Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107812.D
Acq On : 30 Jul 2018 20:46
Operator : JU/SJ
Sample : J4164-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 31 01:03:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183898	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	801266	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	353799	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	765932	20.00	ng	0.00
75) Chrysene-d12	14.15	240	518680	20.00	ng	0.00
86) Perylene-d12	15.68	264	519744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1417361	130.99	ng	0.00
7) Phenol-d6	6.61	99	1739893	122.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	1176109	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	552683	114.96	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2009359	79.14	ng	0.00
78) Terphenyl-d14	13.08	244	1994965	83.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	322	5.849	ng	# 22
3) Pyridine	3.51	79	115	6.262	ng	# 1
9) Benzaldehyde	6.74	77	31024	3.606	ng	83
10) Phenol	6.62	94	36519	2.147	ng	# 11
19) n-Nitroso-di-n-propylamine	7.52	70	138111	15.267	ng	# 82
25) Isophorone	7.52	82	1181544	51.753	ng	# 64
49) Dimethylphthalate	9.71	163	139011	5.232	ng	99
55) 4-Nitrophenol	10.22	139	1402	9.674	ng	# 40
56) 2,4-Dinitrotoluene	10.00	165	44249	5.830	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	31143	3.488	ng	# 1
80) Benzo(a)anthracene	14.14	228	73784	2.511	ng	97
87) Benzo(b)fluoranthene	15.22	252	100276	3.912	ng	# 88
88) Benzo(k)fluoranthene	15.22	252	100276	3.186	ng	# 91
89) Benzo(a)pyrene	15.61	252	55730	2.106	ng	# 81

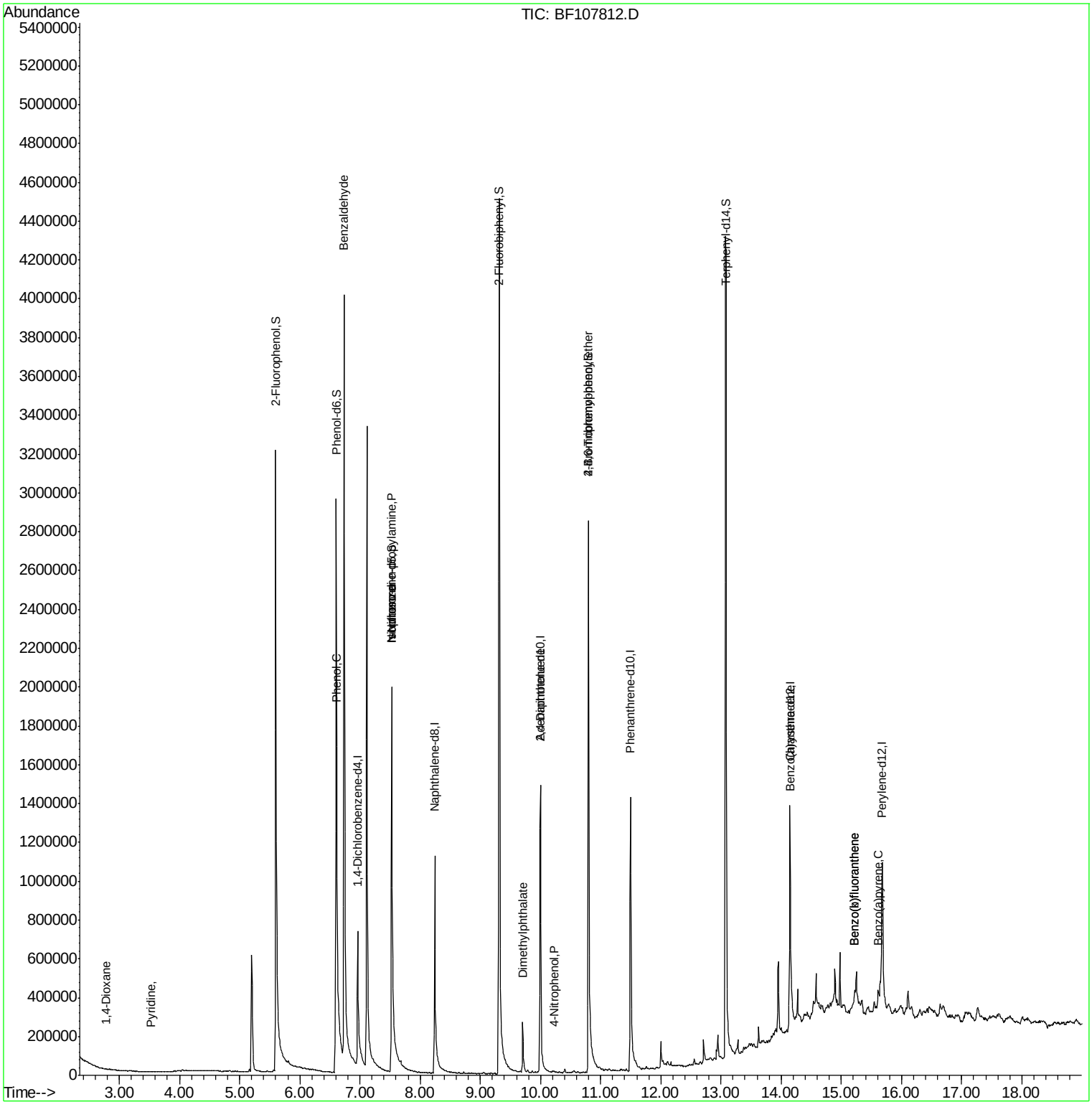
(#) = qualifier out of range (m) = manual integration (+) = signals summed

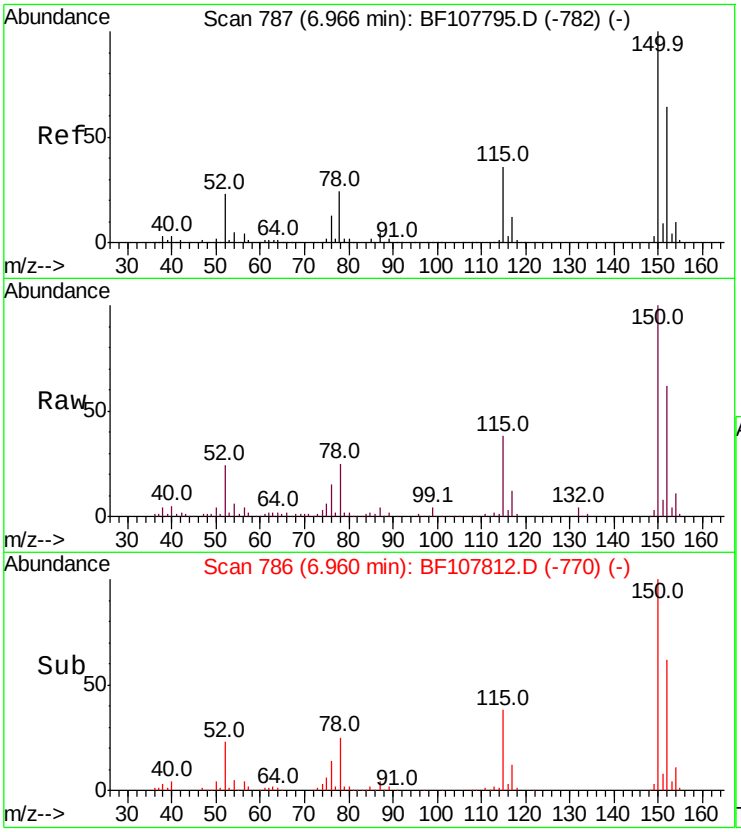
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107812.D
Acq On : 30 Jul 2018 20:46
Operator : JU/SJ
Sample : J4164-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 31 01:03:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



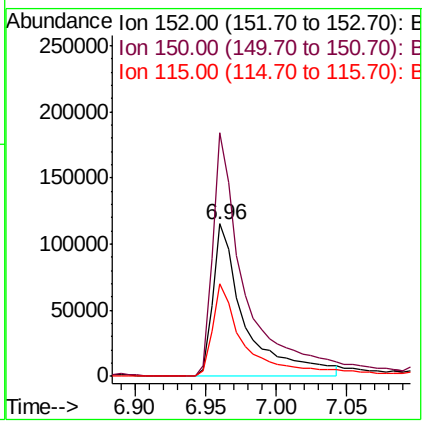


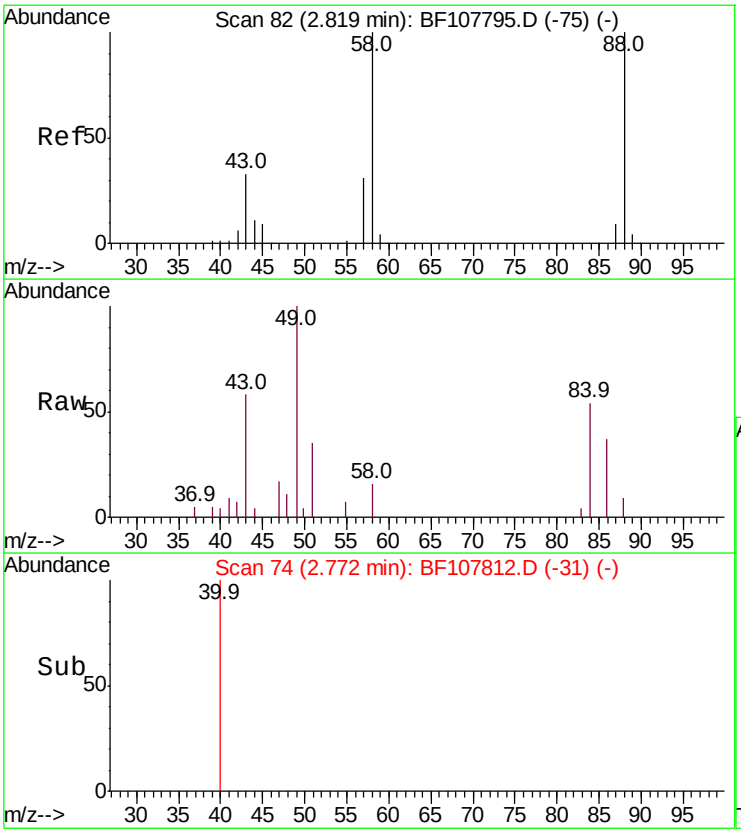
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 183898

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.8	50.1	75.1

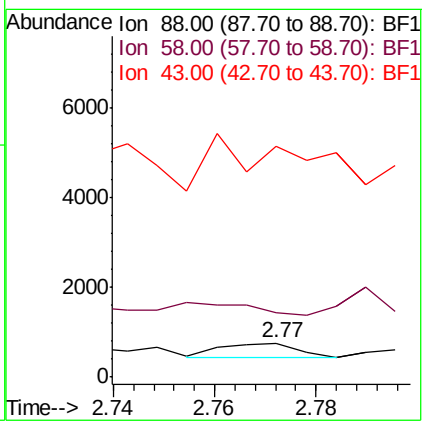


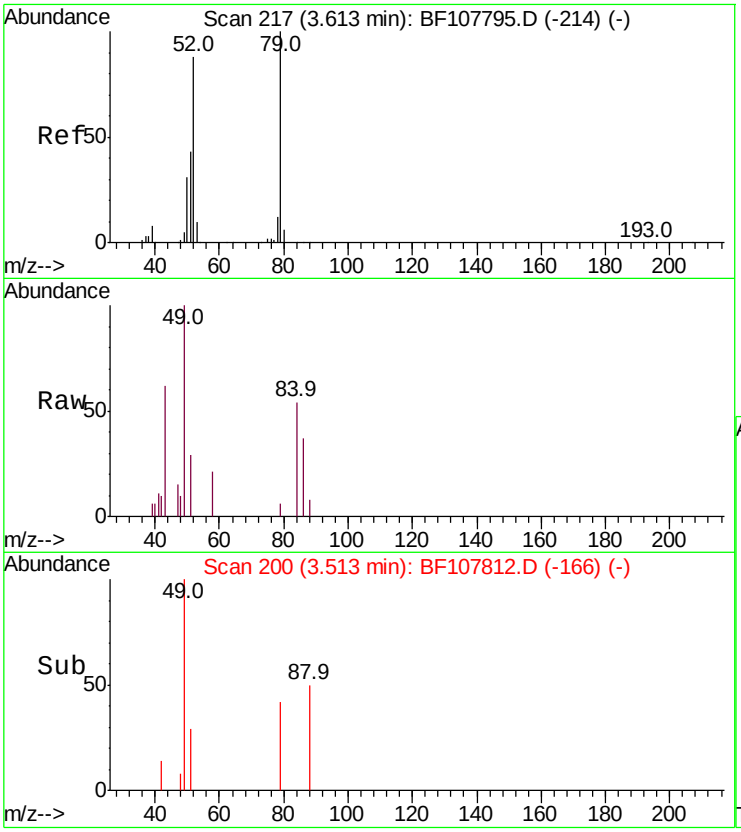


#2
1,4-Dioxane
Concen: 5.849 ng
RT: 2.77 min Scan# 74
Delta R.T. -0.05 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 88 Resp: 322

Ion	Ratio	Lower	Upper
88	100		
58	154.0	62.6	93.8#
43	0.0	24.6	37.0#



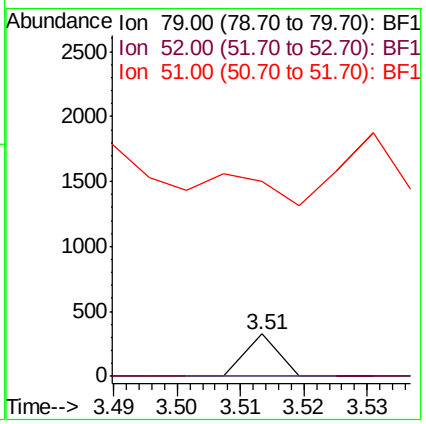


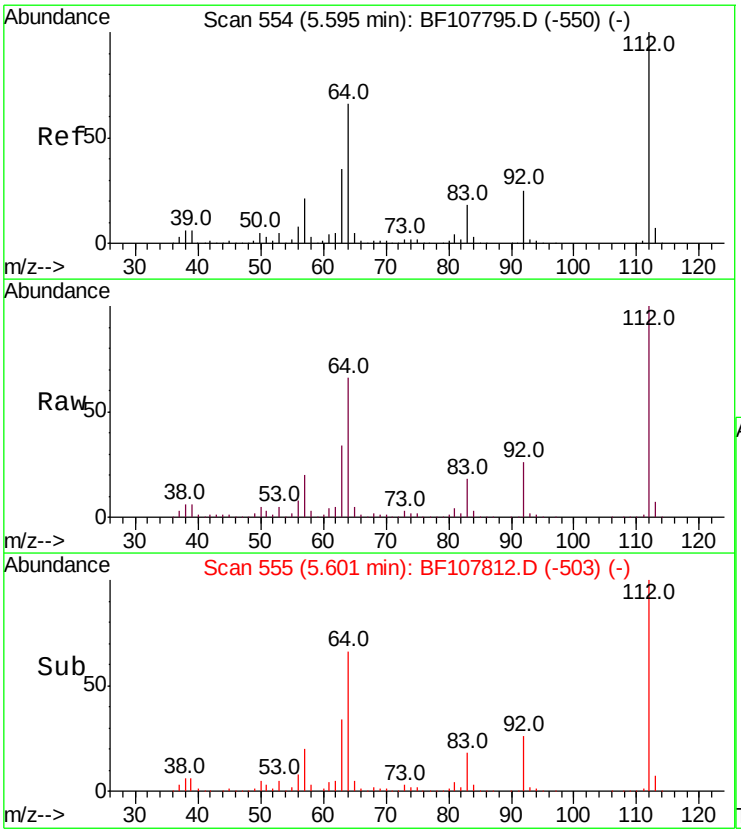
#3
Pyridine
Concen: 6.262 ng
RT: 3.51 min Scan# 200
Delta R.T. -0.10 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 115

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	460.2	29.8	44.8#

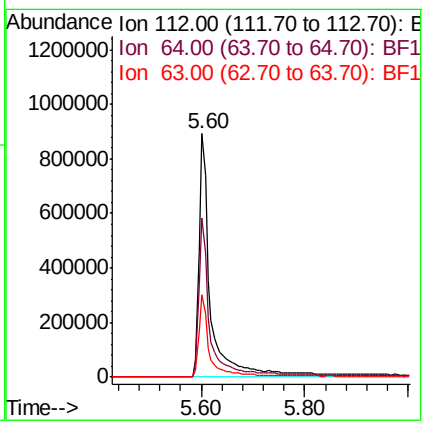


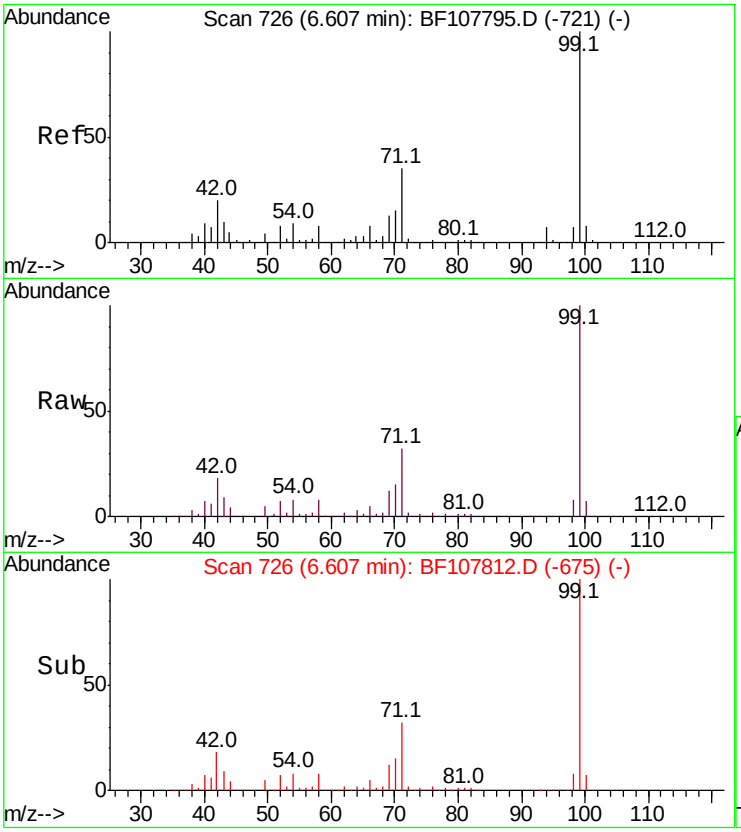


#5
2-Fluorophenol
Concen: 130.990 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:112 Resp: 1417361

Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.6	23.7	35.5



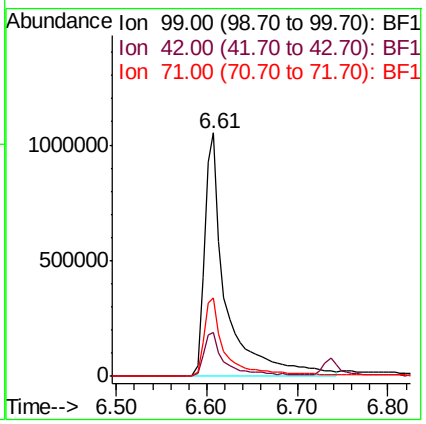


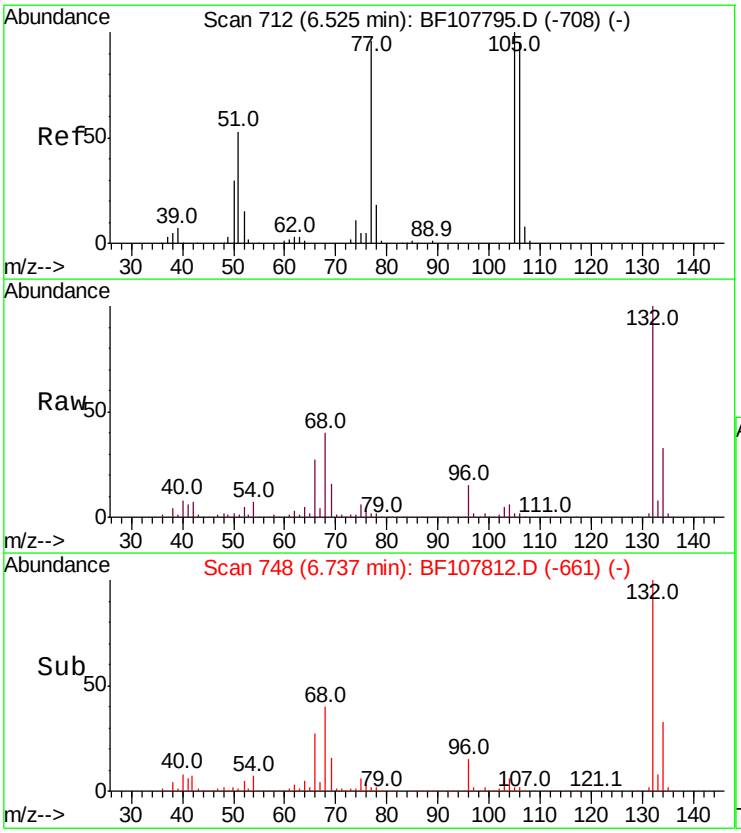
#7
Phenol-d6
Concen: 122.006 ng
RT: 6.61 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1739893

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.5	25.4	38.0

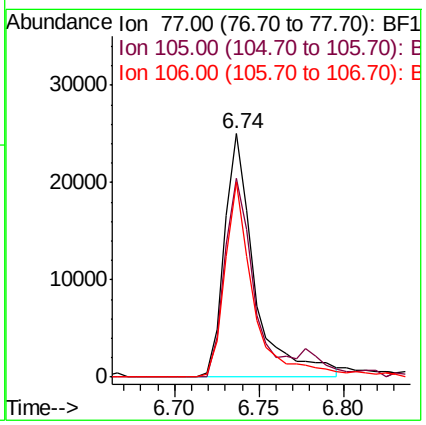


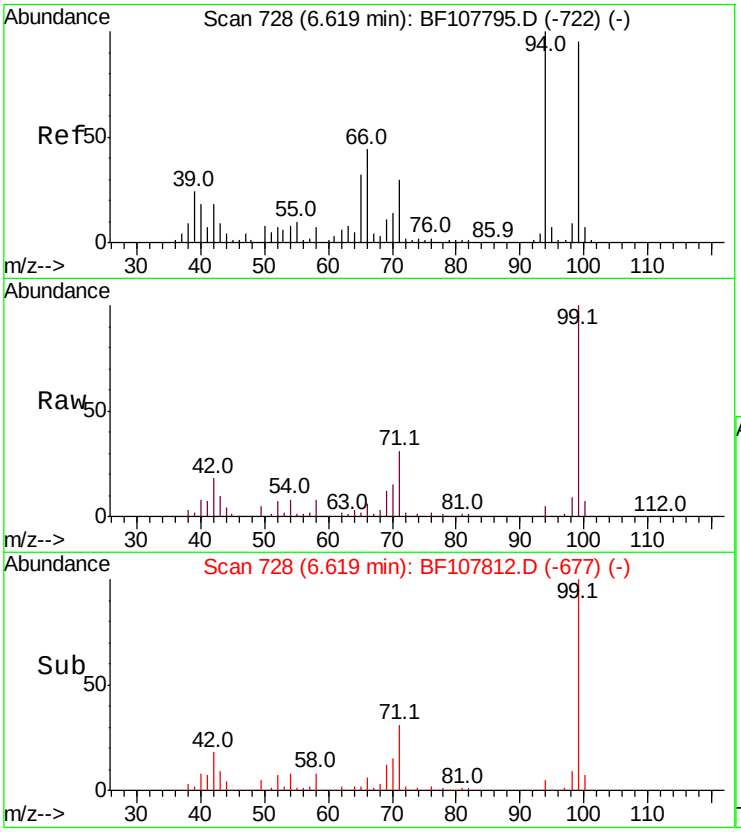


#9
Benzaldehyde
Concen: 3.606 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 77 Resp: 31024

Ion	Ratio	Lower	Upper
77	100		
105	81.7	81.1	121.1
106	79.9	74.5	114.5



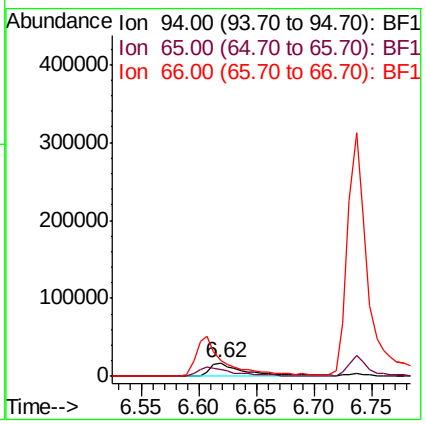


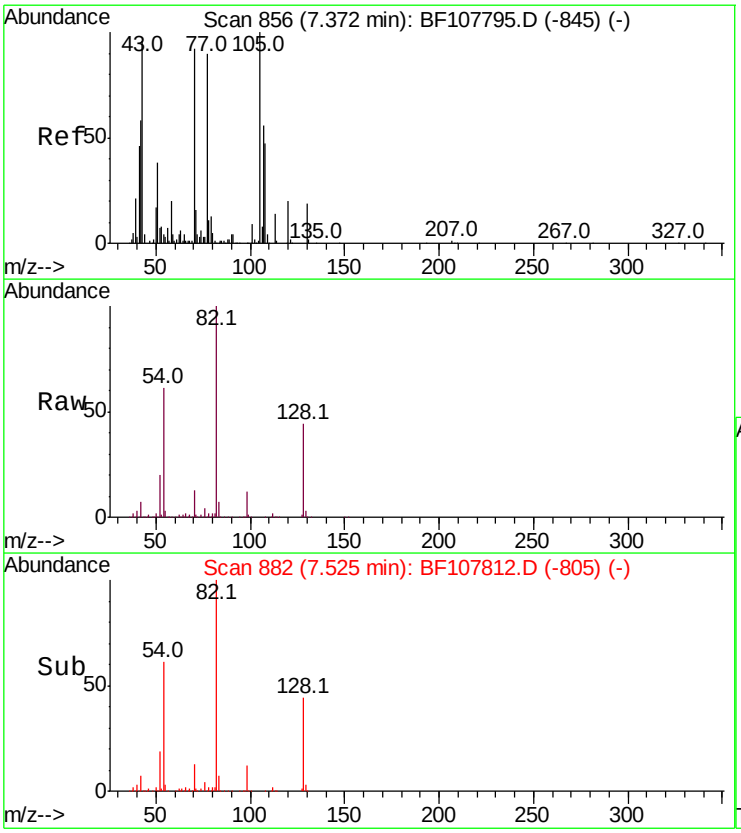
#10
Phenol
Concen: 2.147 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 36519

Ion	Ratio	Lower	Upper
94	100		
65	47.0	7.9	47.9
66	112.3	16.2	56.2#

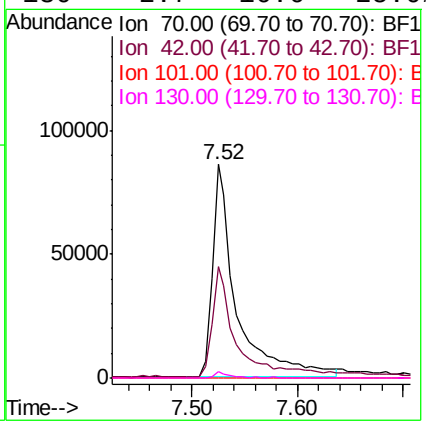


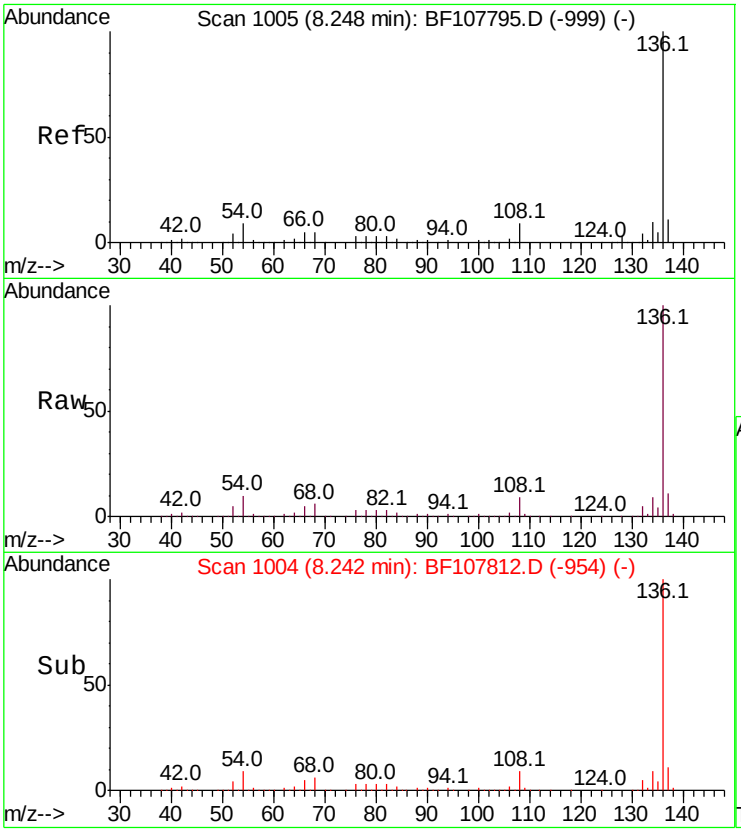


#19
n-Nitroso-di-n-propylamine
Concen: 15.267 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 70 Resp: 138111

Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



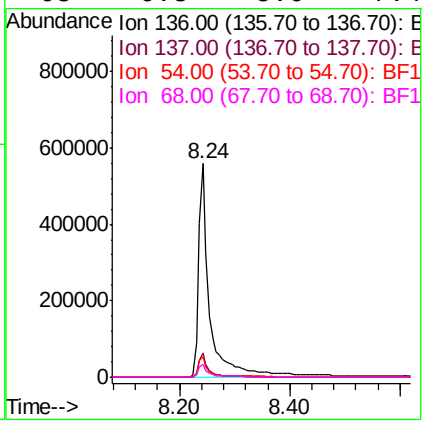


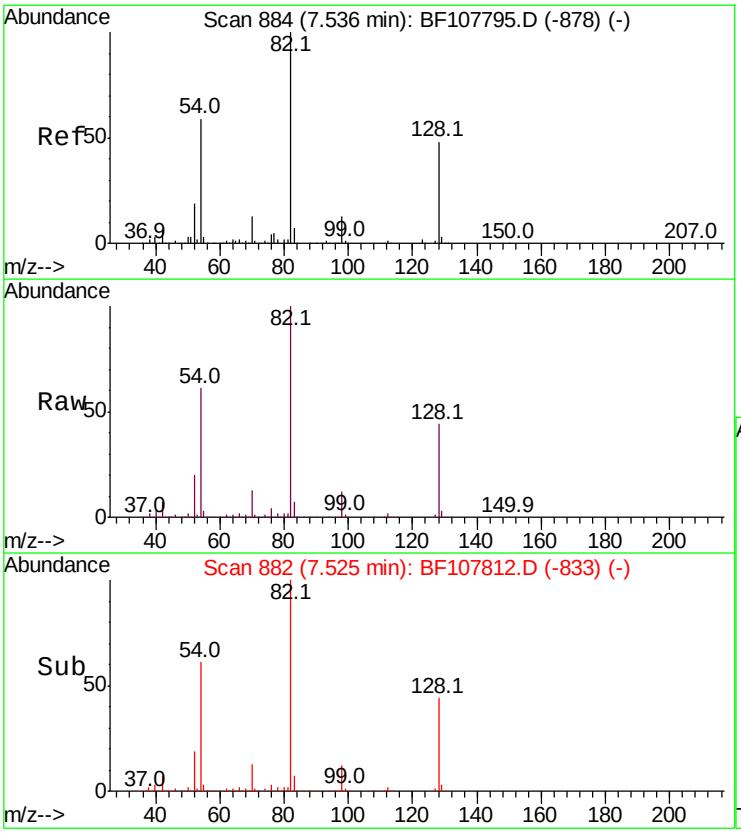
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 801266

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.7	6.6	9.8
68	6.3	5.0	7.4

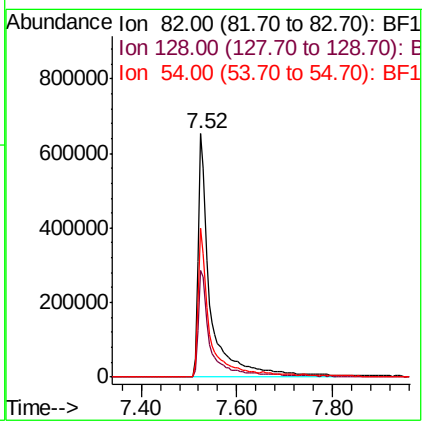


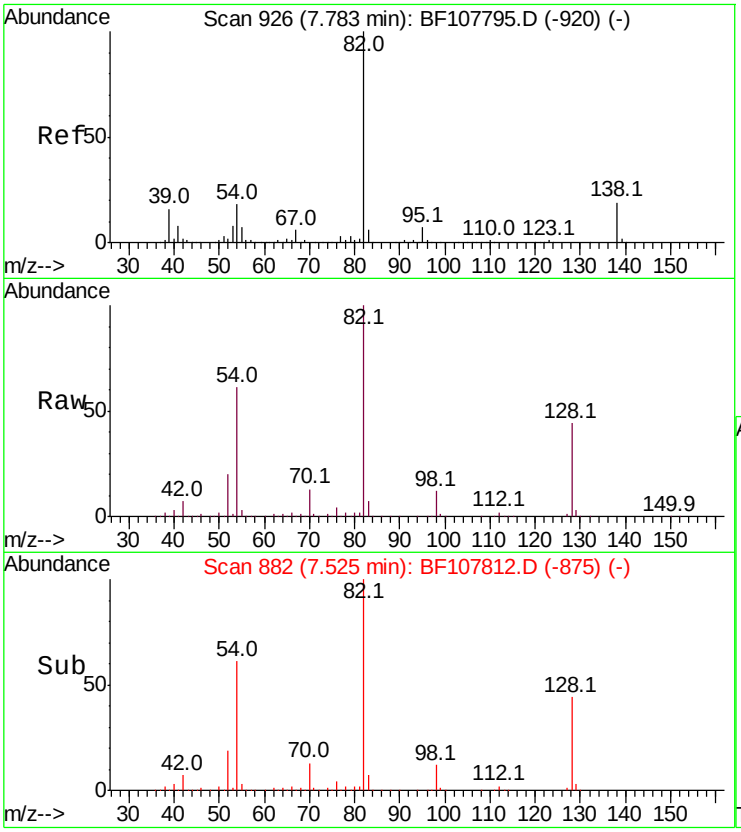


#23
Nitrobenzene-d5
Concen: 84.561 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion: 82 Resp: 1176109

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	61.1	41.4	62.2



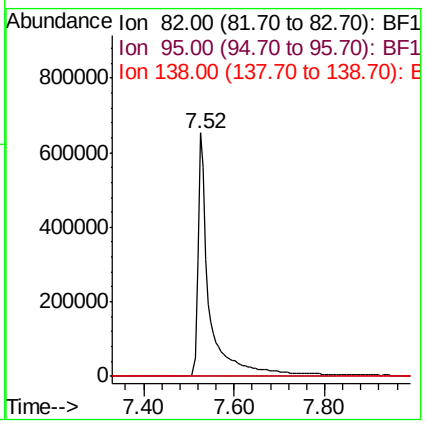


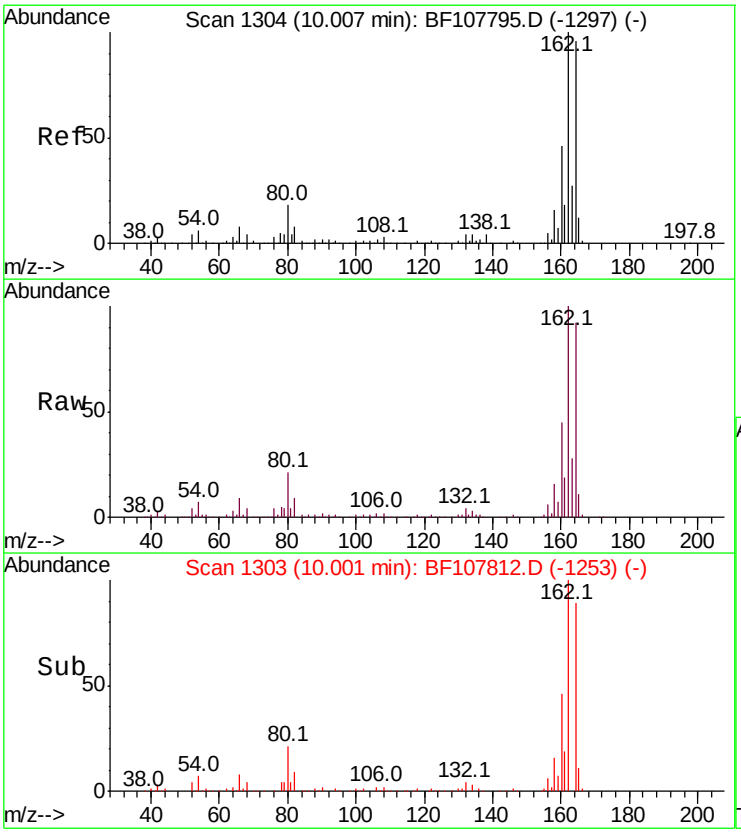
#25
Isophorone
Concen: 51.753 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1181544

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

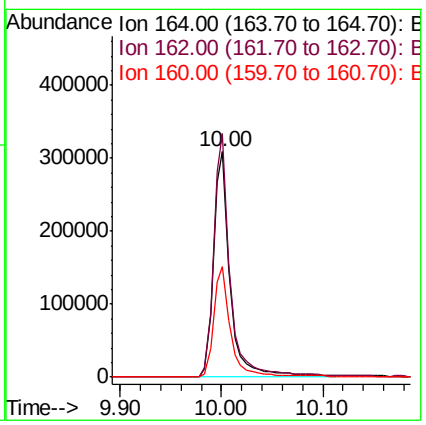


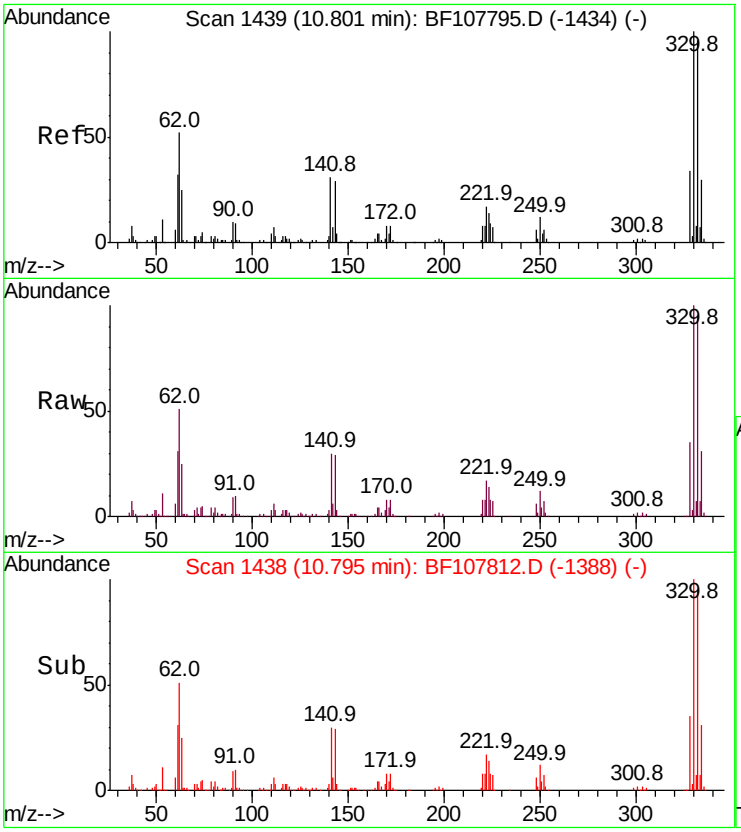


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:164 Resp: 353799

Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.1	129.1
160	49.1	38.3	57.5



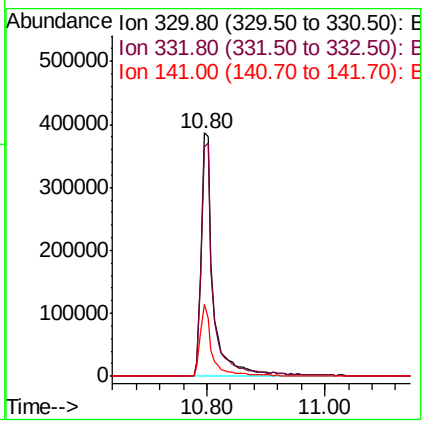


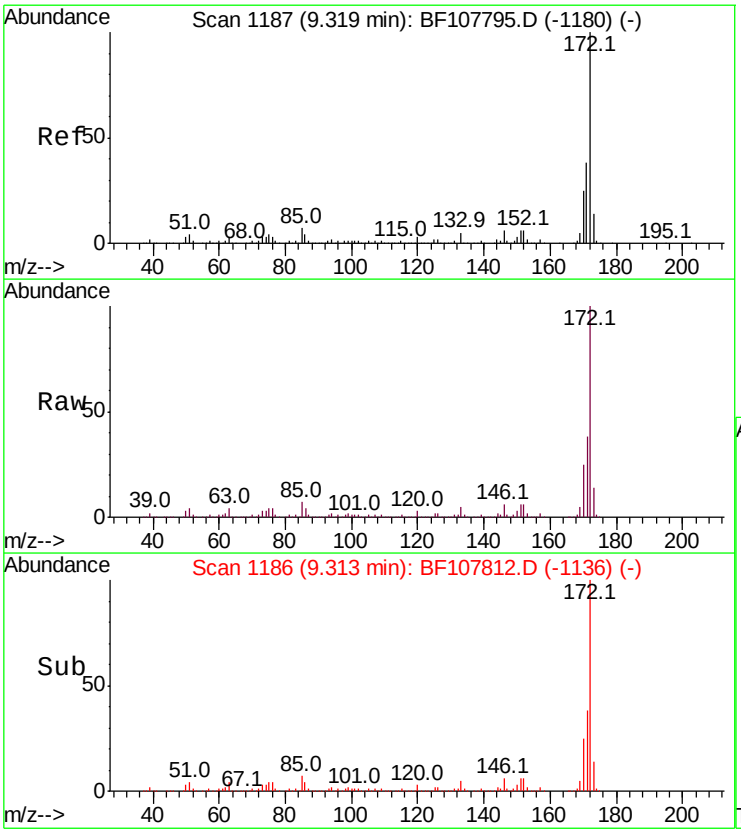
#41
2,4,6-Tribromophenol
Concen: 114.965 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 552683

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	28.7	29.9	44.9#

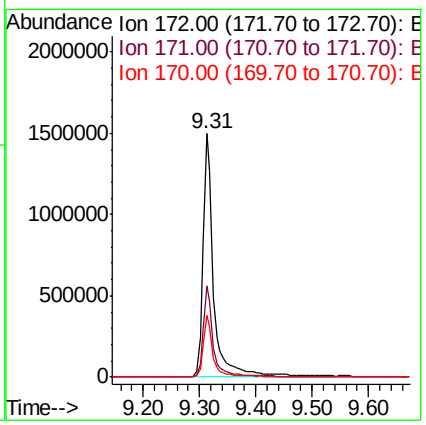


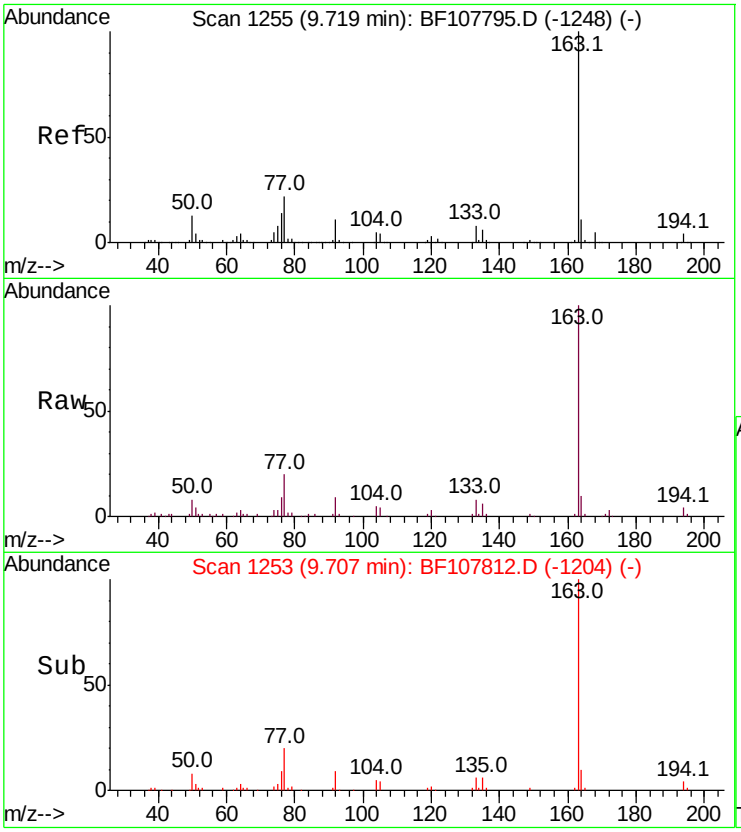


#44
2-Fluorobiphenyl
Concen: 79.142 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:172 Resp: 2009359

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4



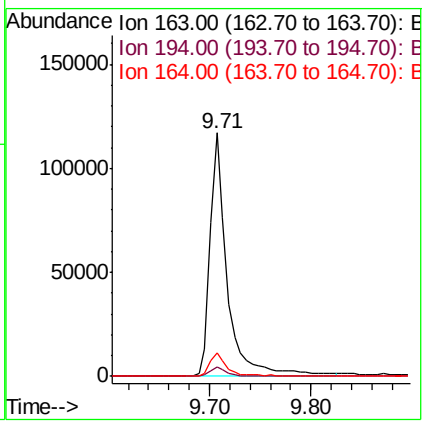


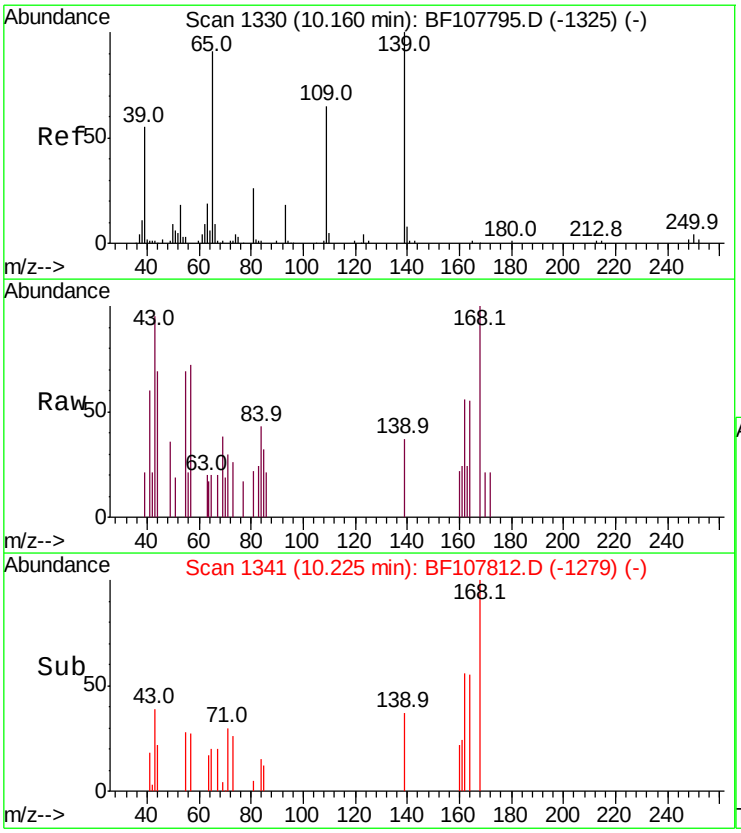
#49
Dimethylphthalate
Concen: 5.232 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 139011

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2

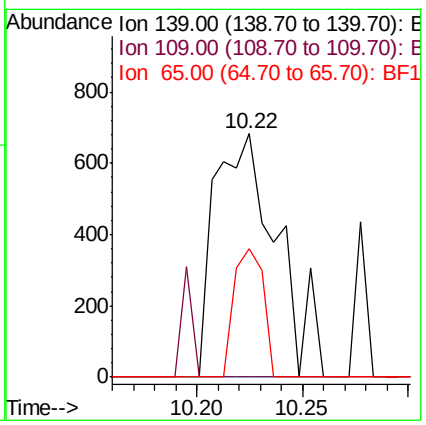


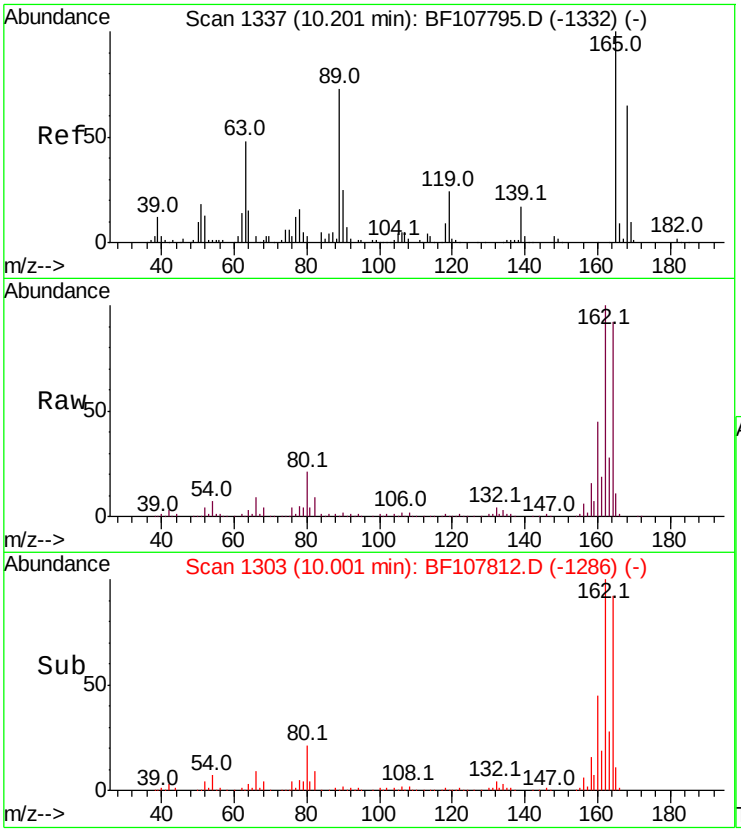


#55
4-Nitrophenol
Concen: 9.674 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:139 Resp: 1402

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	53.0	72.6	112.6#



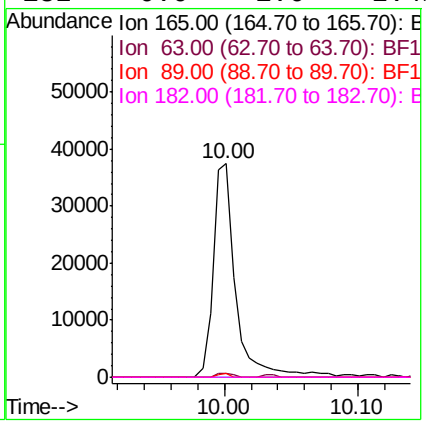


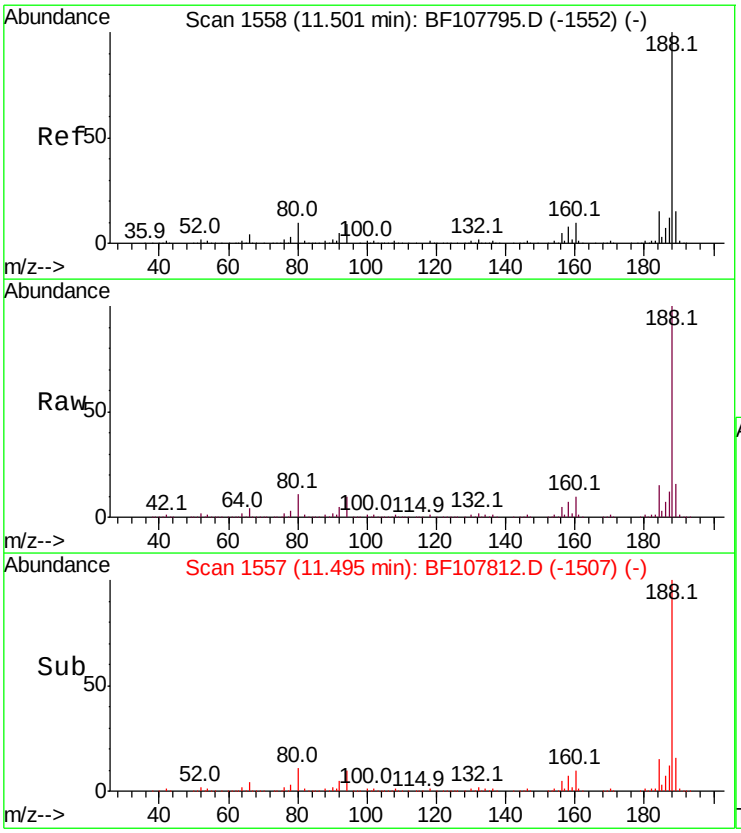
#56
2,4-Dinitrotoluene
Concen: 5.830 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44249

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

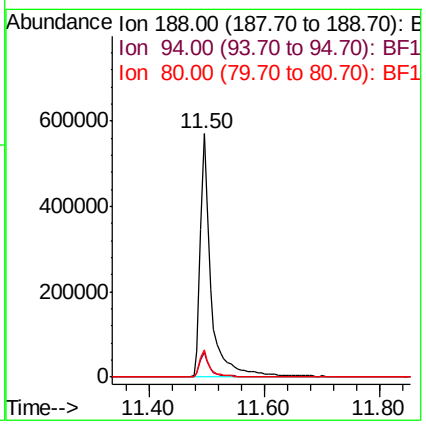


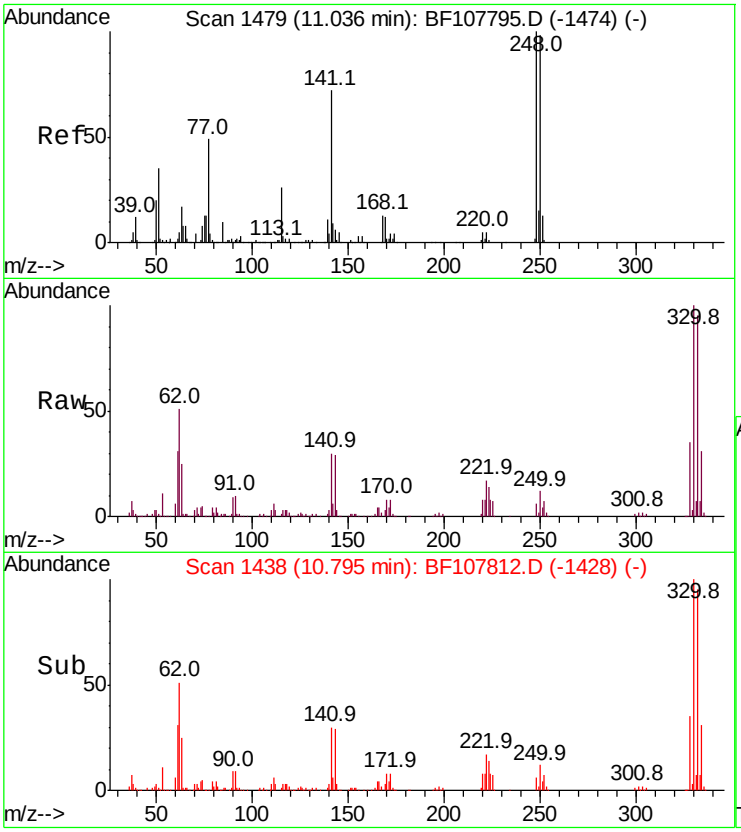


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:188 Resp: 765932

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.0	9.2	13.8



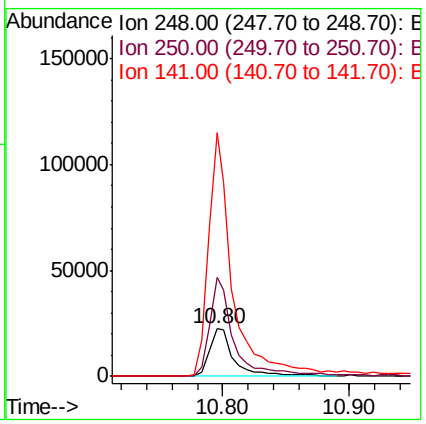


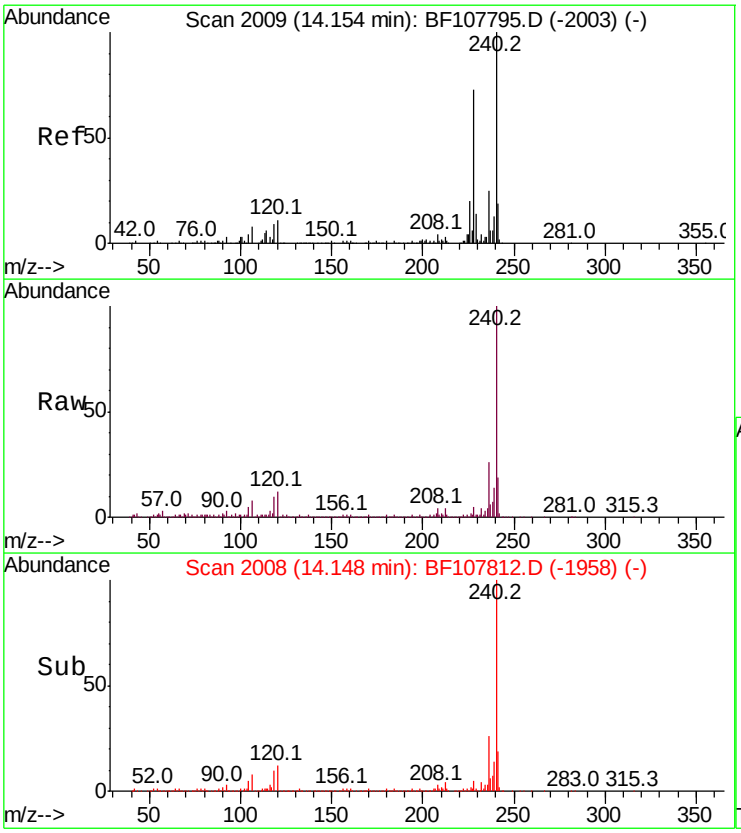
#66
4-Bromophenyl-phenylether
Concen: 3.488 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 31143

Ion	Ratio	Lower	Upper
248	100		
250	209.4	76.9	115.3#
141	512.0	74.4	111.6#

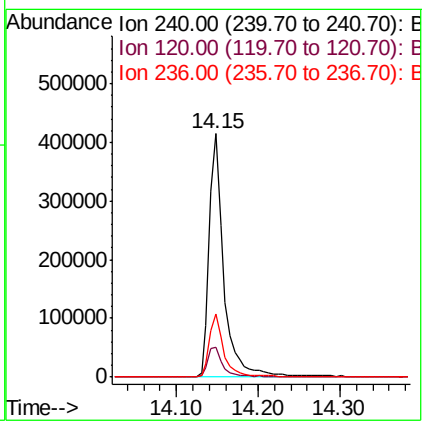


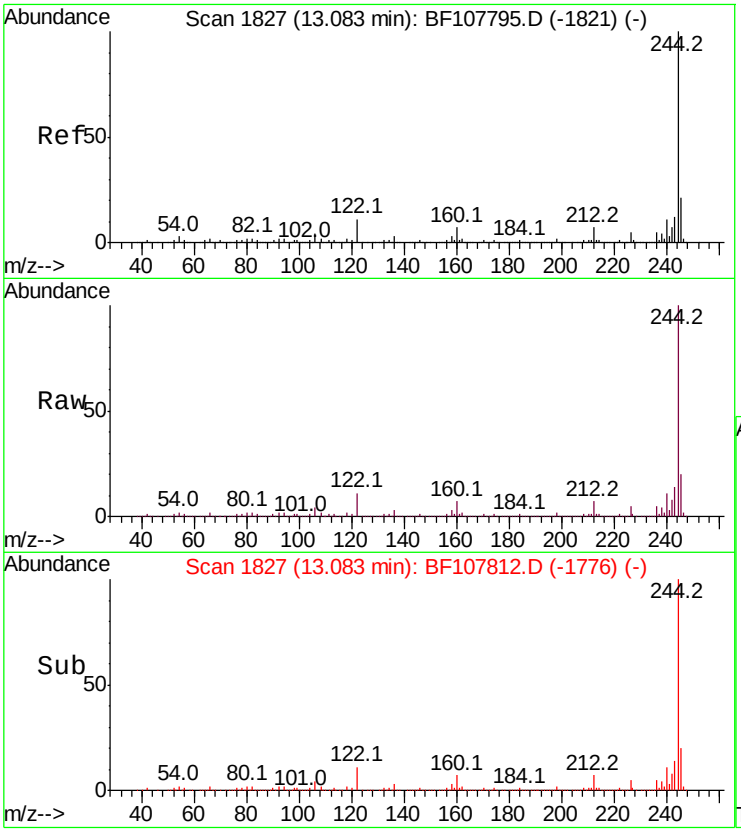


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:240 Resp: 518680

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1



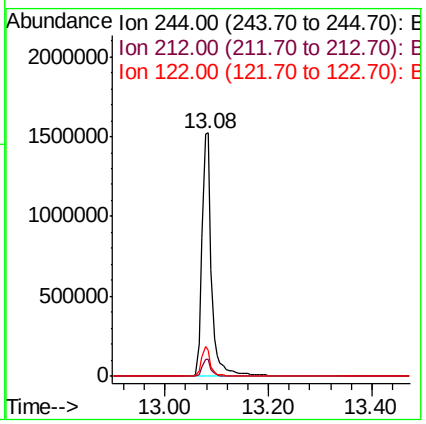


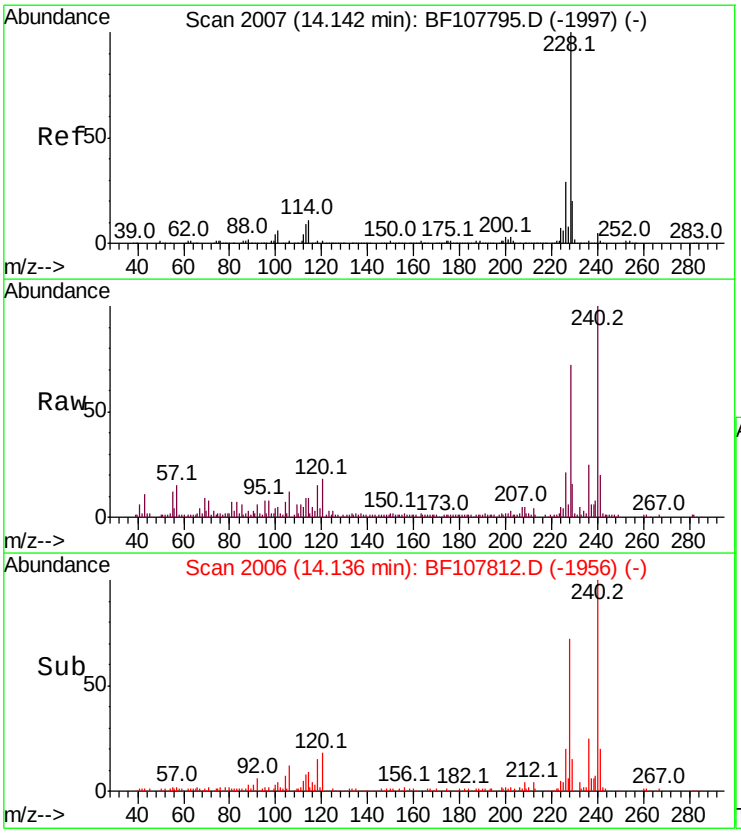
#78
Terphenyl-d14
Concen: 83.403 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1994965

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4#

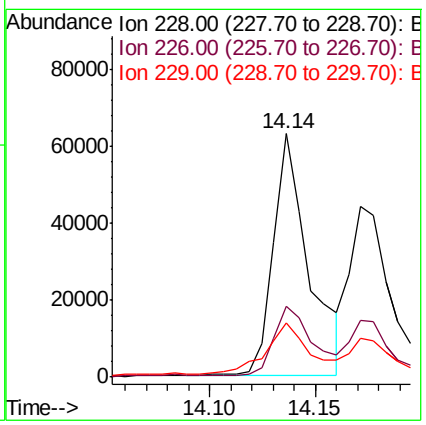


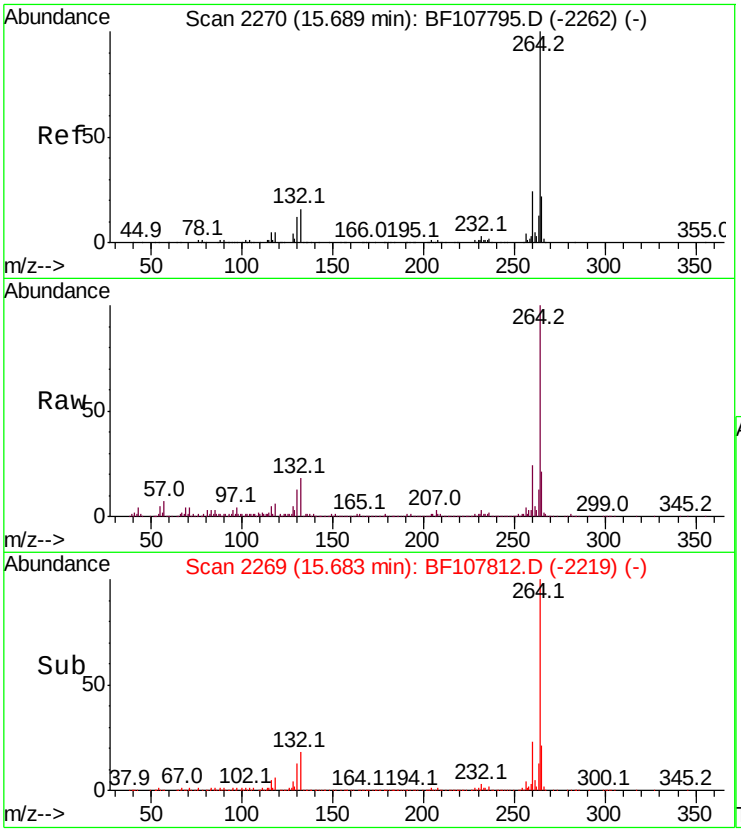


#80
Benzo(a)anthracene
Concen: 2.511 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:228 Resp: 73784

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	15.8	23.6



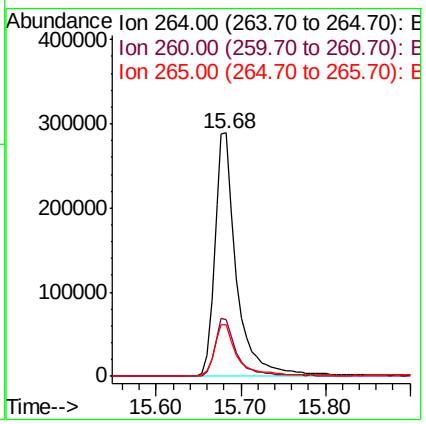


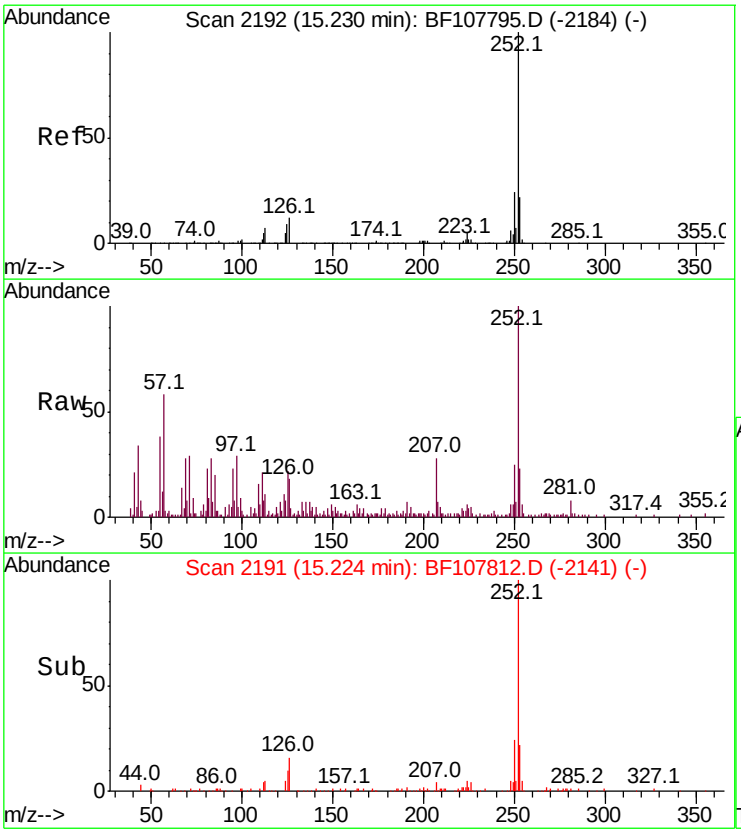
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 519744

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3

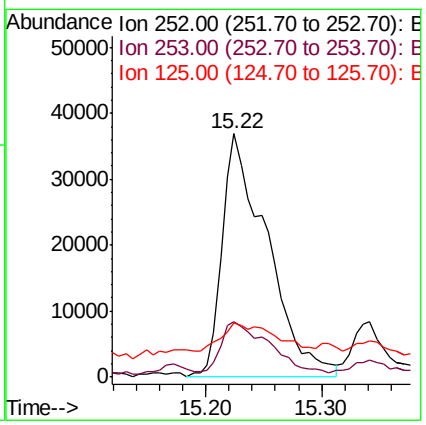


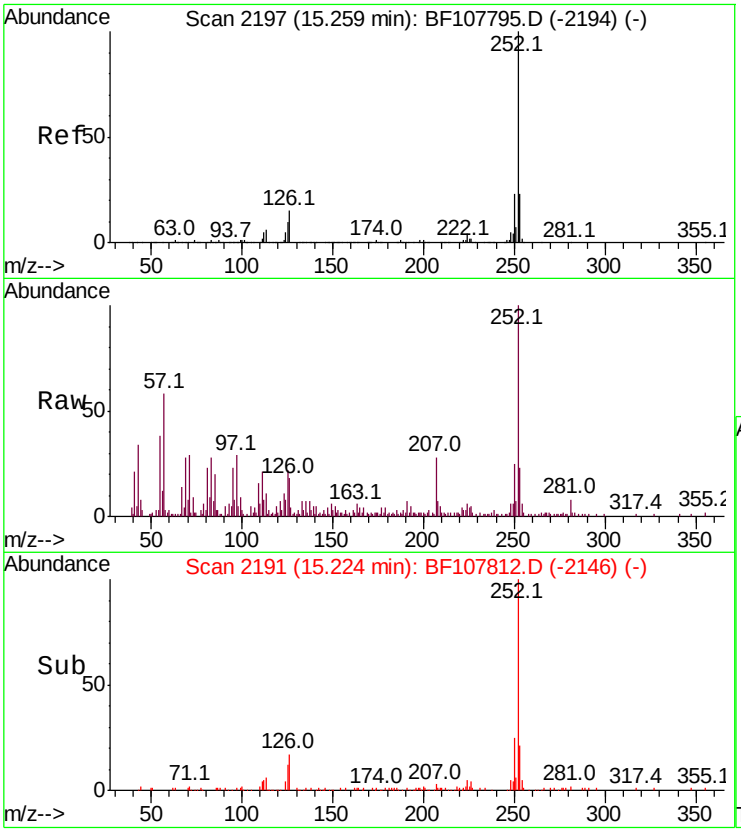


#87
Benzo(b)fluoranthene
Concen: 3.912 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:252 Resp: 100276

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	22.1	9.0	13.6#



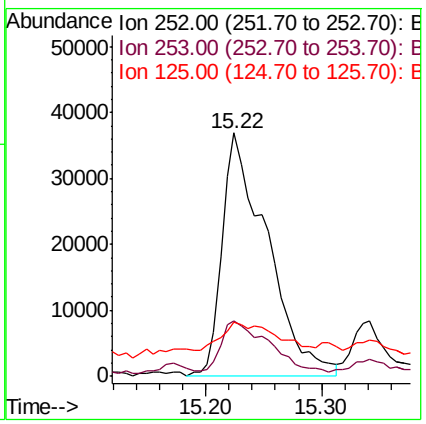


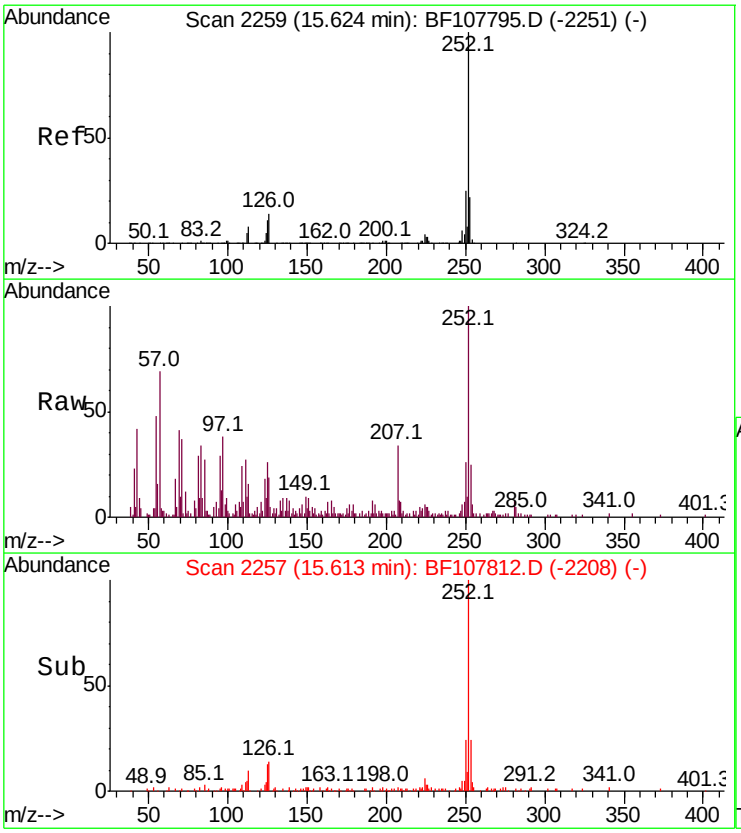
#88
Benzo(k)fluoranthene
Concen: 3.186 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 100276

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	22.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.106 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:252 Resp: 55730

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	26.4	9.8	14.6#