Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107785.D
Acq On : 28 Jul 2018 9:36
Operator : JU/SJ
Sample : J4199-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A10

Quant Time: Jul 30 03:36:47 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	141827	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	545734	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	216797	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	393095	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	409009	20.00	ng	-0.02
86) Perylene-d12	15.68	264	335257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	405308	45.95	ng	-0.01
7) Phenol-d6	6.60	99	369409	34.88	ng	-0.01
23) Nitrobenzene-d5	7.53	82	813129	100.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	314403	127.53	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1476077	138.08	ng	-0.02
78) Terphenyl-d14	13.08	244	1324327	82.89	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	9.05	142	36286	2.182	ng	96
51) Acenaphthene	10.03	154	92981	6.843	ng	98

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

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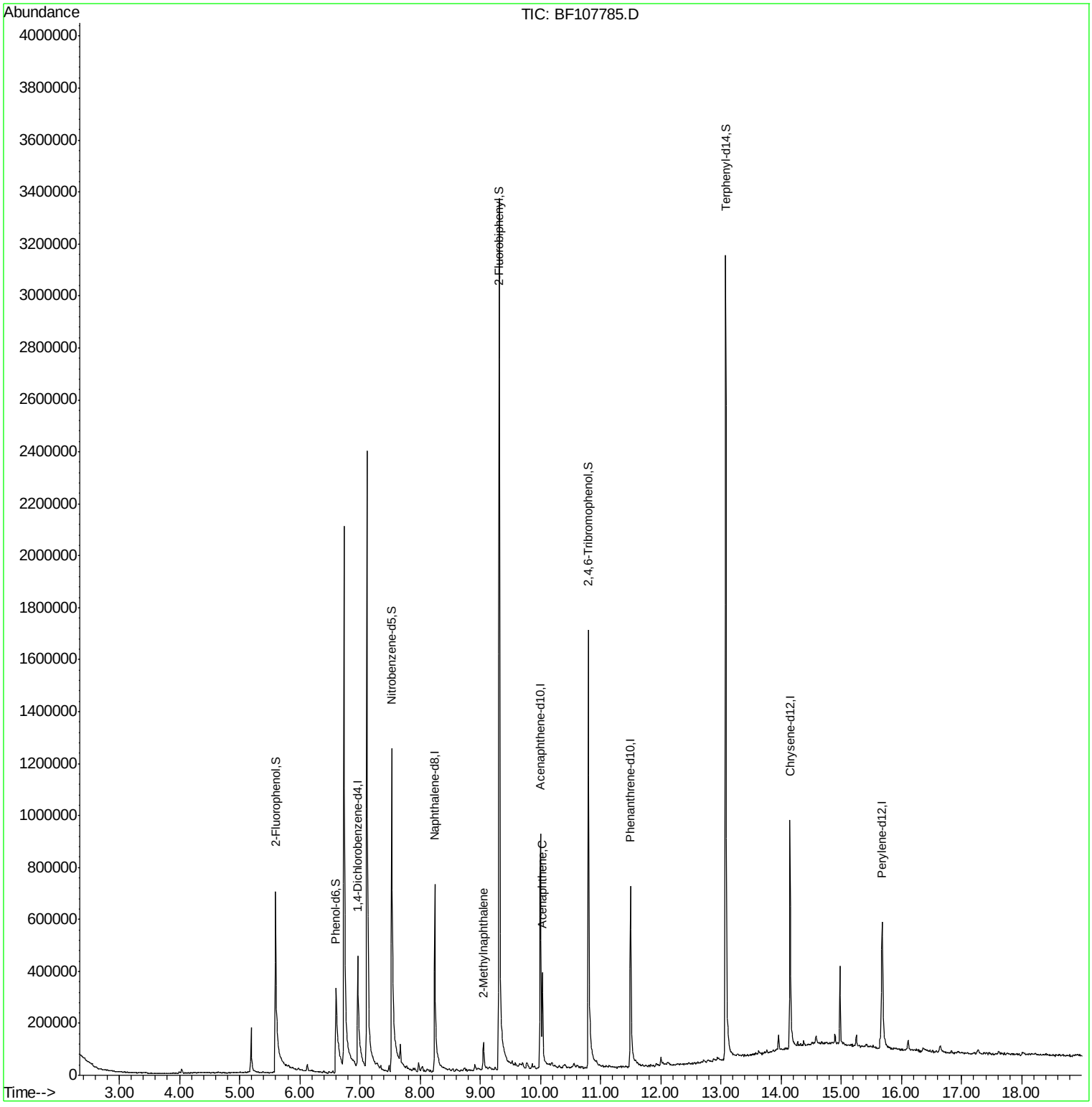
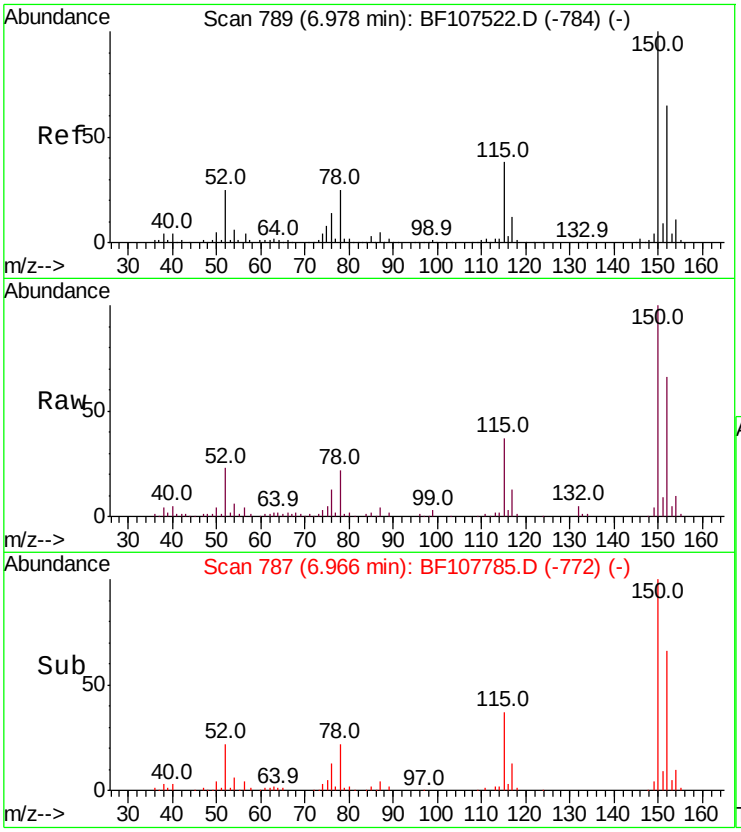


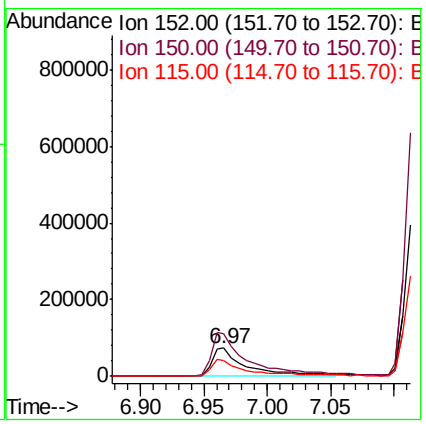


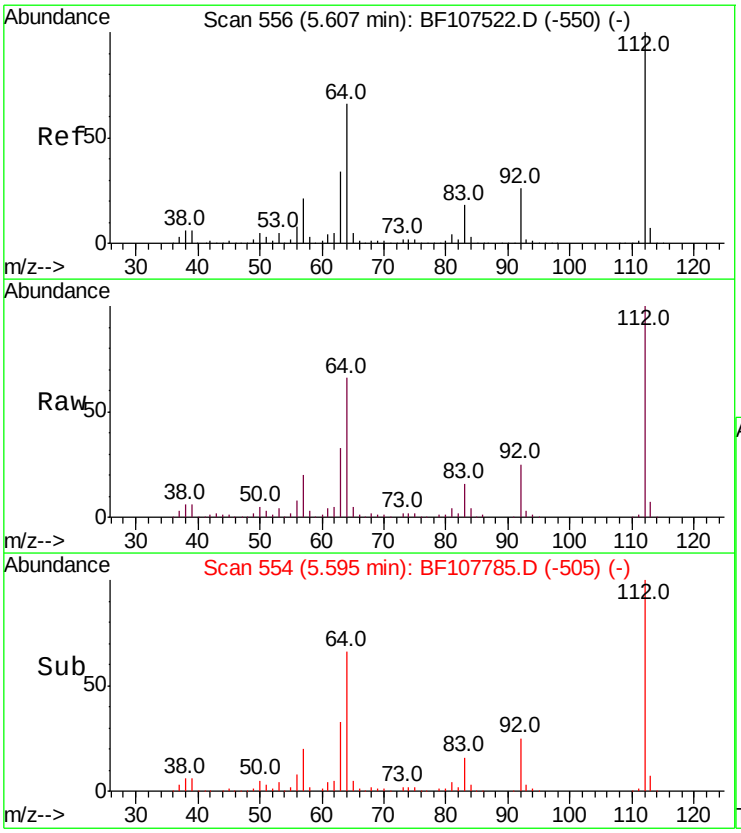
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion:152 Resp: 141827

Ion	Ratio	Lower	Upper
152	100		
150	150.6	124.6	186.8
115	55.5	50.1	75.1

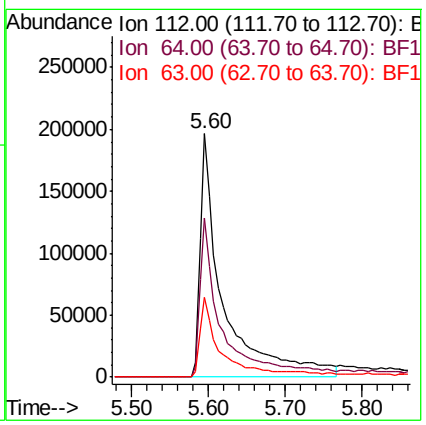


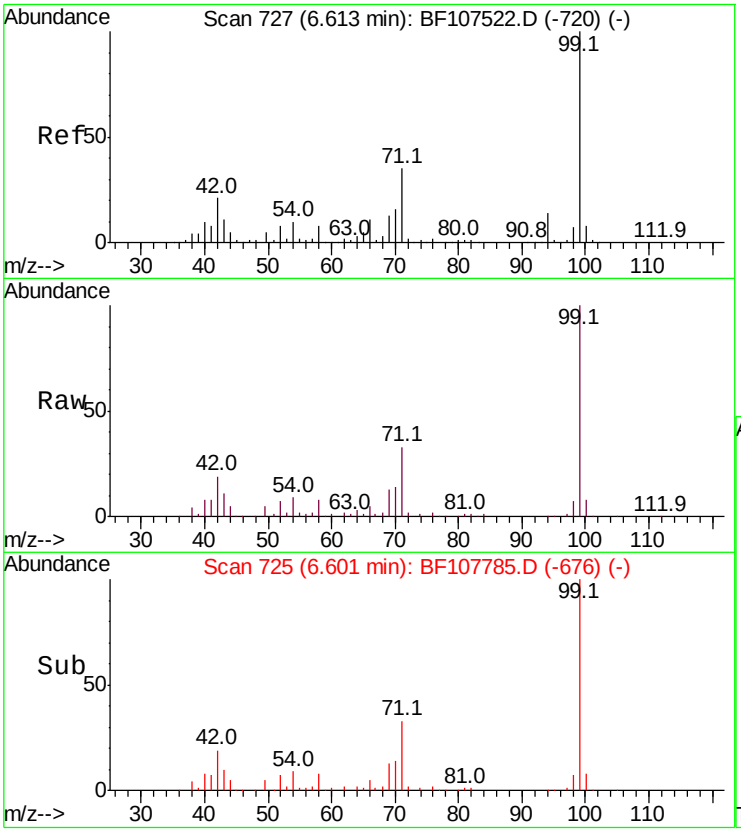


#5
2-Fluorophenol
Concen: 45.947 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:112 Resp: 405308

Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	32.5	23.7	35.5



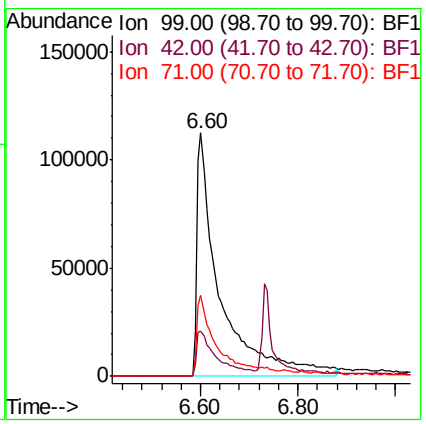


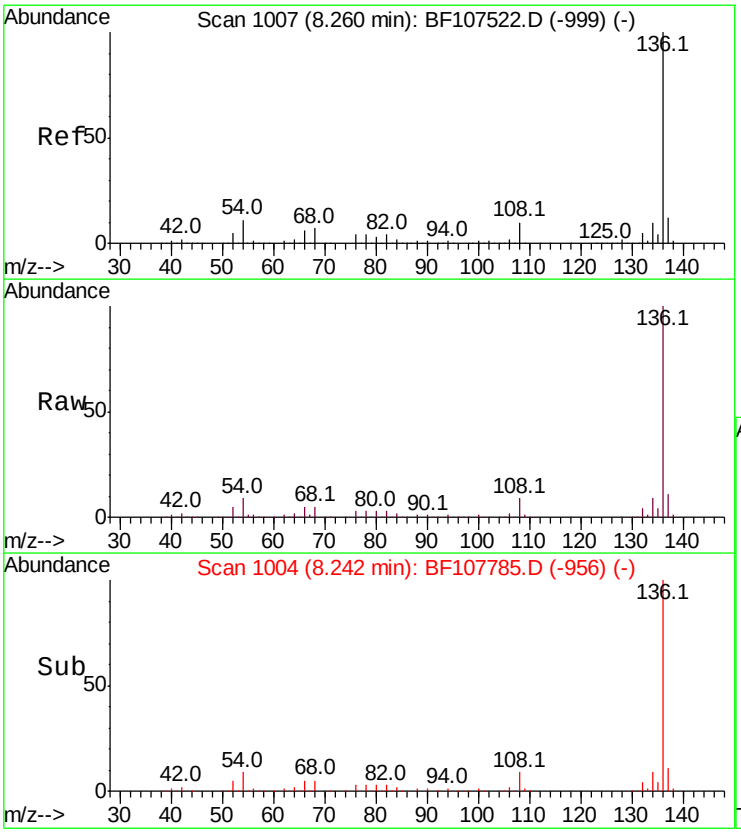
#7
Phenol-d6
Concen: 34.877 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion: 99 Resp: 369409

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	33.2	25.4	38.0

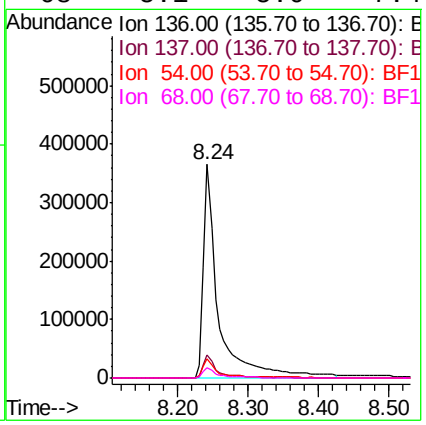


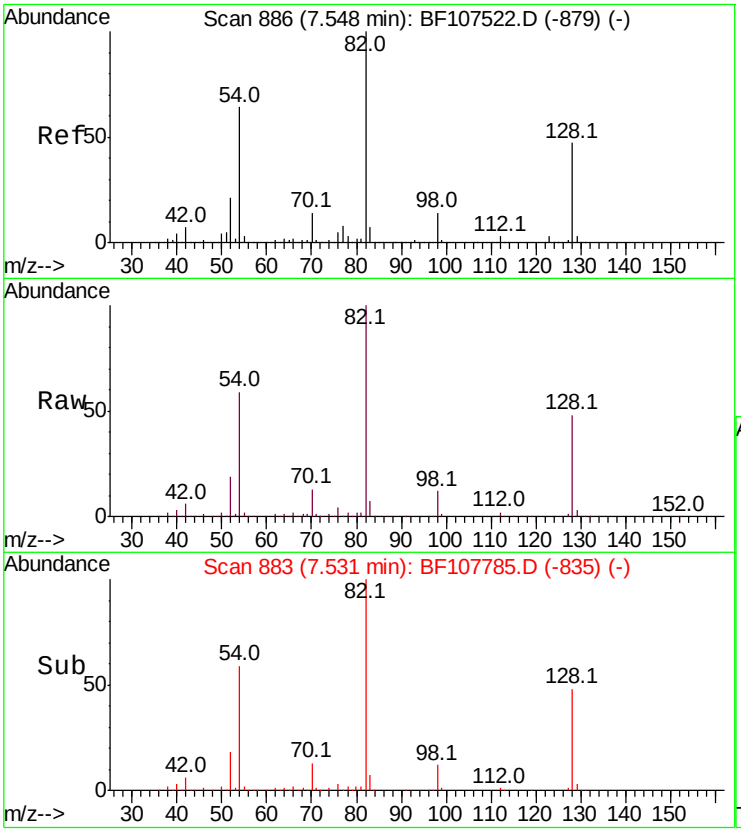


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:136 Resp: 545734

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	5.1	5.0	7.4



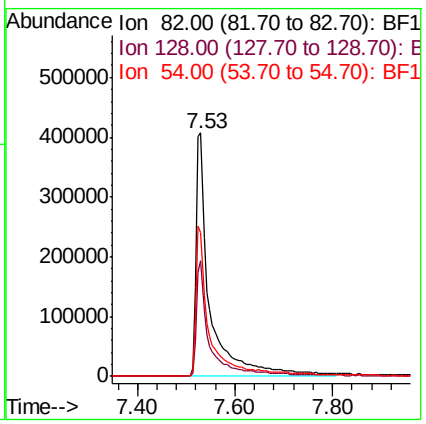


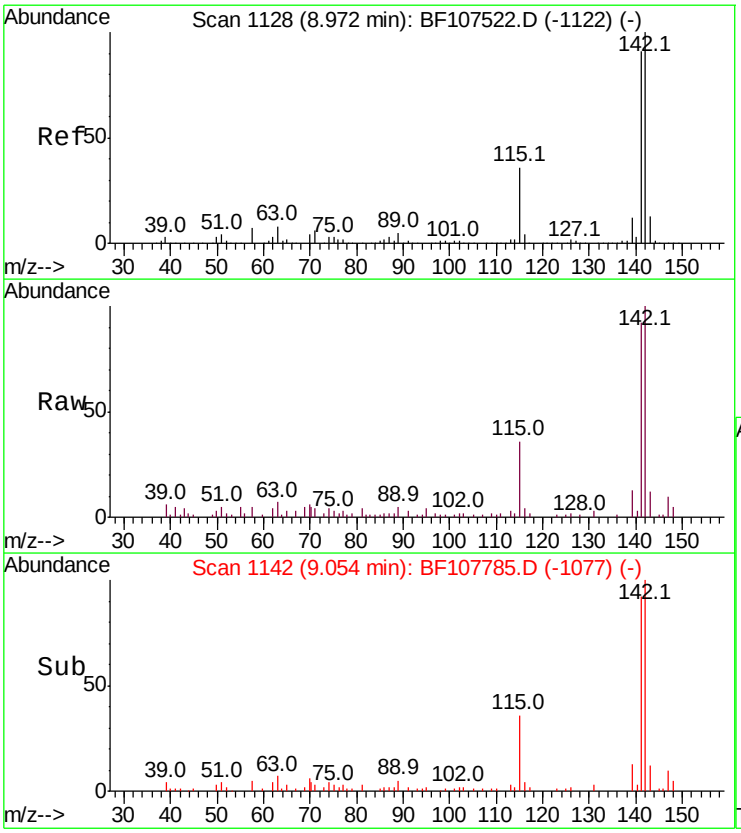
#23
Nitrobenzene-d5
Concen: 100.555 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion: 82 Resp: 813129

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	59.2	41.4	62.2

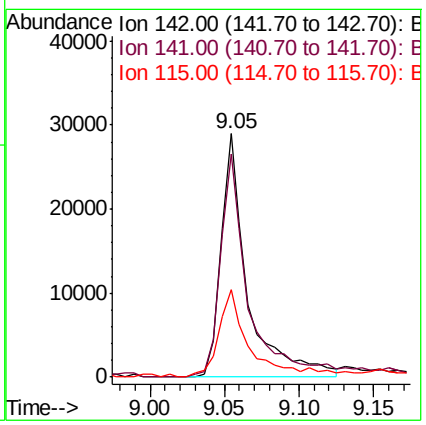


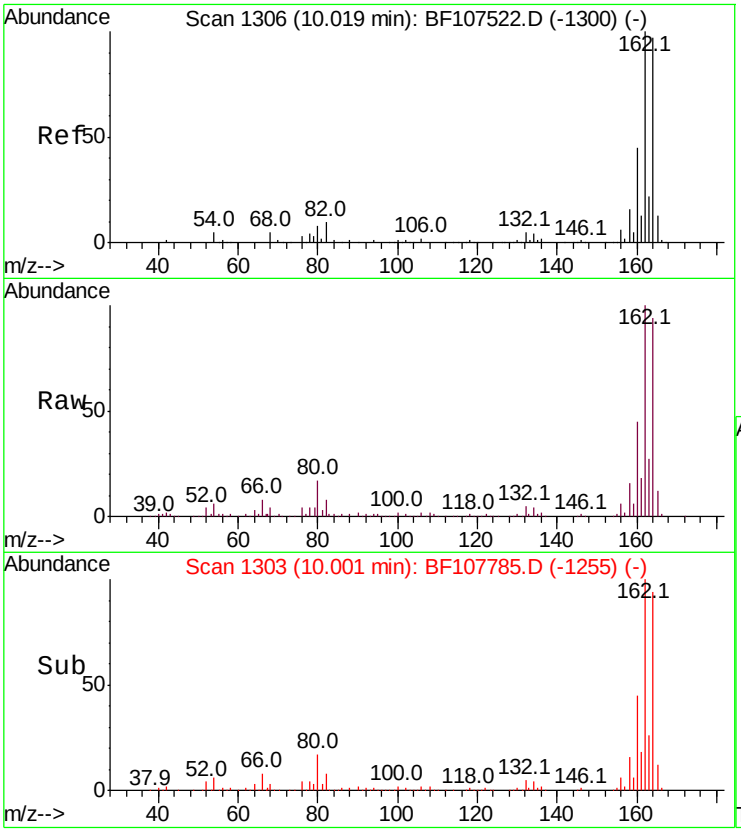


#37
2-Methylnaphthalene
Concen: 2.182 ng
RT: 9.05 min Scan# 1142
Delta R.T. 0.08 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:142 Resp: 36286

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.8	106.2
115	36.1	26.1	39.1



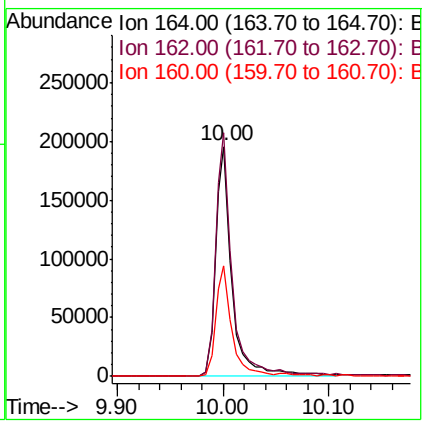


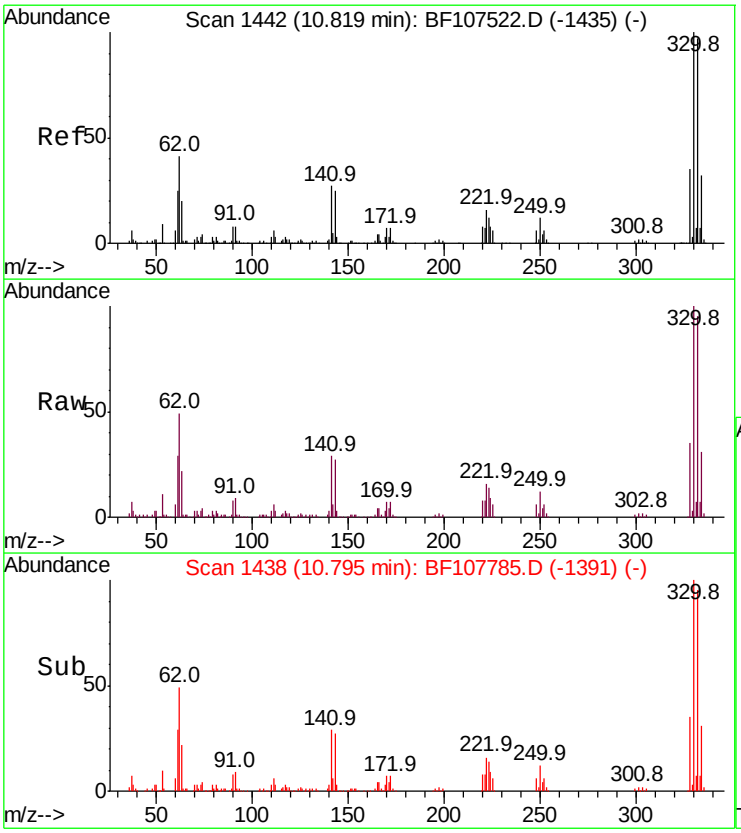
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion:164 Resp: 216797

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	48.0	38.3	57.5

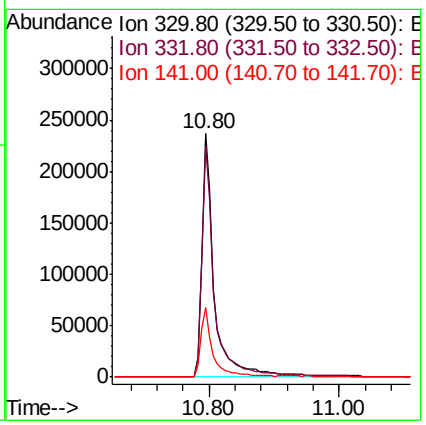


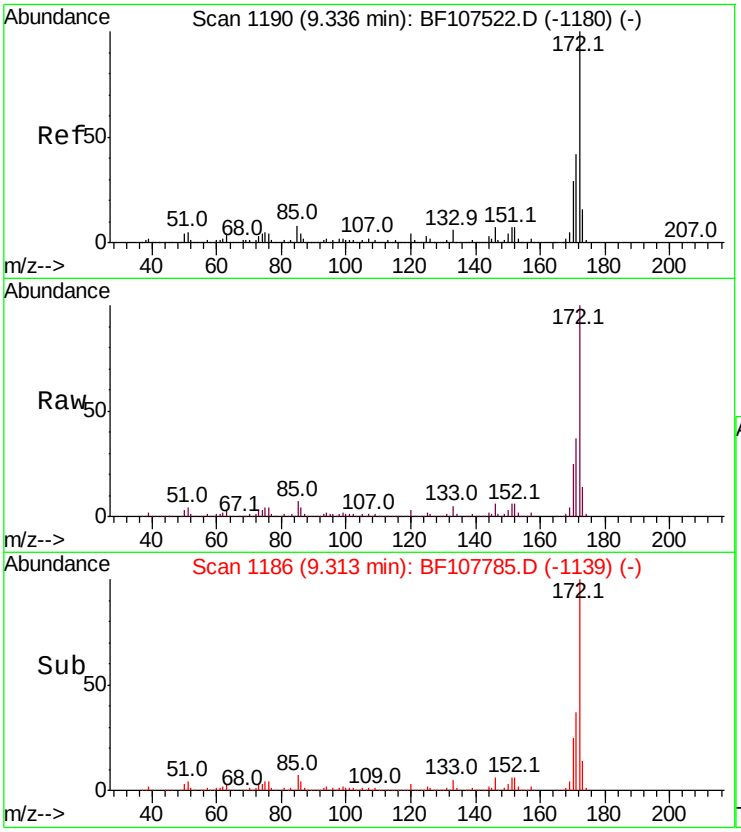


#41
2,4,6-Tribromophenol
Concen: 127.530 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:330 Resp: 314403

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.0	29.9	44.9#



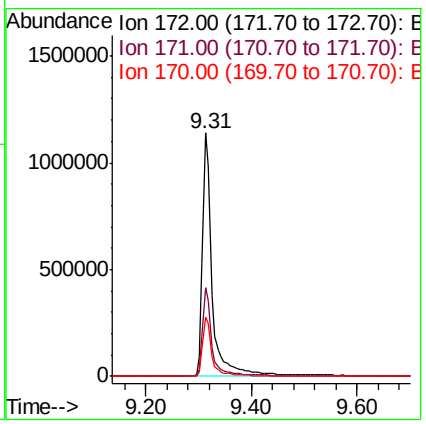


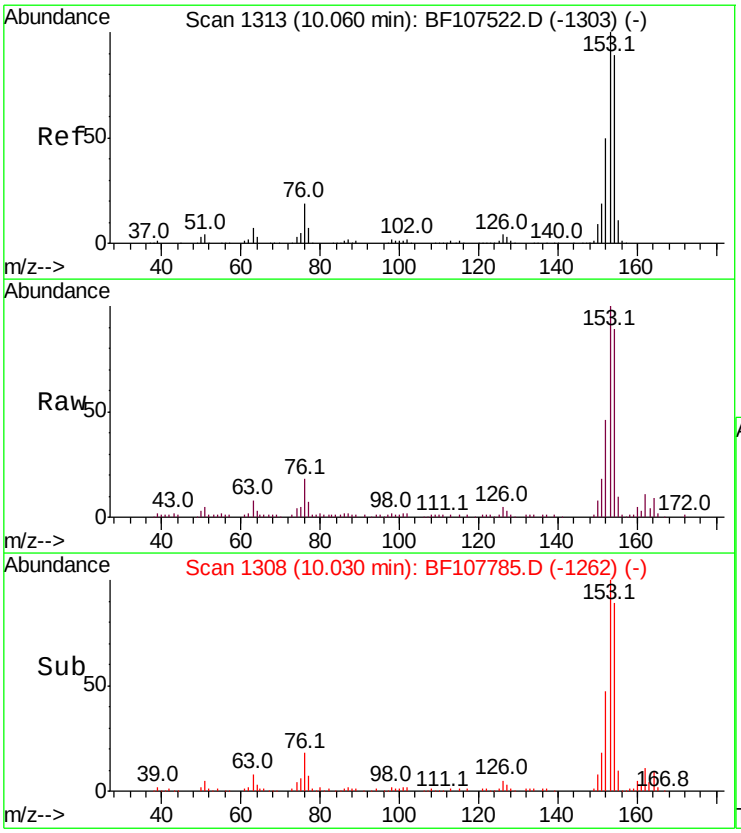
#44
2-Fluorobiphenyl
Concen: 138.084 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion:172 Resp: 1476077

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4

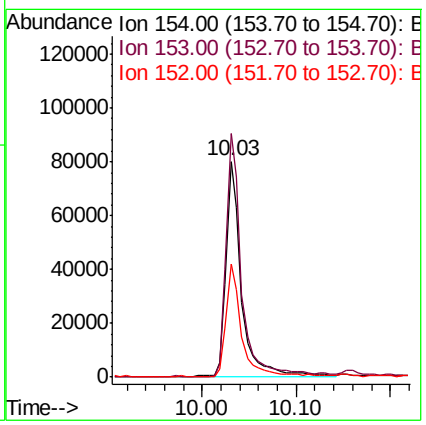


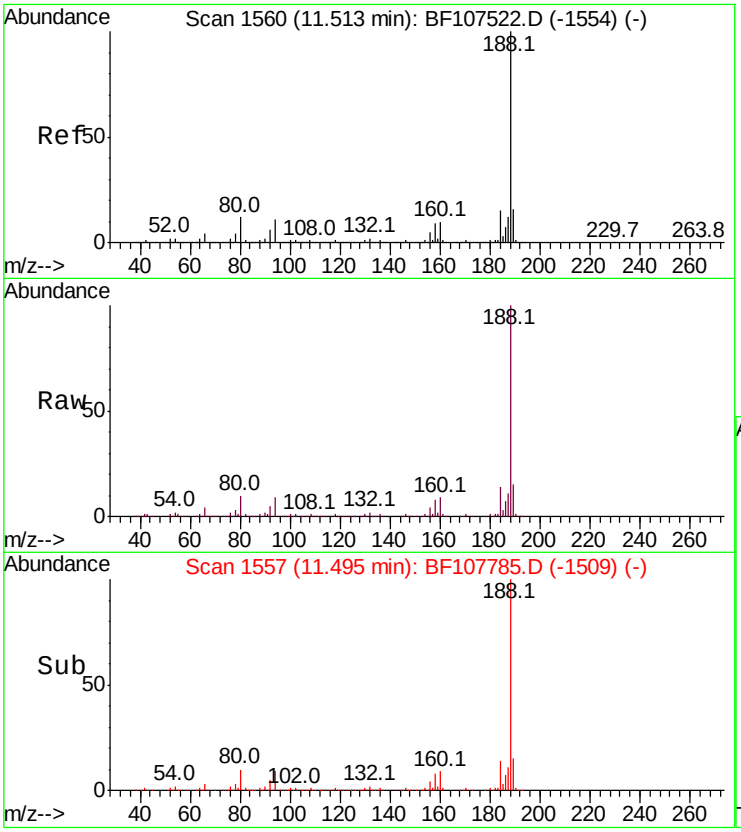


#51
Acenaphthene
Concen: 6.843 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:154 Resp: 92981

Ion	Ratio	Lower	Upper
154	100		
153	112.8	91.2	136.8
152	52.3	43.8	65.8



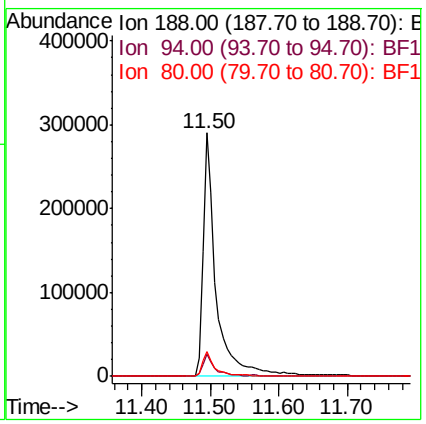


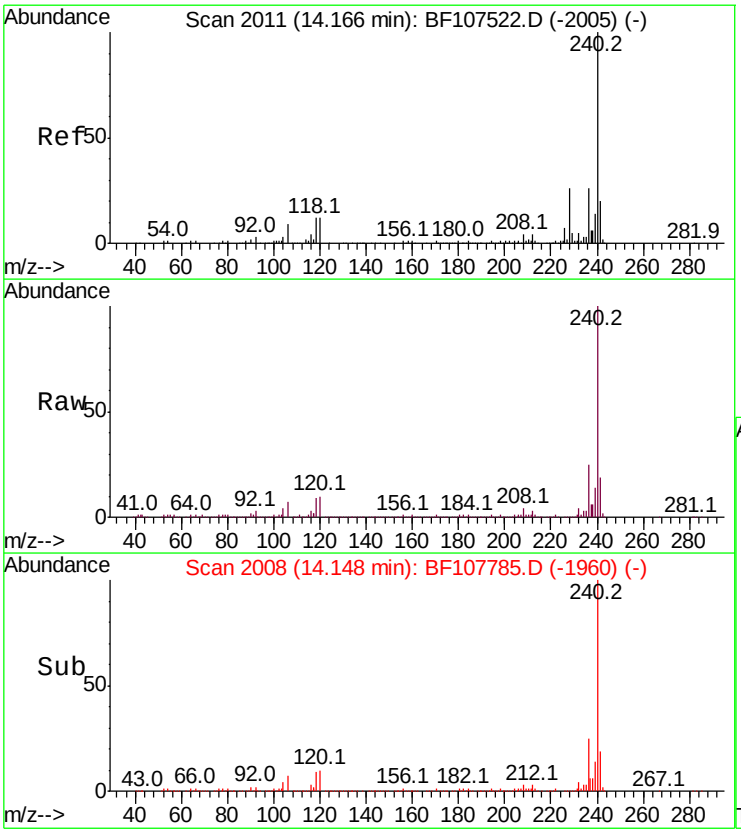
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion:188 Resp: 393095

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.1	9.2	13.8

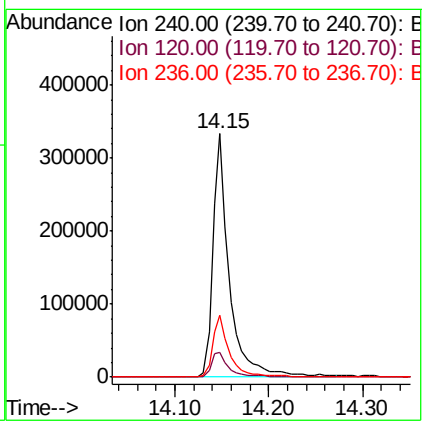


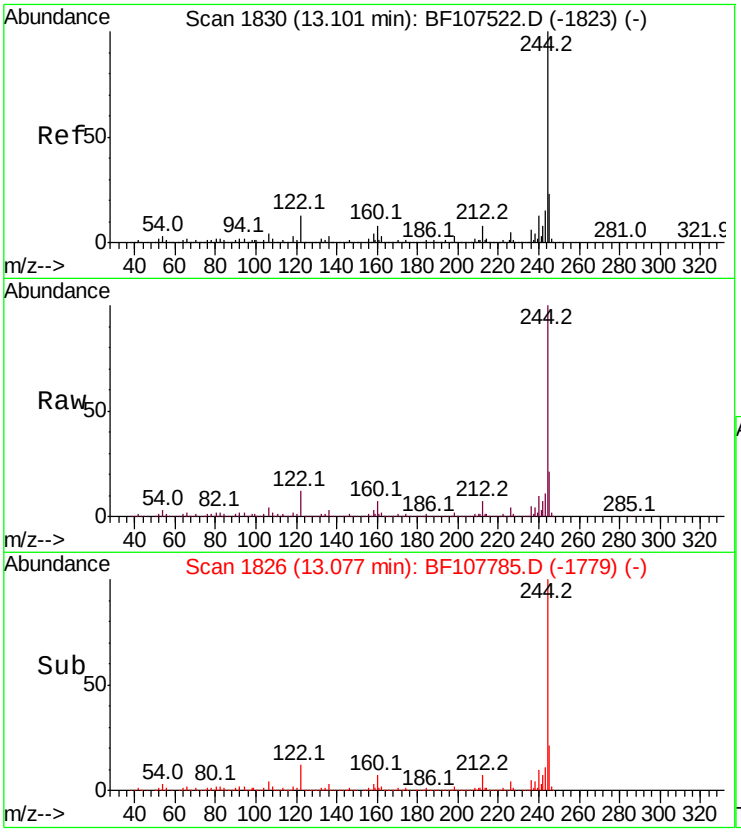


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:240 Resp: 409009

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.5	14.3
236	25.4	20.7	31.1



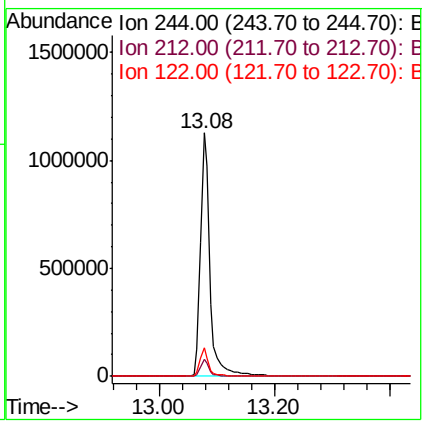


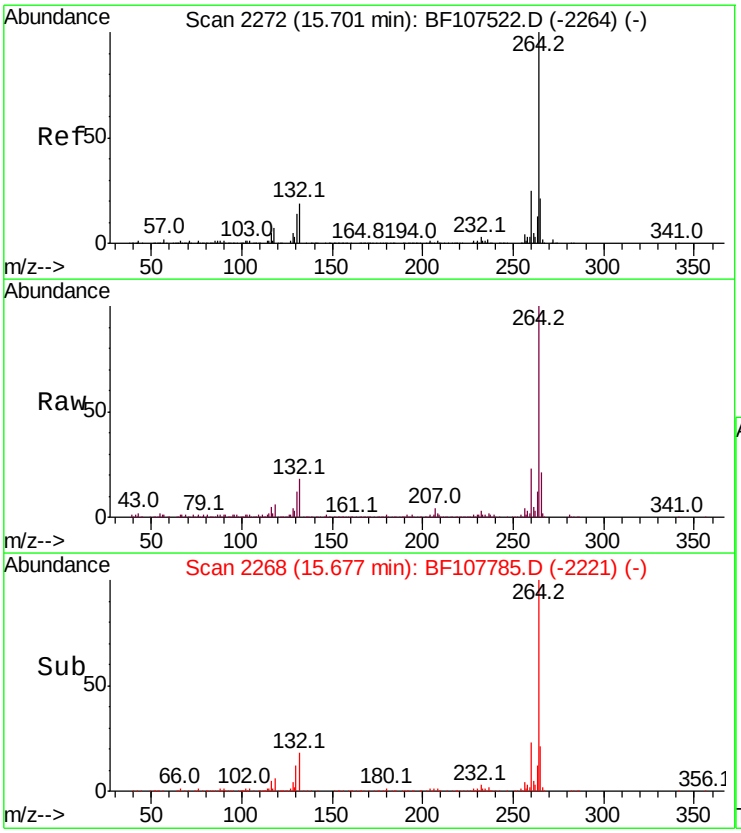
#78
Terphenyl-d14
Concen: 82.893 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Instrument :
BNA_F
ClientSampleId :
MW-A10

Tgt Ion:244 Resp: 1324327

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107785.D
Acq: 28 Jul 2018 9:36

Tgt Ion:264 Resp: 335257

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3