Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107745.D
Acq On : 27 Jul 2018 14:59
Operator : JU/SJ
Sample : J4180-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 27 17:07:58 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	151247	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	655438	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	288830	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	550470	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	399168	20.00	ng		-0.02
86) Perylene-d12	15.67	264	429456	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	724886	77.06	ng		-0.01
7) Phenol-d6	6.60	99	975907	86.40	ng		-0.02
23) Nitrobenzene-d5	7.52	82	604229	62.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	294525	89.67	ng		-0.02
44) 2-Fluorobiphenyl	9.31	172	1139234	62.69	ng		-0.02
78) Terphenyl-d14	13.08	244	991841	63.61	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	75097	10.291	ng	#	79
25) Isophorone	7.52	82	604229	29.138	ng	#	64
49) Dimethylphthalate	9.71	163	90316	4.149	ng		98
50) 2,6-Dinitrotoluene	10.00	165	35249	8.156	ng	#	26
56) 2,4-Dinitrotoluene	10.00	165	36035	6.907	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	398	8.803	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	16455	2.539	ng	#	1
73) Di-n-butylphthalate	12.04	149	25010	Below Cal		#	98
74) Fluoranthene	12.71	202	66674	2.316	ng		96
77) Pyrene	12.94	202	96234	3.525	ng		96
81) 3,3'-Dichlorobenzidine	14.10	252	455	Below Cal		#	83
87) Benzo(b)fluoranthene	15.22	252	75448	3.210	ng	#	86
88) Benzo(k)fluoranthene	15.22	252	74120	3.219	ng	#	89
89) Benzo(a)pyrene	15.61	252	52383	2.436	ng		93

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

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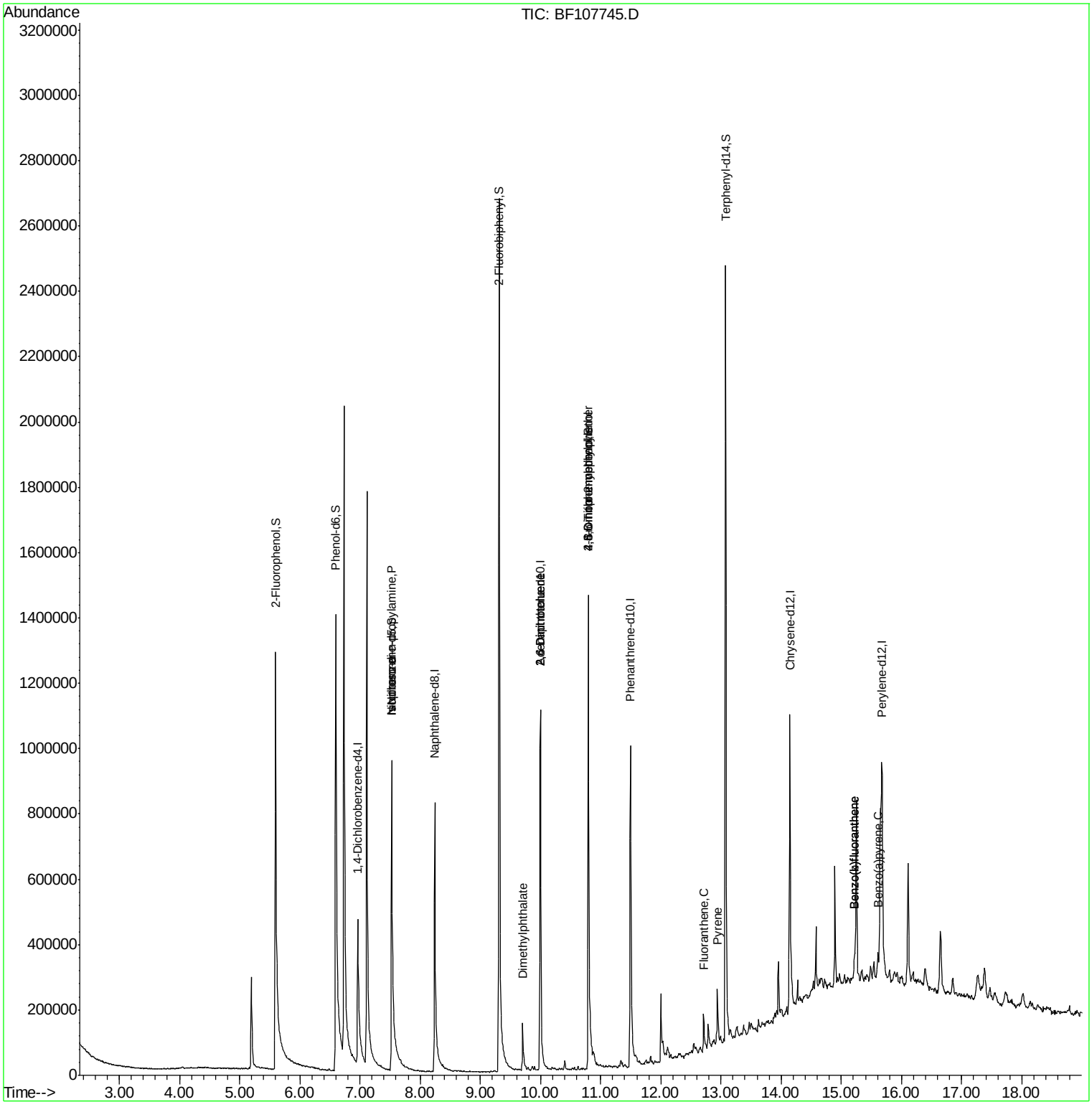
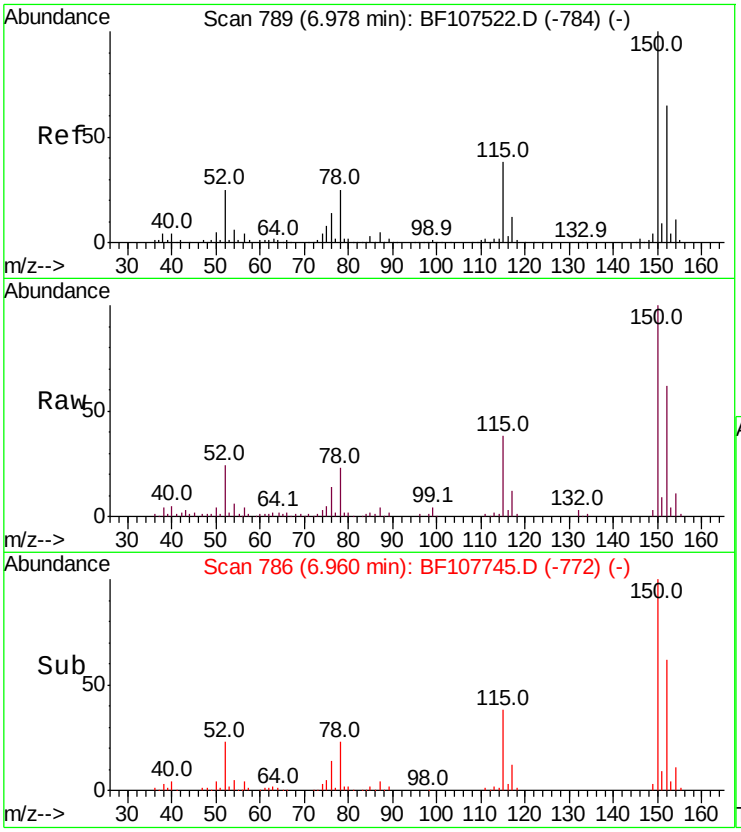
Quant Time: Jul 27 17:07:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



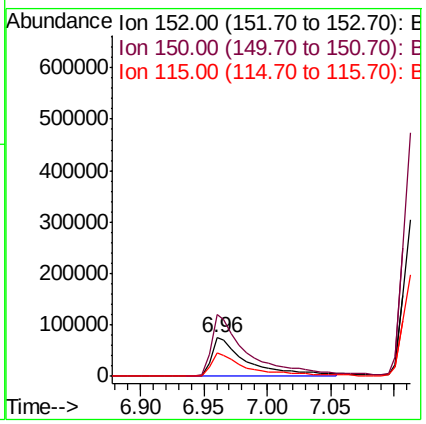


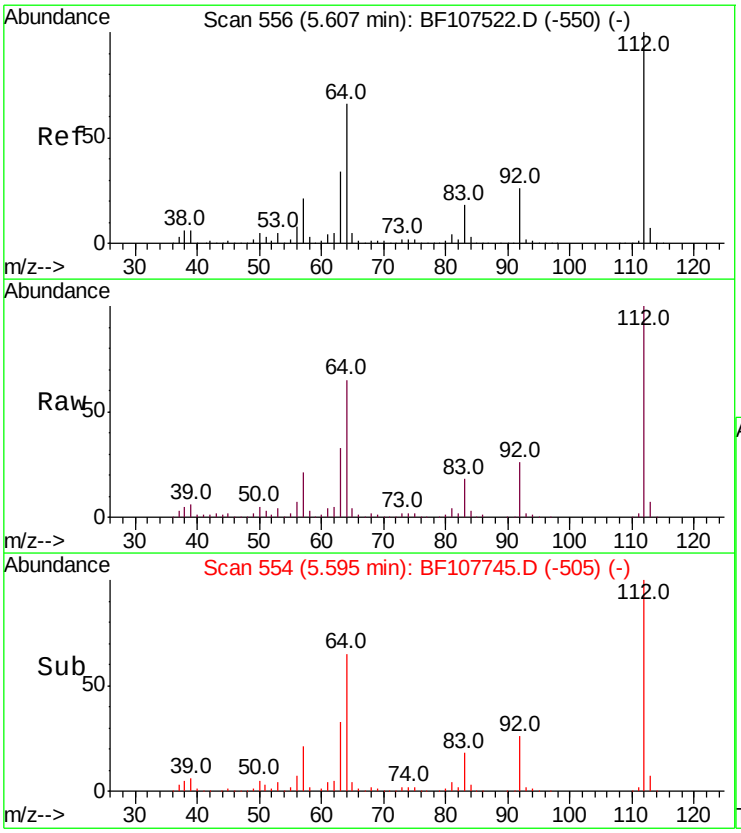
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151247

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	60.5	50.1	75.1

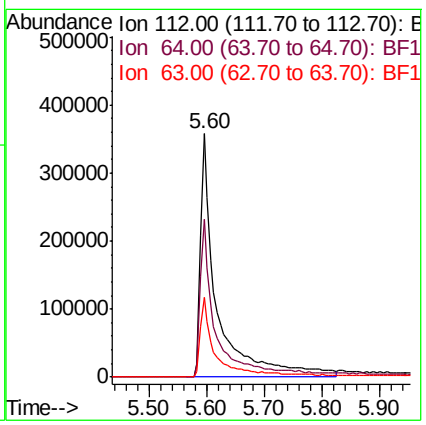


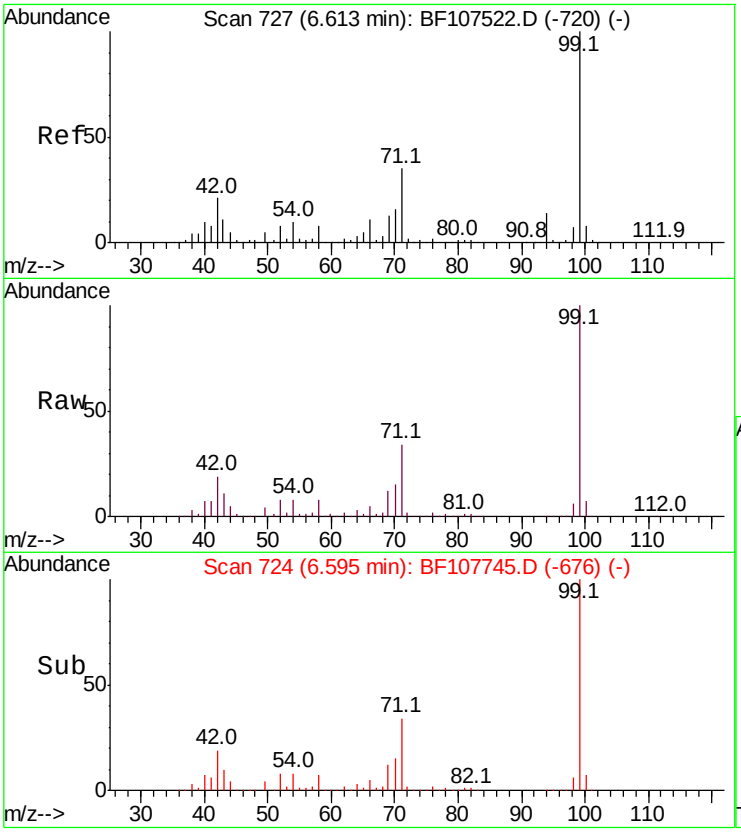


#5
2-Fluorophenol
Concen: 77.058 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:112 Resp: 724886

Ion	Ratio	Lower	Upper
112	100		
64	65.0	47.9	71.9
63	32.8	23.7	35.5



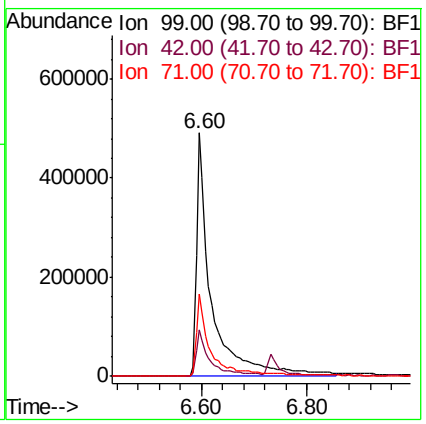


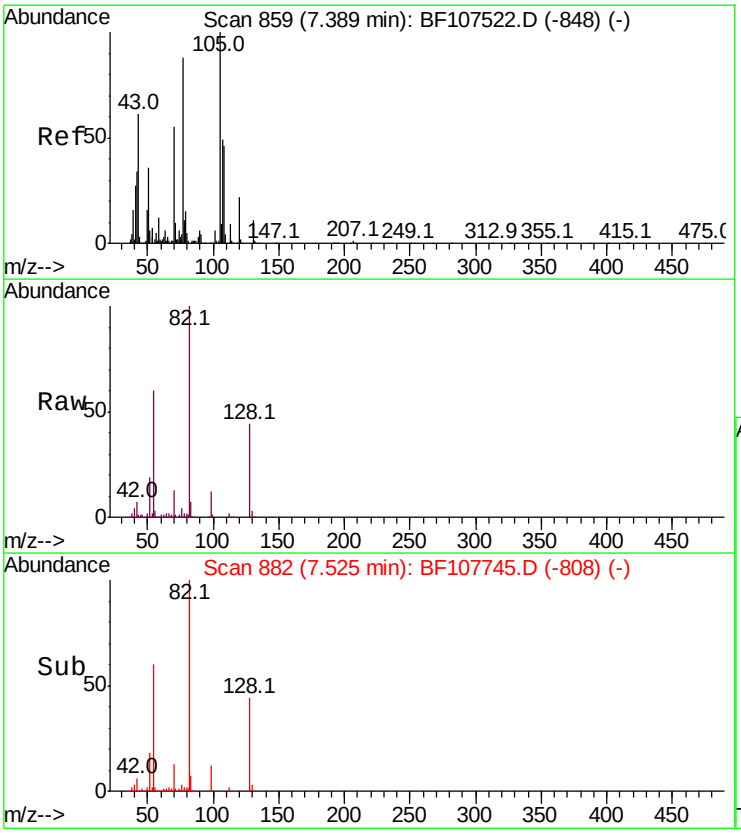
#7
Phenol-d6
Concen: 86.399 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 975907

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.8	25.4	38.0

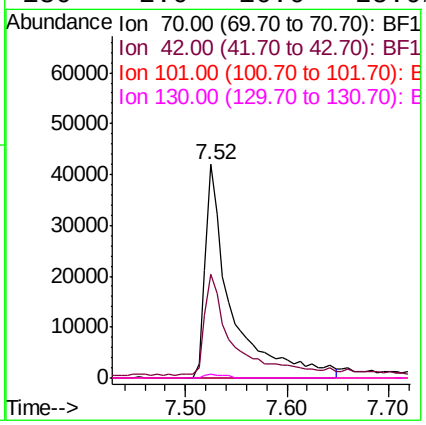


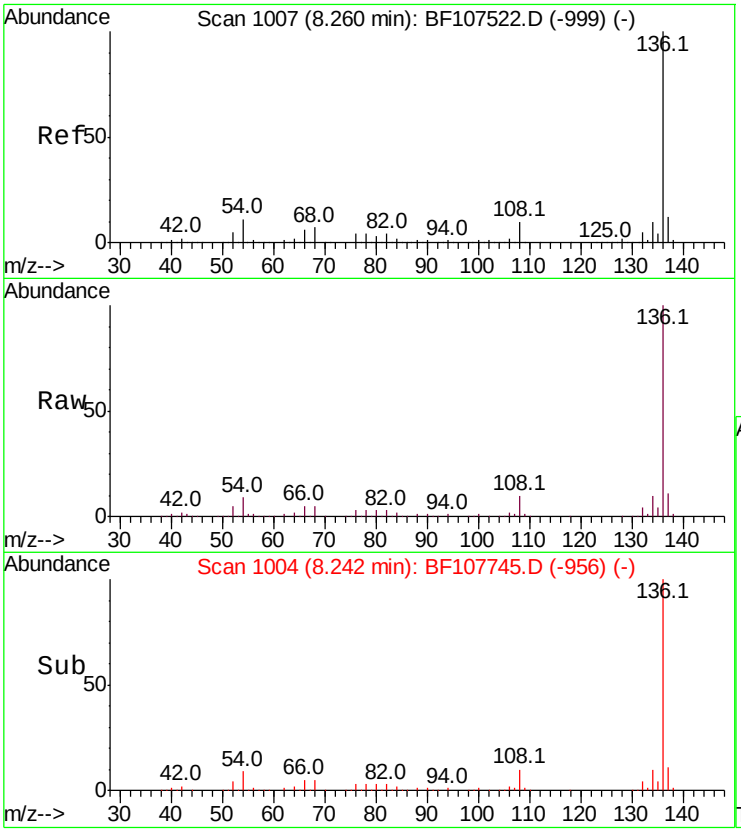


#19
n-Nitroso-di-n-propylamine
Concen: 10.291 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion: 70 Resp: 75097

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



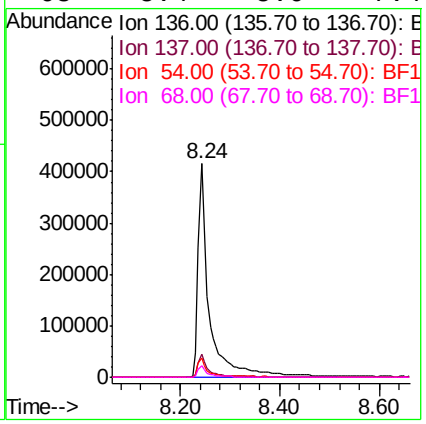


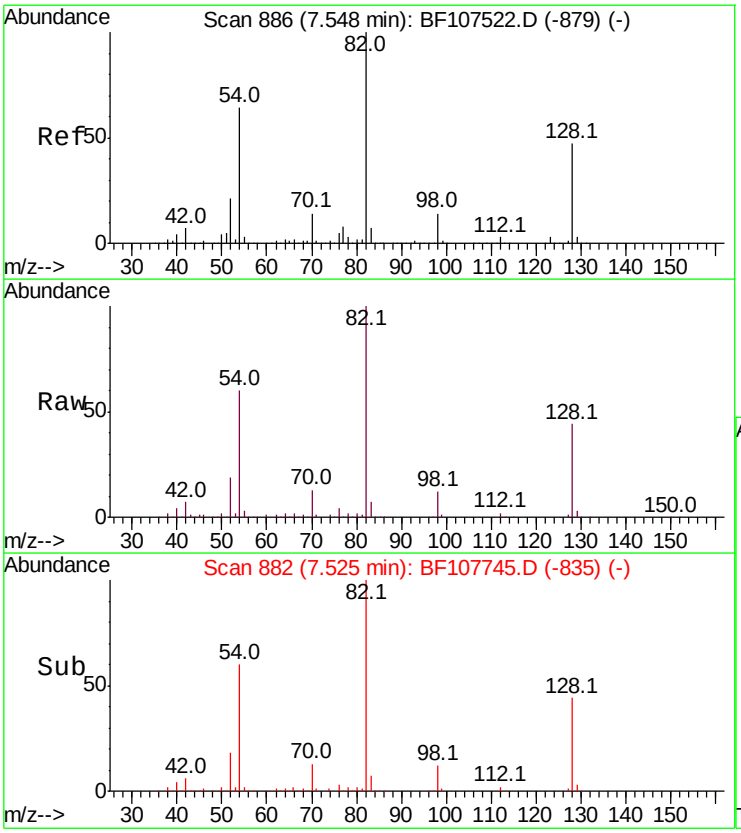
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 655438

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4

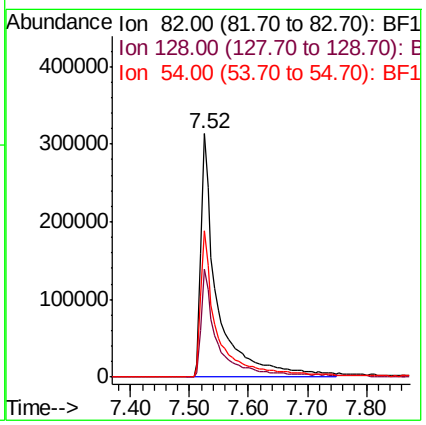


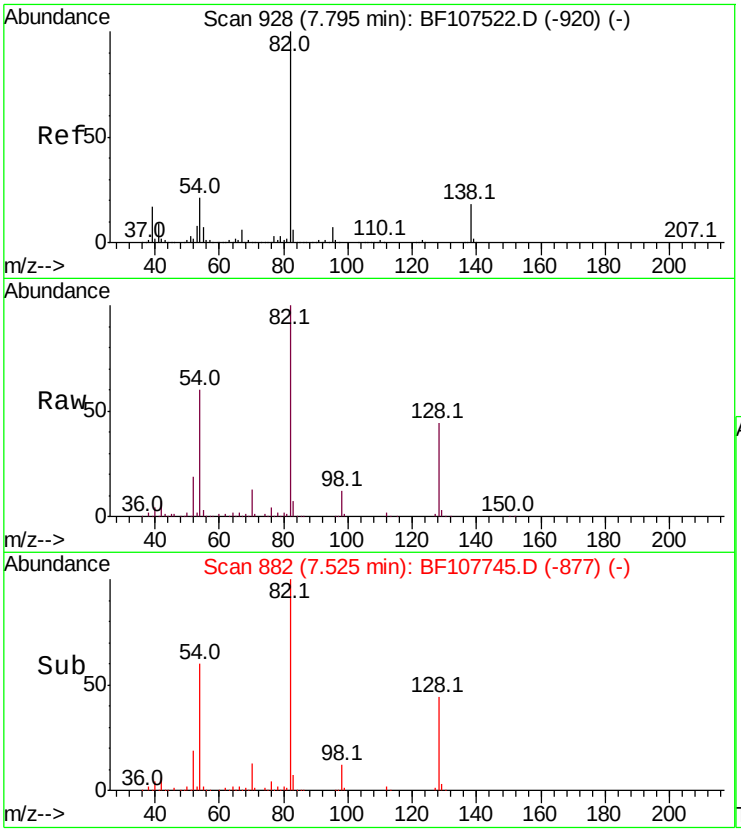


#23
Nitrobenzene-d5
Concen: 62.215 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion: 82 Resp: 604229

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	60.0	41.4	62.2



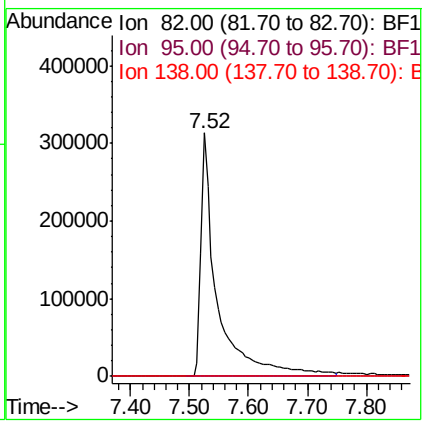


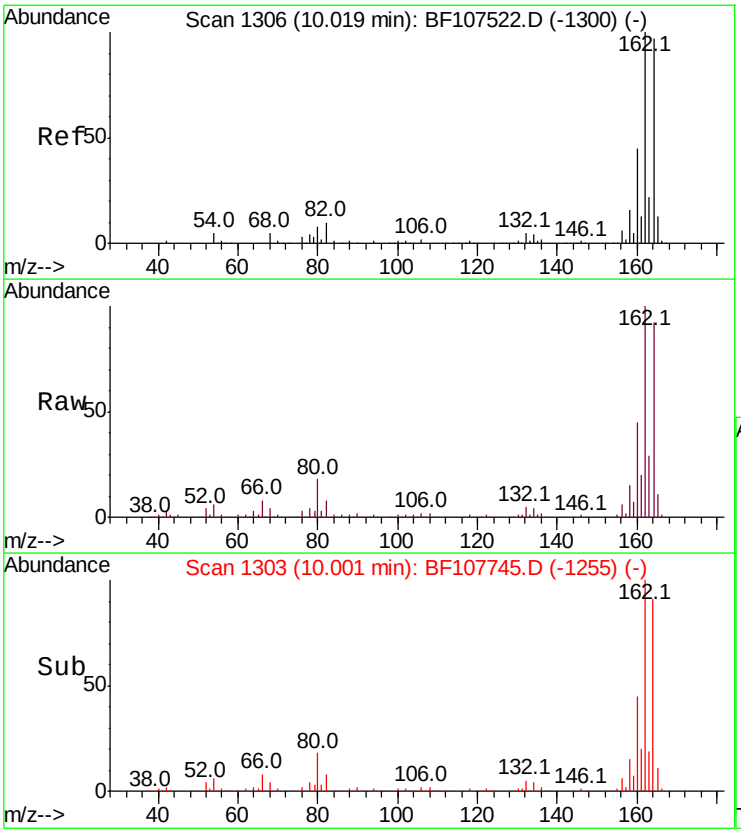
#25
Isophorone
Concen: 29.138 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 604229

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

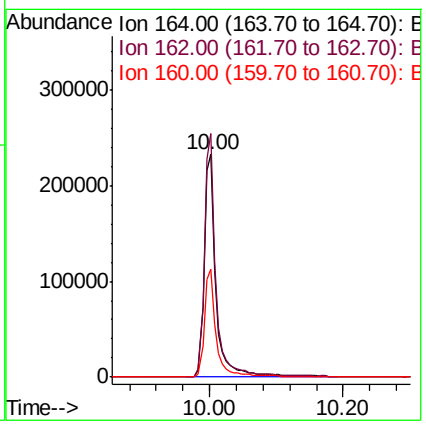


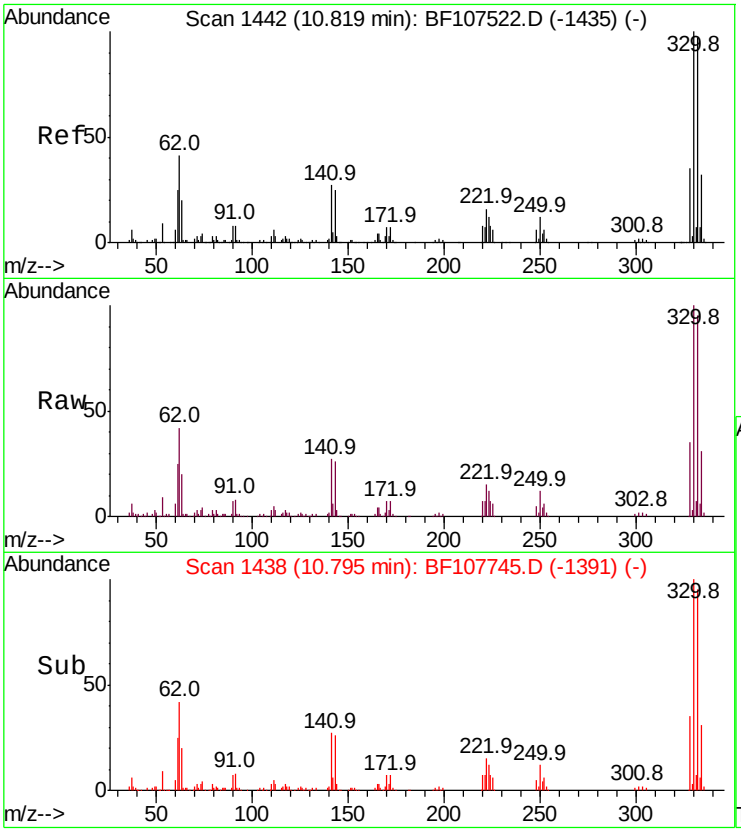


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:164 Resp: 288830

Ion	Ratio	Lower	Upper
164	100		
162	109.2	86.1	129.1
160	48.7	38.3	57.5



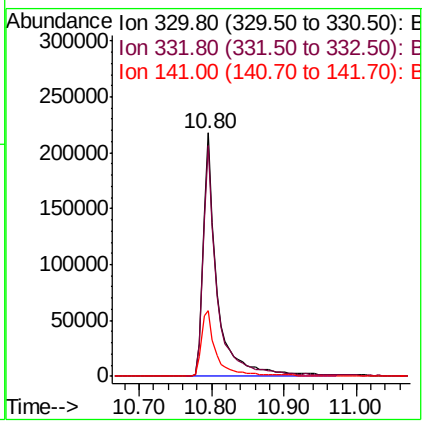


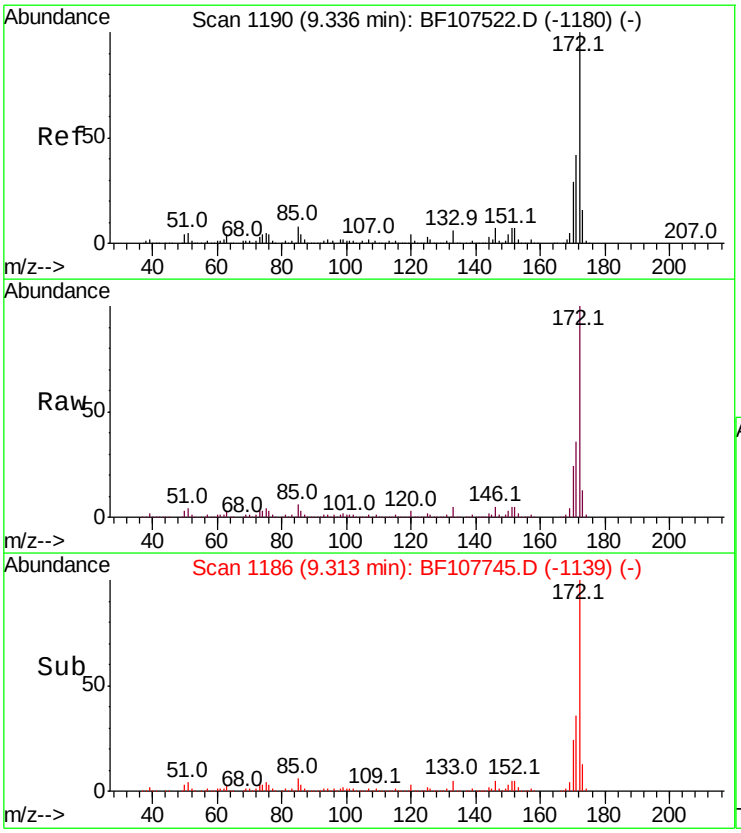
#41
2,4,6-Tribromophenol
Concen: 89.673 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 294525

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.8	29.9	44.9#

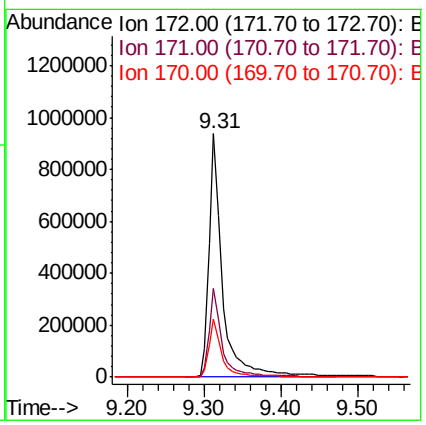


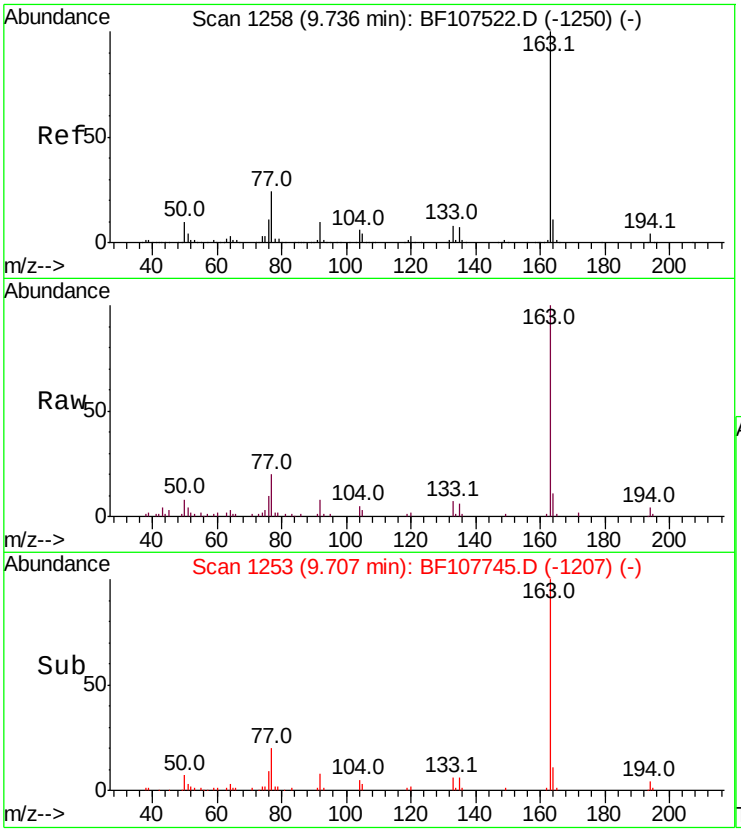


#44
2-Fluorobiphenyl
Concen: 62.686 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:172 Resp: 1139234

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



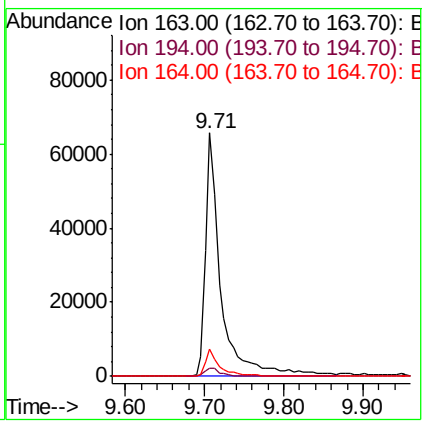


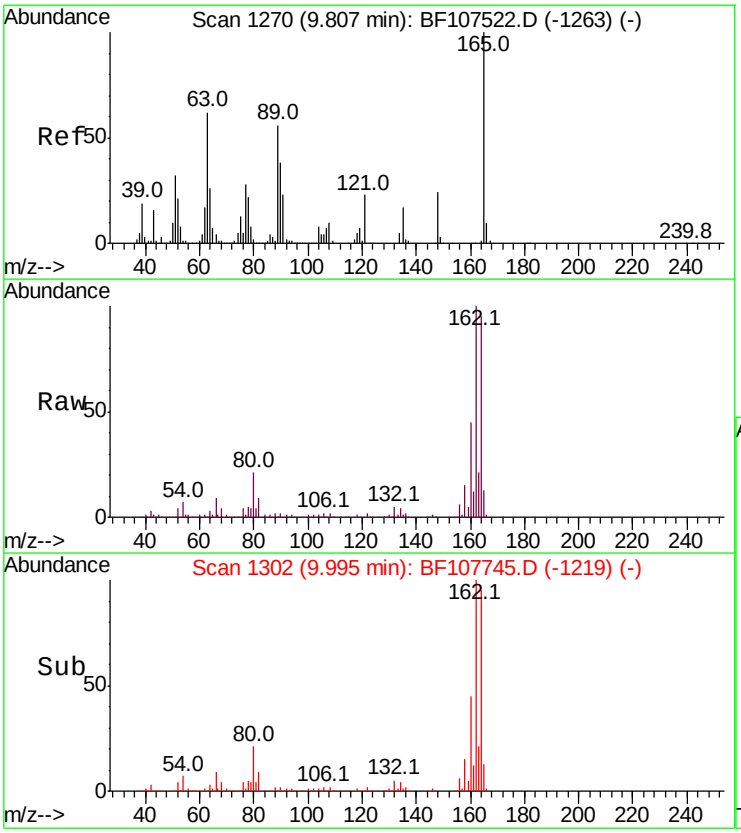
#49
Dimethylphthalate
Concen: 4.149 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 90316

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	11.1	8.2	12.2

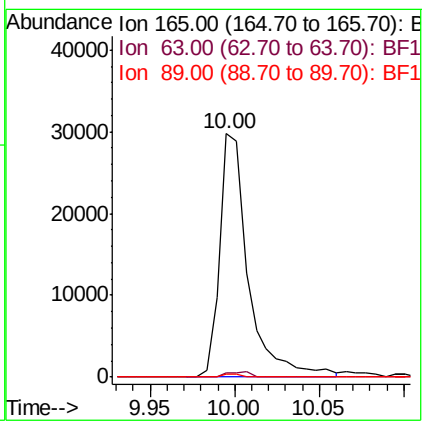


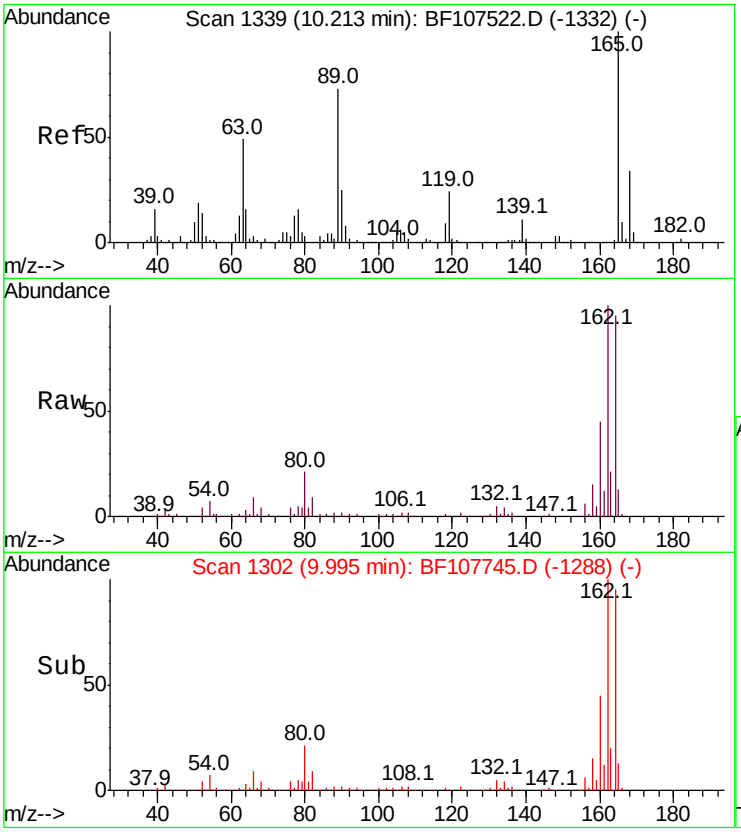


#50
2,6-Dinitrotoluene
Concen: 8.156 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:165 Resp: 35249

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.4	44.0	66.0#



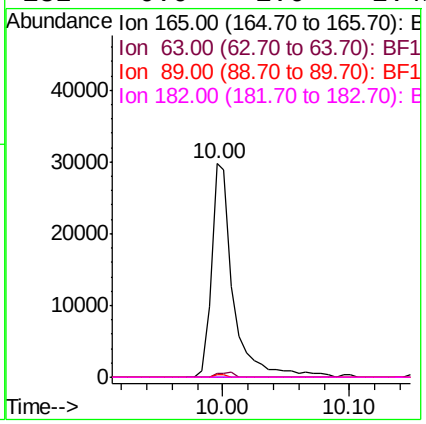


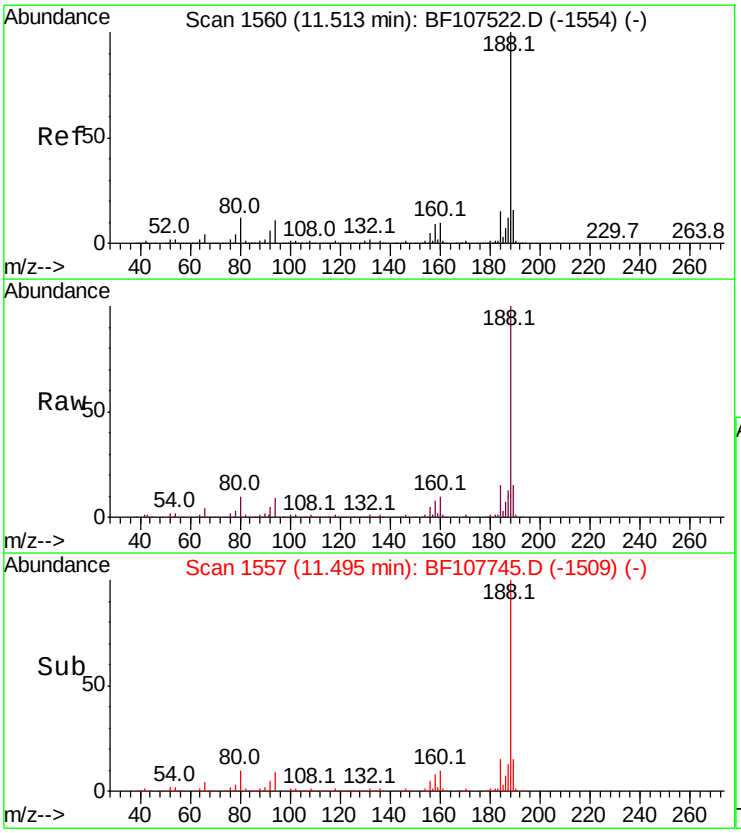
#56
2,4-Dinitrotoluene
Concen: 6.907 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.22 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 36035

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

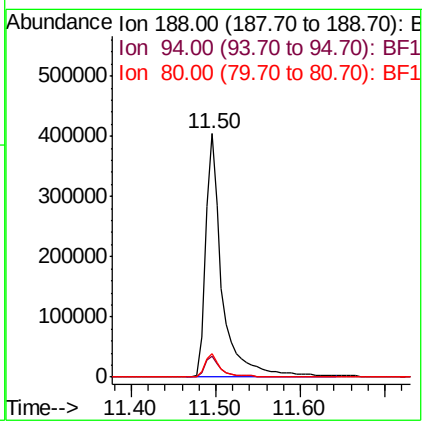


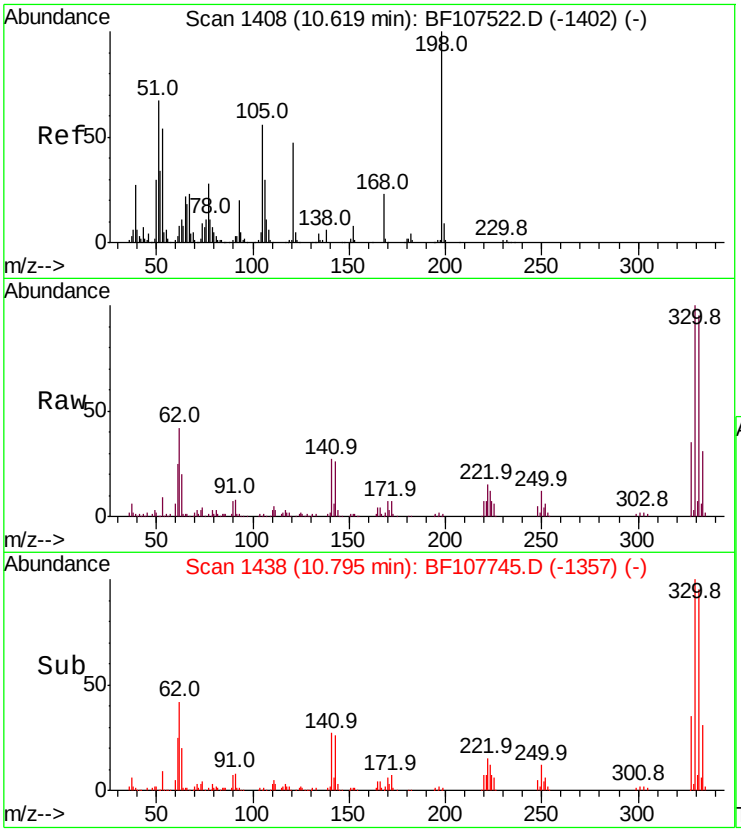


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:188 Resp: 550470

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



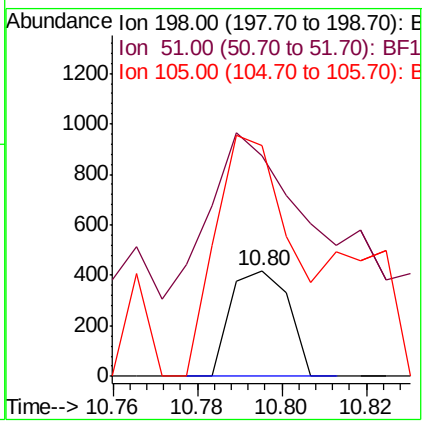


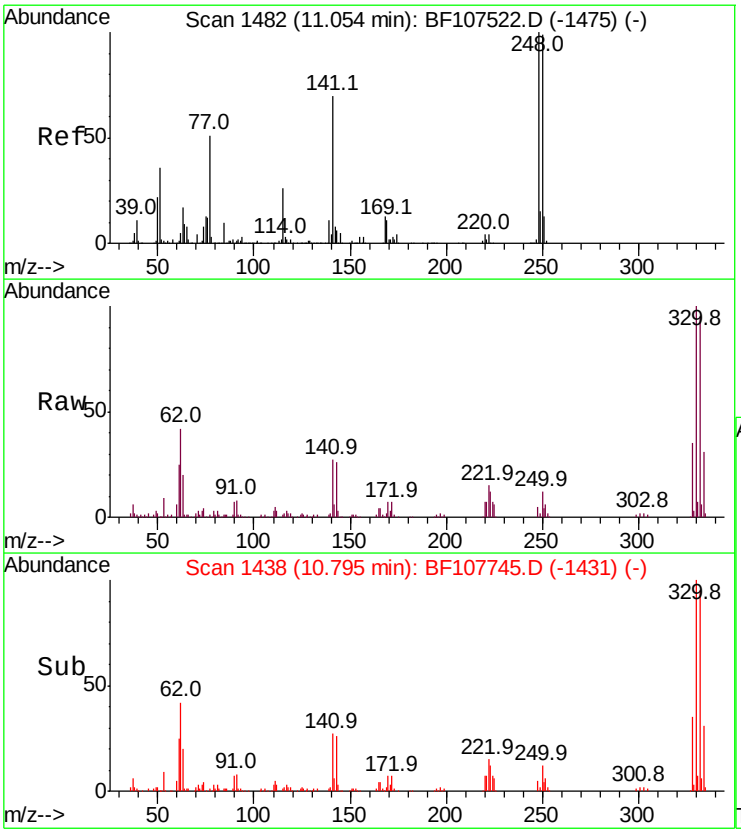
#64
4,6-Dinitro-2-methylphenol
Concen: 8.803 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 398

Ion	Ratio	Lower	Upper
198	100		
51	209.1	37.7	77.7#
105	218.4	36.3	76.3#

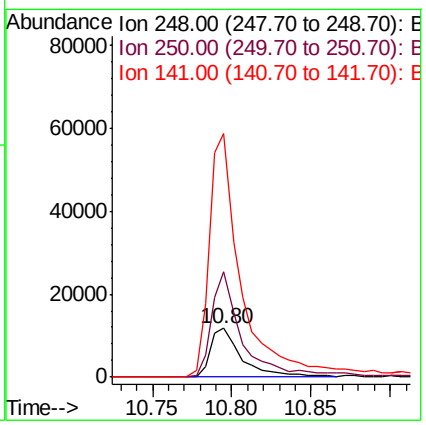


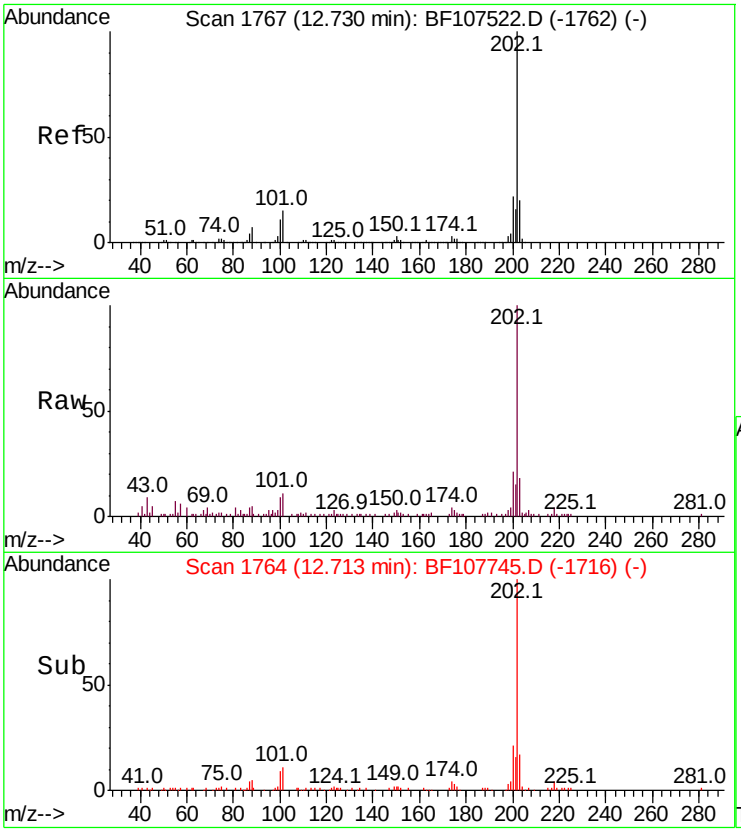


#66
4-Bromophenyl-phenylether
Concen: 2.539 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:248 Resp: 16455

Ion	Ratio	Lower	Upper
248	100		
250	218.4	76.9	115.3#
141	502.0	74.4	111.6#



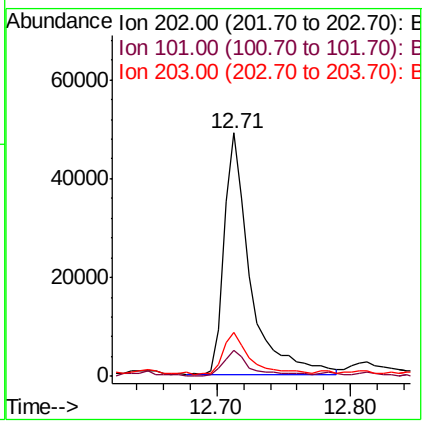


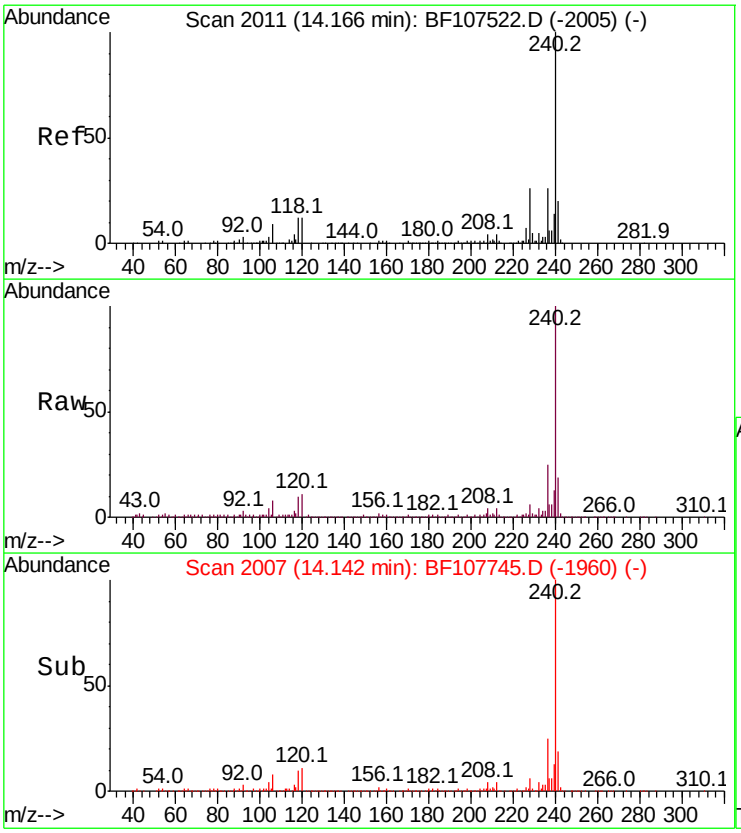
#74
Fluoranthene
Concen: 2.316 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 66674

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.0	0.0	38.1

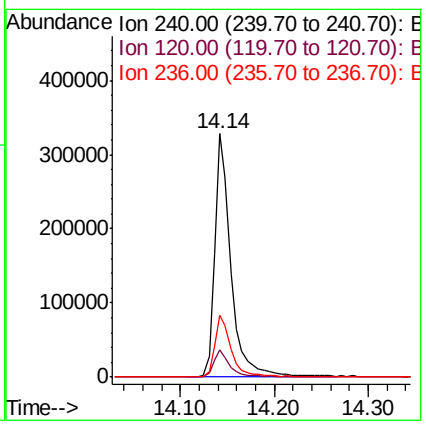


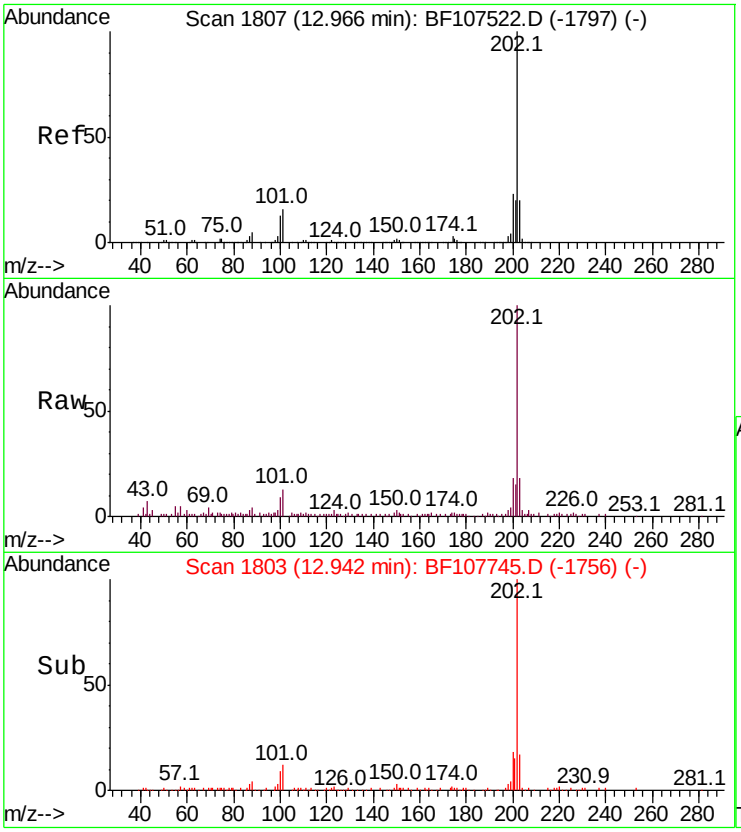


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:240 Resp: 399168

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.2	20.7	31.1



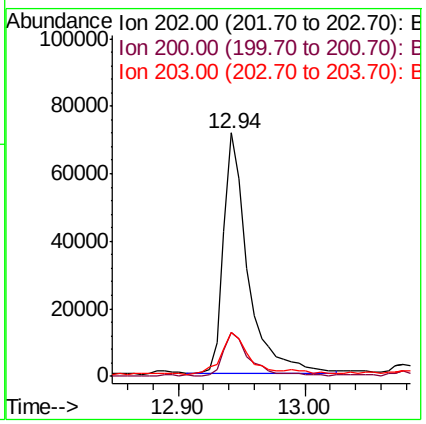


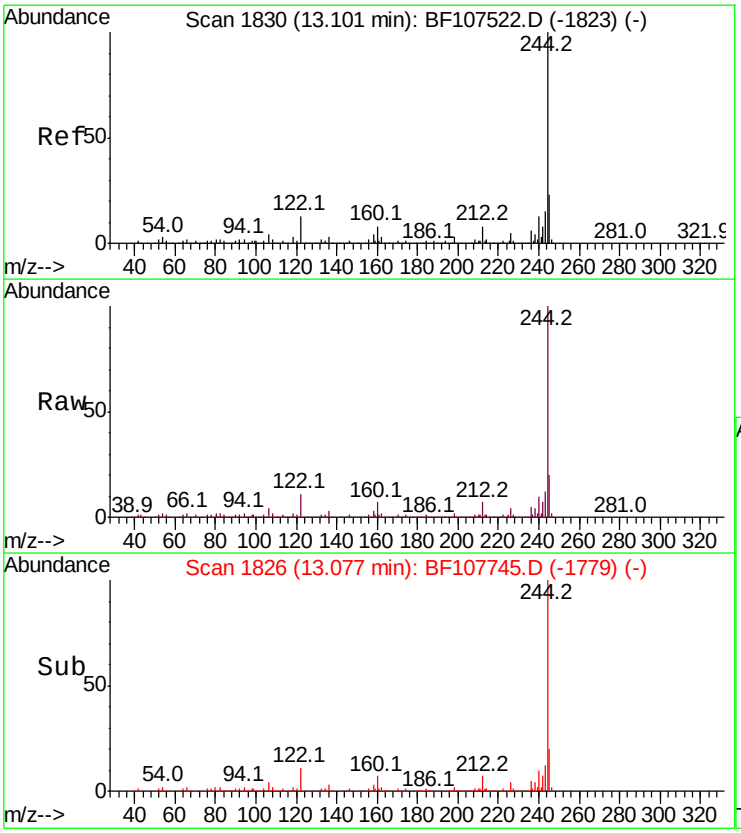
#77
Pyrene
Concen: 3.525 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 96234

Ion	Ratio	Lower	Upper
202	100		
200	18.2	17.4	26.2
203	18.1	14.3	21.5

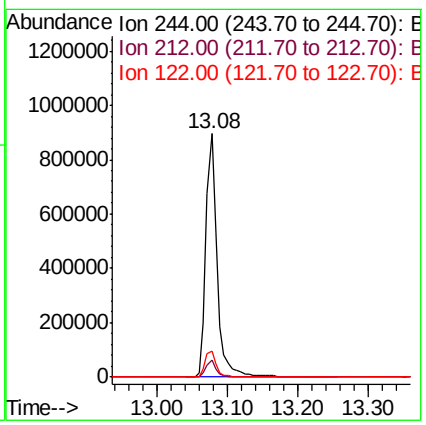


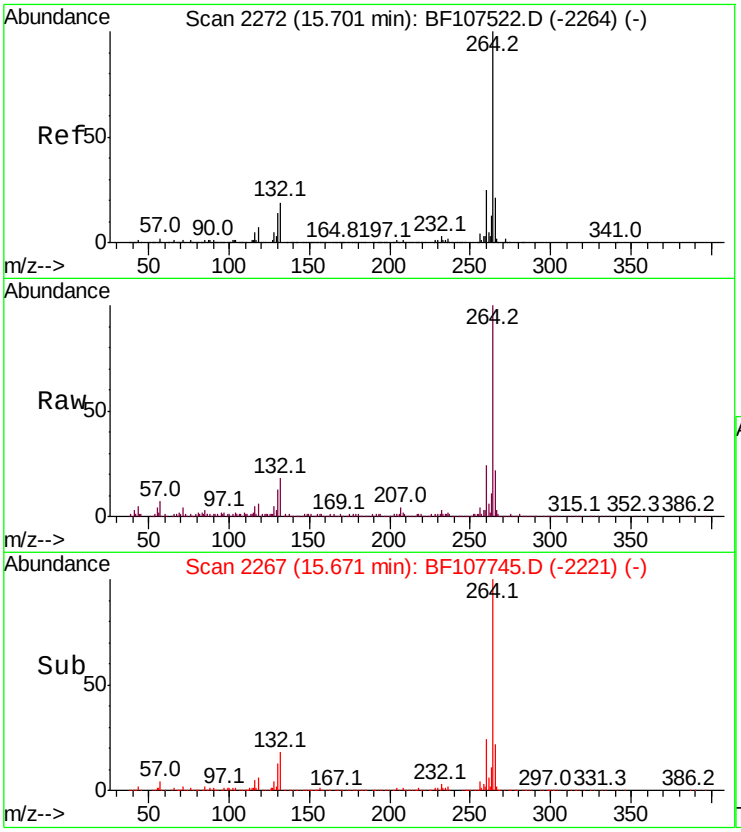


#78
Terphenyl-d14
Concen: 63.612 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:244 Resp: 991841

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



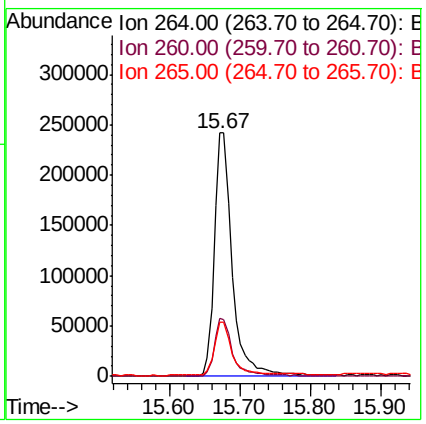


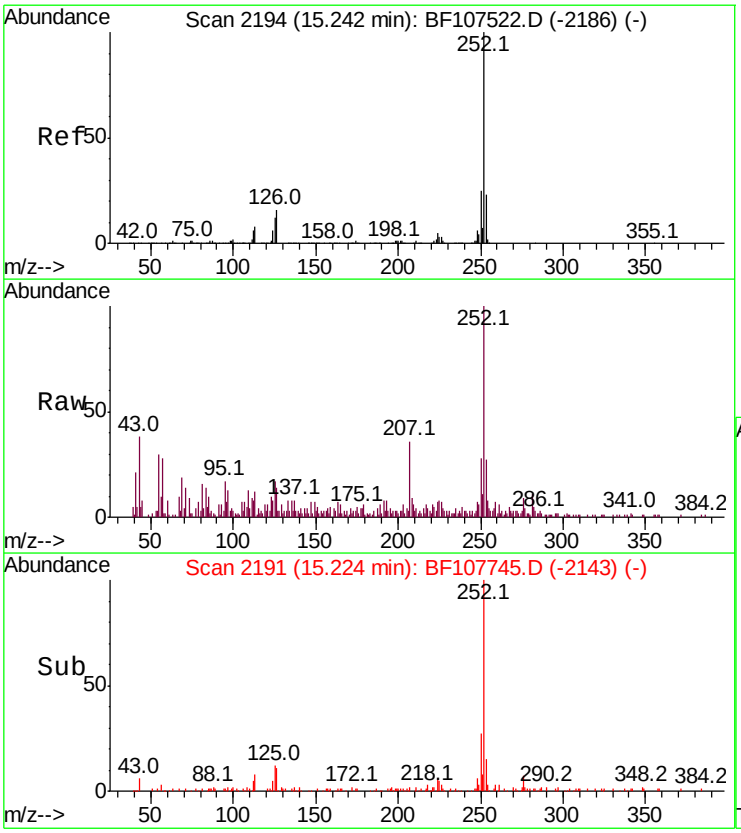
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 429456

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3

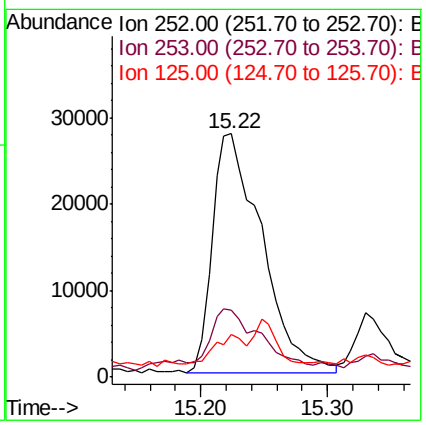


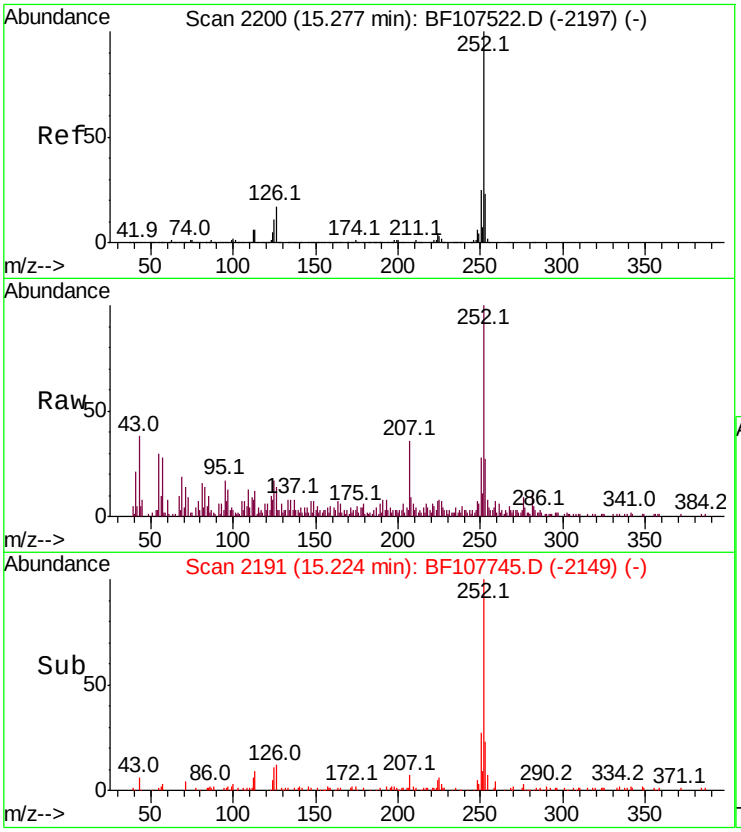


#87
Benzo(b)fluoranthene
Concen: 3.210 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:252 Resp: 75448

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	17.4	9.0	13.6#



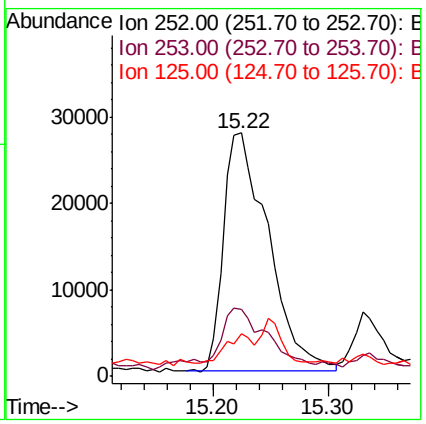


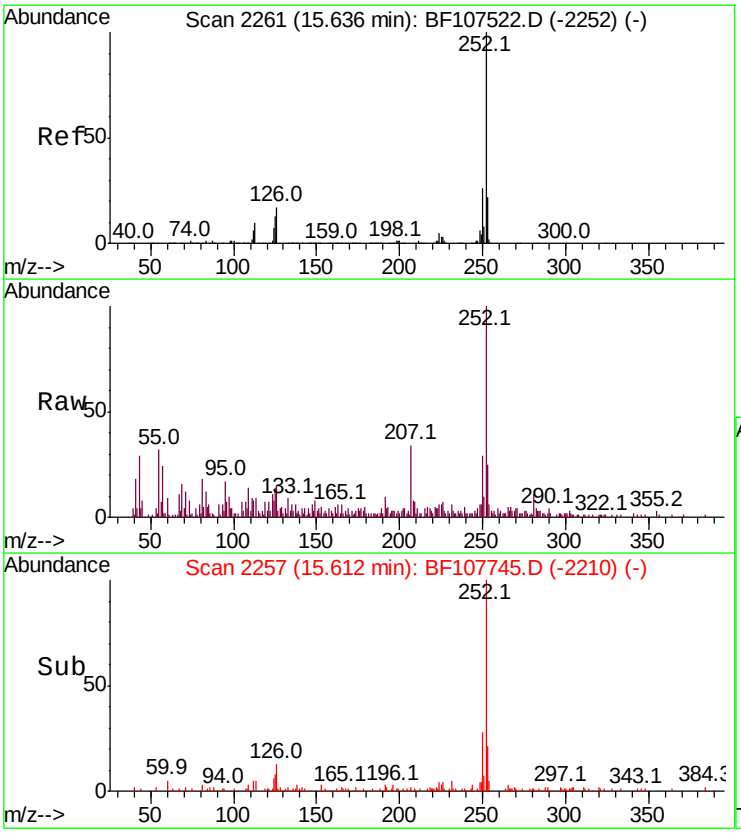
#88
Benzo(k)fluoranthene
Concen: 3.219 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.05 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 74120

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.9	26.9#
125	17.4	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.436 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107745.D
Acq: 27 Jul 2018 14:59

Tgt Ion:252 Resp: 52383

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	13.9	9.8	14.6