Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
Data File : BF107203.D
Acq On : 7 Jul 2018 13:49
Operator : JU/SJ
Sample : J3881-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SURCHARGE-SP-21

Quant Time: Jul 09 02:12:55 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	6.94	152	57210	20.00	ng		-0.02
21) Naphthalene-d8	8.22	136	216076	20.00	ng		-0.02
38) Acenaphthene-d10	9.98	164	100035	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	167380	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	164015	20.00	ng		-0.03
86) Perylene-d12	15.68	264	153629	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	325400	96.31	ng		-0.01
7) Phenol-d6	6.59	99	397471	94.21	ng		-0.02
23) Nitrobenzene-d5	7.51	82	254375	65.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	103816	89.54	ng		-0.02
44) 2-Fluorobiphenyl	9.30	172	468345	78.04	ng		-0.02
78) Terphenyl-d14	13.06	244	453978	67.05	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.51	70	33163	11.924	ng	#	74
25) Isophorone	7.51	82	254373	37.127	ng	#	64
31) Naphthalene	8.25	128	20536	2.033	ng		97
49) Dimethylphthalate	9.70	163	68905	9.184	ng		99
51) Acenaphthene	10.02	154	15437	2.474	ng		98
55) 4-Nitrophenol	10.20	139	5451	4.272	ng	#	12
56) 2,4-Dinitrotoluene	9.98	165	13355	6.440	ng	#	21
57) Fluorene	10.54	166	15637	2.307	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	6305	3.156	ng	#	1
70) Phenanthrene	11.51	178	120962	14.983	ng		98
71) Anthracene	11.56	178	35627	4.324	ng		98
74) Fluoranthene	12.70	202	258243	29.022	ng		94
77) Pyrene	12.93	202	249431	23.062	ng		99
80) Benzo(a)anthracene	14.12	228	158902	15.896	ng		98
82) Chrysene	14.16	228	139318	15.149	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	64717	8.292	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	246657	25.846	ng		96
88) Benzo(k)fluoranthene	15.22	252	246657	27.141	ng	#	96
89) Benzo(a)pyrene	15.61	252	124944	14.727	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	18002	2.504	ng	#	88
91) Benzo(g,h,i)perylene	17.75	276	62495	8.893	ng	#	89

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

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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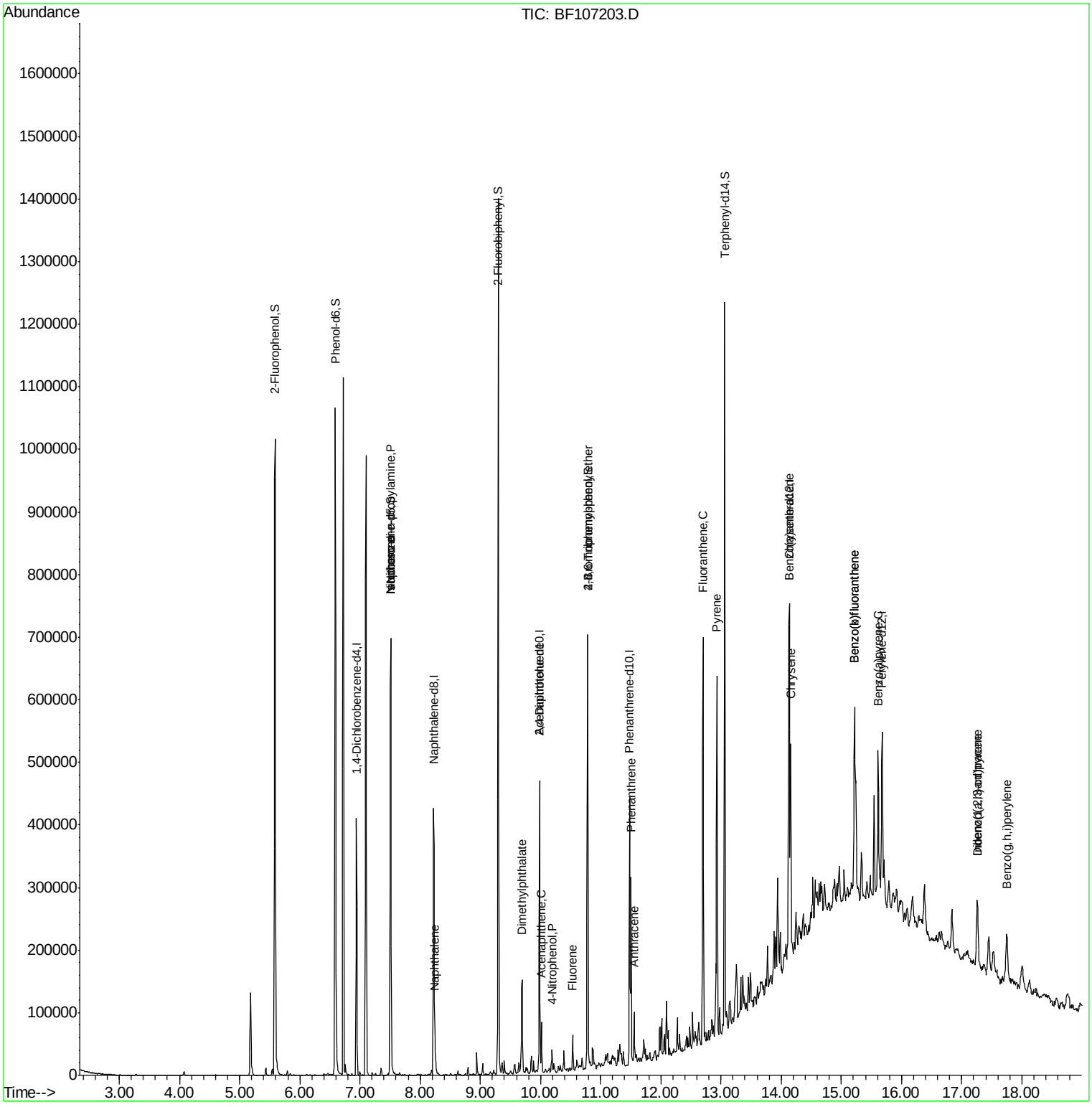
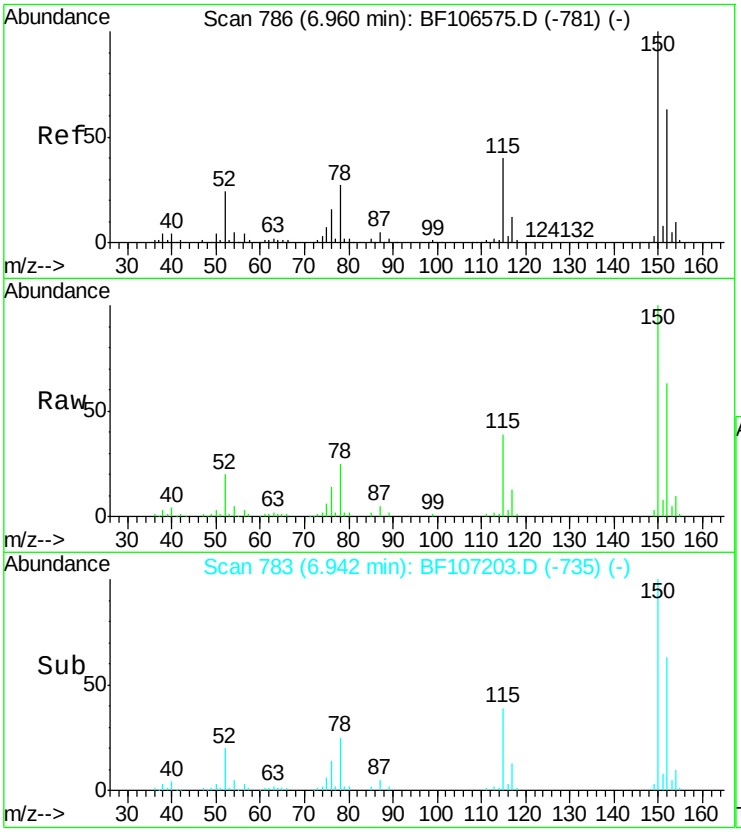


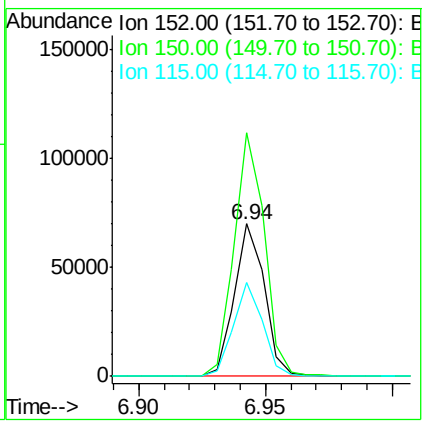


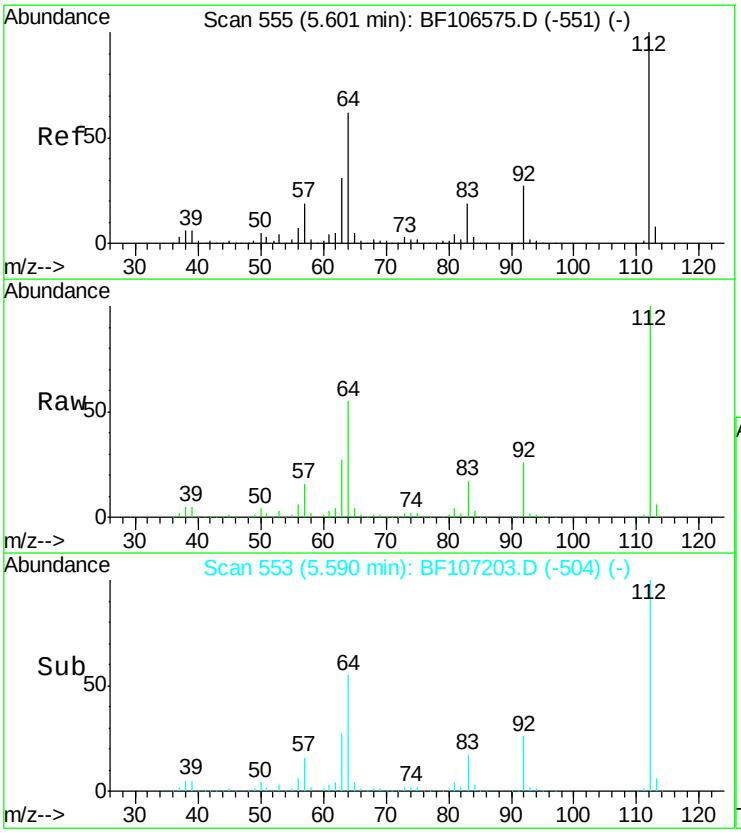
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:152 Resp: 57210

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	61.9	50.1	75.1

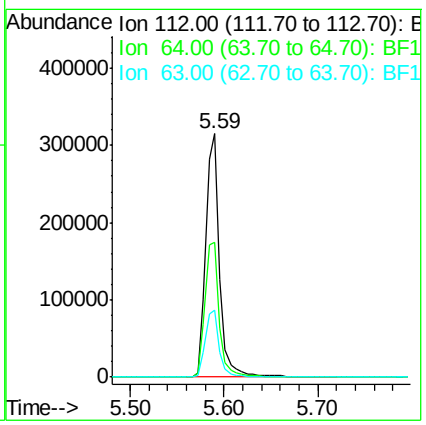


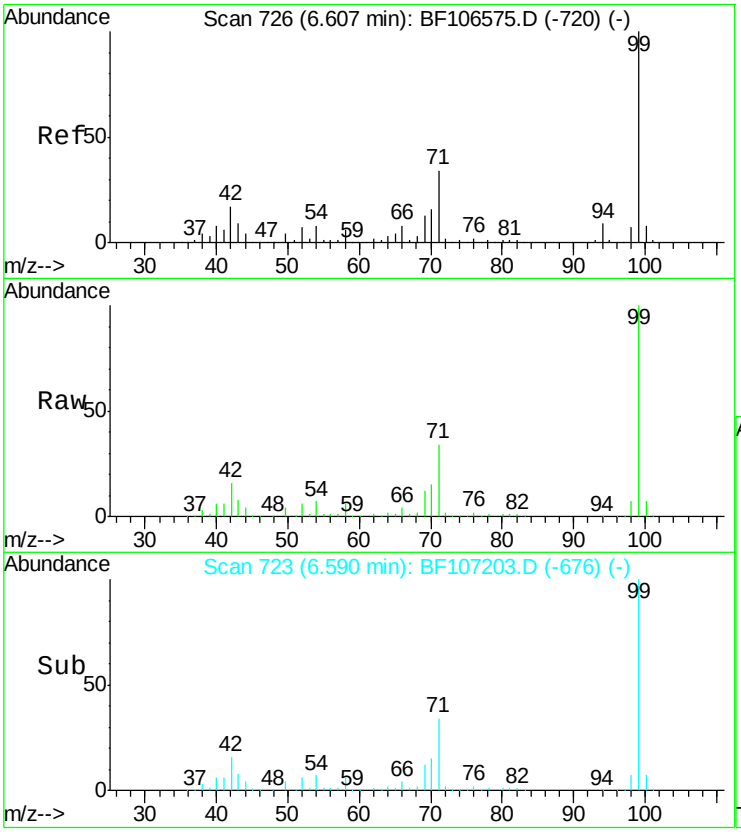


#5
2-Fluorophenol
Concen: 96.313 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:112 Resp: 325400

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.3	23.7	35.5



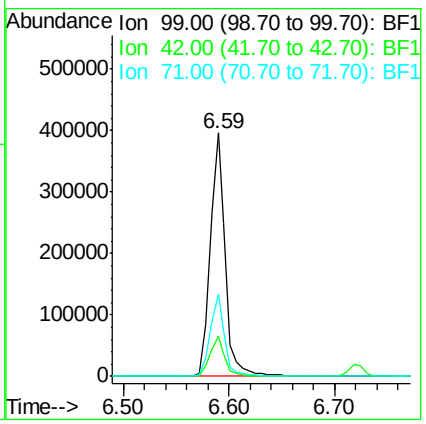


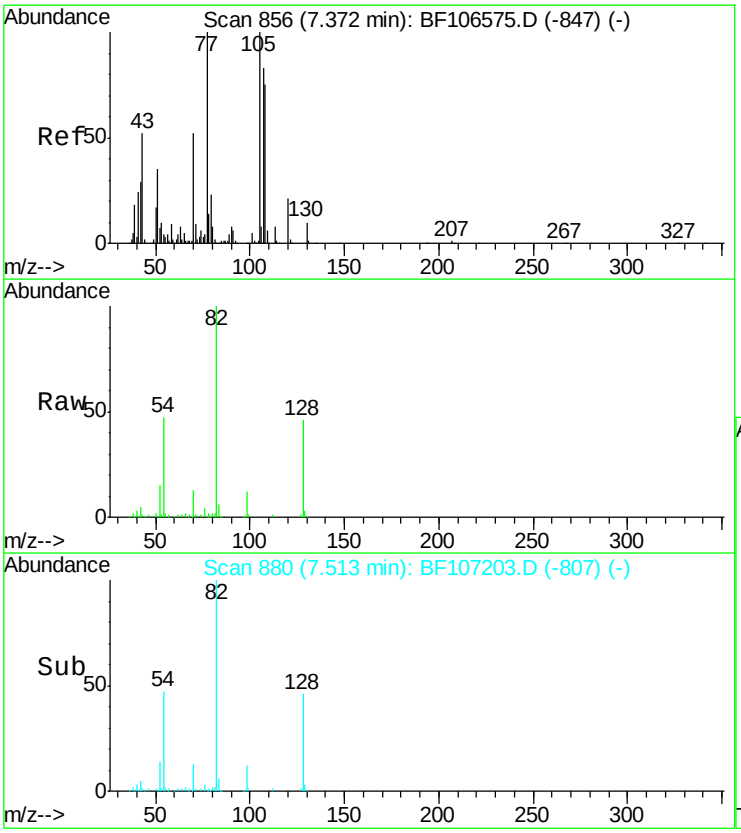
#7
Phenol-d6
Concen: 94.206 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion: 99 Resp: 397471

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.9	25.4	38.0

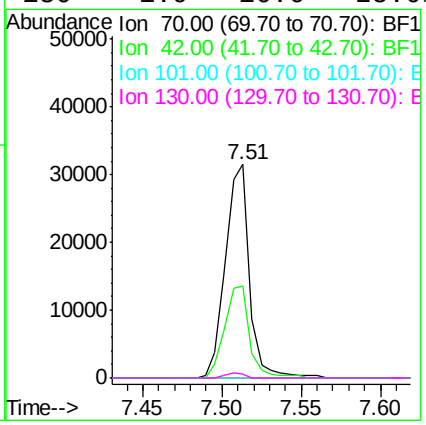


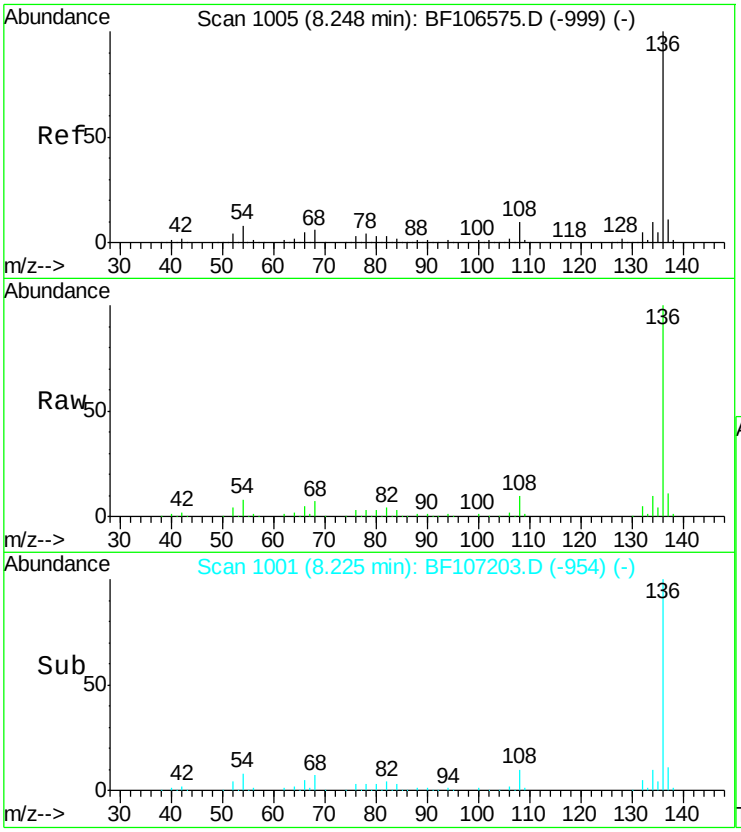


#19
n-Nitroso-di-n-propylamine
Concen: 11.924 ng
RT: 7.51 min Scan# 880
Delta R.T. 0.13 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion: 70 Resp: 33163

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



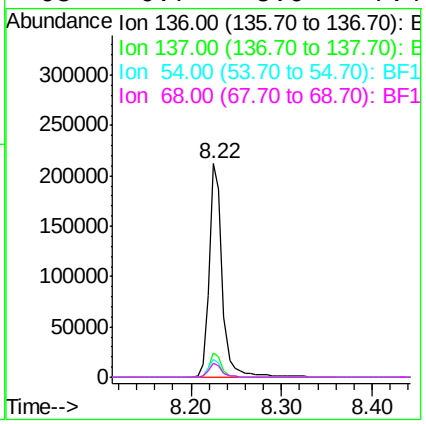


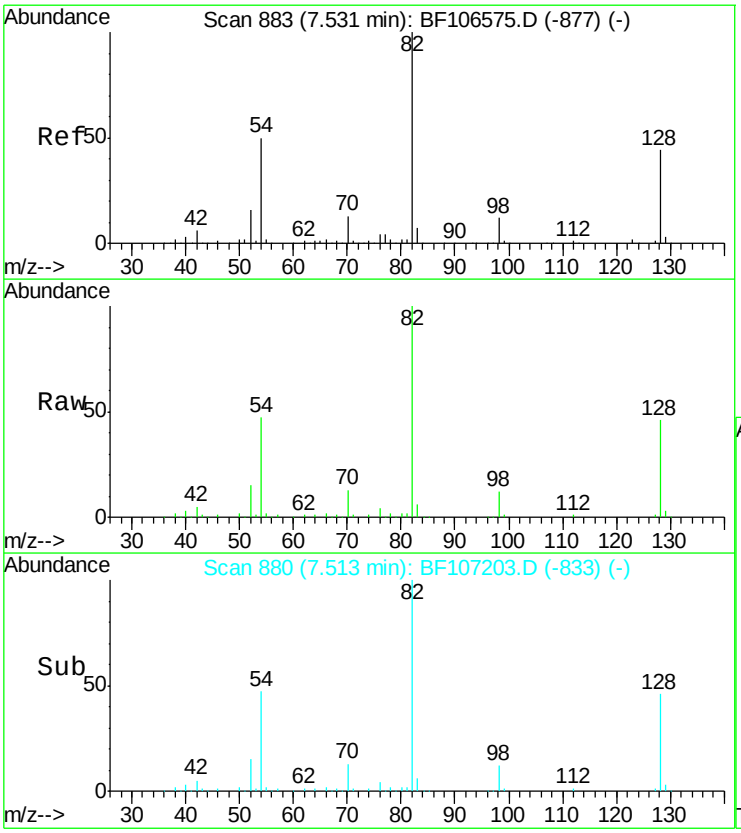
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:136 Resp: 216076

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

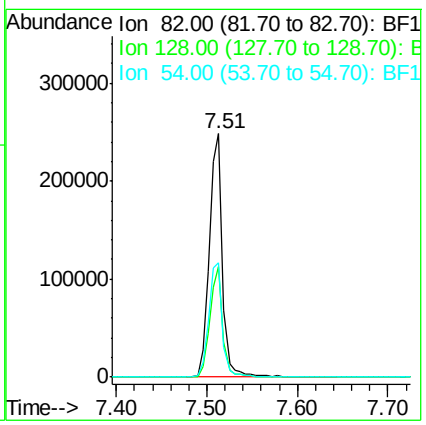


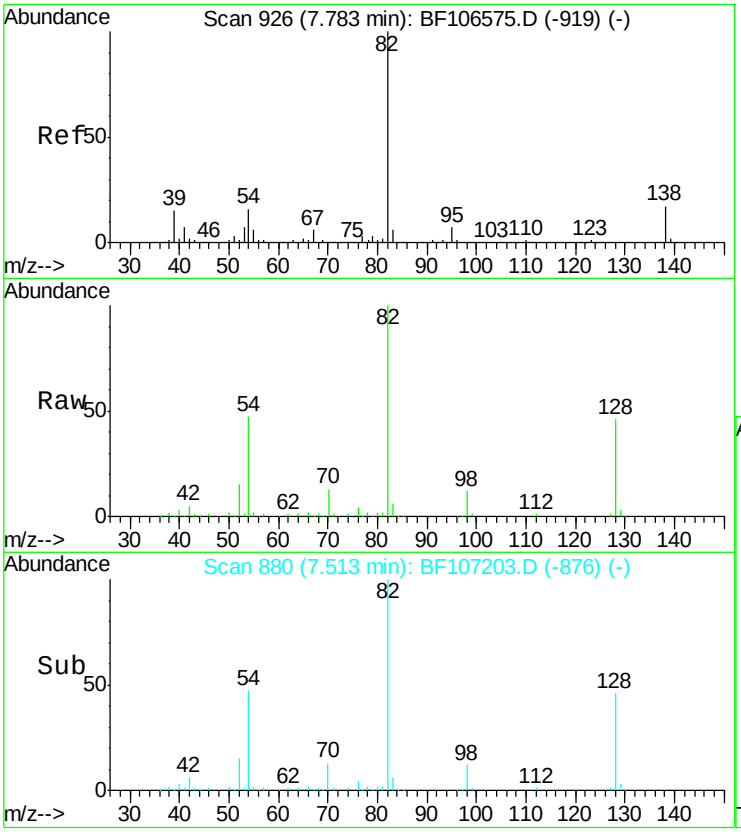


#23
Nitrobenzene-d5
Concen: 65.424 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion: 82 Resp: 254375

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.2	41.4	62.2



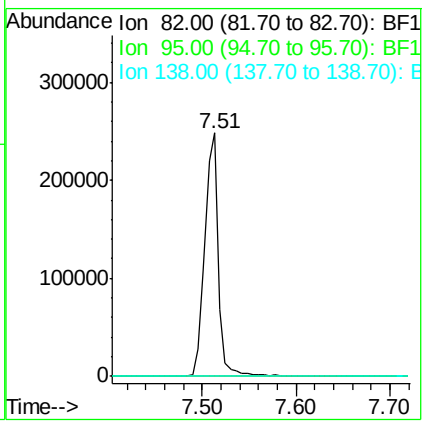


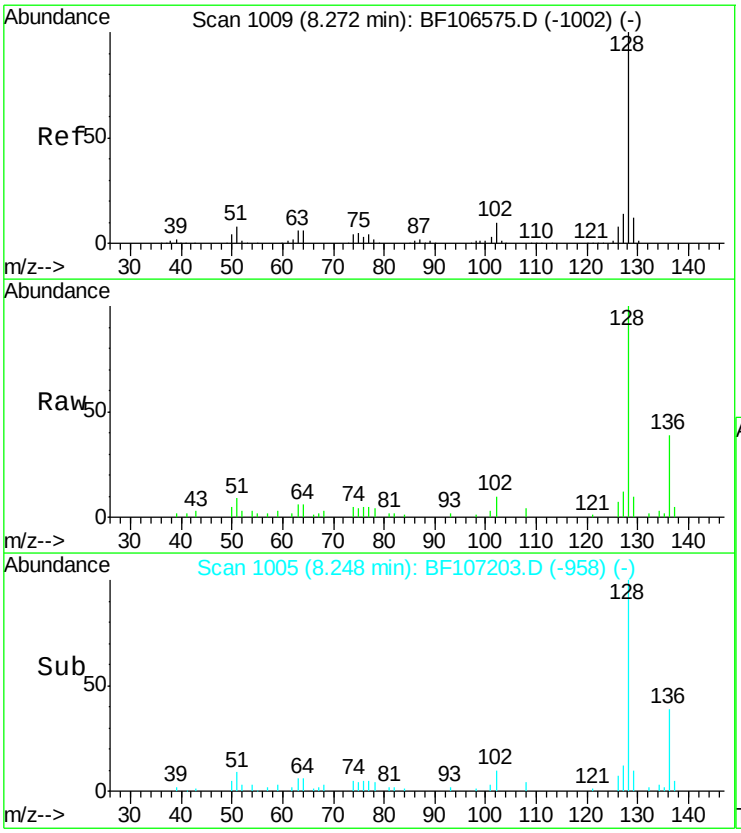
#25
Isophorone
Concen: 37.127 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion: 82 Resp: 254373

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

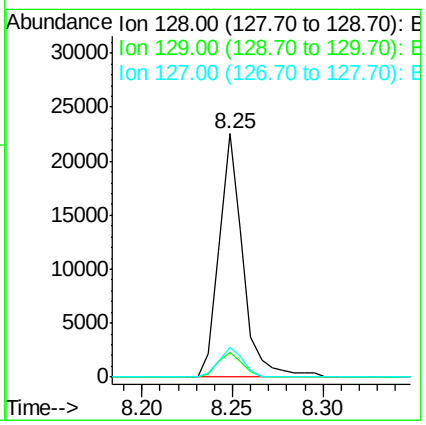


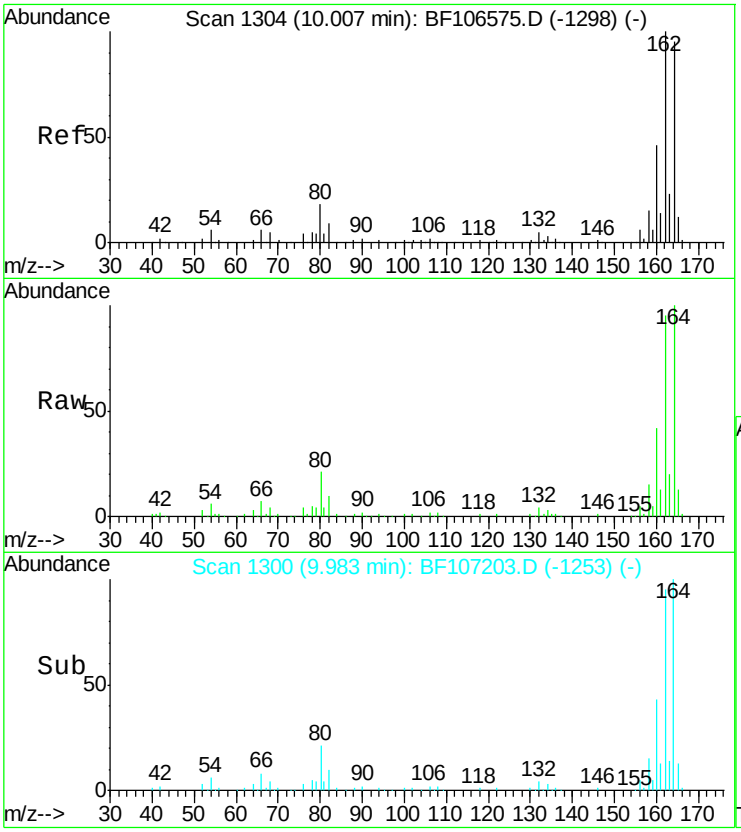


#31
Naphthalene
Concen: 2.033 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:128 Resp: 20536

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	12.3	10.9	16.3



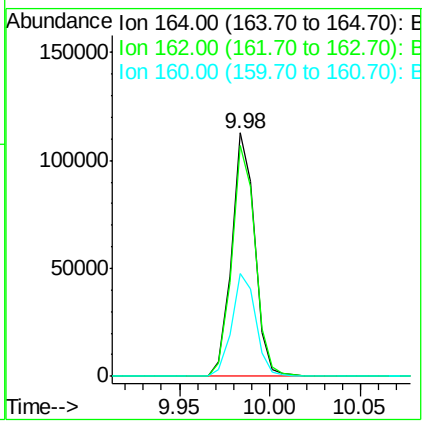


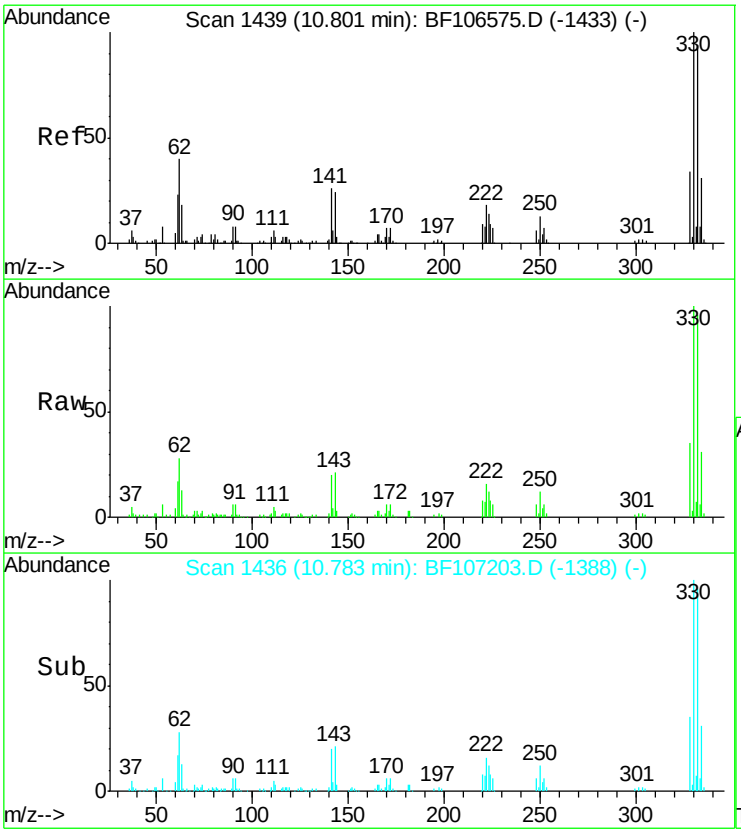
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:164 Resp: 100035

Ion	Ratio	Lower	Upper
164	100		
162	94.6	86.1	129.1
160	42.3	38.3	57.5

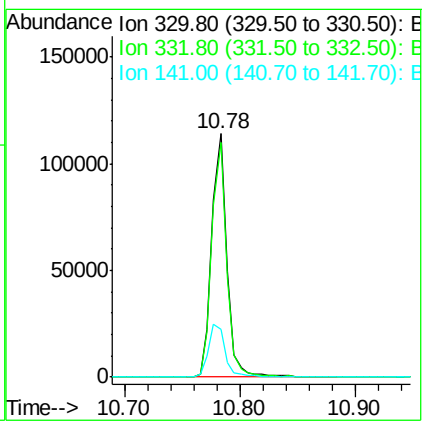


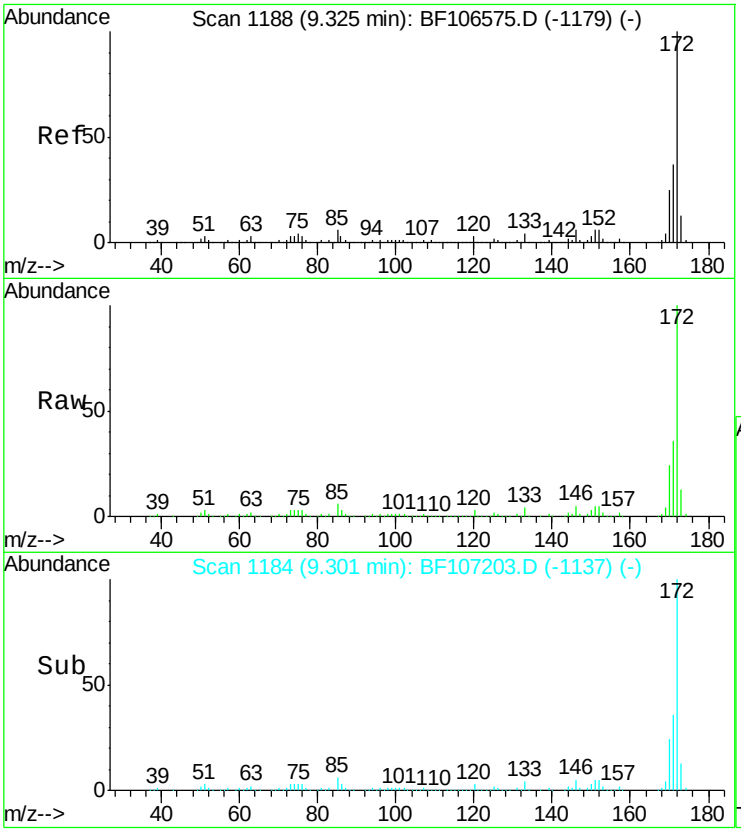


#41
2,4,6-Tribromophenol
Concen: 89.540 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:330 Resp: 103816

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	24.0	29.9	44.9#



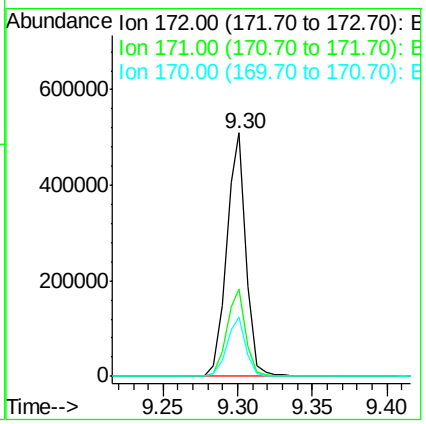


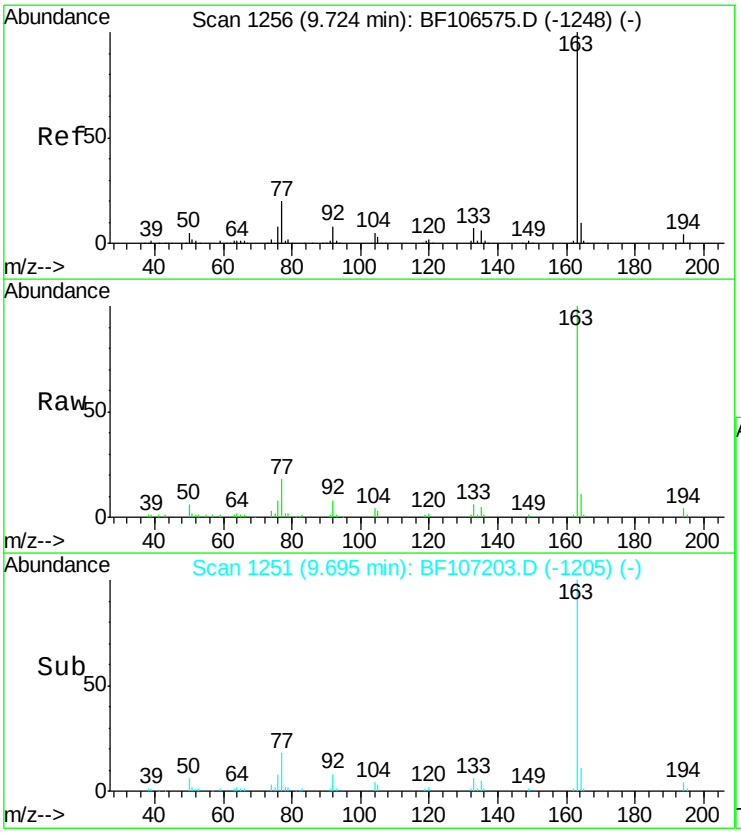
#44
2-Fluorobiphenyl
Concen: 78.037 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:172 Resp: 468345

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4

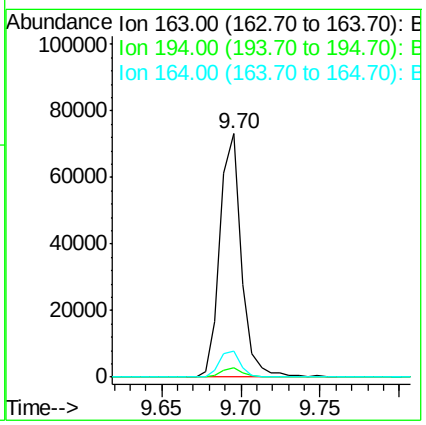


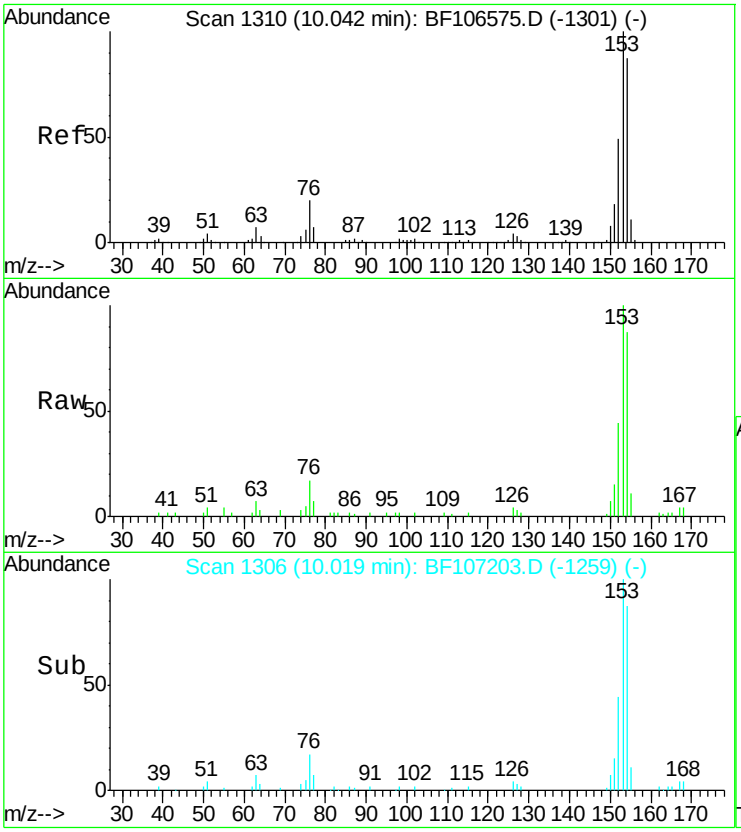


#49
Dimethylphthalate
Concen: 9.184 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:163 Resp: 68905

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	8.2	12.2



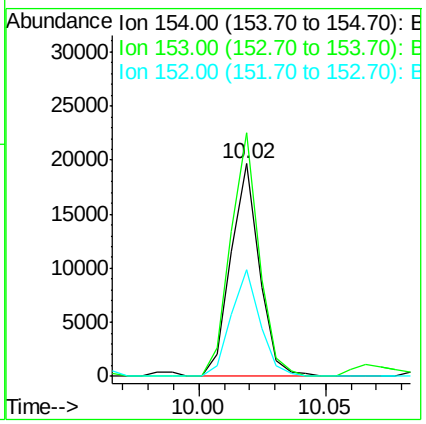


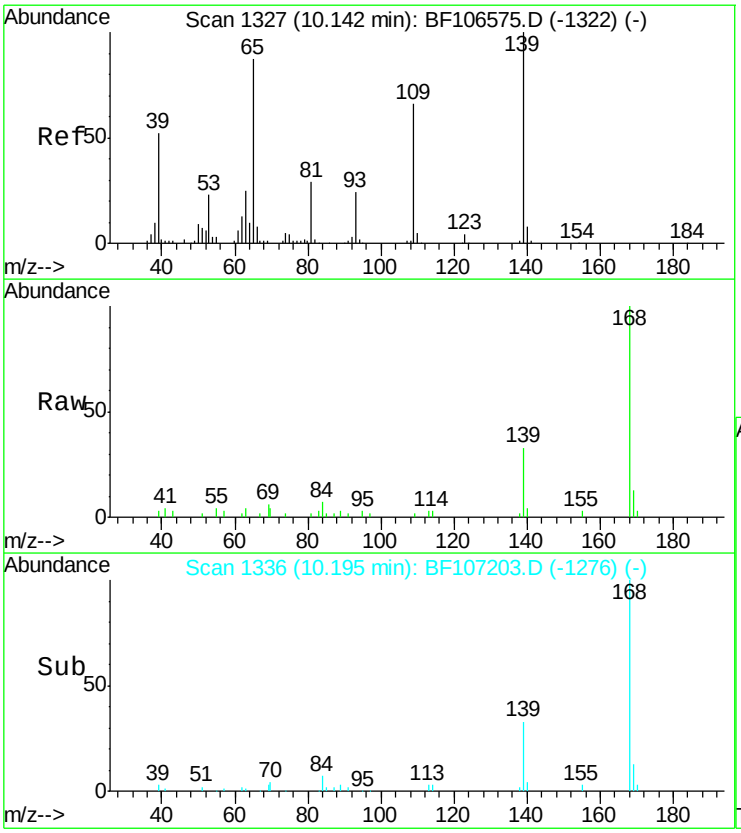
#51
Acenaphthene
Concen: 2.474 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:154 Resp: 15437

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	50.2	43.8	65.8

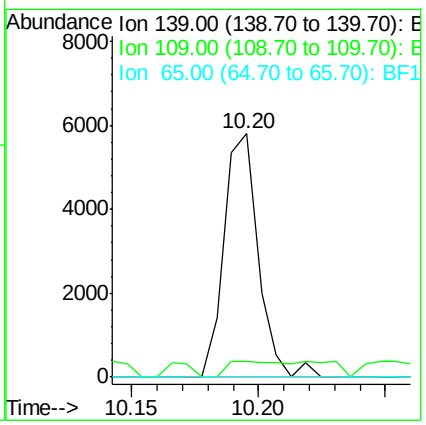


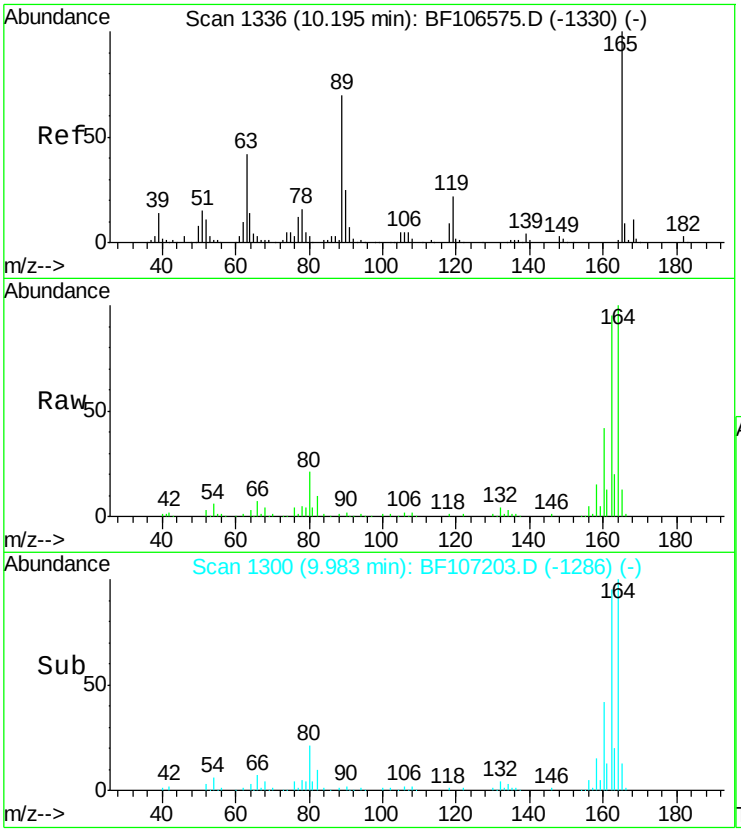


#55
4-Nitrophenol
Concen: 4.272 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:139 Resp: 5451

Ion	Ratio	Lower	Upper
139	100		
109	6.5	48.4	88.4#
65	0.0	72.6	112.6#



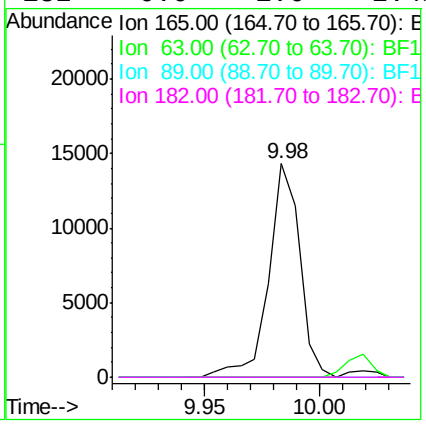


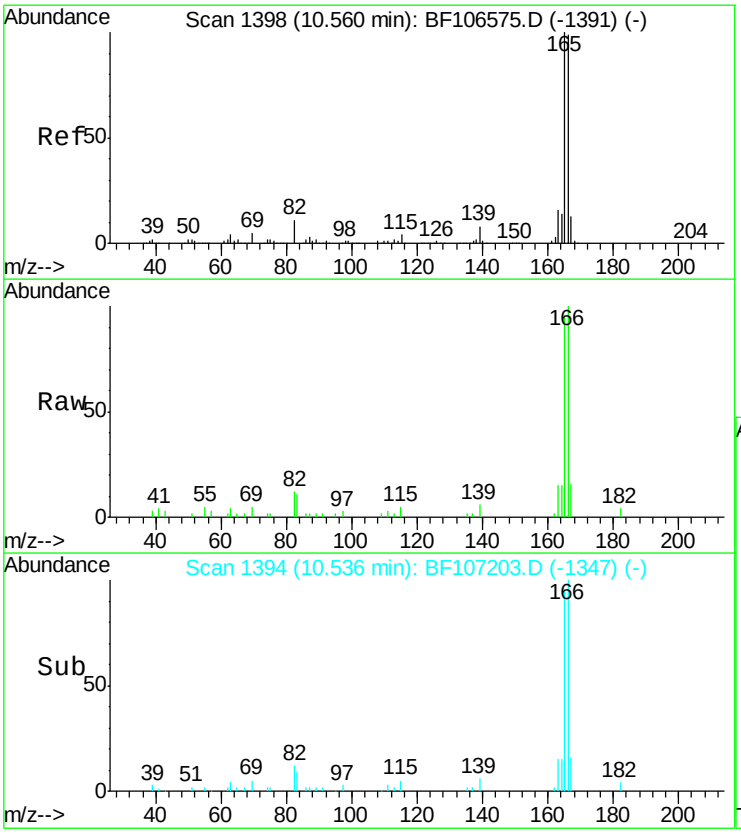
#56
2,4-Dinitrotoluene
Concen: 6.440 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:165 Resp: 13355

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#

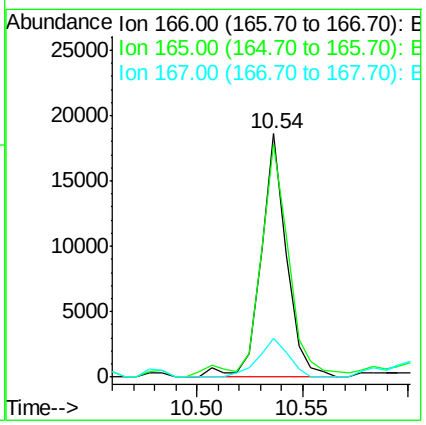


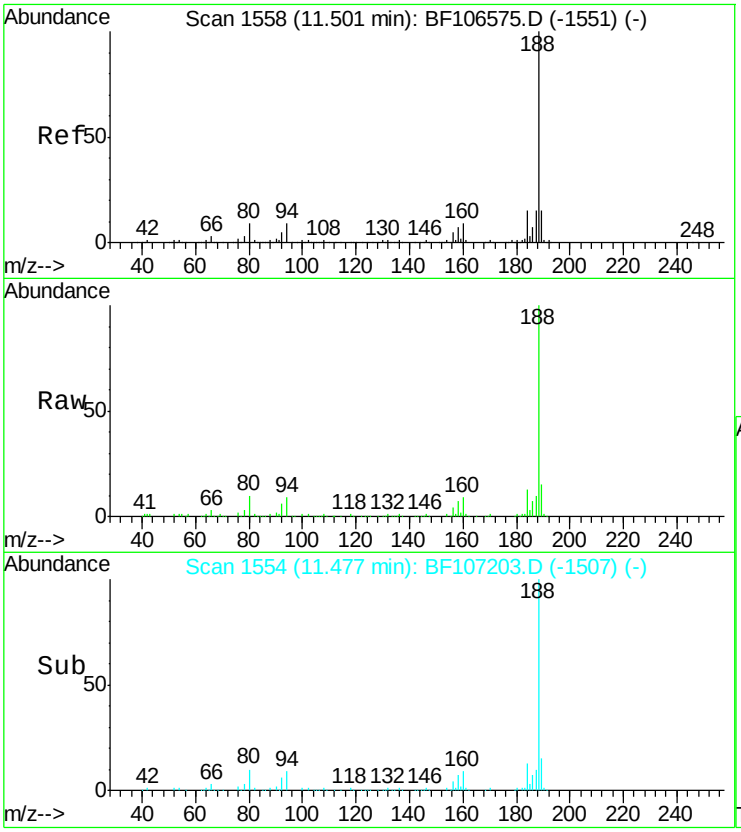


#57
Fluorene
Concen: 2.307 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:166 Resp: 15637

Ion	Ratio	Lower	Upper
166	100		
165	95.6	79.8	119.8
167	15.7	10.6	16.0



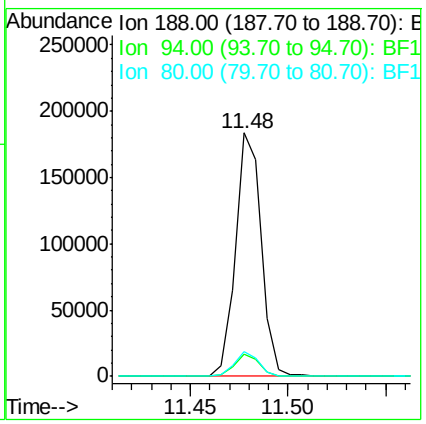


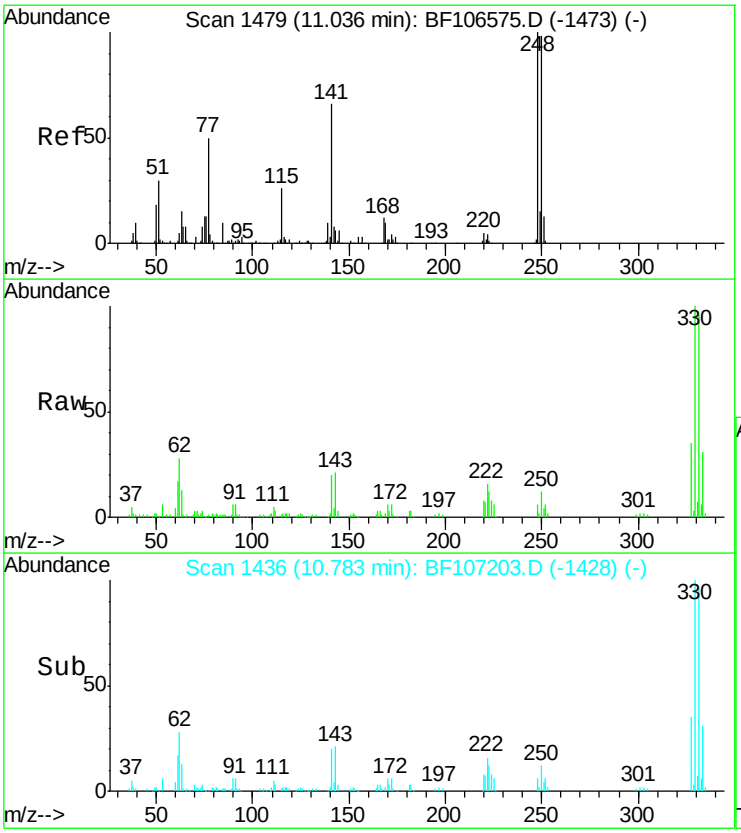
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:188 Resp: 167380

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.1	9.2	13.8

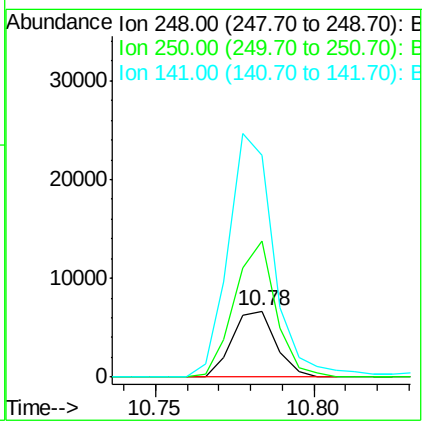


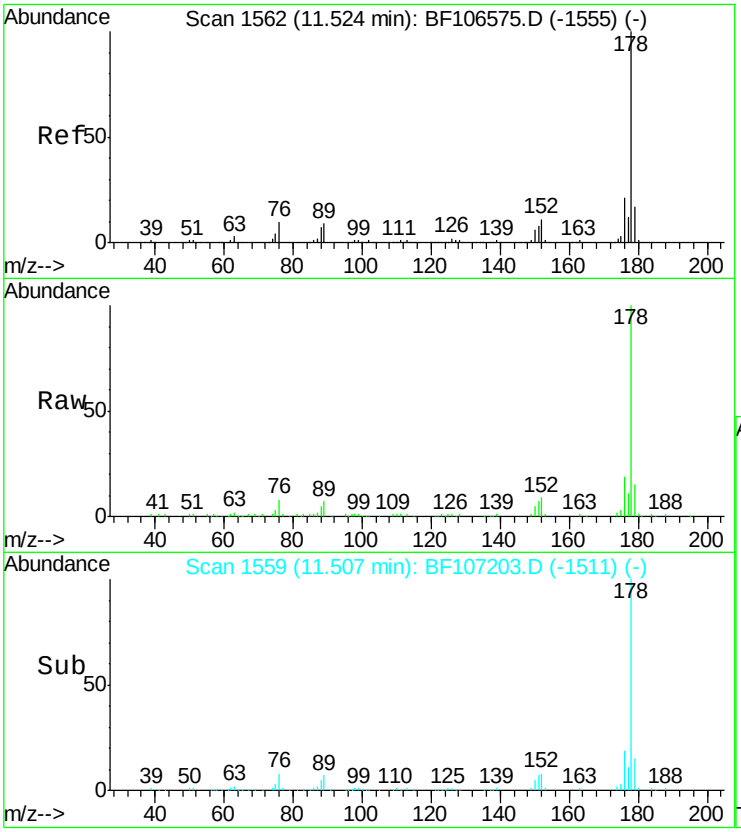


#66
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:248 Resp: 6305

Ion	Ratio	Lower	Upper
248	100		
250	205.5	76.9	115.3#
141	336.5	74.4	111.6#



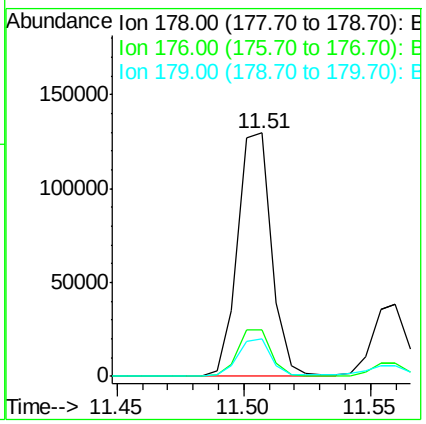


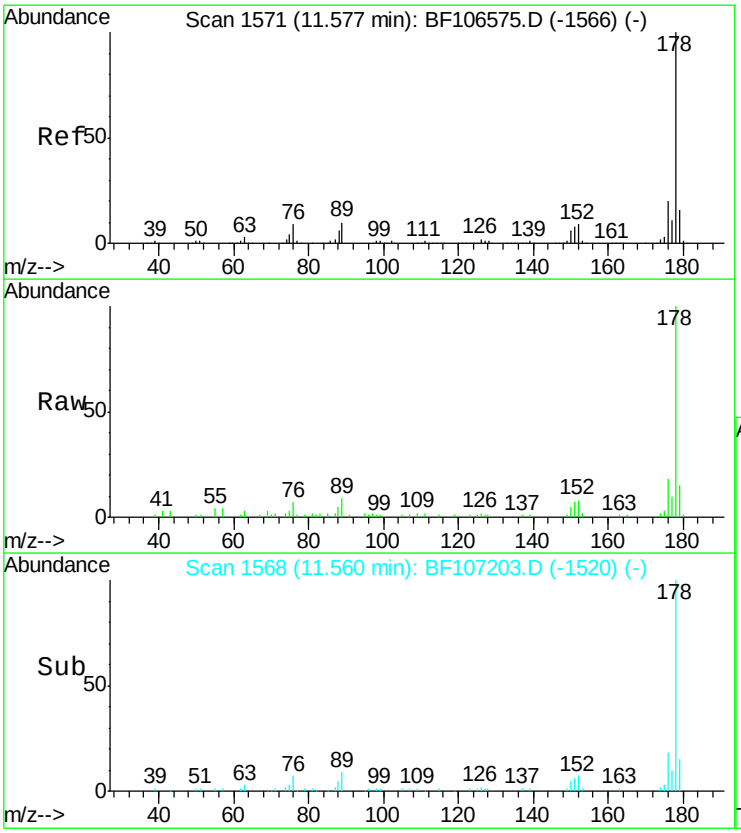
#70
Phenanthrene
Concen: 14.983 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:178 Resp: 120962

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.4	13.0	19.6

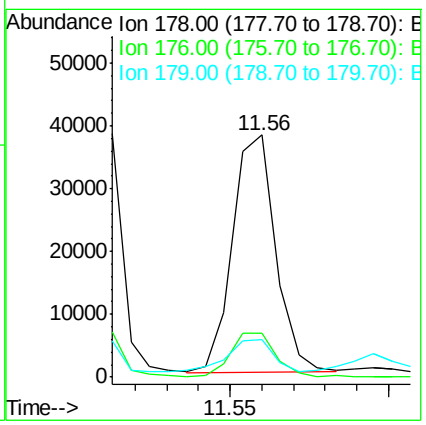


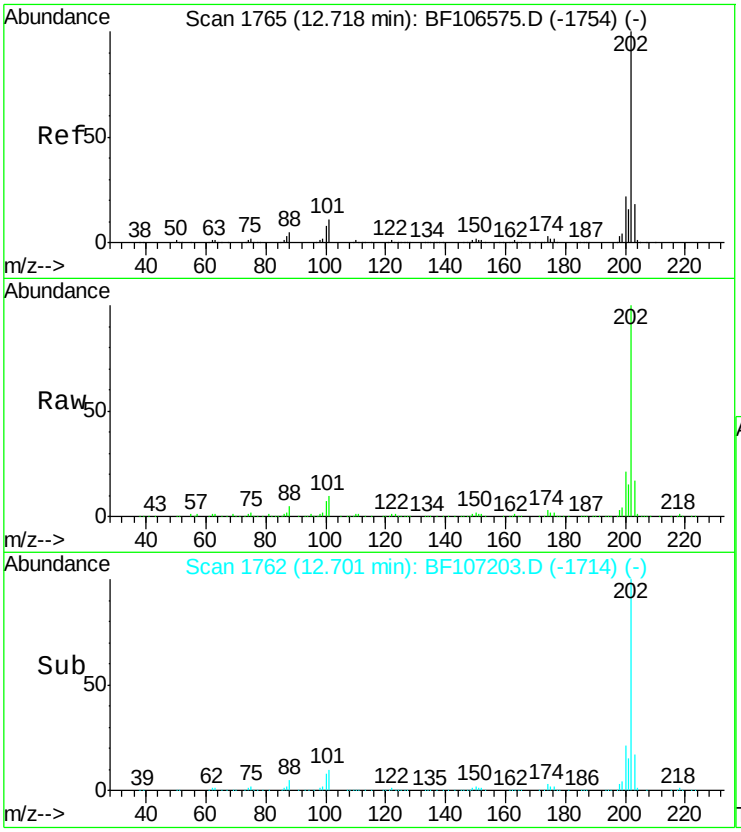


#71
Anthracene
Concen: 4.324 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:178 Resp: 35627

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0



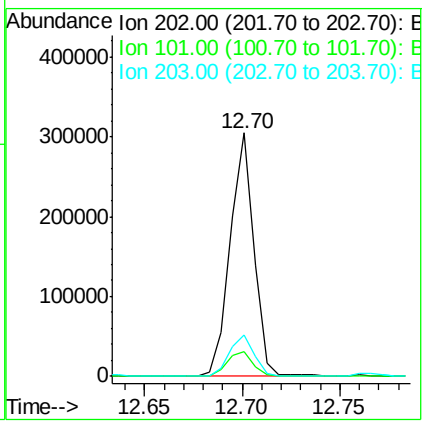


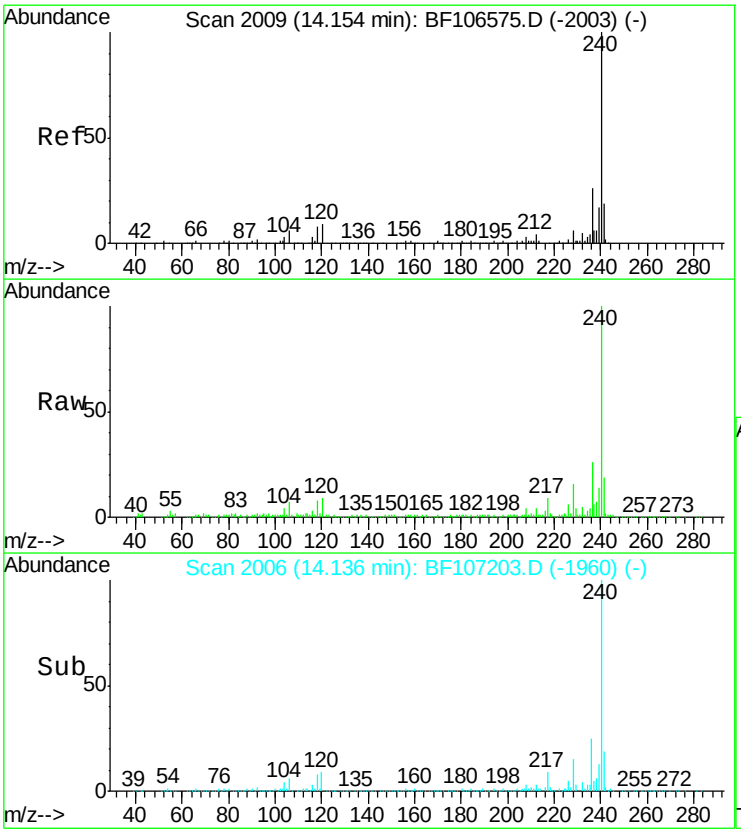
#74
Fluoranthene
Concen: 29.022 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:202 Resp: 258243

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.9	0.0	38.1

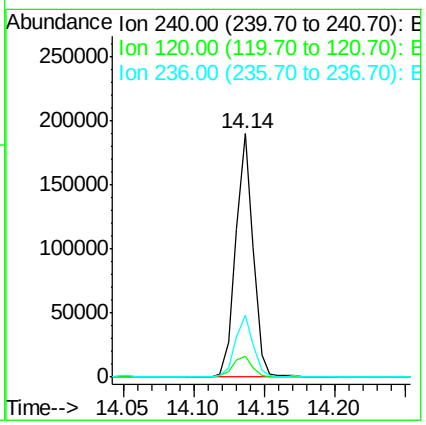


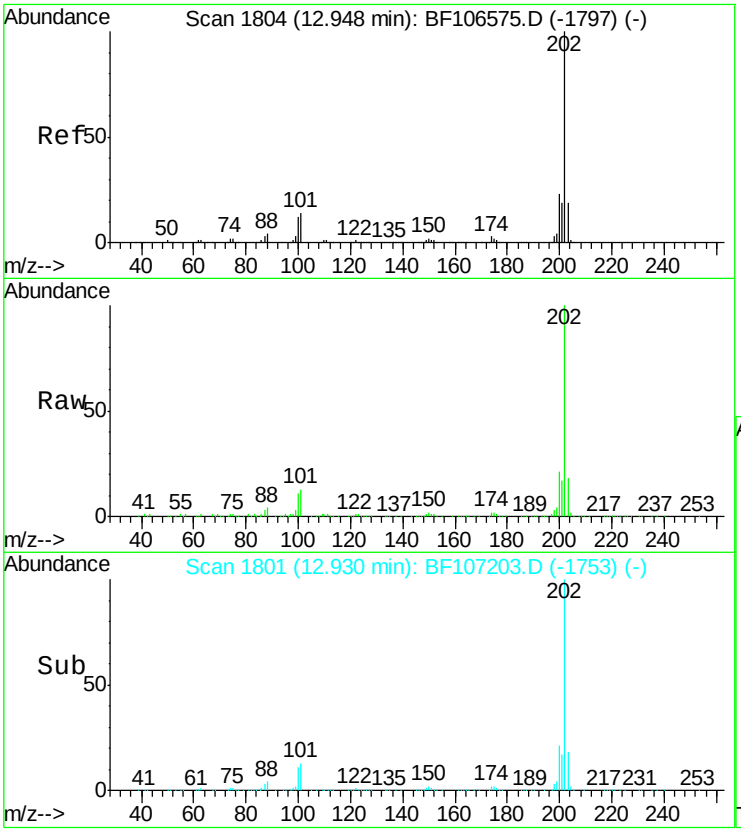


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:240 Resp: 164015

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.6	20.7	31.1



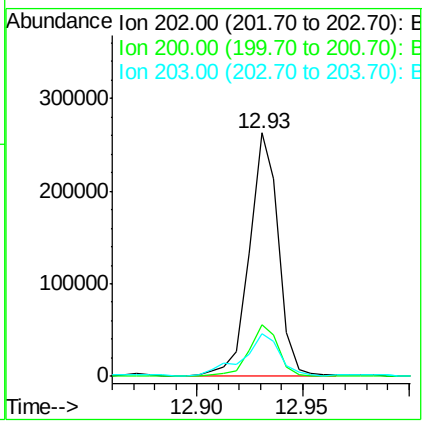


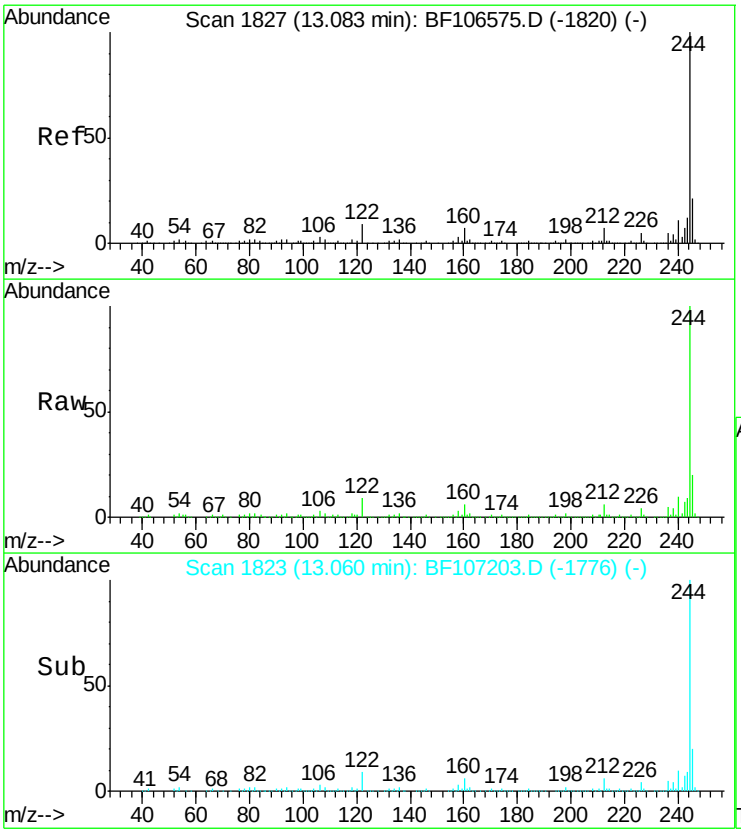
#77
Pyrene
Concen: 23.062 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:202 Resp: 249431

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

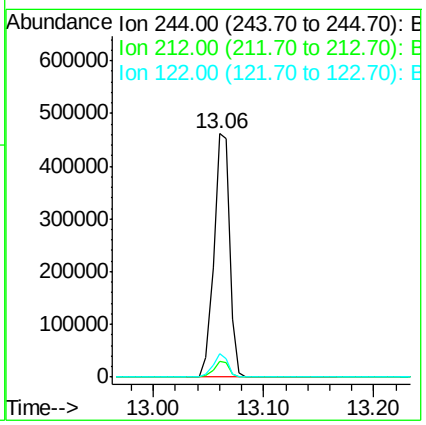


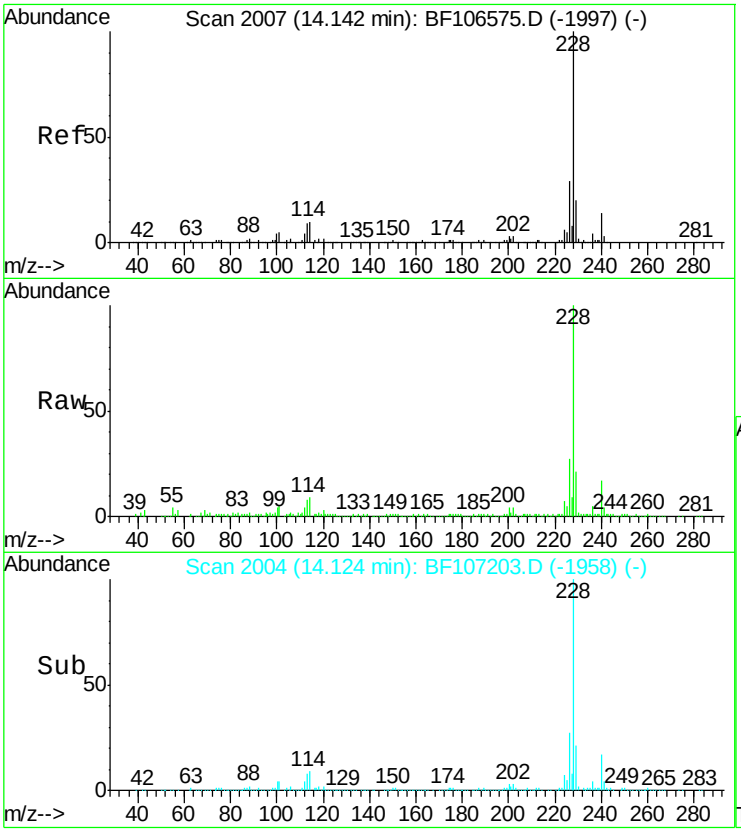


#78
Terphenyl-d14
Concen: 67.047 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:244 Resp: 453978

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.5	11.0	16.4#



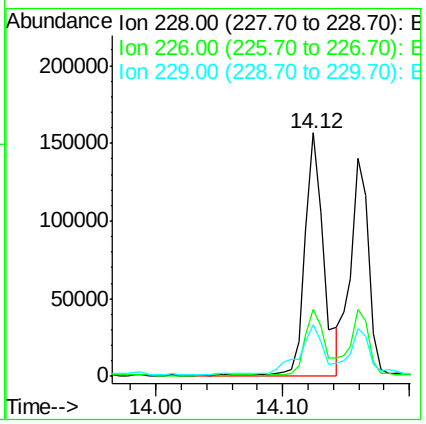


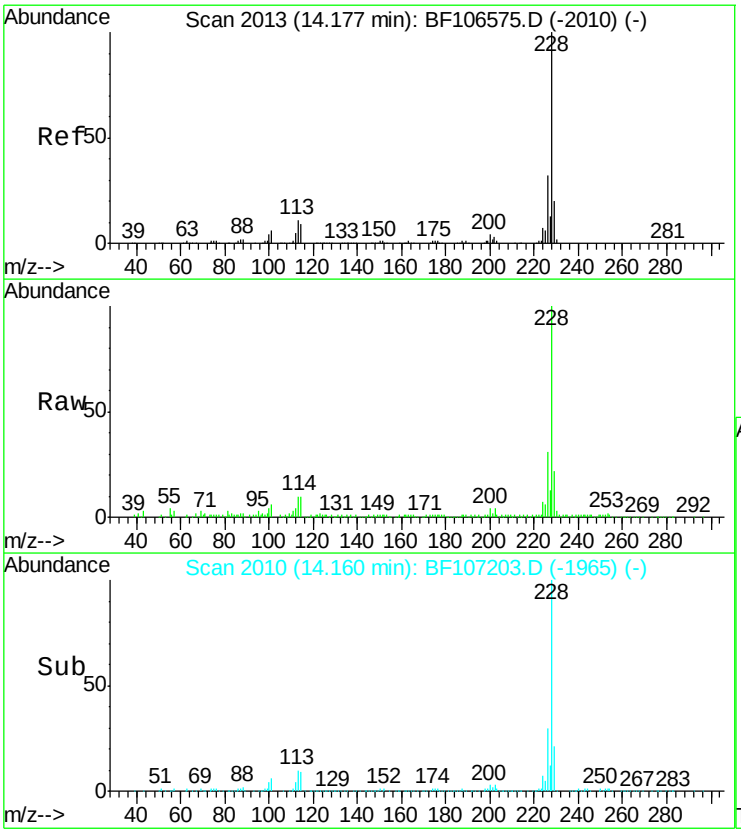
#80
Benzo(a)anthracene
Concen: 15.896 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:228 Resp: 158902

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	21.3	15.8	23.6

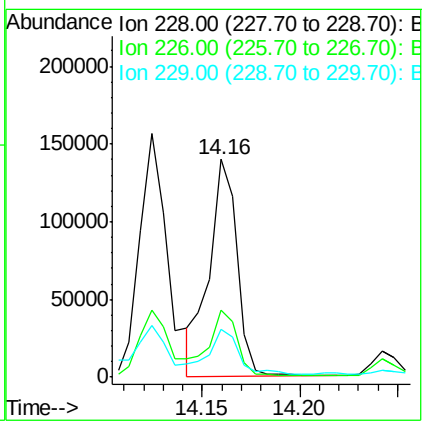


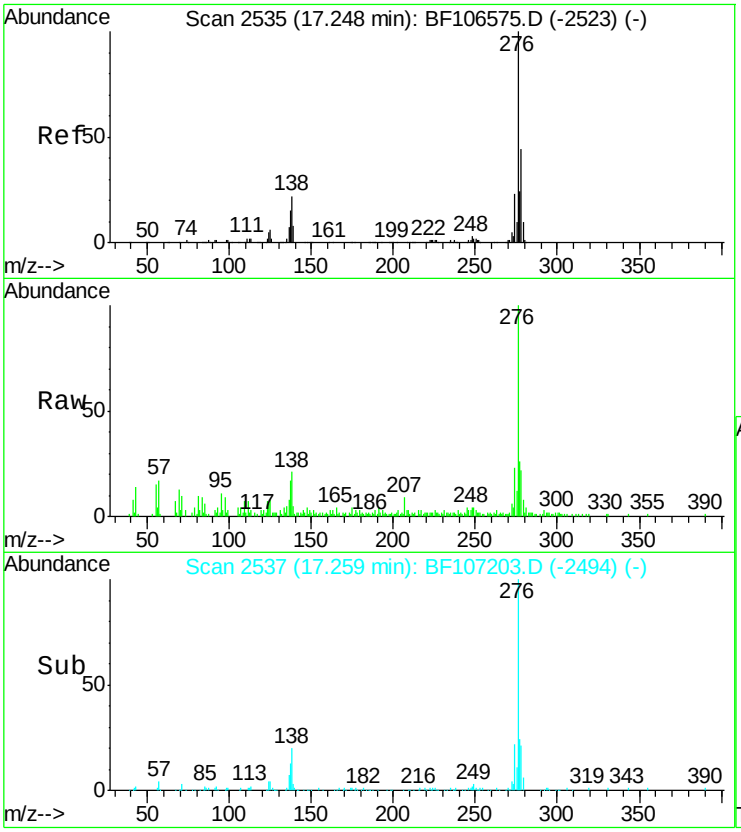


#82
Chrysene
Concen: 15.149 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.04 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:228 Resp: 139318

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.9	16.2	24.4



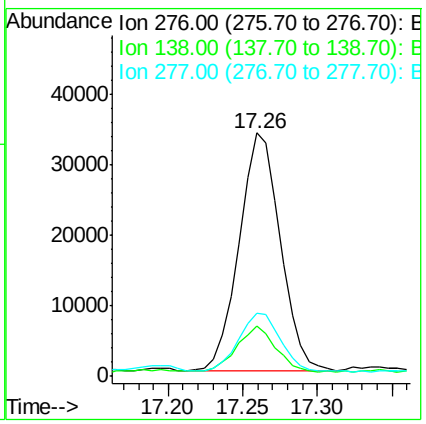


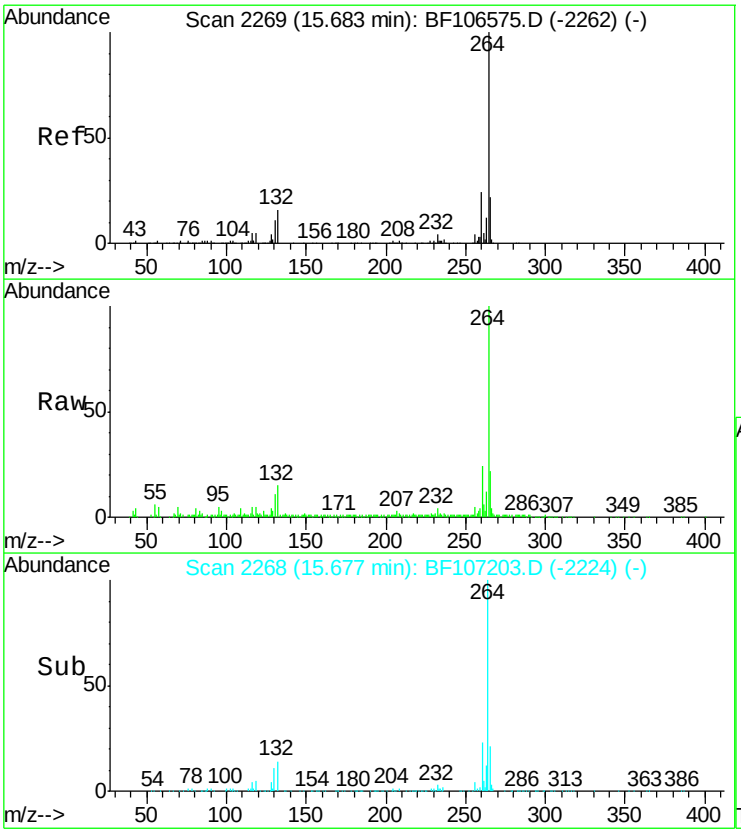
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.292 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:276 Resp: 64717

Ion	Ratio	Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	25.4	20.1	30.1

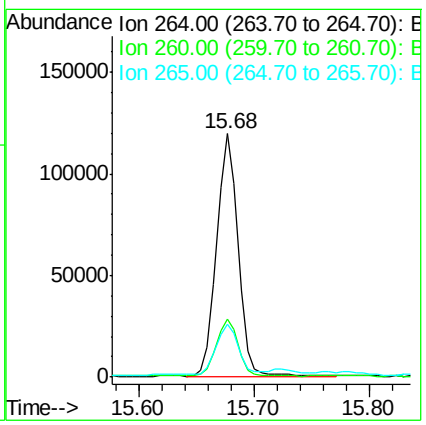


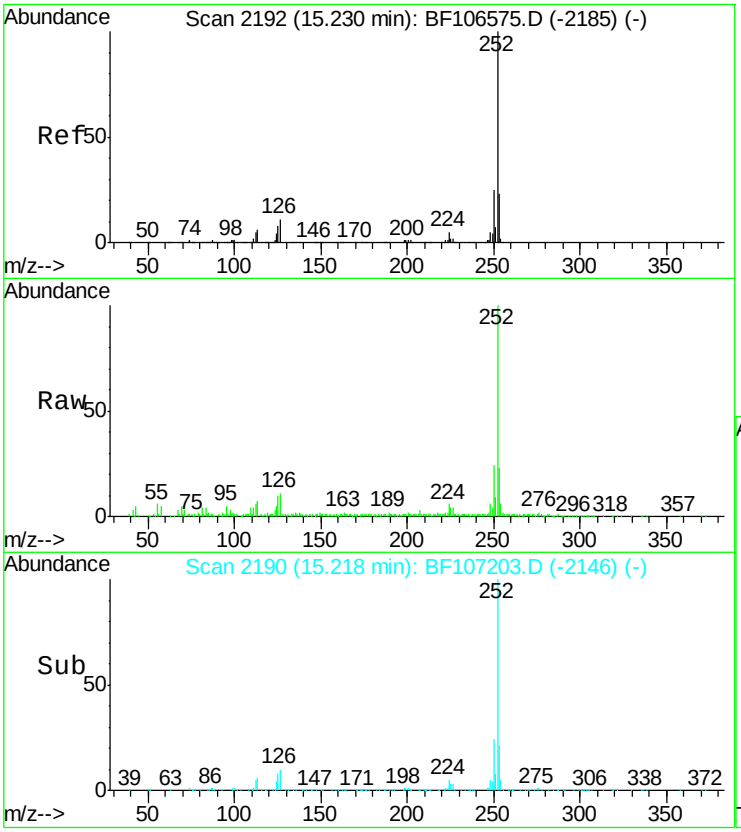


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:264 Resp: 153629

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3



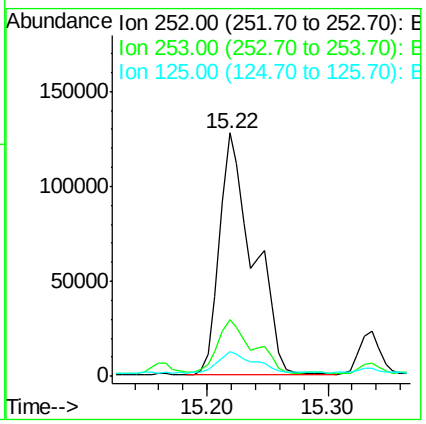


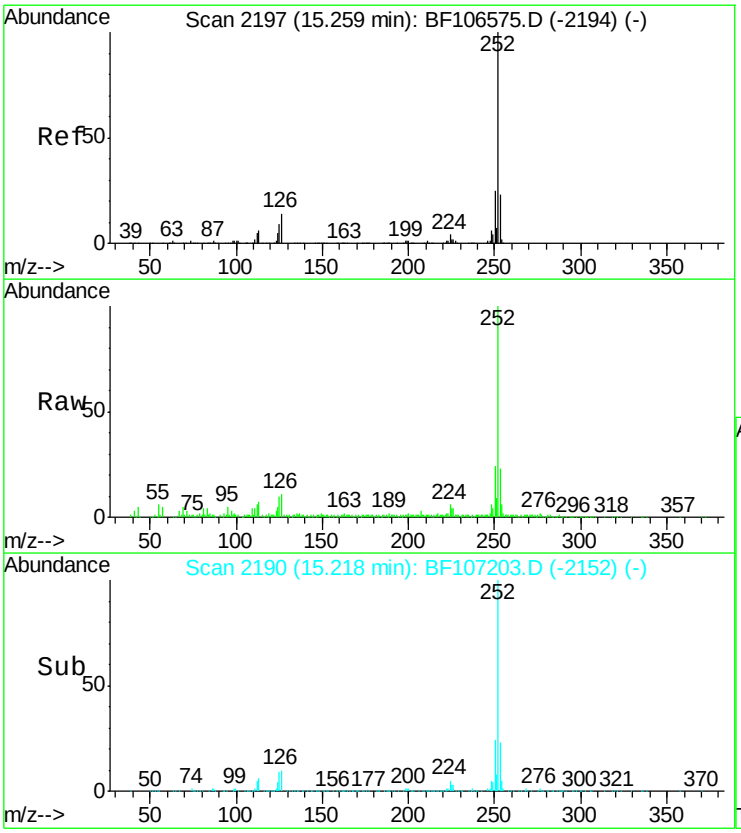
#87
Benzo(b)fluoranthene
Concen: 25.846 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:252 Resp: 246657

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	10.1	9.0	13.6

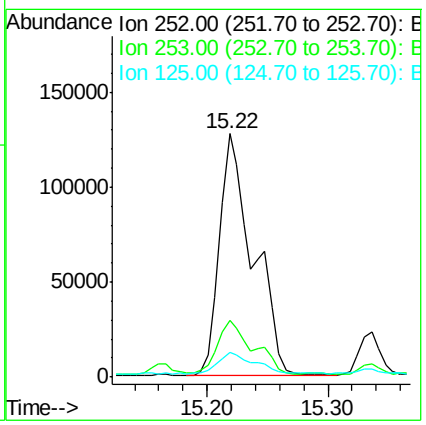


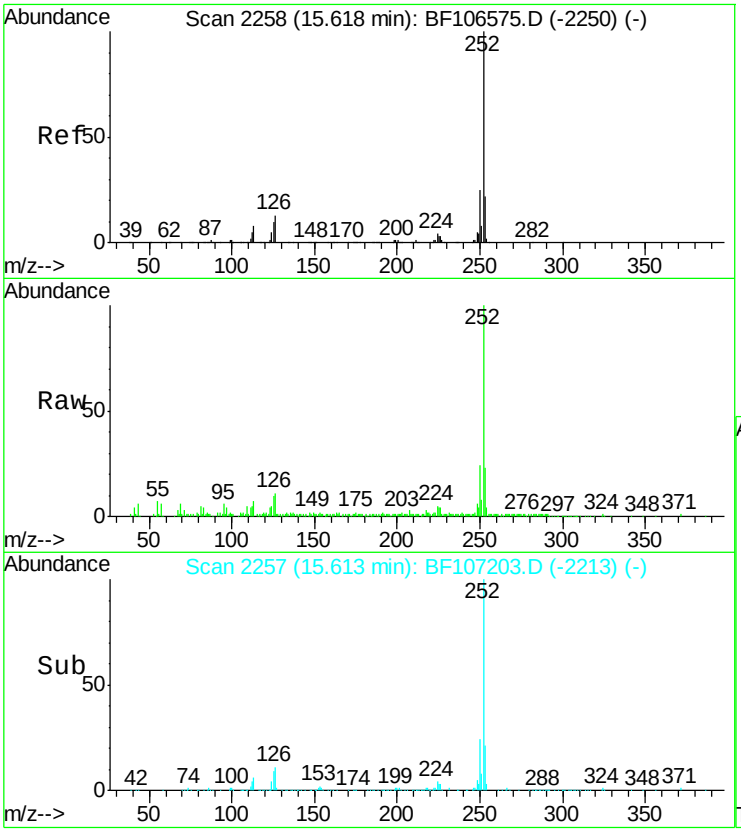


#88
Benzo(k)fluoranthene
Concen: 27.141 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:252 Resp: 246657

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	10.1	10.2	15.2#



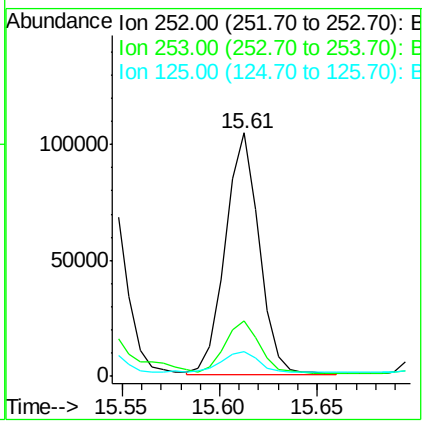


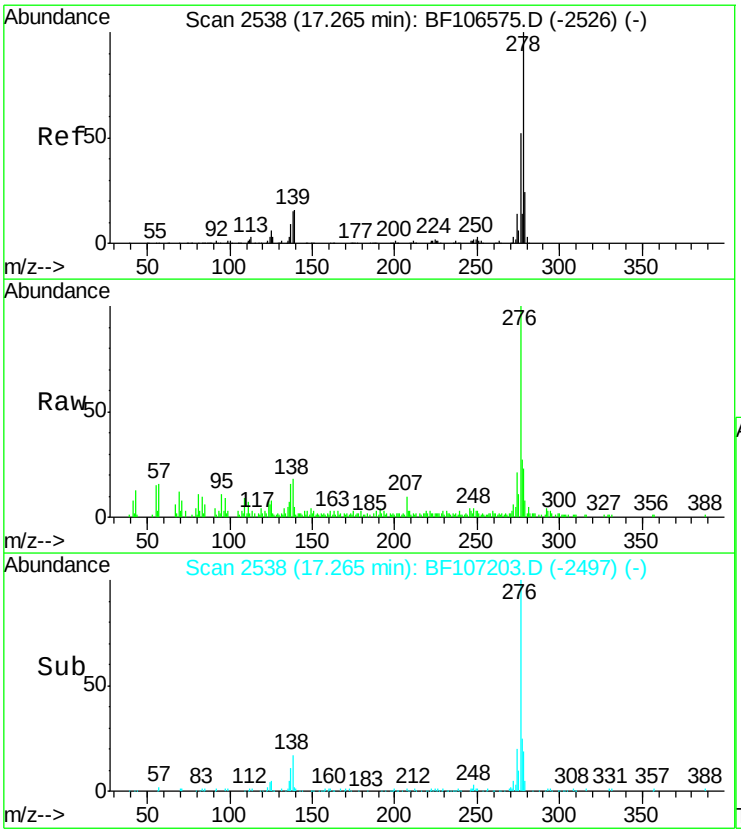
#89
Benzo(a)pyrene
Concen: 14.727 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:252 Resp: 124944

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	10.4	9.8	14.6

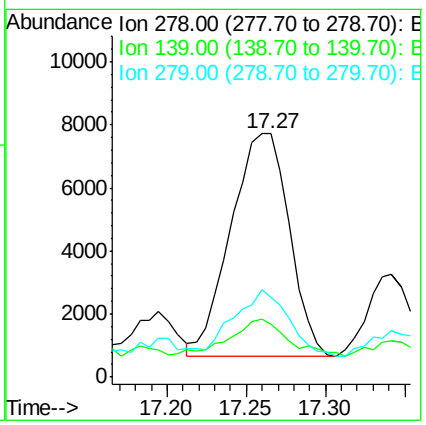


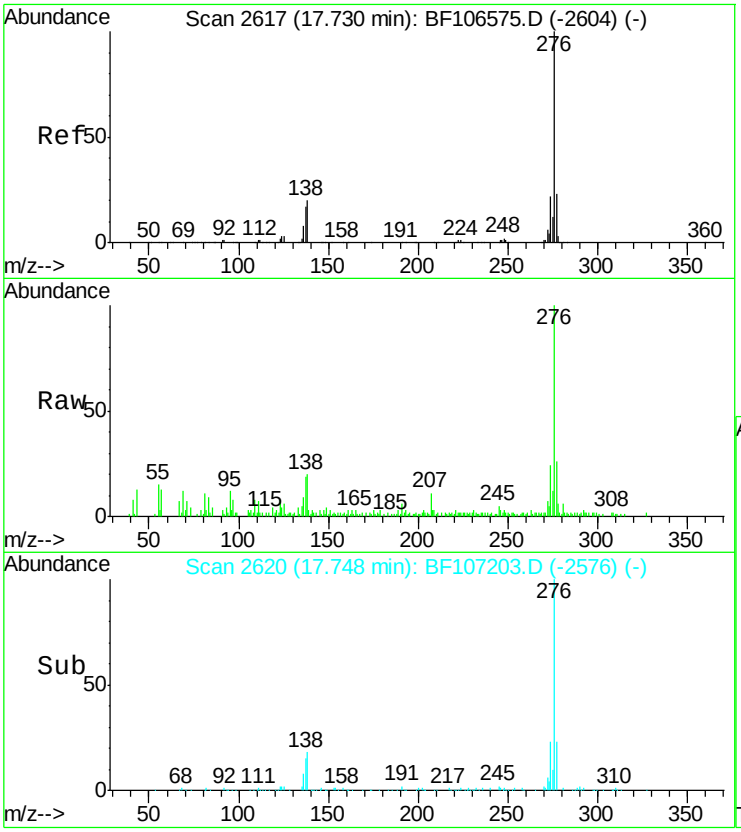


#90
Dibenzo(a,h)anthracene
Concen: 2.504 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Tgt Ion:278 Resp: 18002

Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	32.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.893 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF107203.D
Acq: 7 Jul 2018 13:49

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-21

Tgt Ion:276 Resp: 62495

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	19.5	21.8	32.8#