Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107498.D
Acq On : 19 Jul 2018 6:43
Operator : JU/SJ
Sample : J4027-06 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 19 08:03:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	115265	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	431114	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	224626	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	399061	20.00	ng	0.00
75) Chrysene-d12	14.17	240	326130	20.00	ng	-0.01
86) Perylene-d12	15.70	264	296537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	67388	8.88	ng	-0.01
7) Phenol-d6	6.60	99	86520	8.82	ng	-0.02
23) Nitrobenzene-d5	7.54	82	60295	7.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	21603	10.95	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	121174	-2.11	ng	-0.01
78) Terphenyl-d14	13.10	244	108402	8.26	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.54	82	60184	3.756	ng	# 64
53) 2,4-Dinitrophenol	10.11	184	110	2.381	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	26799	6.037	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.76	198	137	7.543	ng	# 1

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

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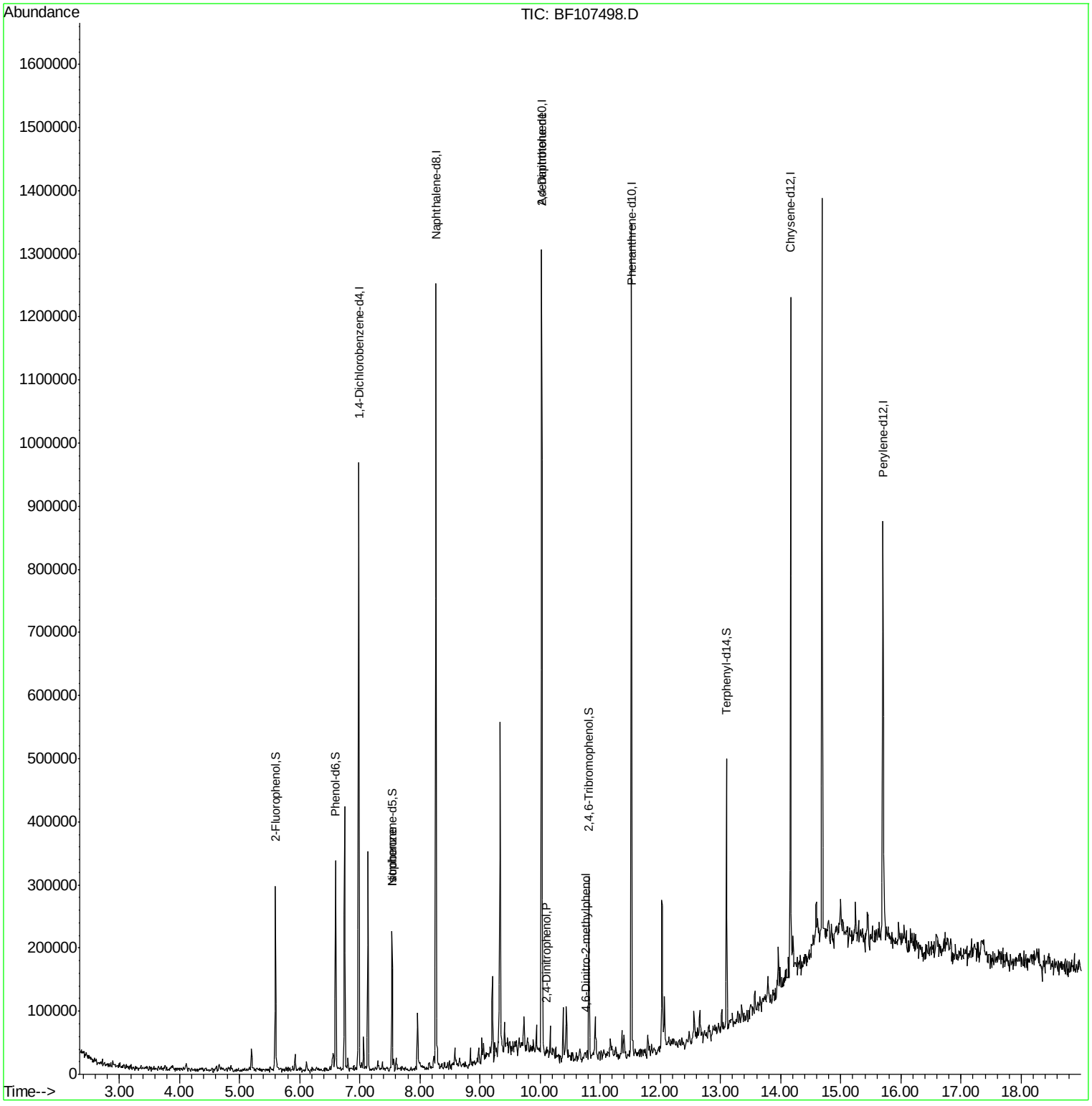
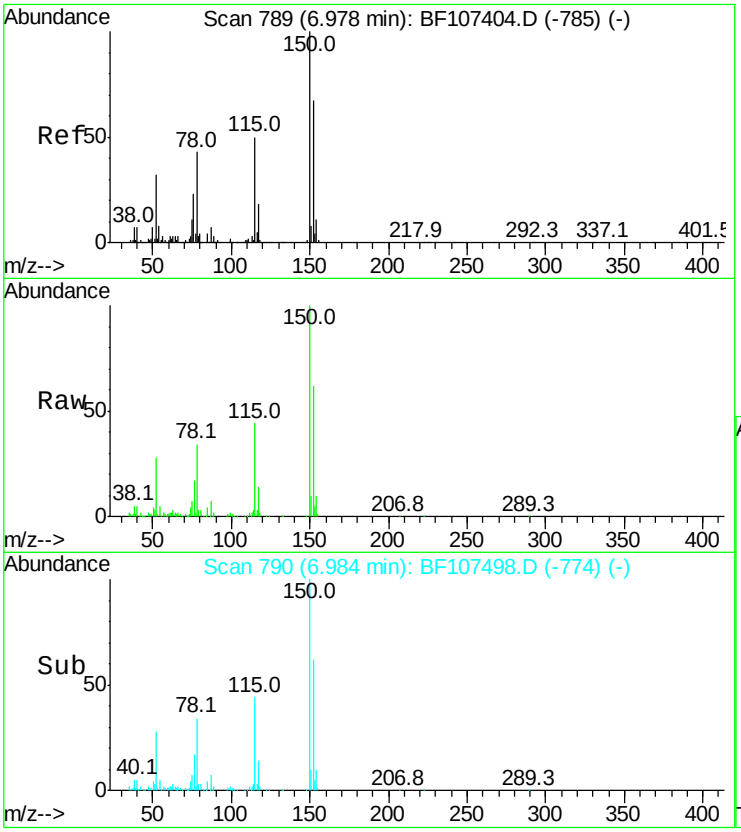
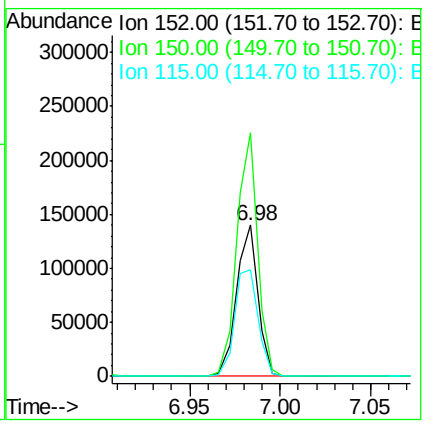




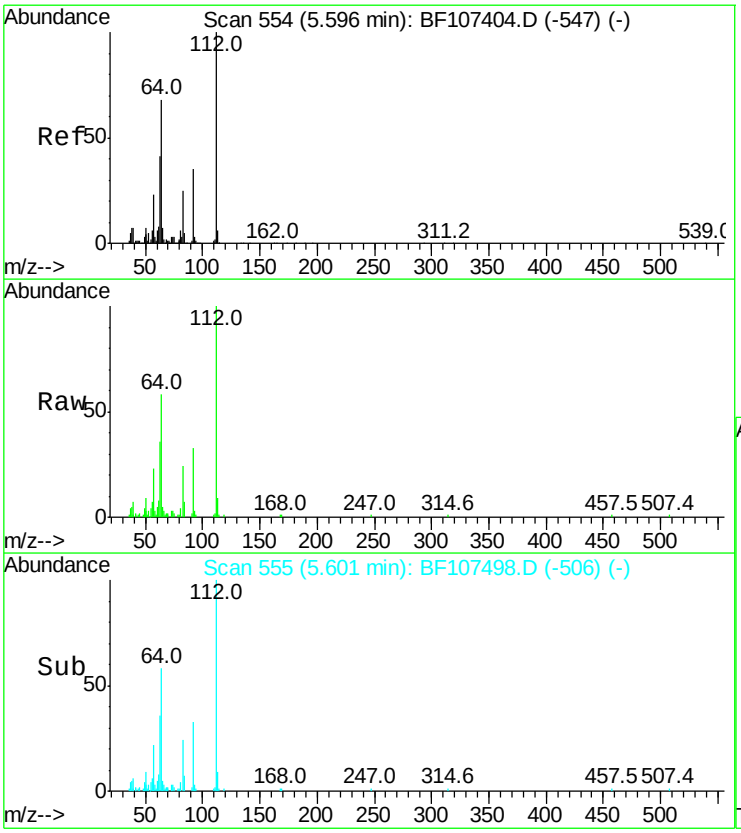
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:152 Resp: 115265

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	70.6	50.1	75.1



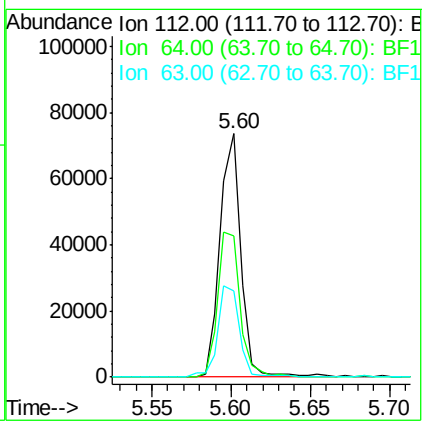
Instrument :
BNA_F
ClientSampleId :

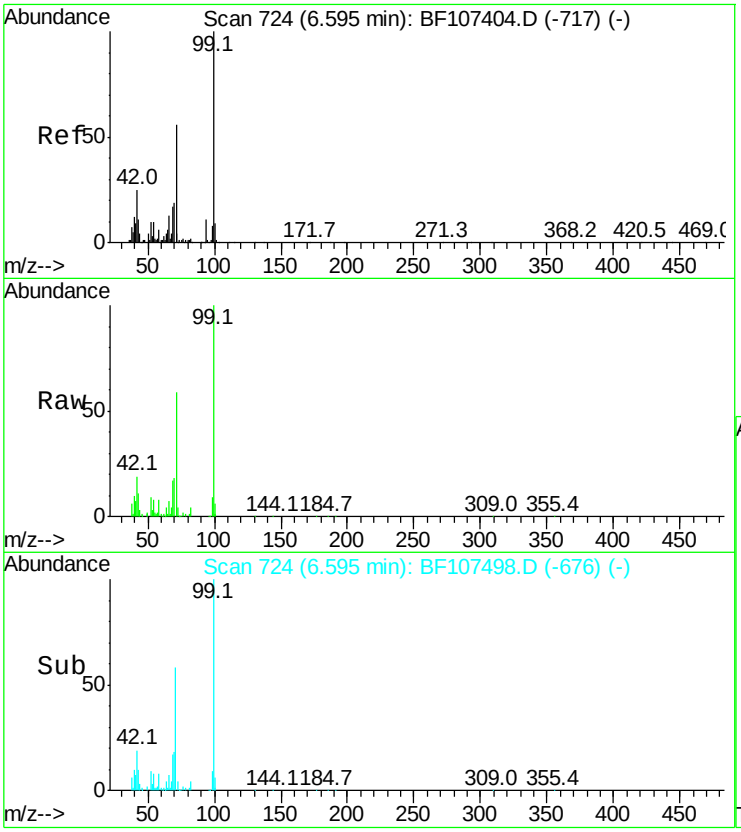


#5
2-Fluorophenol
Concen: 8.879 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:112 Resp: 67388

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	35.6	23.7	35.5#

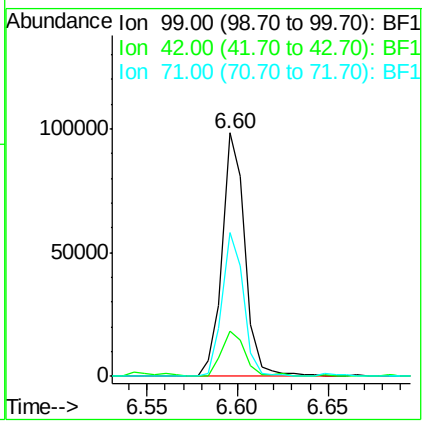




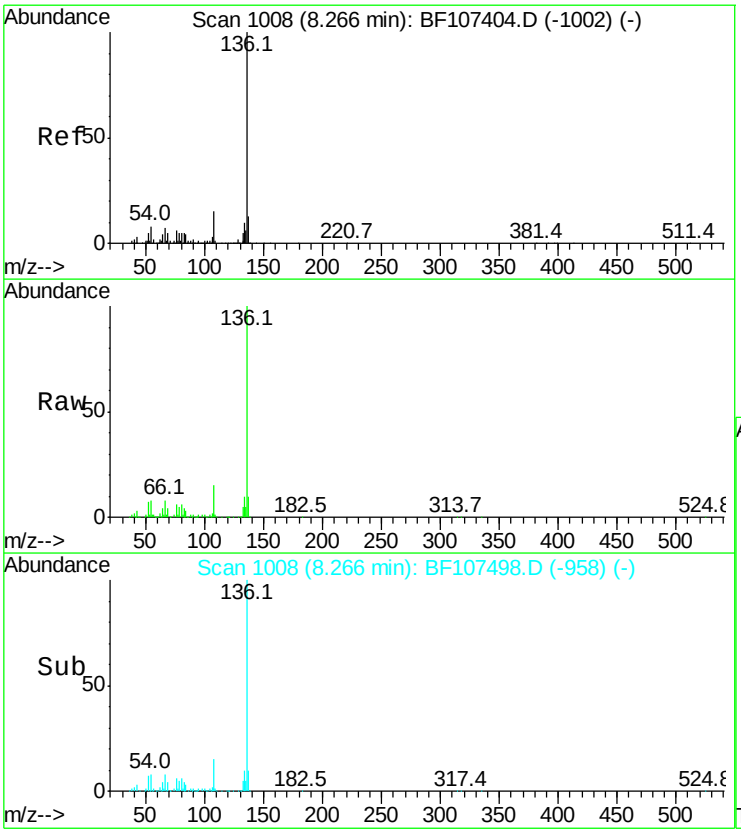
#7
Phenol-d6
Concen: 8.817 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion: 99 Resp: 86520

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	58.9	25.4	38.0#



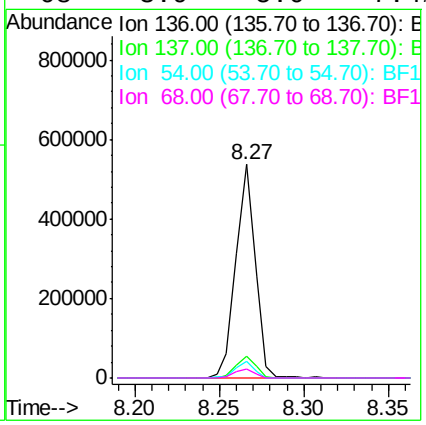
Instrument :
BNA_F
ClientSampleId :

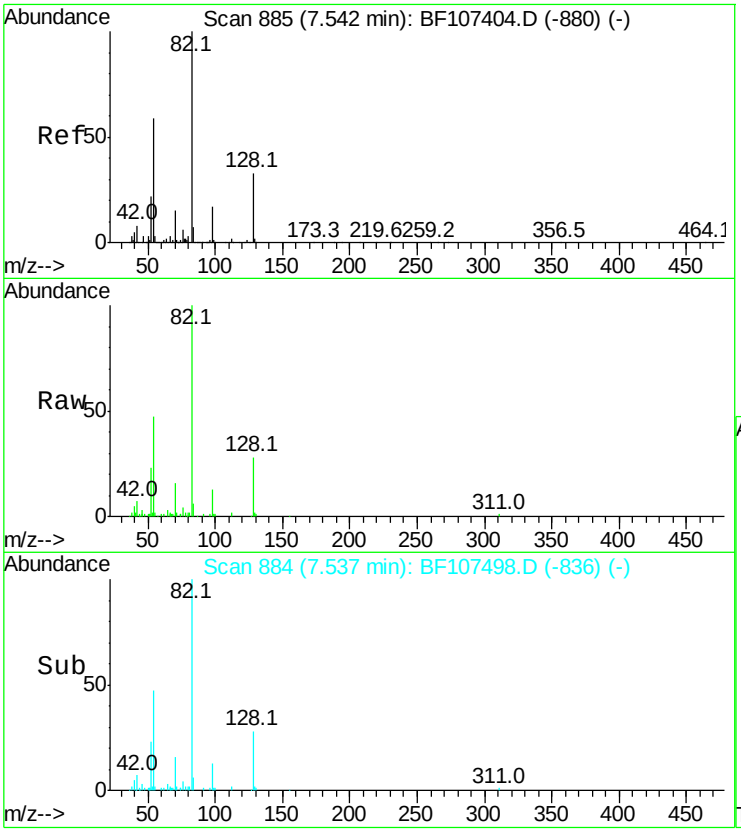


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:136 Resp: 431114

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.8	6.6	9.8
68	3.9	5.0	7.4#



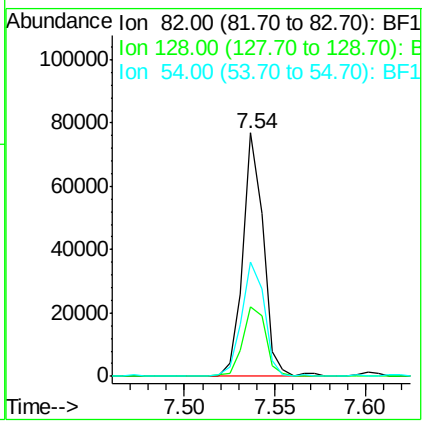


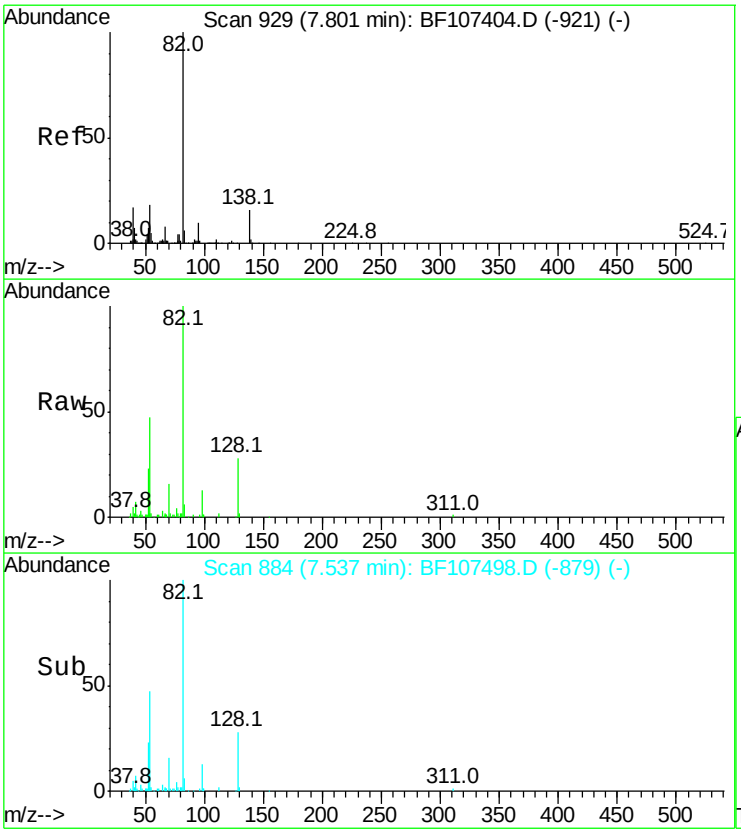
#23
Nitrobenzene-d5
Concen: 7.458 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60295

Ion	Ratio	Lower	Upper
82	100		
128	28.4	36.1	54.1#
54	46.8	41.4	62.2

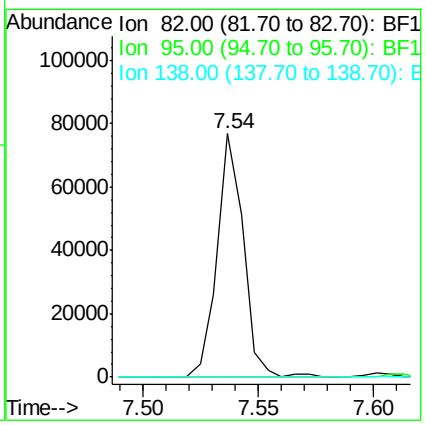


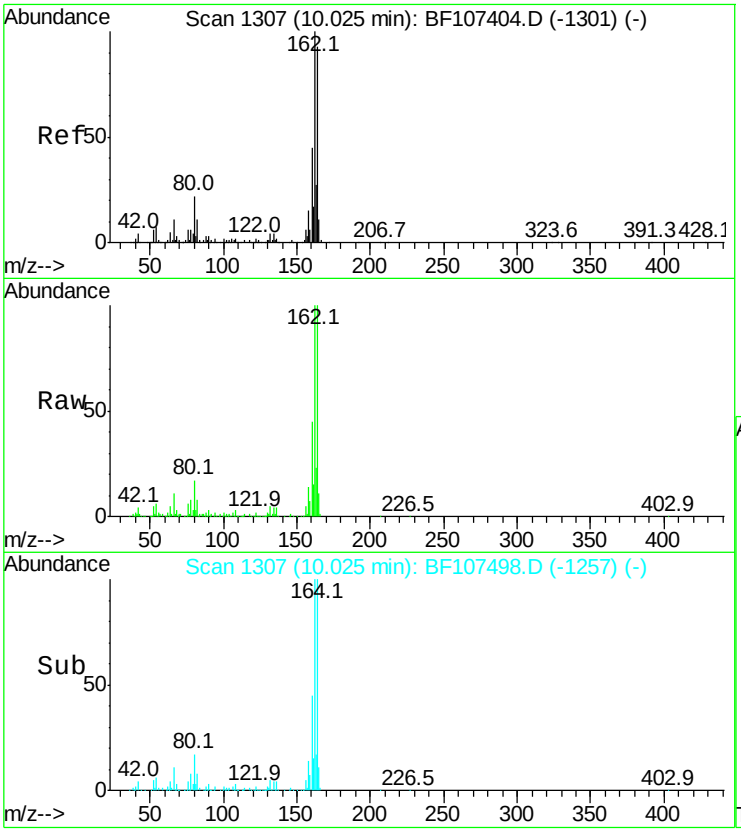


#25
Isophorone
Concen: 3.756 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion: 82 Resp: 60184

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



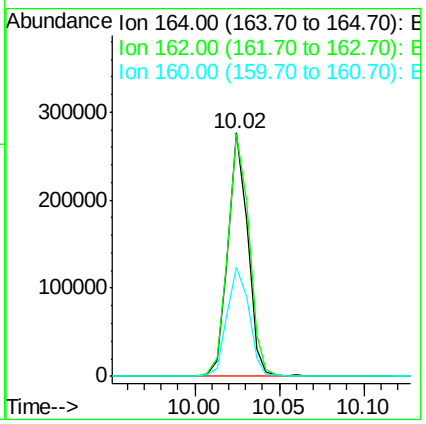


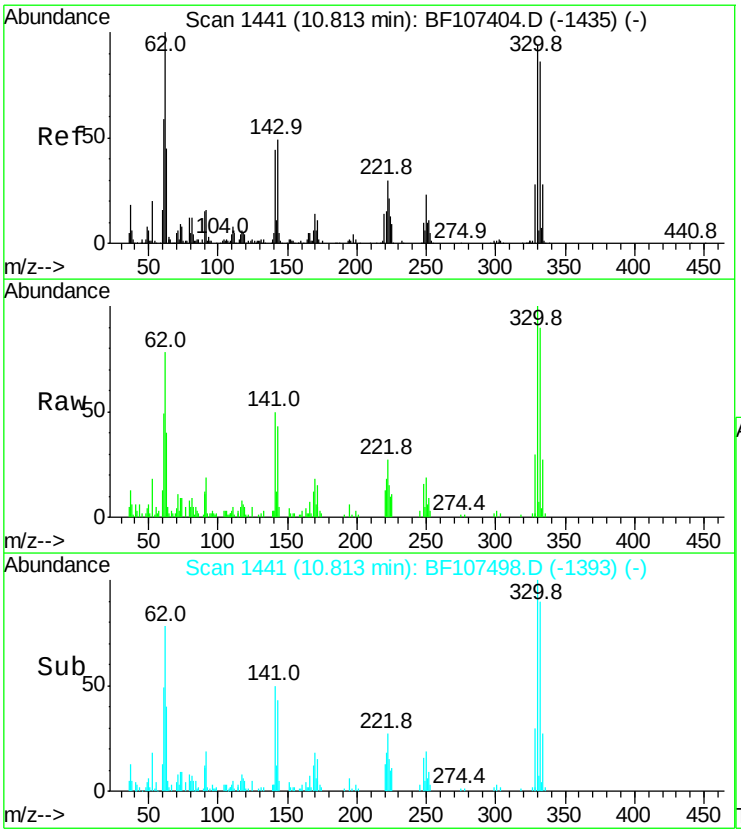
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 224626

Ion	Ratio	Lower	Upper
164	100		
162	99.7	86.1	129.1
160	45.0	38.3	57.5

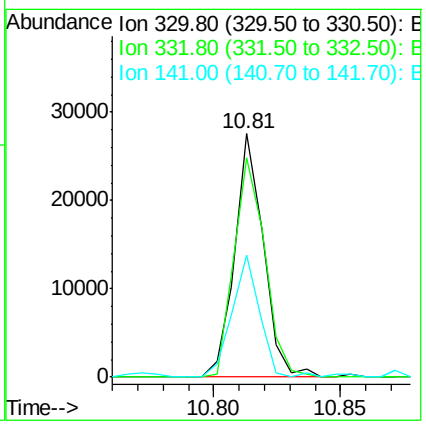


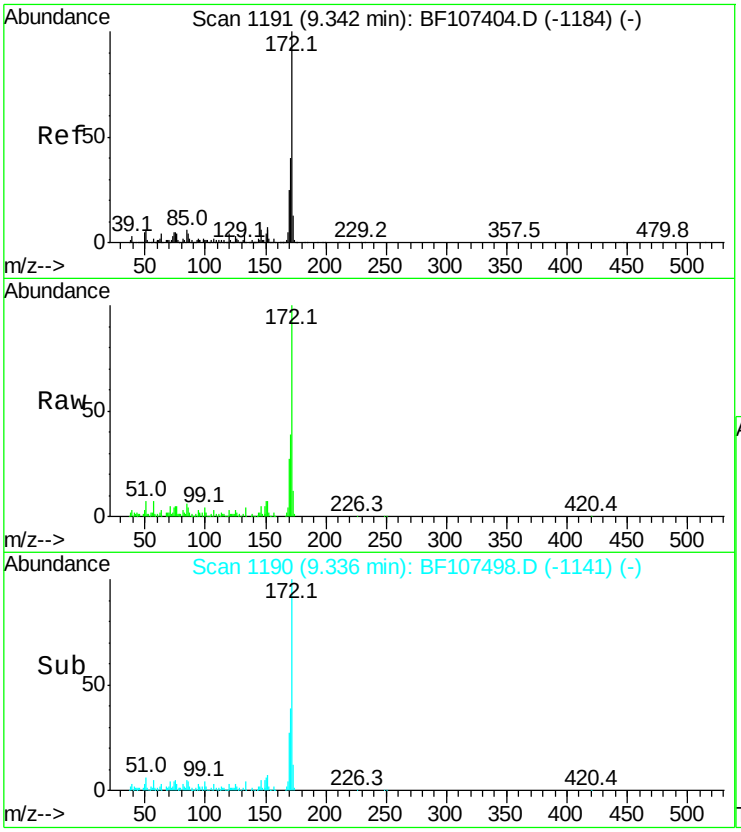


#41
2,4,6-Tribromophenol
Concen: 10.946 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:330 Resp: 21603

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	47.3	29.9	44.9#



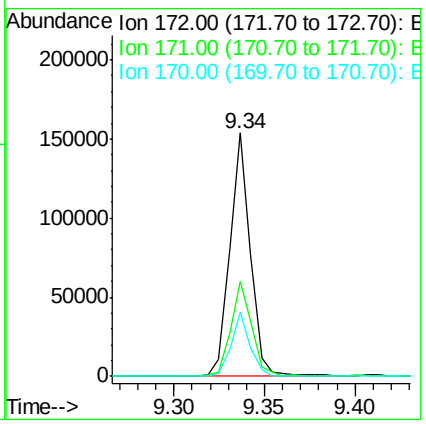


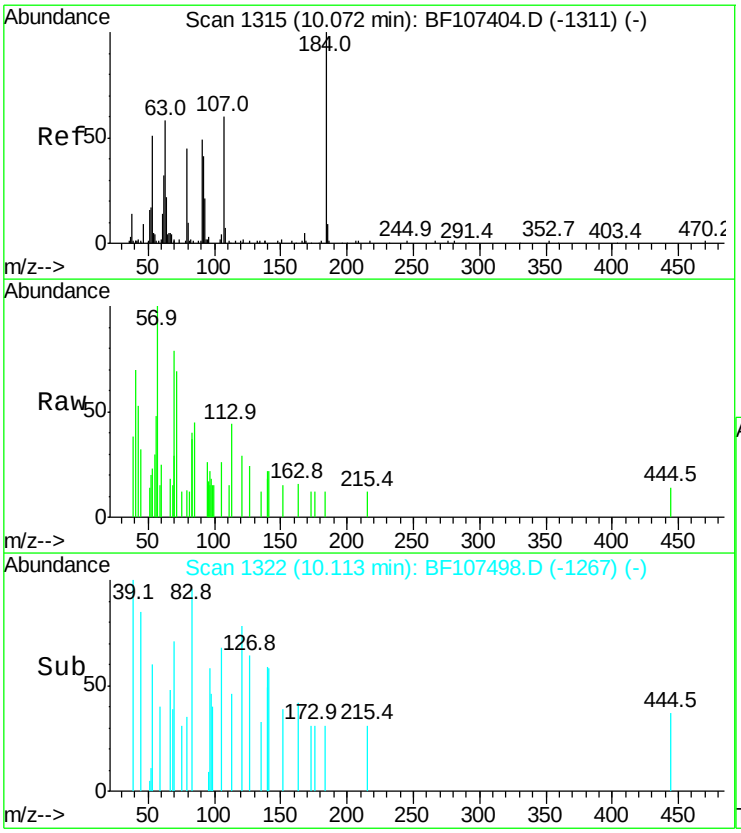
#44
2-Fluorobiphenyl
Concen: -2.115 ng
RT: 9.34 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 121174

Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	26.5	19.6	29.4

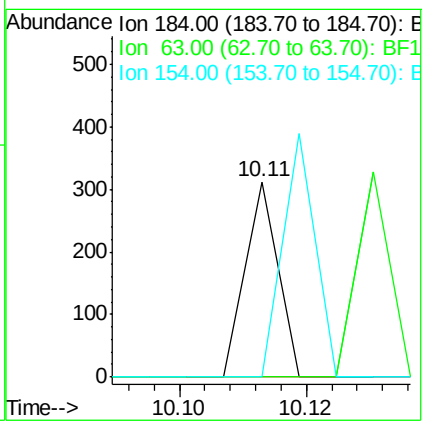


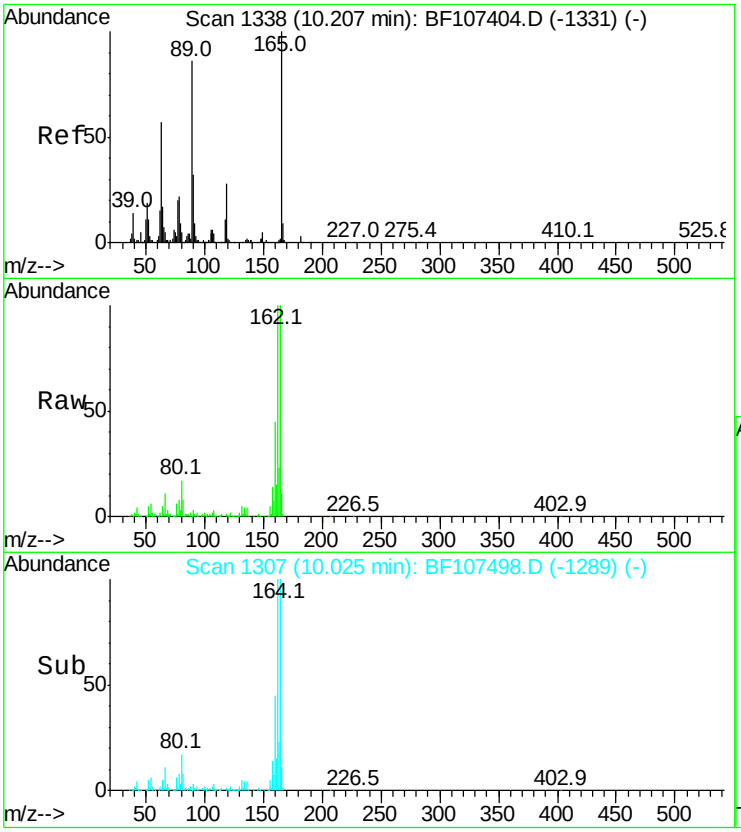


#53
2,4-Dinitrophenol
Concen: 2.381 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:184 Resp: 110

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#



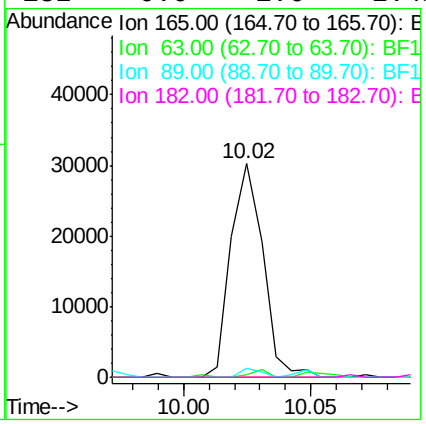


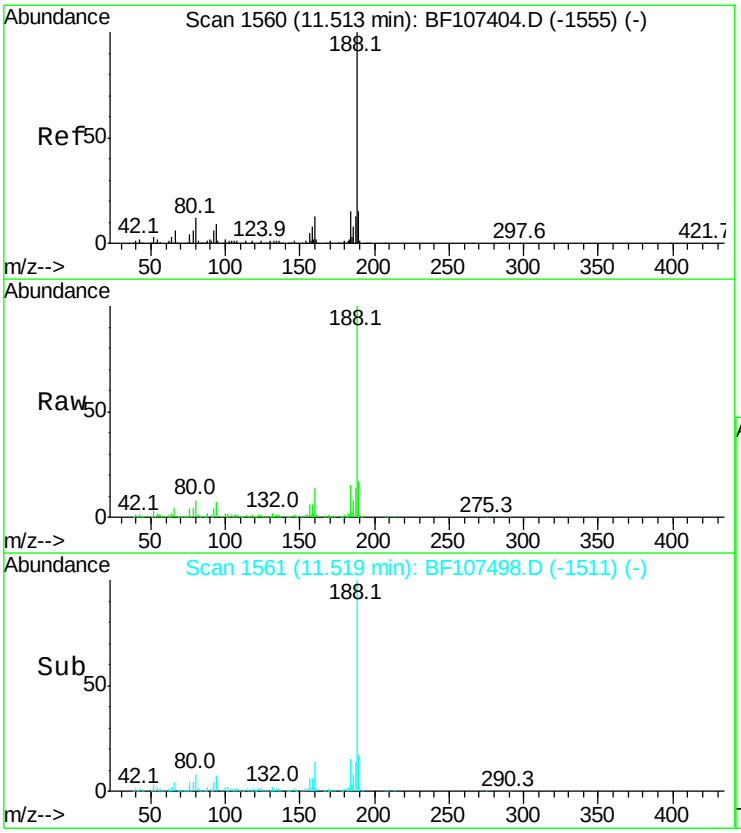
#56
2,4-Dinitrotoluene
Concen: 6.037 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26799

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	4.1	57.8	86.6#
182	0.0	1.6	2.4#

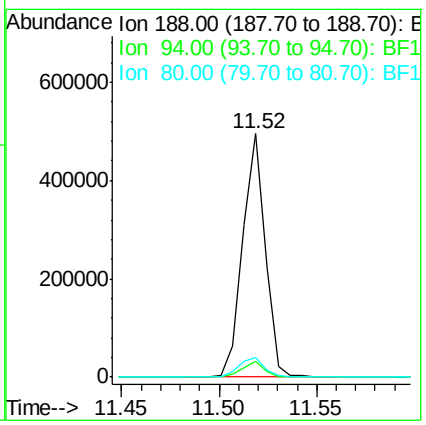


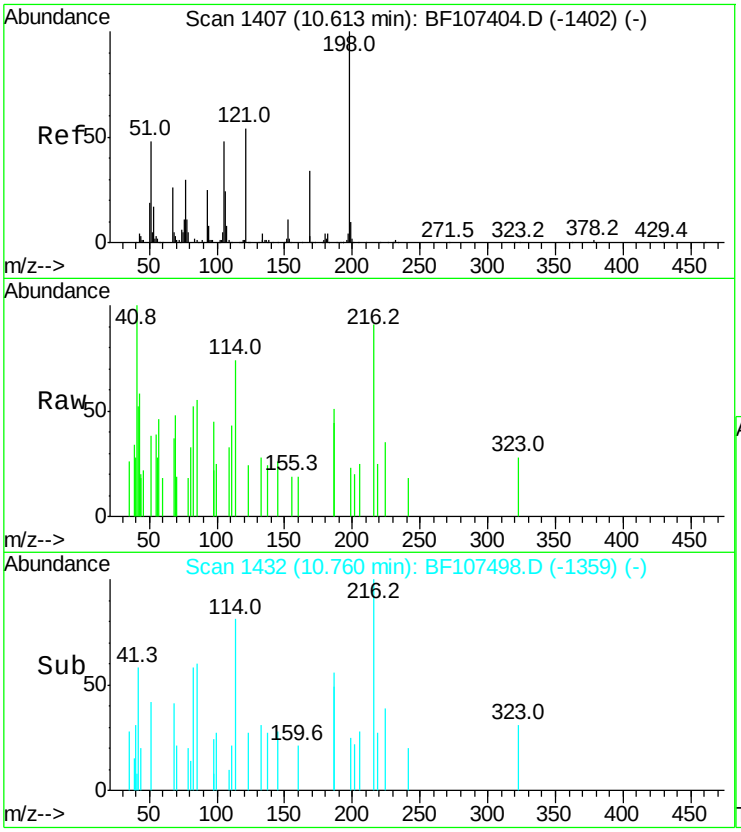


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:188 Resp: 399061

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	7.9	9.2	13.8#



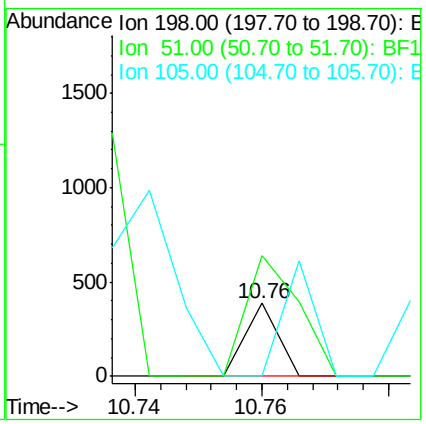


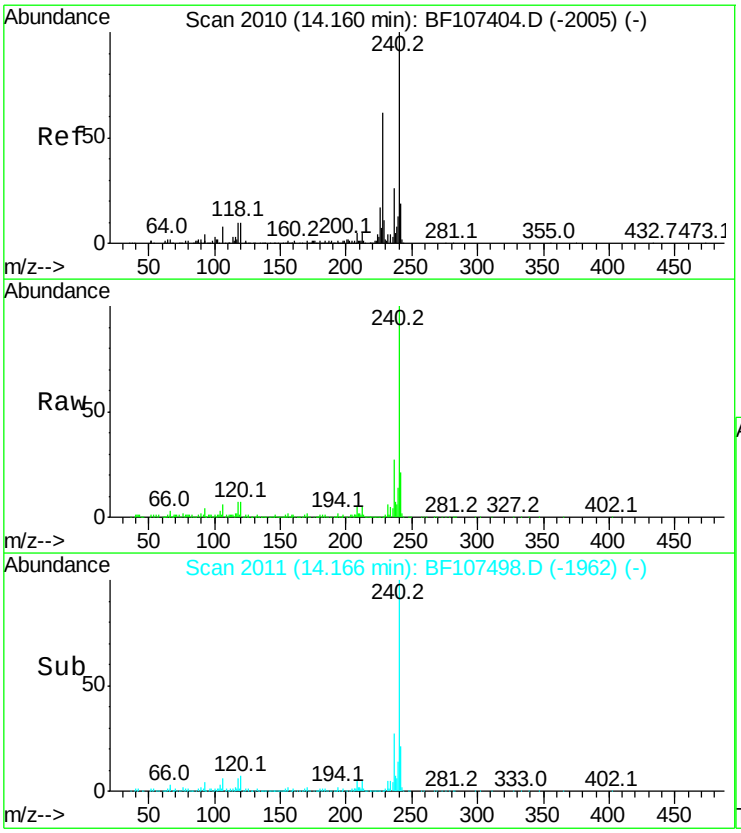
#64
4,6-Dinitro-2-methylphenol
Concen: 7.543 ng
RT: 10.76 min Scan# 1432
Delta R.T. 0.13 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	164.6	37.7	77.7#
105	0.0	36.3	76.3#

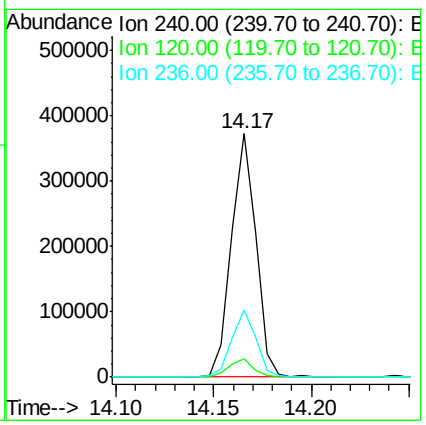


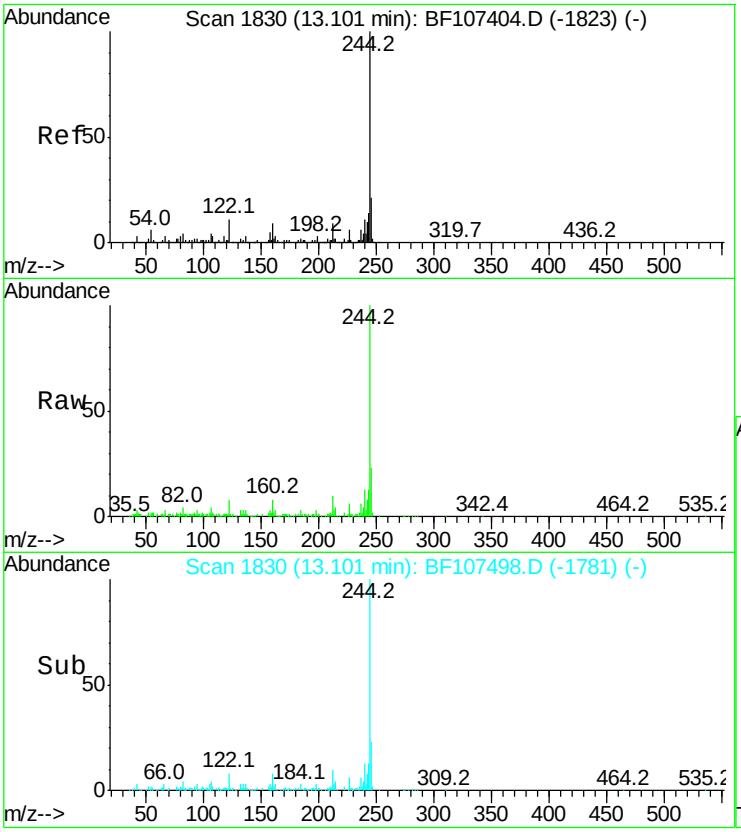


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:240 Resp: 326130

Ion	Ratio	Lower	Upper
240	100		
120	7.3	9.5	14.3#
236	27.4	20.7	31.1



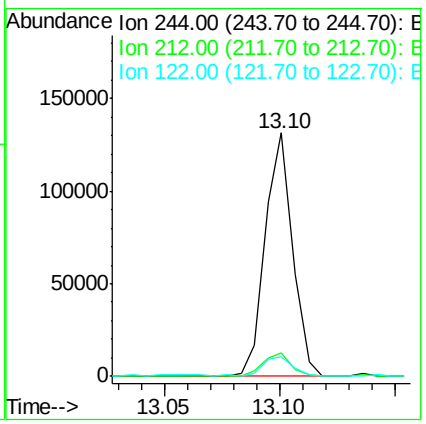


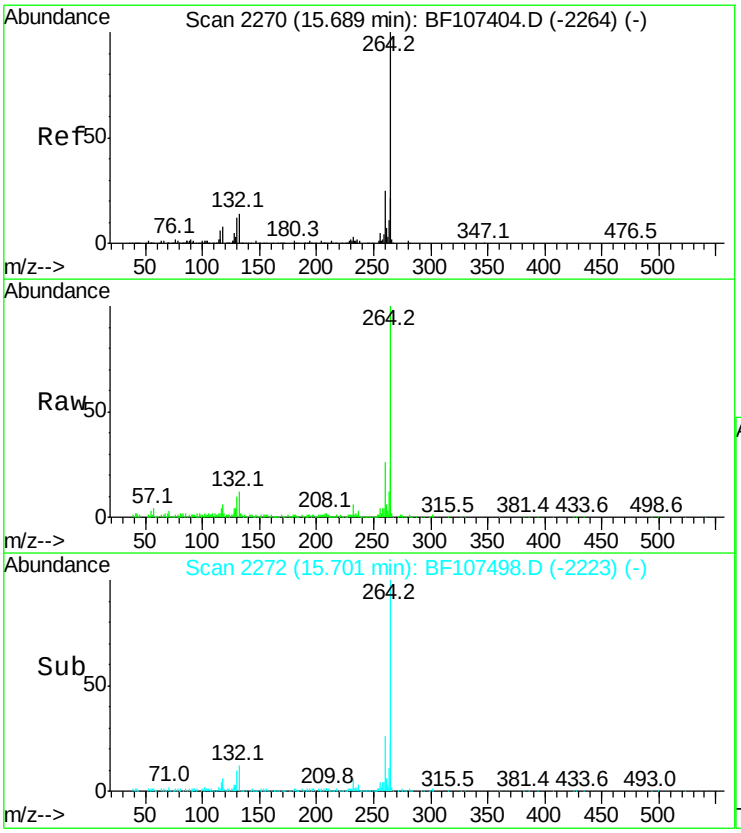
#78
Terphenyl-d14
Concen: 8.258 ng
RT: 13.10 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 108402

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.4	8.0#
122	8.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF107498.D
Acq: 19 Jul 2018 6:43

Tgt Ion:264 Resp: 296537

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	23.1	17.5	26.3