Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Time: Aug 02 10:20:32 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	114066	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	427160	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	203031	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	414474	20.00	ng	0.00
75) Chrysene-d12	14.15	240	381843	20.00	ng	0.00
86) Perylene-d12	15.69	264	381980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	423009	63.03	ng	0.00
7) Phenol-d6	6.60	99	348758	39.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	570422	76.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	347089	125.81	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1294528	88.85	ng	0.00
78) Terphenyl-d14	13.08	244	1364631	77.50	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.96	142	72983	5.851	ng	# 91
49) Dimethylphthalate	9.71	163	220436	14.457	ng	# 98

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

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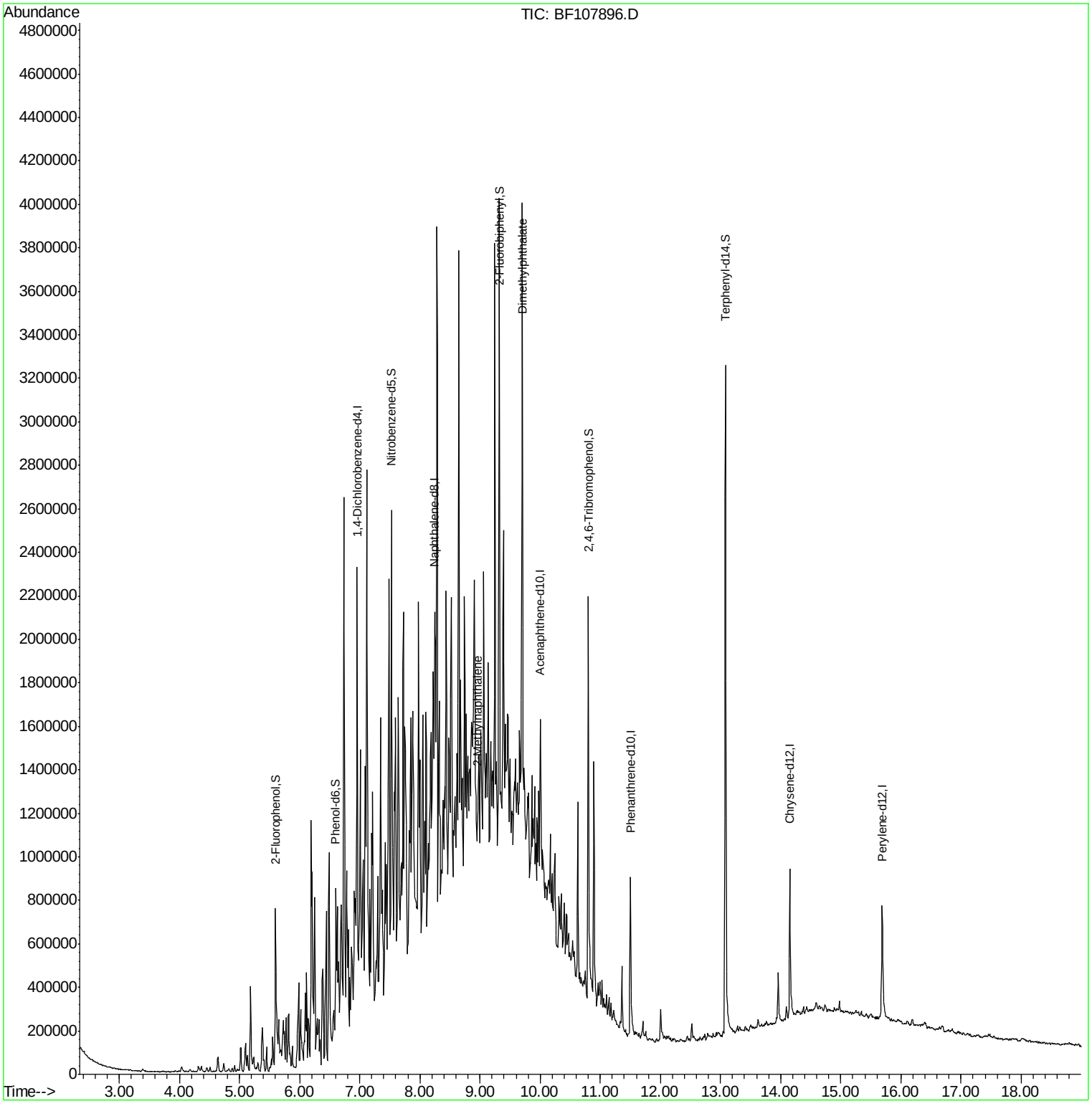
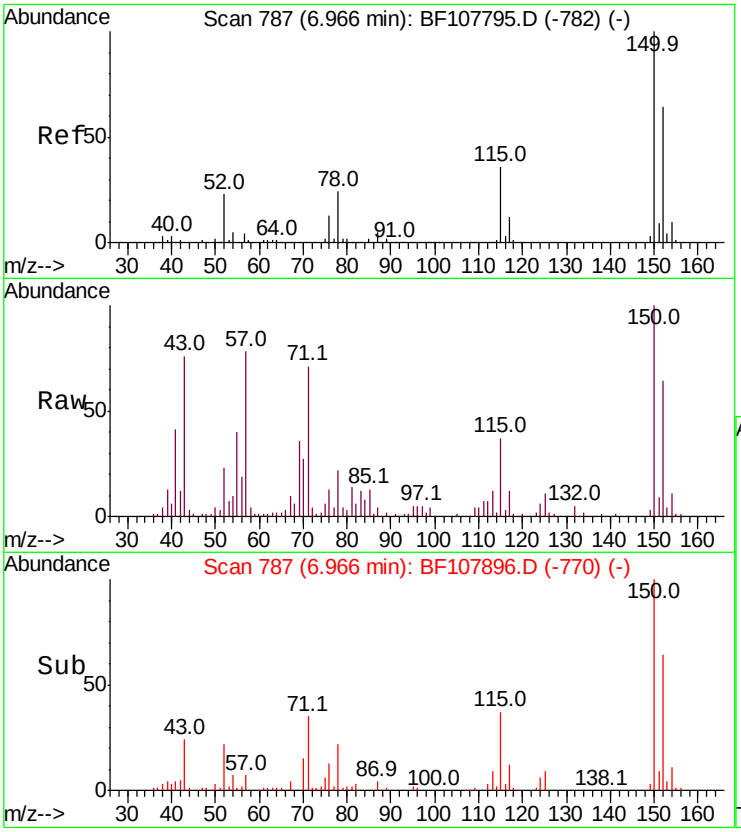


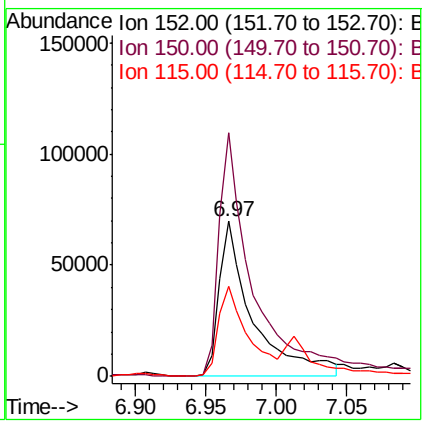


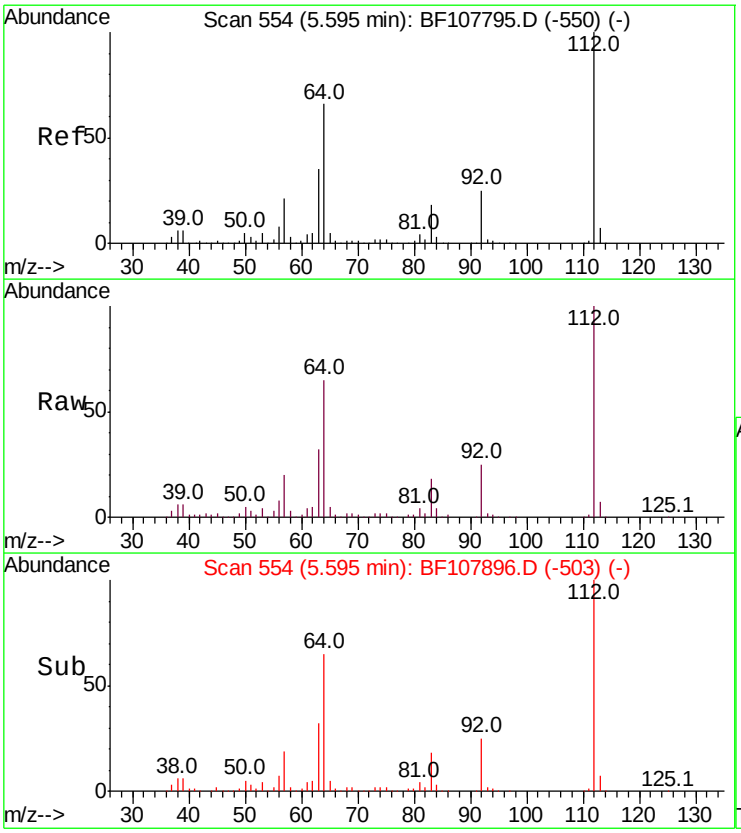
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:152 Resp: 114066

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.4	50.1	75.1

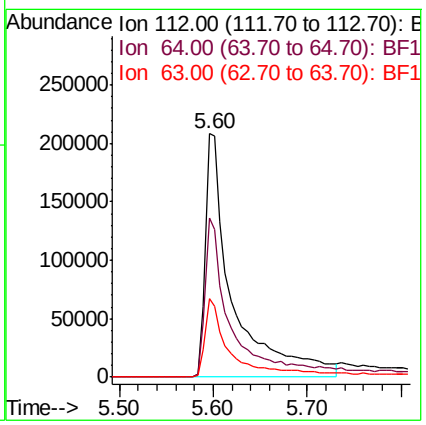


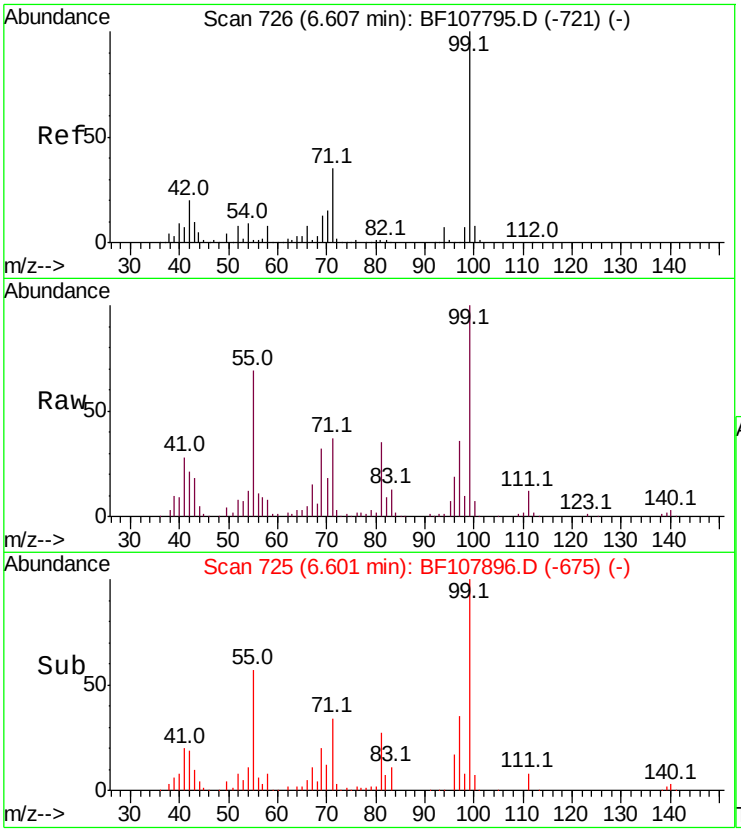


#5
2-Fluorophenol
Concen: 63.027 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:112 Resp: 423009

Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	32.5	23.7	35.5



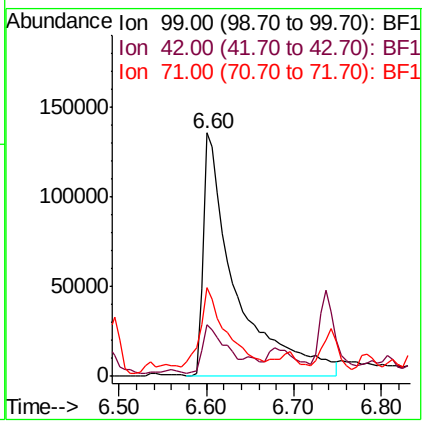


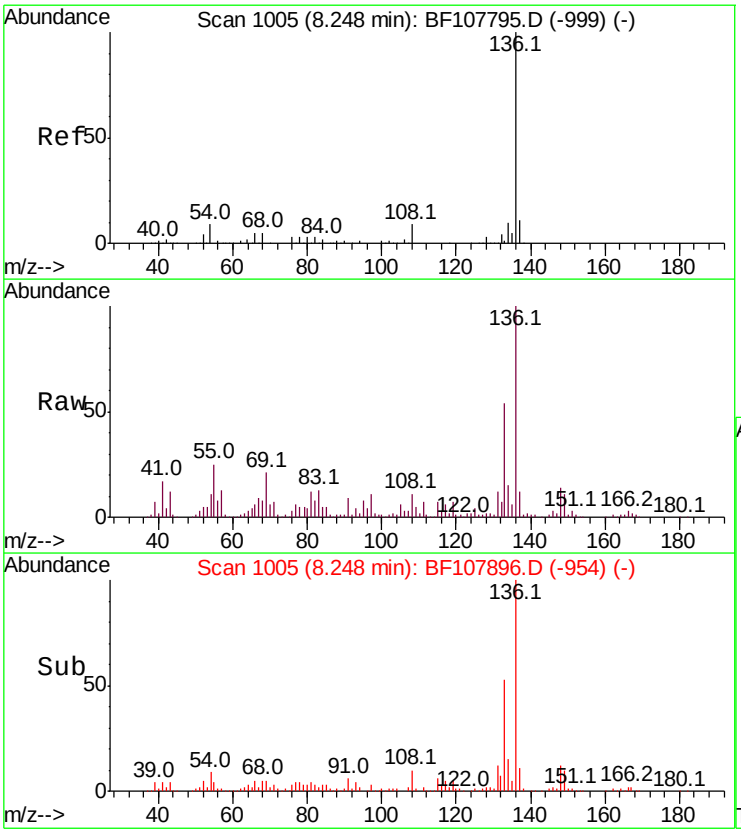
#7
Phenol-d6
Concen: 39.428 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 99 Resp: 348758

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	36.7	25.4	38.0

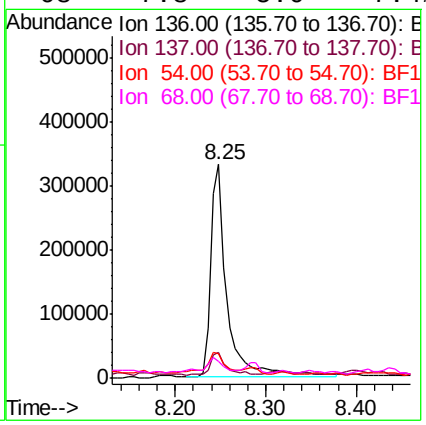


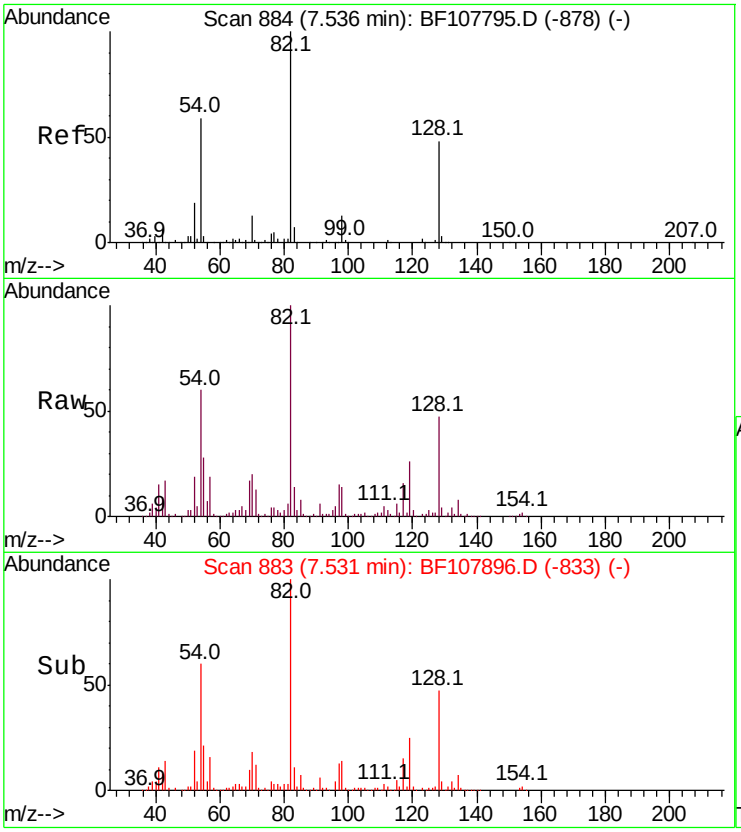


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:136 Resp: 427160

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	11.2	6.6	9.8#
68	7.8	5.0	7.4#



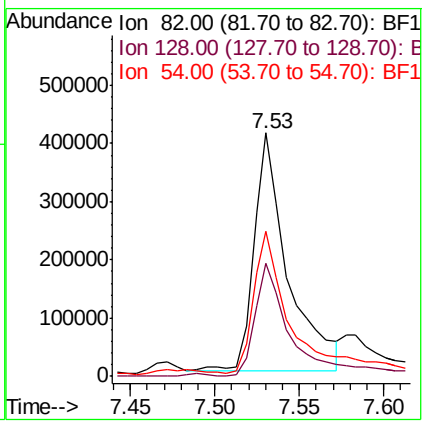


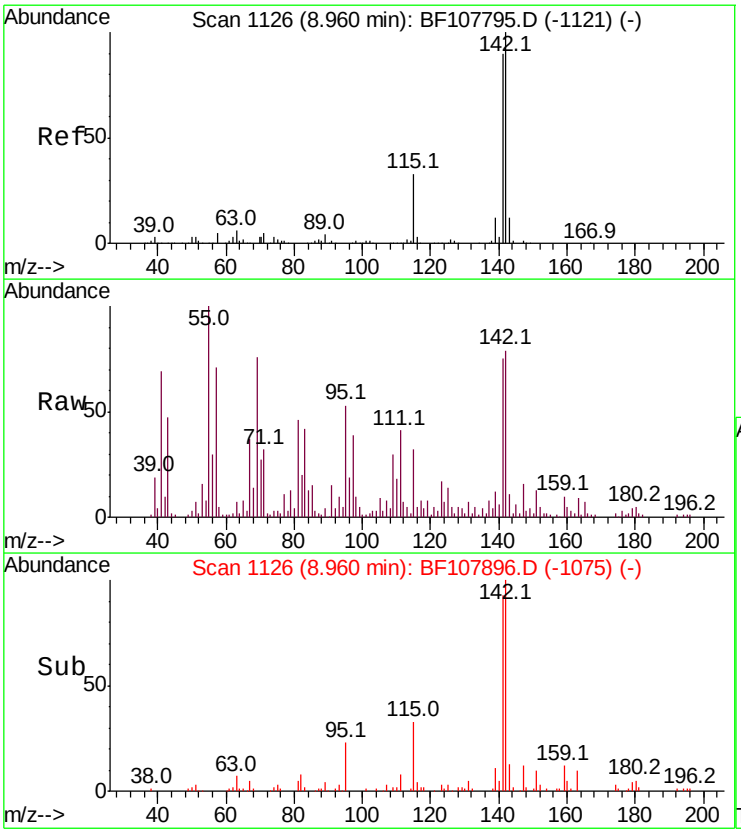
#23
Nitrobenzene-d5
Concen: 76.932 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion: 82 Resp: 570422

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	59.8	41.4	62.2

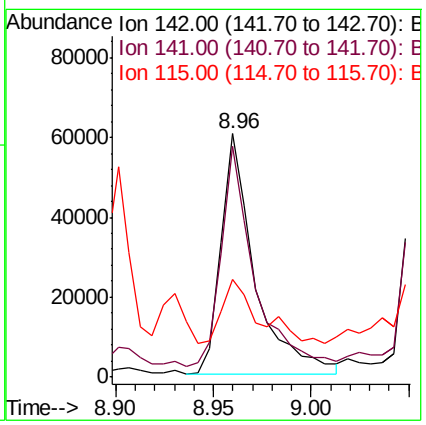


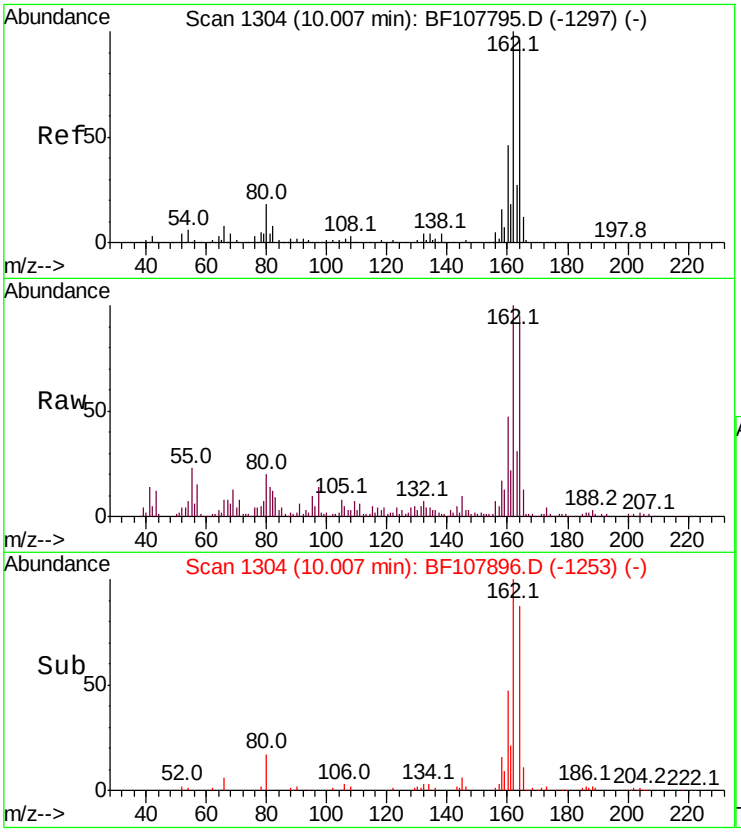


#37
2-Methylnaphthalene
Concen: 5.851 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:142 Resp: 72983

Ion	Ratio	Lower	Upper
142	100		
141	94.9	70.8	106.2
115	40.0	26.1	39.1#



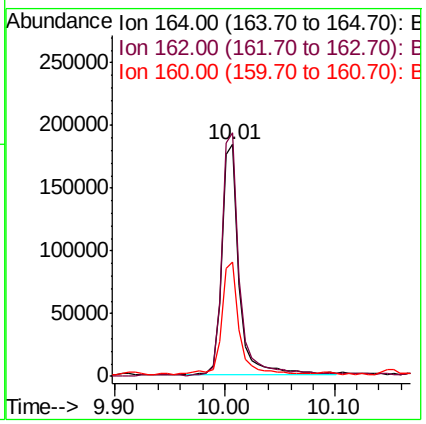


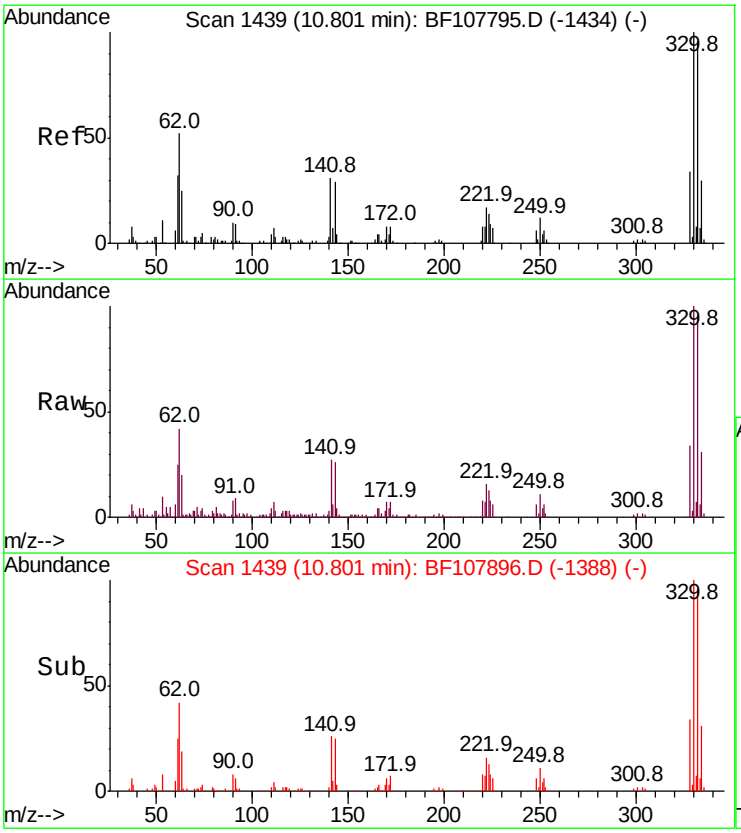
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:164 Resp: 203031

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	49.5	38.3	57.5

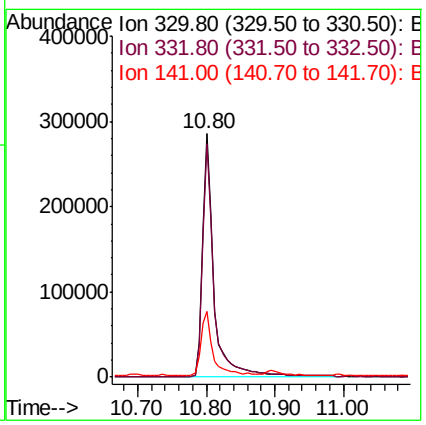


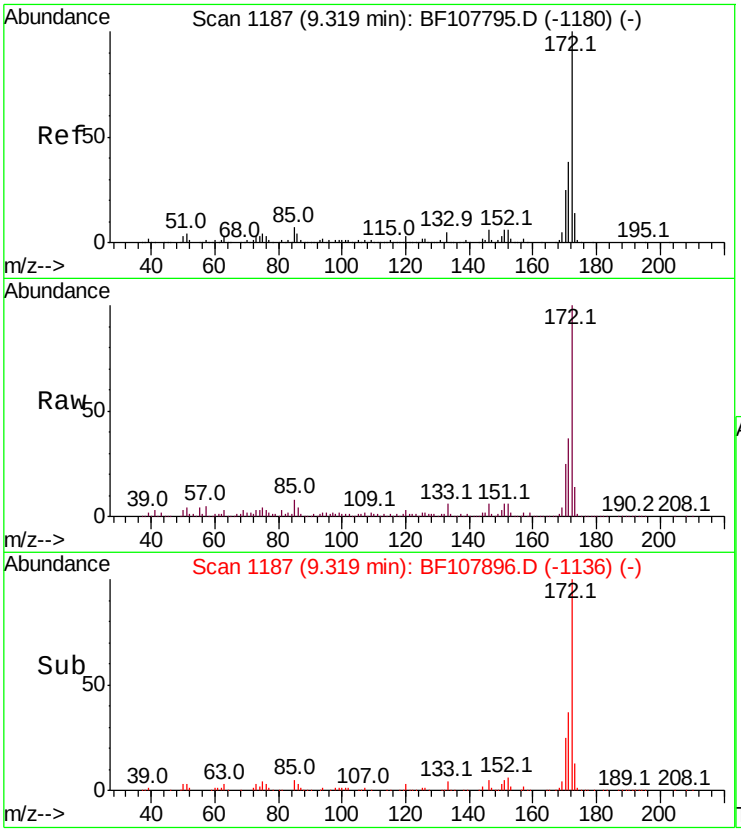


#41
2,4,6-Tribromophenol
Concen: 125.812 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:330 Resp: 347089

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	26.6	29.9	44.9#



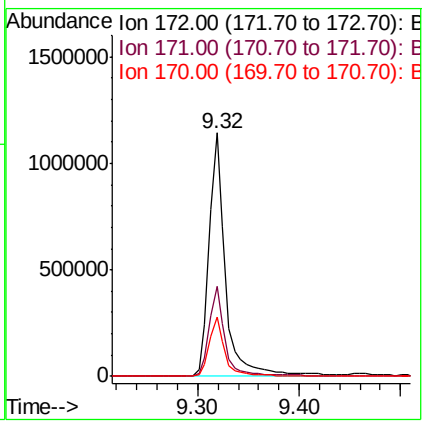


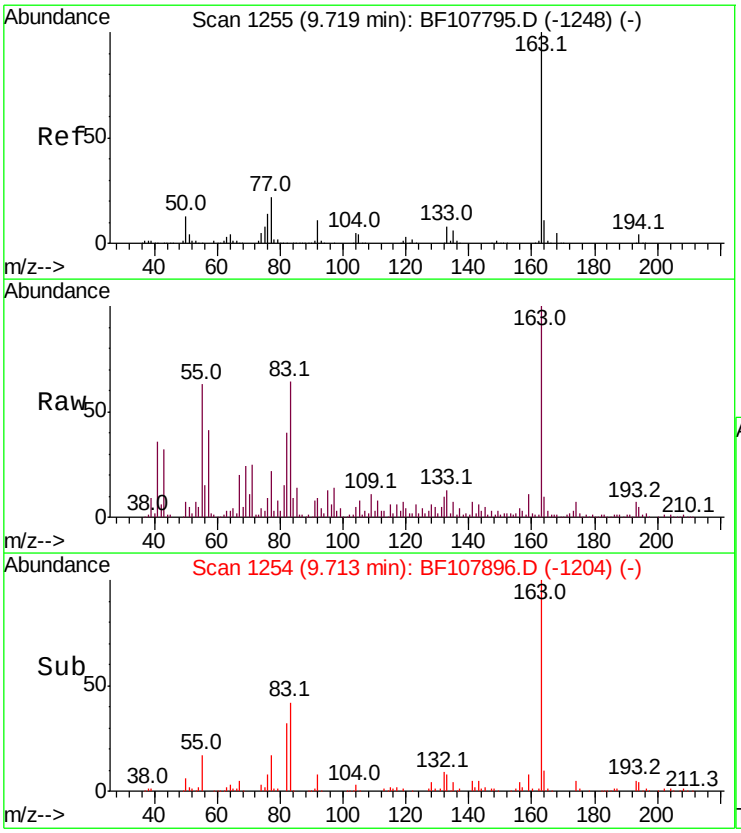
#44
2-Fluorobiphenyl
Concen: 88.849 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:172 Resp: 1294528

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.6	19.6	29.4

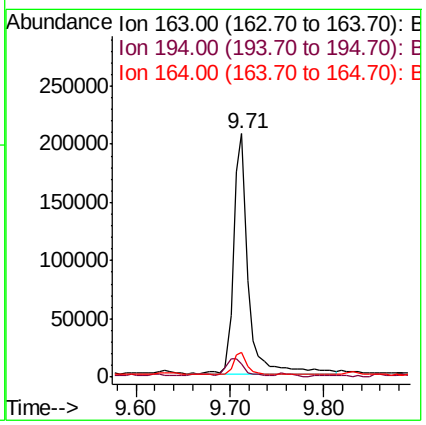


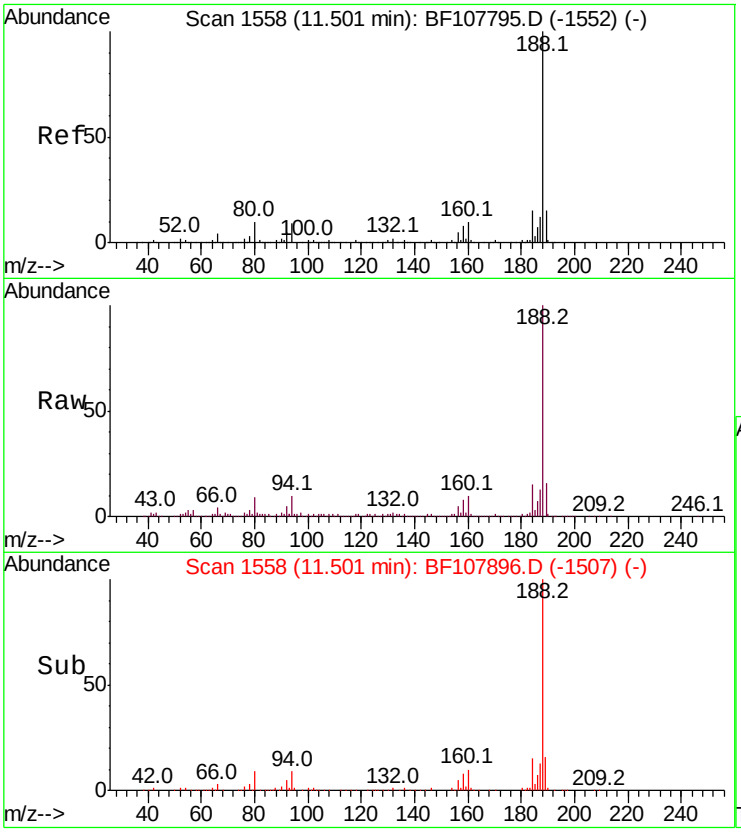


#49
Dimethylphthalate
Concen: 14.457 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:163 Resp: 220436

Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	10.0	8.2	12.2



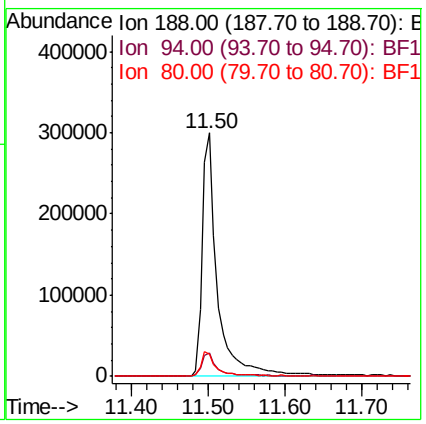


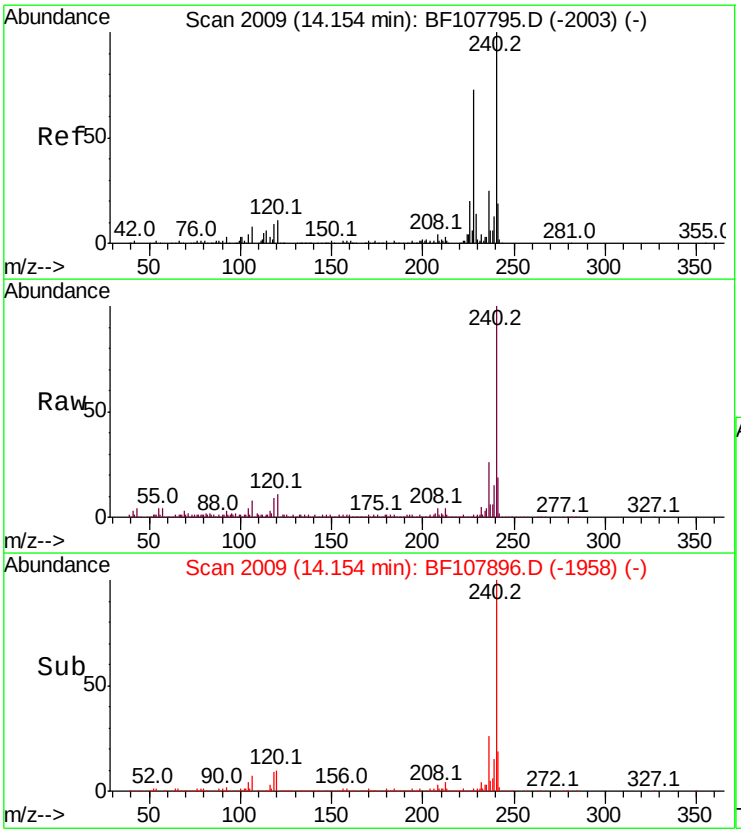
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 414474

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.3	9.2	13.8

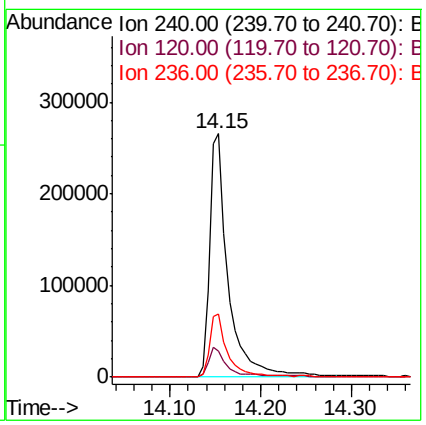


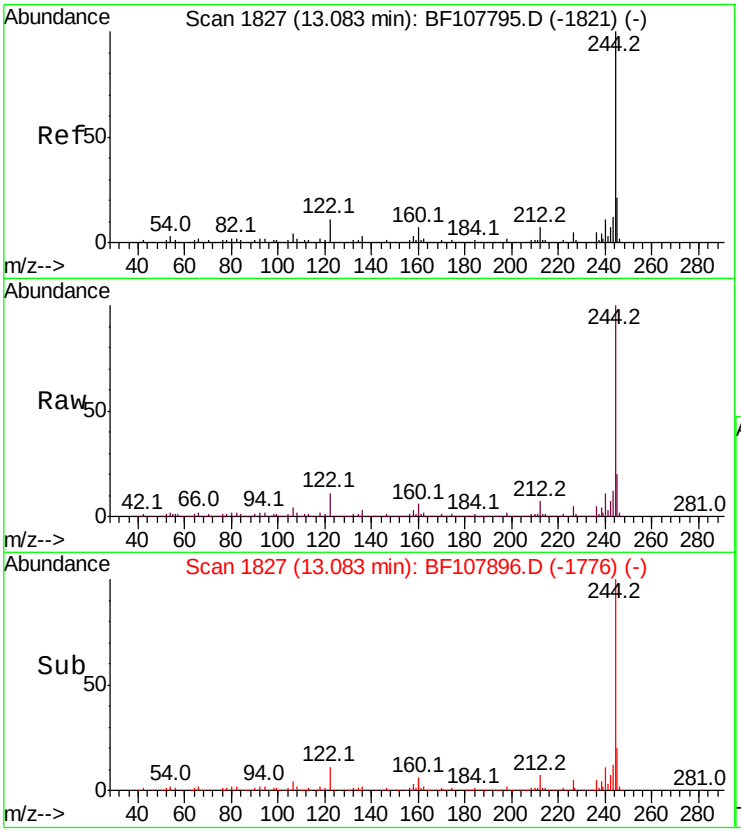


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:240 Resp: 381843

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.1	20.7	31.1



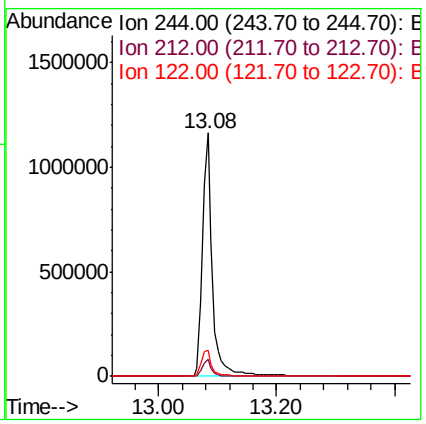


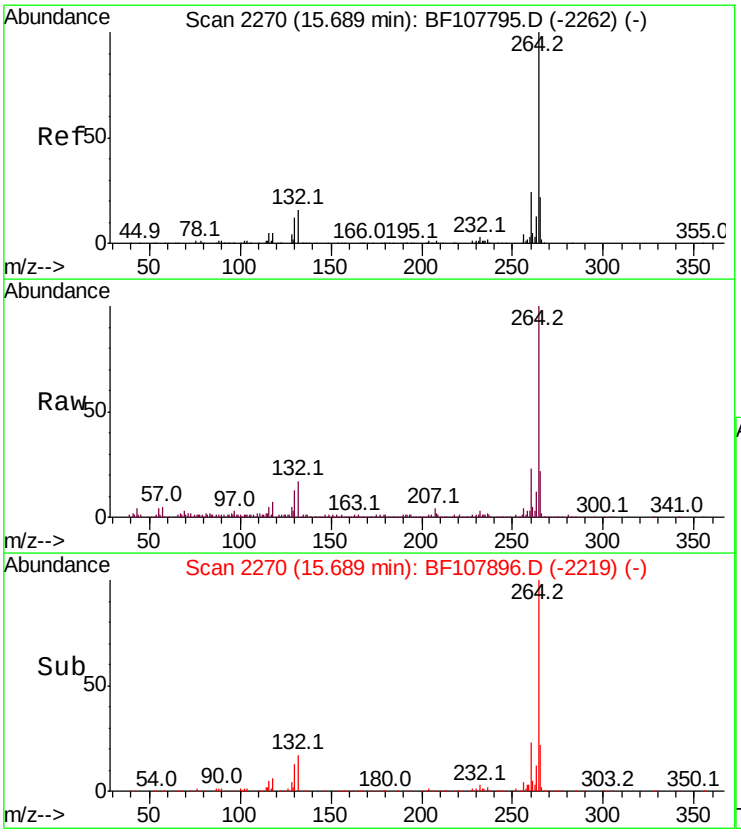
#78
Terphenyl-d14
Concen: 77.495 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:244 Resp: 1364631

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: 15.69 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF107896.D
Acq: 1 Aug 2018 18:28

Tgt Ion:264 Resp: 381980

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.2	17.5	26.3