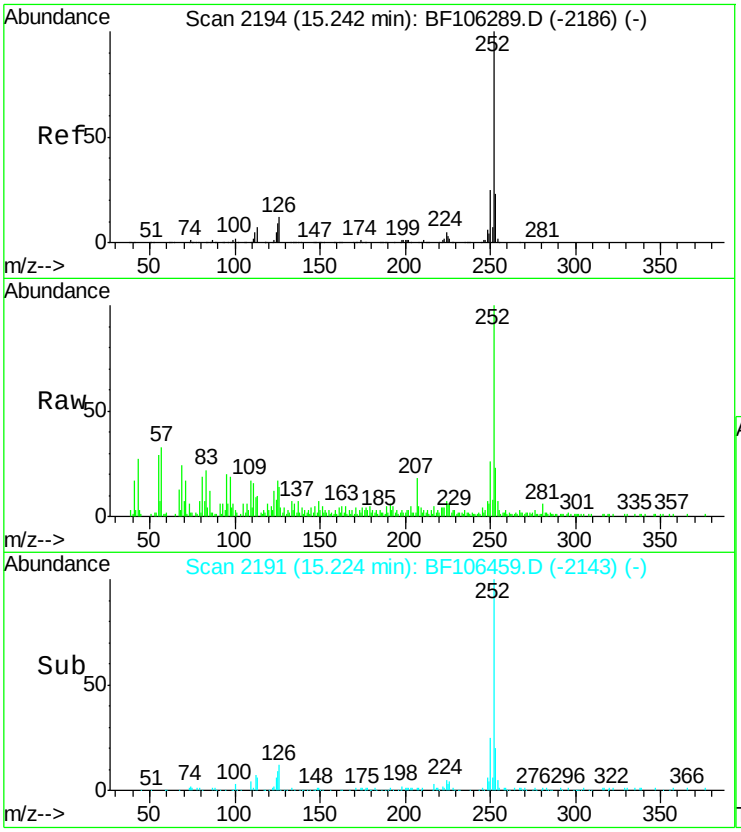


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:264 Resp: 196648

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.5	17.5	26.3



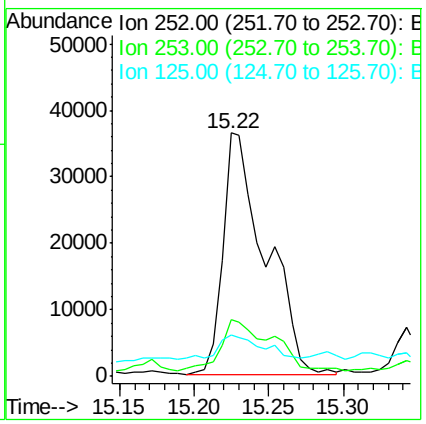


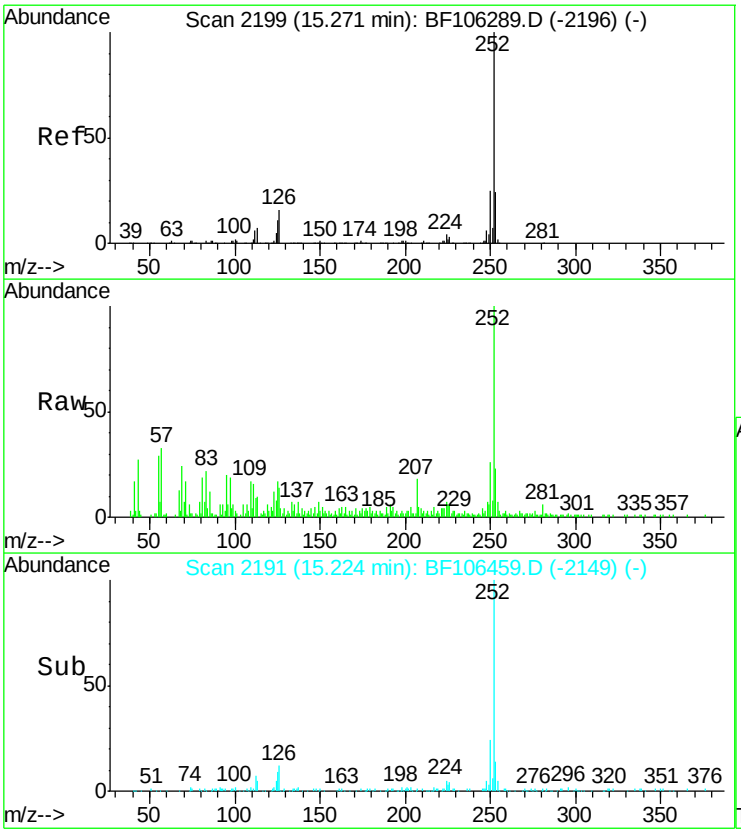
#87
Benzo(b)fluoranthene
Concen: 6.095 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:252 Resp: 72447

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	16.7	9.0	13.6#

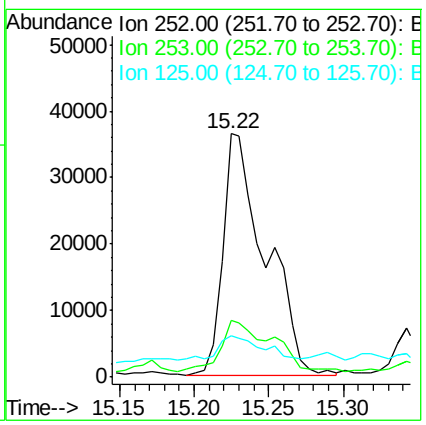


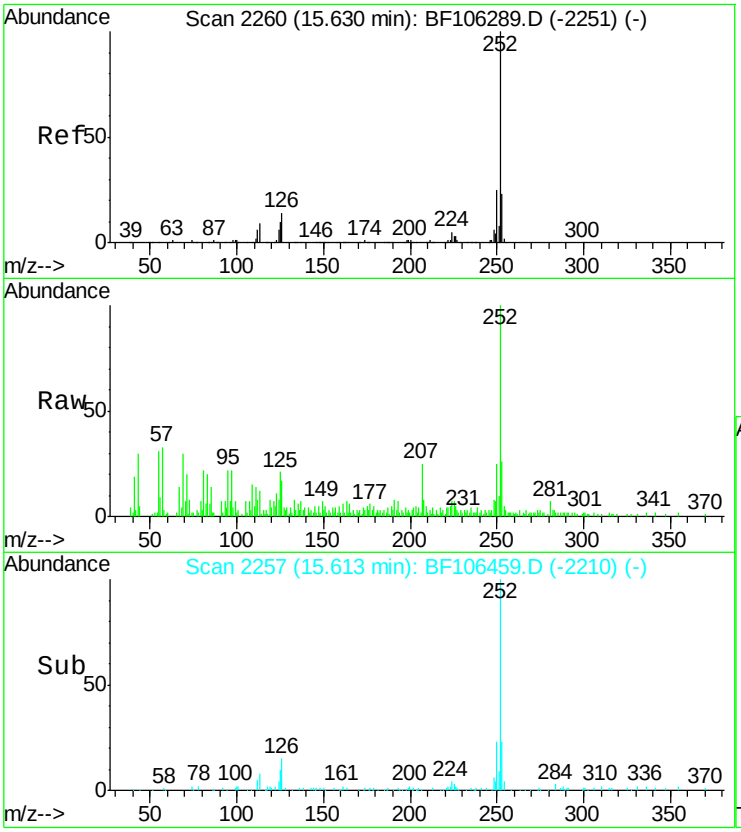


#88
Benzo(k)fluoranthene
Concen: 6.154 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:252 Resp: 72447

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	16.7	10.2	15.2#



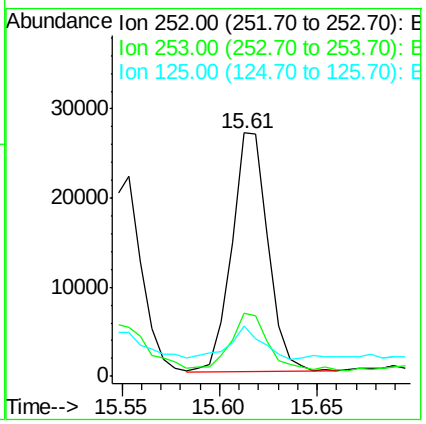


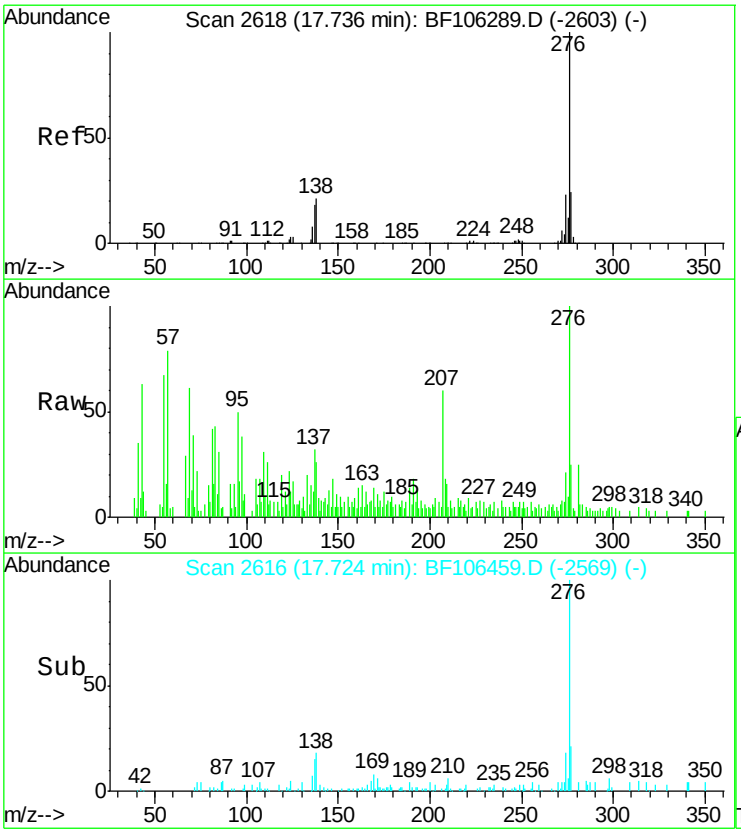
#89
Benzo(a)pyrene
Concen: 3.237 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Instrument :
BNA_F
ClientSampleId :
#1

Tgt Ion:252 Resp: 34607

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	20.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.708 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF106459.D
Acq: 14 Jun 2018 22:51

Tgt Ion:276 Resp: 23461

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	25.8	21.8	32.8