Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107720.D
Acq On : 27 Jul 2018 00:31
Operator : JU/SJ
Sample : J4121-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-9(3-5)

Quant Time: Jul 27 01:17:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	206815	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	853139	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	361455	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	567395	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	447013	20.00	ng		-0.02
86) Perylene-d12	15.68	264	508057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1278140	99.36	ng		0.00
7) Phenol-d6	6.60	99	1535683	99.43	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1010877	79.97	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	389997	94.88	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1400791	61.28	ng		-0.02
78) Terphenyl-d14	13.08	244	914219	52.36	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	126640	12.692	ng	#	82
25) Isophorone	7.52	82	1010877	37.452	ng	#	64
31) Naphthalene	8.27	128	231503	6.171	ng		98
32) Benzoic acid	8.15	122	122	7.912	ng		87
37) 2-Methylnaphthalene	8.95	142	72757	2.799	ng		97
48) Acenaphthylene	9.86	152	113783	3.147	ng		98
49) Dimethylphthalate	9.71	163	127461	4.679	ng		98
51) Acenaphthene	10.03	154	138751	6.125	ng		96
54) Dibenzofuran	10.21	168	161993	4.857	ng		99
55) 4-Nitrophenol	10.21	139	62101	12.606	ng	#	12
57) Fluorene	10.55	166	262650	11.039	ng		96
64) 4,6-Dinitro-2-methylphenol	10.80	198	1049	8.994	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	23947	3.585	ng	#	1
70) Phenanthrene	11.52	178	1017277	36.792	ng		99
71) Anthracene	11.57	178	397633	14.283	ng		99
72) Carbazole	11.74	167	145477	5.025	ng		98
73) Di-n-butylphthalate	12.04	149	5057	Below Cal		#	68
74) Fluoranthene	12.71	202	1085723	36.594	ng		97
77) Pyrene	12.95	202	965796	31.587	ng		97
80) Benzo(a)anthracene	14.14	228	598267	22.838	ng		93
81) 3,3'-Dichlorobenzidine	14.09	252	330	Below Cal		#	57
82) Chrysene	14.18	228	594736	23.635	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	268544	12.592	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	1004898	36.140	ng		97
88) Benzo(k)fluoranthene	15.22	252	1004898	36.888	ng		99
89) Benzo(a)pyrene	15.61	252	555047	21.823	ng		96
90) Dibenzo(a,h)anthracene	17.04	278	53479	2.432	ng		97
91) Benzo(g,h,i)perylene	17.99	276	54871	2.530	ng		93

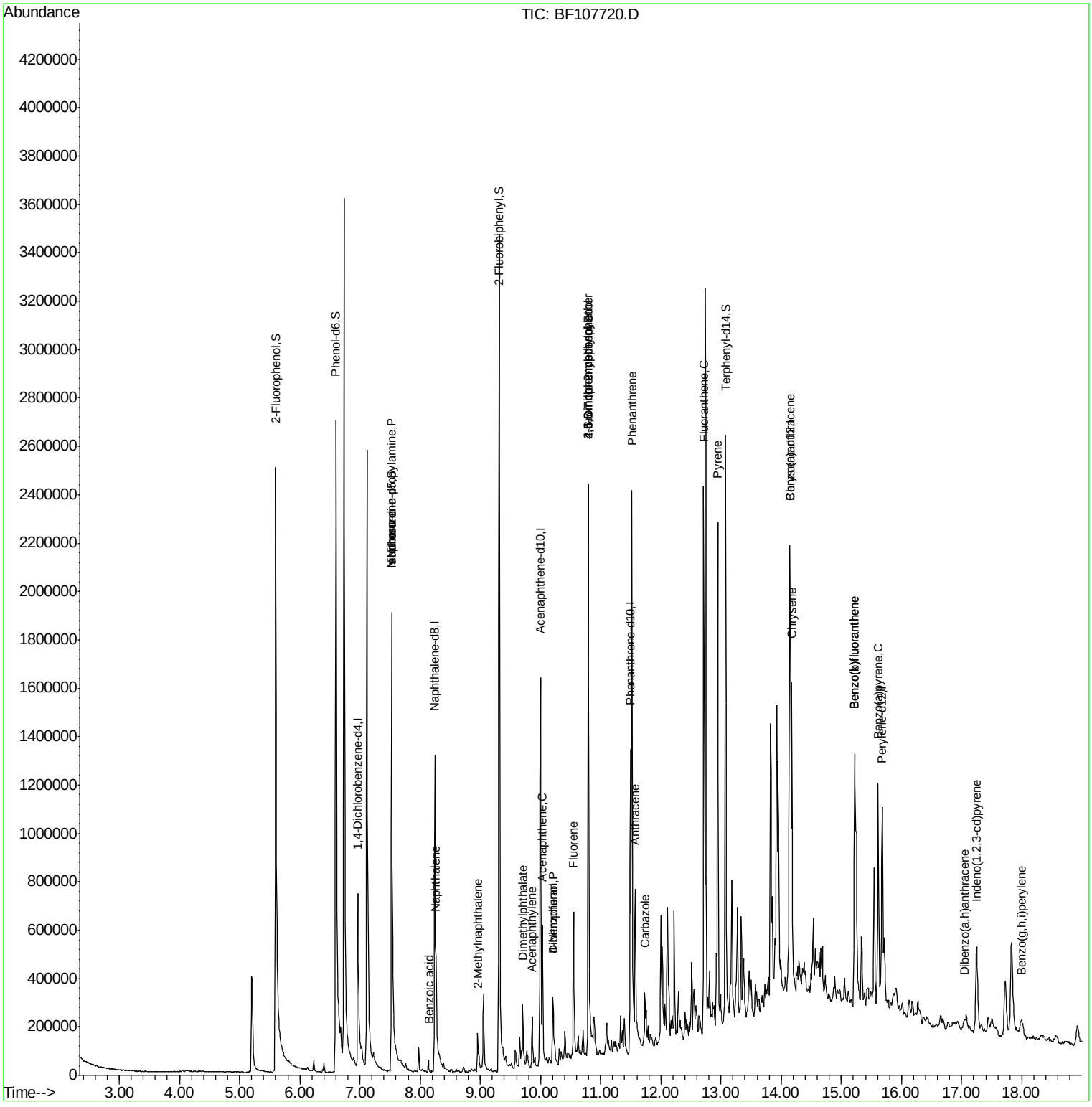
(#) = qualifier out of range (m) = manual integration (+) = signals summed

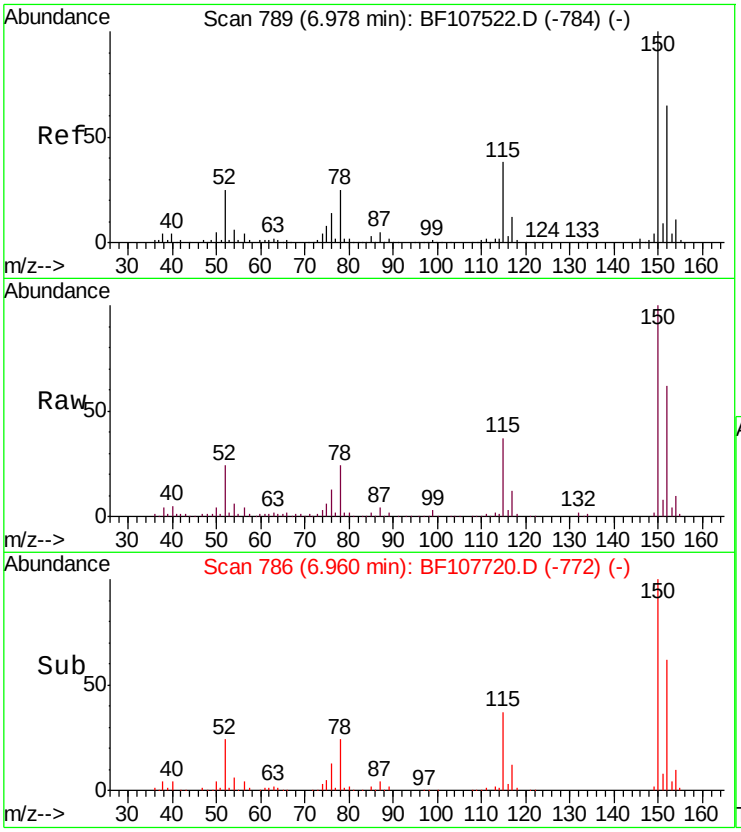
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107720.D
Acq On : 27 Jul 2018 00:31
Operator : JU/SJ
Sample : J4121-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Quant Time: Jul 27 01:17:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



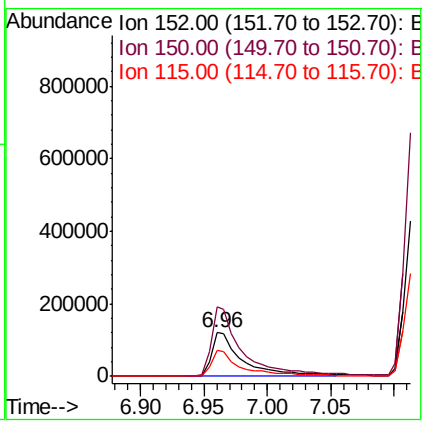


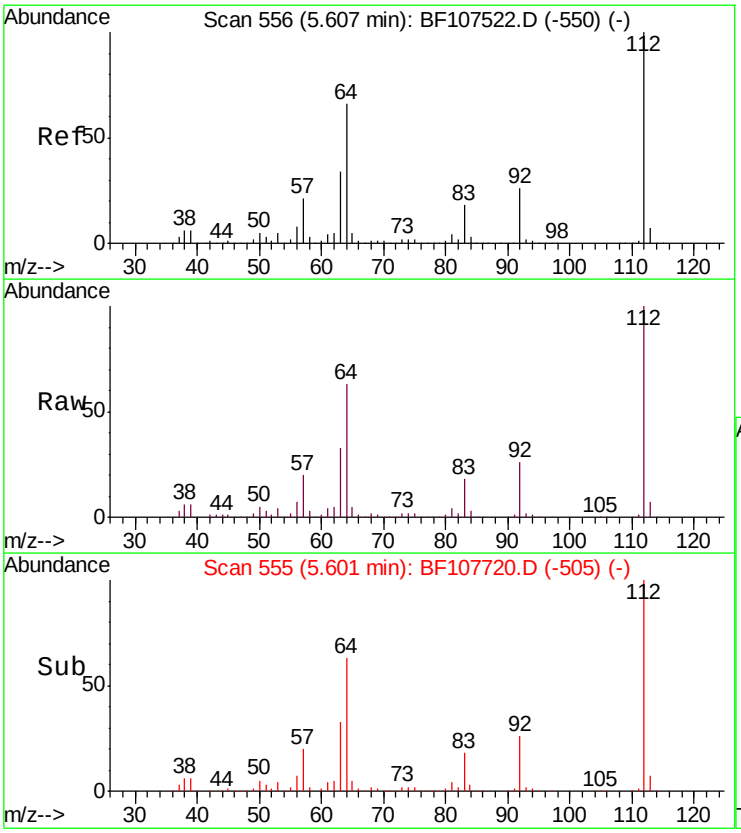
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:152 Resp: 206815

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	59.2	50.1	75.1

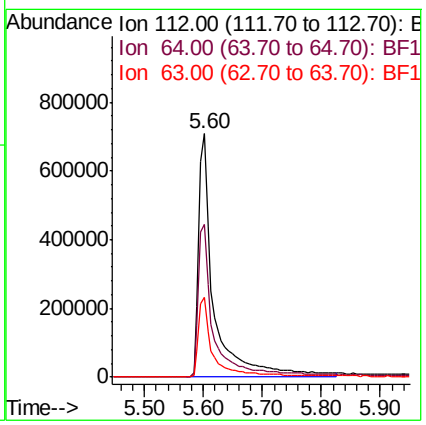


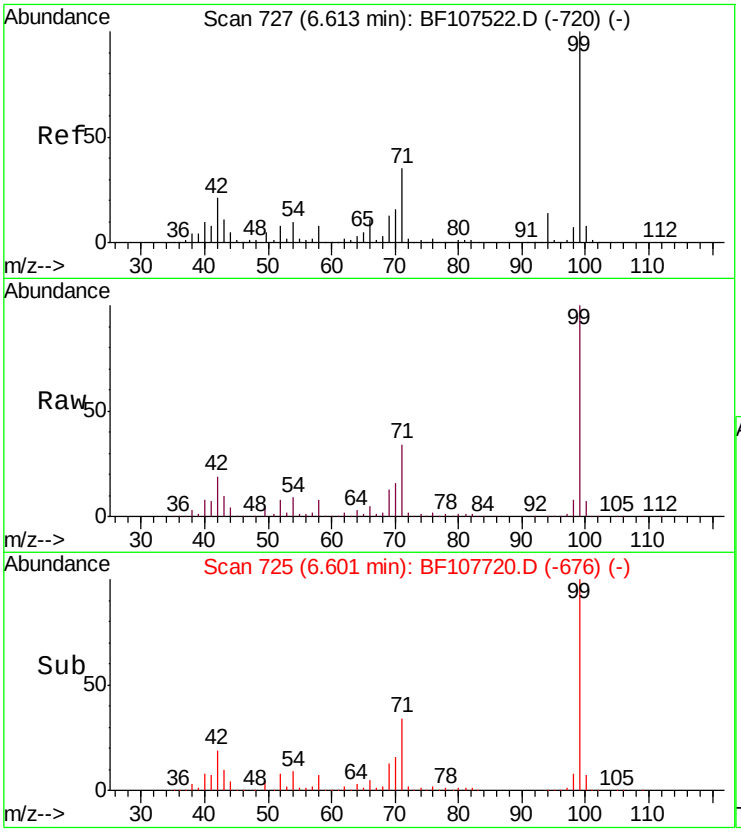


#5
2-Fluorophenol
Concen: 99.364 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:112 Resp: 1278140

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	32.7	23.7	35.5



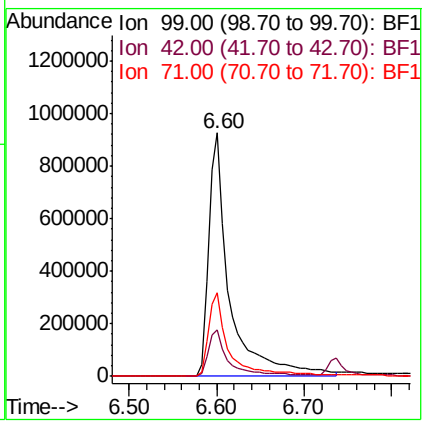


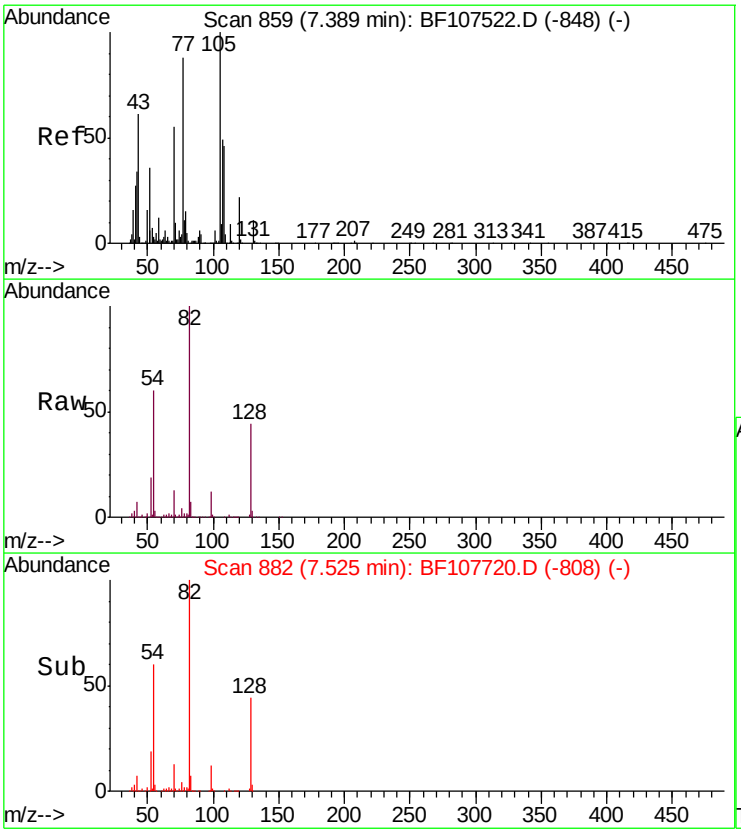
#7
Phenol-d6
Concen: 99.427 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion: 99 Resp: 1535683

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	34.5	25.4	38.0

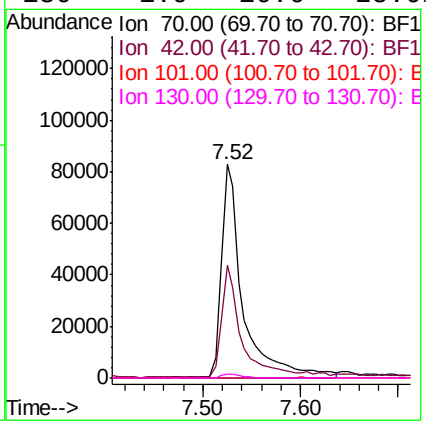


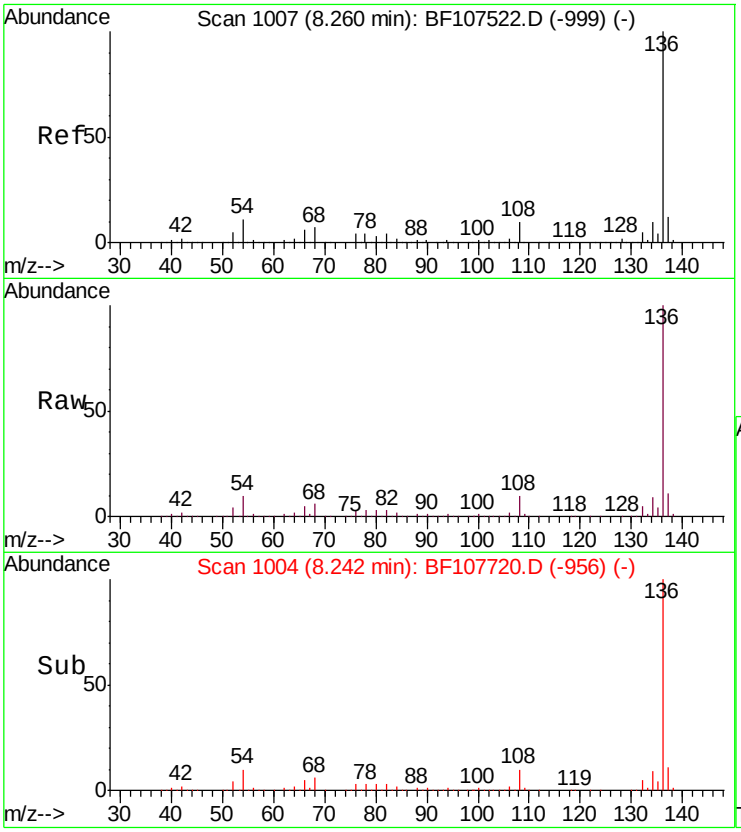


#19
n-Nitroso-di-n-propylamine
Concen: 12.692 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion: 70 Resp: 126640

Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



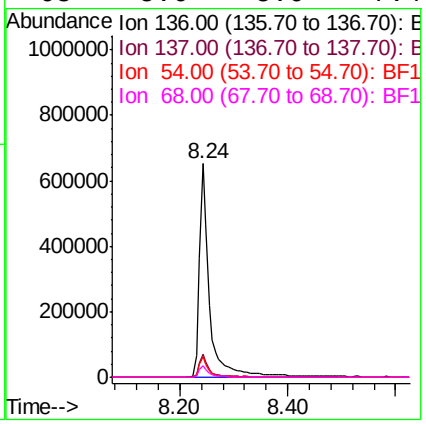


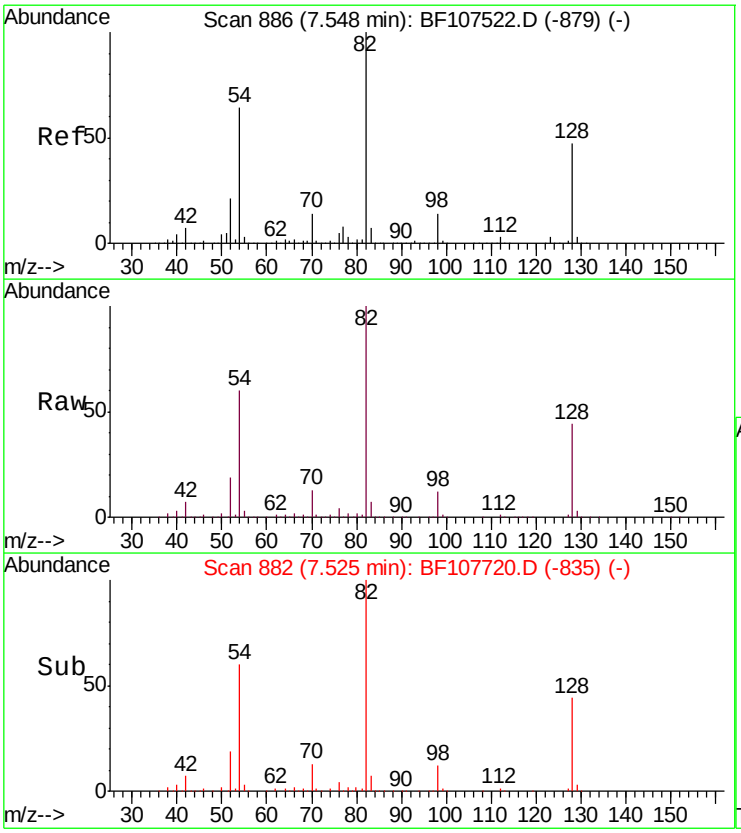
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:136 Resp: 853139

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	6.6	9.8#
68	5.6	5.0	7.4

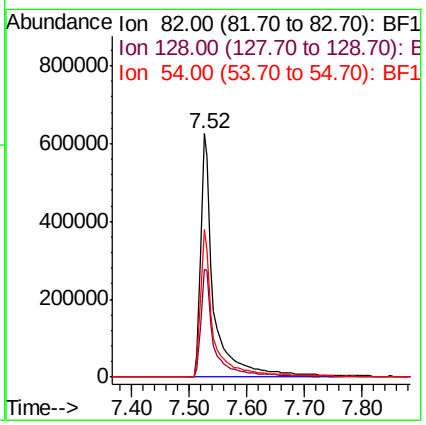


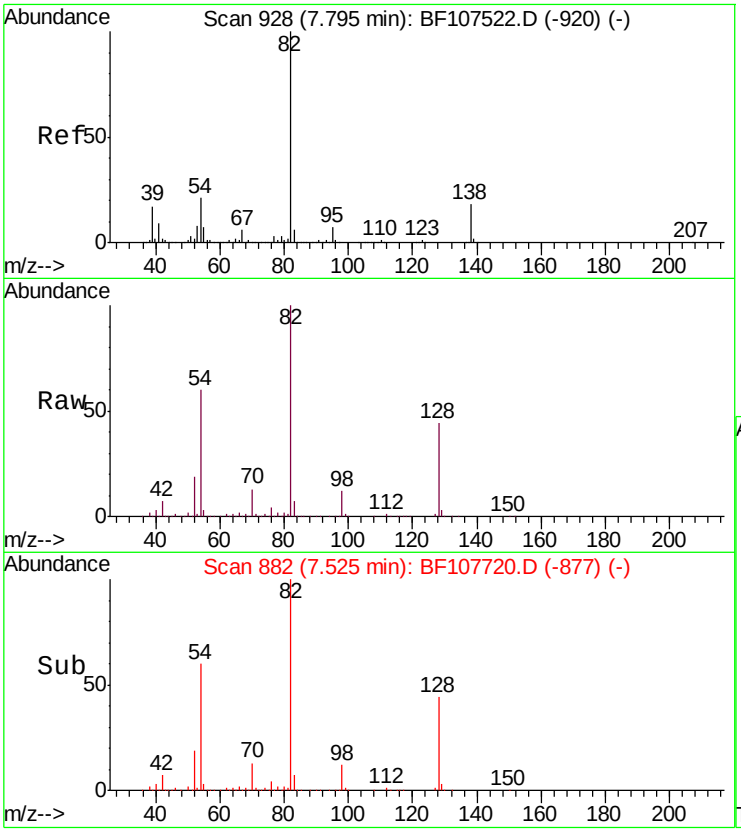


#23
Nitrobenzene-d5
Concen: 79.966 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion: 82 Resp: 1010877

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	60.4	41.4	62.2



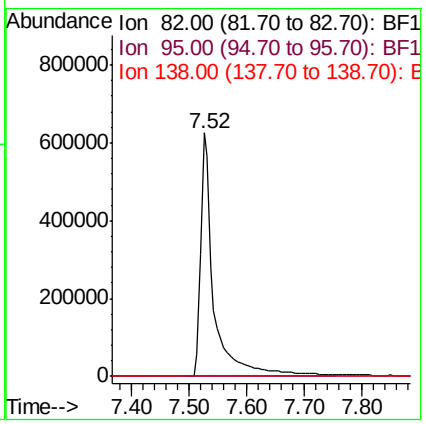


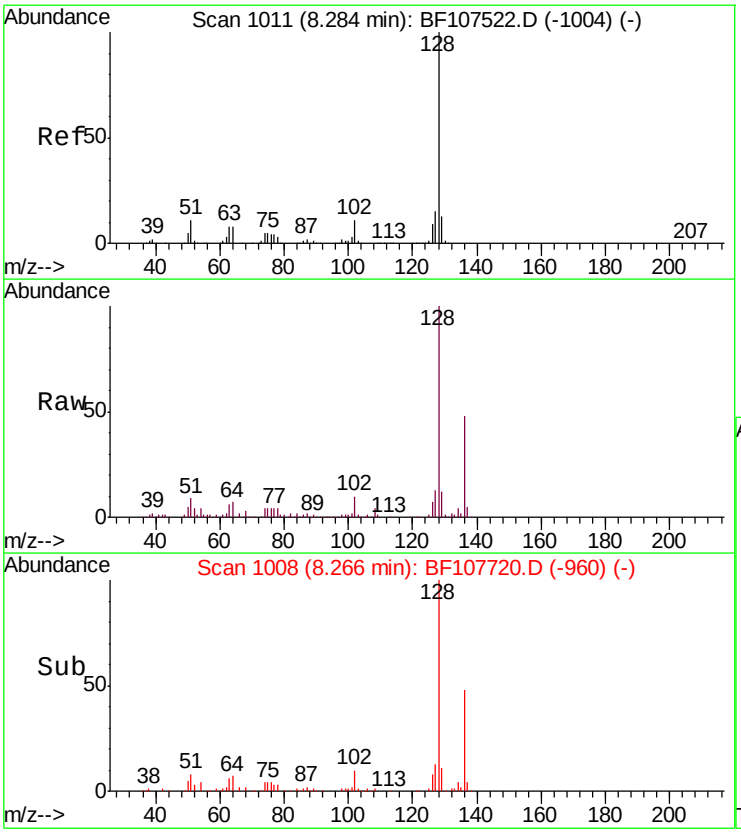
#25
Isophorone
Concen: 37.452 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion: 82 Resp: 1010877

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

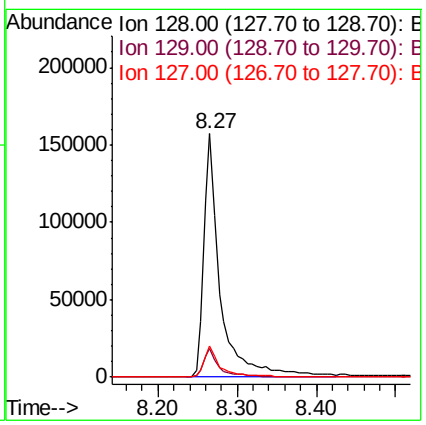


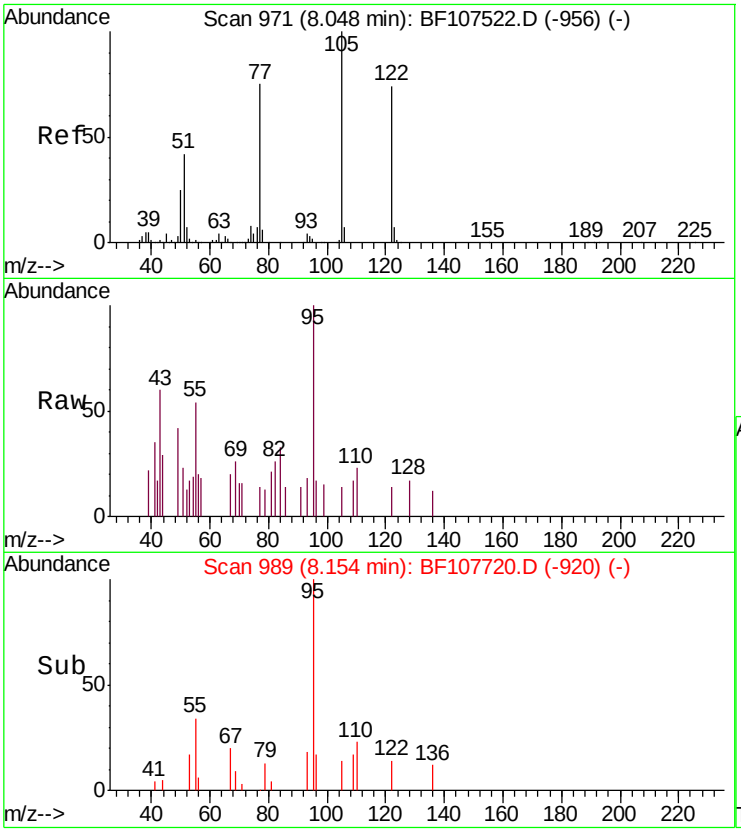


#31
Naphthalene
Concen: 6.171 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:128 Resp: 231503

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.9	10.9	16.3



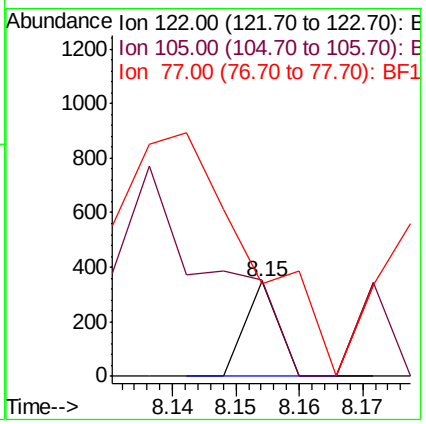


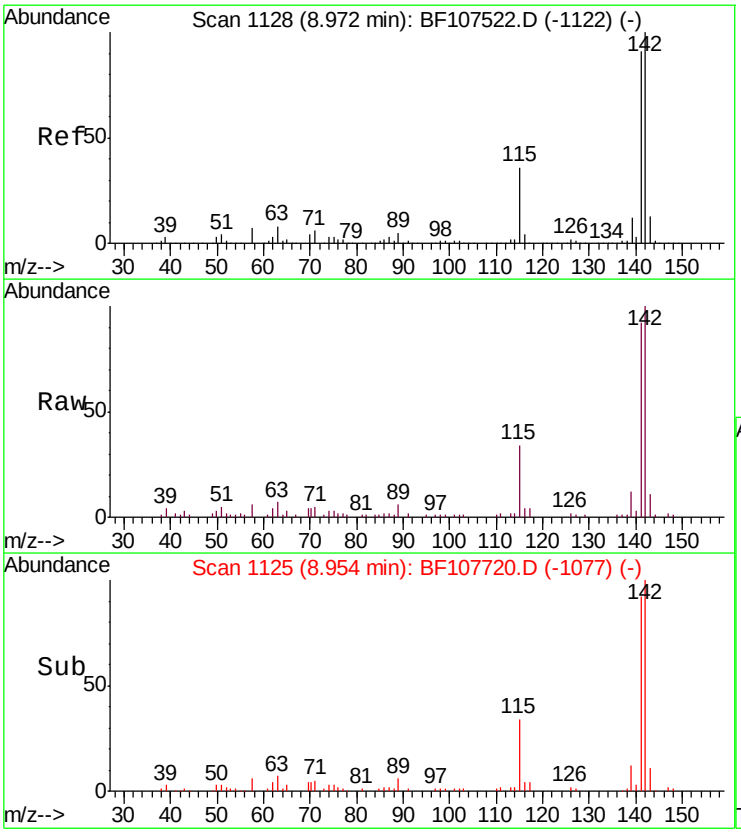
#32
Benzoic acid
Concen: 7.912 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.11 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:122 Resp: 122

Ion	Ratio	Lower	Upper
122	100		
105	101.7	101.1	141.1
77	97.1	70.7	110.7

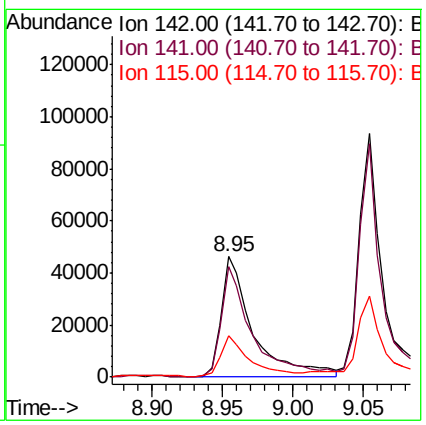


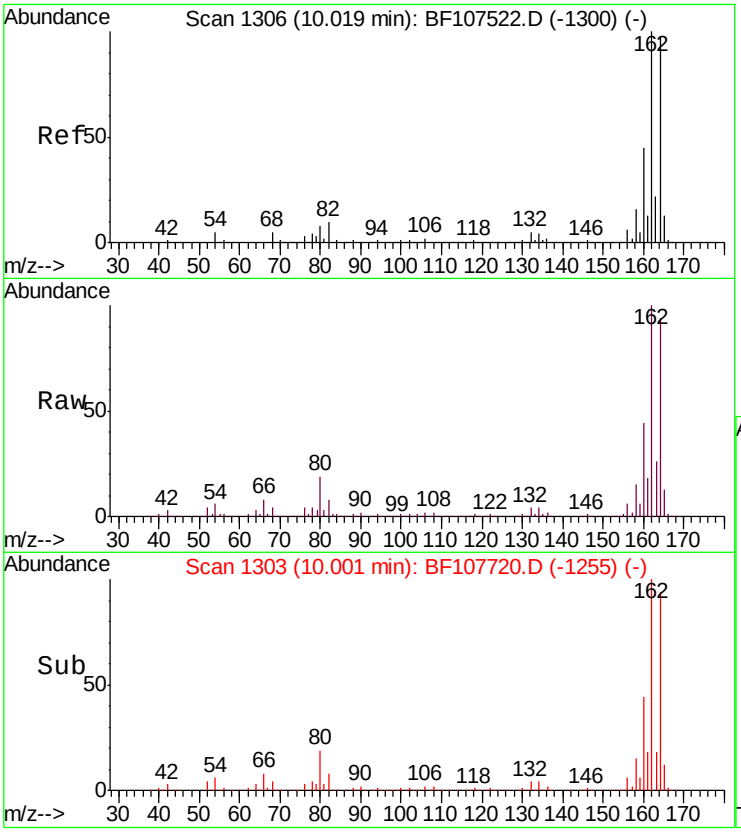


#37
2-Methylnaphthalene
Concen: 2.799 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:142 Resp: 72757

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.8	106.2
115	34.1	26.1	39.1



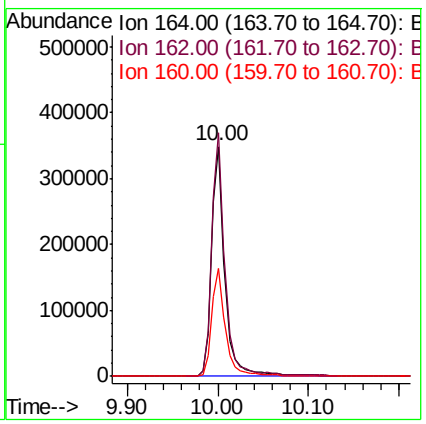


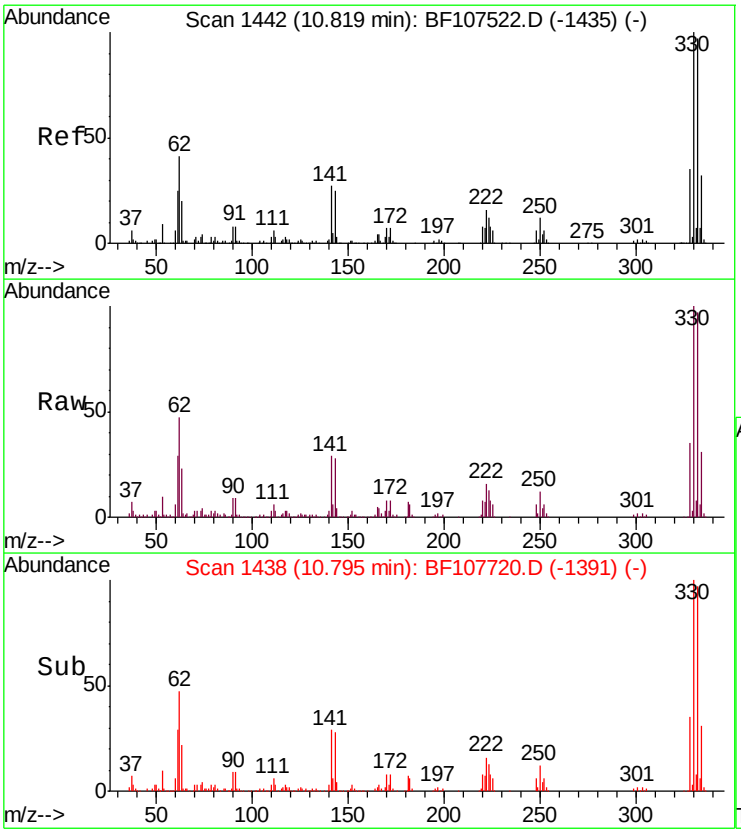
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:164 Resp: 361455

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.8	38.3	57.5

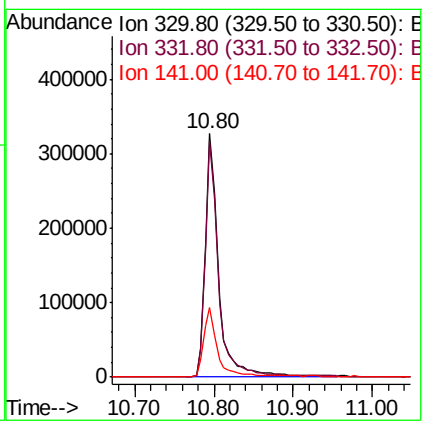


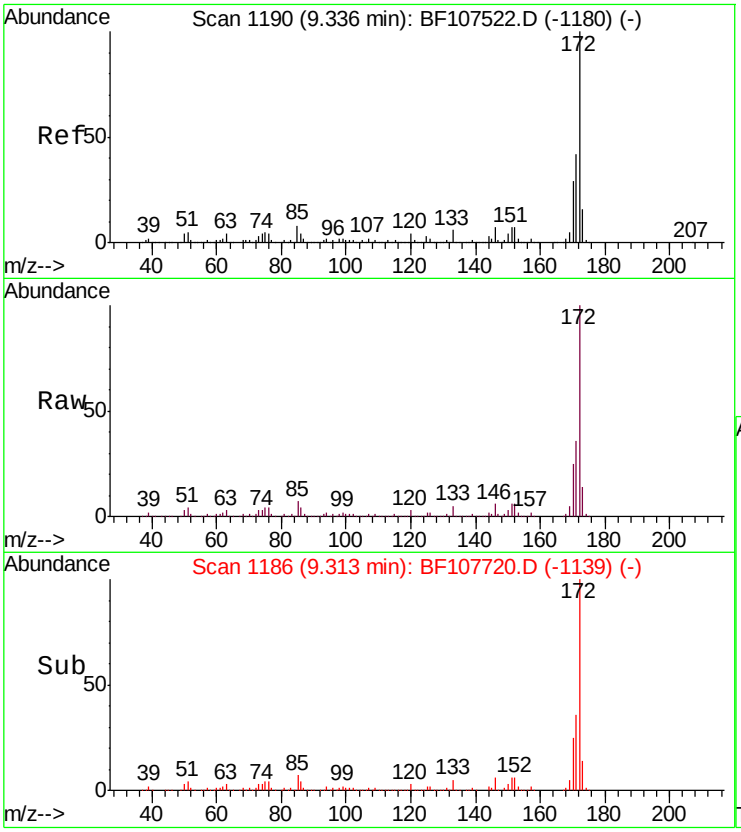


#41
2,4,6-Tribromophenol
Concen: 94.883 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:330 Resp: 389997

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	28.3	29.9	44.9#



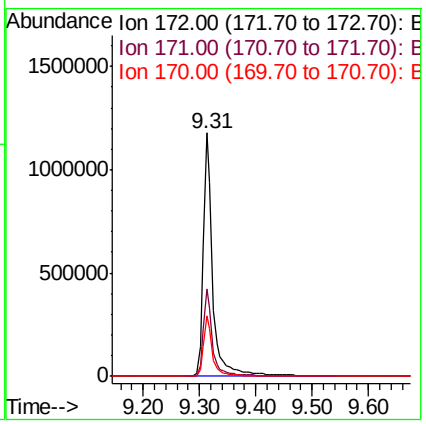


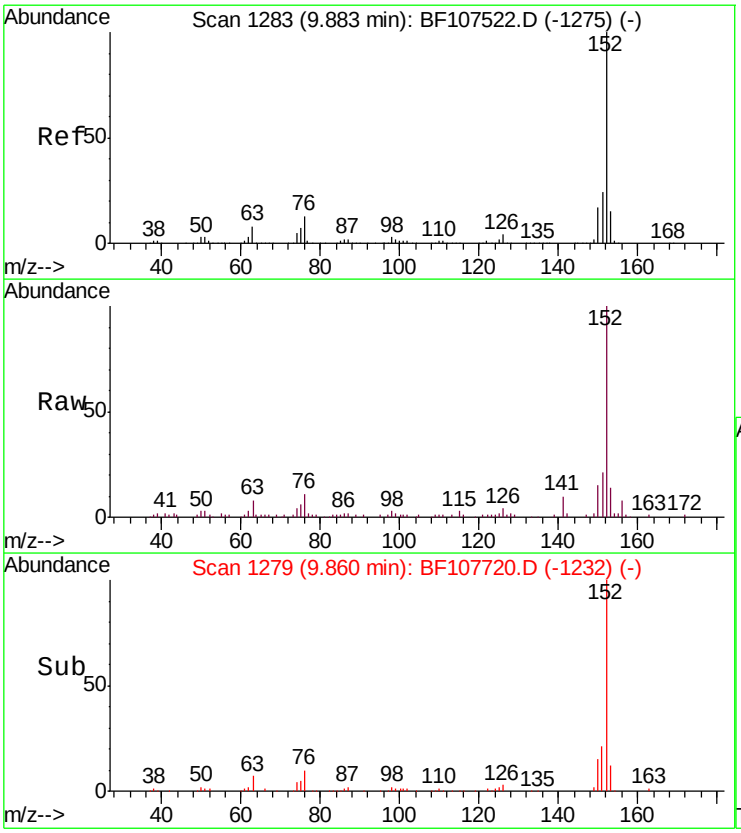
#44
2-Fluorobiphenyl
Concen: 61.283 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:172 Resp: 1400791

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.9	19.6	29.4

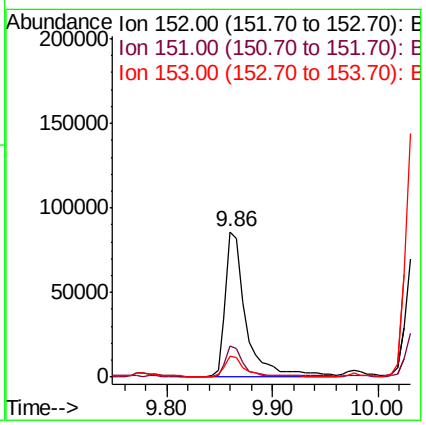


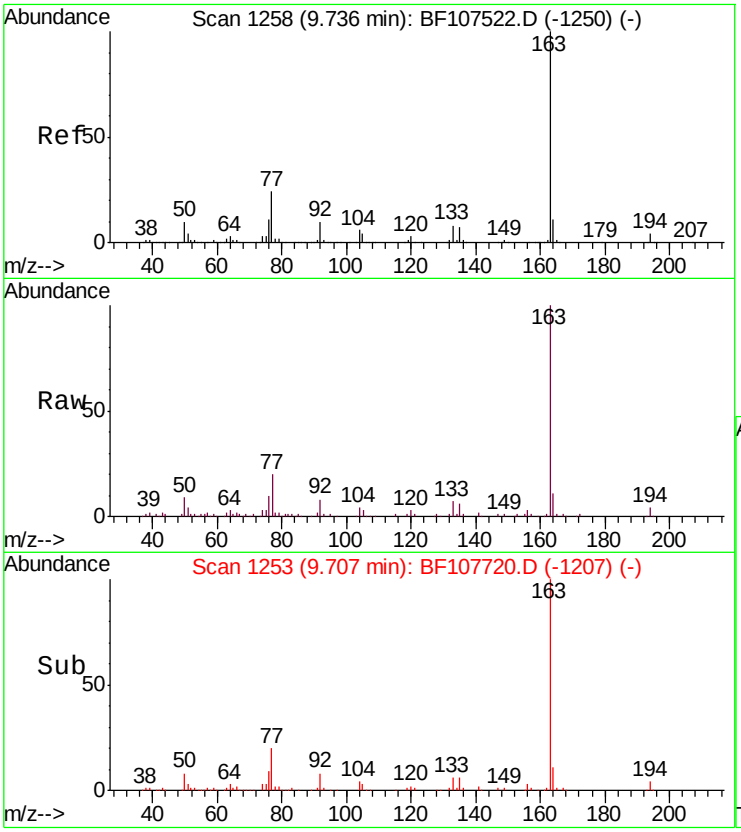


#48
Acenaphthylene
Concen: 3.147 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:152 Resp: 113783

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	13.9	10.7	16.1



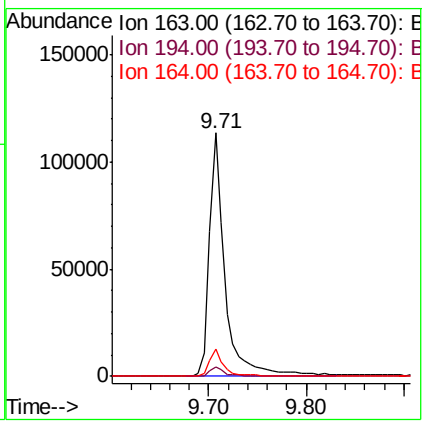


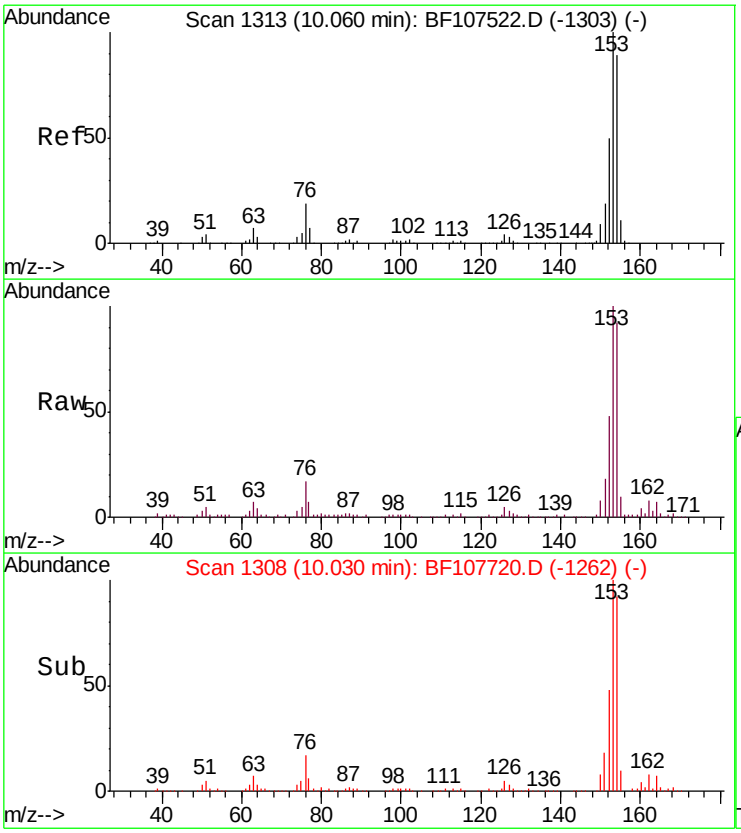
#49
Dimethylphthalate
Concen: 4.679 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:163 Resp: 127461

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.0	8.2	12.2

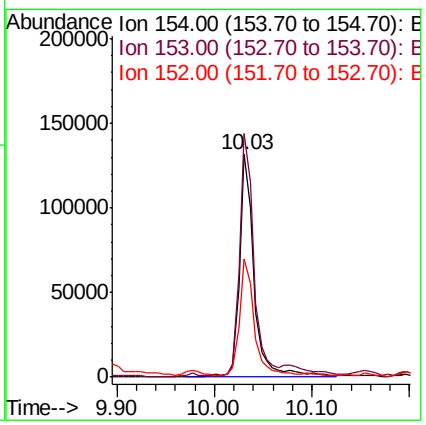


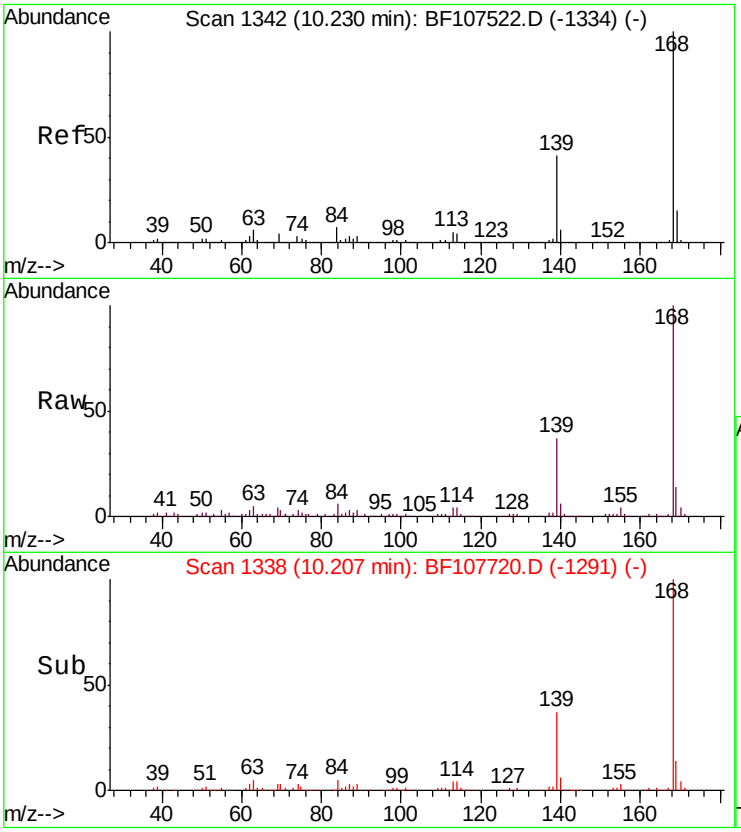


#51
Acenaphthene
Concen: 6.125 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:154 Resp: 138751

Ion	Ratio	Lower	Upper
154	100		
153	109.3	91.2	136.8
152	52.9	43.8	65.8



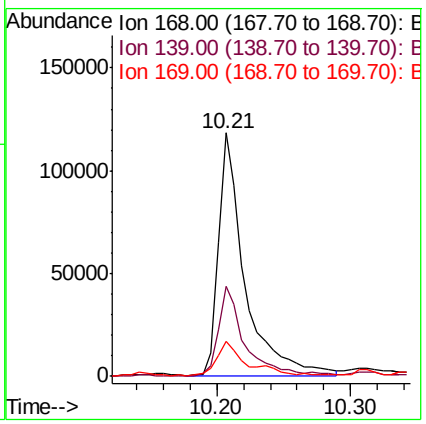


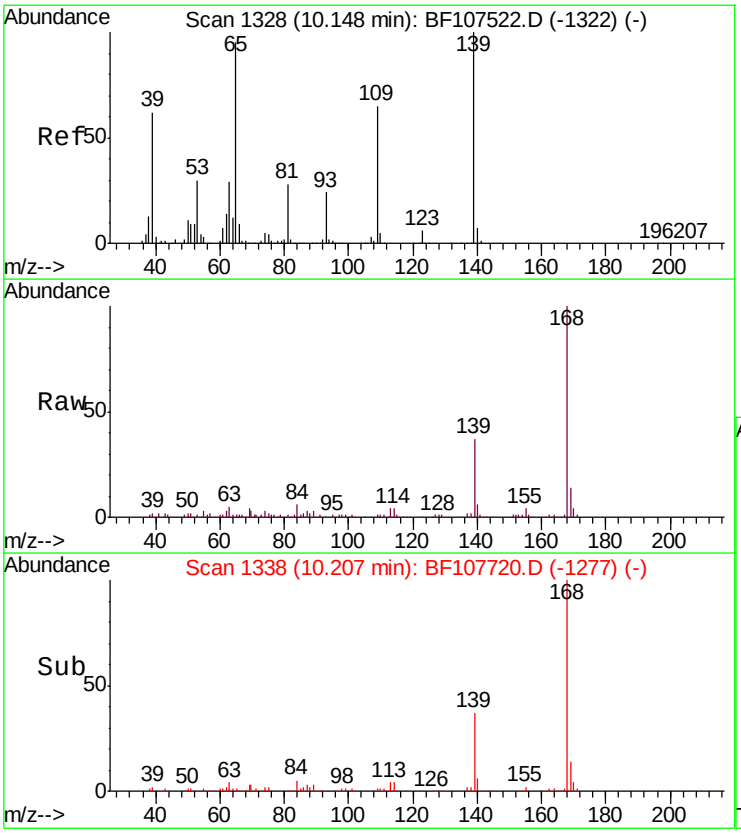
#54
Dibenzofuran
Concen: 4.857 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:168 Resp: 161993

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.4	10.9	16.3

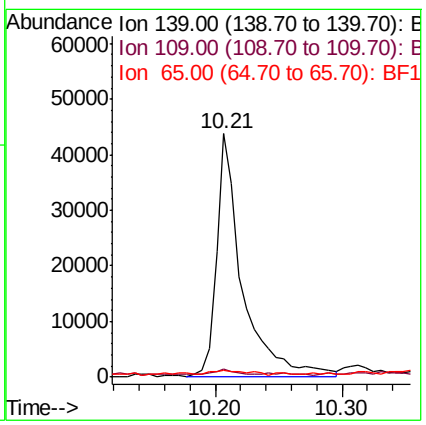


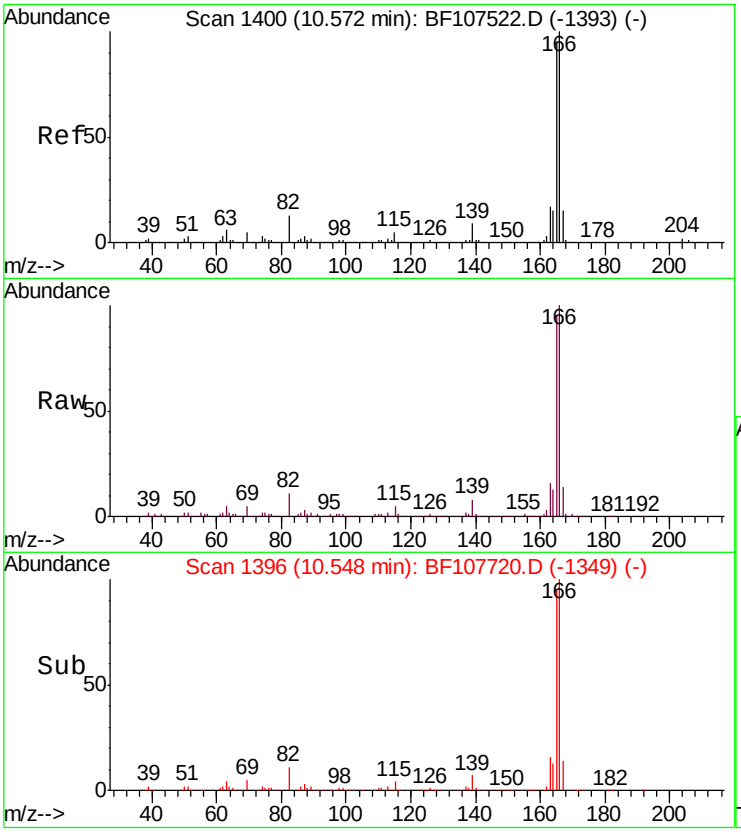


#55
4-Nitrophenol
Concen: 12.606 ng
RT: 10.21 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:139 Resp: 62101

Ion	Ratio	Lower	Upper
139	100		
109	3.2	48.4	88.4#
65	2.8	72.6	112.6#



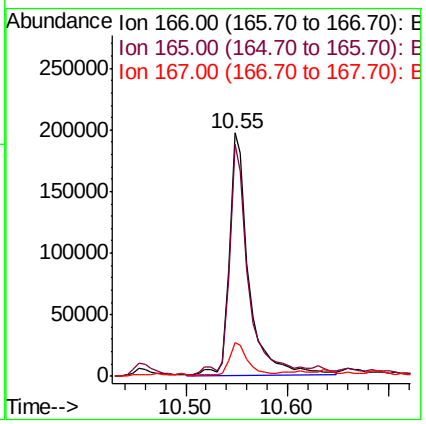


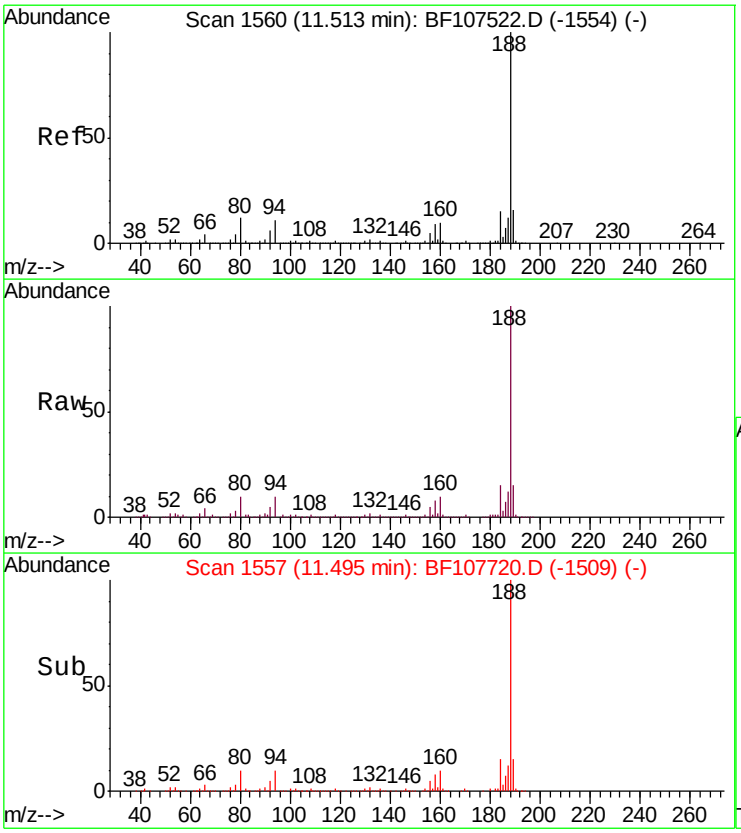
#57
Fluorene
Concen: 11.039 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:166 Resp: 262650

Ion	Ratio	Lower	Upper
166	100		
165	95.3	79.8	119.8
167	14.1	10.6	16.0

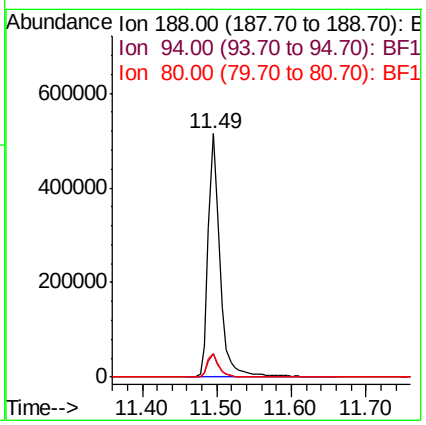


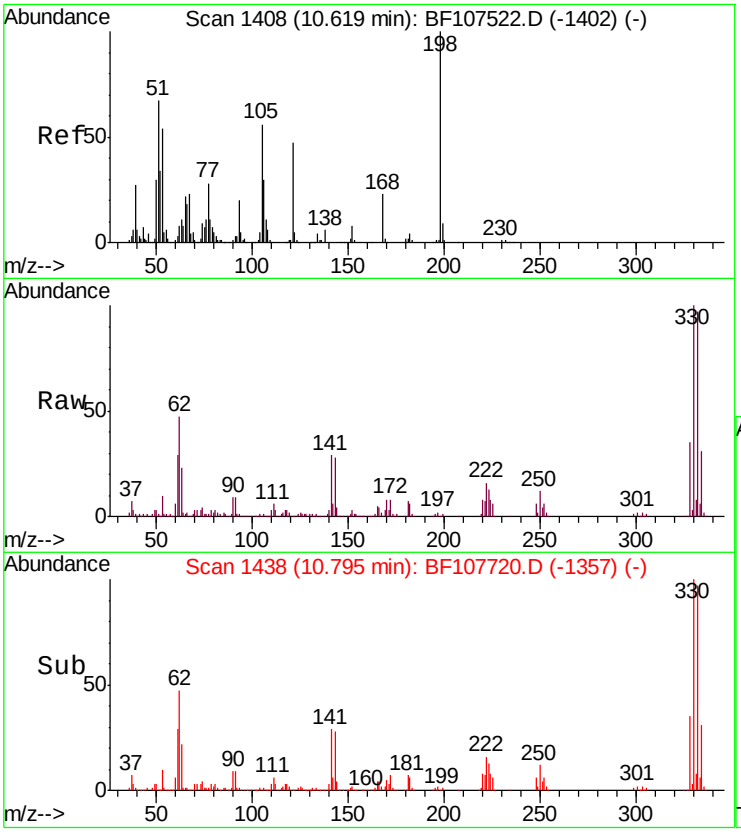


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:188 Resp: 567395

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8



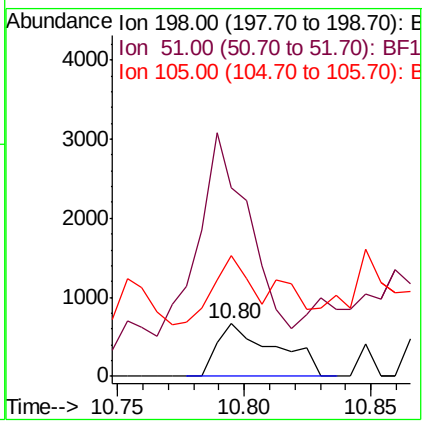


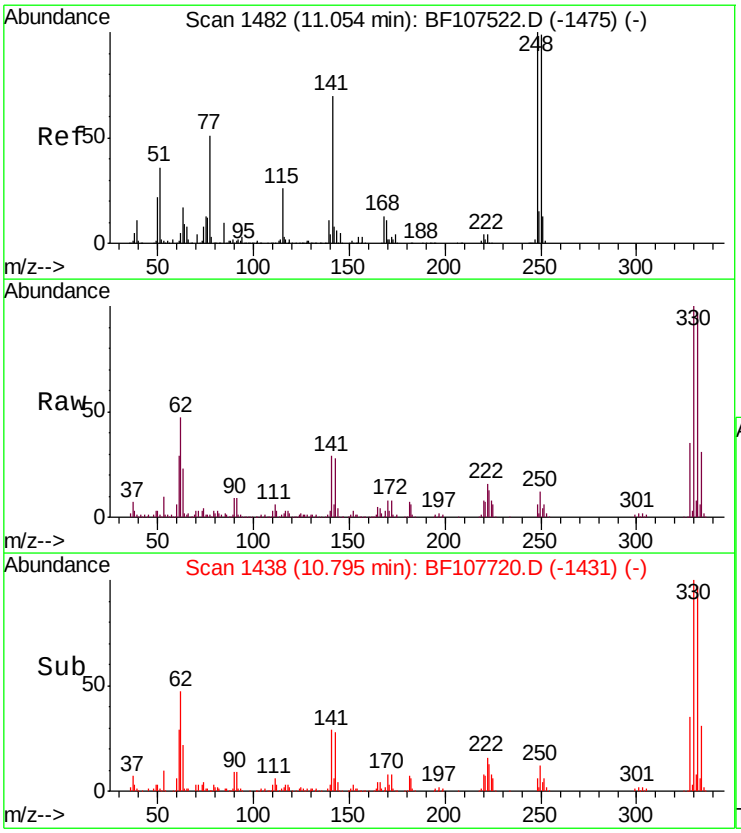
#64
4,6-Dinitro-2-methylphenol
Concen: 8.994 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:198 Resp: 1049

Ion	Ratio	Lower	Upper
198	100		
51	360.6	37.7	77.7#
105	231.4	36.3	76.3#

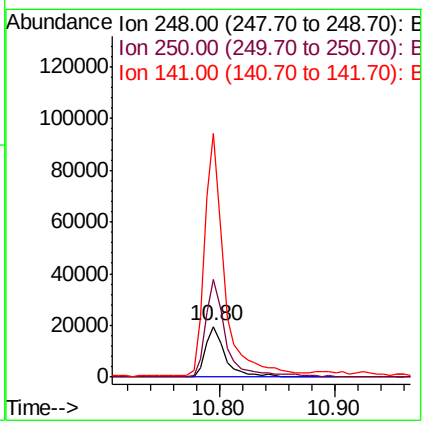


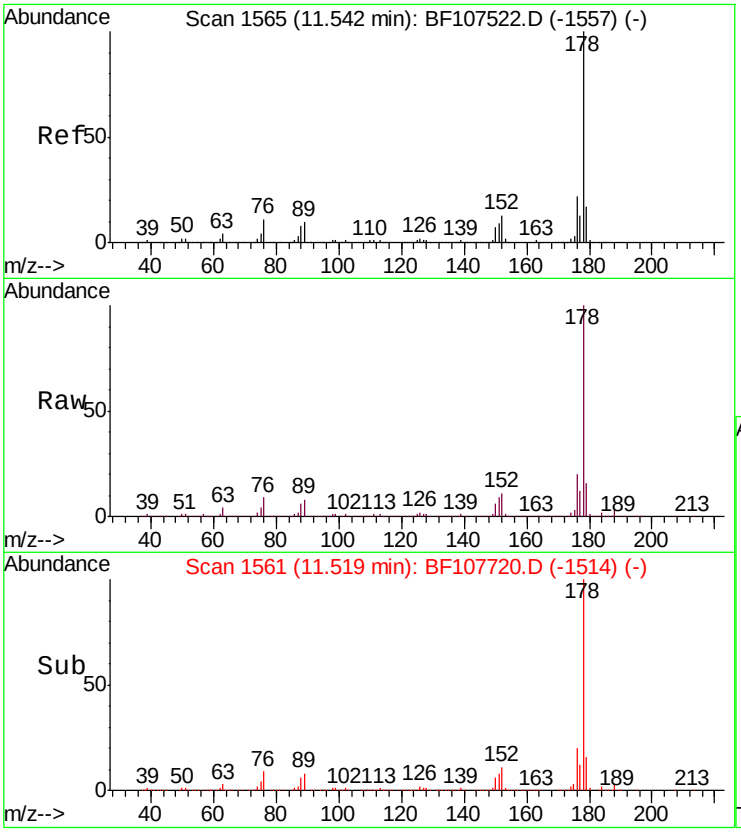


#66
4-Bromophenyl-phenylether
Concen: 3.585 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:248 Resp: 23947

Ion	Ratio	Lower	Upper
248	100		
250	194.1	76.9	115.3#
141	482.6	74.4	111.6#



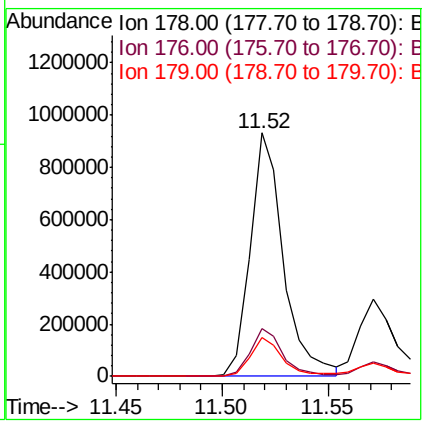


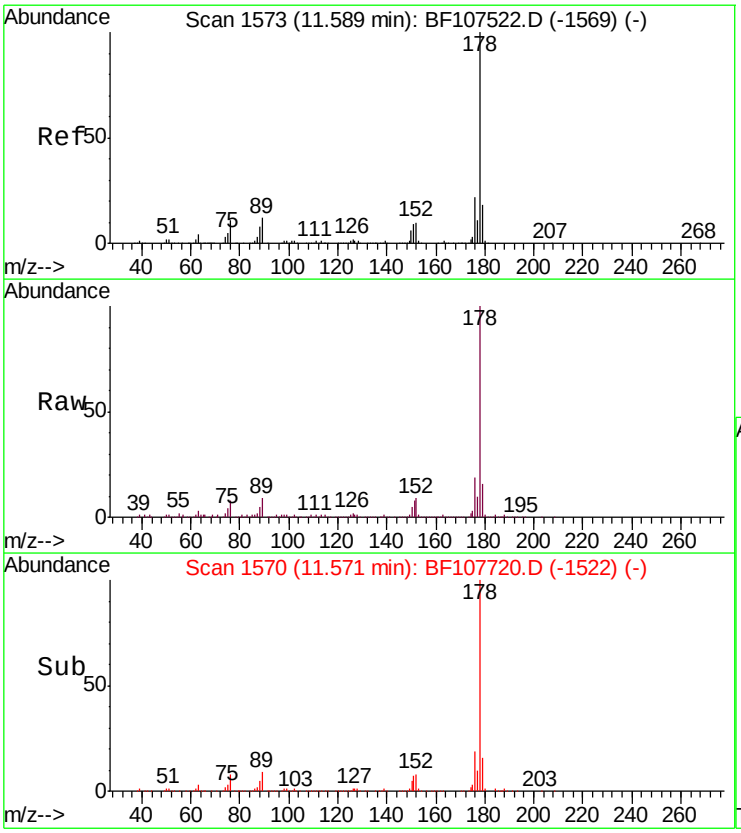
#70
Phenanthrene
Concen: 36.792 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:178 Resp: 1017277

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6

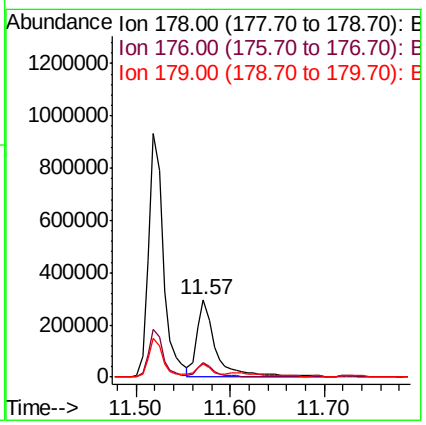


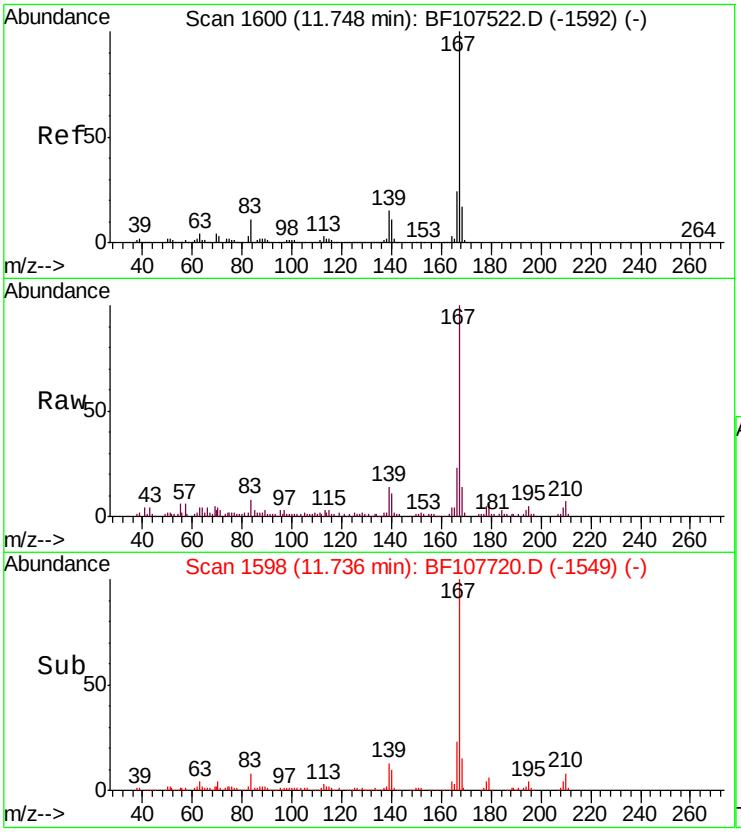


#71
Anthracene
Concen: 14.283 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:178 Resp: 397633

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.4	12.6	19.0



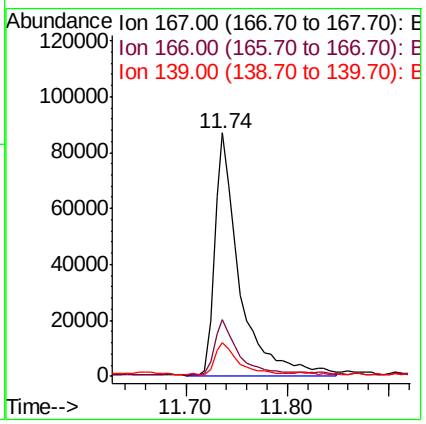


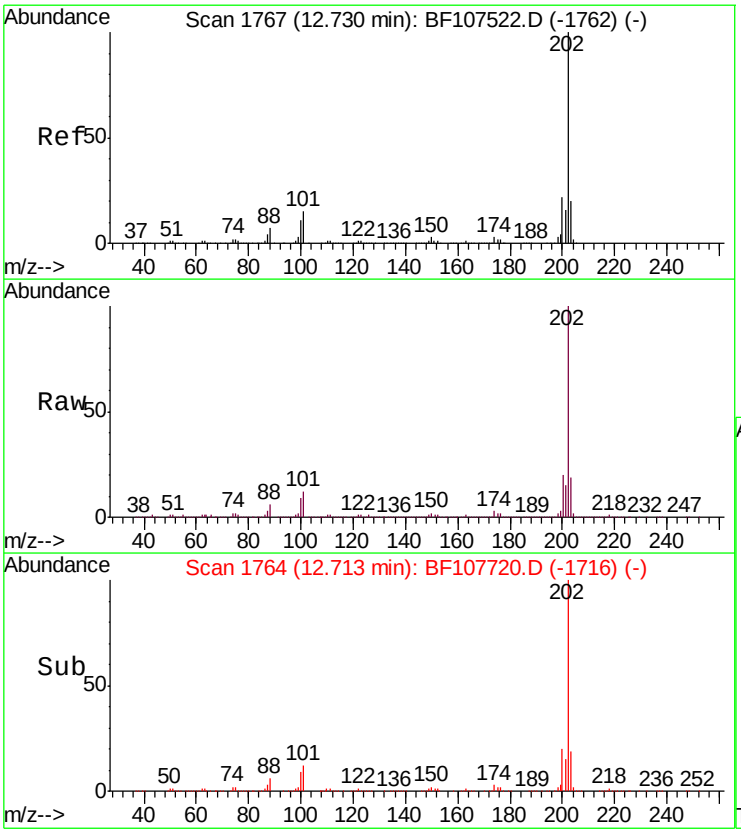
#72
Carbazole
Concen: 5.025 ng
RT: 11.74 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:167 Resp: 145477

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.9	10.9	16.3

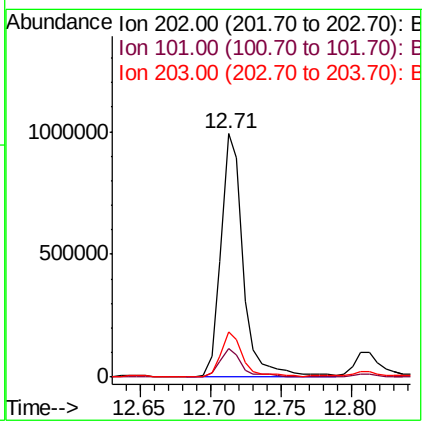


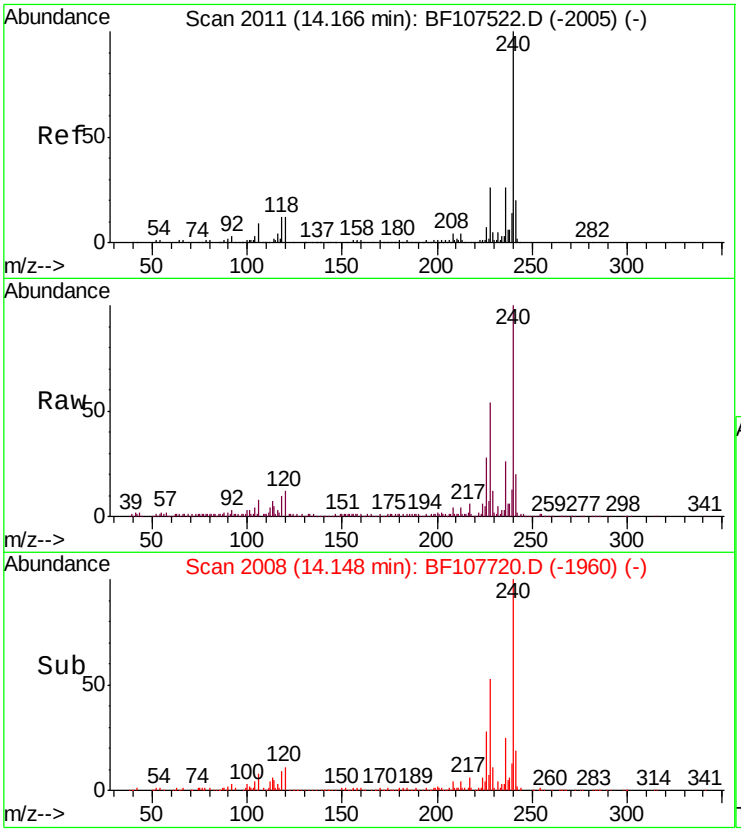


#74
Fluoranthene
Concen: 36.594 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:202 Resp: 1085723

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	18.6	0.0	38.1



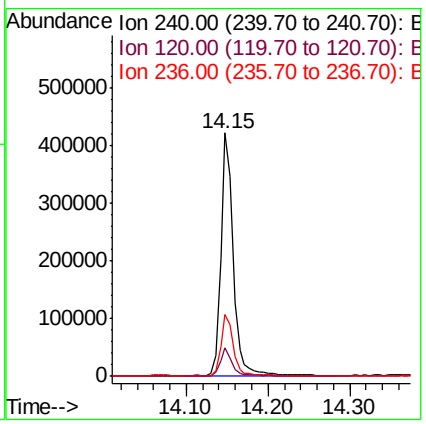


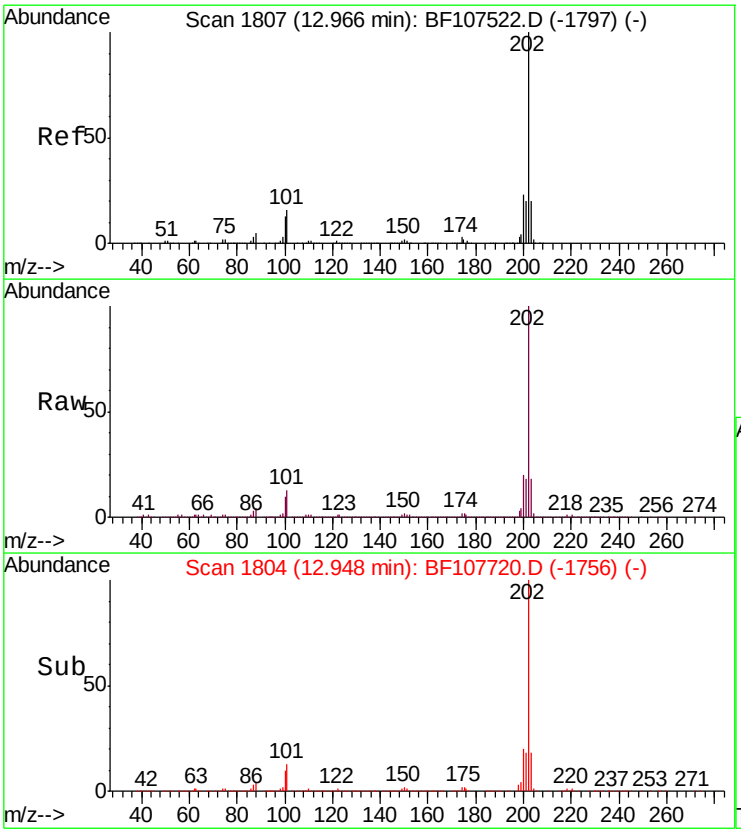
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:240 Resp: 447013

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.5	20.7	31.1

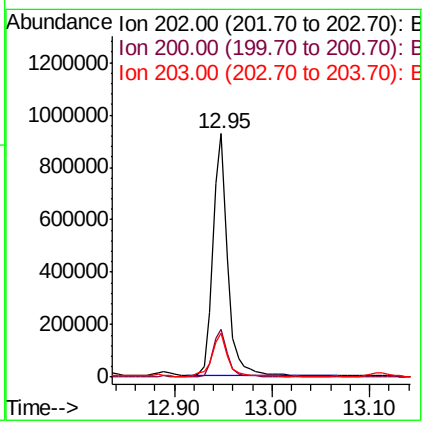


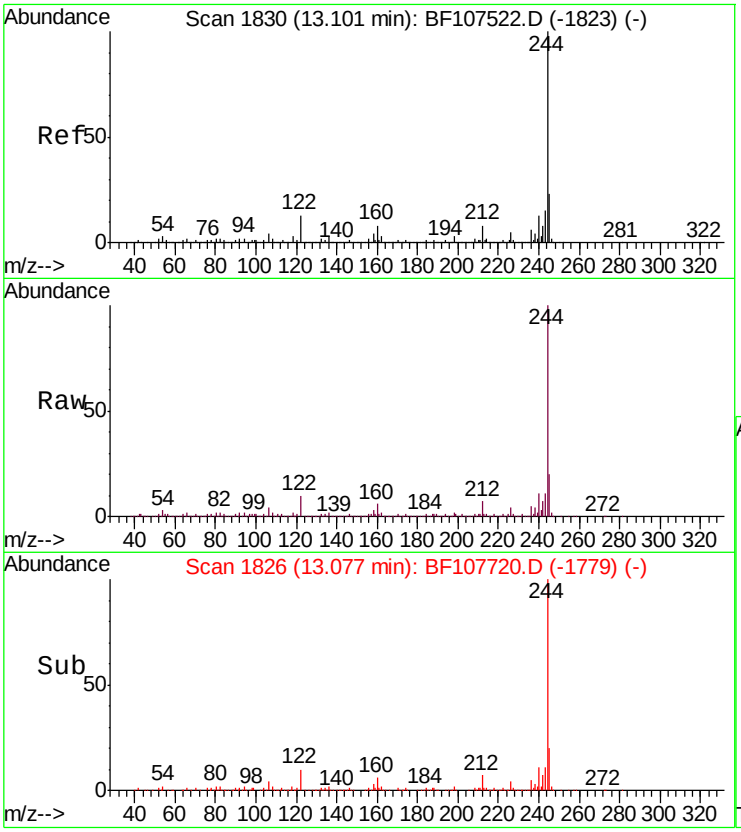


#77
Pyrene
Concen: 31.587 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:202 Resp: 965796

Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.4	26.2
203	18.2	14.3	21.5



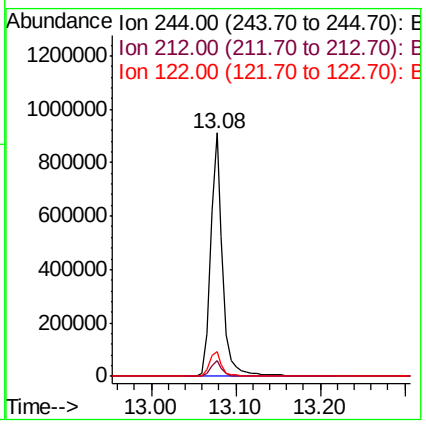


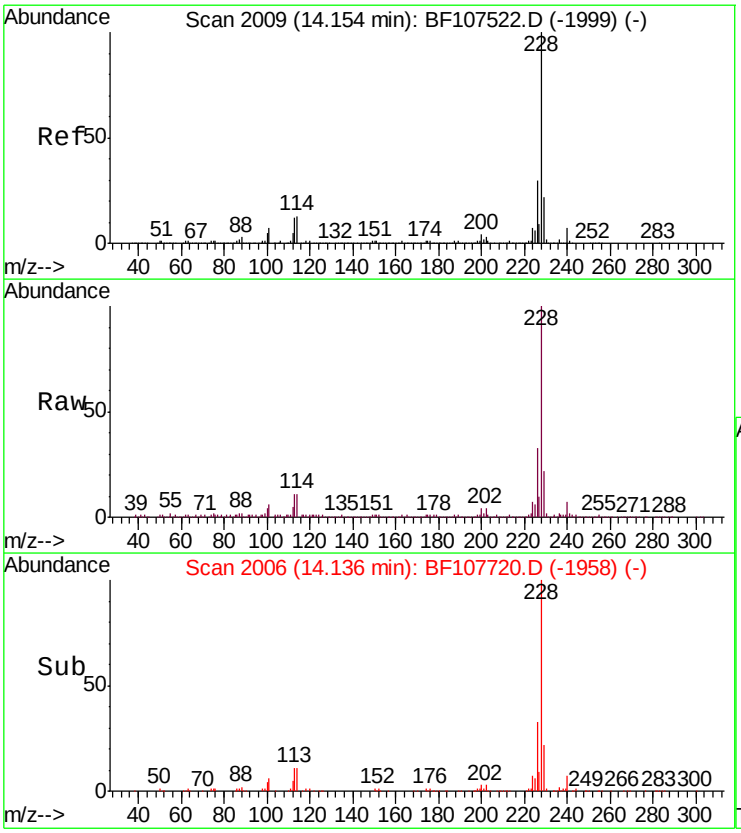
#78
Terphenyl-d14
Concen: 52.358 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:244 Resp: 914219

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.2	11.0	16.4#

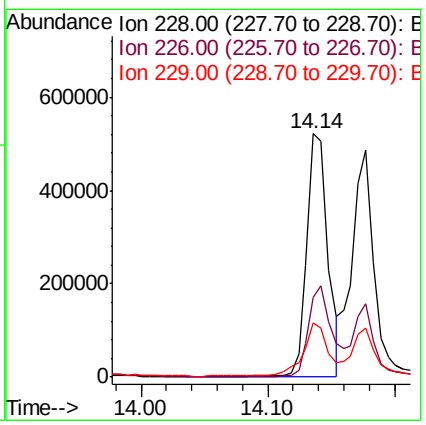


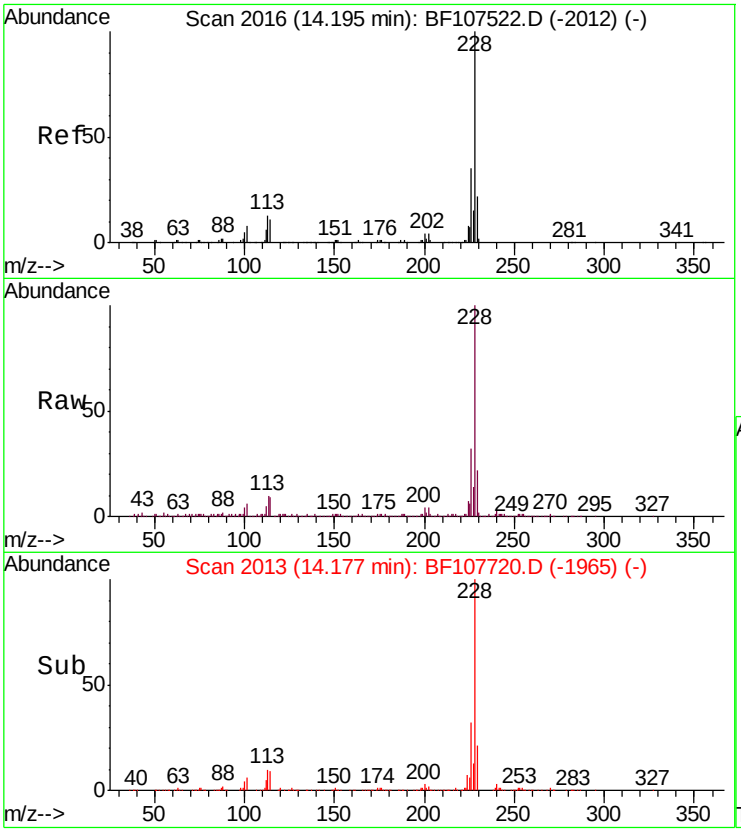


#80
Benzo(a)anthracene
Concen: 22.838 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:228 Resp: 598267

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	22.0	15.8	23.6



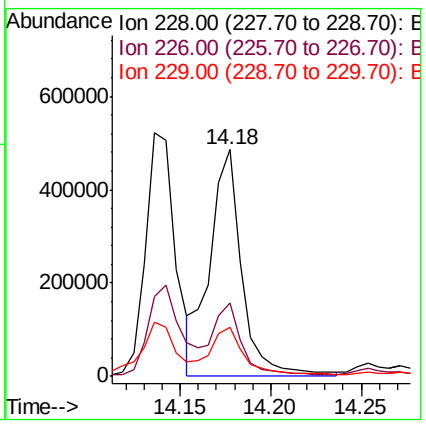


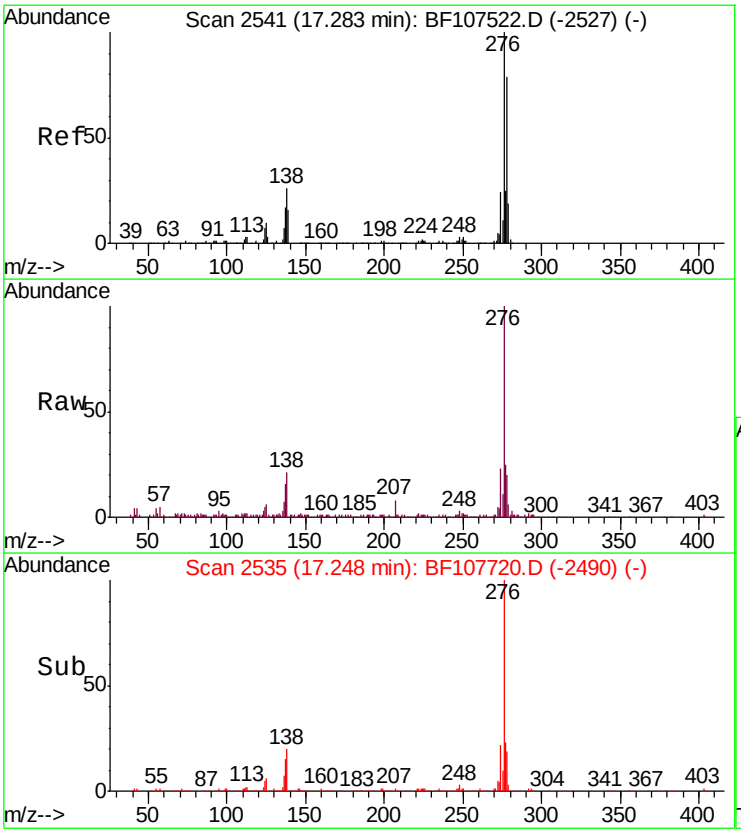
#82
Chrysene
Concen: 23.635 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:228 Resp: 594736

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.8	16.2	24.4

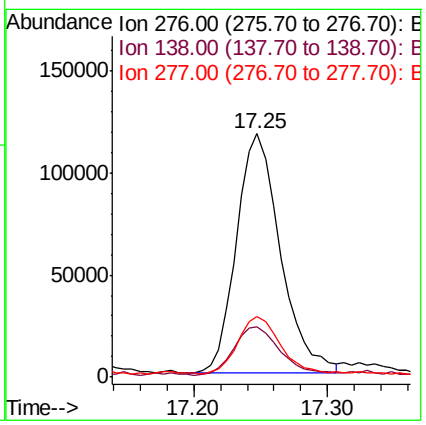


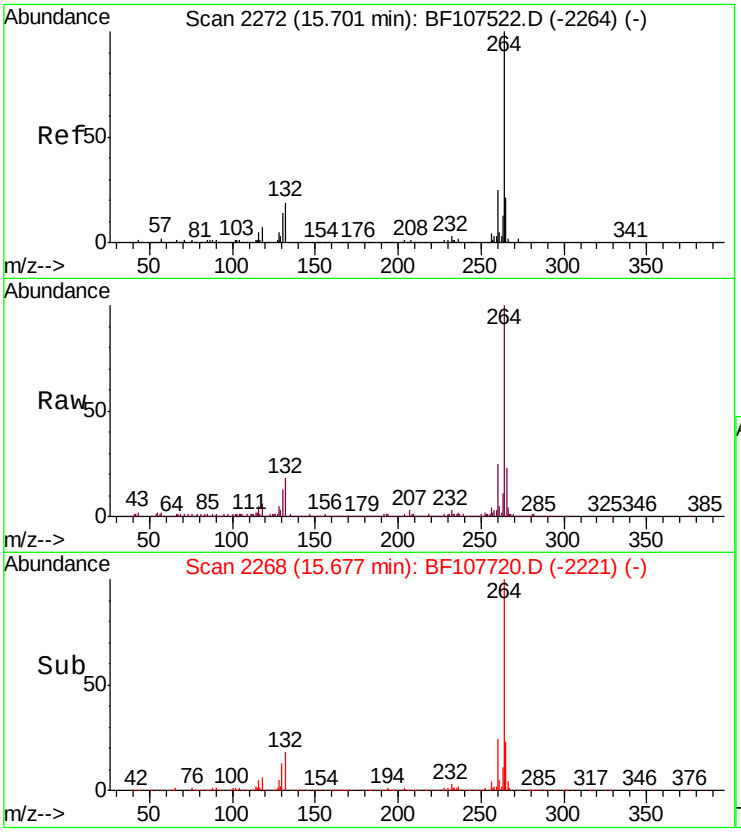


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.592 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.04 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:276 Resp: 268544

Ion	Ratio	Lower	Upper
276	100		
138	21.5	25.0	37.6#
277	23.5	20.1	30.1



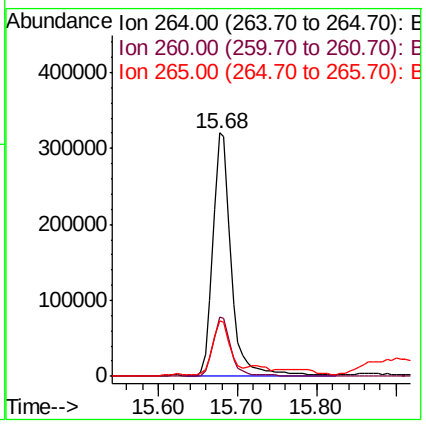


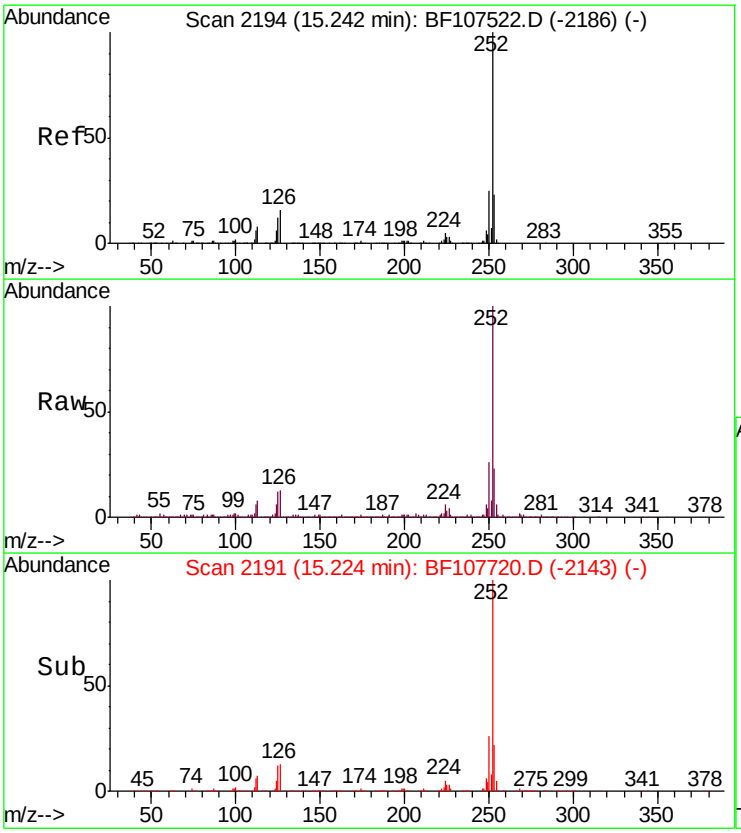
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:264 Resp: 508057

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.0	17.5	26.3

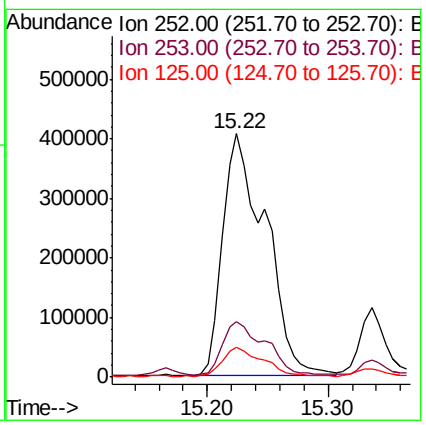


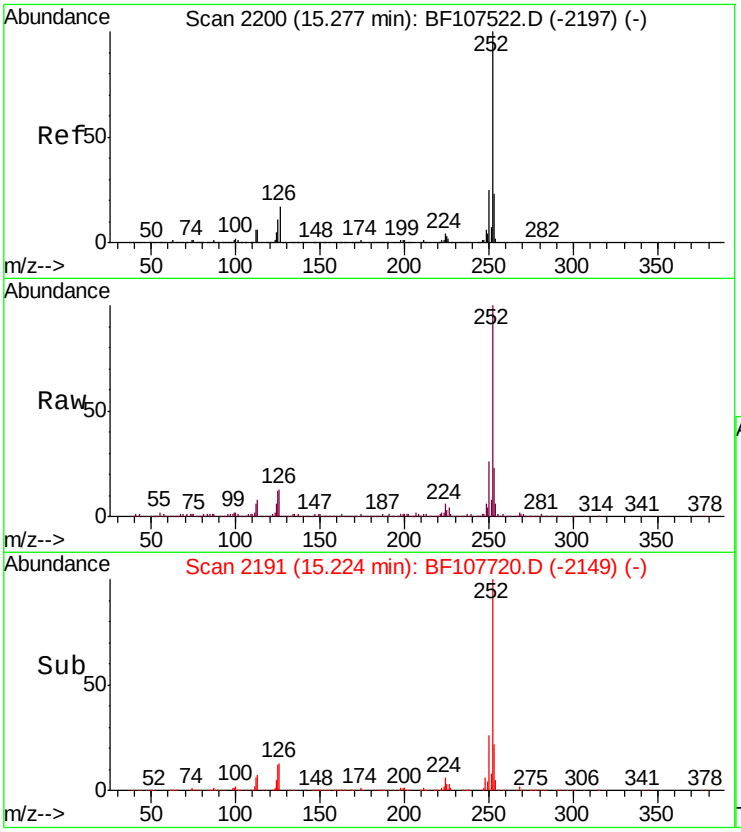


#87
Benzo(b)fluoranthene
Concen: 36.140 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:252 Resp: 1004898

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.1	9.0	13.6



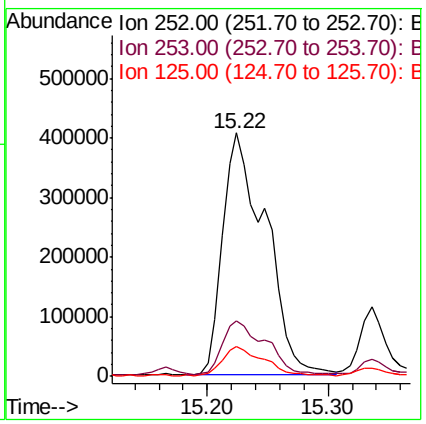


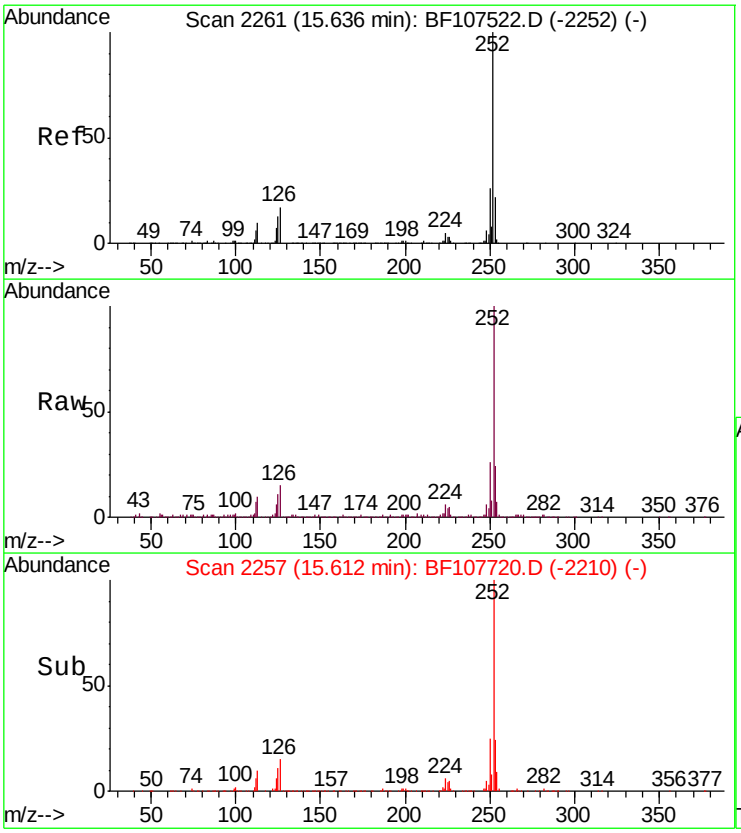
#88
Benzo(k)fluoranthene
Concen: 36.888 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:252 Resp: 1004898

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.1	10.2	15.2

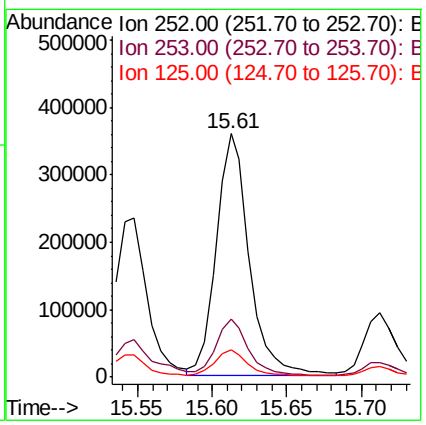


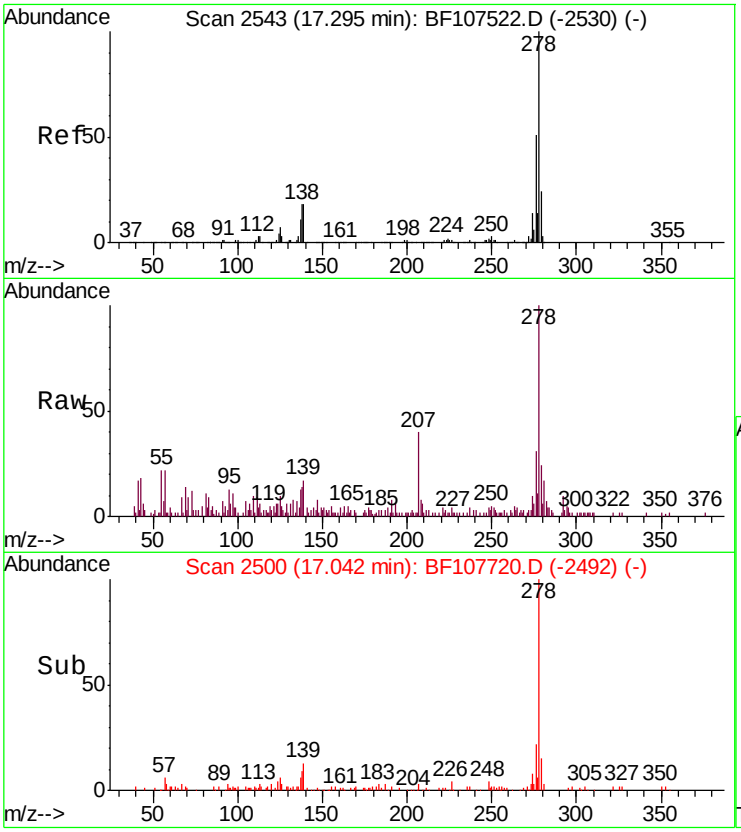


#89
Benzo(a)pyrene
Concen: 21.823 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:252 Resp: 555047

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	11.5	9.8	14.6



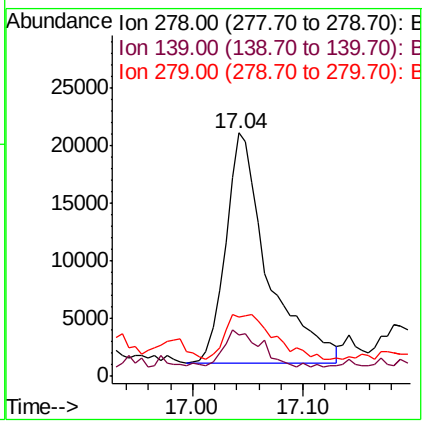


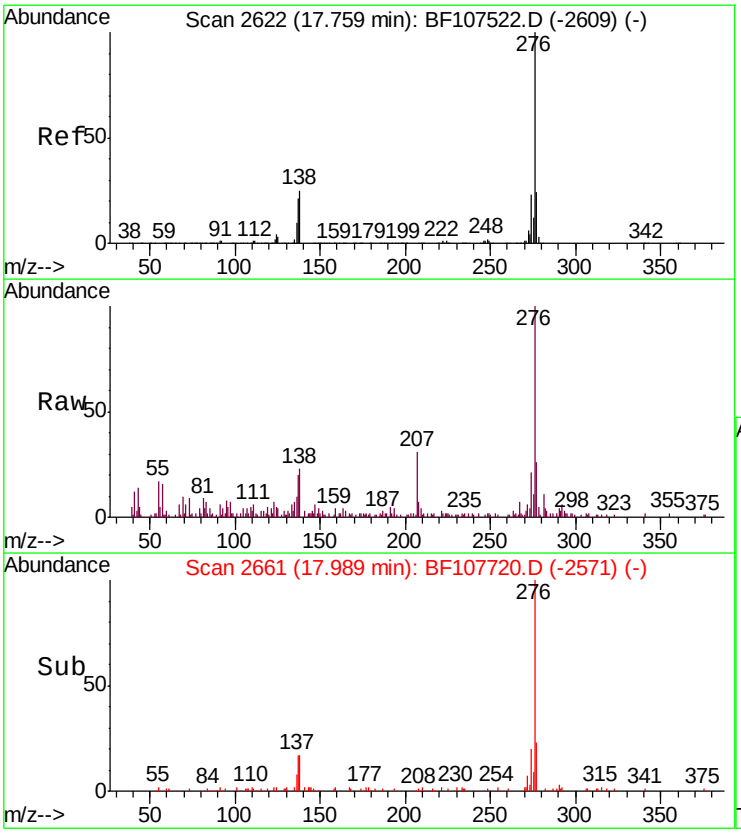
#90
Dibenzo(a,h)anthracene
Concen: 2.432 ng
RT: 17.04 min Scan# 2500
Delta R.T. -0.25 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Instrument :
BNA_F
ClientSampleId :
SB-9(3-5)

Tgt Ion:278 Resp: 53479

Ion	Ratio	Lower	Upper
278	100		
139	16.9	15.9	23.9
279	24.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.530 ng
RT: 17.99 min Scan# 2661
Delta R.T. 0.23 min
Lab File: BF107720.D
Acq: 27 Jul 2018 00:31

Tgt Ion:276 Resp: 54871

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	23.3	21.8	32.8