Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107762.D
Acq On : 27 Jul 2018 22:37
Operator : JU/SJ
Sample : J4136-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CON-SB-01-02-03-0-25

Quant Time: Jul 28 01:19:10 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	140067	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	587245	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	238884	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	403243	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	383019	20.00	ng		-0.02
86) Perylene-d12	15.68	264	345090	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	529197	60.75	ng		-0.01
7) Phenol-d6	6.60	99	715674	68.42	ng		-0.02
23) Nitrobenzene-d5	7.52	82	450197	51.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	178176	65.59	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	781989	49.48	ng		-0.02
78) Terphenyl-d14	13.08	244	633831	42.37	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	12251	Below Cal			88
19) n-Nitroso-di-n-propylamine	7.52	70	52276	7.736	ng	#	79
25) Isophorone	7.52	82	450197	24.231	ng	#	64
49) Dimethylphthalate	9.71	163	206642	11.478	ng		98
56) 2,4-Dinitrotoluene	10.00	165	30074	6.970	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.79	198	113	8.728	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	9868	2.079	ng	#	1
70) Phenanthrene	11.52	178	179839	9.152	ng		97
71) Anthracene	11.57	178	74758	3.779	ng		99
73) Di-n-butylphthalate	12.04	149	5314	Below Cal		#	83
74) Fluoranthene	12.71	202	354959	16.834	ng		97
77) Pyrene	12.95	202	289161	11.037	ng		98
80) Benzo(a)anthracene	14.14	228	156226	6.960	ng		95
81) 3,3'-Dichlorobenzidine	14.09	252	108	Below Cal		#	27
82) Chrysene	14.17	228	115392	5.352	ng		99
87) Benzo(b)fluoranthene	15.22	252	172299	9.123	ng		98
88) Benzo(k)fluoranthene	15.22	252	172299	9.312	ng		100
89) Benzo(a)pyrene	15.61	252	82325	4.765	ng		96
91) Benzo(g,h,i)perylene	17.73	276	32154	2.183	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107762.D
Acq On : 27 Jul 2018 22:37
Operator : JU/SJ
Sample : J4136-02
Misc :
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Instrument :
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CON-SB-01-02-03-0-25

Quant Time: Jul 28 01:19:10 2018
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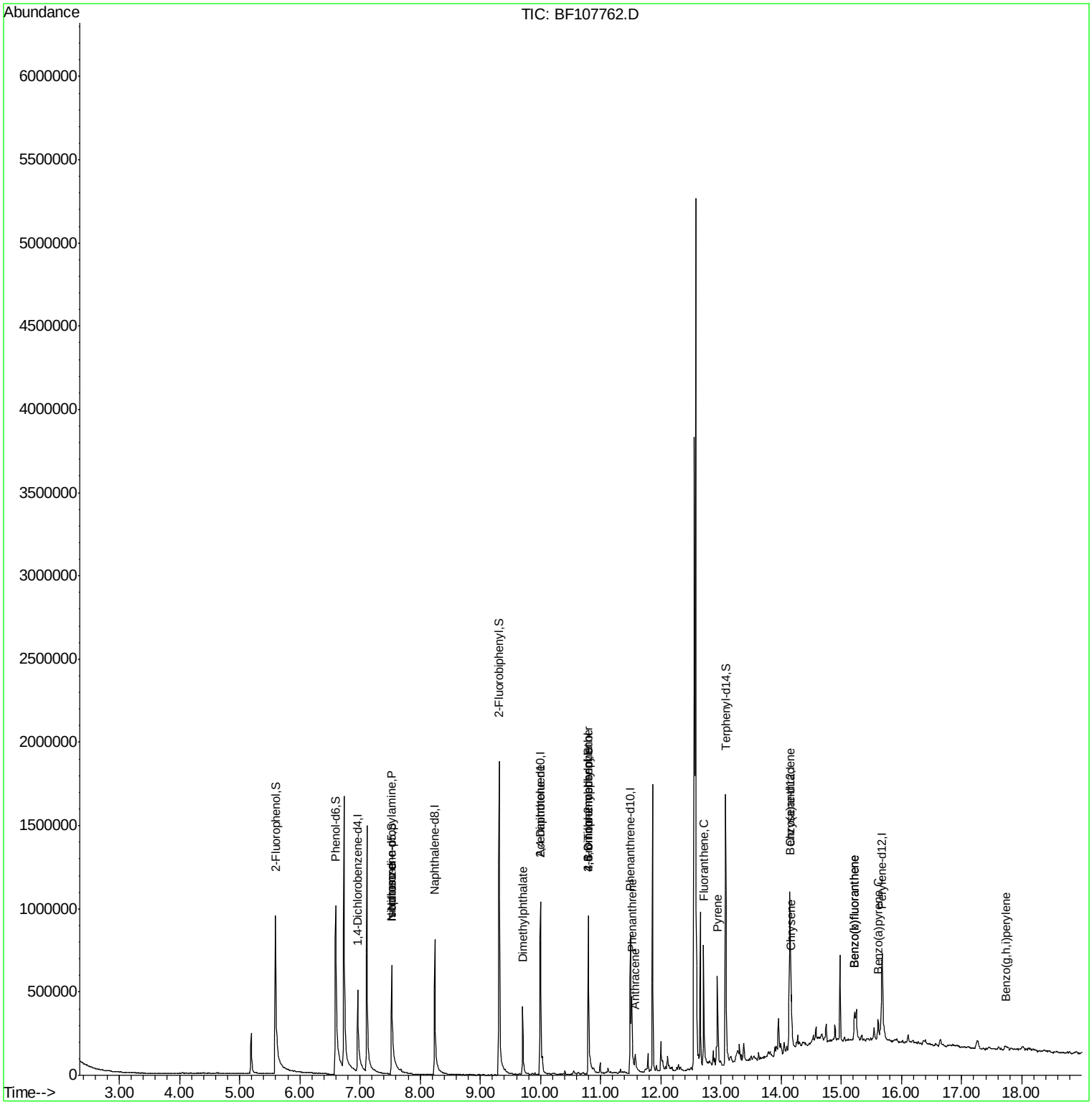
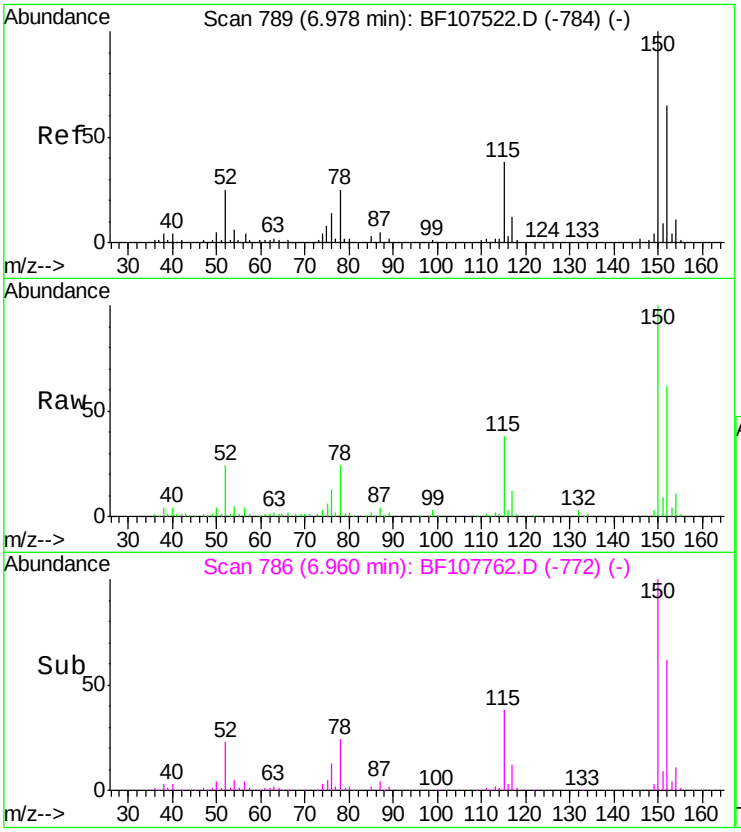


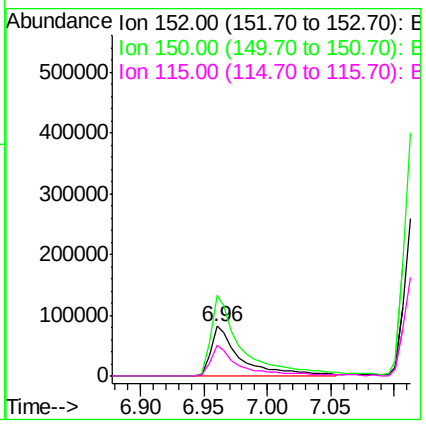


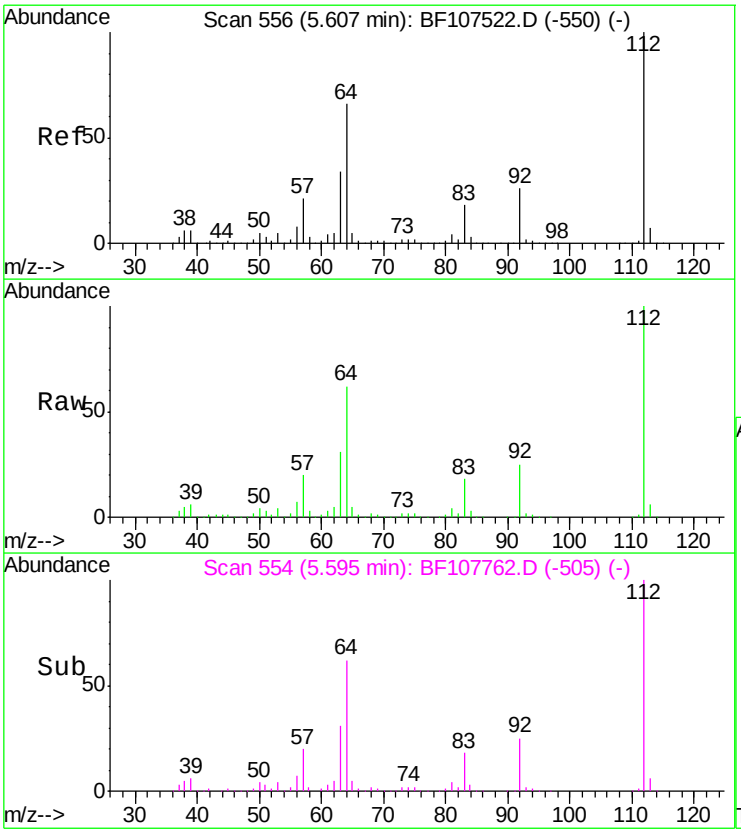
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:152 Resp: 140067

Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.6	186.8
115	61.2	50.1	75.1

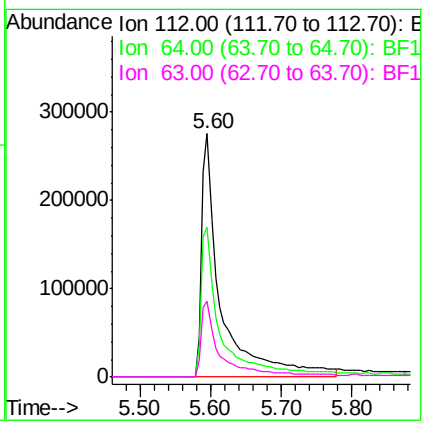


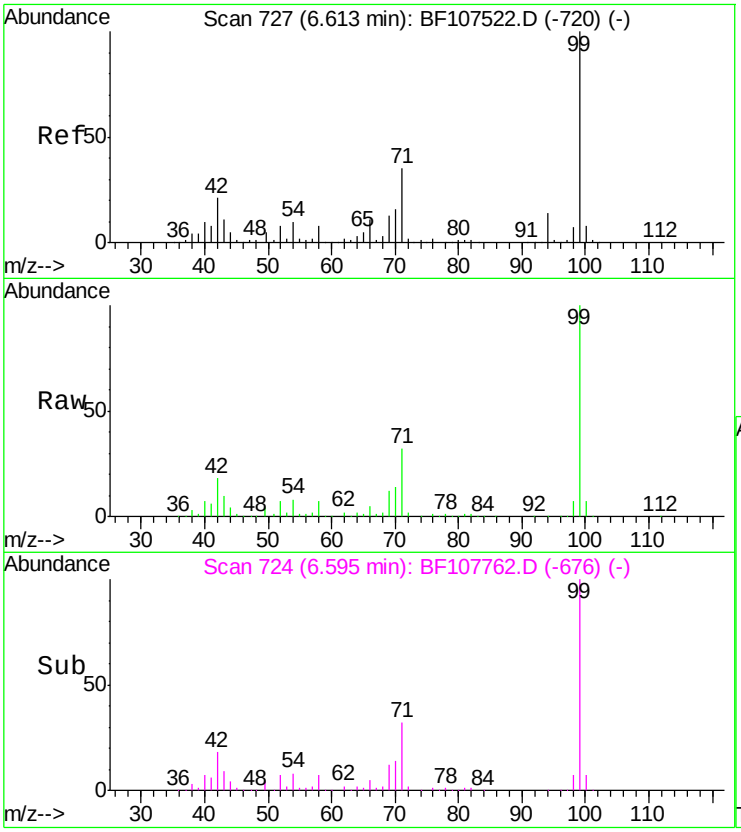


#5
2-Fluorophenol
Concen: 60.746 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:112 Resp: 529197

Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	31.1	23.7	35.5



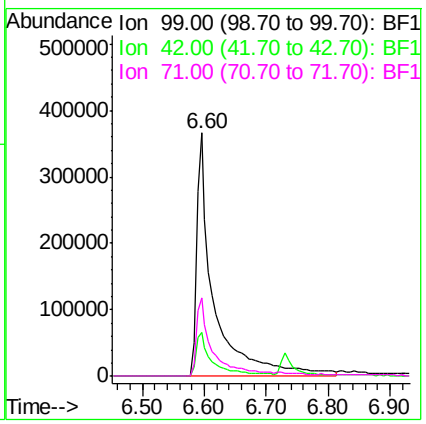


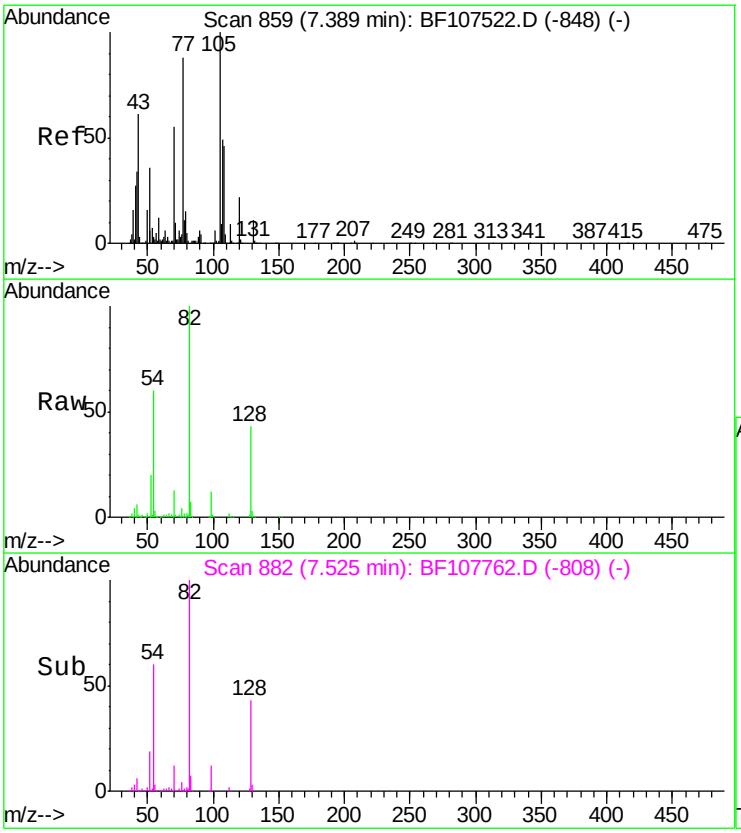
#7
Phenol-d6
Concen: 68.417 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion: 99 Resp: 715674

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.3	25.4	38.0

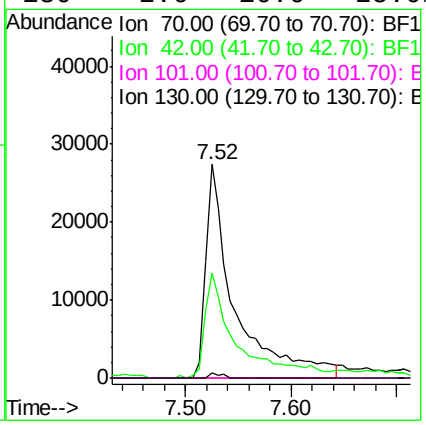


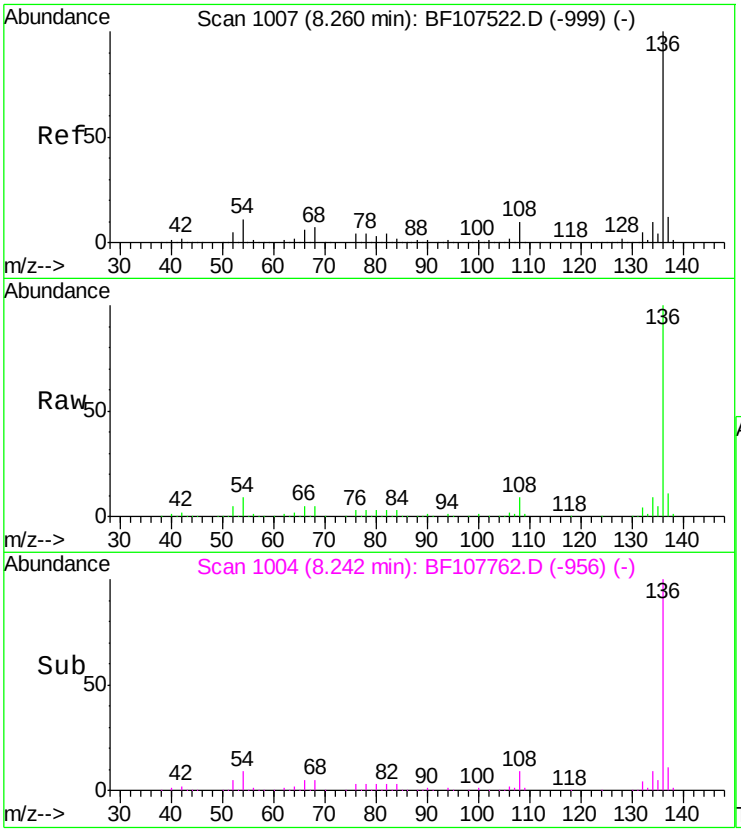


#19
n-Nitroso-di-n-propylamine
Concen: 7.736 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion: 70 Resp: 52276

Ion	Ratio	Lower	Upper
70	100		
42	49.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



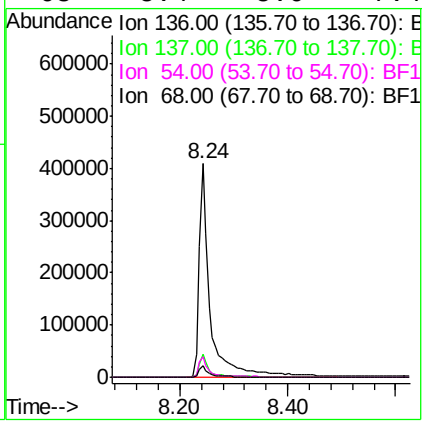


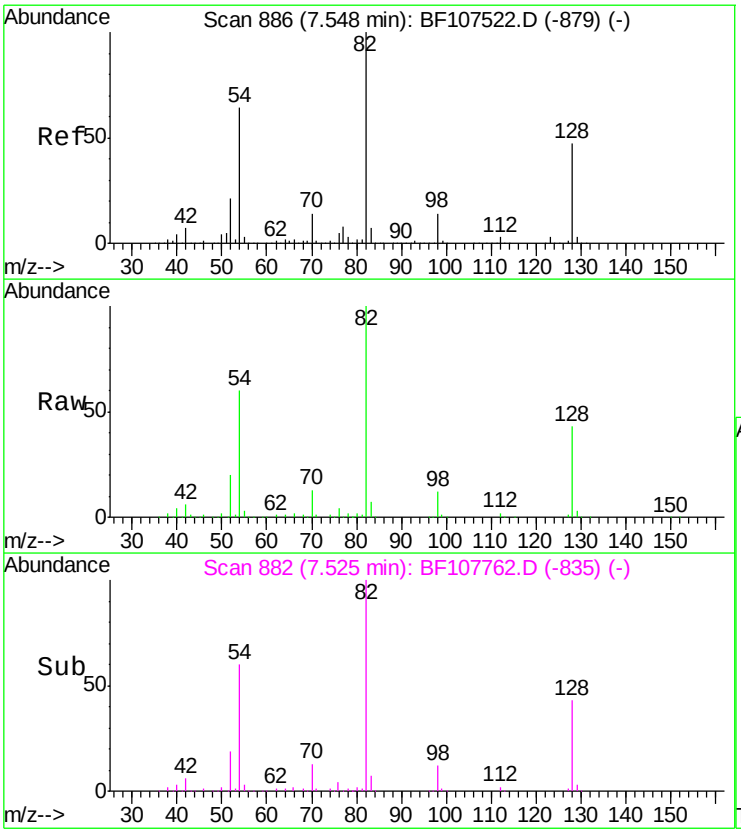
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:136 Resp: 587245

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	5.4	5.0	7.4

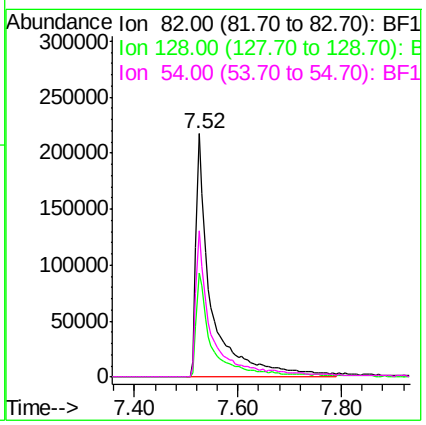


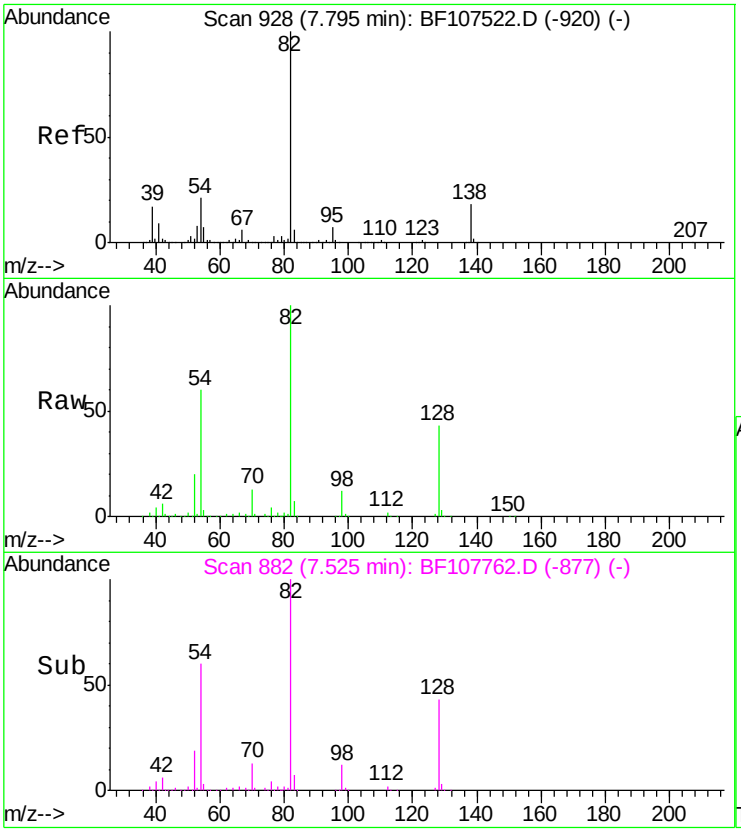


#23
Nitrobenzene-d5
Concen: 51.738 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion: 82 Resp: 450197

Ion	Ratio	Lower	Upper
82	100		
128	42.7	36.1	54.1
54	60.0	41.4	62.2



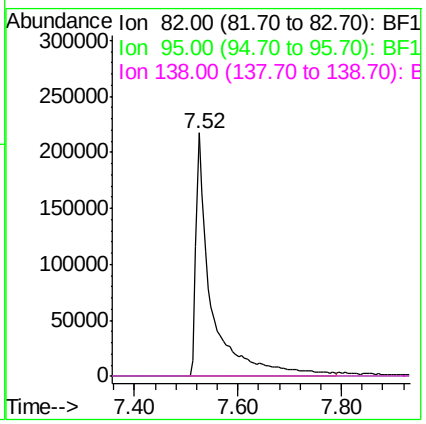


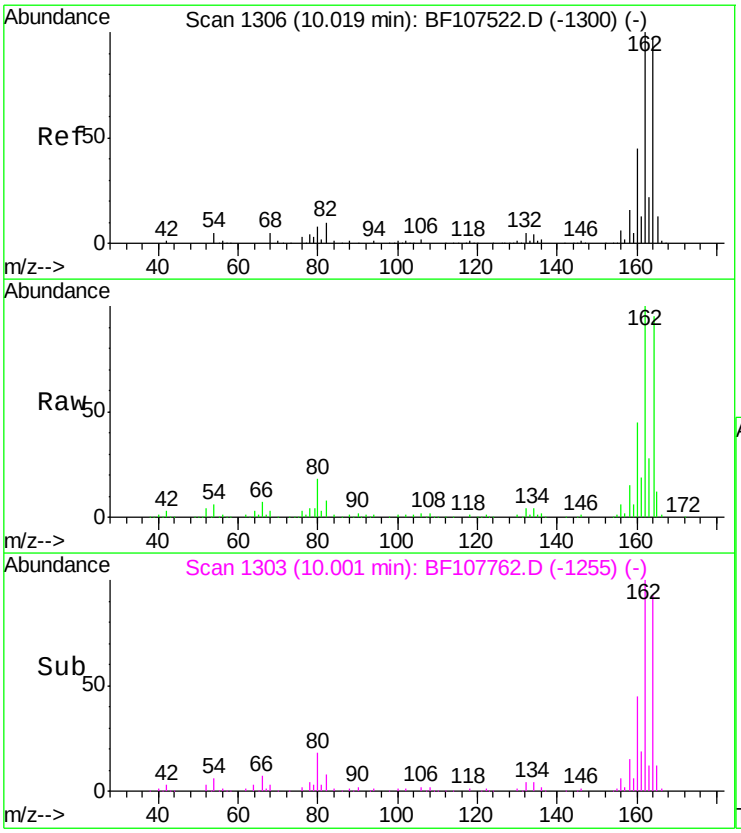
#25
Isophorone
Concen: 24.231 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion: 82 Resp: 450197

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

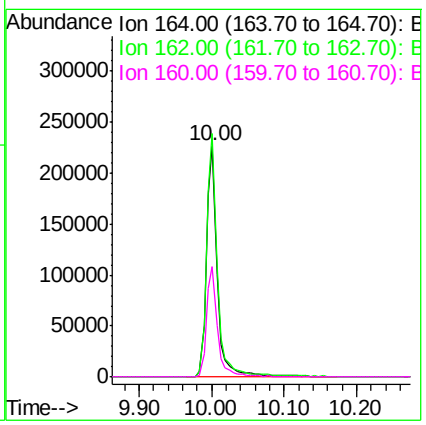


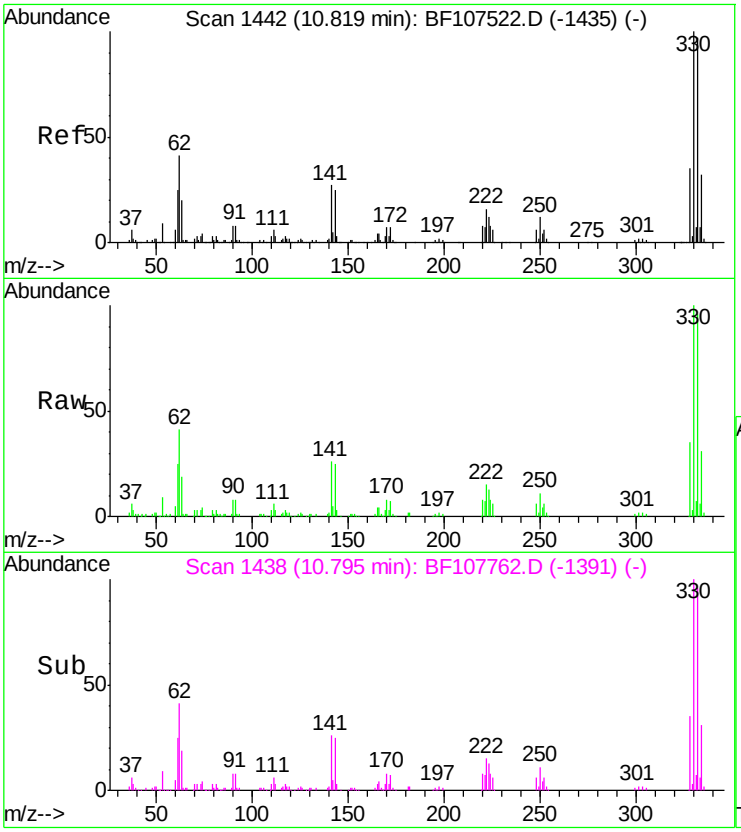


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:164 Resp: 238884

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.5	38.3	57.5



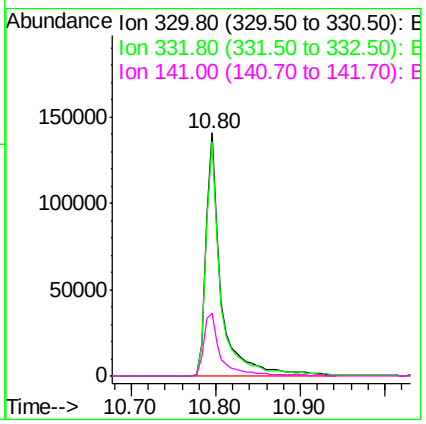


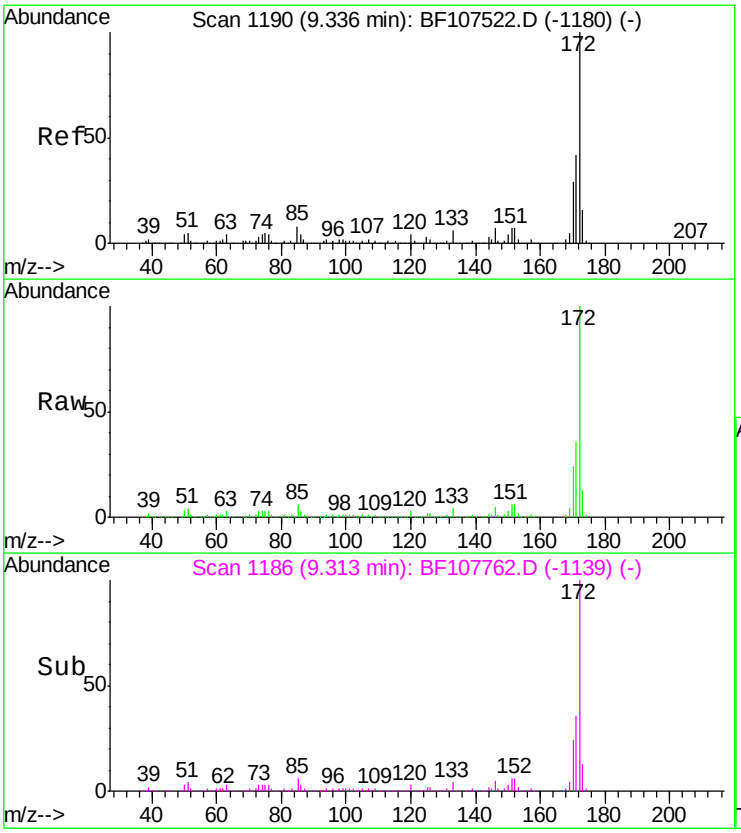
#41
2,4,6-Tribromophenol
Concen: 65.591 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:330 Resp: 178176

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.2	29.9	44.9#

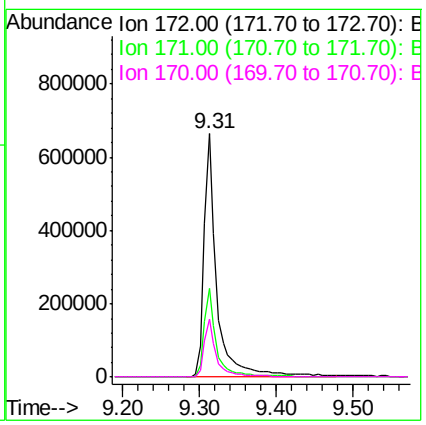


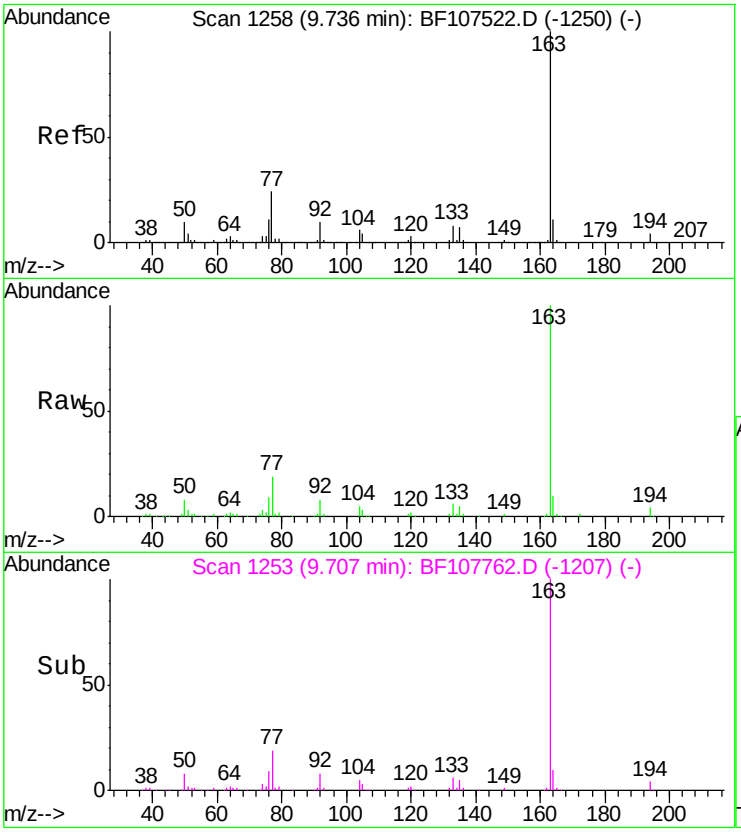


#44
2-Fluorobiphenyl
Concen: 49.480 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:172 Resp: 781989

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.7	19.6	29.4



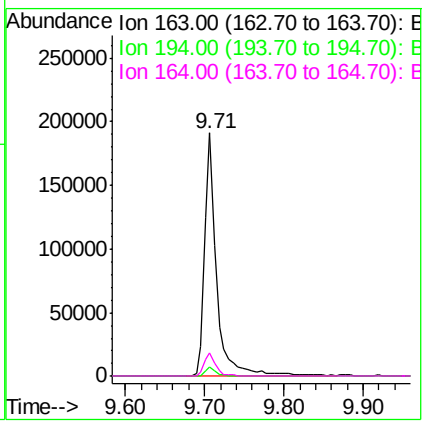


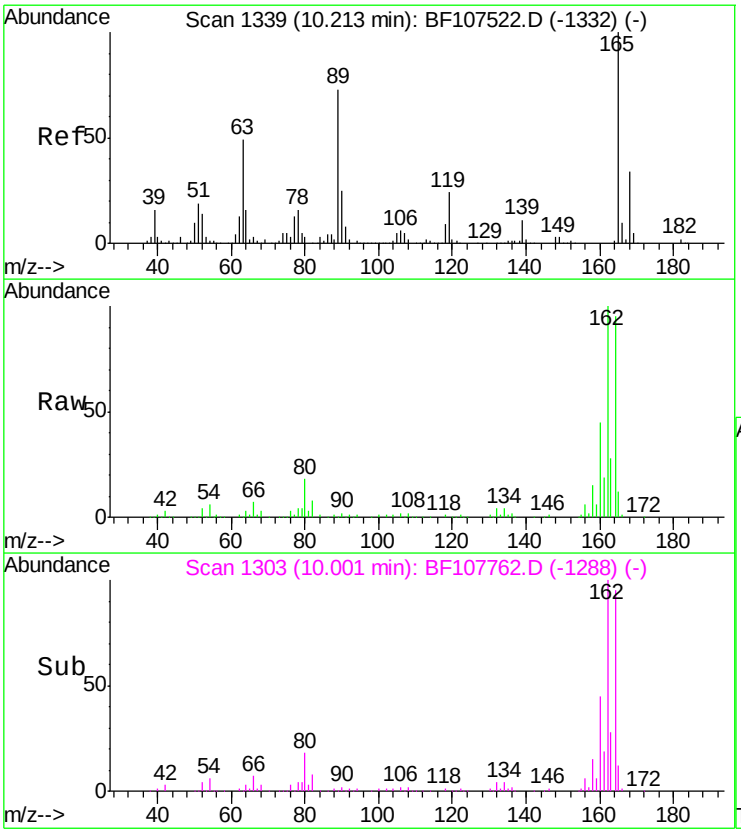
#49
Dimethylphthalate
Concen: 11.478 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:163 Resp: 206642

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

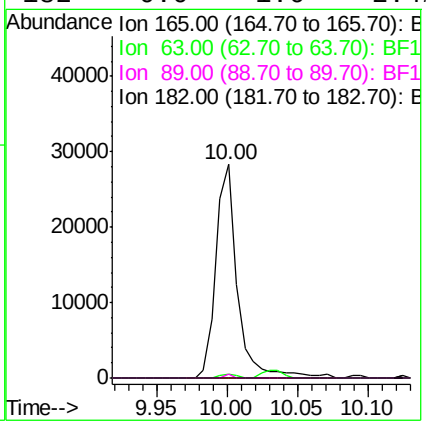


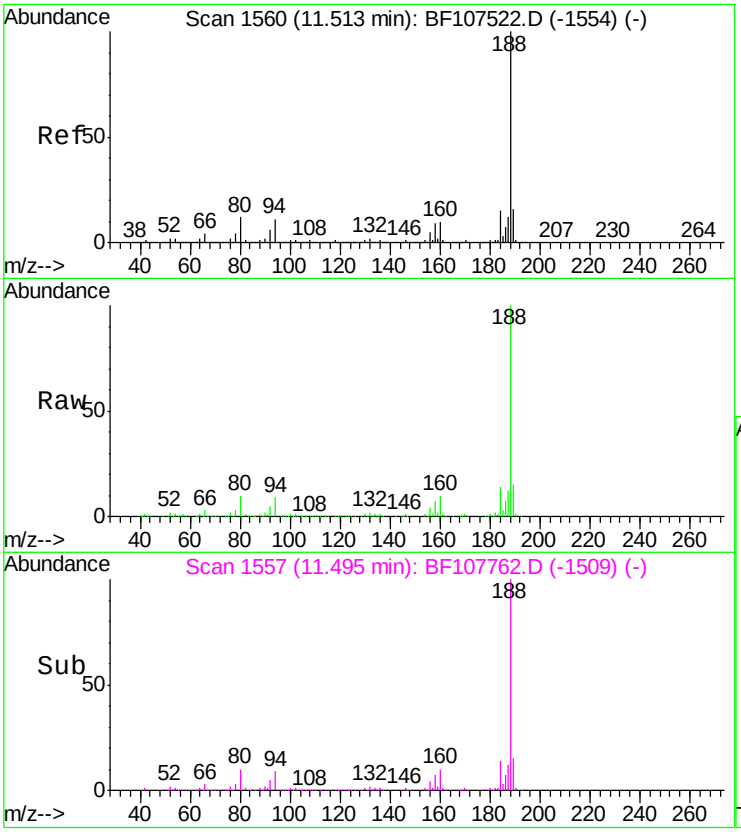


#56
2,4-Dinitrotoluene
Concen: 6.970 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:165 Resp: 30074

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



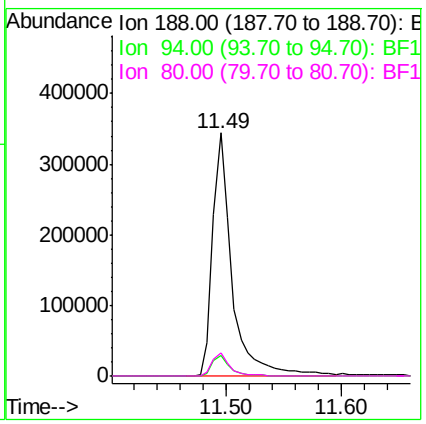


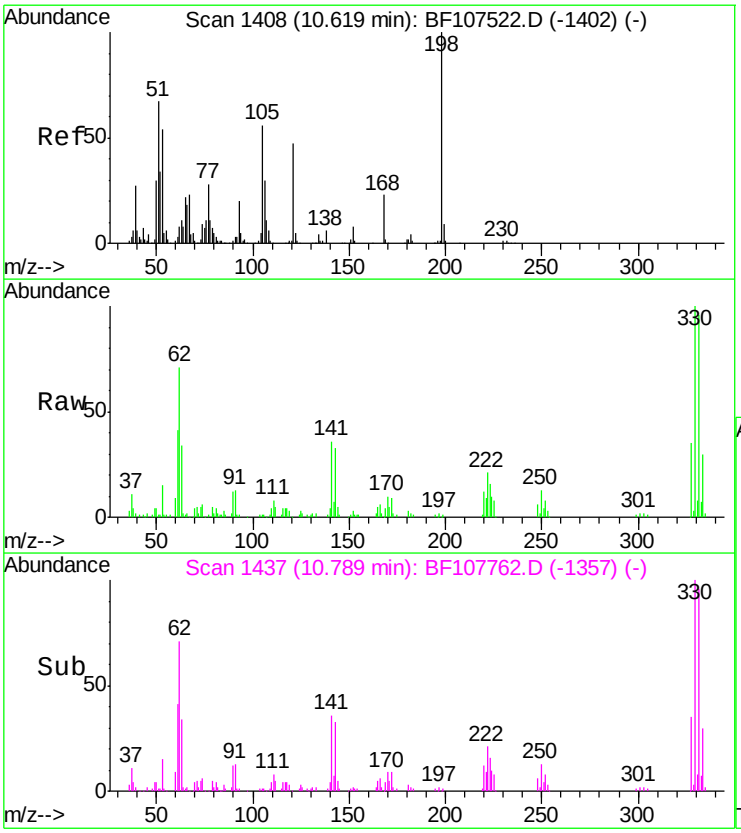
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:188 Resp: 403243

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.7	9.2	13.8

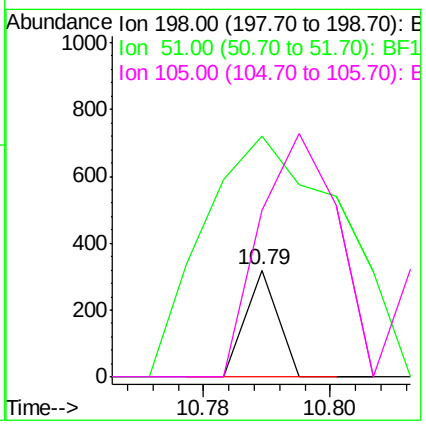


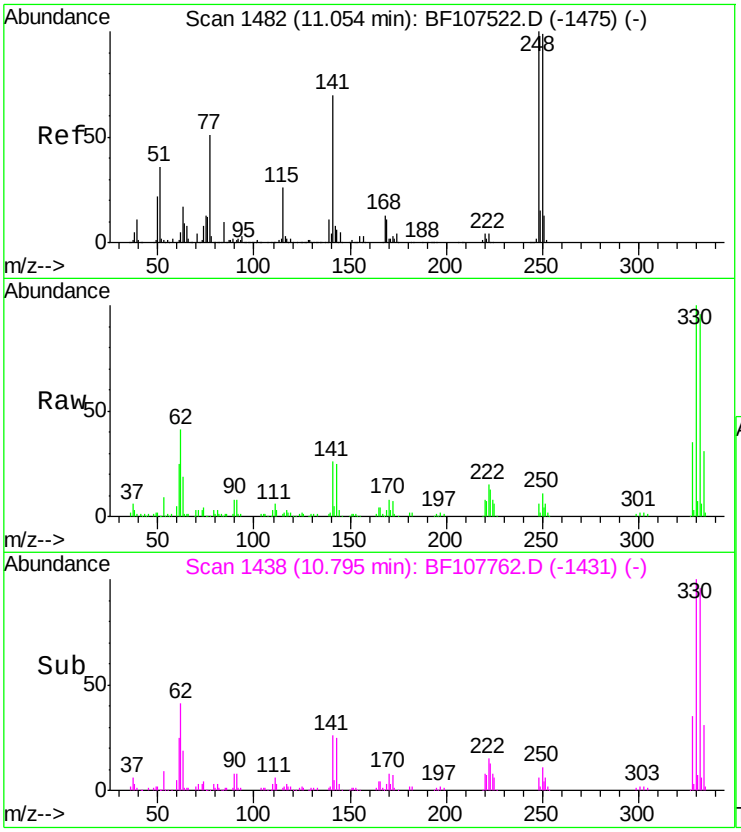


#64
4,6-Dinitro-2-methylphenol
Concen: 8.728 ng
RT: 10.79 min Scan# 1437
Delta R.T. 0.17 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	225.3	37.7	77.7#
105	155.9	36.3	76.3#



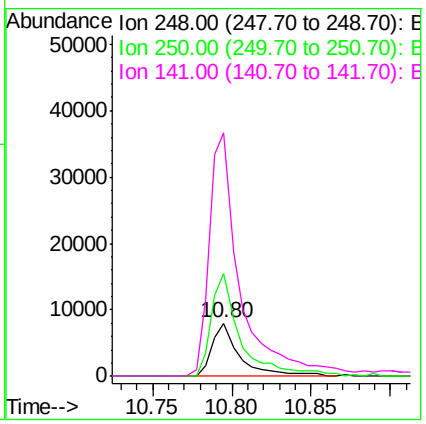


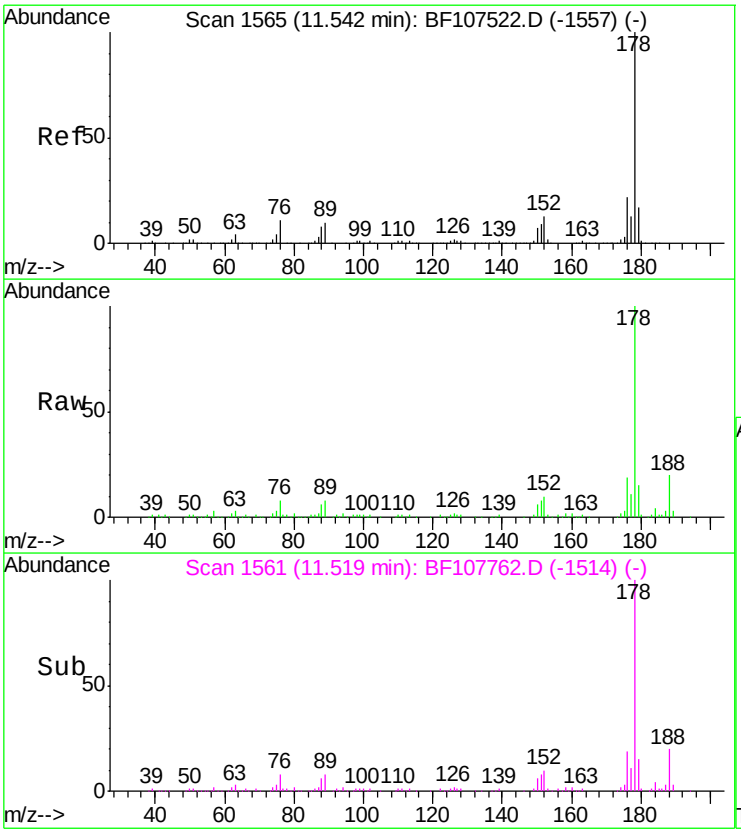
#66
4-Bromophenyl-phenylether
Concen: 2.079 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:248 Resp: 9868

Ion	Ratio	Lower	Upper
248	100		
250	193.5	76.9	115.3#
141	460.5	74.4	111.6#

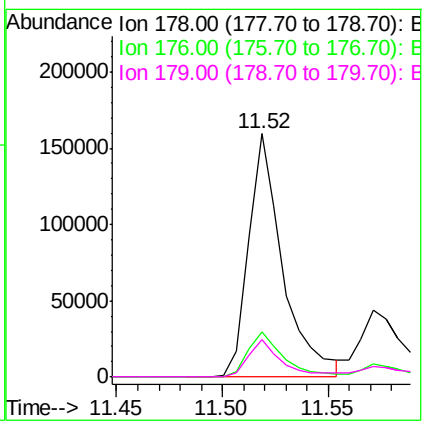


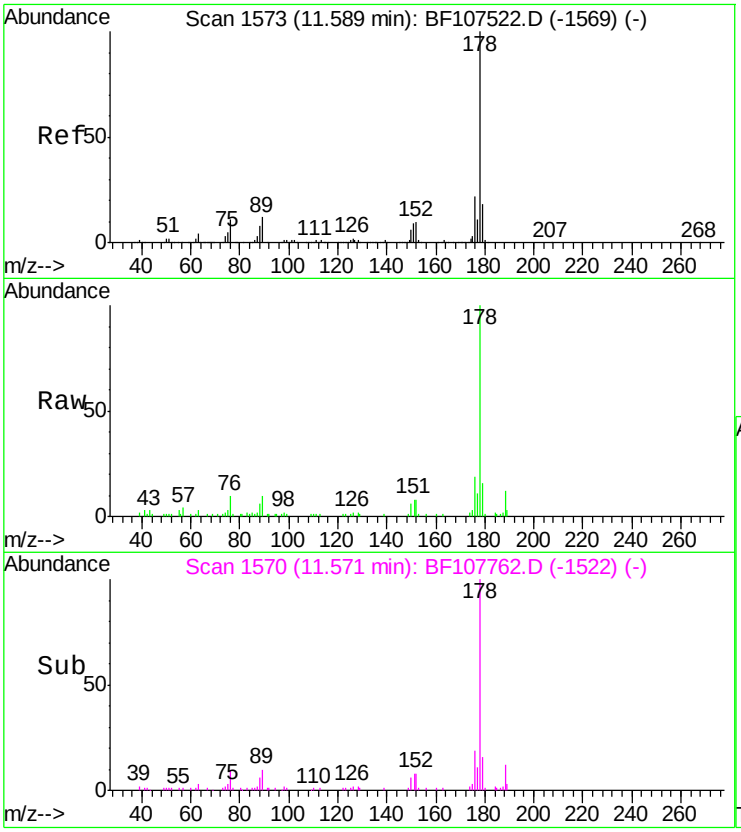


#70
Phenanthrene
Concen: 9.152 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:178 Resp: 179839

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.2	13.0	19.6



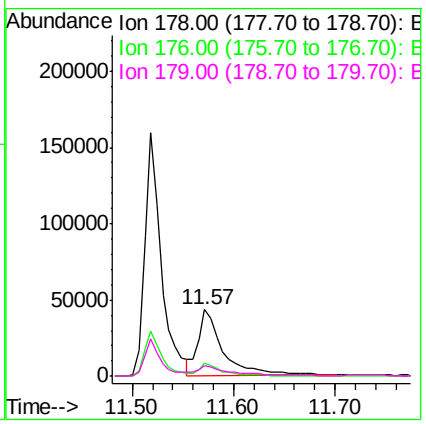


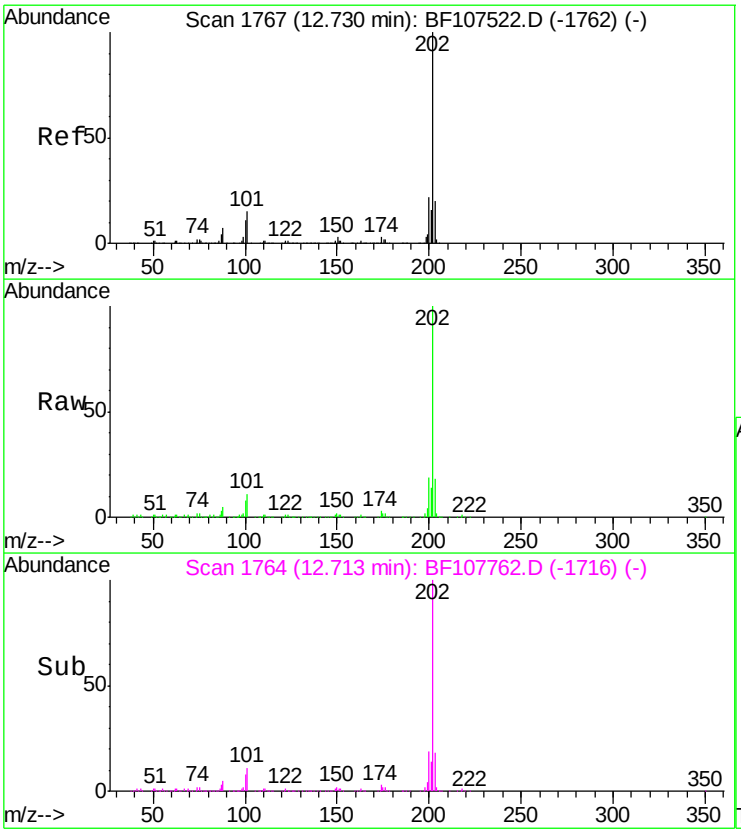
#71
Anthracene
Concen: 3.779 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:178 Resp: 74758

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.5	12.6	19.0

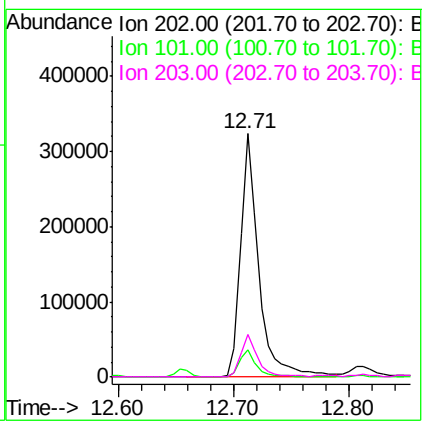


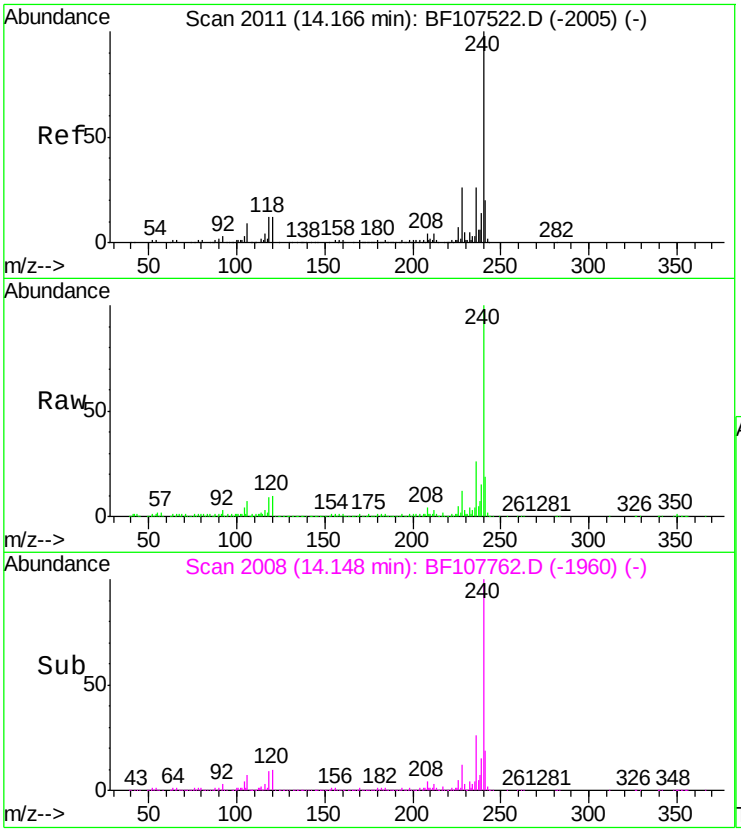


#74
Fluoranthene
Concen: 16.834 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:202 Resp: 354959

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1



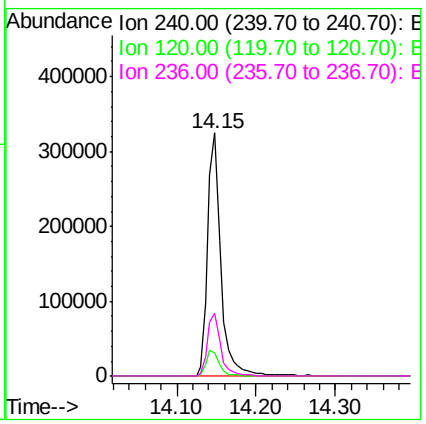


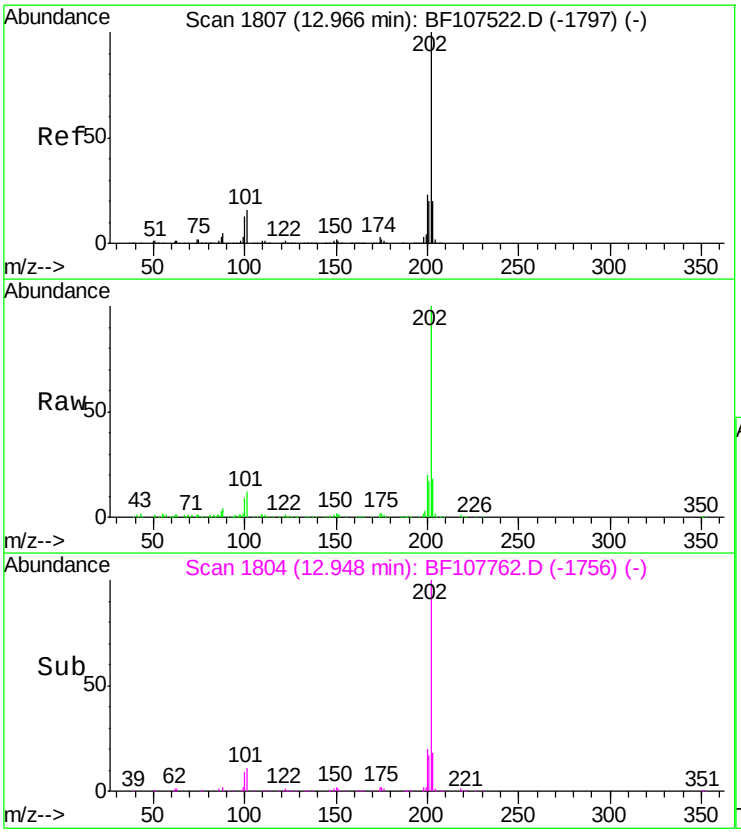
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:240 Resp: 383019

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.9	20.7	31.1

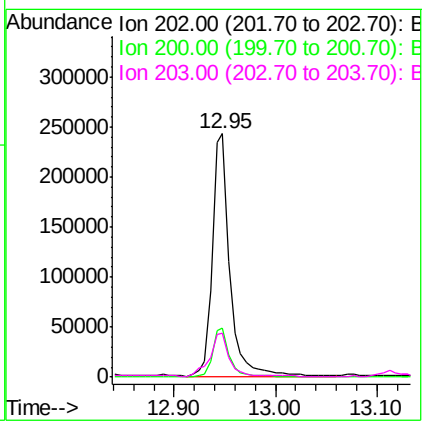


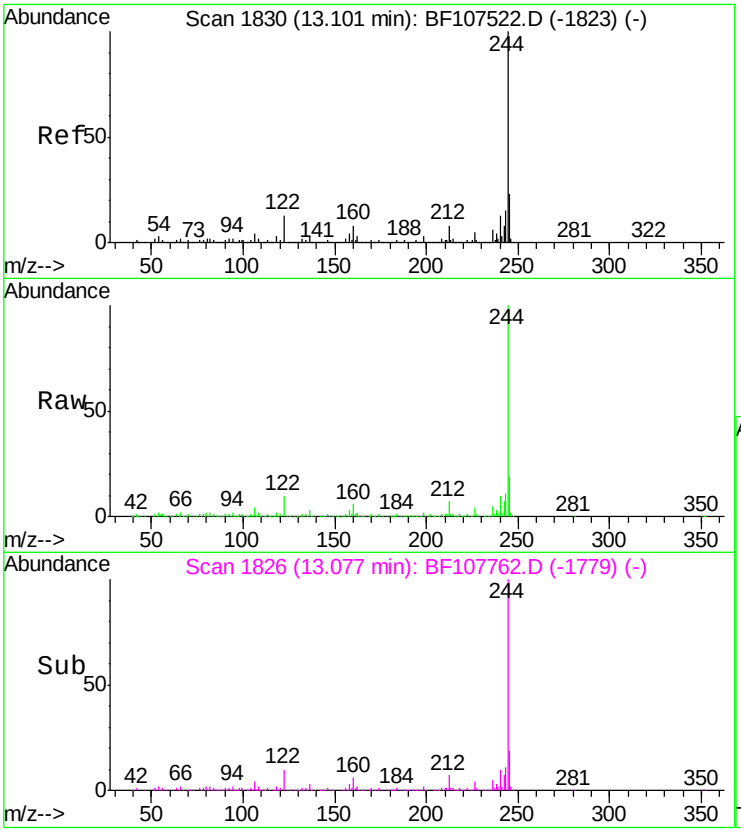


#77
Pyrene
Concen: 11.037 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:202 Resp: 289161

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.9	14.3	21.5



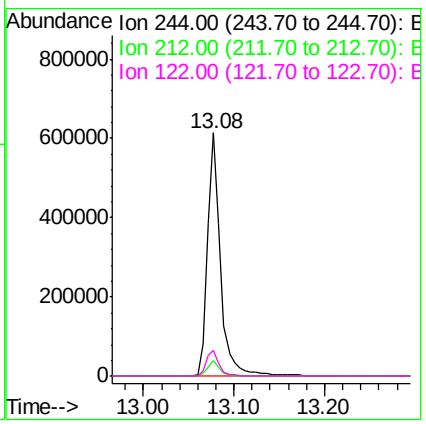


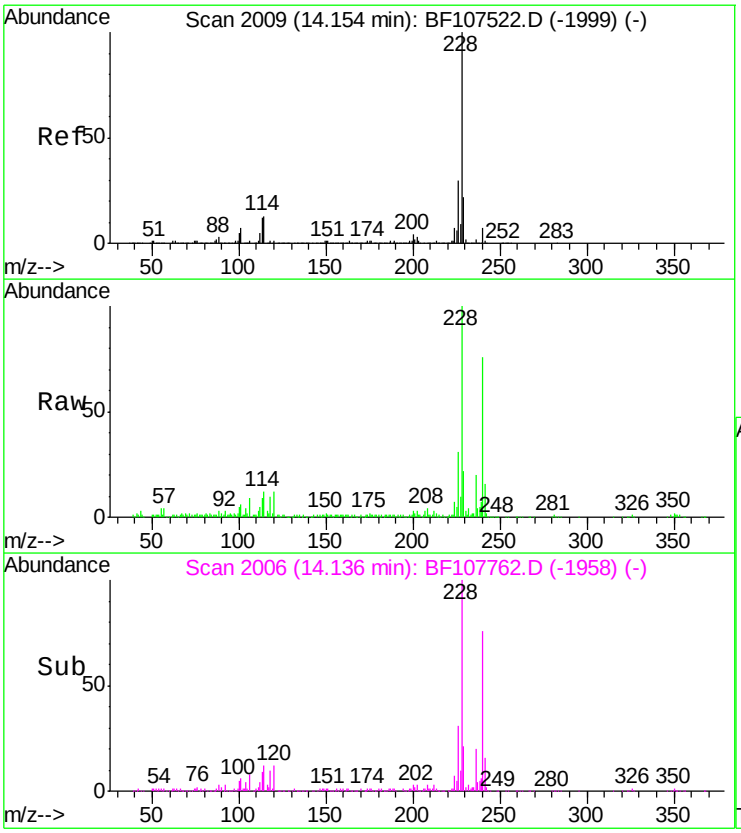
#78
Terphenyl-d14
Concen: 42.365 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:244 Resp: 633831

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.5	11.0	16.4#

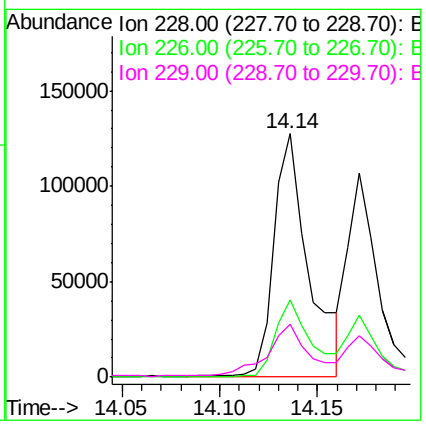


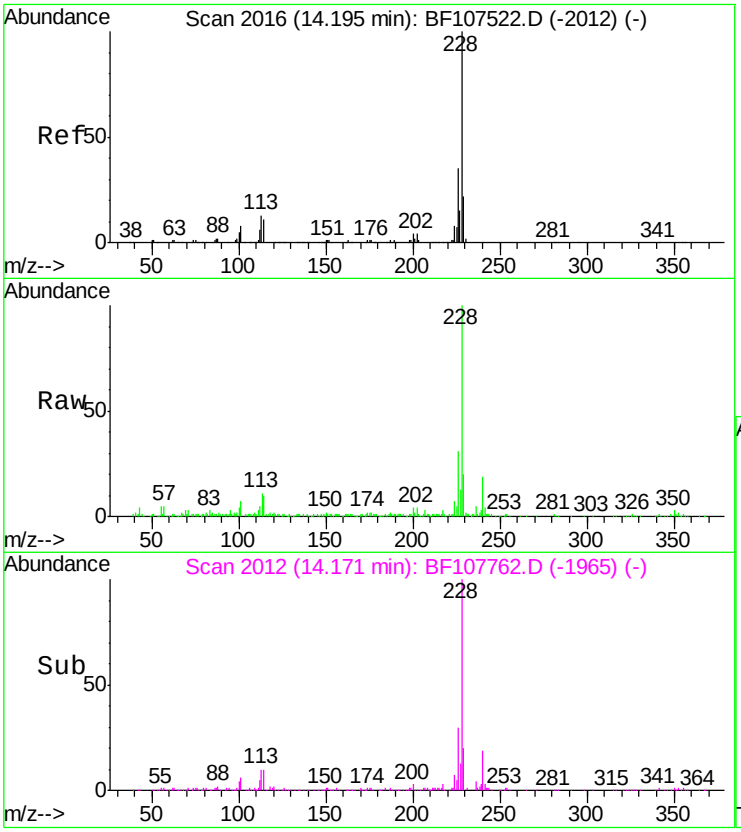


#80
Benzo(a)anthracene
Concen: 6.960 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:228 Resp: 156226

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	21.6	15.8	23.6



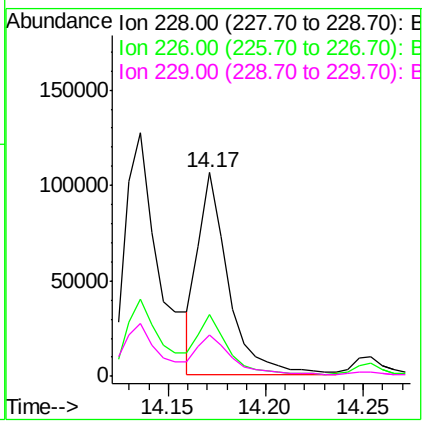


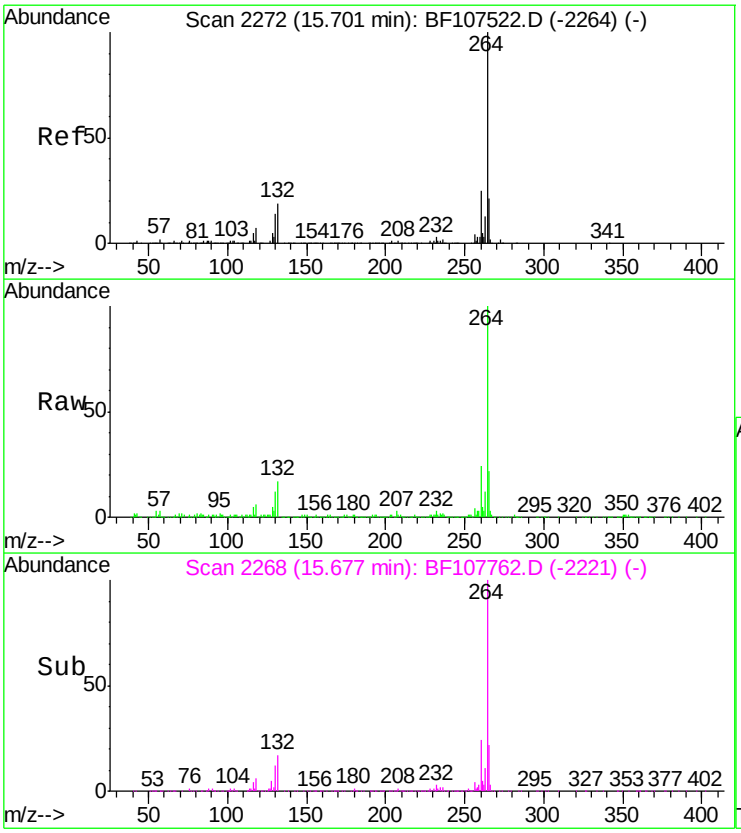
#82
Chrysene
Concen: 5.352 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:228 Resp: 115392

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.4	16.2	24.4

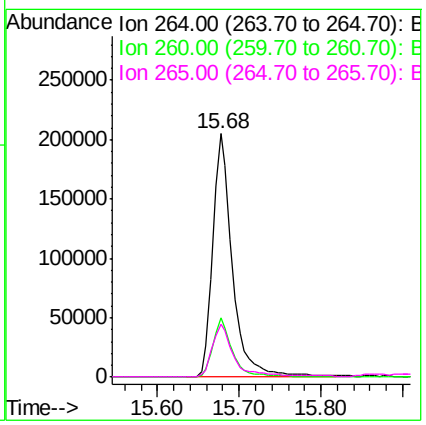


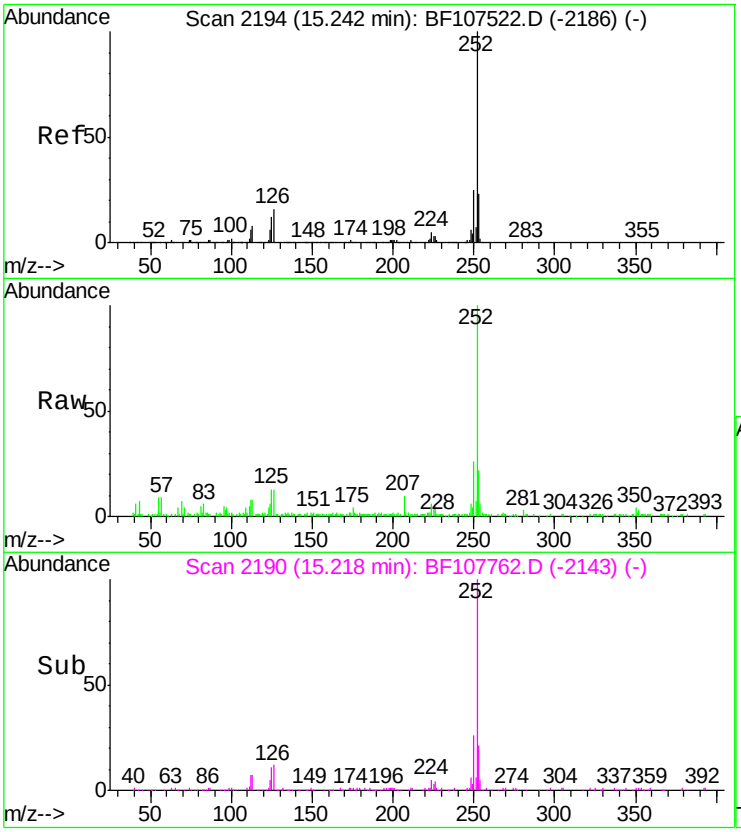


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:264 Resp: 345090

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3



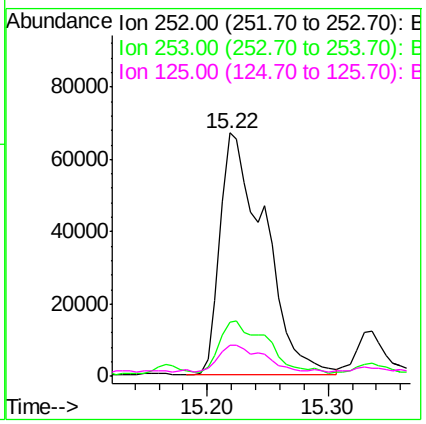


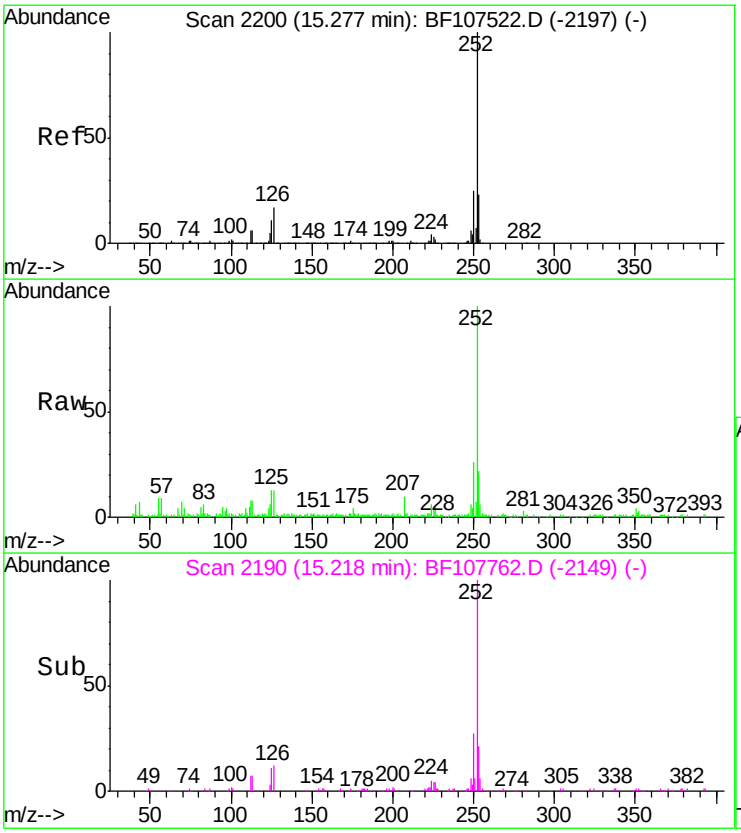
#87
Benzo(b)fluoranthene
Concen: 9.123 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:252 Resp: 172299

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.8	9.0	13.6

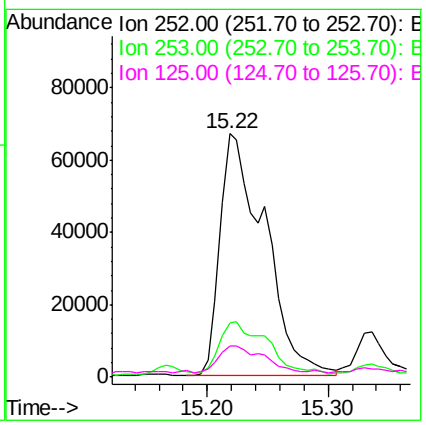


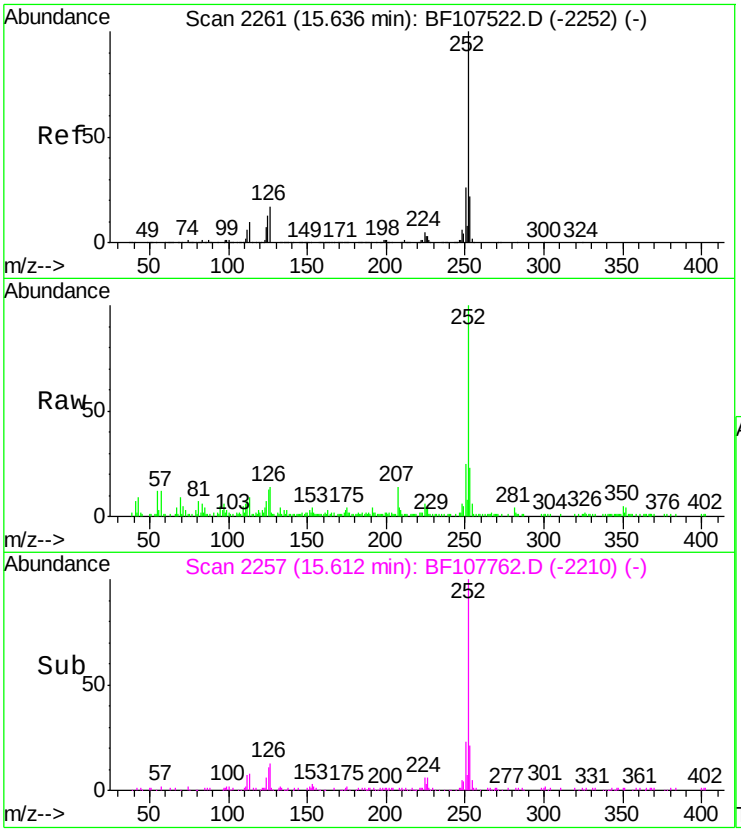


#88
Benzo(k)fluoranthene
Concen: 9.312 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.06 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:252 Resp: 172299

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.8	10.2	15.2



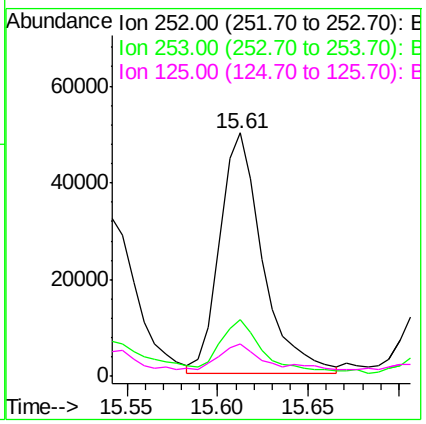


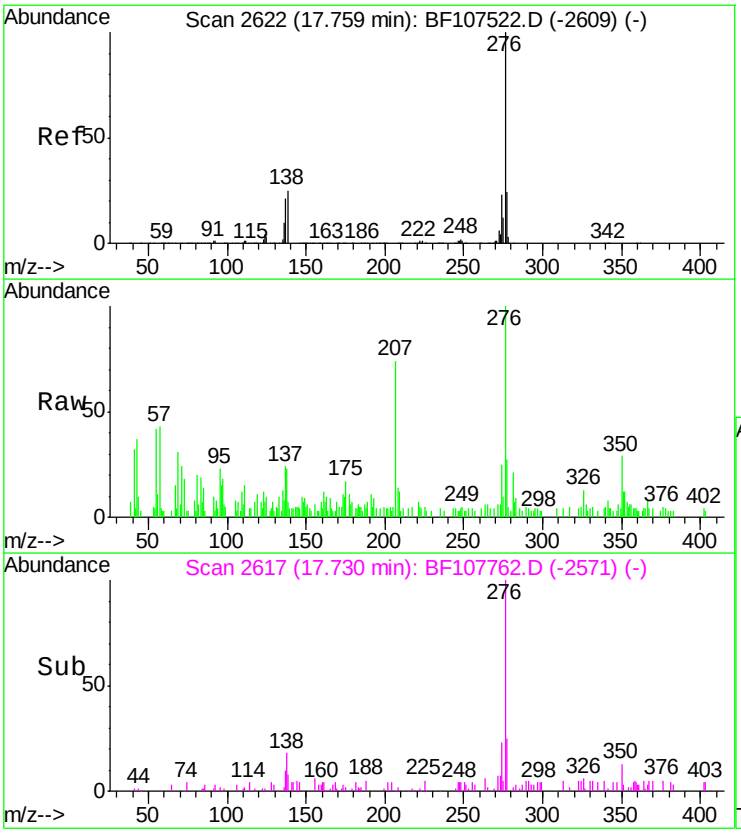
#89
Benzo(a)pyrene
Concen: 4.765 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Instrument :
BNA_F
ClientSampleId :
CON-SB-01-02-03-0-25

Tgt Ion:252 Resp: 82325

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.2	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.183 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF107762.D
Acq: 27 Jul 2018 22:37

Tgt Ion:276 Resp: 32154

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	30.0	21.8	32.8