Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107838.D
Acq On : 31 Jul 2018 8:51
Operator : JU/SJ
Sample : J4221-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Time: Jul 31 10:55:50 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	6.97	152	178091	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	723055	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	291740	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	503336	20.00	ng	0.00
75) Chrysene-d12	14.15	240	457886	20.00	ng	0.00
86) Perylene-d12	15.69	264	361231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	456756	43.59	ng	0.00
7) Phenol-d6	6.60	99	477567	34.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	871912	69.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	313678	79.13	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1551839	74.12	ng	0.00
78) Terphenyl-d14	13.08	244	1142665	54.11	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.27	128	469819	13.978	ng	99
37) 2-Methylnaphthalene	8.96	142	72993	3.457	ng	100
49) Dimethylphthalate	9.71	163	48152	2.198	ng	98
51) Acenaphthene	10.04	154	42619	2.364	ng	92

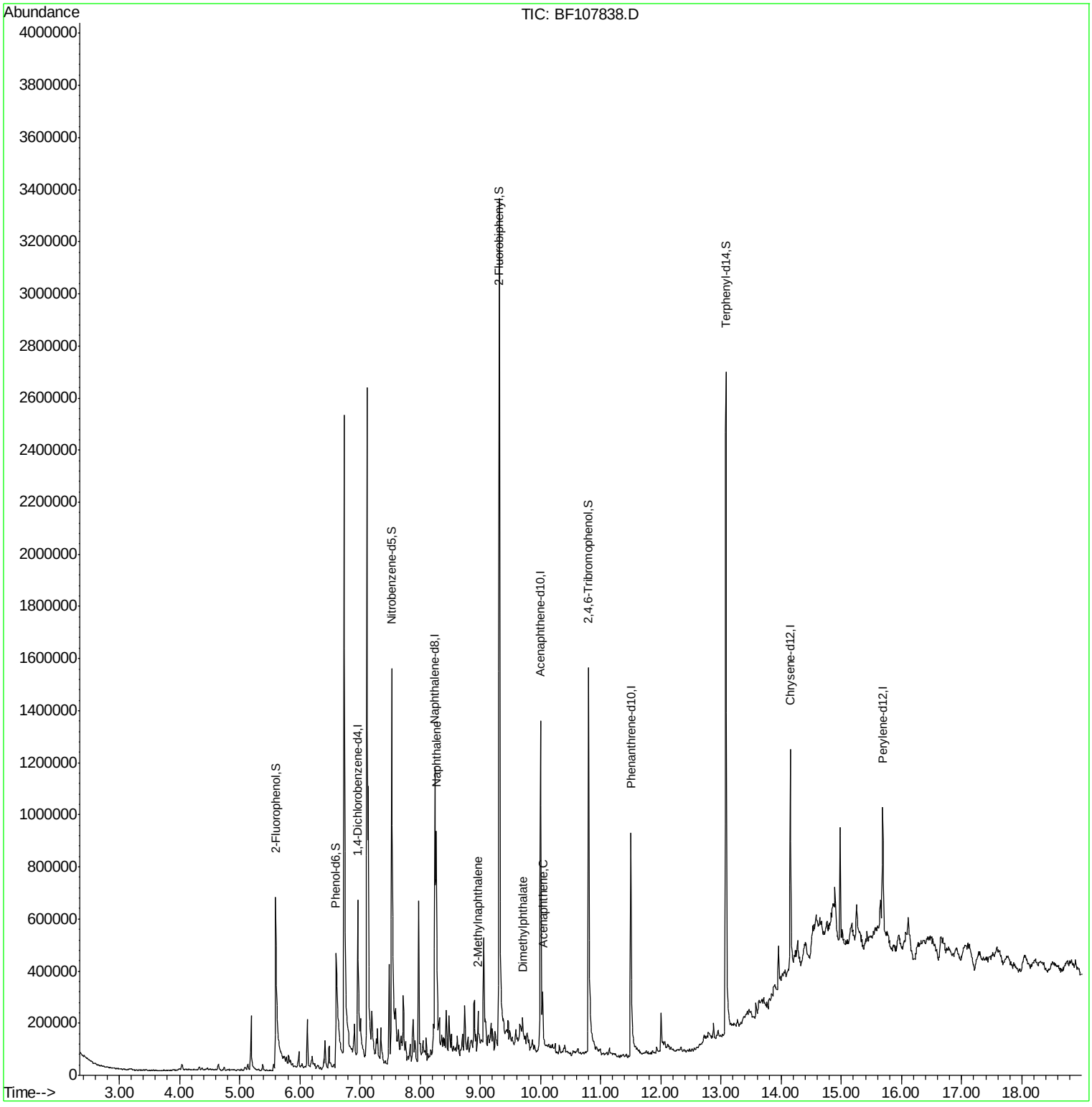
(#) = qualifier out of range (m) = manual integration (+) = signals summed

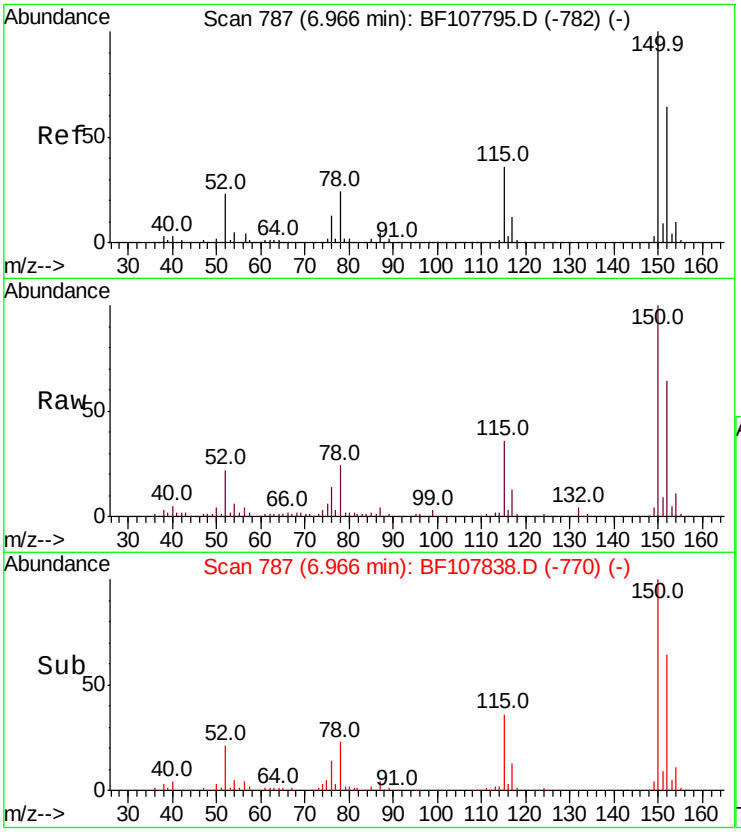
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107838.D
Acq On : 31 Jul 2018 8:51
Operator : JU/SJ
Sample : J4221-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Time: Jul 31 10:55:50 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



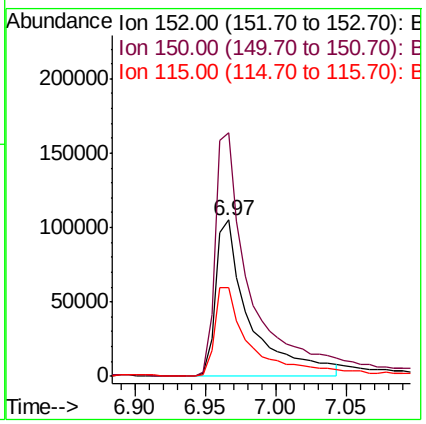


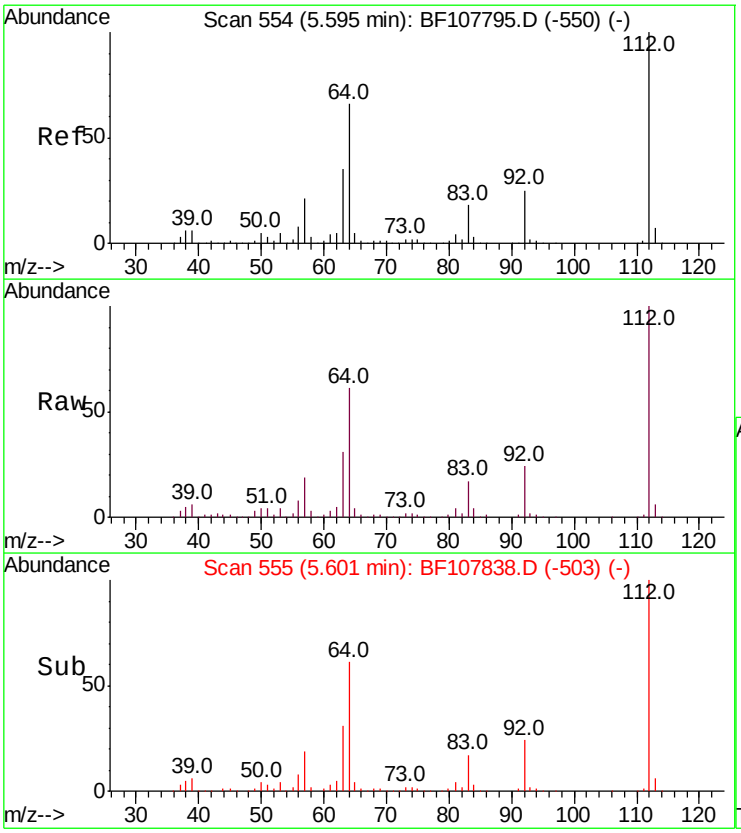
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 178091

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	56.5	50.1	75.1

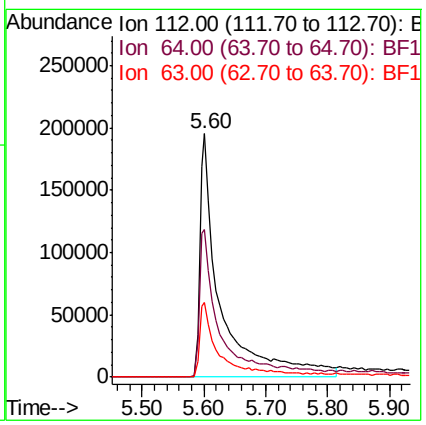


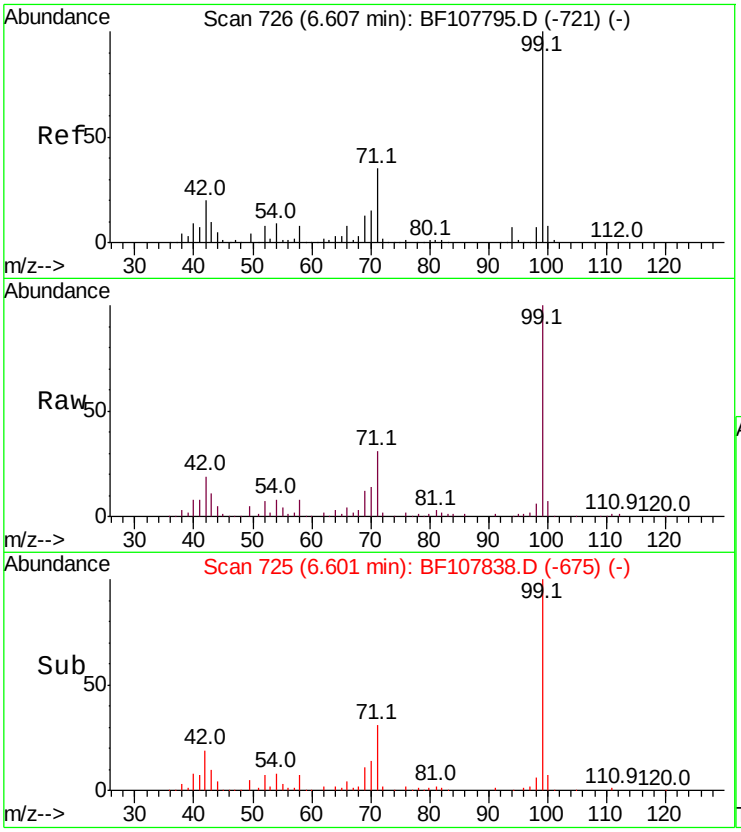


#5
2-Fluorophenol
Concen: 43.589 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:112 Resp: 456756

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.8	23.7	35.5



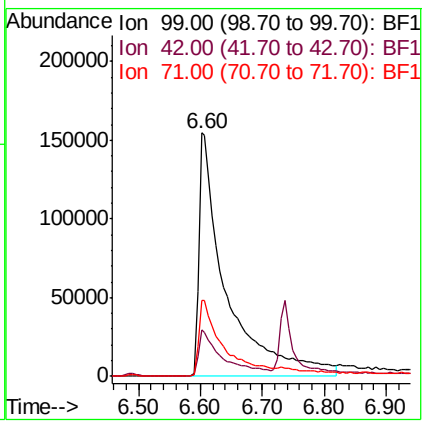


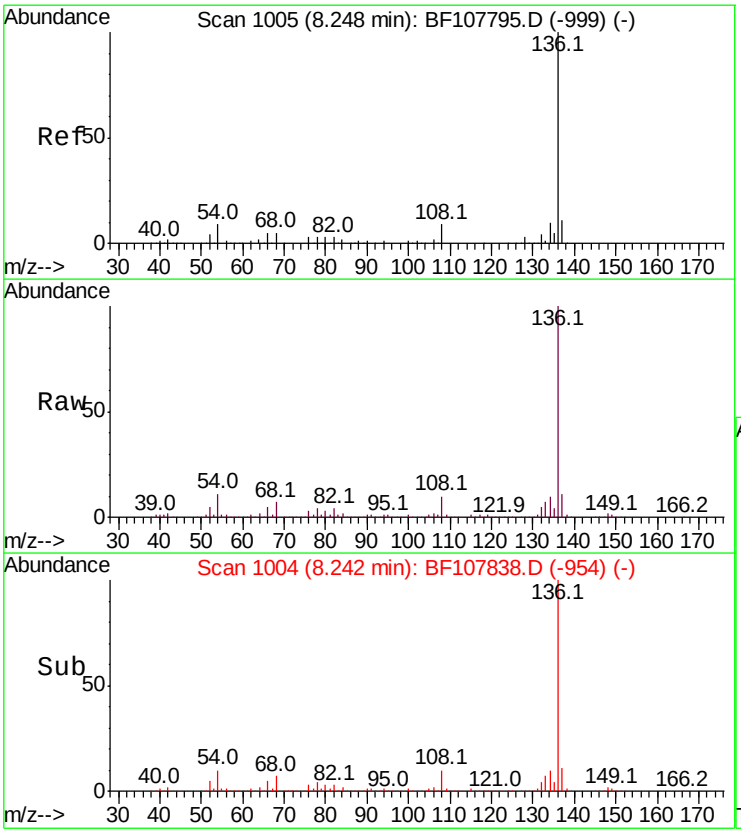
#7
Phenol-d6
Concen: 34.580 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 99 Resp: 477567

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.0	25.4	38.0

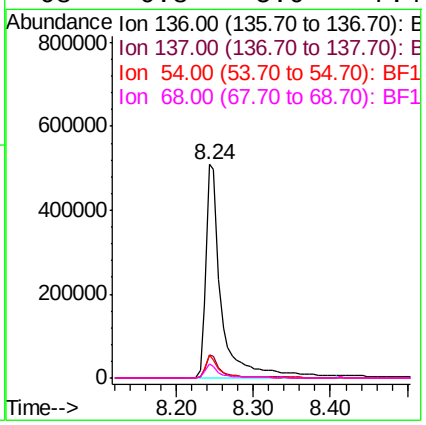


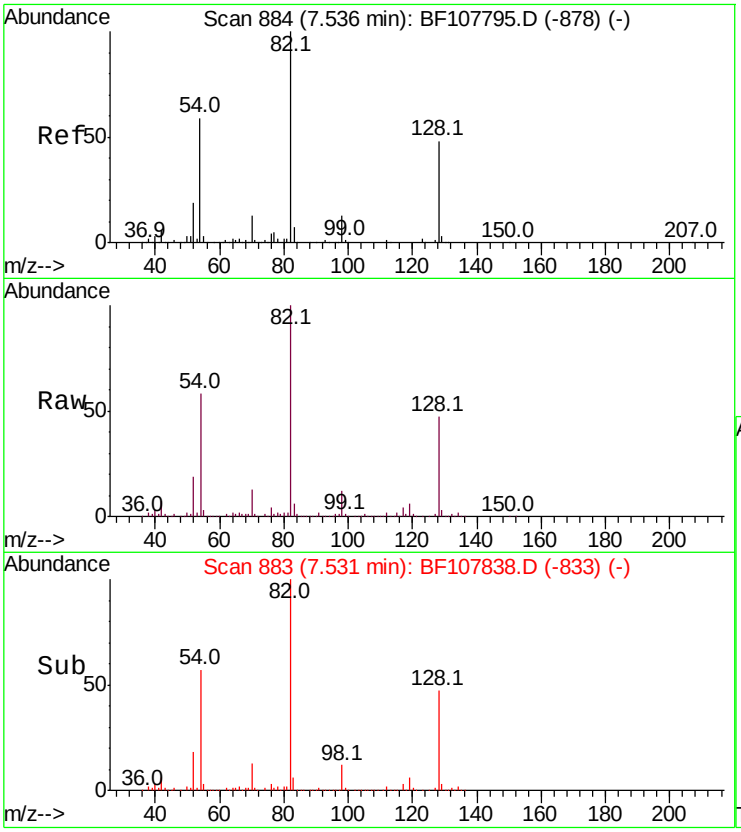


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:136 Resp: 723055

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.5	6.6	9.8#
68	6.8	5.0	7.4



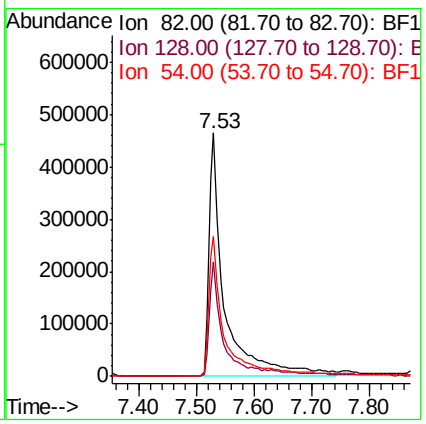


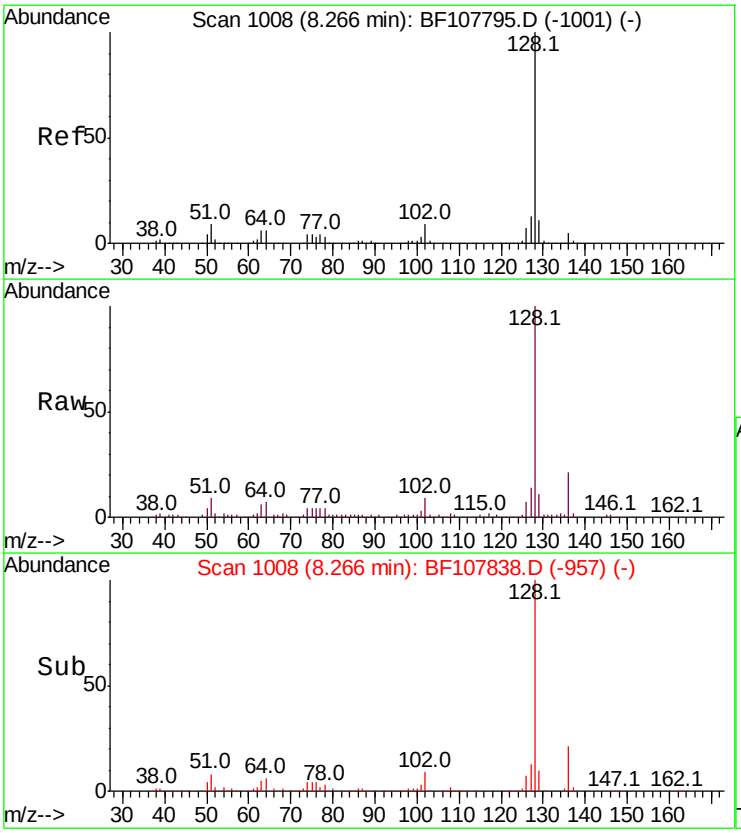
#23
Nitrobenzene-d5
Concen: 69.471 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 82 Resp: 871912

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	57.6	41.4	62.2

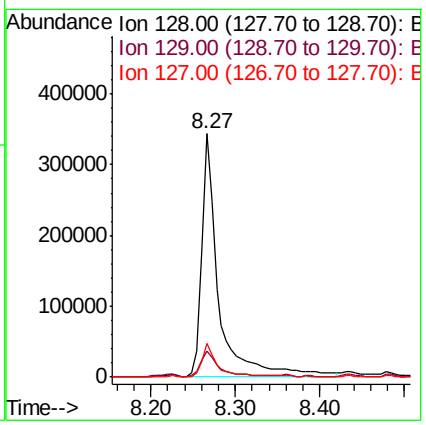


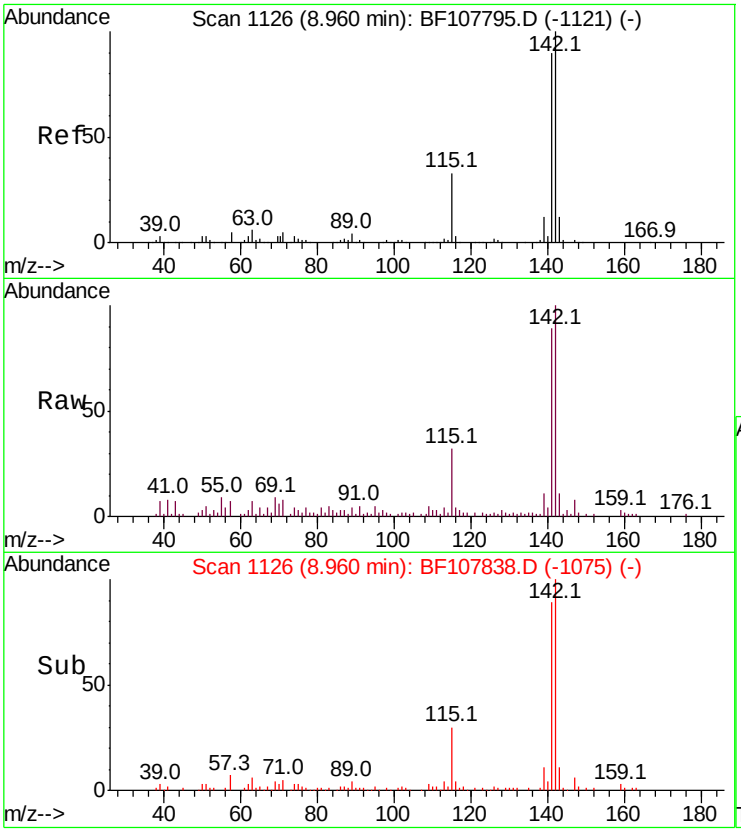


#31
Naphthalene
Concen: 13.978 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:128 Resp: 469819

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.8	10.9	16.3

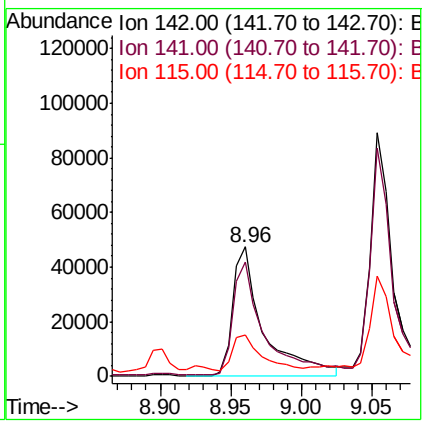




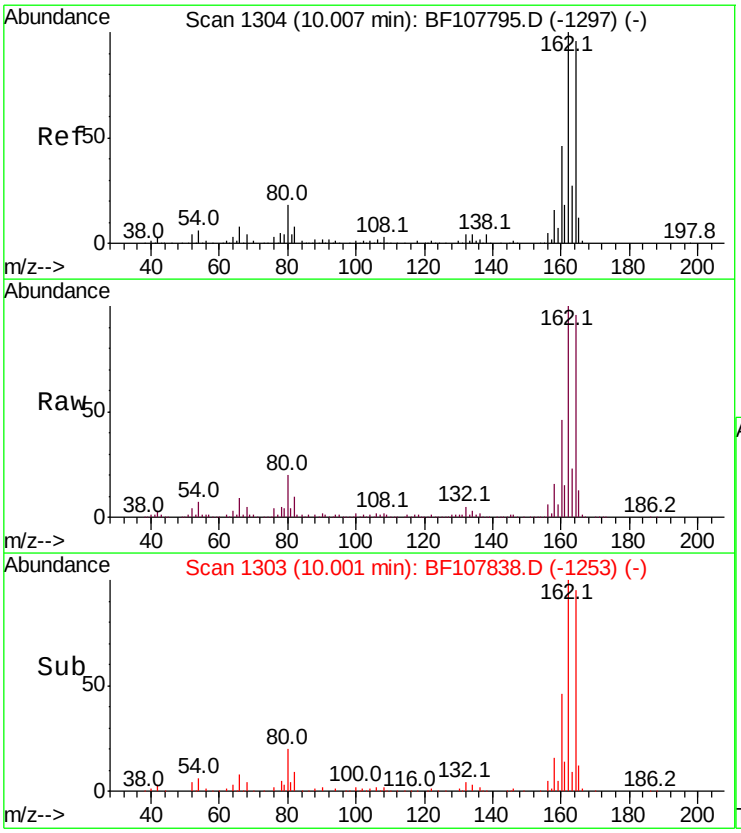
#37
2-Methylnaphthalene
Concen: 3.457 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:142 Resp: 72993

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	32.1	26.1	39.1



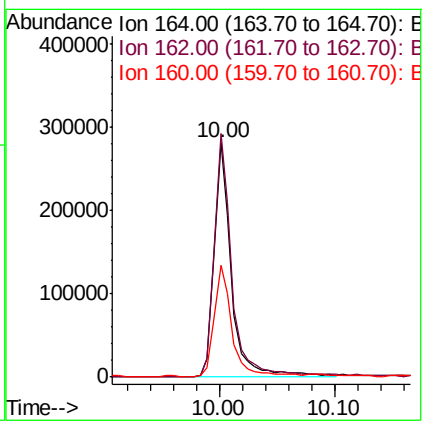
Instrument :
BNA_F
ClientSampleId :
MW-22

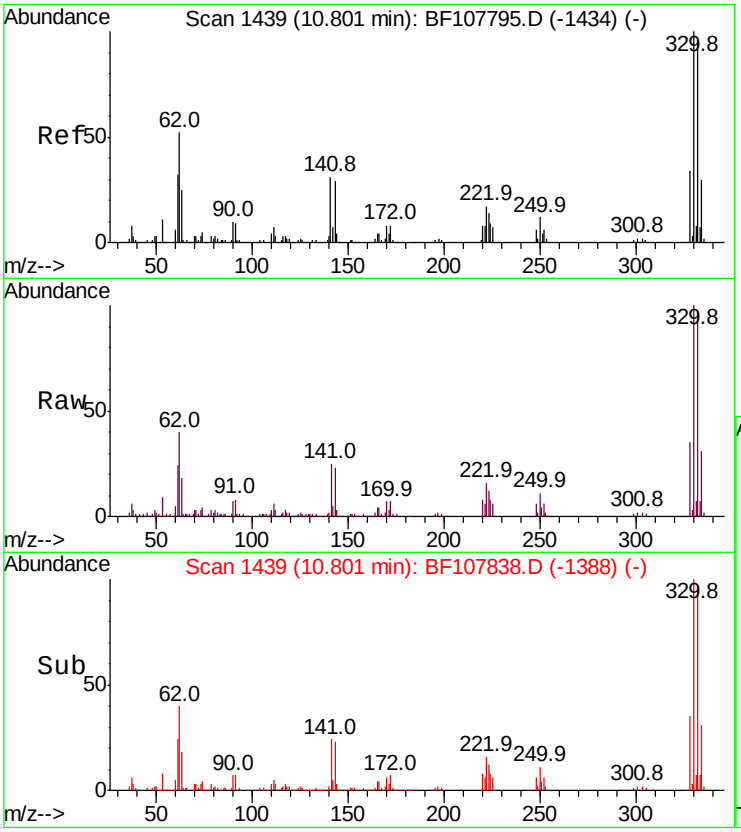


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:164 Resp: 291740

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.6	38.3	57.5



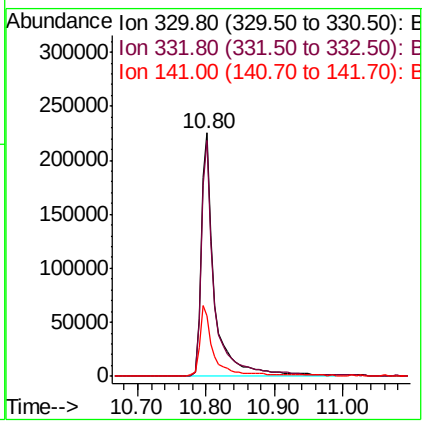


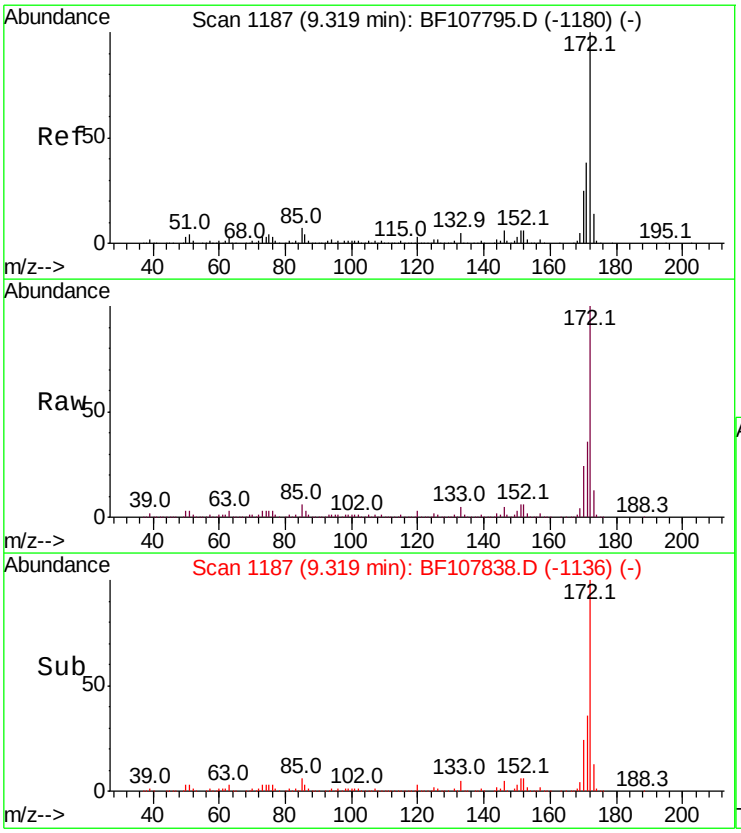
#41
2,4,6-Tribromophenol
Concen: 79.129 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:330 Resp: 313678

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.0	29.9	44.9#

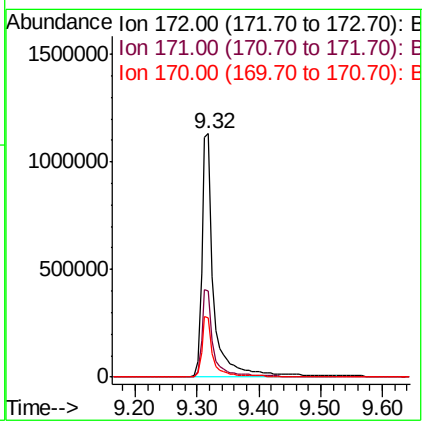


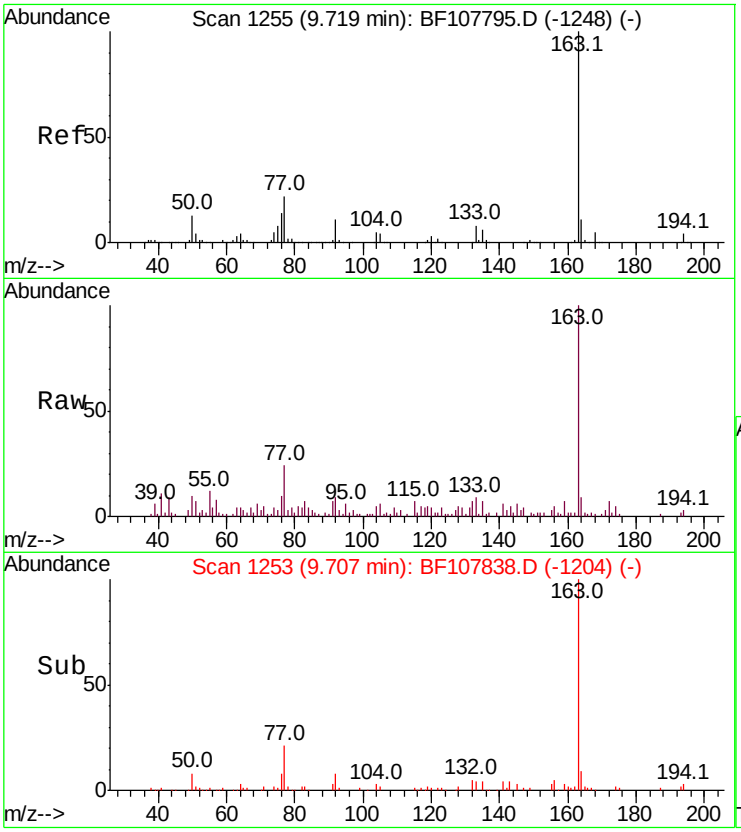


#44
2-Fluorobiphenyl
Concen: 74.123 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:172 Resp: 1551839

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	19.6	29.4



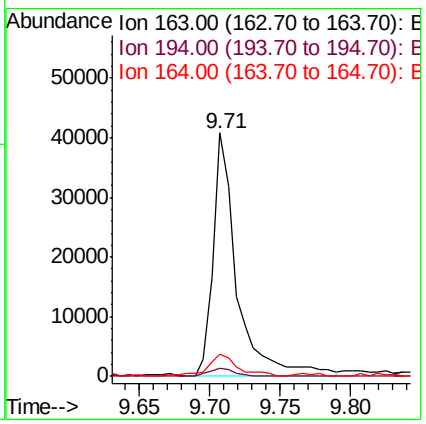


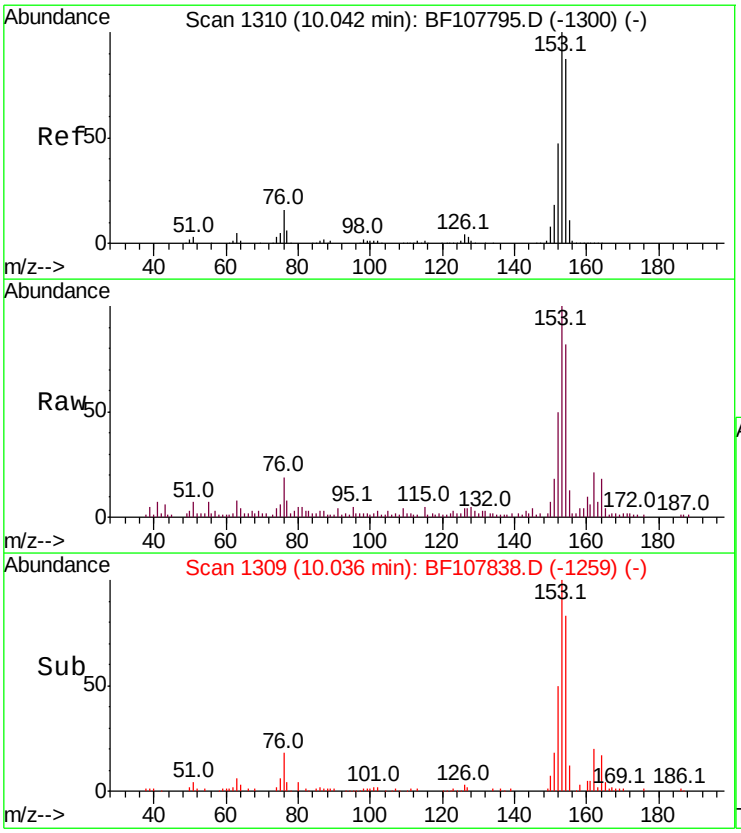
#49
Dimethylphthalate
Concen: 2.198 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:163 Resp: 48152

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.3	8.2	12.2

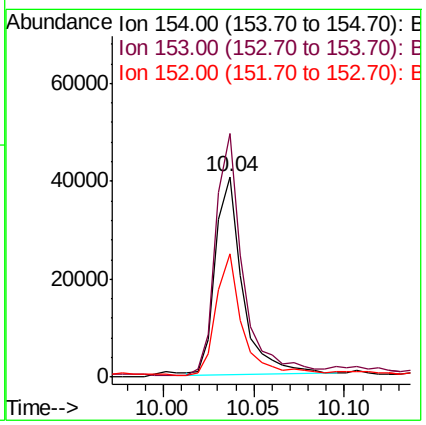


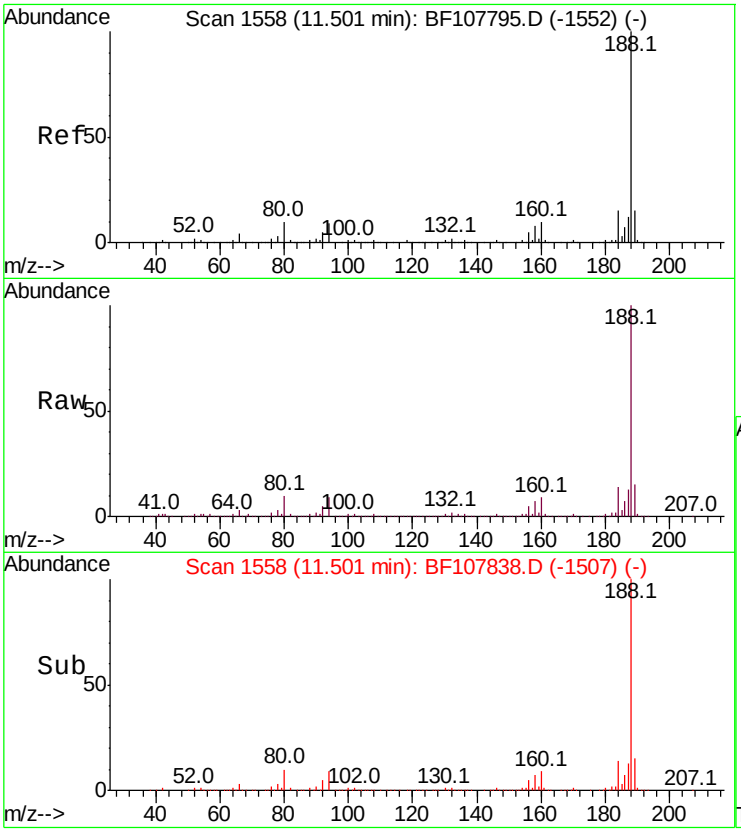


#51
Acenaphthene
Concen: 2.364 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:154 Resp: 42619

Ion	Ratio	Lower	Upper
154	100		
153	121.6	91.2	136.8
152	61.2	43.8	65.8



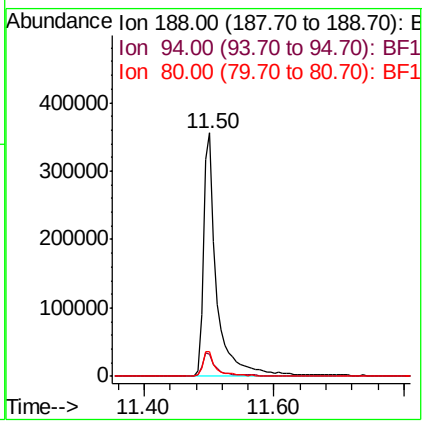


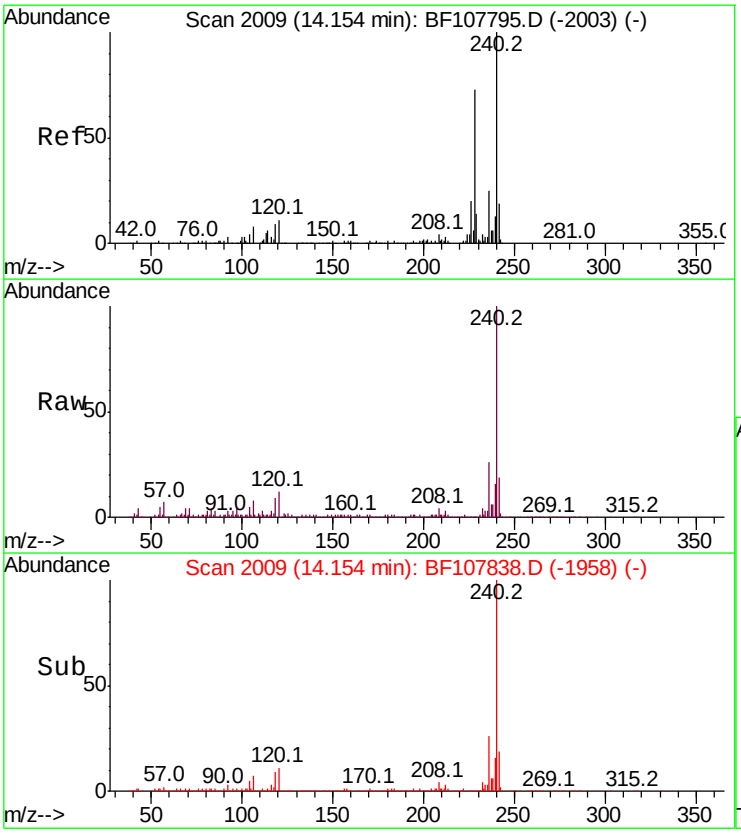
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 503336

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.4	9.2	13.8

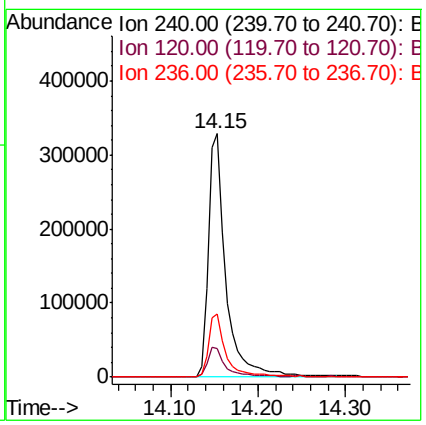


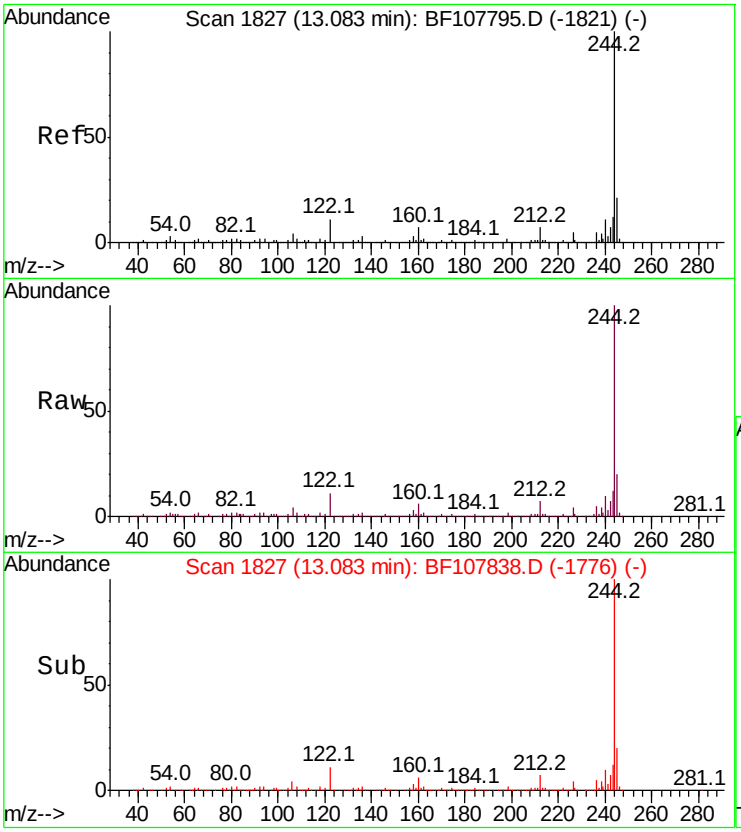


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:240 Resp: 457886

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.1	20.7	31.1



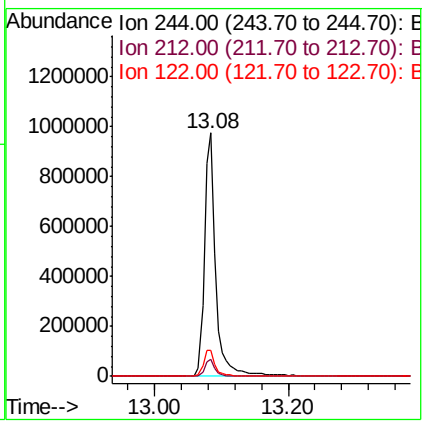


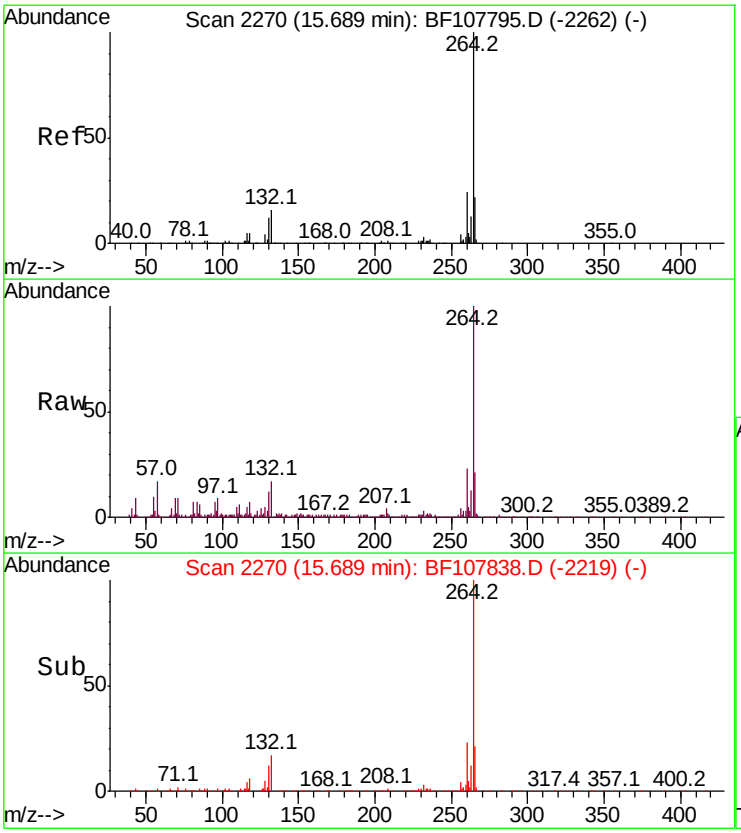
#78
Terphenyl-d14
Concen: 54.114 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:244 Resp: 1142665

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107838.D
Acq: 31 Jul 2018 8:51

Tgt Ion:264 Resp: 361231

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.3	17.5	26.3