Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107768.D
Acq On : 28 Jul 2018 1:19
Operator : JU/SJ
Sample : J4143-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 28 04:15:10 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	155710	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	630261	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	243510	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	424681	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	399402	20.00	ng		-0.01
86) Perylene-d12	15.69	264	324040	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1021496	105.48	ng		-0.01
7) Phenol-d6	6.60	99	1342584	115.45	ng		-0.01
23) Nitrobenzene-d5	7.52	82	803774	86.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	290749	105.00	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	890002	56.87	ng		-0.02
78) Terphenyl-d14	13.08	244	828038	53.08	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	1878	Below Cal			95
10) Phenol	6.61	94	56911	4.161	ng	#	50
17) 2-Methylphenol	7.40	107	56876	6.449	ng	#	70
19) n-Nitroso-di-n-propylamine	7.52	70	97715	13.007	ng	#	83
20) 3+4-Methylphenols	7.40	107	69858	6.671	ng		86
25) Isophorone	7.52	82	803774	40.309	ng	#	64
32) Benzoic acid	8.05	122	2641	8.269	ng	#	74
49) Dimethylphthalate	9.71	163	93841	5.113	ng		98
56) 2,4-Dinitrotoluene	10.00	165	29227	6.645	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.74	198	112	8.725	ng	#	1
66) 4-Bromophenyl-phenylether	10.79	248	17026	3.406	ng	#	1
73) Di-n-butylphthalate	12.04	149	4561	Below Cal		#	42
74) Fluoranthene	12.74	202	162103	7.300	ng		95
77) Pyrene	12.74	202	162103	5.934	ng		95
80) Benzo(a)anthracene	14.14	228	47777	2.041	ng	#	82
81) 3,3'-Dichlorobenzidine	14.11	252	1168	Below Cal		#	38
82) Chrysene	14.18	228	60599	2.695	ng	#	80
87) Benzo(b)fluoranthene	15.23	252	69675	3.929	ng	#	30
88) Benzo(k)fluoranthene	15.23	252	69675	4.010	ng	#	34

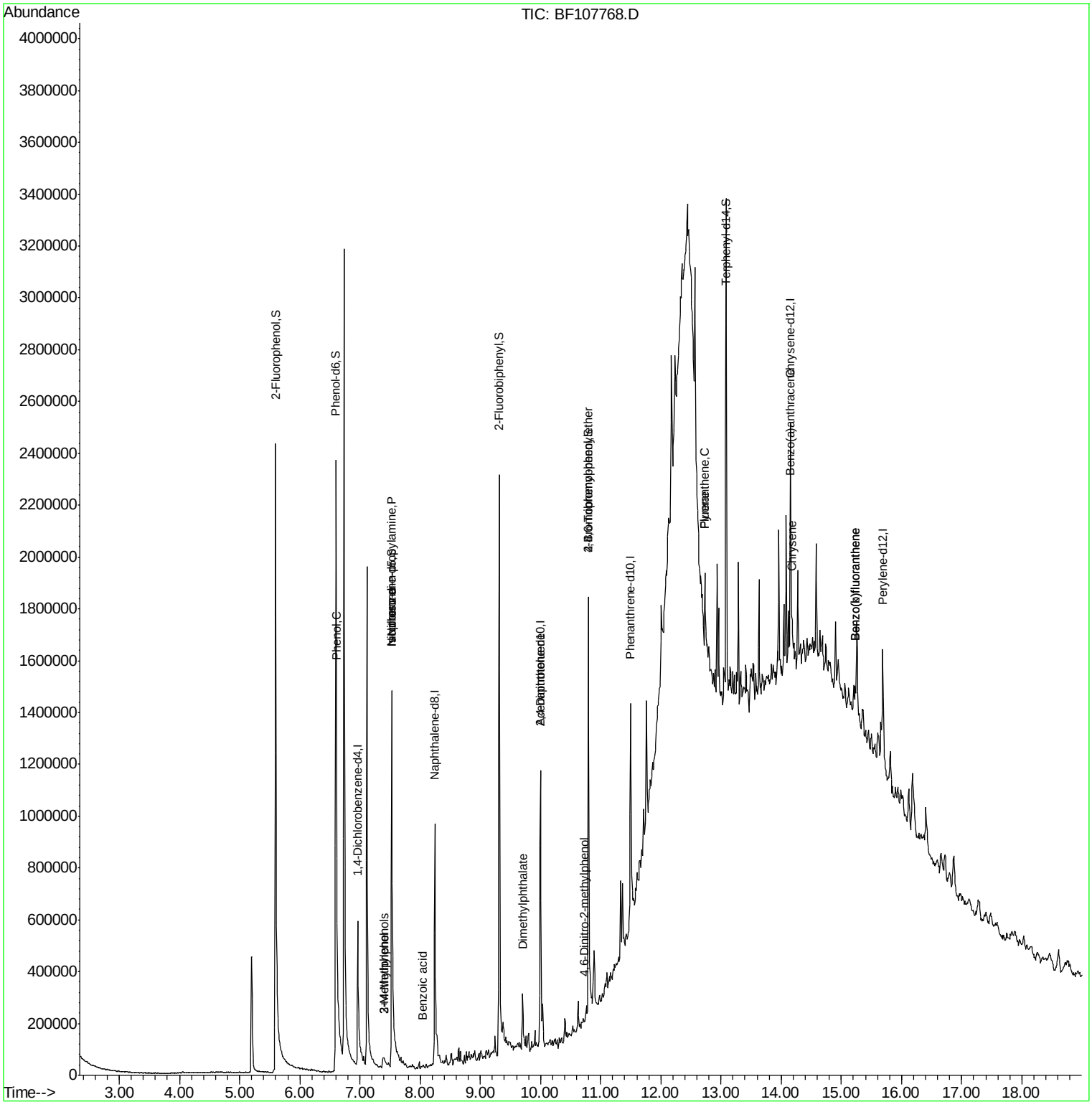
(#) = qualifier out of range (m) = manual integration (+) = signals summed

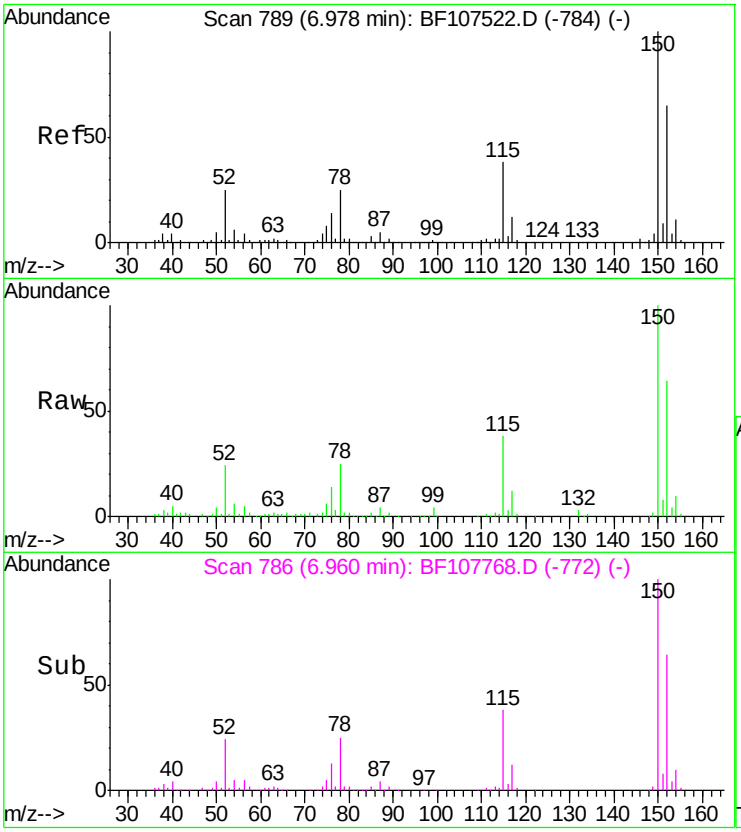
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107768.D
Acq On : 28 Jul 2018 1:19
Operator : JU/SJ
Sample : J4143-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 28 04:15:10 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



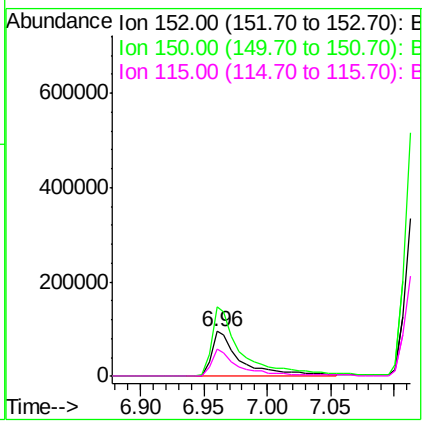


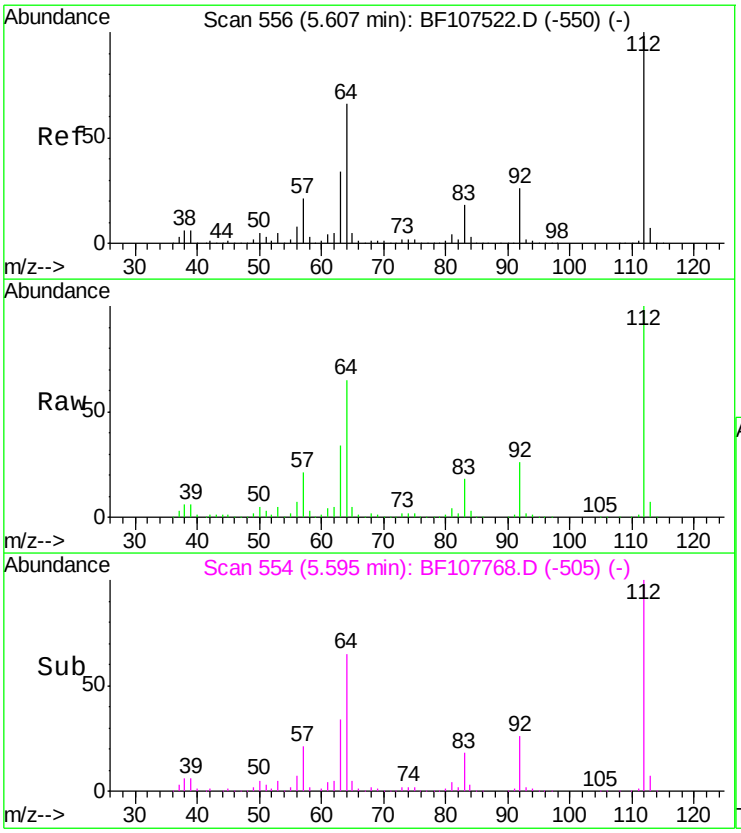
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155710

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.7	50.1	75.1

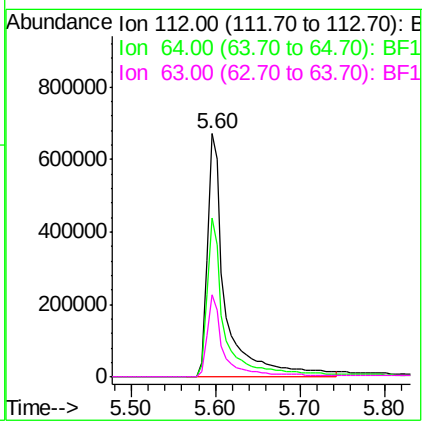


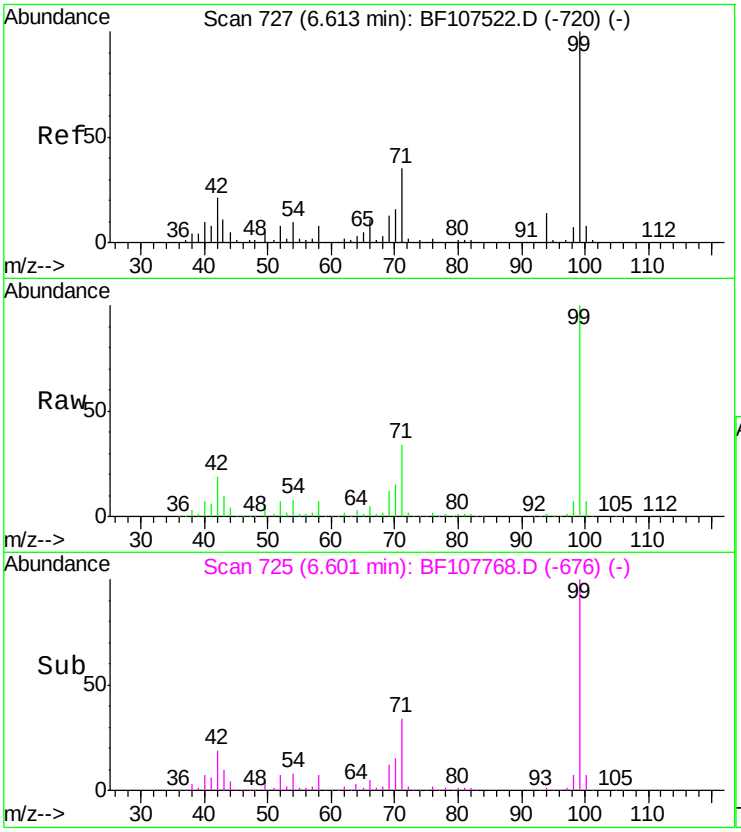


#5
2-Fluorophenol
Concen: 105.476 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:112 Resp: 1021496

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.8	23.7	35.5



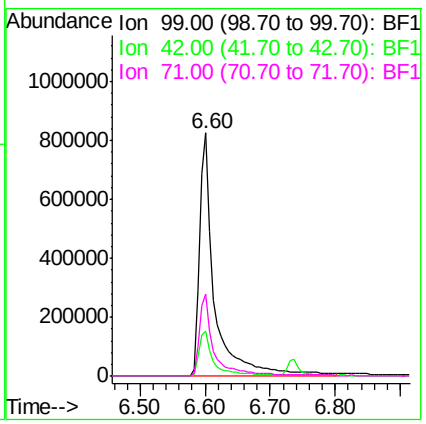


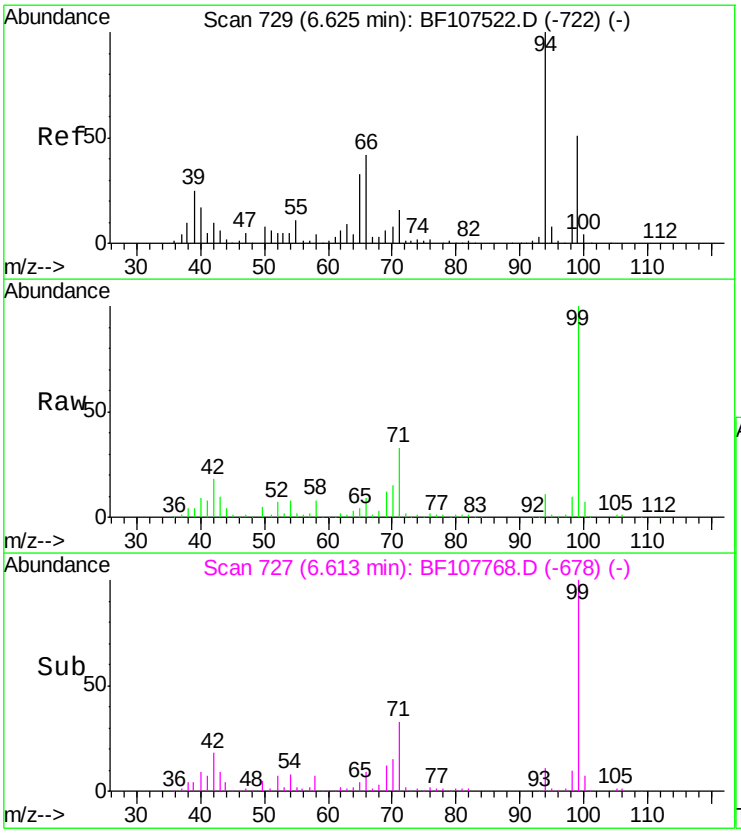
#7
Phenol-d6
Concen: 115.455 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1342584

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.9	25.4	38.0

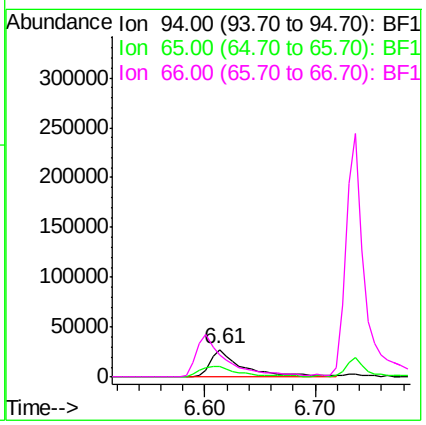


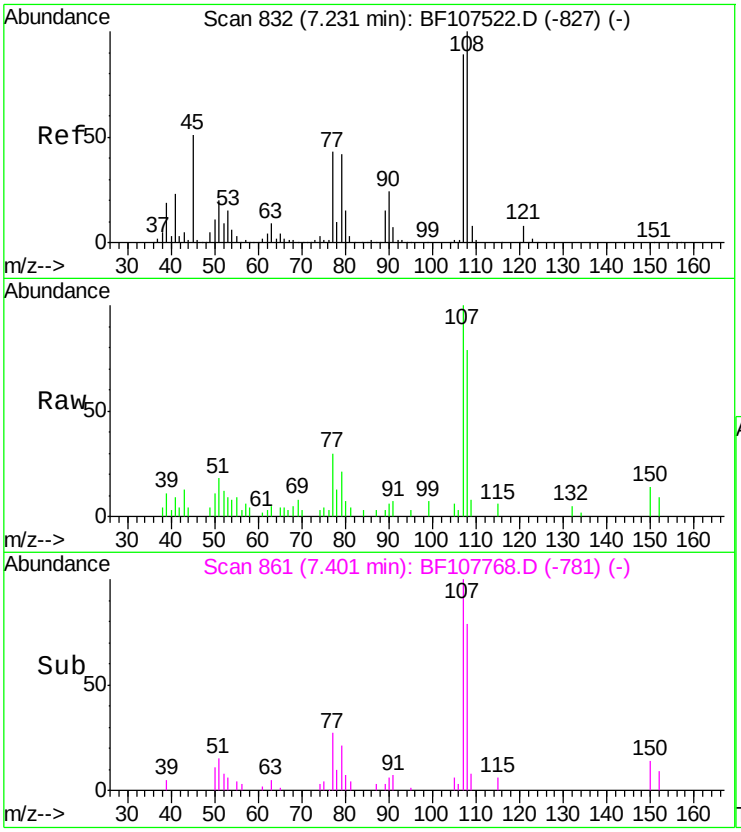


#10
Phenol
Concen: 4.161 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion: 94 Resp: 56911

Ion	Ratio	Lower	Upper
94	100		
65	38.0	7.9	47.9
66	79.8	16.2	56.2#



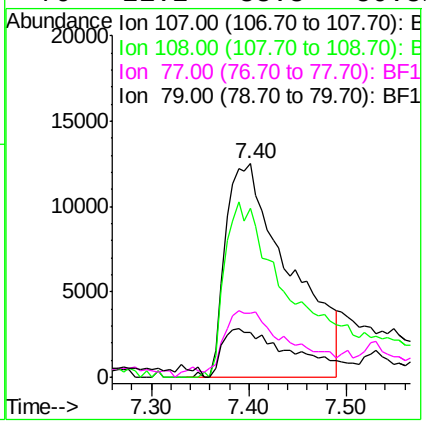


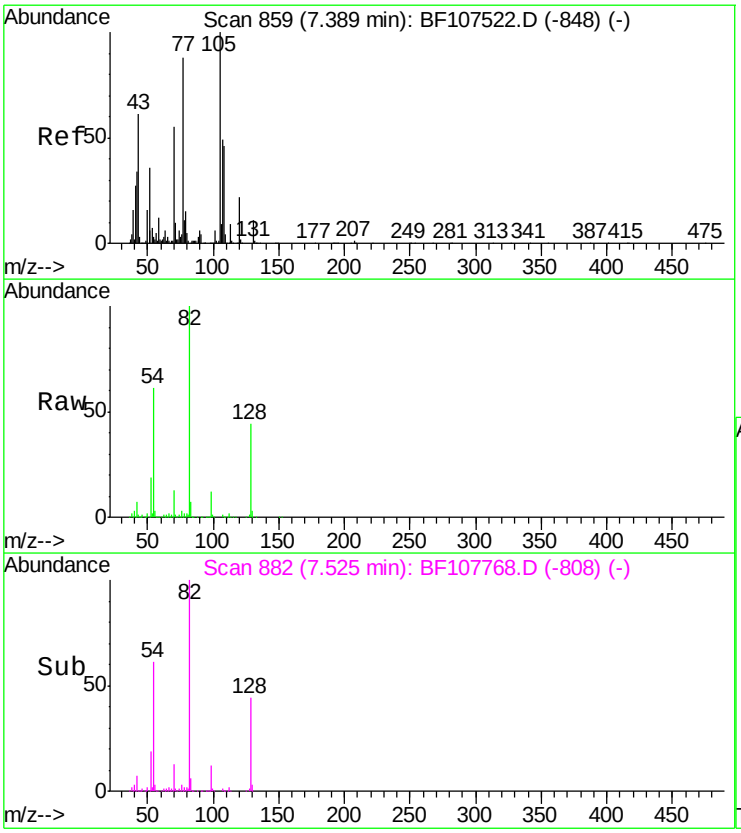
#17
2-Methylphenol
Concen: 6.449 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.17 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 56876

Ion	Ratio	Lower	Upper
107	100		
108	79.2	91.7	137.5#
77	30.1	33.8	50.8#
79	21.2	33.8	50.8#

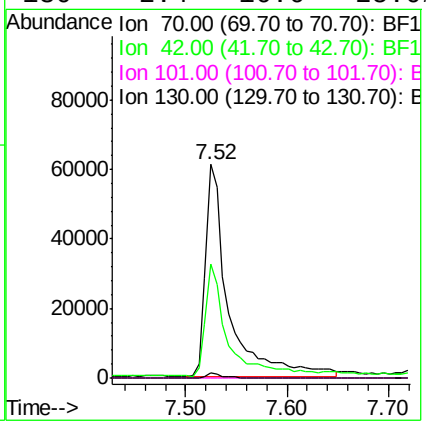


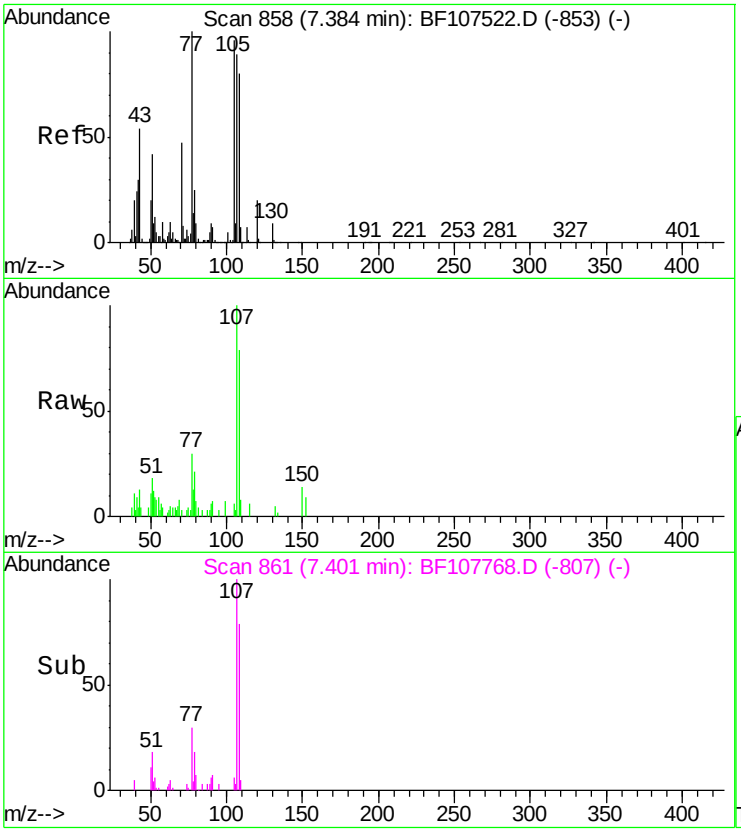


#19
n-Nitroso-di-n-propylamine
Concen: 13.007 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion: 70 Resp: 97715

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



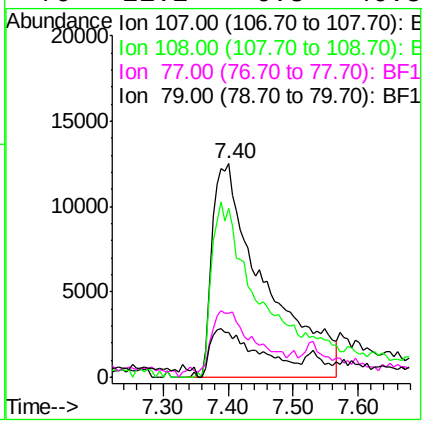


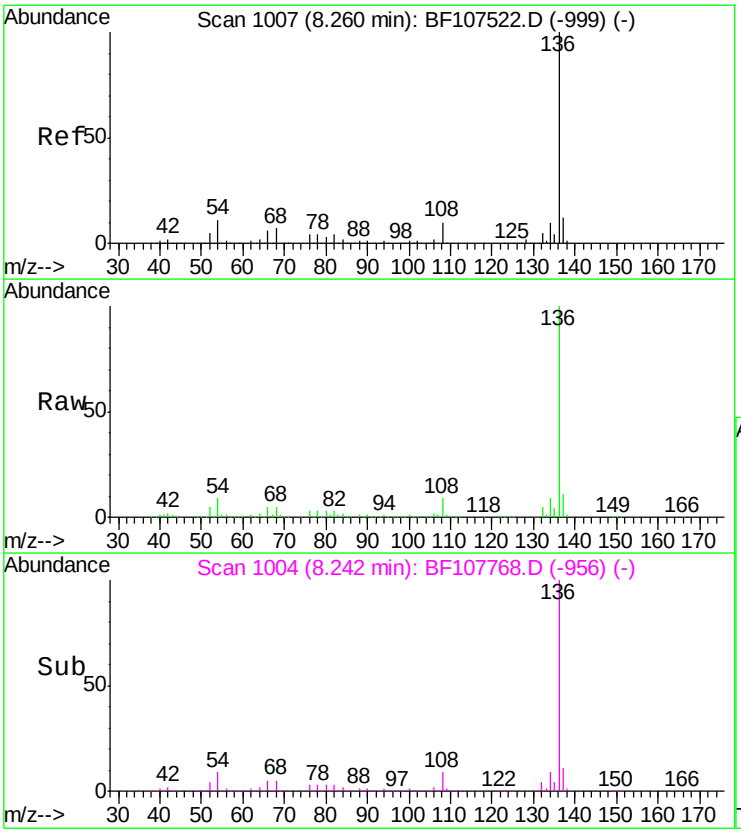
#20
3+4-Methylphenols
Concen: 6.671 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 69858

Ion	Ratio	Lower	Upper
107	100		
108	79.2	68.2	108.2
77	30.1	26.7	66.7
79	21.2	6.3	46.3

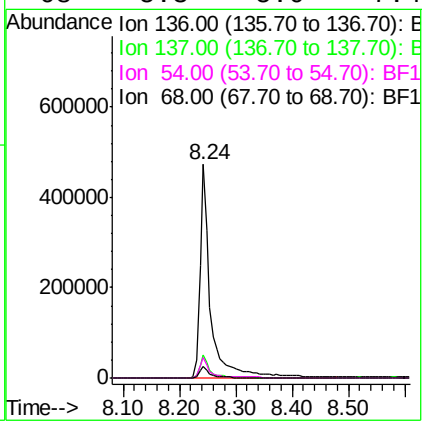


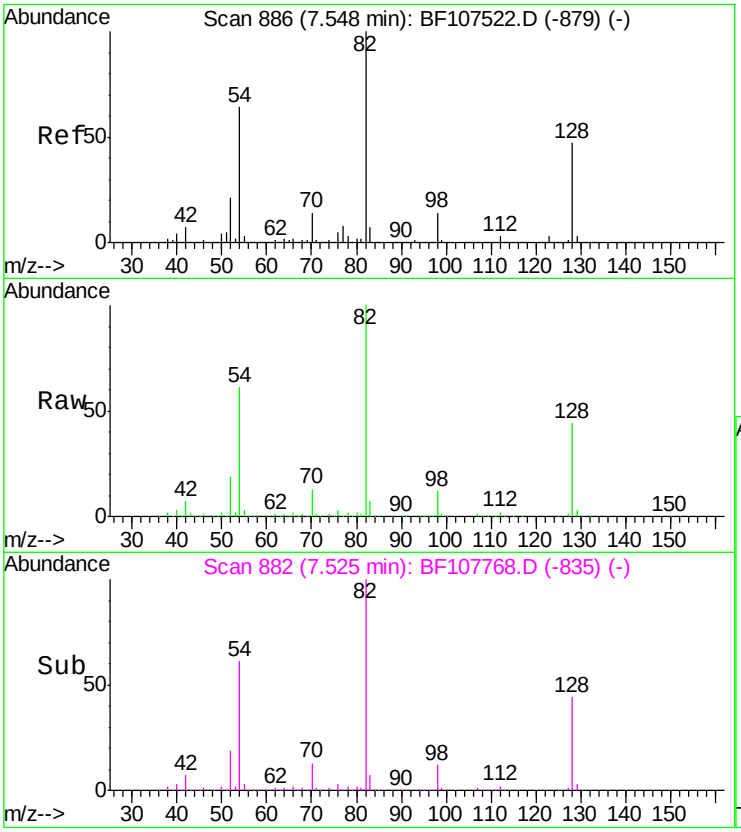


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:136 Resp: 630261

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	5.3	5.0	7.4



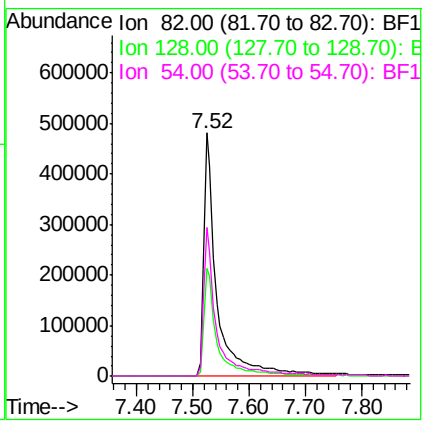


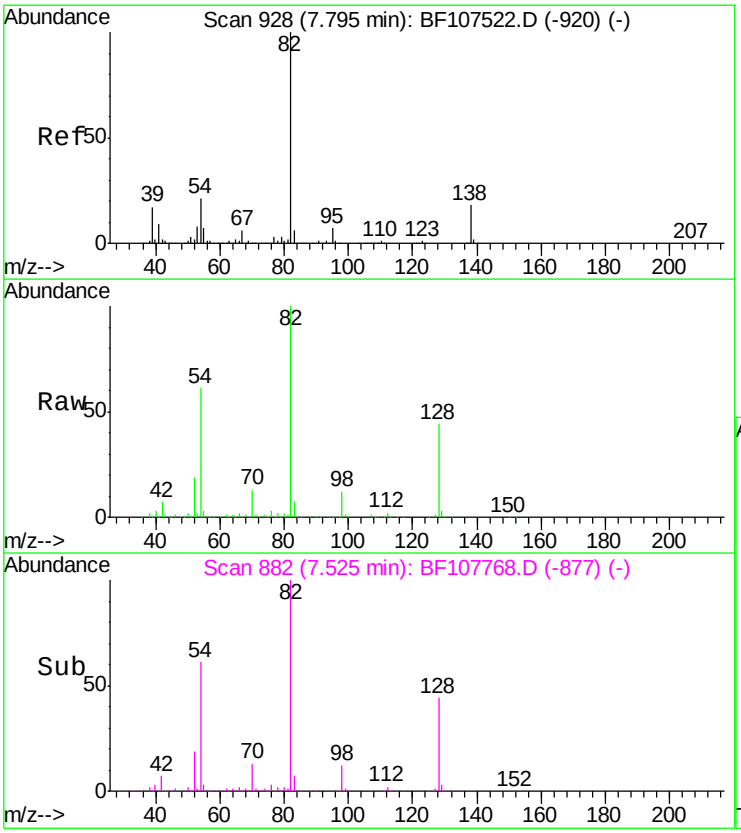
#23
Nitrobenzene-d5
Concen: 86.067 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 803774

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	61.4	41.4	62.2

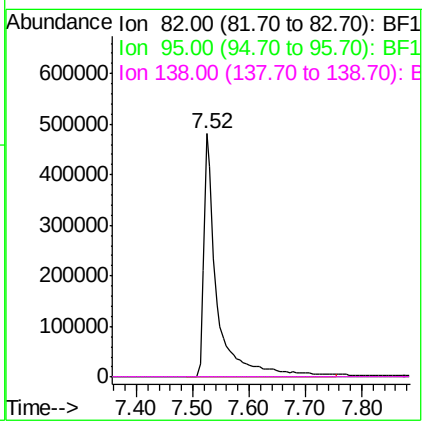


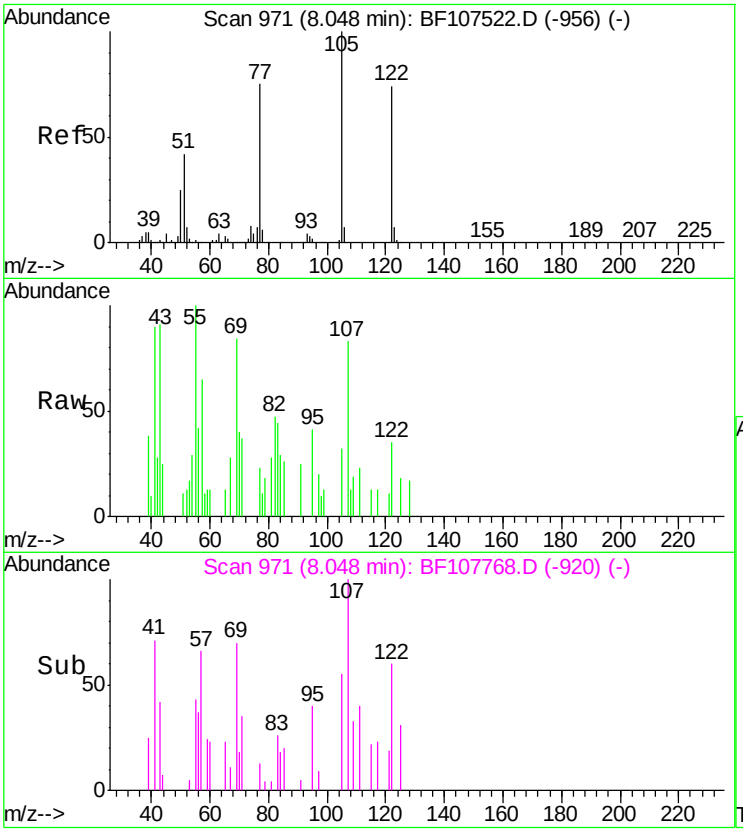


#25
Isophorone
Concen: 40.309 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion: 82 Resp: 803774

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



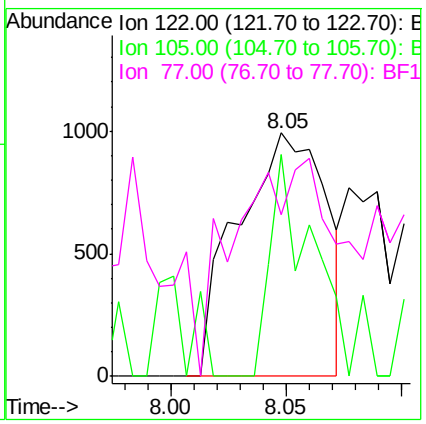


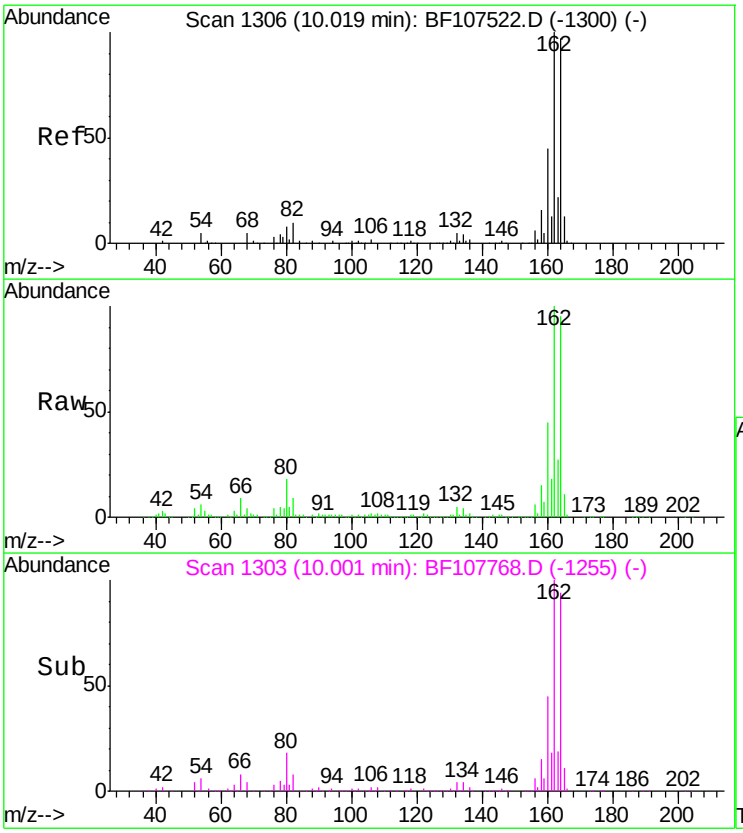
#32
Benzoic acid
Concen: 8.269 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2641

Ion	Ratio	Lower	Upper
122	100		
105	91.2	101.1	141.1#
77	66.2	70.7	110.7#

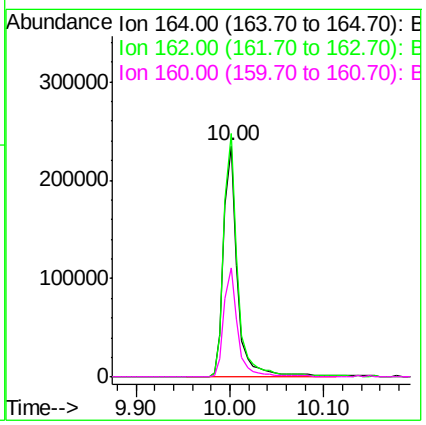


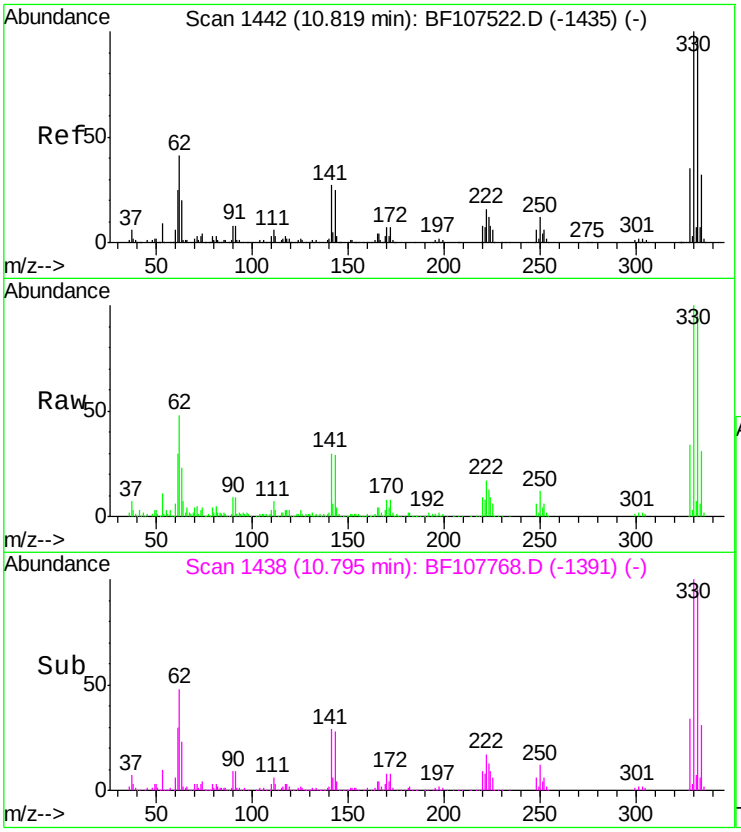


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:164 Resp: 243510

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.3	38.3	57.5



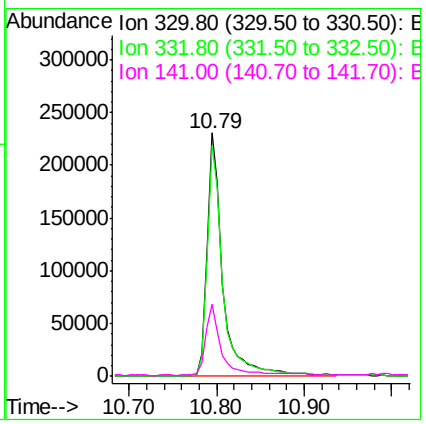


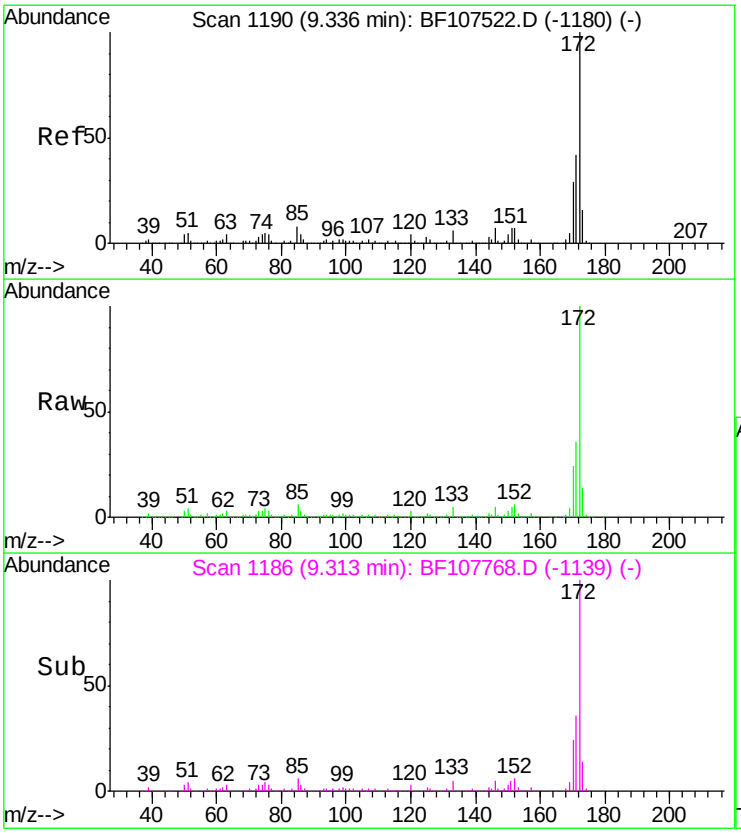
#41
2,4,6-Tribromophenol
Concen: 104.998 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 290749

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	27.8	29.9	44.9#

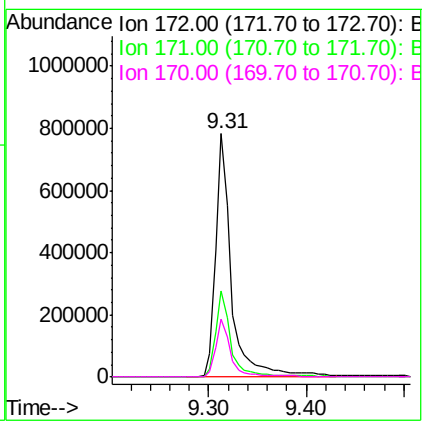


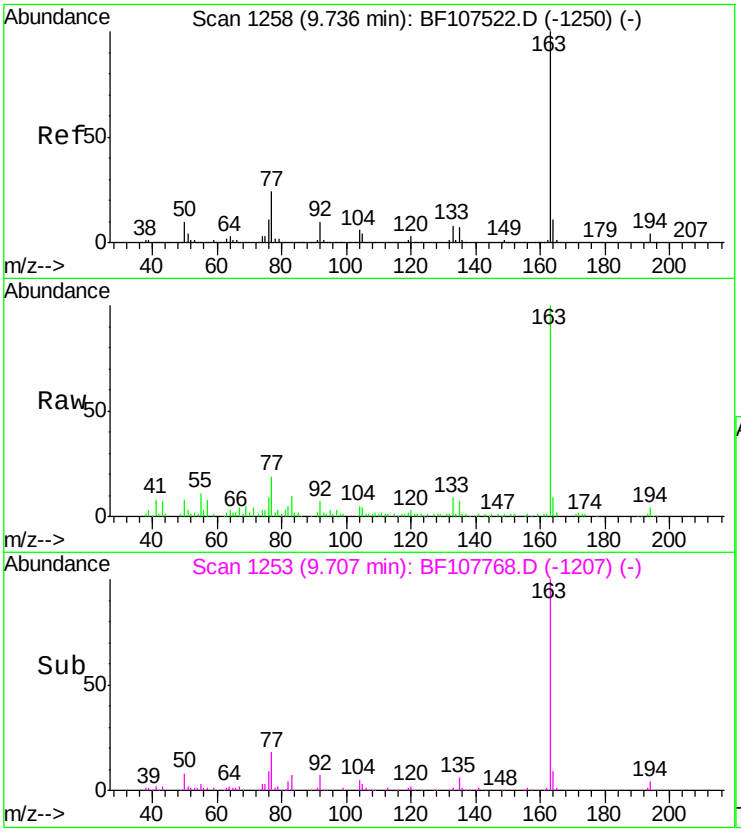


#44
2-Fluorobiphenyl
Concen: 56.866 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:172 Resp: 890002

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4



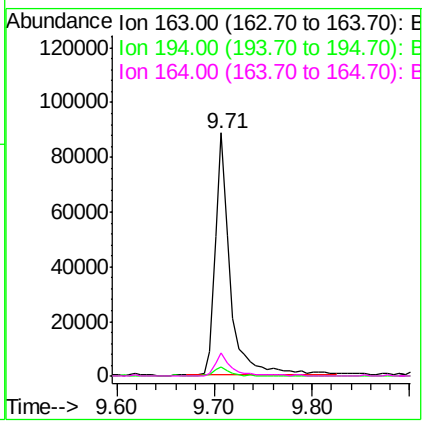


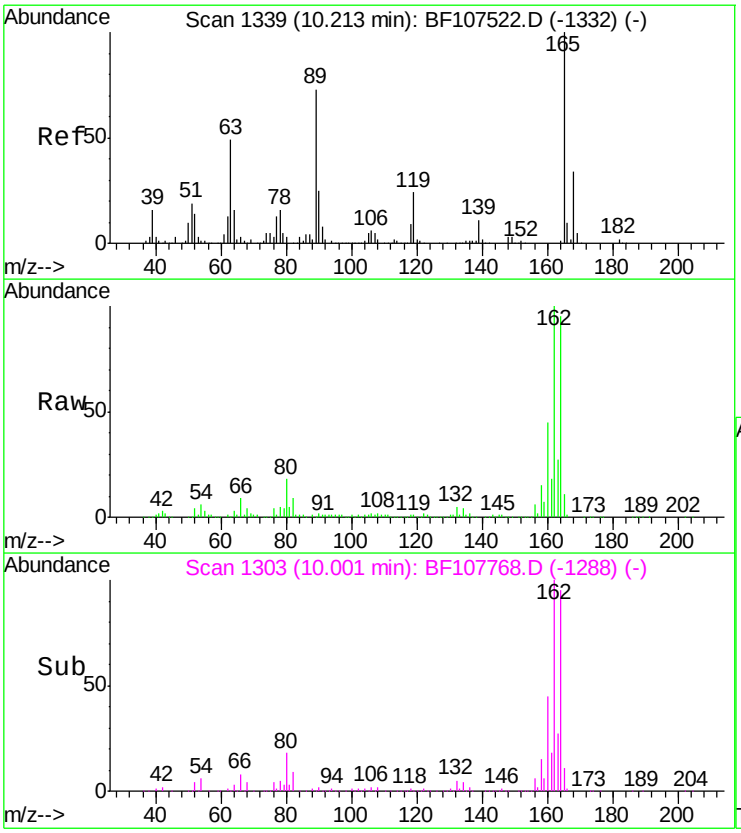
#49
Dimethylphthalate
Concen: 5.113 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 93841

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.4	8.2	12.2

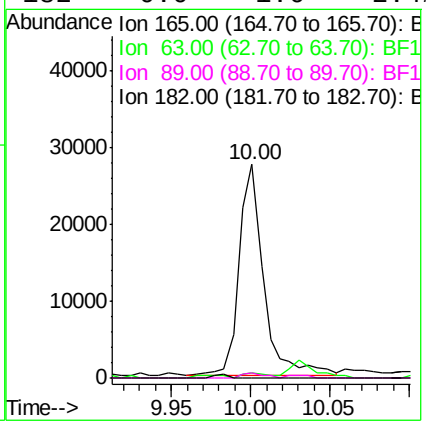


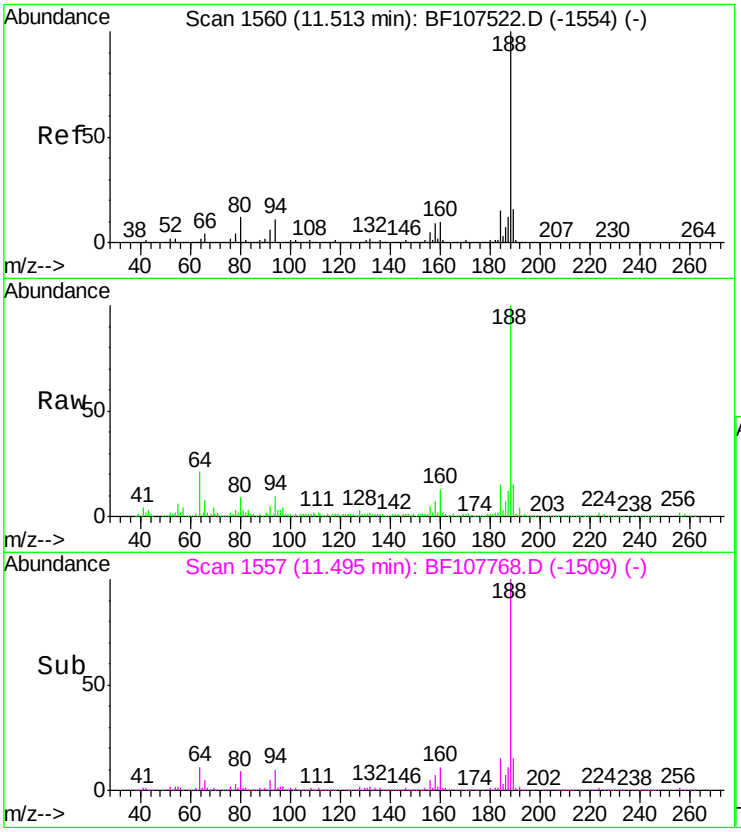


#56
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:165 Resp: 29227

Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



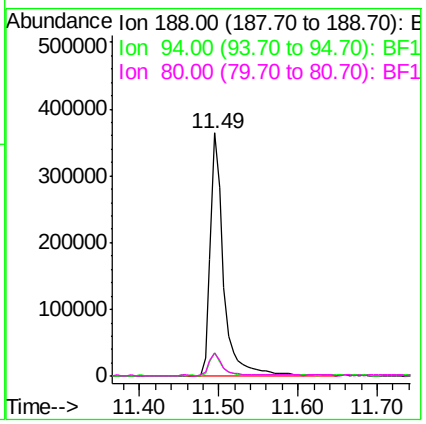


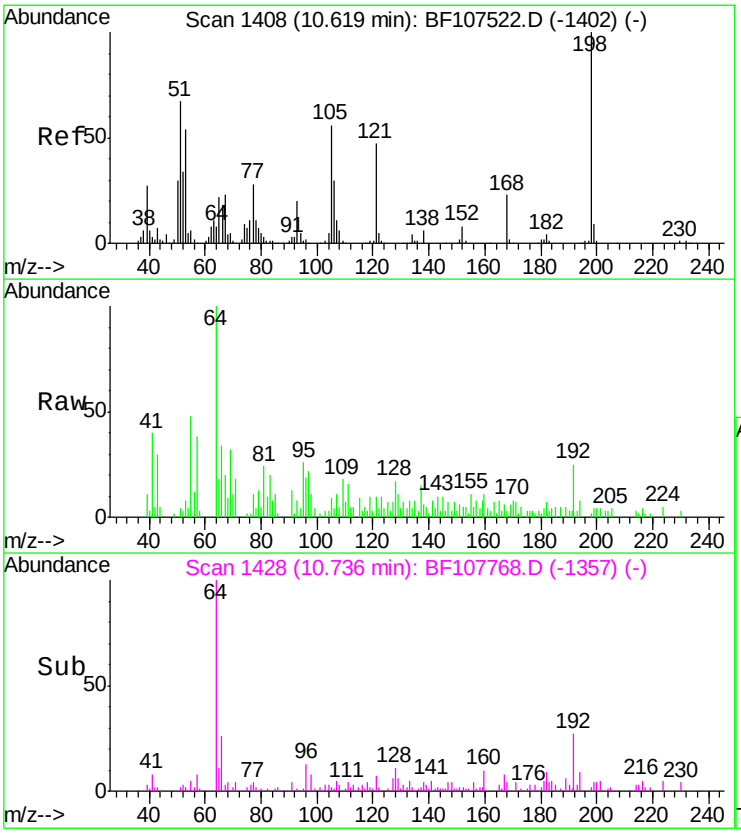
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 424681

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	9.5	9.2	13.8

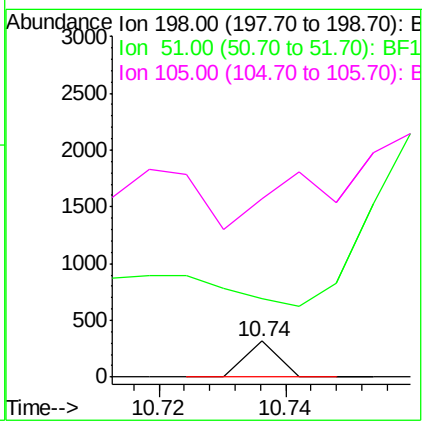


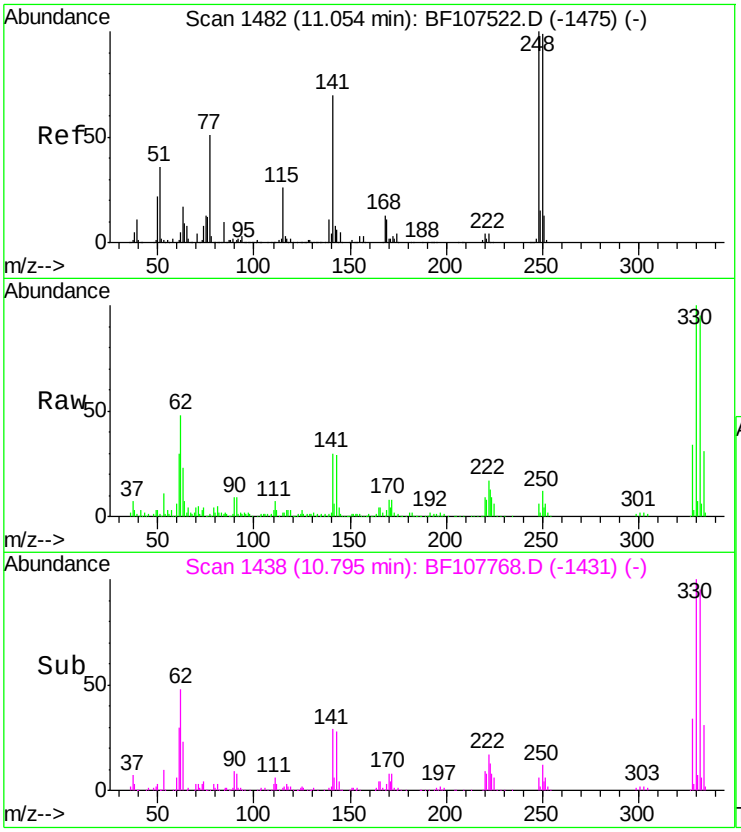


#64
4,6-Dinitro-2-methylphenol
Concen: 8.725 ng
RT: 10.74 min Scan# 1428
Delta R.T. 0.12 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	219.2	37.7	77.7#
105	495.0	36.3	76.3#



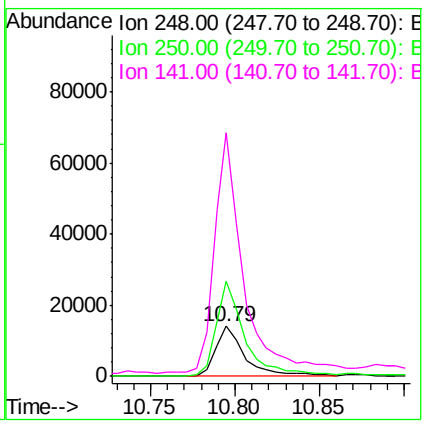


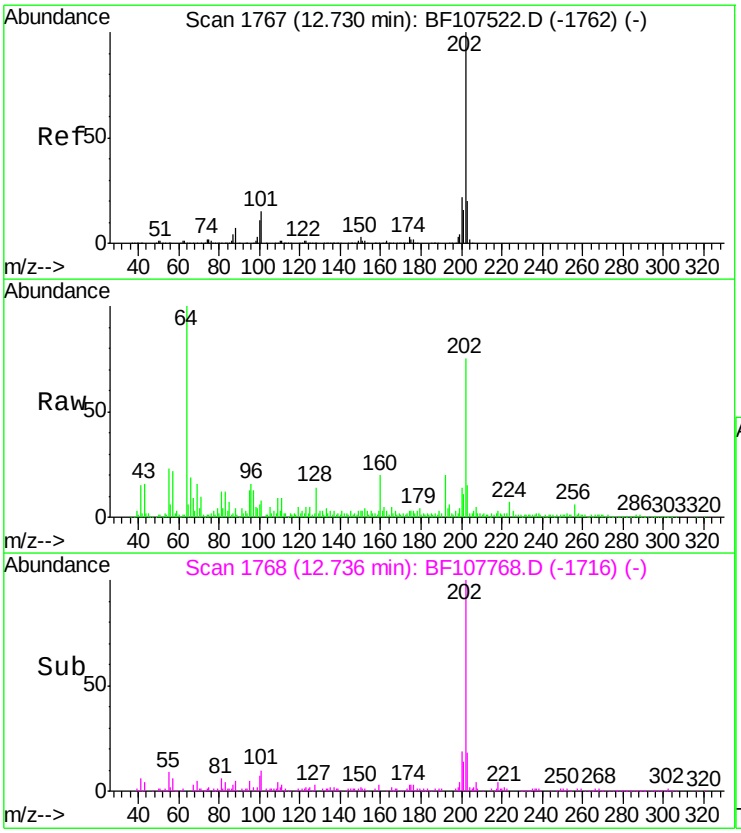
#66
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 17026

Ion	Ratio	Lower	Upper
248	100		
250	188.9	76.9	115.3#
141	484.6	74.4	111.6#

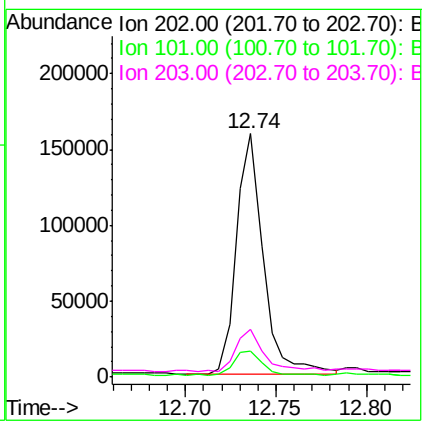


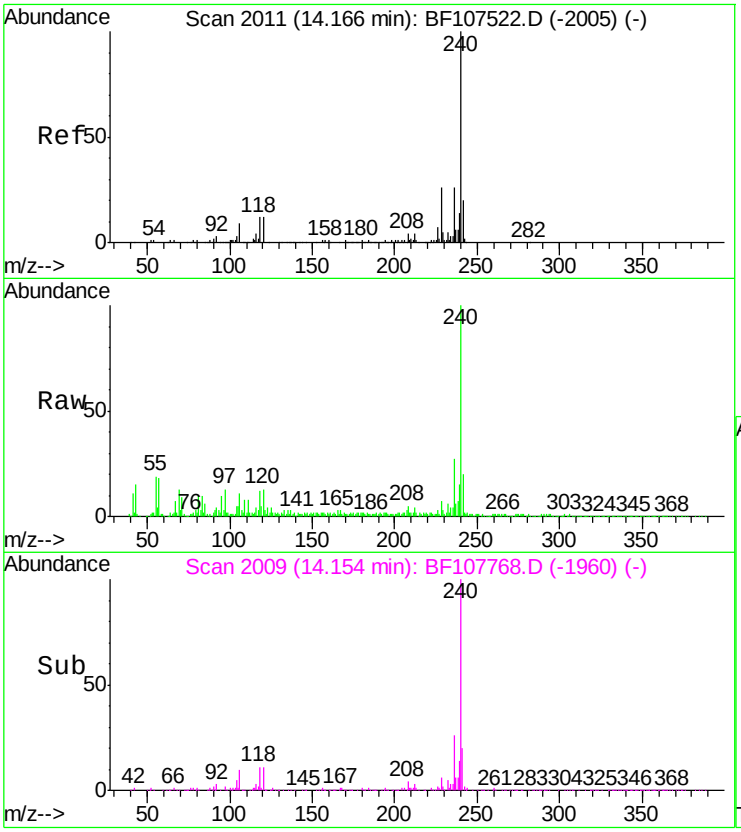


#74
Fluoranthene
Concen: 7.300 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:202 Resp: 162103

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	19.6	0.0	38.1



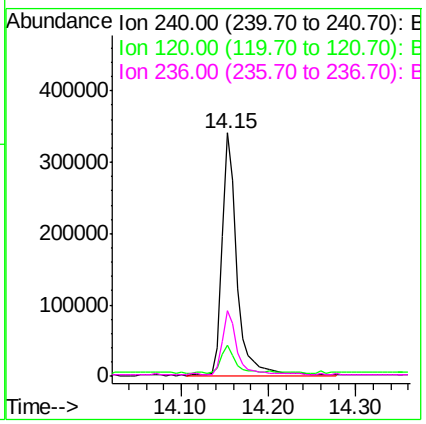


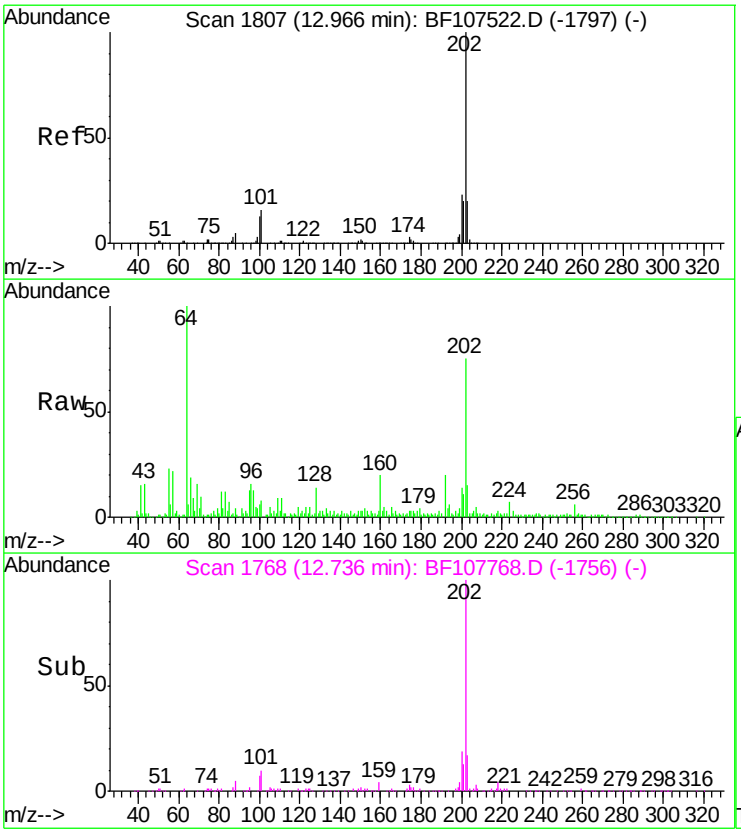
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 399402

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	27.0	20.7	31.1

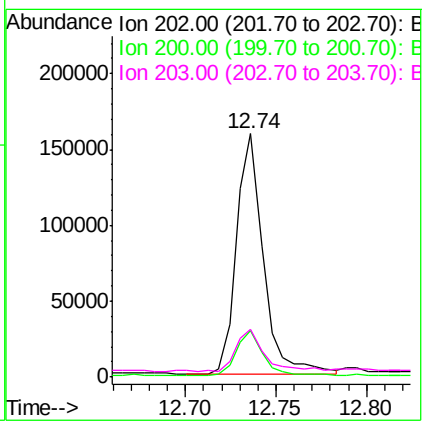


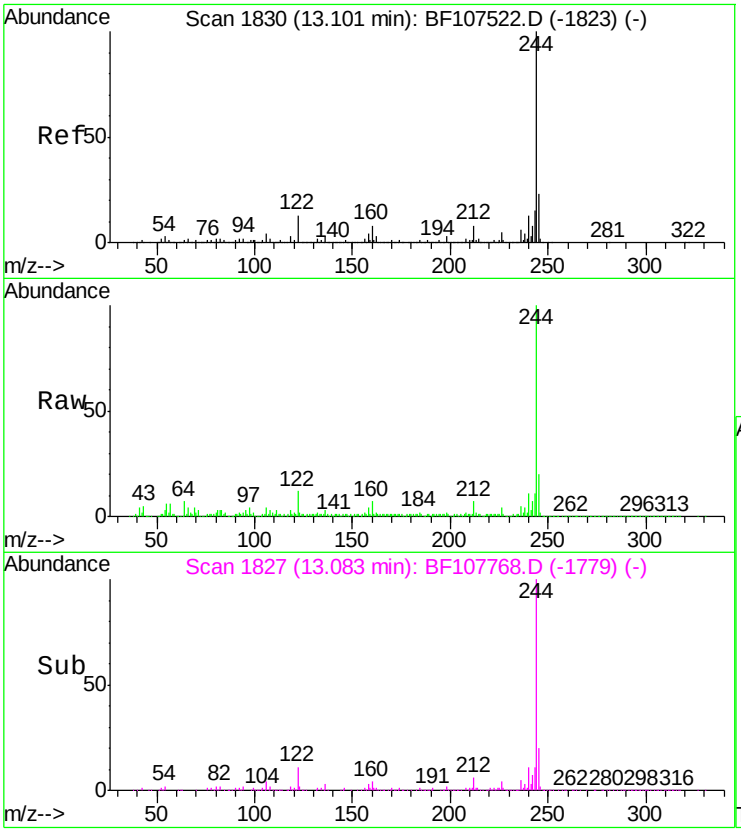


#77
Pyrene
Concen: 5.934 ng
RT: 12.74 min Scan# 1768
Delta R.T. -0.23 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:202 Resp: 162103

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	19.6	14.3	21.5



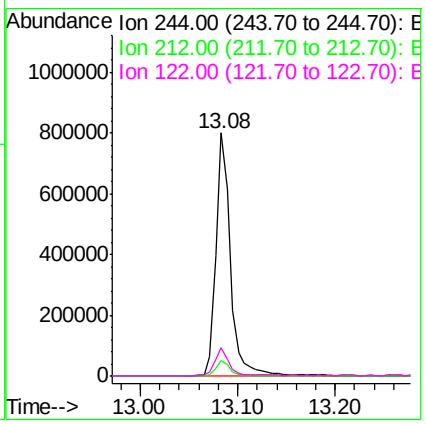


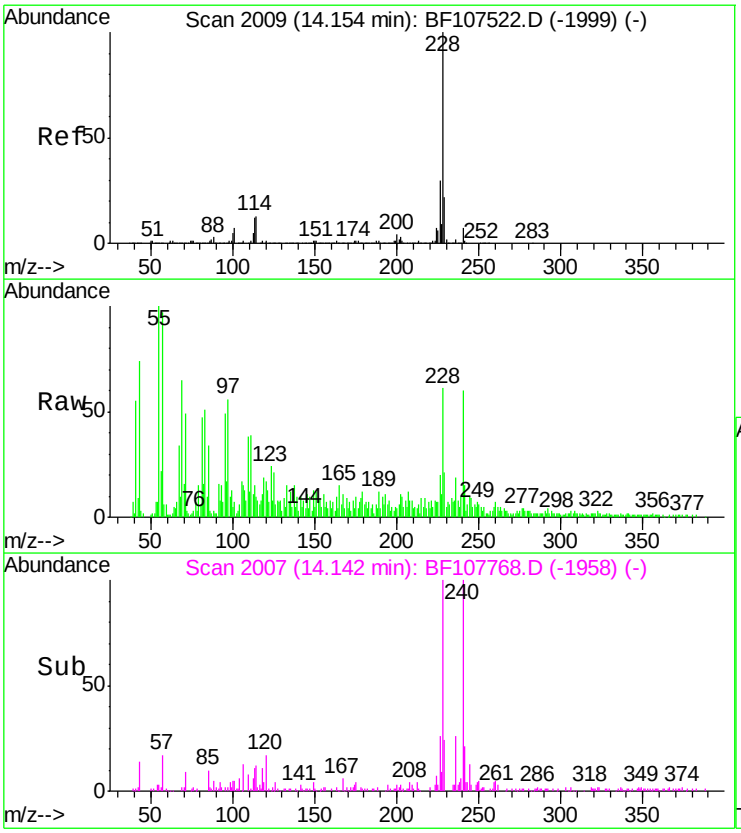
#78
Terphenyl-d14
Concen: 53.076 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 828038

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.6	11.0	16.4

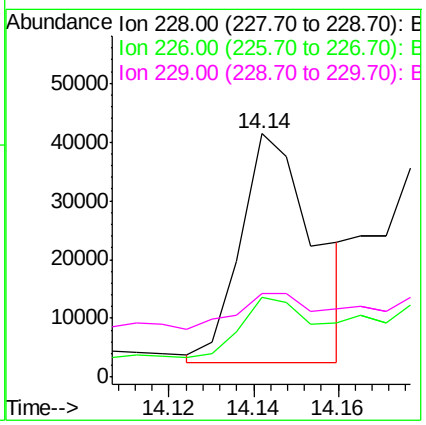


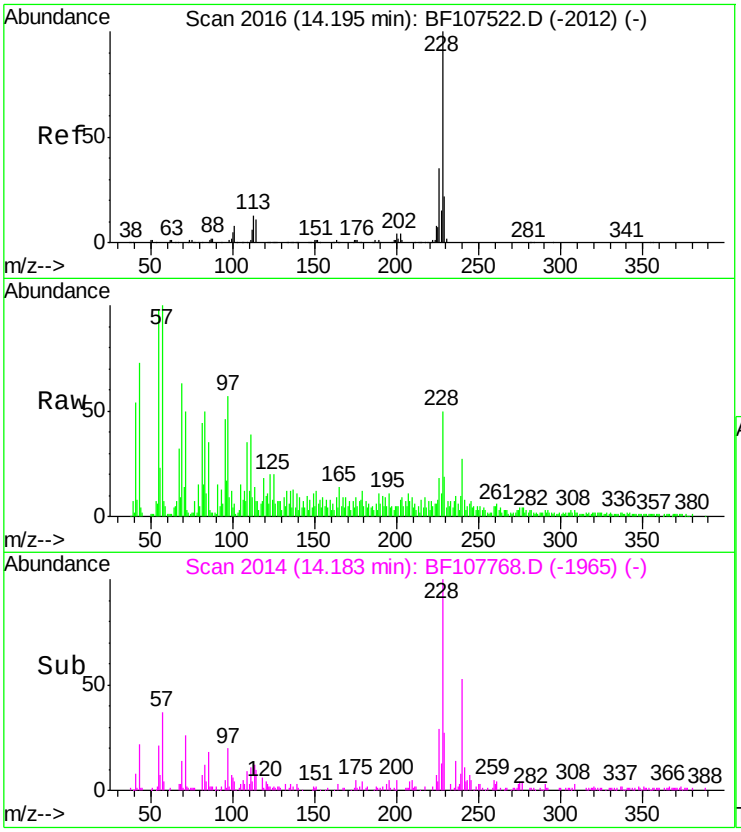


#80
Benzo(a)anthracene
Concen: 2.041 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:228 Resp: 47777

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	34.2	15.8	23.6#



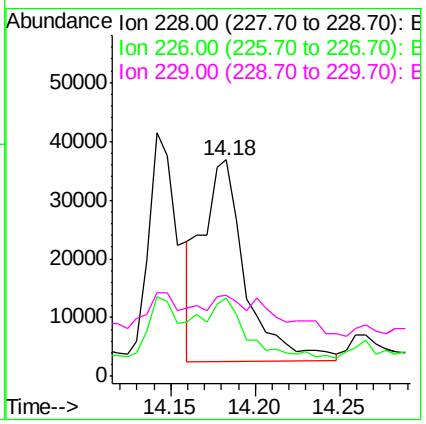


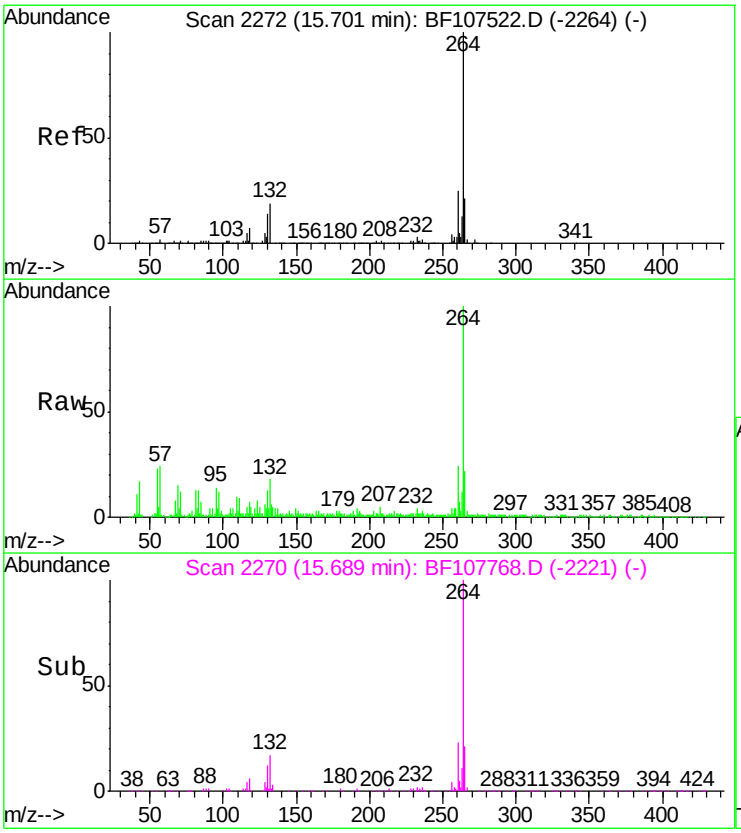
#82
Chrysene
Concen: 2.695 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 60599

Ion	Ratio	Lower	Upper
228	100		
226	36.0	25.0	37.6
229	37.6	16.2	24.4#

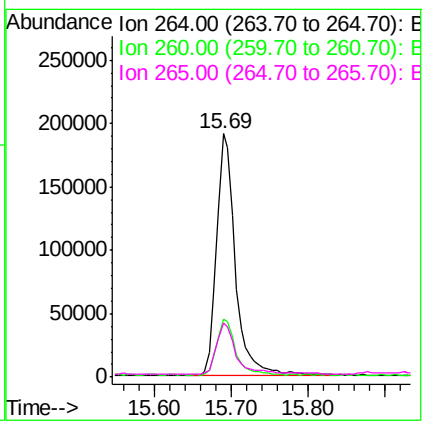


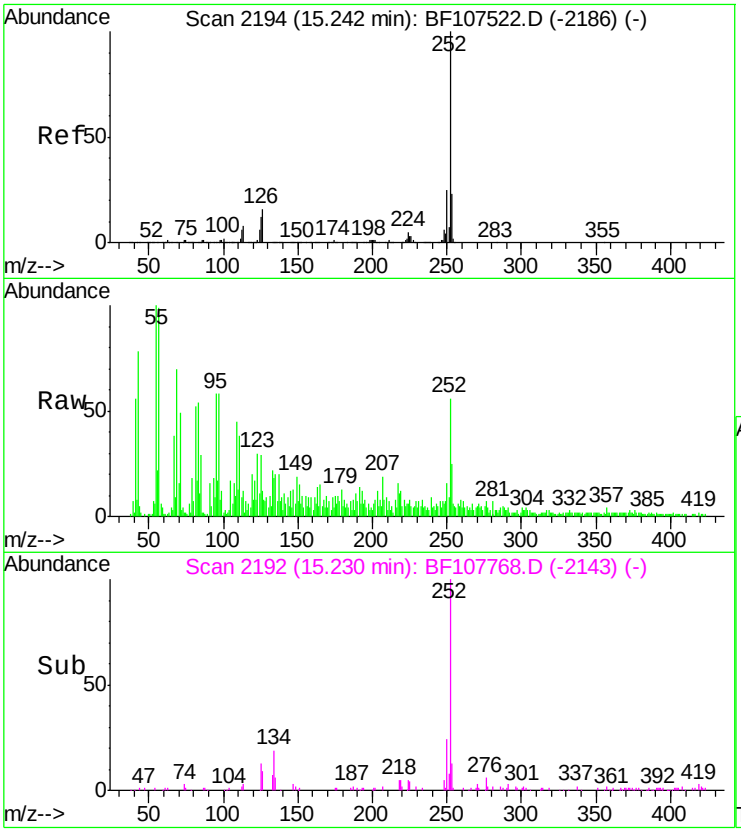


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:264 Resp: 324040

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.3	17.5	26.3



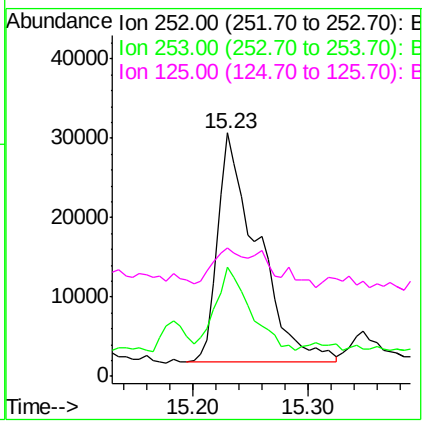


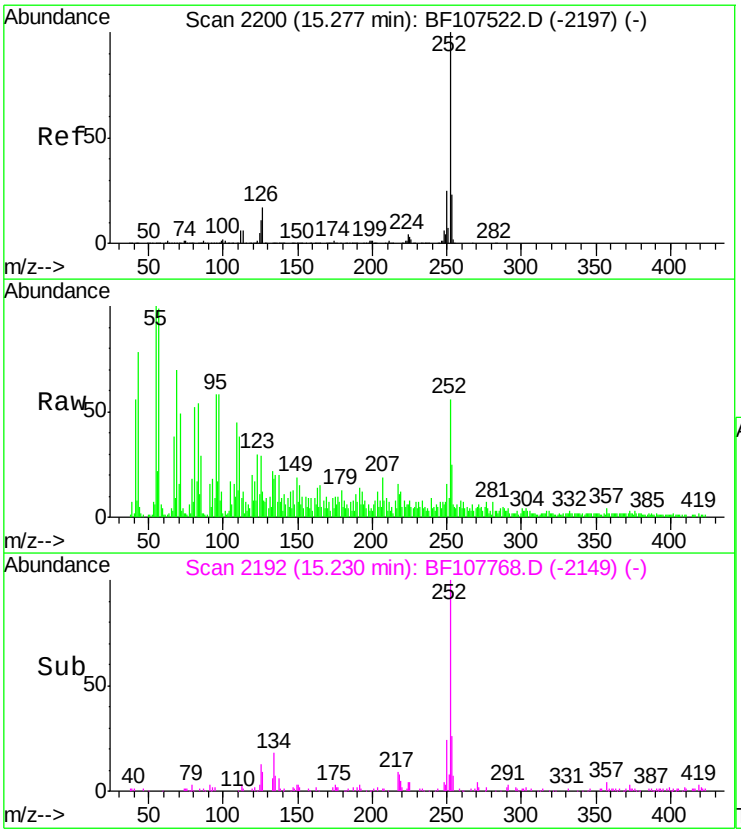
#87
Benzo(b)fluoranthene
Concen: 3.929 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69675

Ion	Ratio	Lower	Upper
252	100		
253	44.7	17.0	25.6#
125	52.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 4.010 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107768.D
Acq: 28 Jul 2018 1:19

Tgt Ion:252 Resp: 69675

Ion	Ratio	Lower	Upper
252	100		
253	44.7	17.9	26.9#
125	52.6	10.2	15.2#