Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107542.D
Acq On : 20 Jul 2018 23:37
Operator : JU/SJ
Sample : J4030-05 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB6-12-7

Quant Time: Jul 21 01:36:04 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	6.97	152	310366	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	1250648	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	513060	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	870963	20.00	ng		0.00
75) Chrysene-d12	14.16	240	696665	20.00	ng		0.00
86) Perylene-d12	15.69	264	725226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	150548	7.80	ng		0.00
7) Phenol-d6	6.60	99	231722	10.00	ng		-0.01
23) Nitrobenzene-d5	7.54	82	126783	6.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	50812	8.71	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	295330	3.97	ng		-0.01
78) Terphenyl-d14	13.09	244	233810	8.59	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.74	77	4242	Below Cal			97
25) Isophorone	7.54	82	126783	3.204	ng	#	64
32) Benzoic acid	8.25	122	146	7.910	ng	#	1
50) 2,6-Dinitrotoluene	10.01	165	69485	9.051	ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	70473	7.605	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.82	198	118	8.704	ng	#	1
73) Di-n-butylphthalate	12.05	149	3316	Below Cal		#	62
74) Fluoranthene	12.72	202	93266	2.048	ng		97
77) Pyrene	12.95	202	95490	2.004	ng		96
81) 3,3'-Dichlorobenzidine	14.12	252	203	Below Cal		#	1
87) Benzo(b)fluoranthene	15.23	252	79451	2.002	ng	#	50
88) Benzo(k)fluoranthene	15.23	252	79451	2.043	ng	#	53

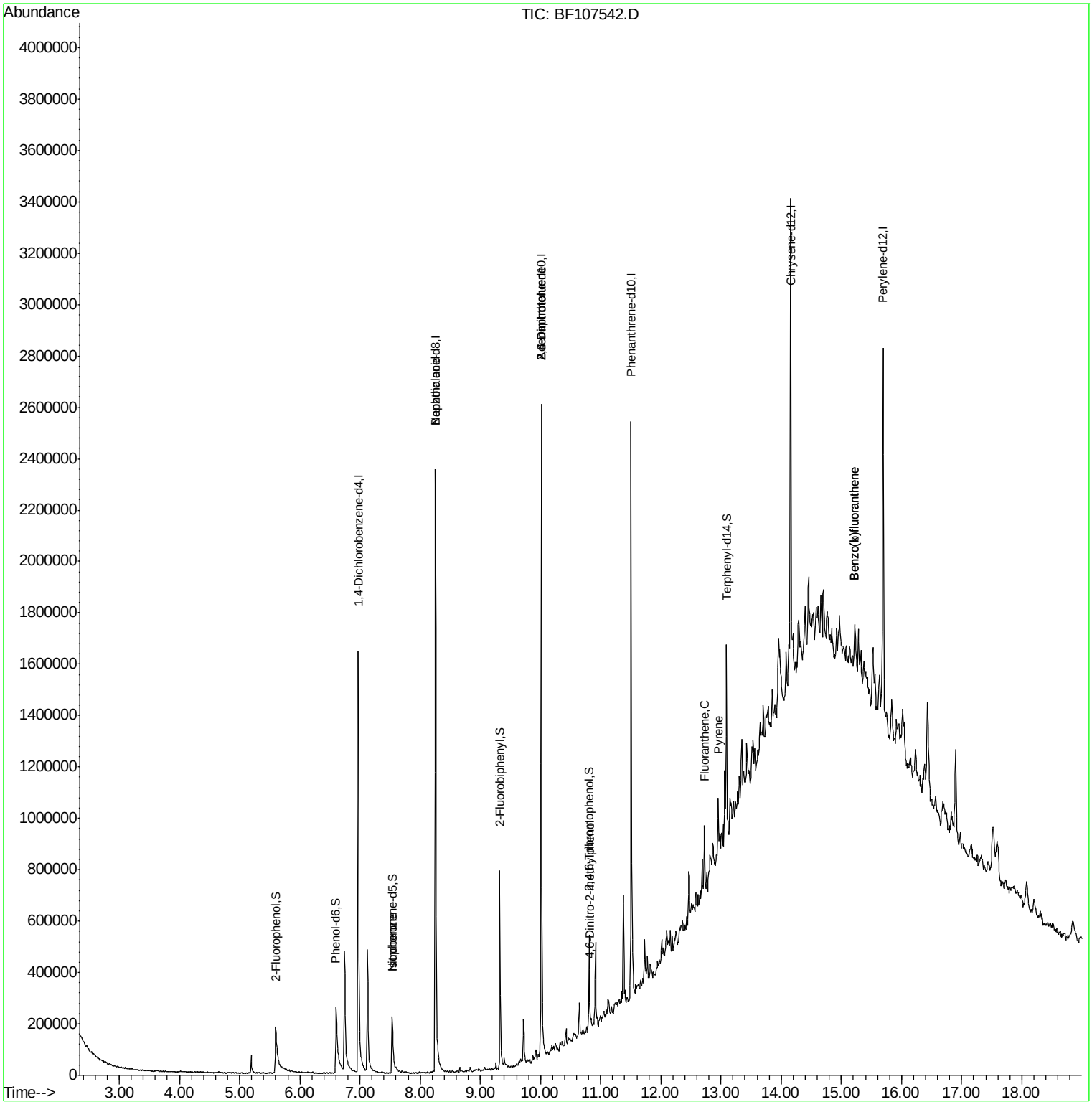
(#) = qualifier out of range (m) = manual integration (+) = signals summed

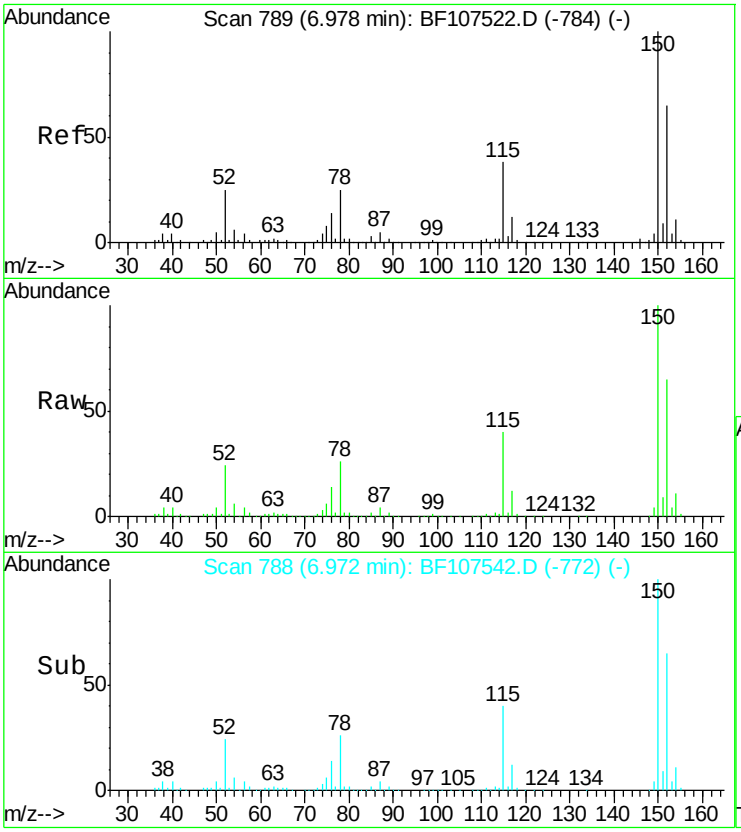
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107542.D
Acq On : 20 Jul 2018 23:37
Operator : JU/SJ
Sample : J4030-05 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Quant Time: Jul 21 01:36:04 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



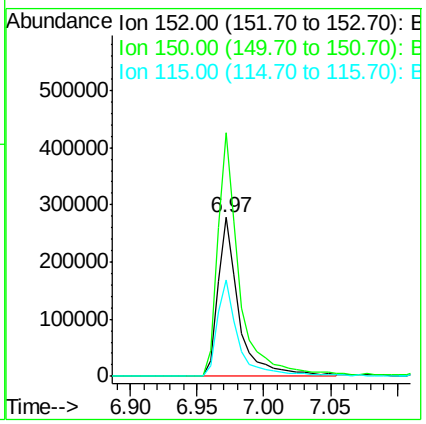


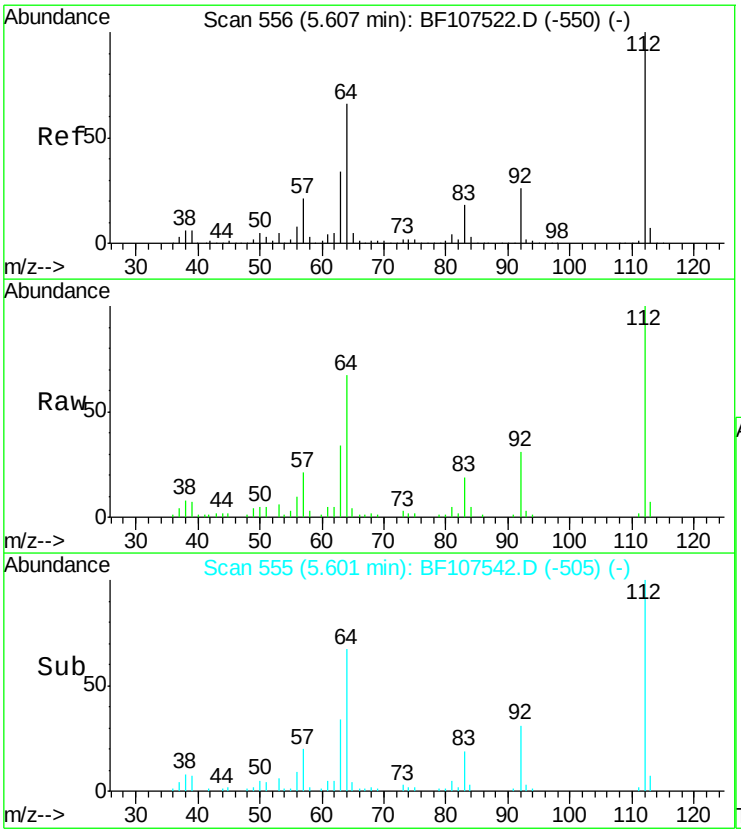
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:152 Resp: 310366

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	60.8	50.1	75.1

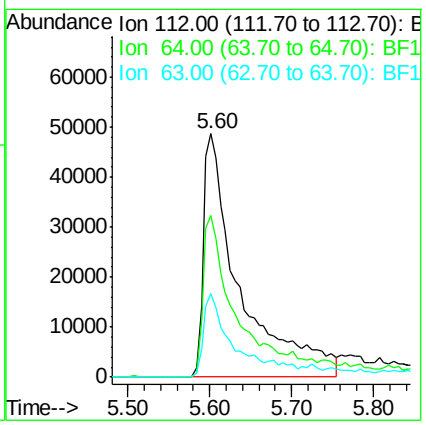


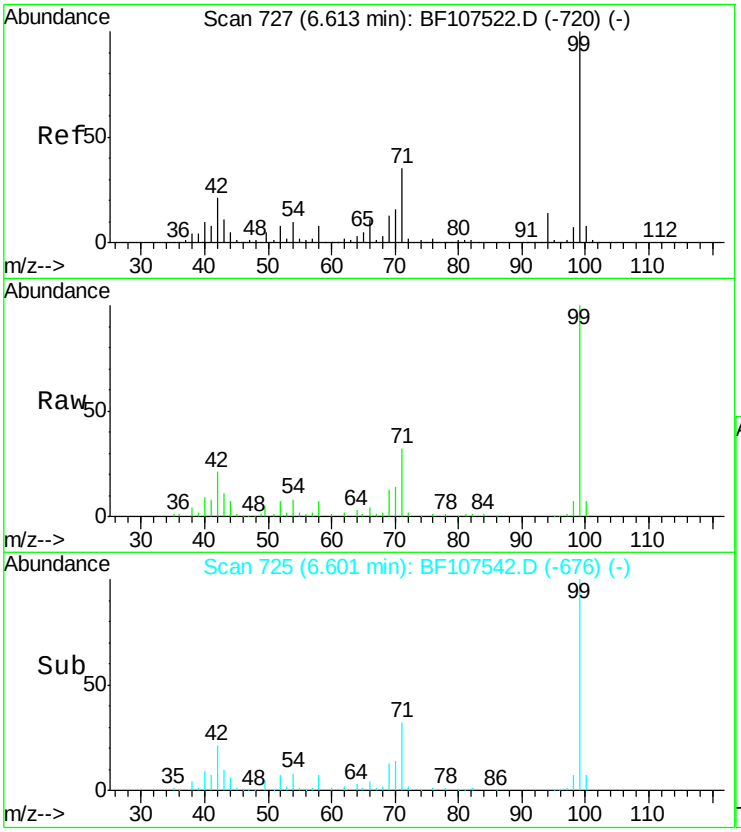


#5
2-Fluorophenol
Concen: 7.799 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:112 Resp: 150548

Ion	Ratio	Lower	Upper
112	100		
64	66.6	47.9	71.9
63	34.3	23.7	35.5



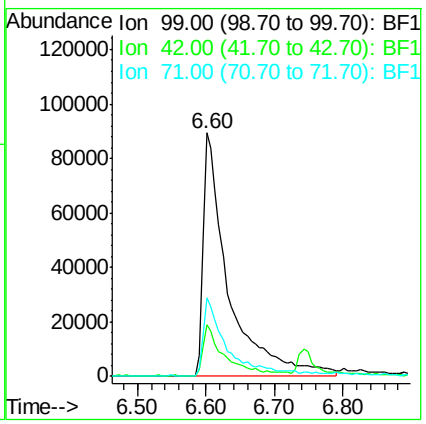


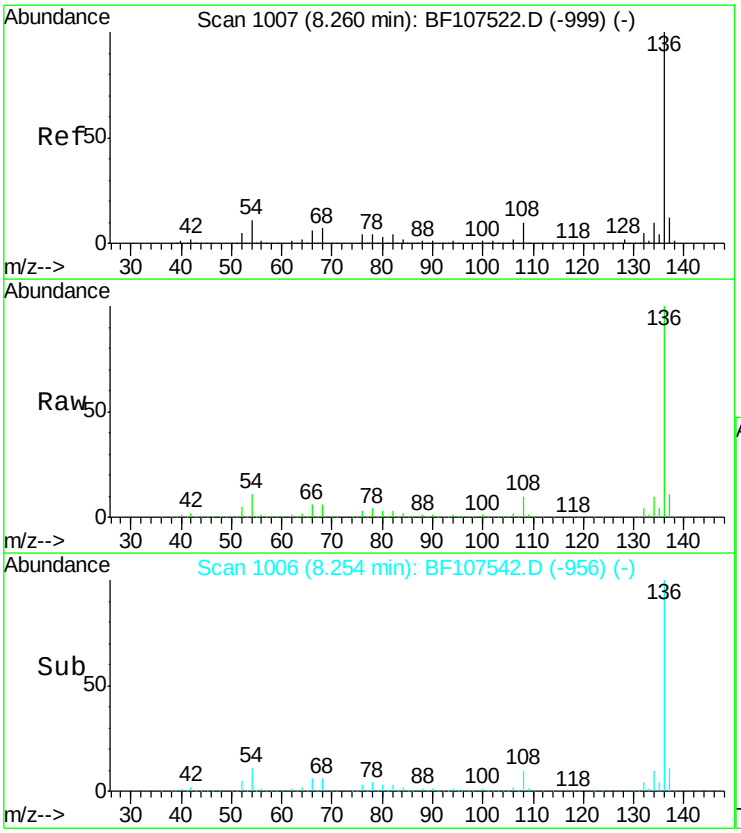
#7
Phenol-d6
Concen: 9.997 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion: 99 Resp: 231722

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	32.5	25.4	38.0

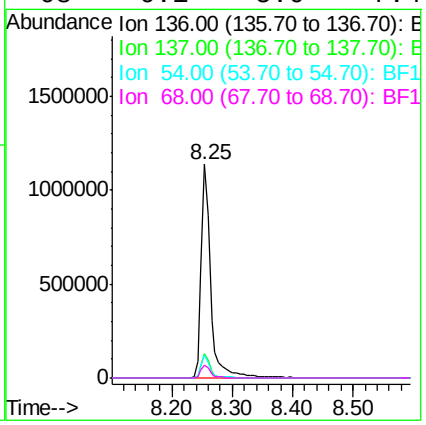


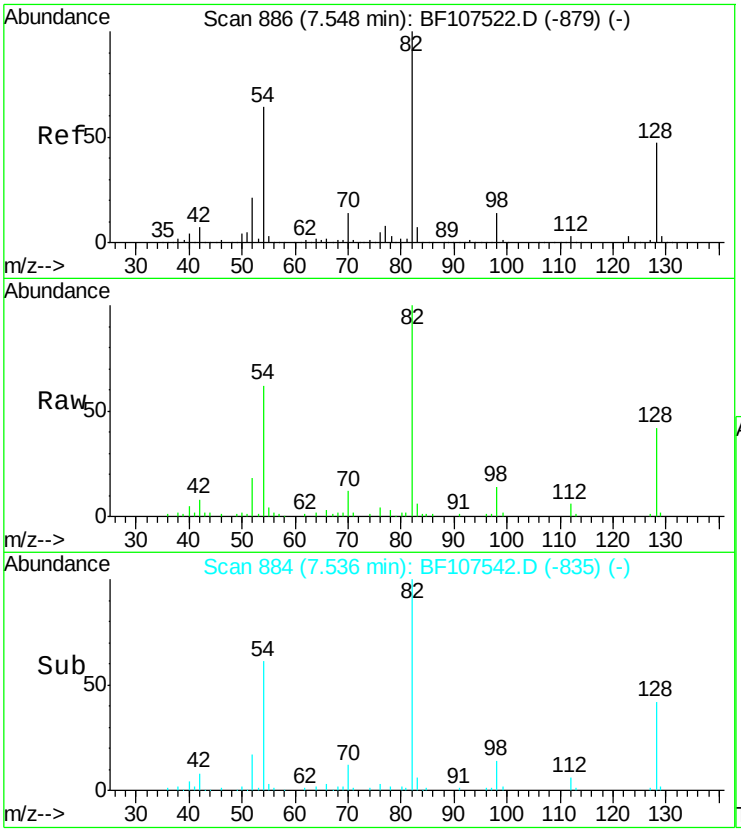


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:136 Resp: 1250648

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.8	6.6	9.8#
68	6.1	5.0	7.4



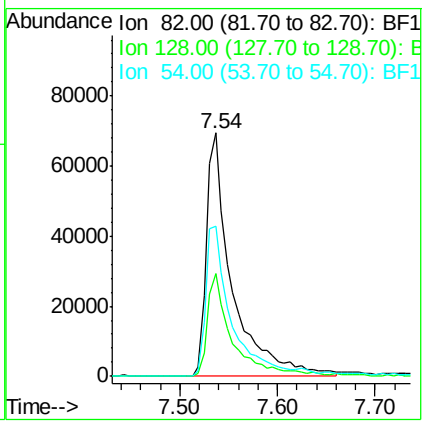


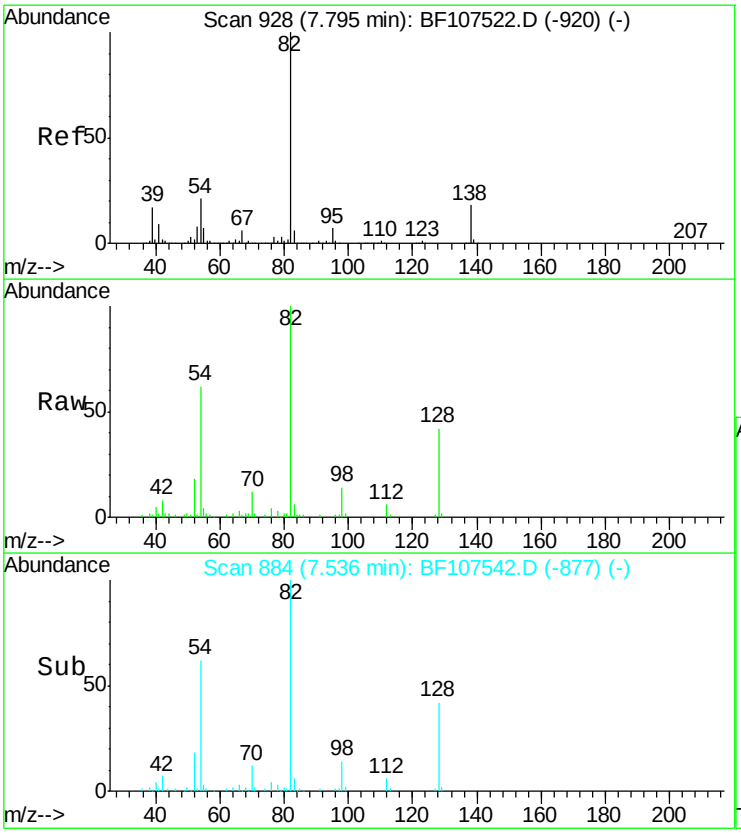
#23
Nitrobenzene-d5
Concen: 6.841 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion: 82 Resp: 126783

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	61.6	41.4	62.2

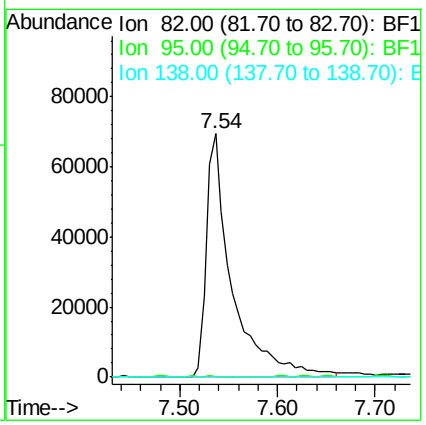


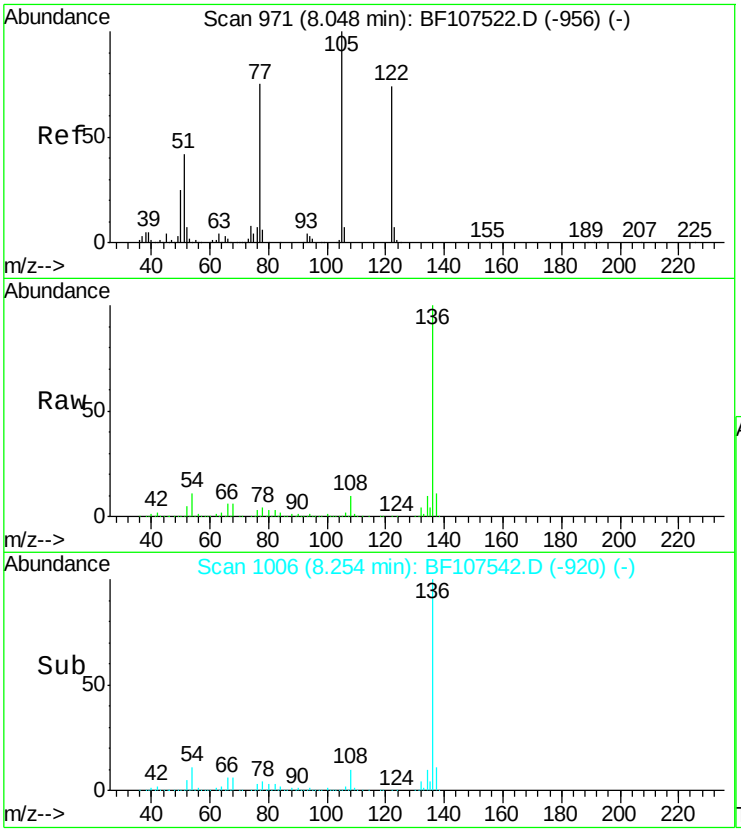


#25
Isophorone
Concen: 3.204 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion: 82 Resp: 126783

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



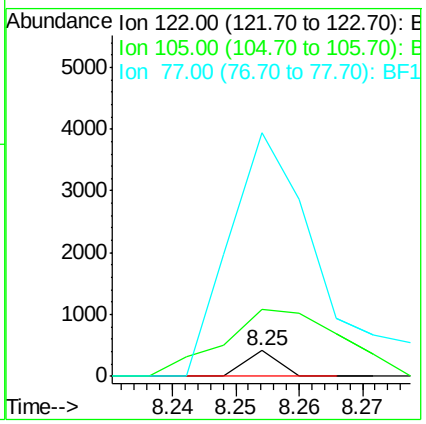


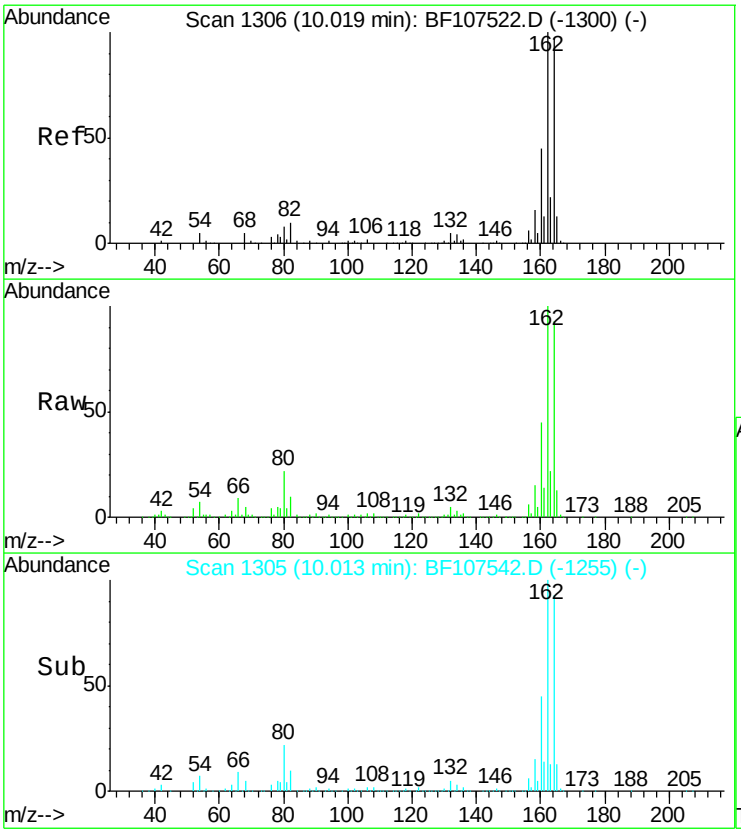
#32
Benzoic acid
Concen: 7.910 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.21 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	263.8	101.1	141.1#
77	951.7	70.7	110.7#

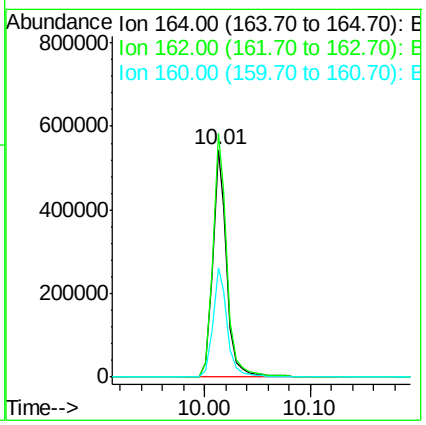


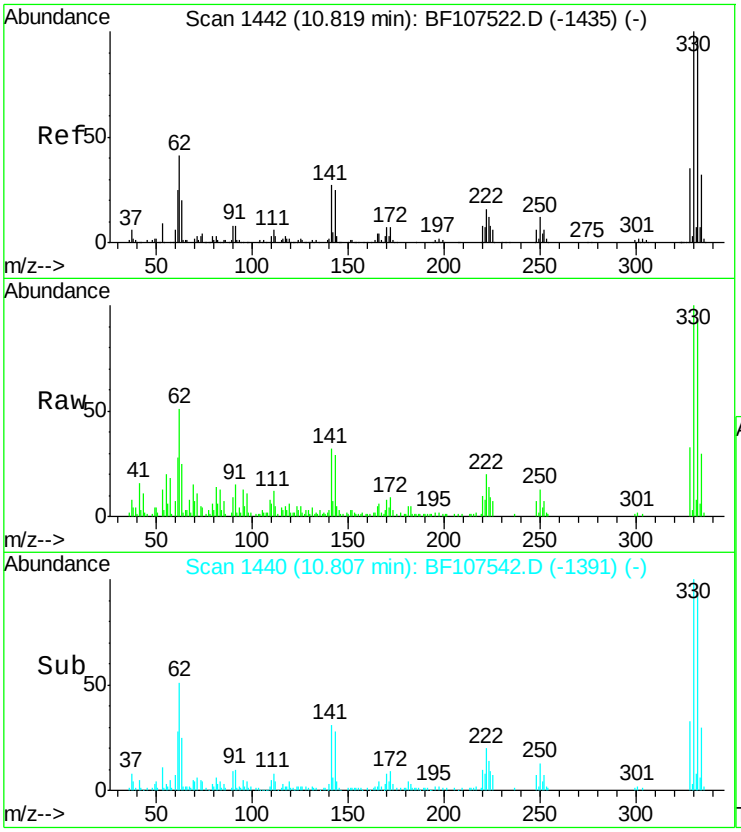


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:164 Resp: 513060

Ion	Ratio	Lower	Upper
164	100		
162	107.0	86.1	129.1
160	47.7	38.3	57.5



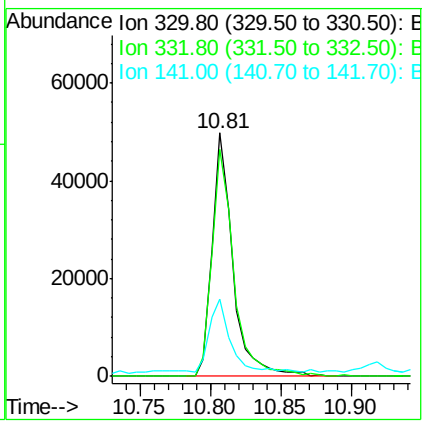


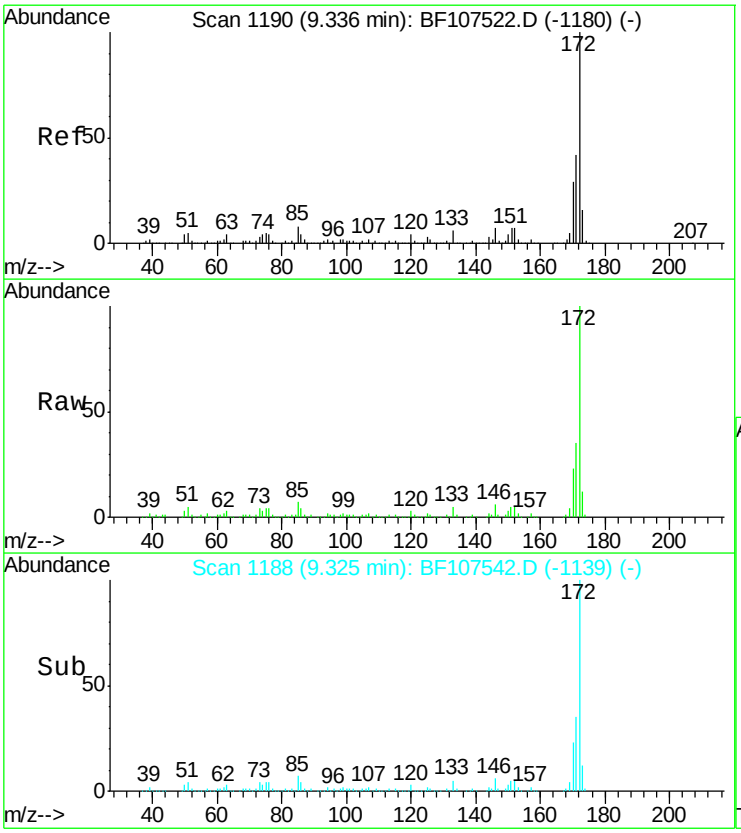
#41
2,4,6-Tribromophenol
Concen: 8.709 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:330 Resp: 50812

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	30.7	29.9	44.9

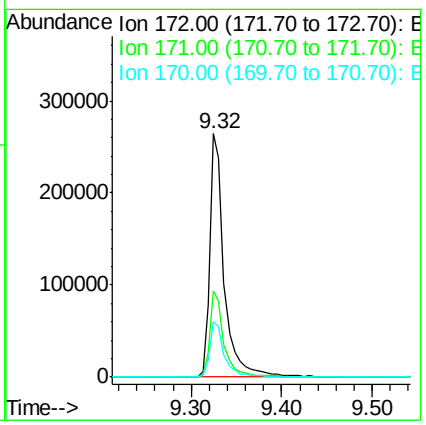


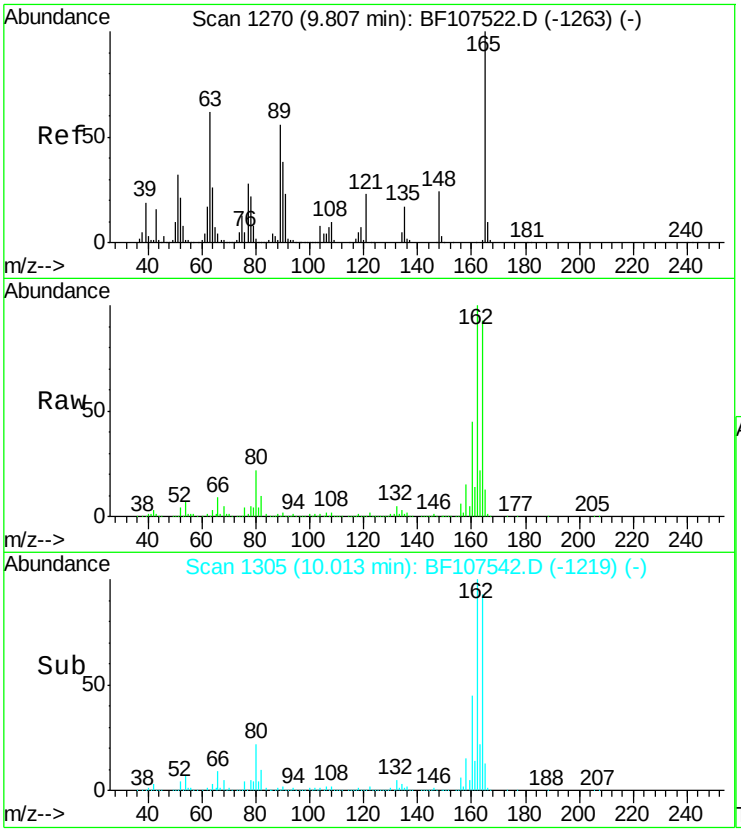


#44
2-Fluorobiphenyl
Concen: 3.968 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:172 Resp: 295330

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	22.8	19.6	29.4



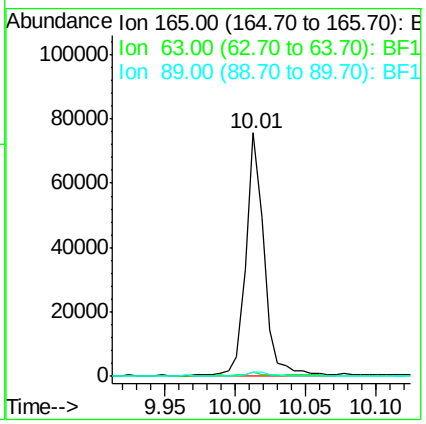


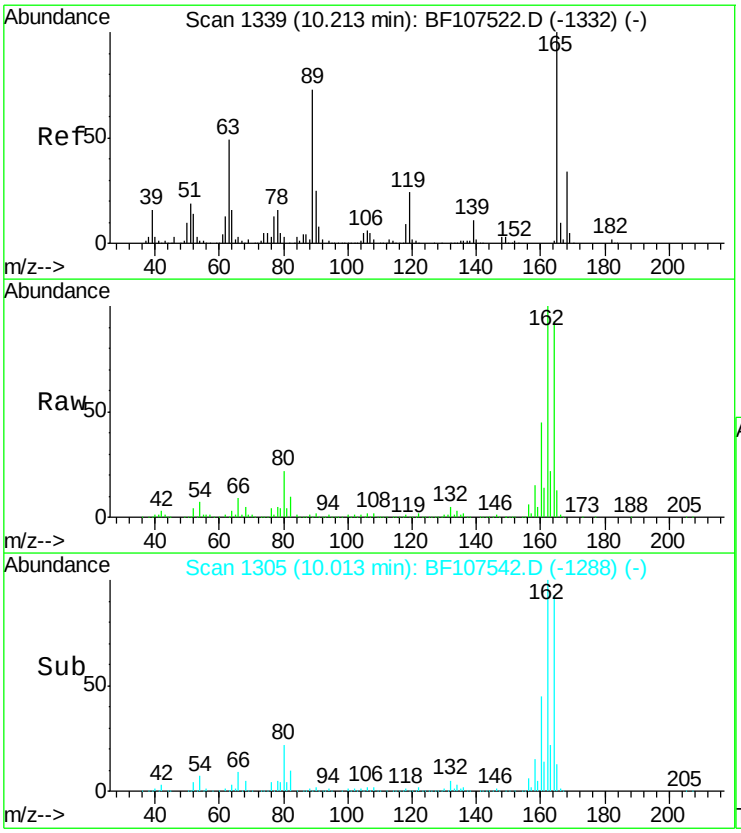
#50
2,6-Dinitrotoluene
Concen: 9.051 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:165 Resp: 69485

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#

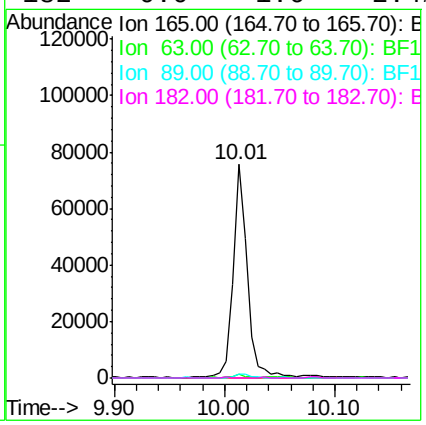


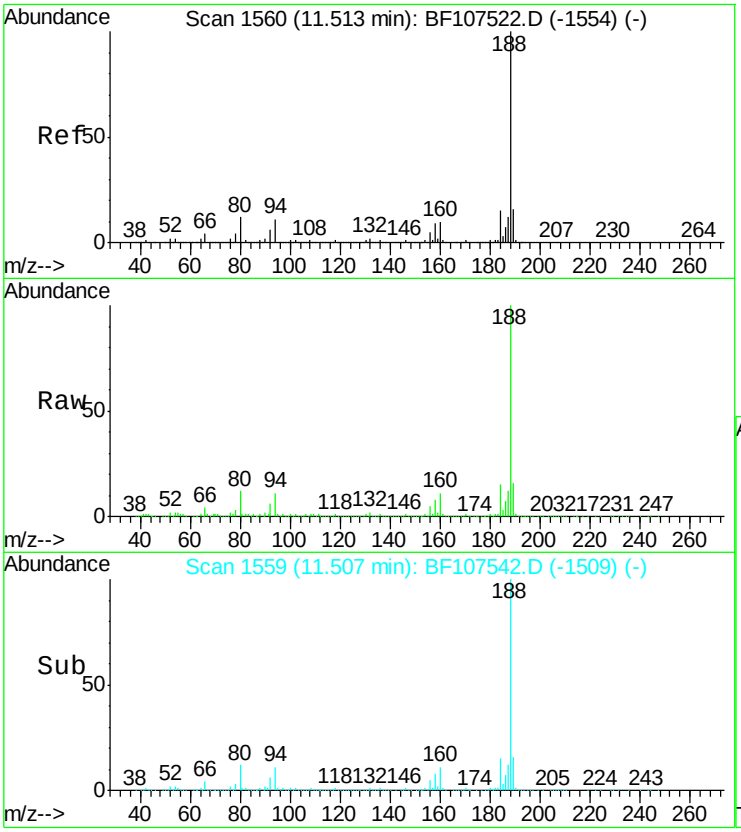


#56
2,4-Dinitrotoluene
Concen: 7.605 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:165 Resp: 70473

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



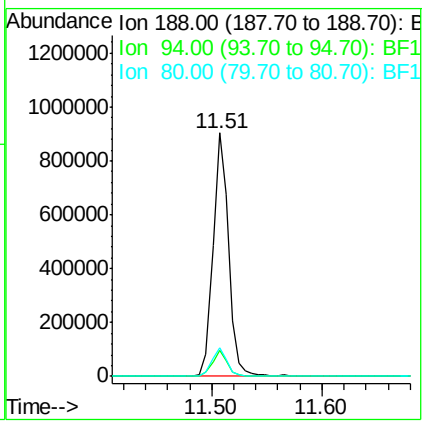


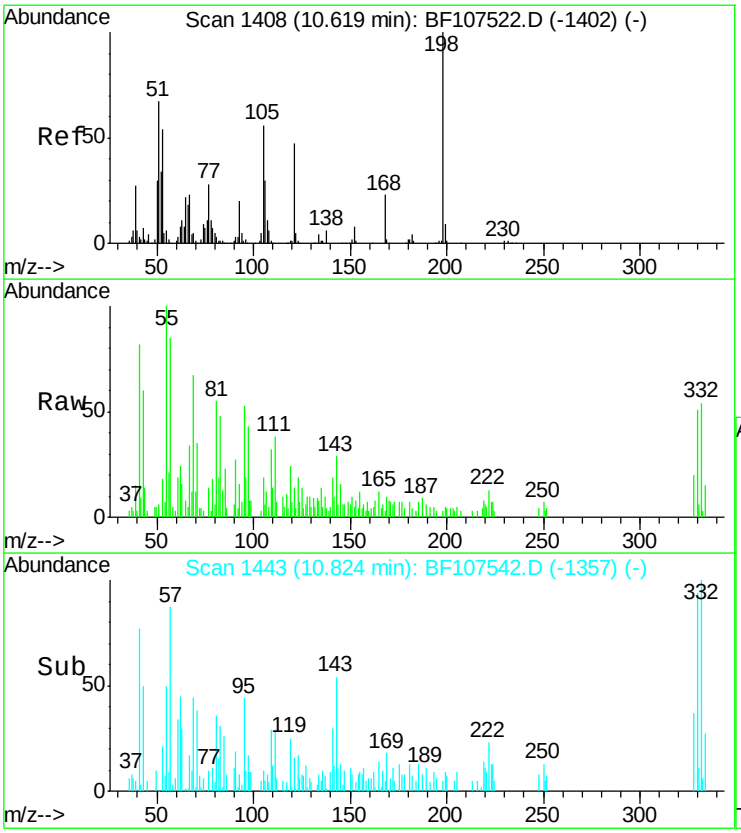
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:188 Resp: 870963

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.7	9.2	13.8

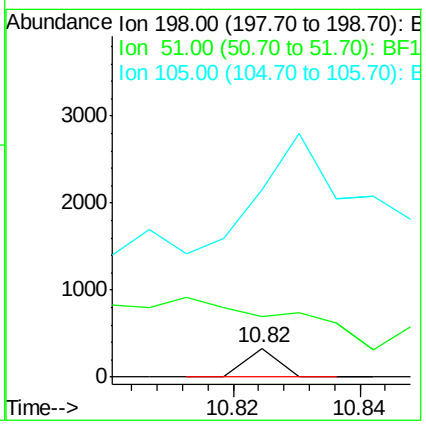


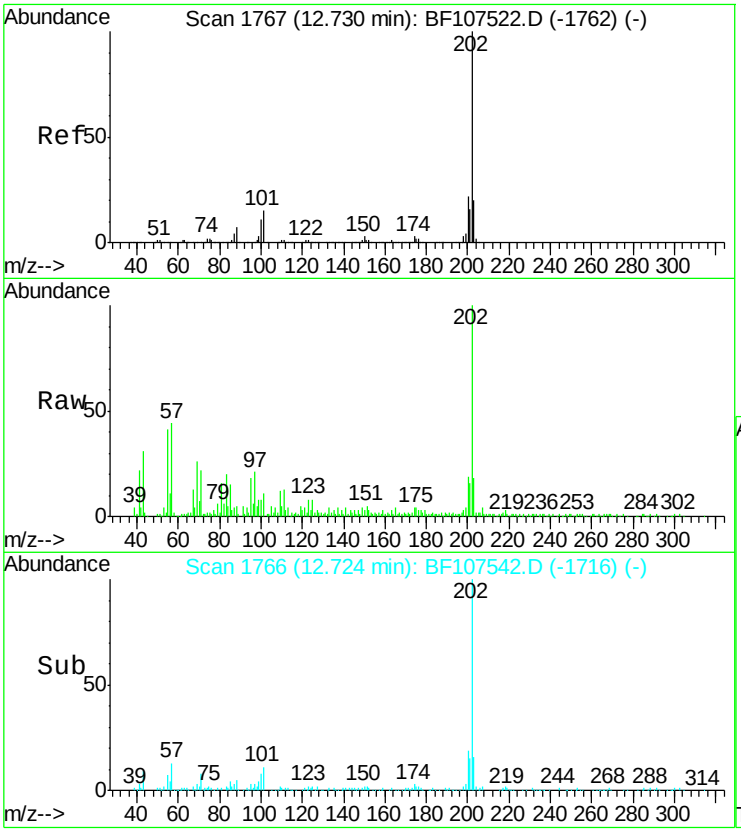


#64
4,6-Dinitro-2-methylphenol
Concen: 8.704 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.21 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:198 Resp: 118

Ion	Ratio	Lower	Upper
198	100		
51	209.9	37.7	77.7#
105	647.1	36.3	76.3#



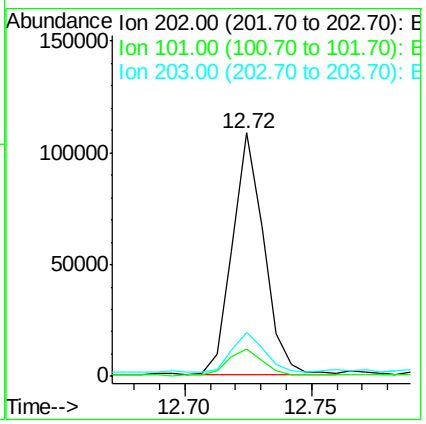


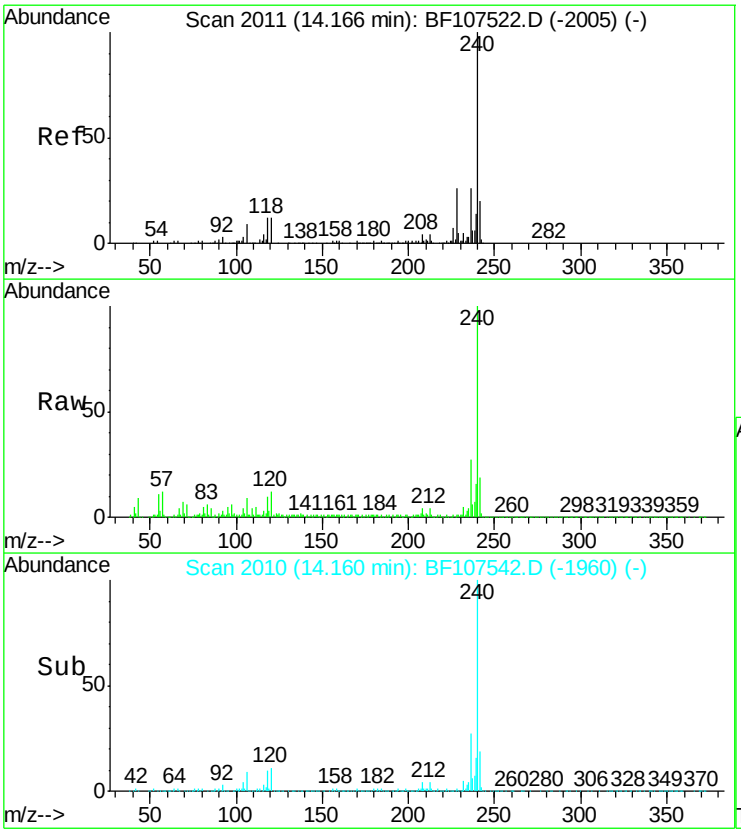
#74
Fluoranthene
Concen: 2.048 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:202 Resp: 93266

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.9	0.0	38.1

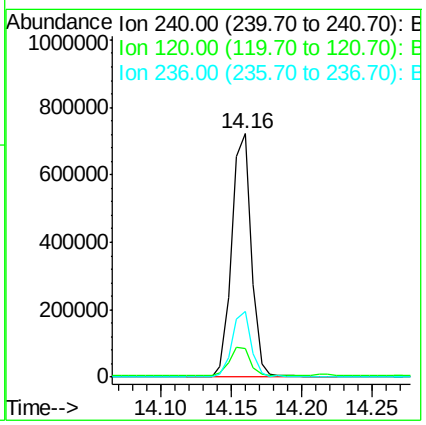


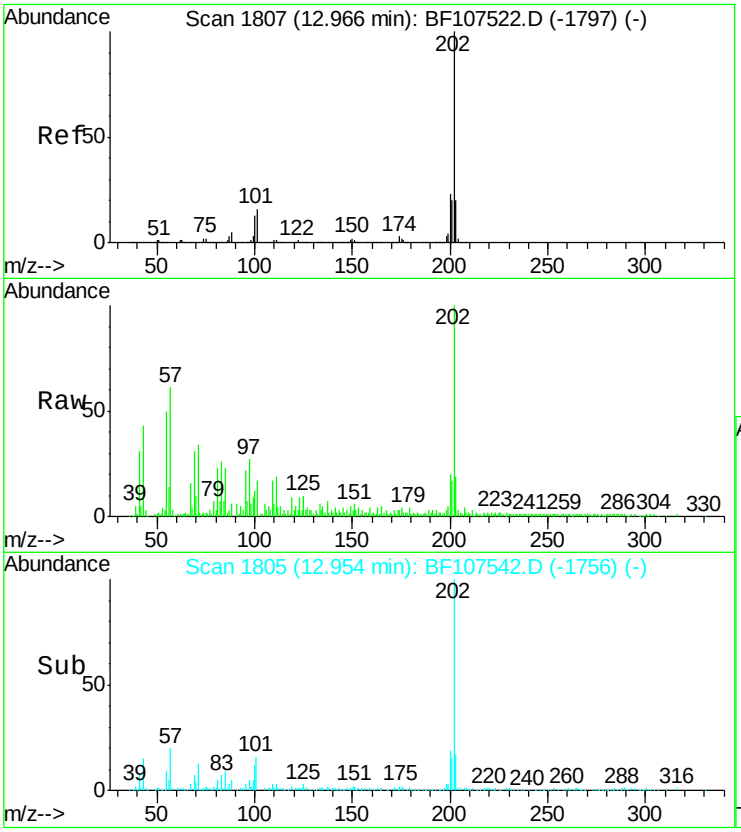


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:240 Resp: 696665

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	27.0	20.7	31.1



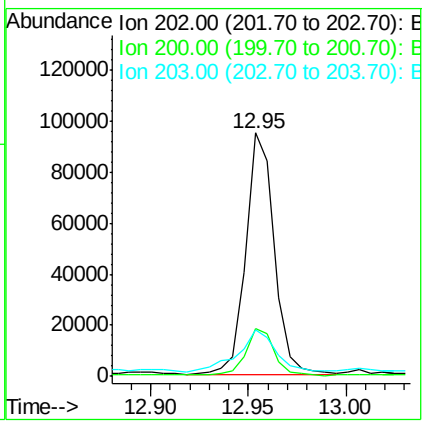


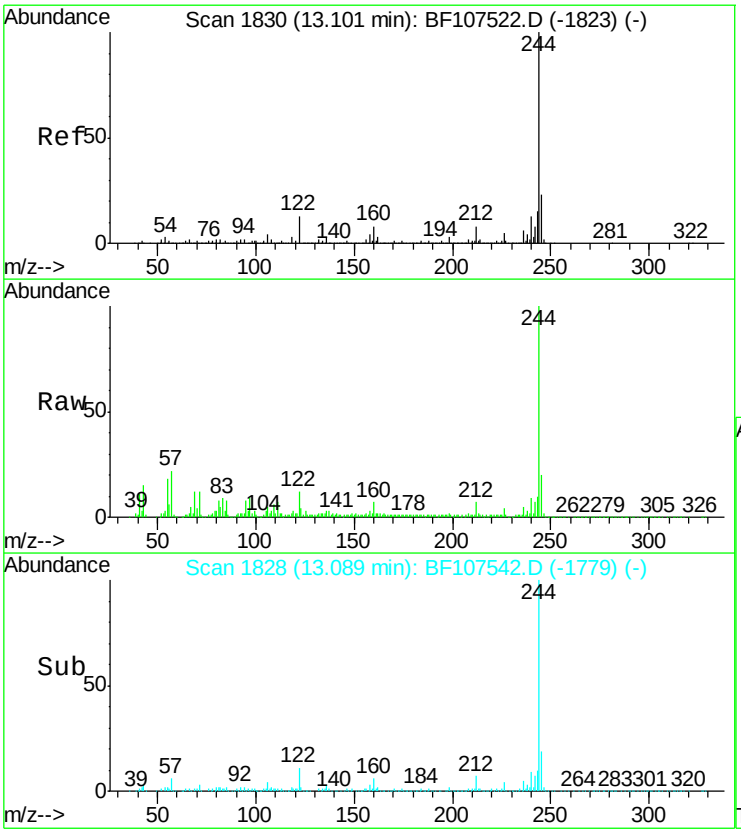
#77
Pyrene
Concen: 2.004 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:202 Resp: 95490

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	19.1	14.3	21.5

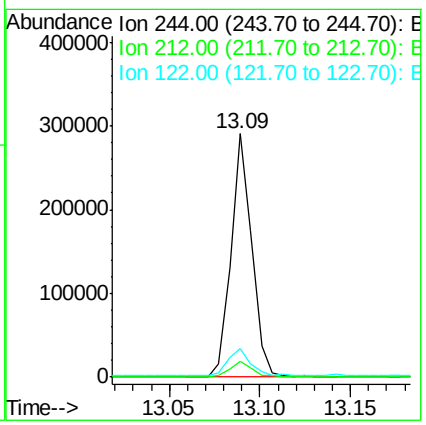


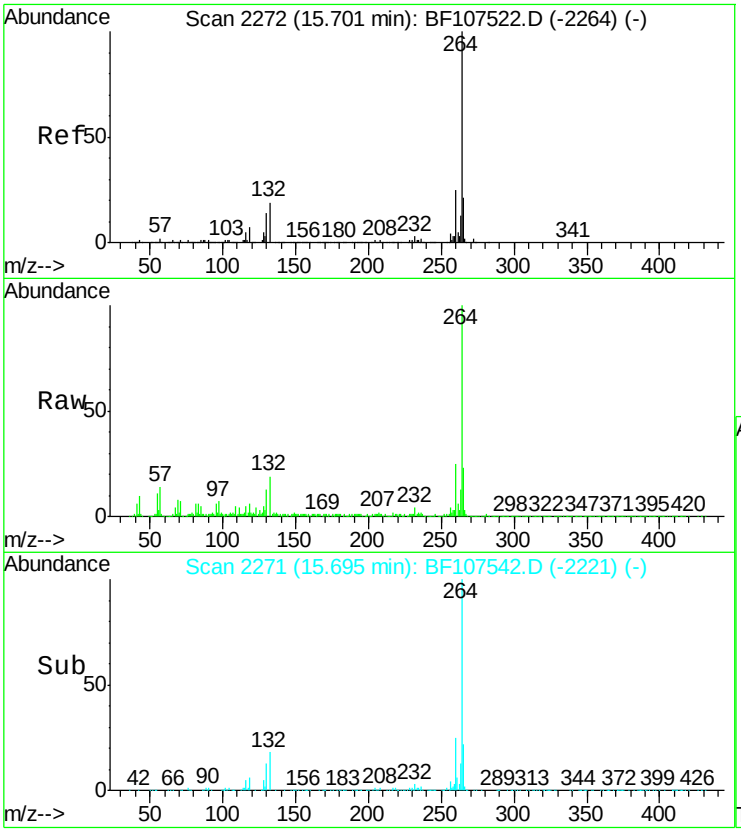


#78
Terphenyl-d14
Concen: 8.592 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:244 Resp: 233810

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	11.0	16.4



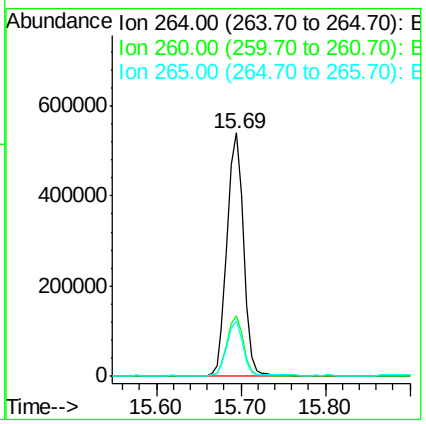


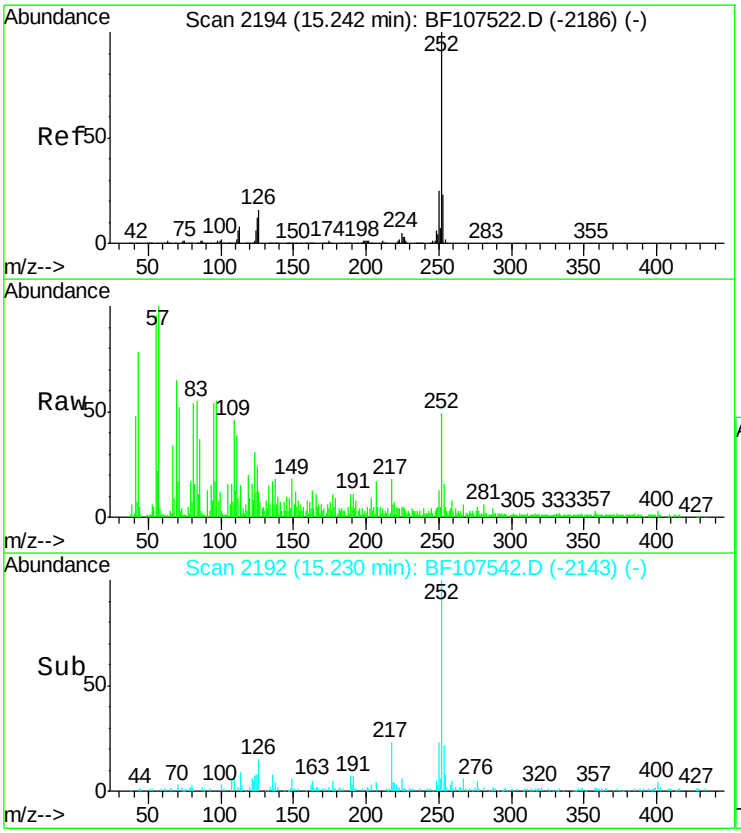
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:264 Resp: 725226

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.8	17.5	26.3

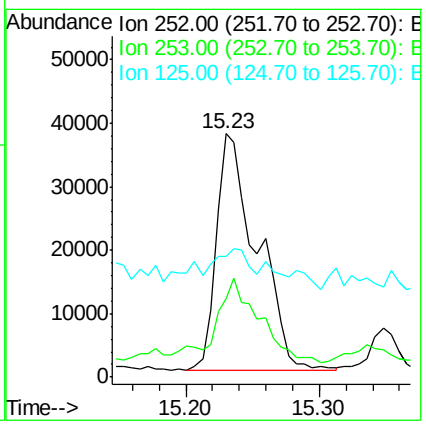


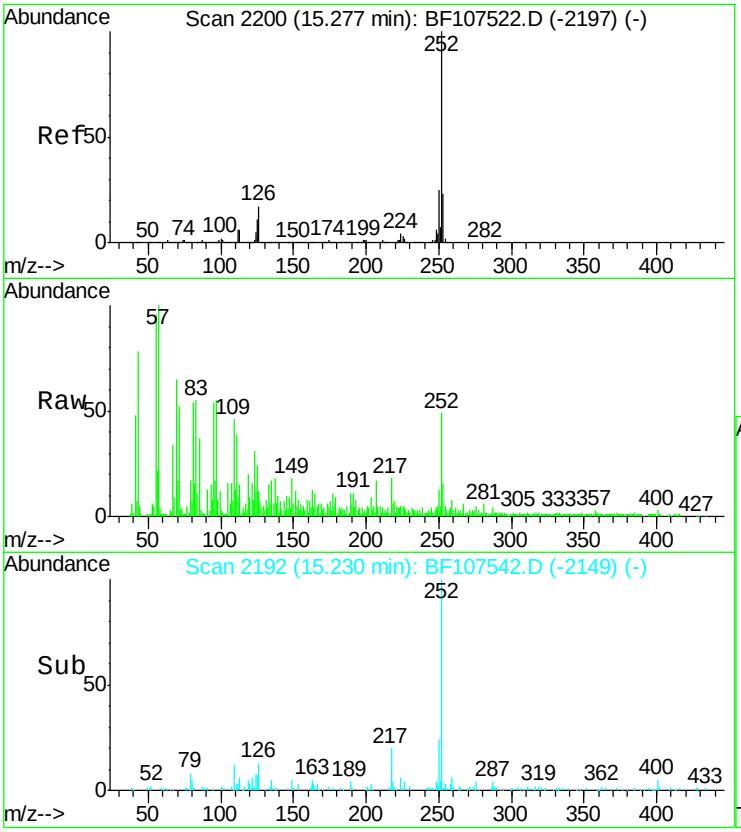


#87
Benzo(b)fluoranthene
Concen: 2.002 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:252 Resp: 79451

Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.0	25.6#
125	49.6	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 2.043 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.05 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tgt Ion:252 Resp: 79451

Ion	Ratio	Lower	Upper
252	100		
253	32.0	17.9	26.9#
125	49.6	10.2	15.2#