Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 02 04:07:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73017	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	251085	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	111276	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	210661	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	151734	20.00	ng		-0.02
86) Perylene-d12	15.69	264	126789	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	282258	65.46	ng		0.00
7) Phenol-d6	6.60	99	336630	62.51	ng		-0.01
23) Nitrobenzene-d5	7.52	82	188070	41.63	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	86825	67.32	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	364273	49.20	ng		-0.02
78) Terphenyl-d14	13.07	244	422515	67.45	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	25348	7.141	ng	#	72
20) 3+4-Methylphenols	7.10	107	127	Below Cal		#	1
25) Isophorone	7.52	82	188069	23.622	ng	#	64
48) Acenaphthylene	9.86	152	35341	3.207	ng		97
49) Dimethylphthalate	9.70	163	42013	5.034	ng	#	97
51) Acenaphthene	10.02	154	27263	3.928	ng		96
54) Dibenzofuran	10.20	168	20703	2.179	ng		97
57) Fluorene	10.54	166	33817	4.484	ng	#	97
70) Phenanthrene	11.52	178	521899	51.365	ng		99
71) Anthracene	11.57	178	116509	11.234	ng		99
72) Carbazole	11.72	167	67185	6.919	ng		98
74) Fluoranthene	12.72	202	1015773	90.702	ng		96
77) Pyrene	12.95	202	942972	94.243	ng		98
80) Benzo(a)anthracene	14.14	228	468285	50.638	ng		97
82) Chrysene	14.18	228	437762	51.454	ng		97
83) Bis(2-ethylhexyl)phthalate	14.09	149	54628	10.387	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	251157	34.786	ng	#	86
87) Benzo(b)fluoranthene	15.24	252	691588	87.809	ng		96
88) Benzo(k)fluoranthene	15.24	252	691588	92.207	ng	#	96
89) Benzo(a)pyrene	15.62	252	354798	50.674	ng		94
90) Dibenzo(a,h)anthracene	17.45	278	47321	7.975	ng		93
91) Benzo(g,h,i)perylene	17.77	276	253312	43.676	ng	#	88

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

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
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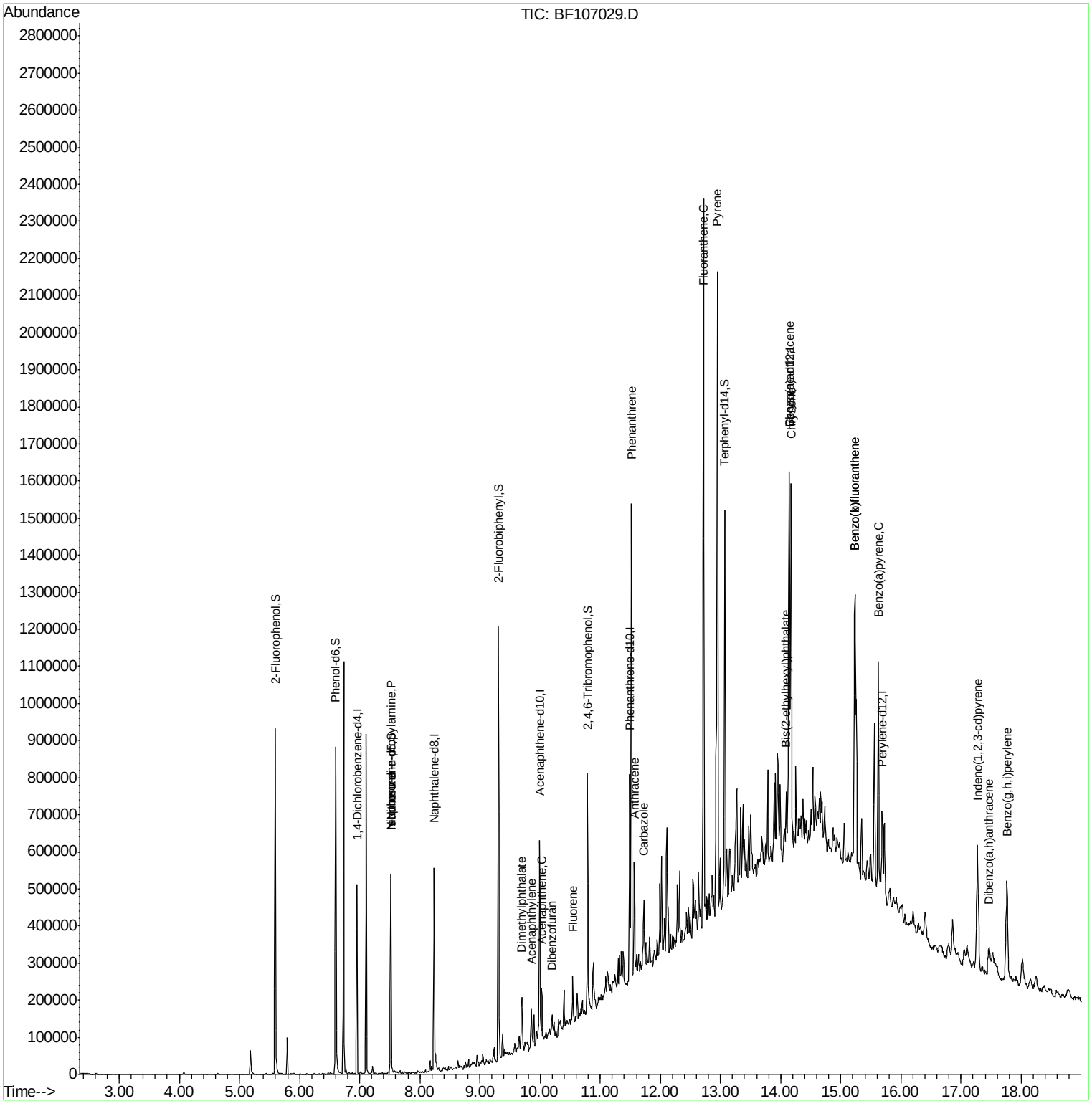
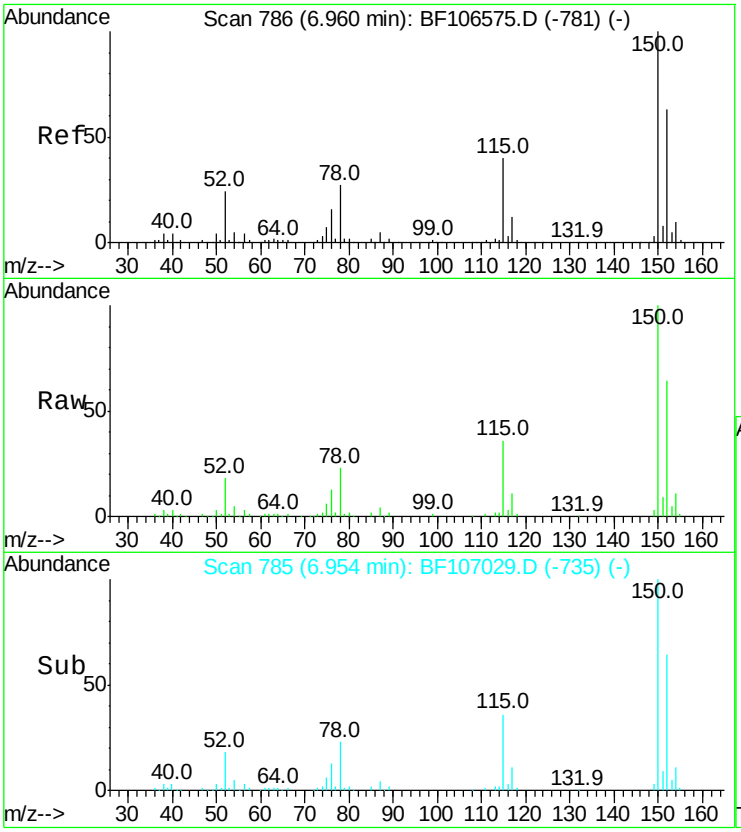


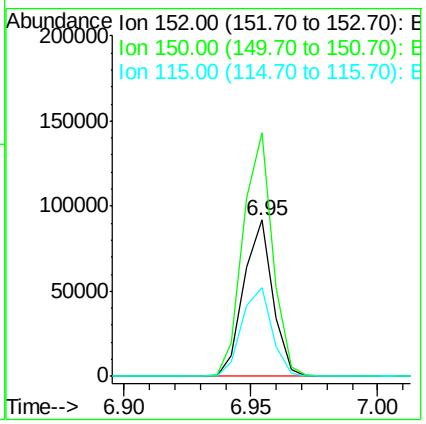


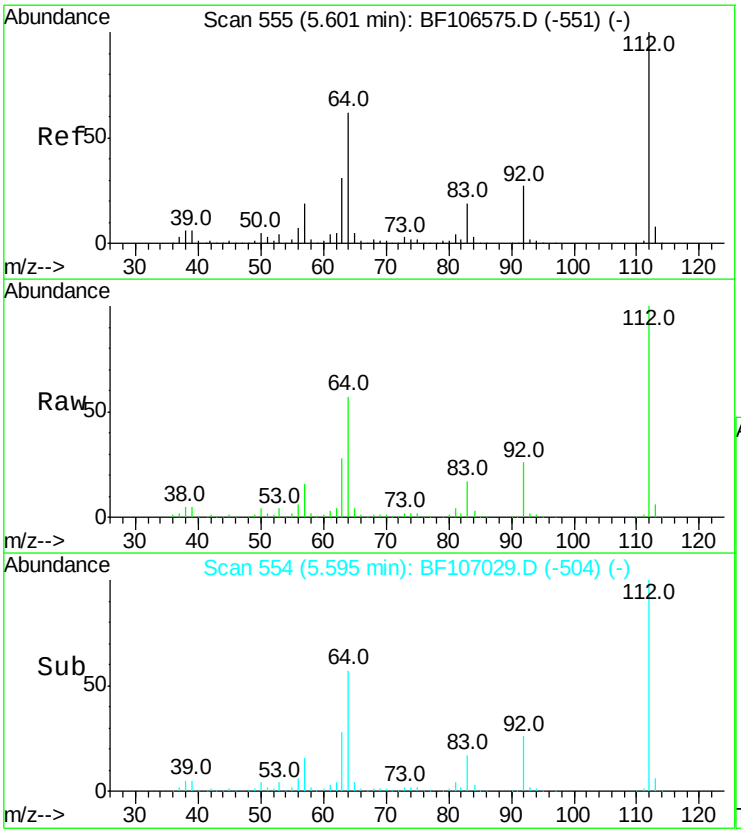
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 73017

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	56.6	50.1	75.1

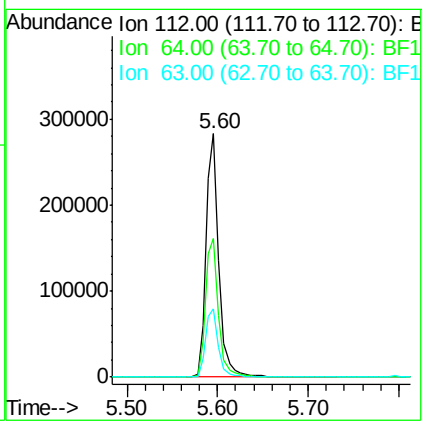


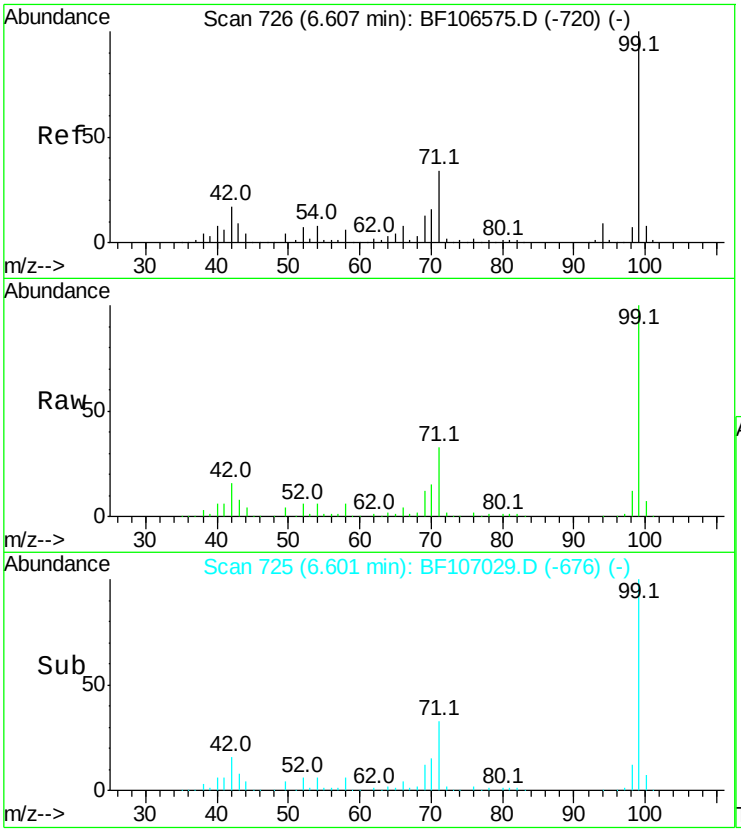


#5
2-Fluorophenol
Concen: 65.458 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:112 Resp: 282258

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	28.2	23.7	35.5



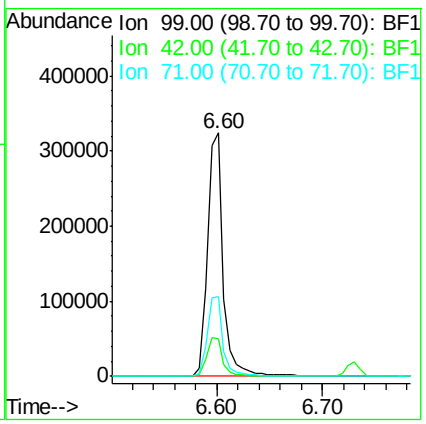


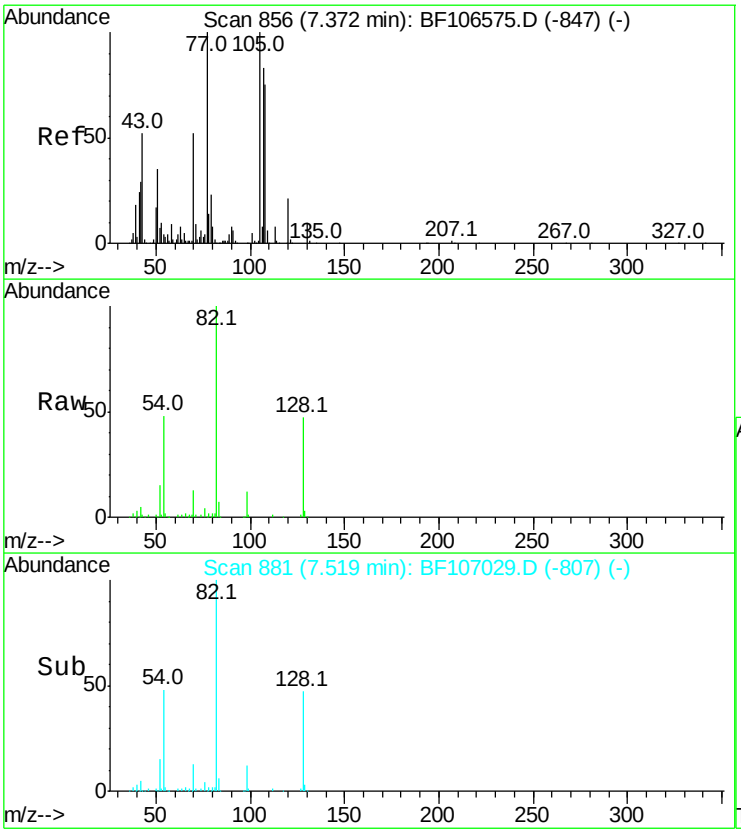
#7
Phenol-d6
Concen: 62.513 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 336630

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	33.0	25.4	38.0

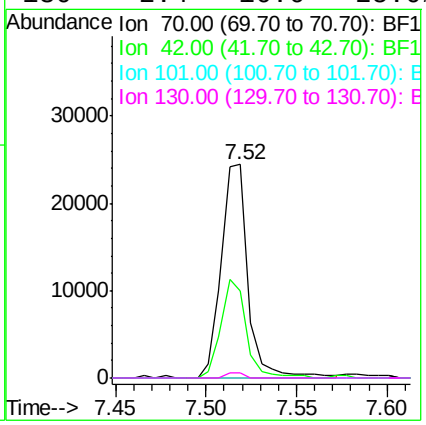


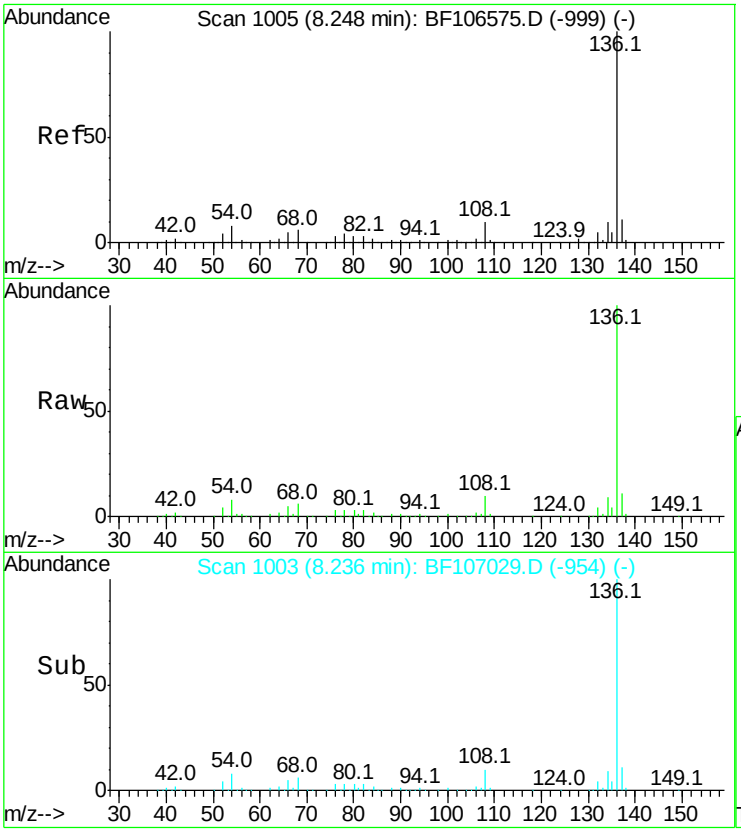


#19
n-Nitroso-di-n-propylamine
Concen: 7.141 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion: 70 Resp: 25348

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



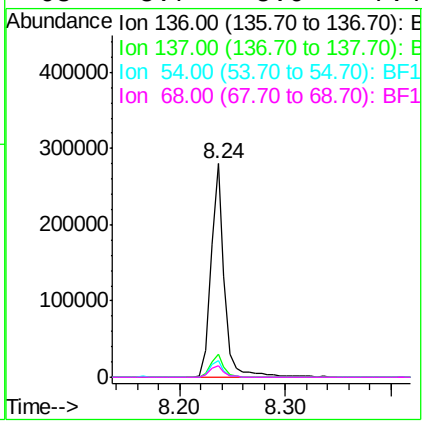


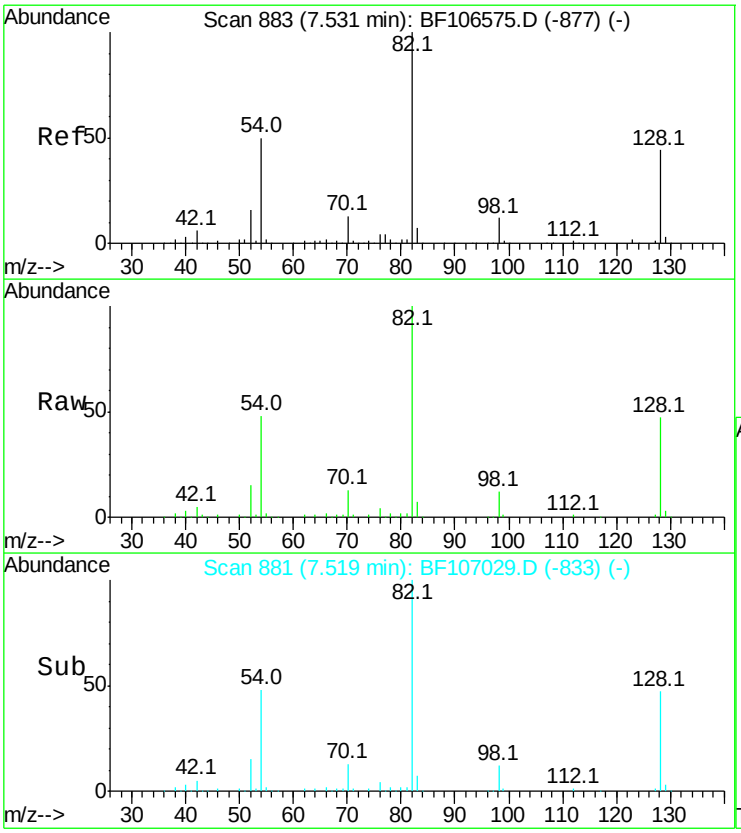
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 251085

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	5.7	5.0	7.4

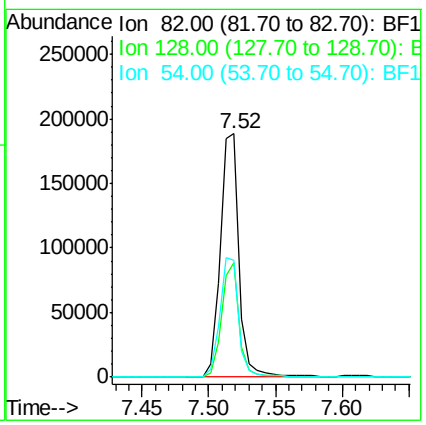


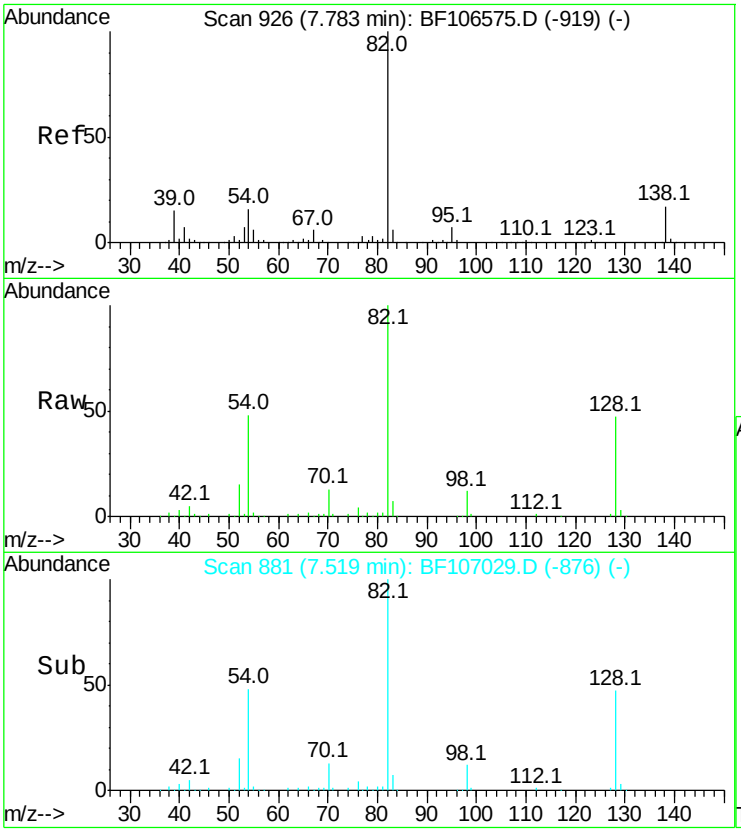


#23
Nitrobenzene-d5
Concen: 41.626 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion: 82 Resp: 188070

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	48.0	41.4	62.2

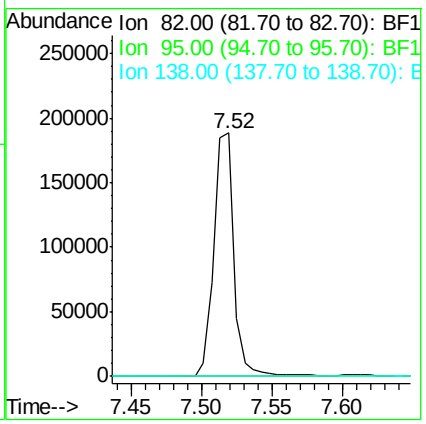




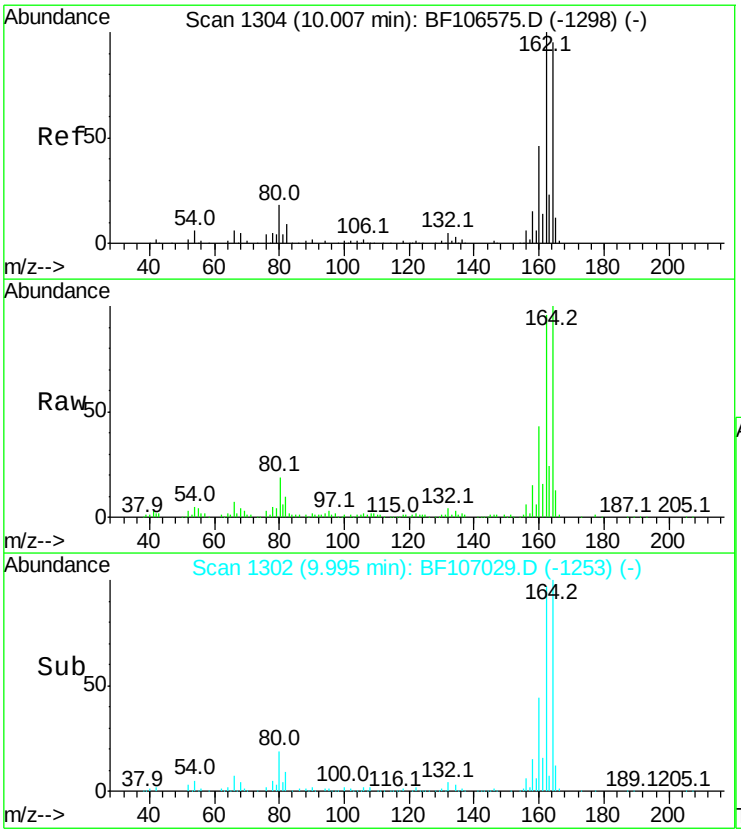
#25
Isophorone
Concen: 23.622 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion: 82 Resp: 188069

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



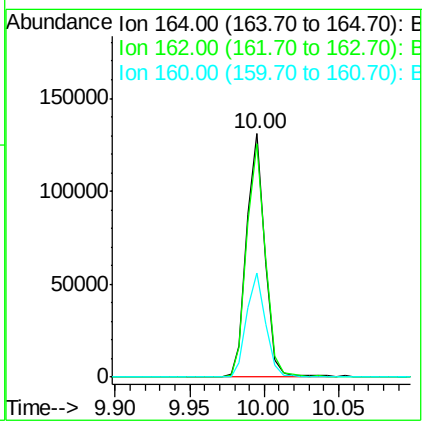
Instrument :
BNA_F
ClientSampleId :

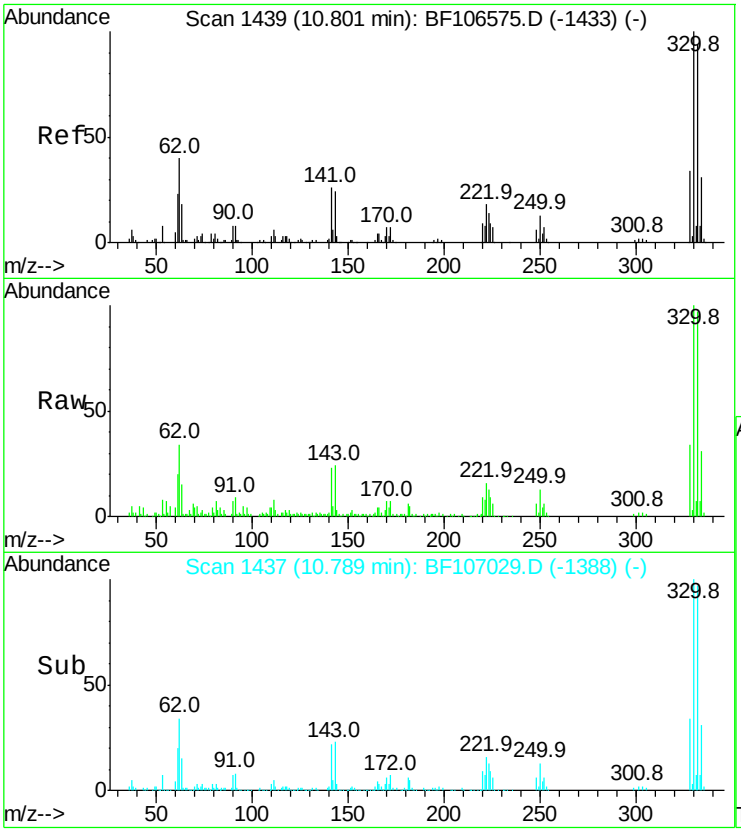


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:164 Resp: 111276

Ion	Ratio	Lower	Upper
164	100		
162	95.8	86.1	129.1
160	42.9	38.3	57.5



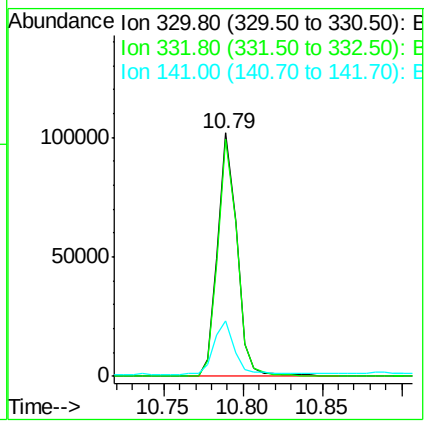


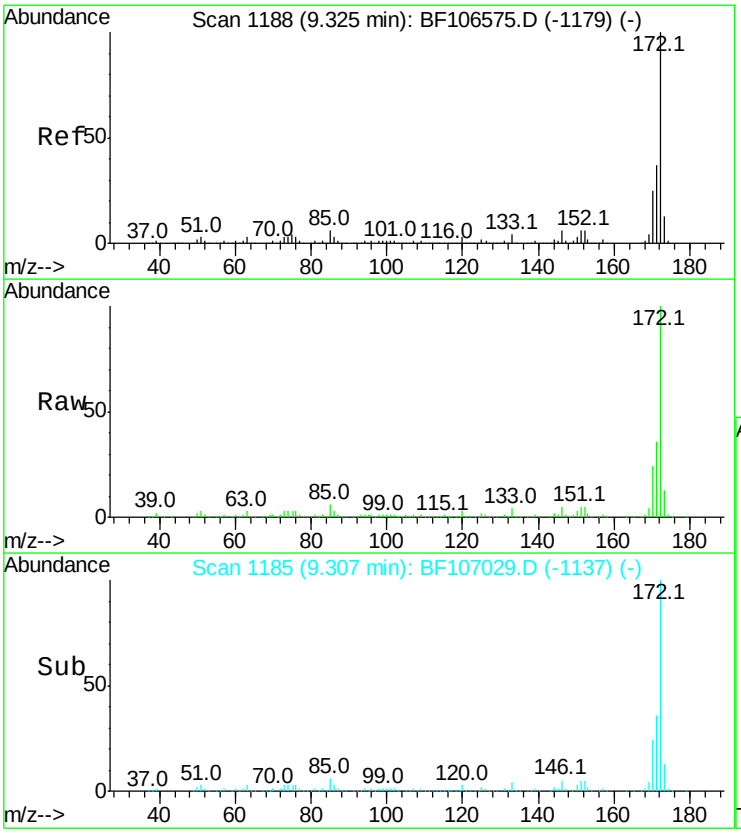
#41
2,4,6-Tribromophenol
Concen: 67.321 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 86825

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	22.9	29.9	44.9#

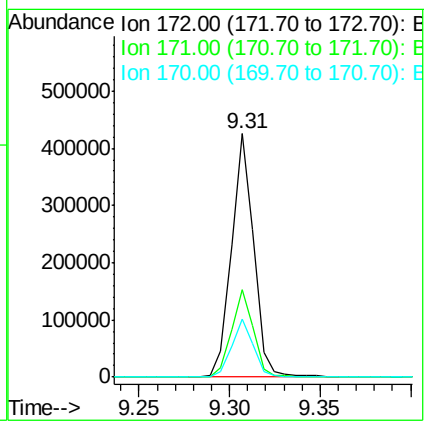


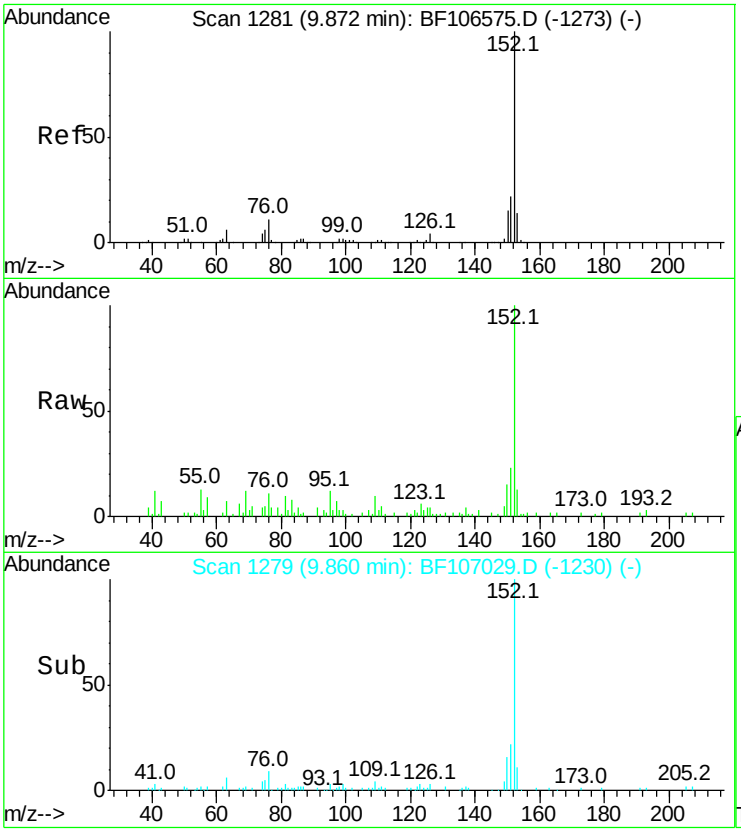


#44
2-Fluorobiphenyl
Concen: 49.196 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:172 Resp: 364273

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



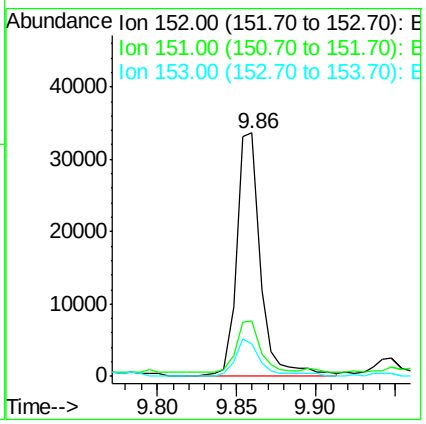


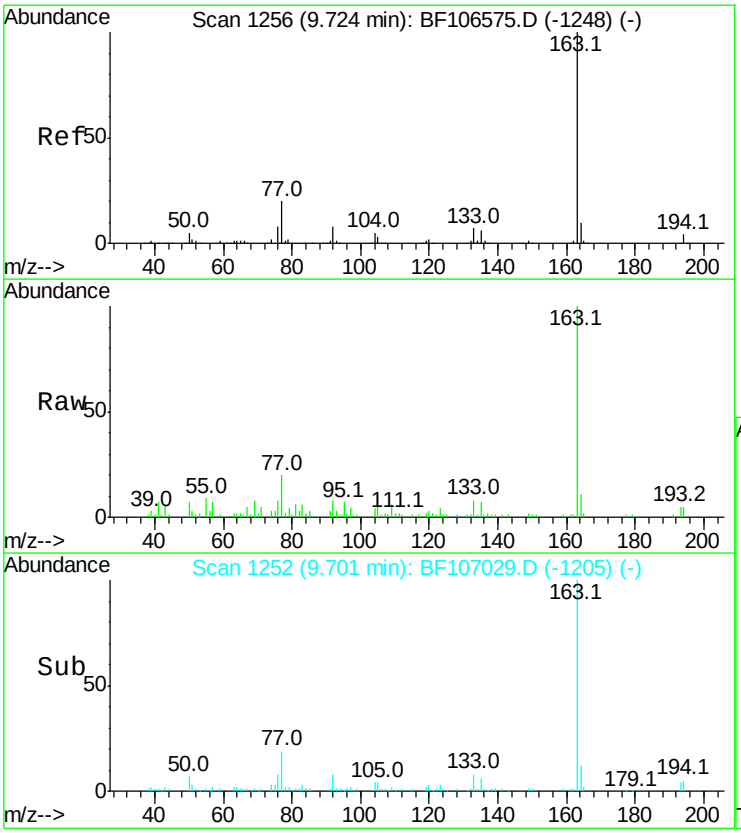
#48
Acenaphthylene
Concen: 3.207 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 35341

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.3	24.5
153	13.4	10.7	16.1

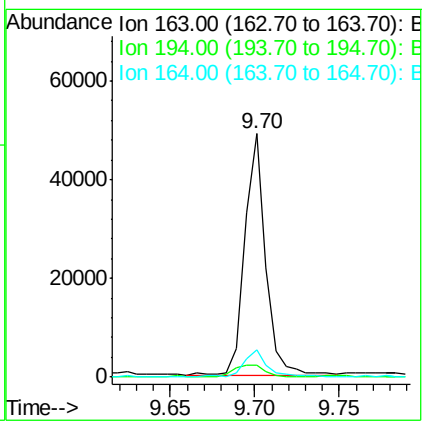


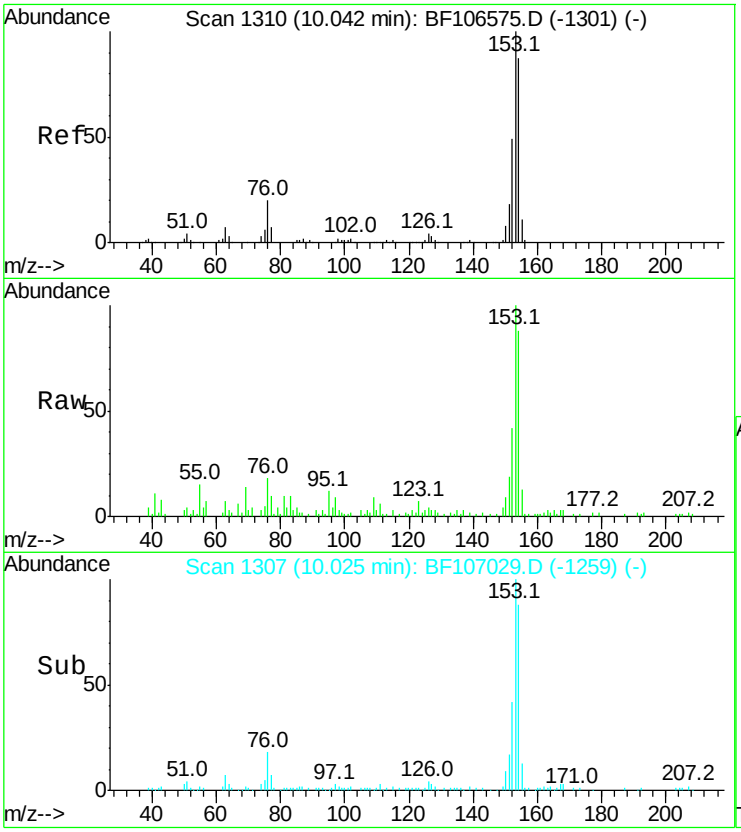


#49
Dimethylphthalate
Concen: 5.034 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:163 Resp: 42013

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	11.4	8.2	12.2



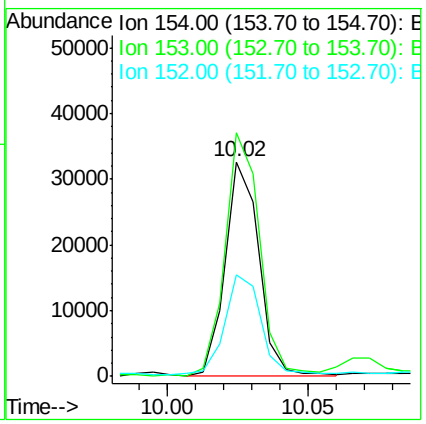


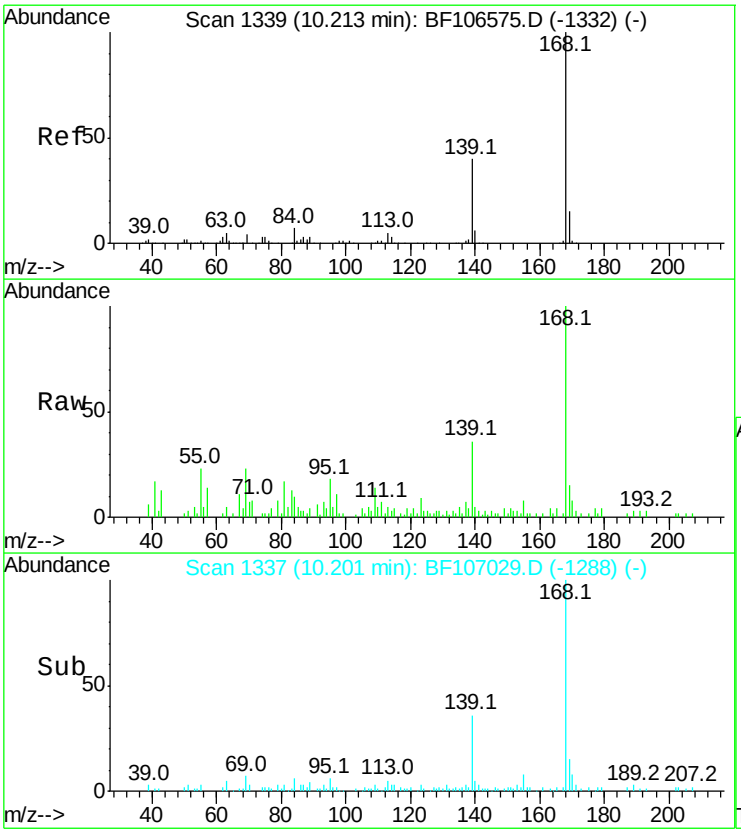
#51
Acenaphthene
Concen: 3.928 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 27263

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	47.3	43.8	65.8

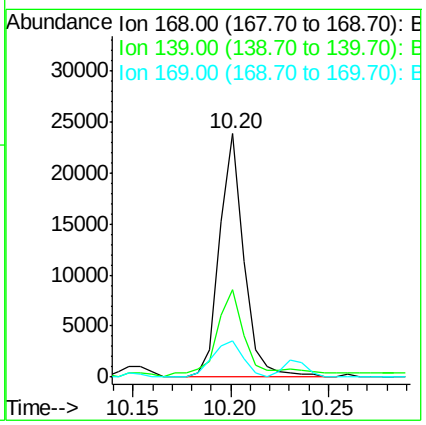


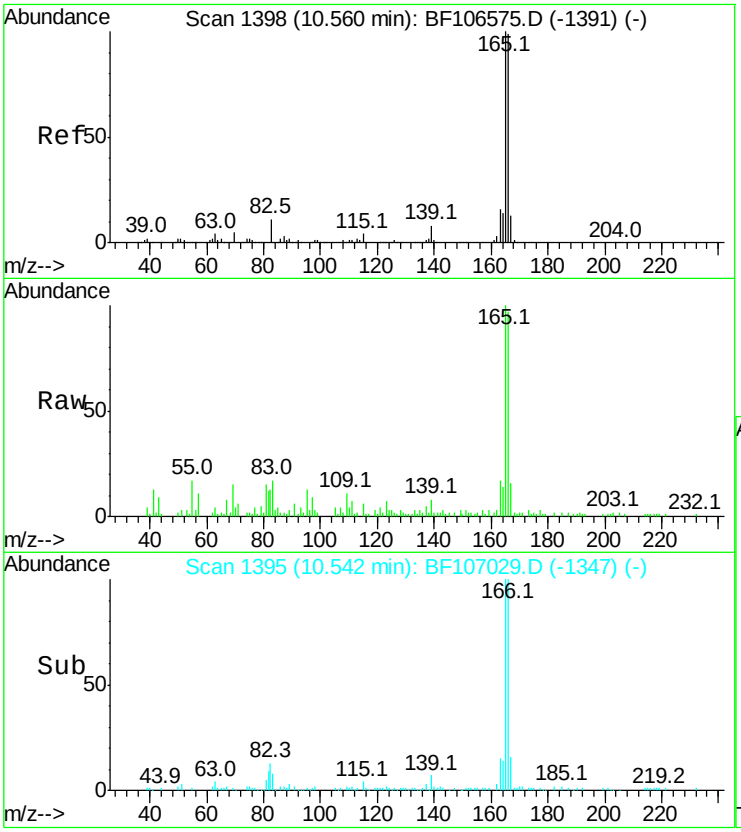


#54
Dibenzofuran
Concen: 2.179 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:168 Resp: 20703

Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	15.0	10.9	16.3



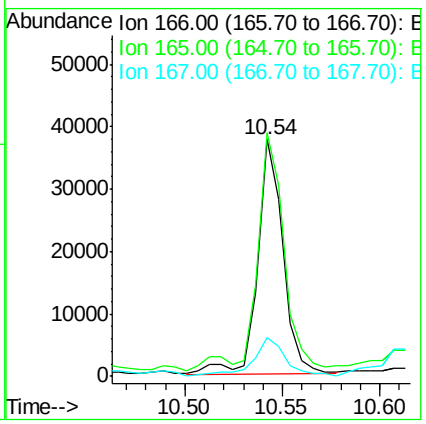


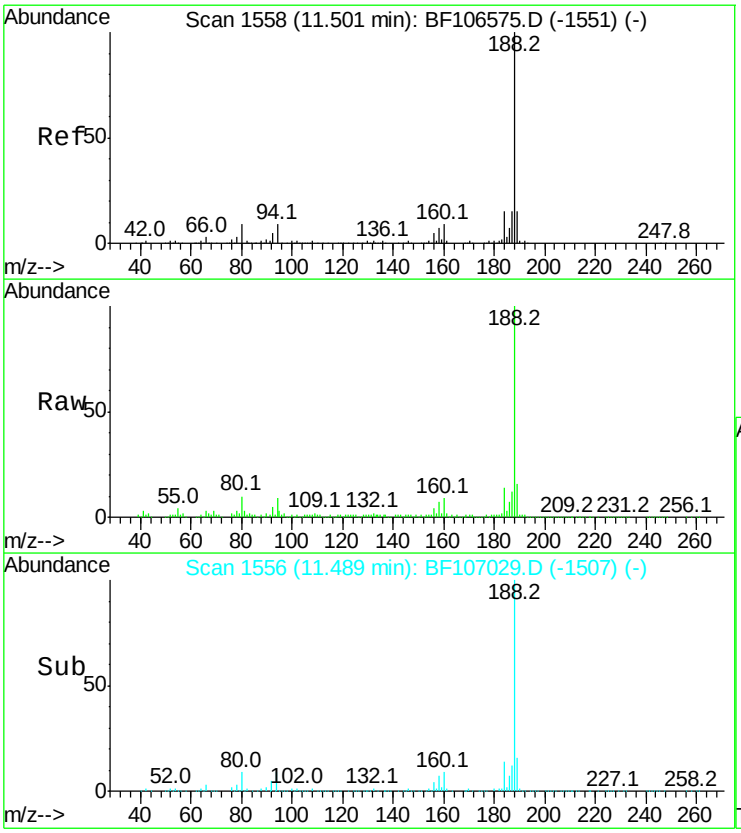
#57
Fluorene
Concen: 4.484 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 33817

Ion	Ratio	Lower	Upper
166	100		
165	102.8	79.8	119.8
167	16.1	10.6	16.0#

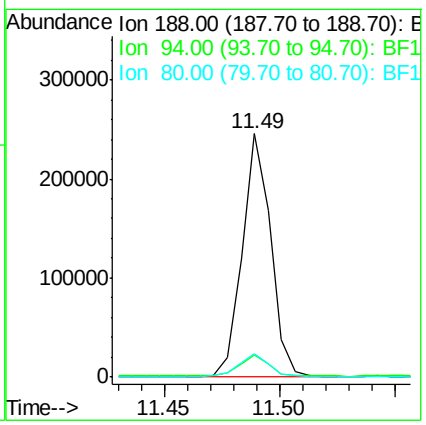


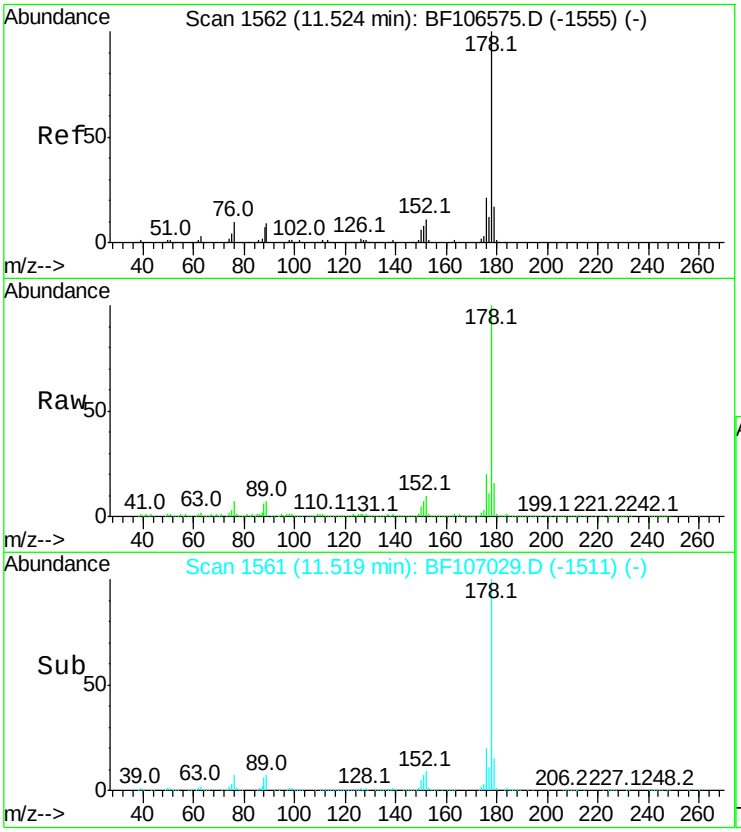


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:188 Resp: 210661

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8



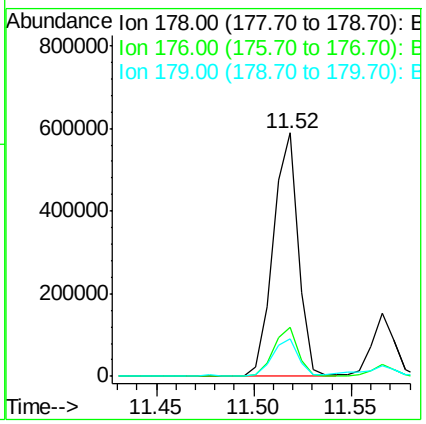


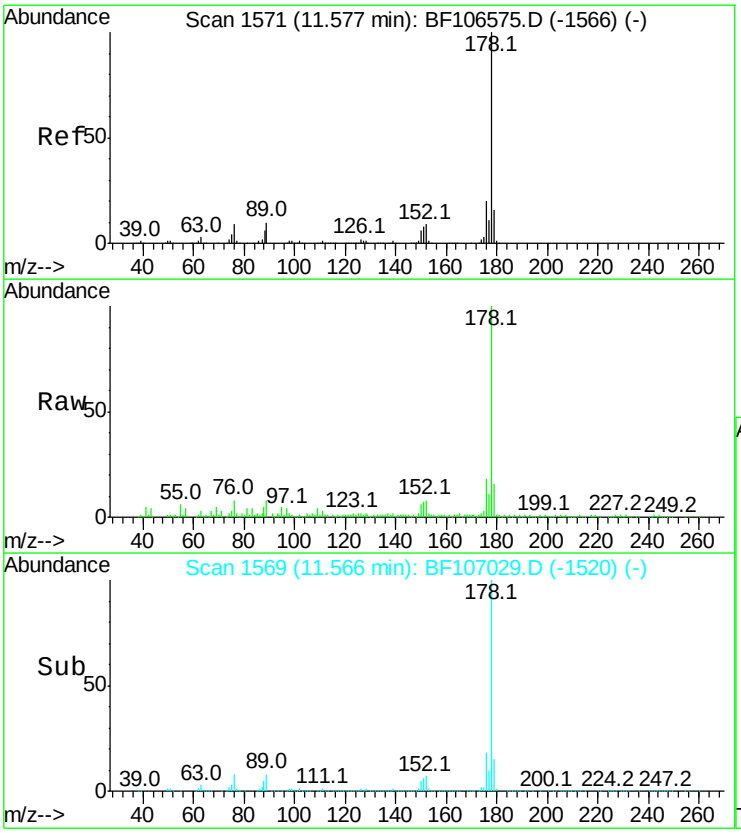
#70
Phenanthrene
Concen: 51.365 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 521899

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

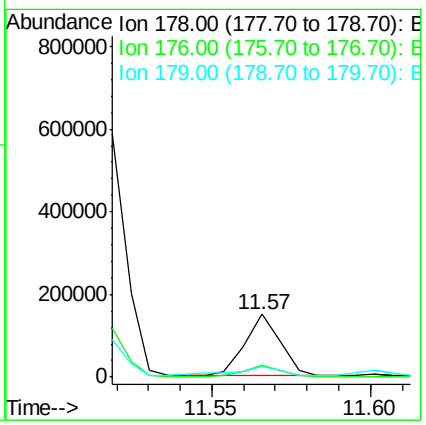


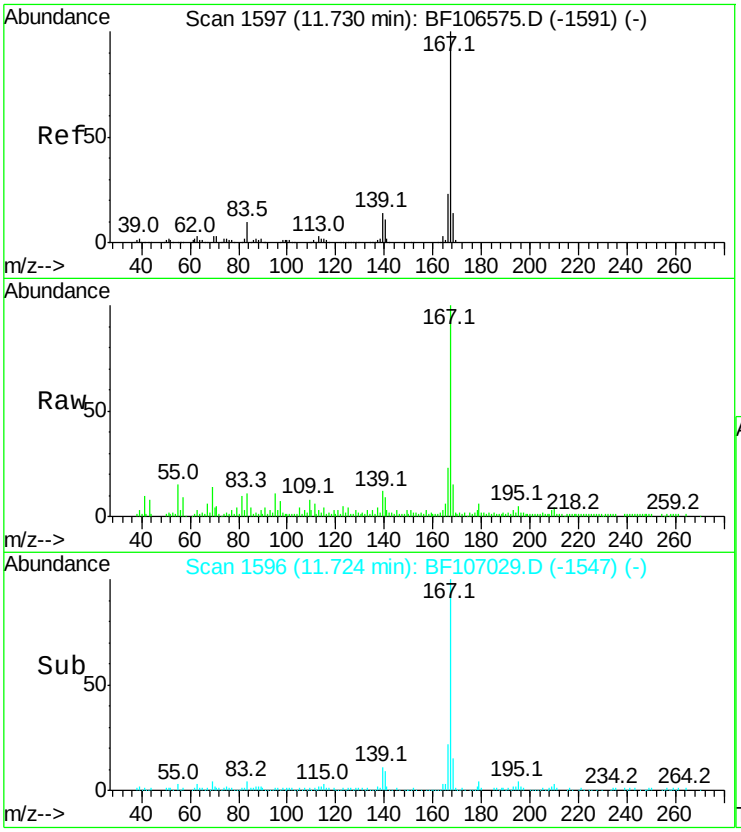


#71
Anthracene
Concen: 11.234 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:178 Resp: 116509

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	16.0	12.6	19.0



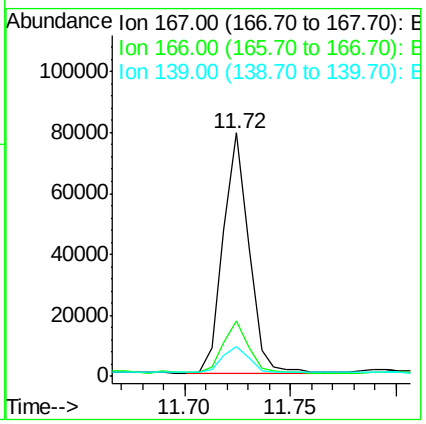


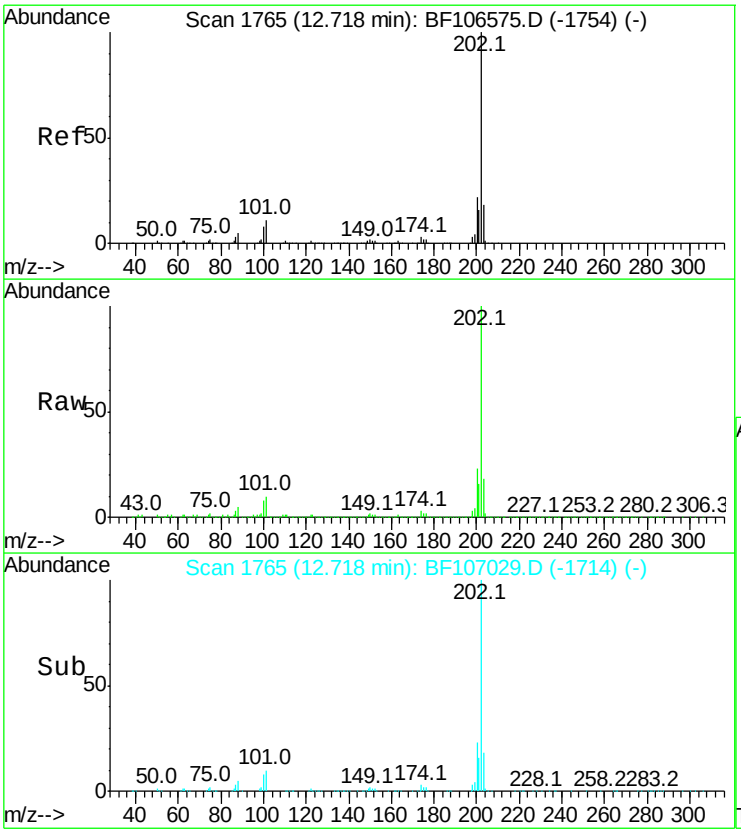
#72
Carbazole
Concen: 6.919 ng
RT: 11.72 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 67185

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.5	10.9	16.3

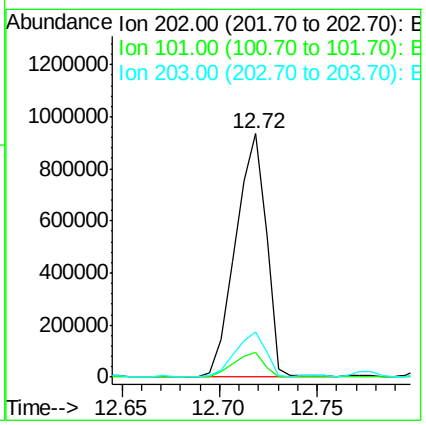


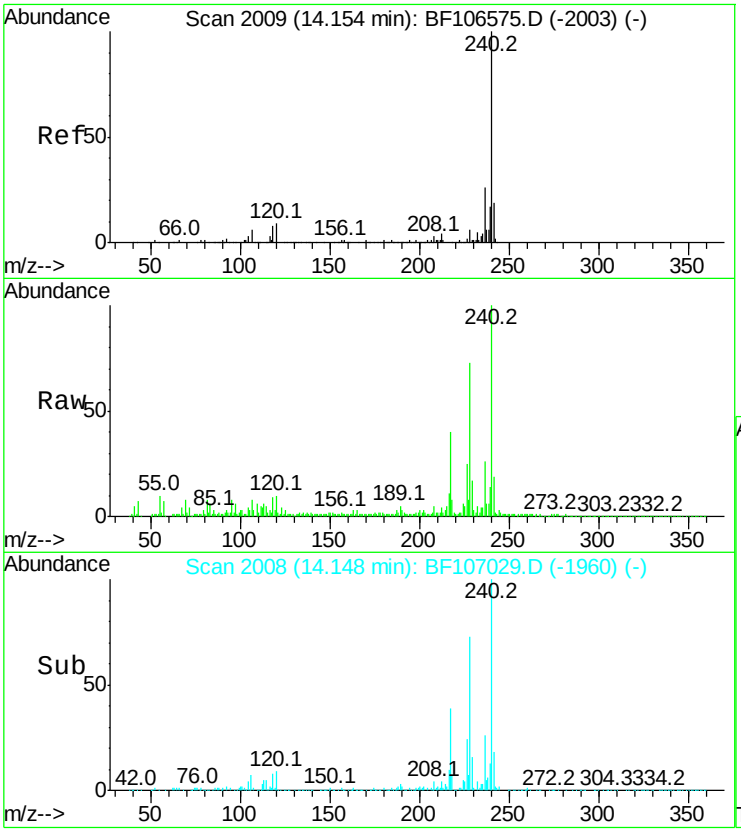


#74
Fluoranthene
Concen: 90.702 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:202 Resp: 1015773

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	18.4	0.0	38.1



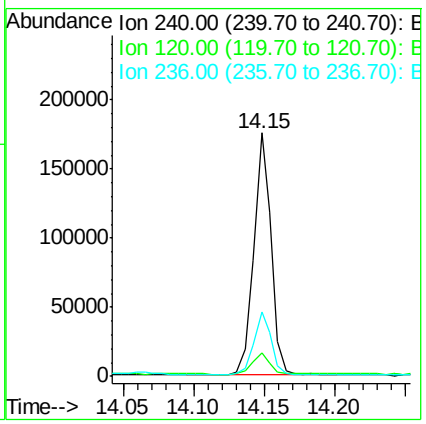


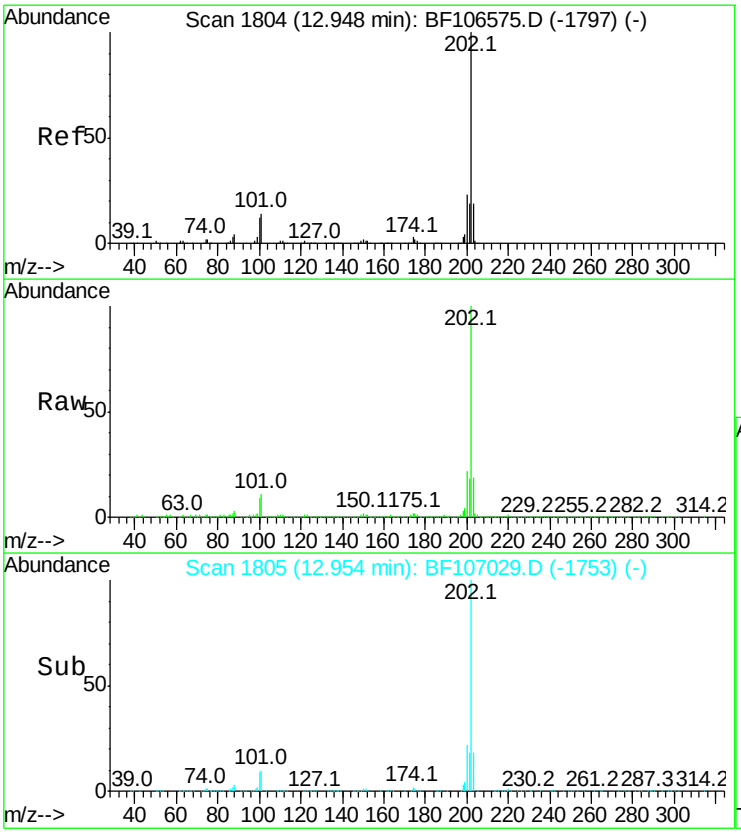
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 151734

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.3	20.7	31.1

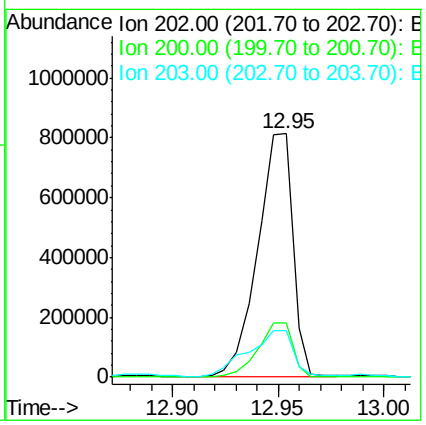


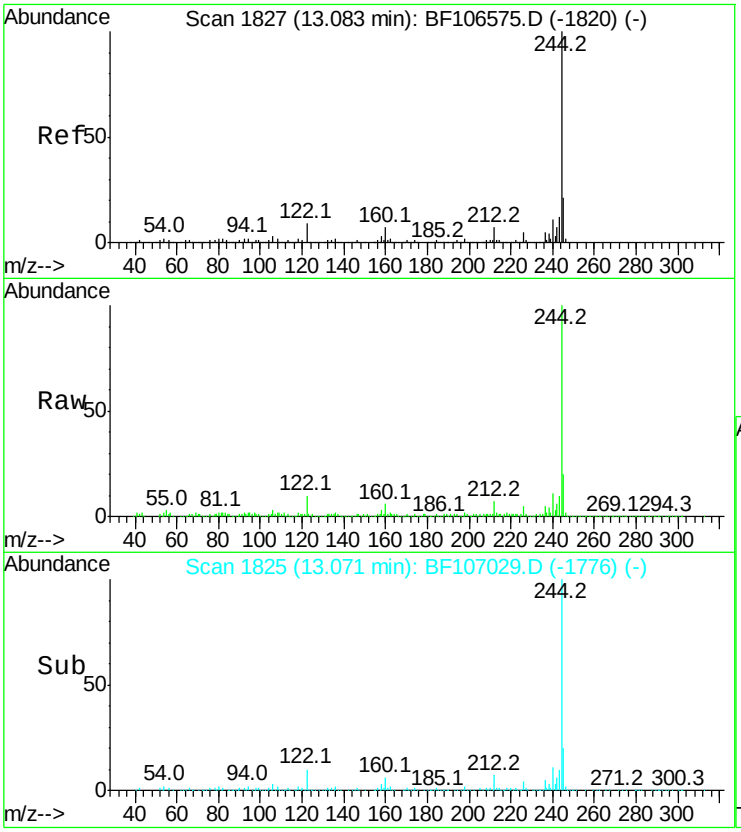


#77
Pyrene
Concen: 94.243 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:202 Resp: 942972

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	19.1	14.3	21.5



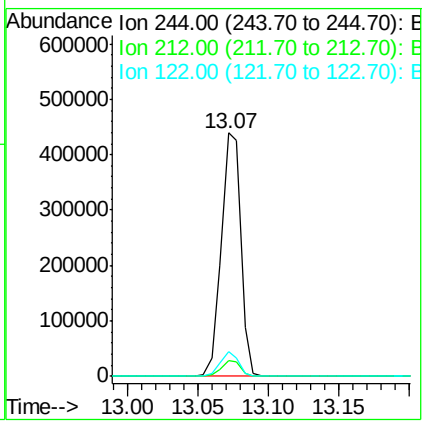


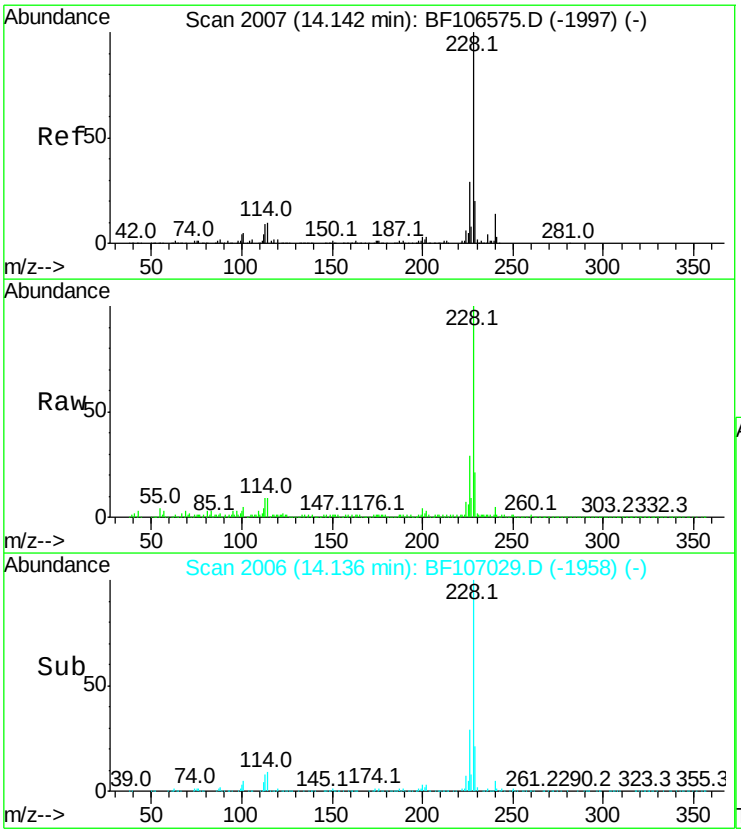
#78
Terphenyl-d14
Concen: 67.451 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 422515

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.9	11.0	16.4#

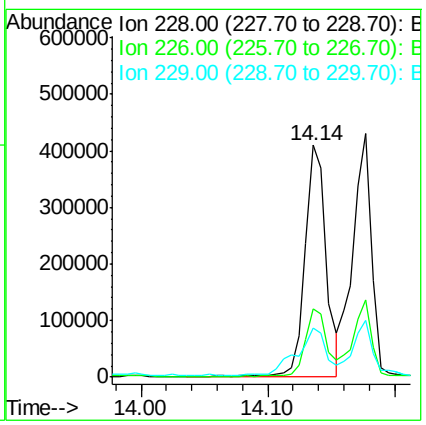


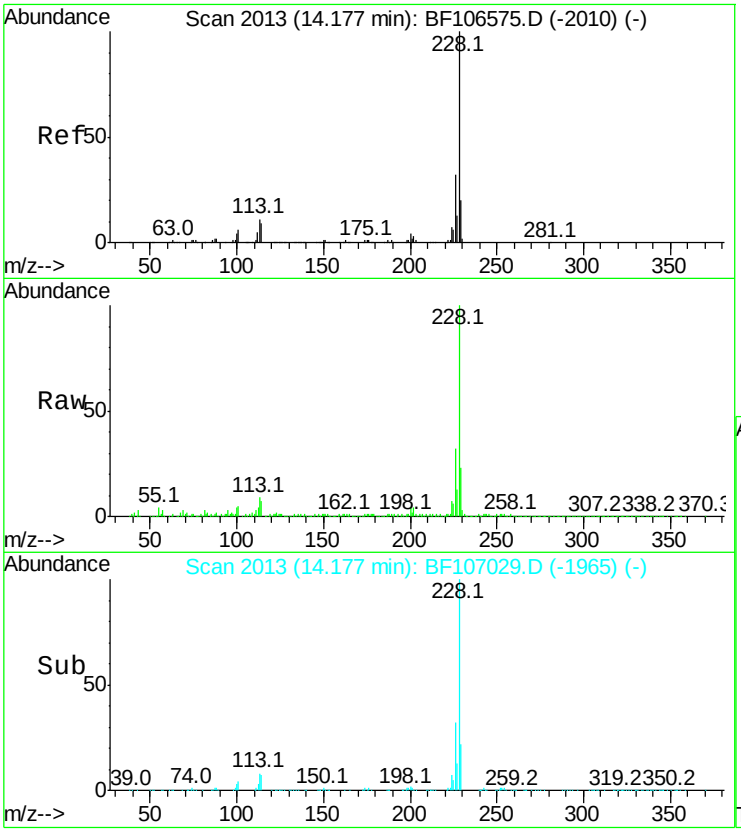


#80
Benzo(a)anthracene
Concen: 50.638 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:228 Resp: 468285

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.3	15.8	23.6



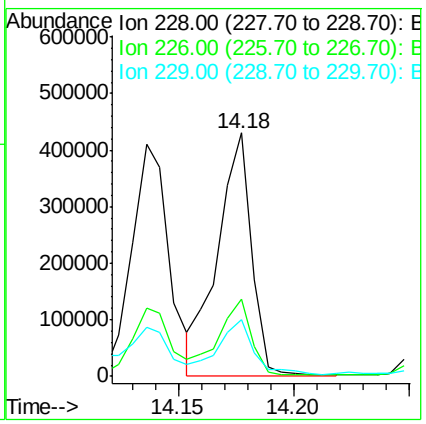


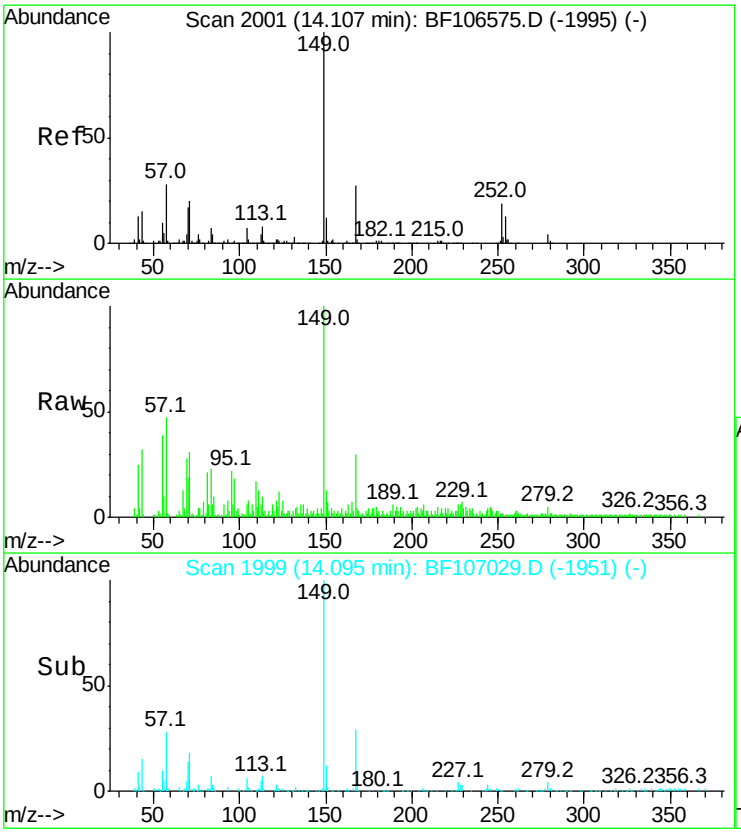
#82
Chrysene
Concen: 51.454 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 437762

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	23.2	16.2	24.4

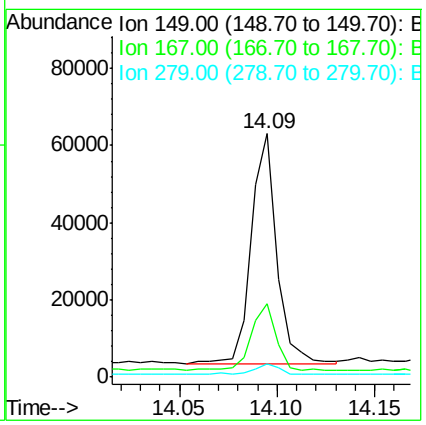


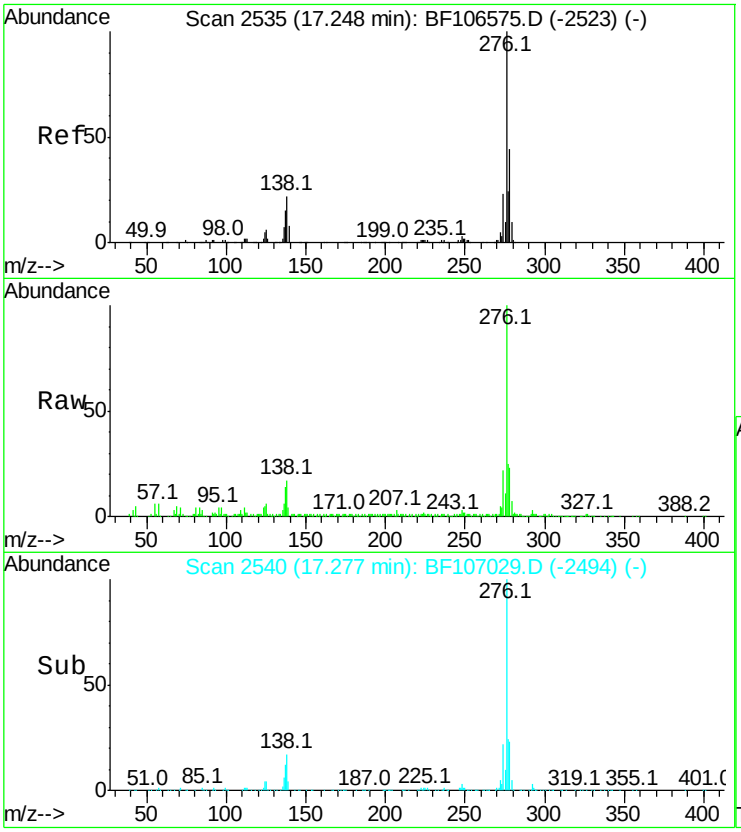


#83
Bis(2-ethylhexyl)phthalate
Concen: 10.387 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:149 Resp: 54628

Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.3	31.9
279	5.2	3.0	4.4#



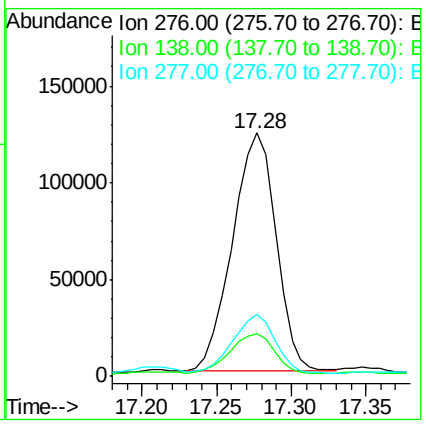


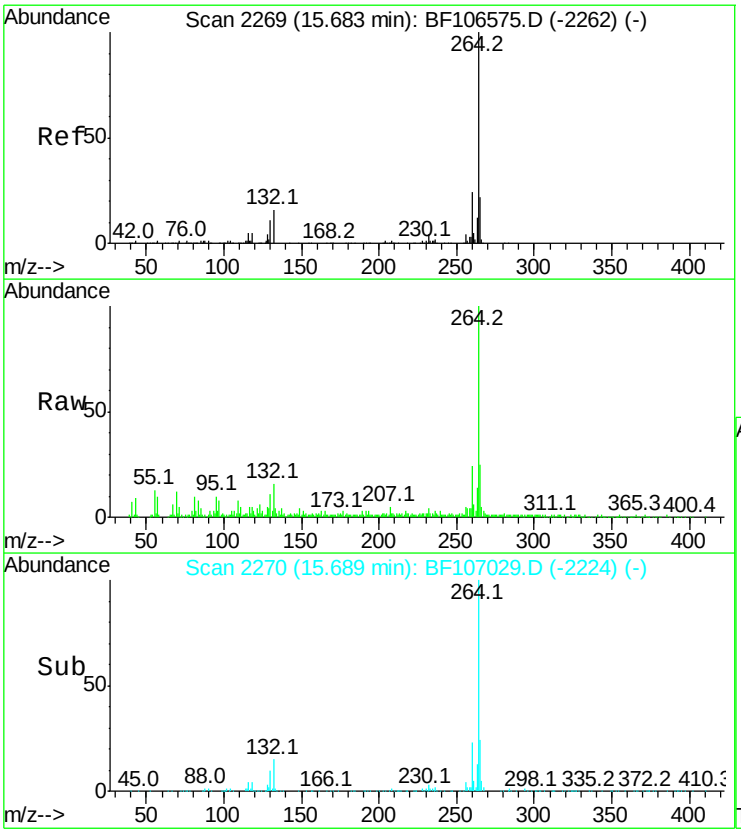
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.786 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 251157

Ion	Ratio	Lower	Upper
276	100		
138	17.6	25.0	37.6#
277	24.2	20.1	30.1

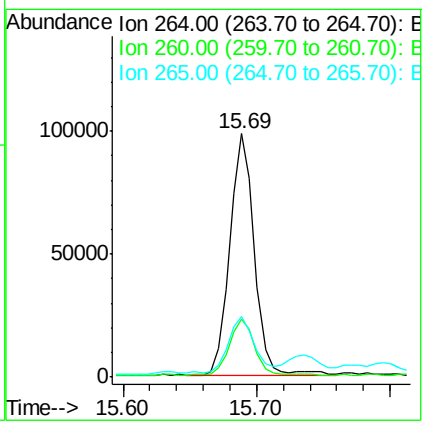


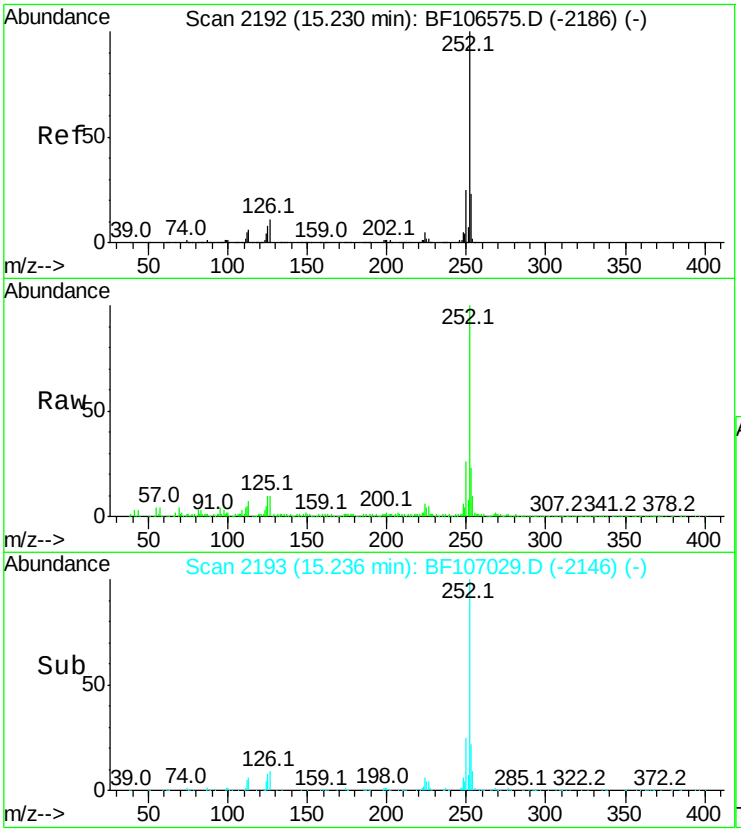


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:264 Resp: 126789

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	24.9	17.5	26.3



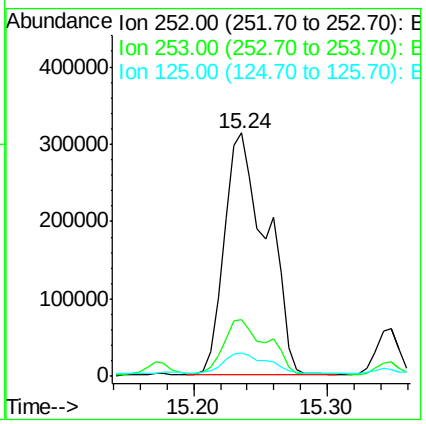


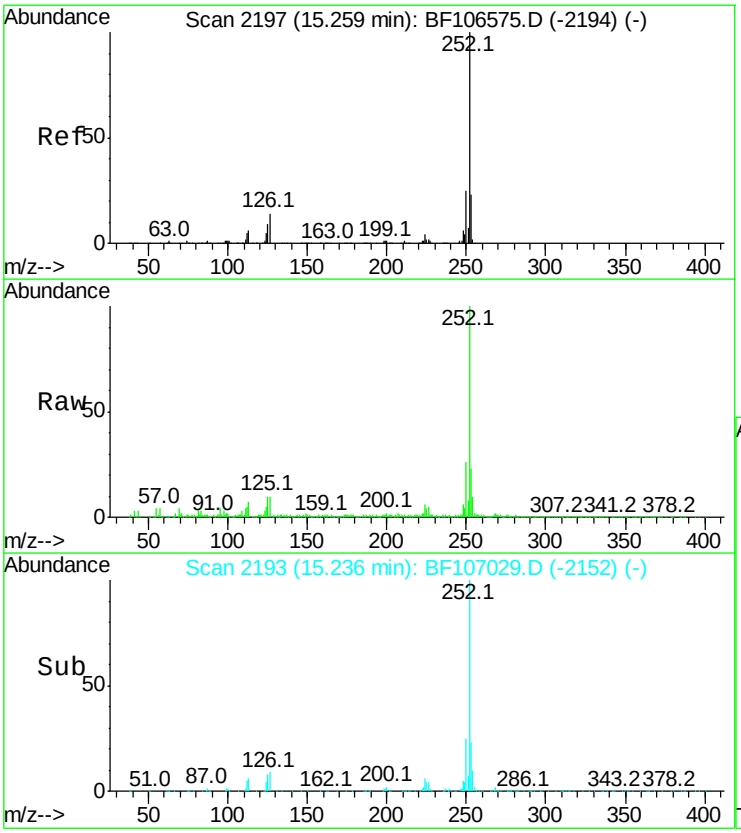
#87
Benzo(b)fluoranthene
Concen: 87.809 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 691588

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.6	9.0	13.6

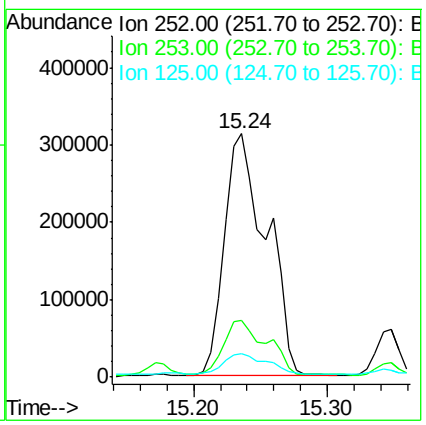


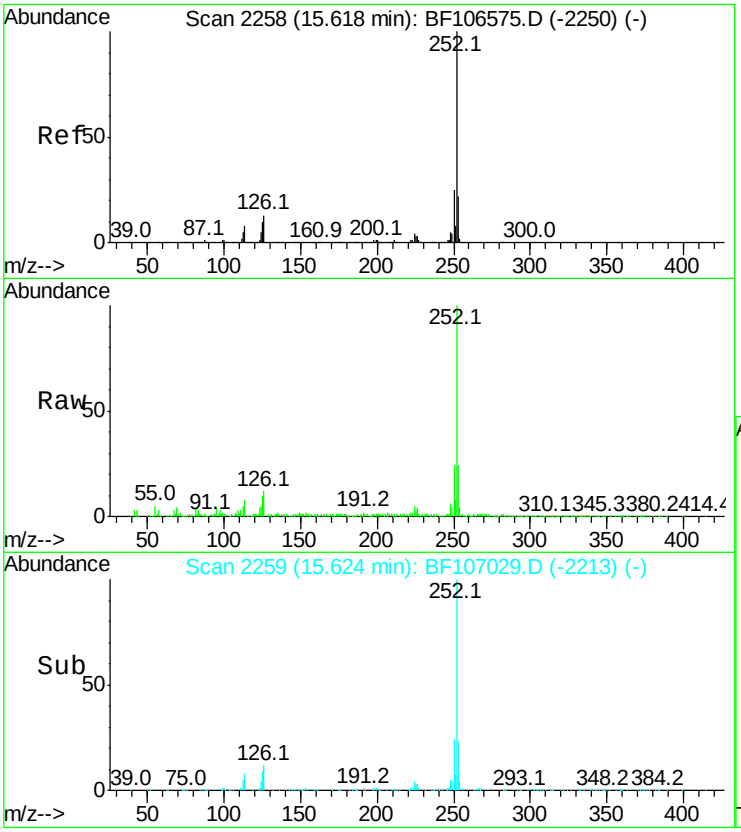


#88
Benzo(k)fluoranthene
Concen: 92.207 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:252 Resp: 691588

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	9.6	10.2	15.2#



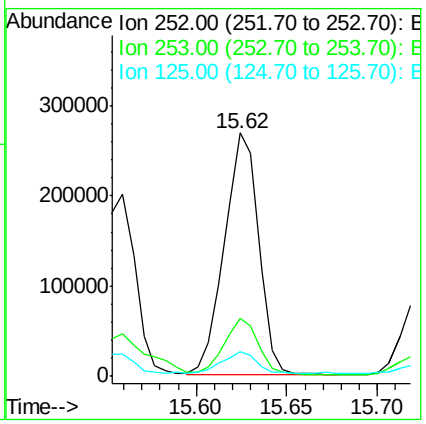


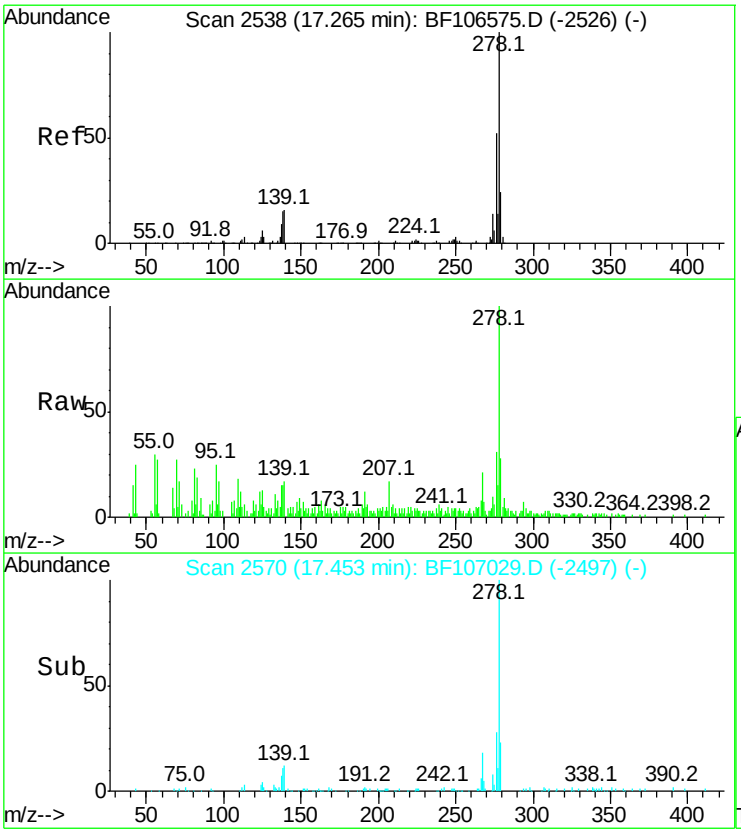
#89
Benzo(a)pyrene
Concen: 50.674 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 354798

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.0	9.8	14.6

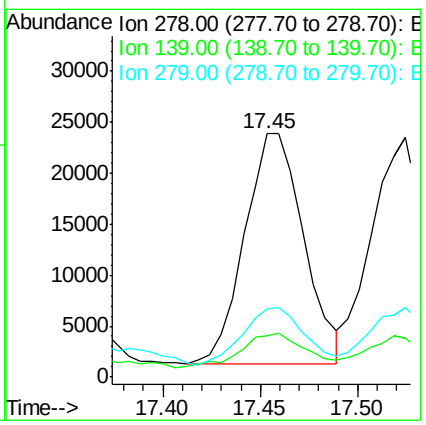


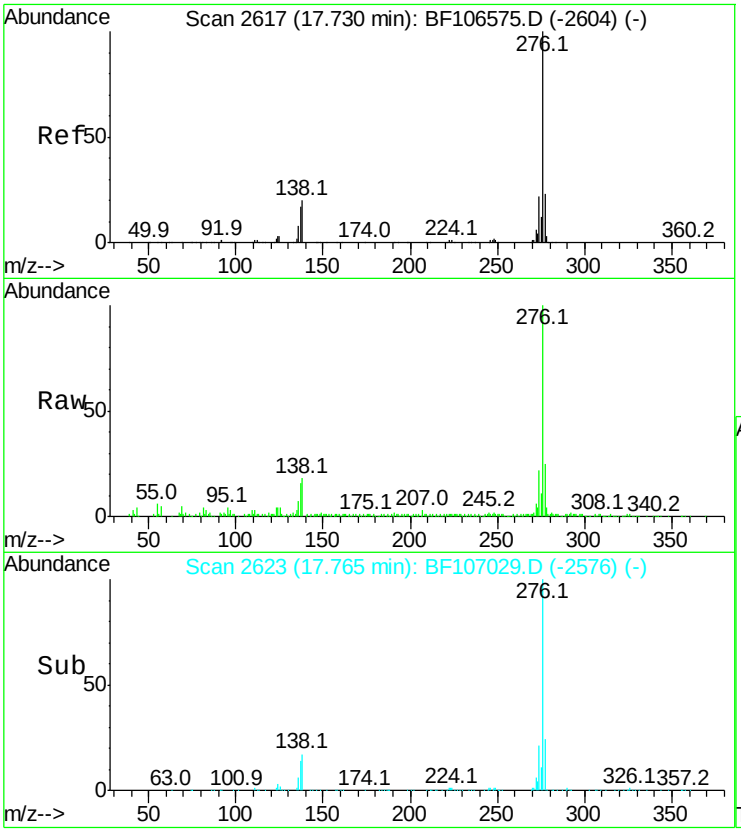


#90
Dibenzo(a,h)anthracene
Concen: 7.975 ng
RT: 17.45 min Scan# 2570
Delta R.T. 0.13 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Tgt Ion:278 Resp: 47321

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.9	23.9
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 43.676 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107029.D
Acq: 30 Jun 2018 21:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 253312

Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	17.7	21.8	32.8#