Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107910.D
Acq On : 2 Aug 2018 15:40
Operator : JU/SJ
Sample : J4267-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-W

Quant Time: Aug 02 17:17:07 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	6.95	152	147868	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	565026	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	224404	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	379612	20.00	ng	0.00
75) Chrysene-d12	14.15	240	354994	20.00	ng	0.00
86) Perylene-d12	15.68	264	385454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	809792	93.07	ng	0.00
7) Phenol-d6	6.60	99	1055964	92.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	591198	60.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	251920	82.62	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1083279	67.27	ng	-0.01
78) Terphenyl-d14	13.08	244	952621	58.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	114630	6.802	ng	# 95
74) Fluoranthene	12.71	202	56790	2.682	ng	88
77) Pyrene	12.95	202	83735	3.276	ng	# 90

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

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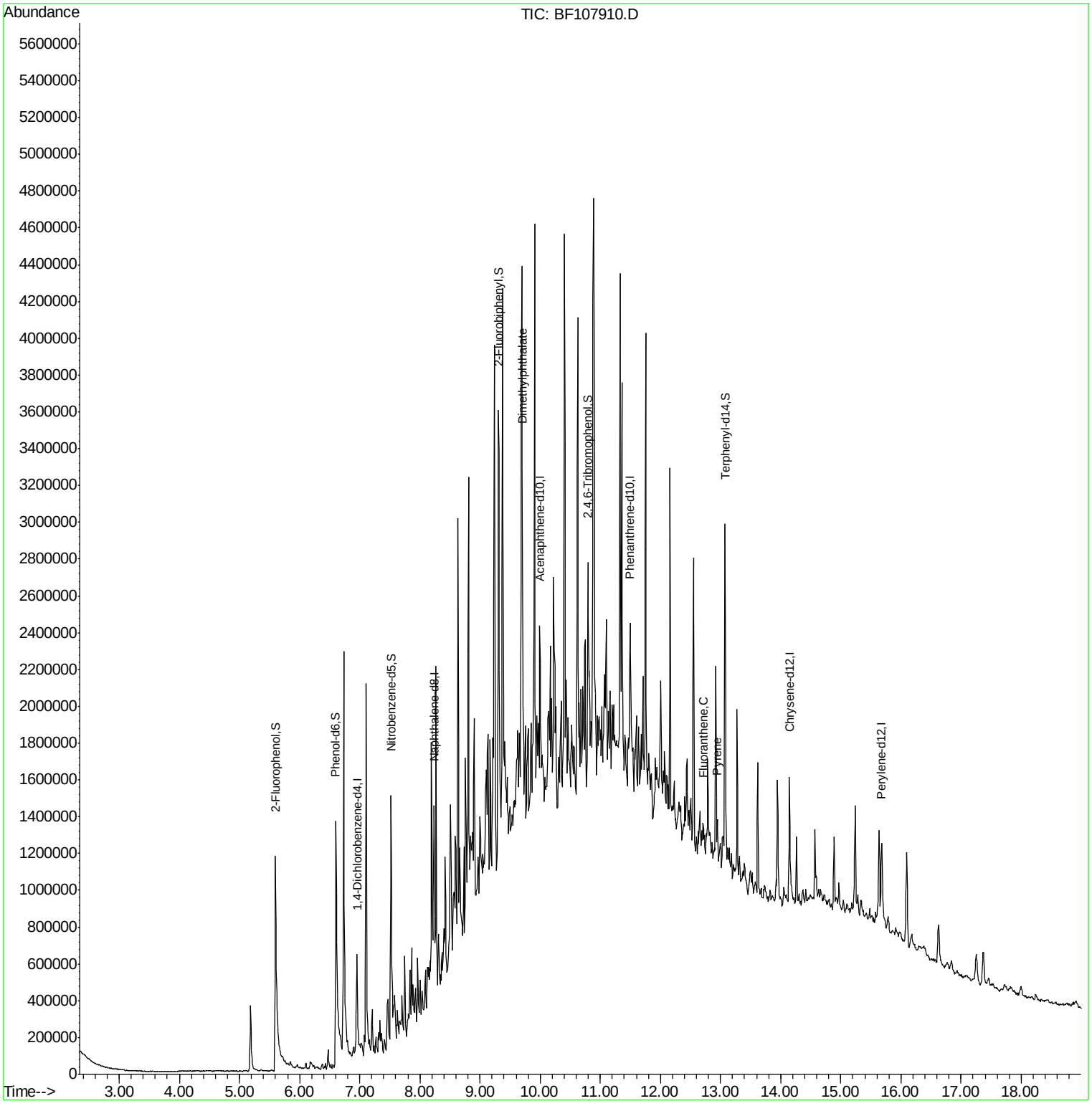
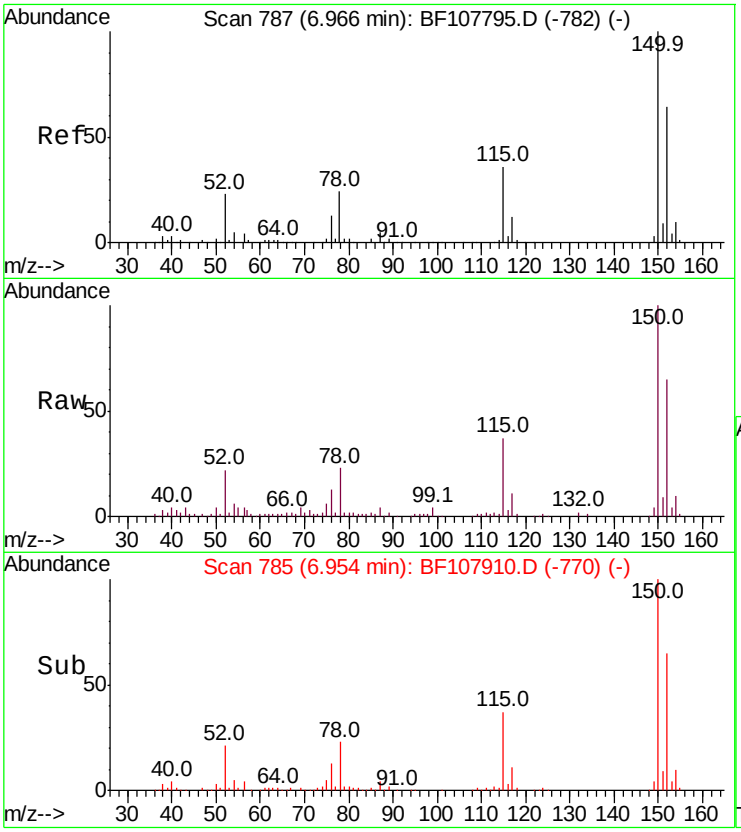


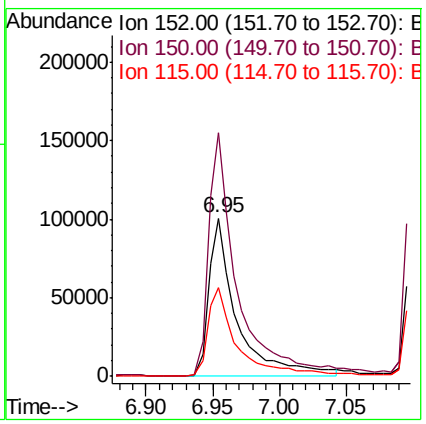


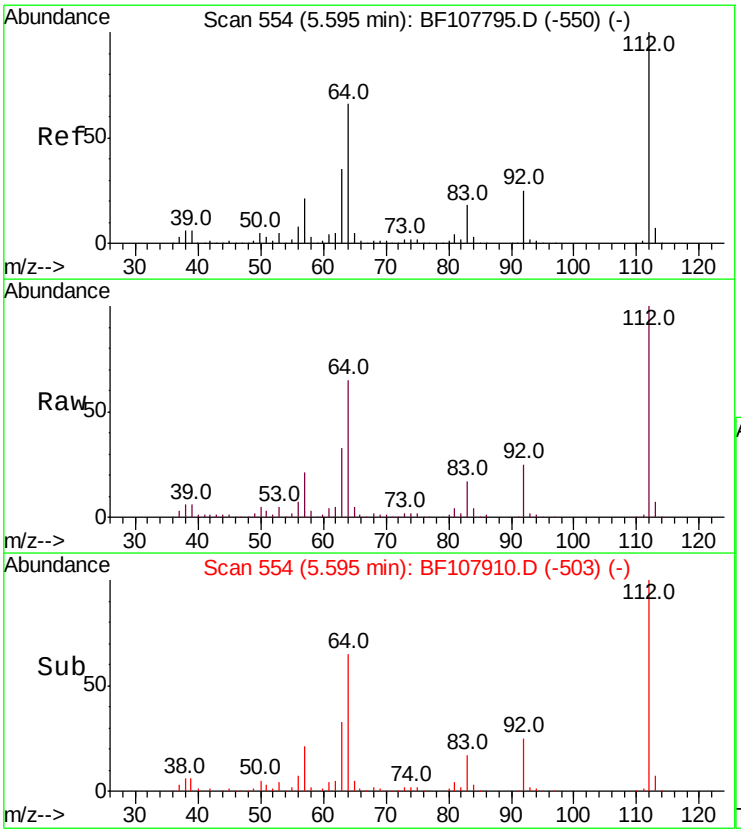
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:152 Resp: 147868

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	56.6	50.1	75.1

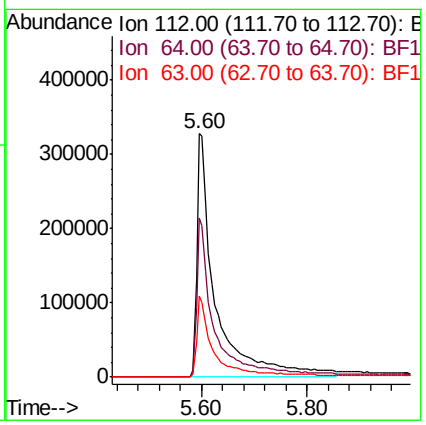


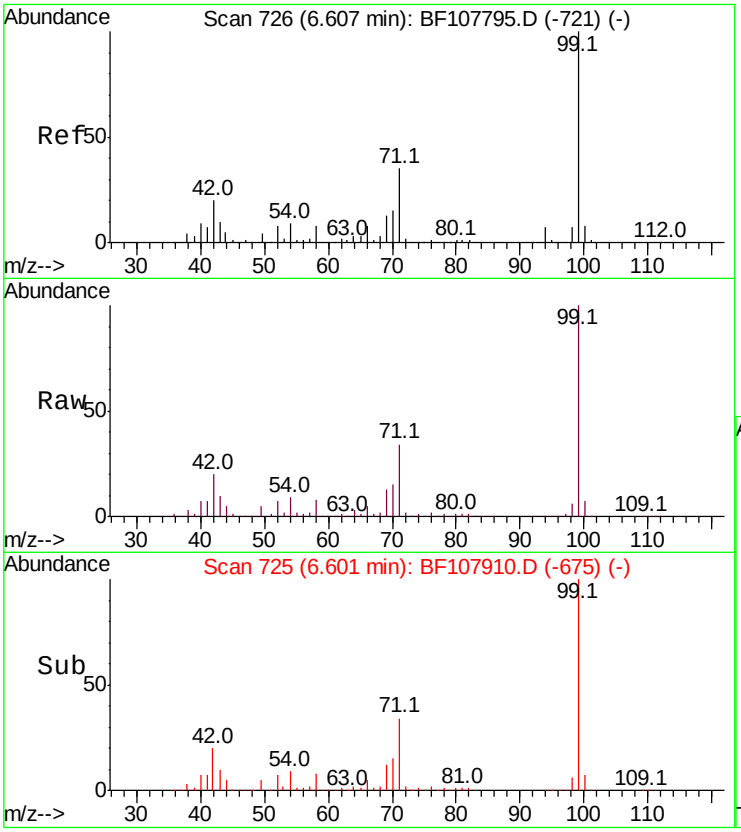


#5
2-Fluorophenol
Concen: 93.075 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:112 Resp: 809792

Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	33.3	23.7	35.5



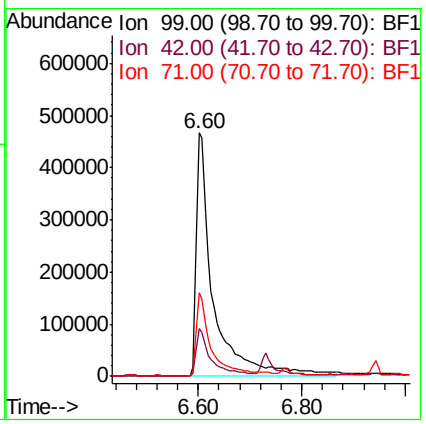


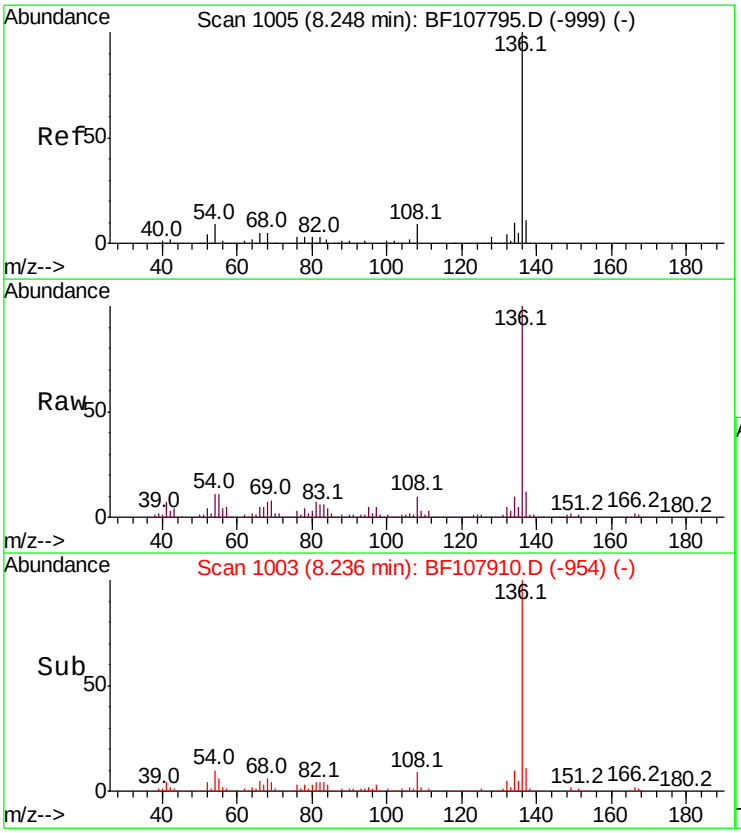
#7
Phenol-d6
Concen: 92.090 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion: 99 Resp: 1055964

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	34.3	25.4	38.0

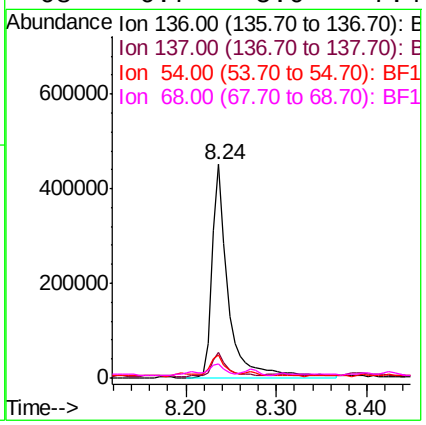


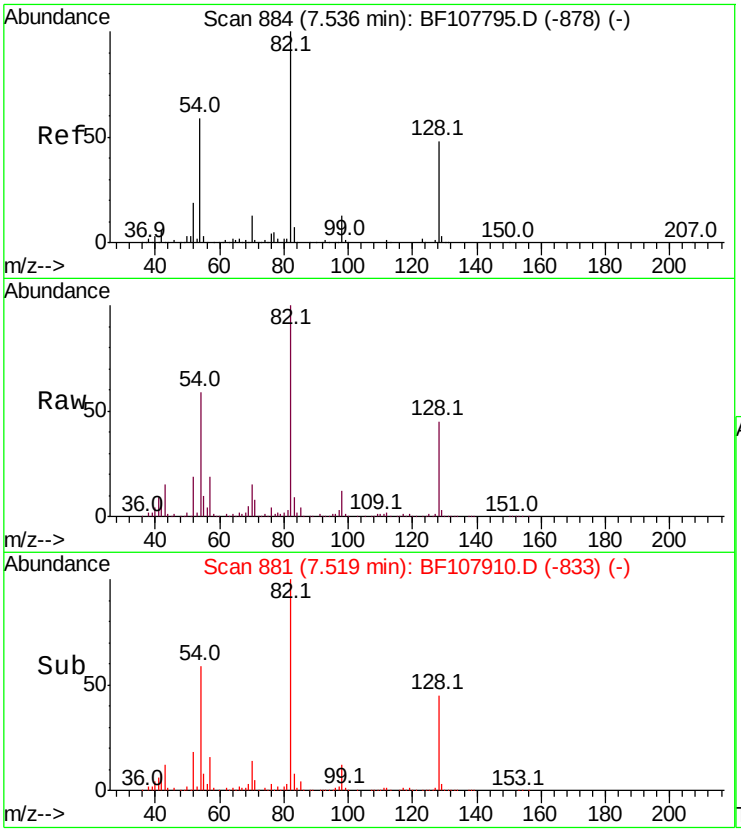


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:136 Resp: 565026

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.5	6.6	9.8#
68	6.7	5.0	7.4



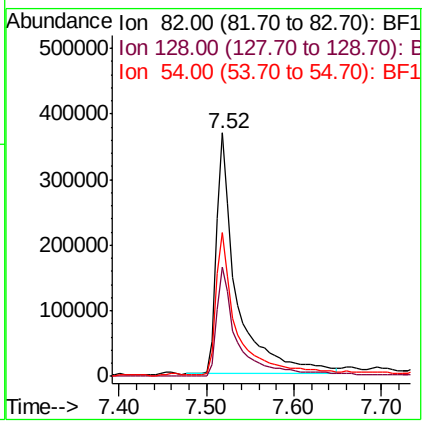


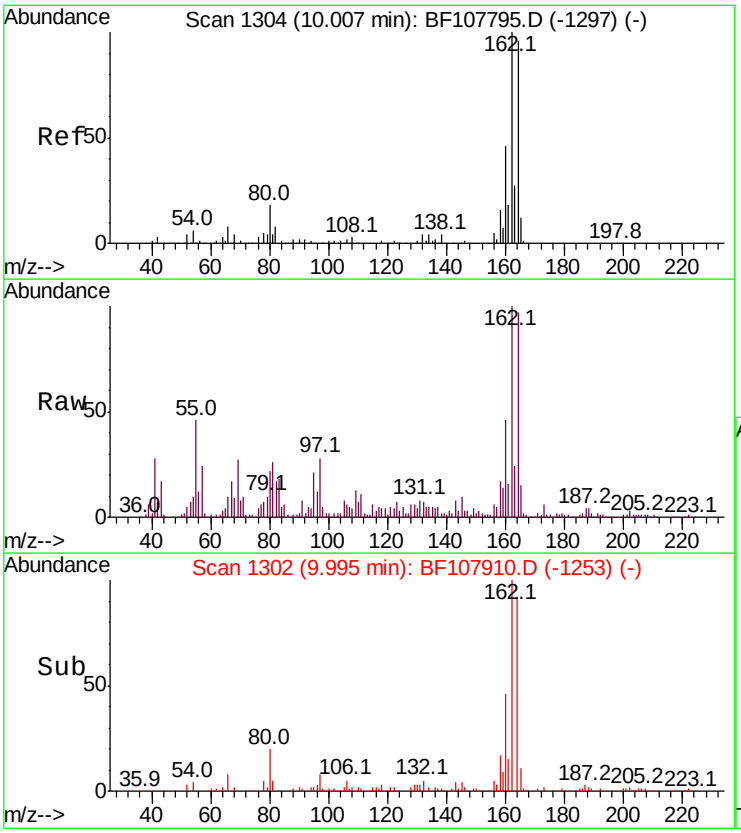
#23
Nitrobenzene-d5
Concen: 60.279 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion: 82 Resp: 591198

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	58.8	41.4	62.2

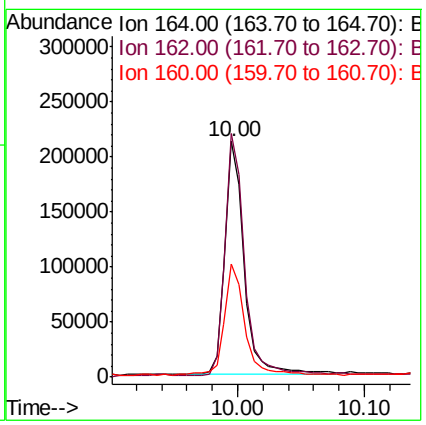


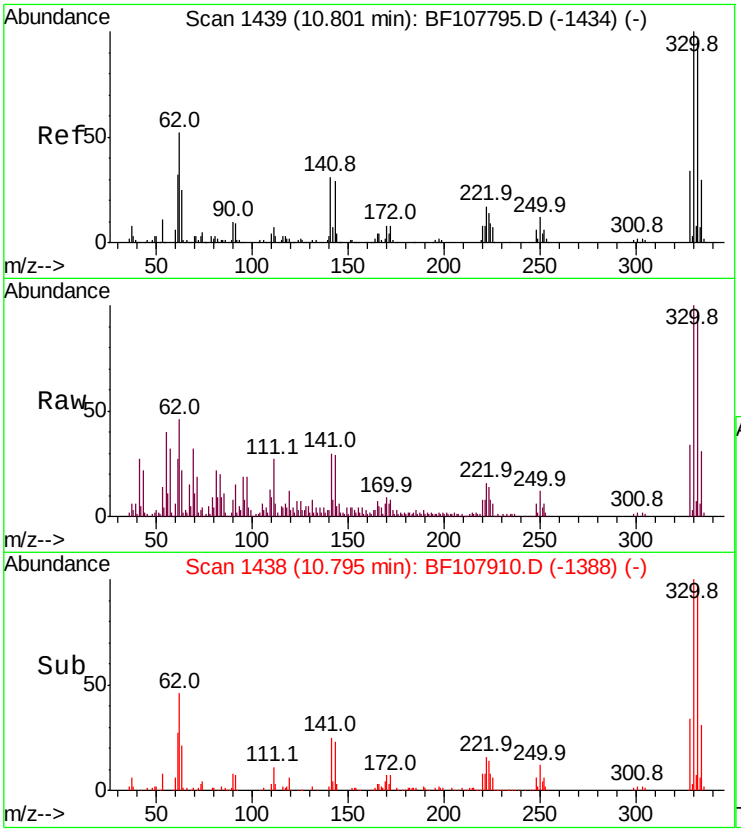


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:164 Resp: 224404

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.8	38.3	57.5



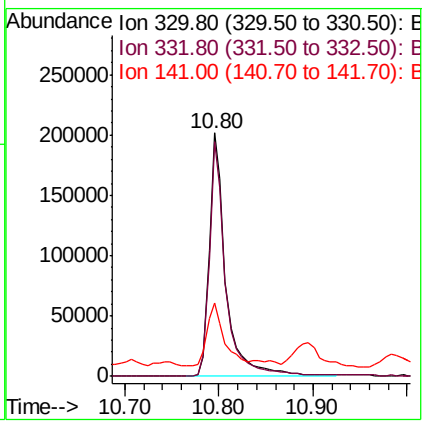


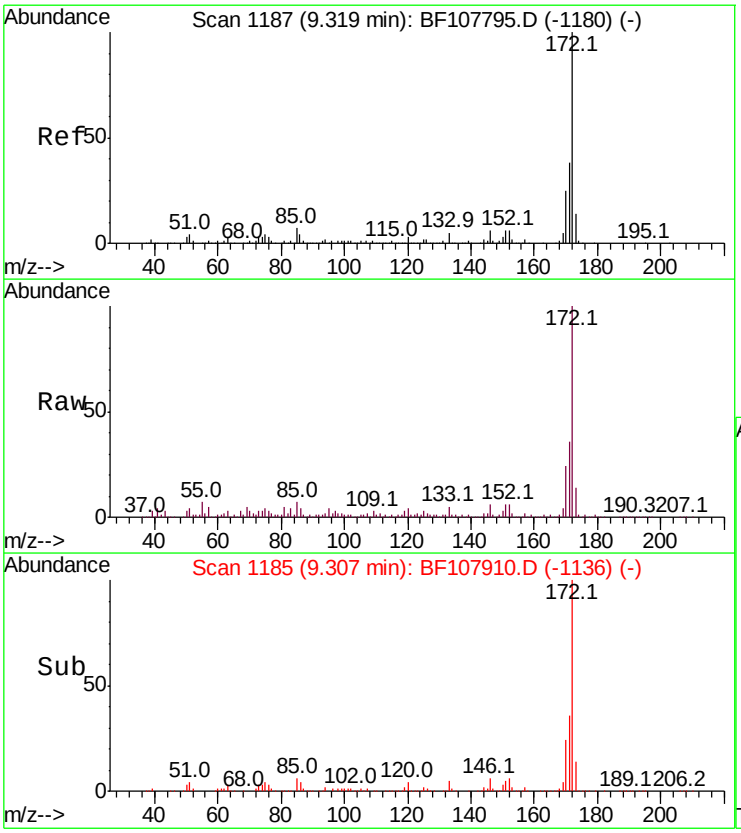
#41
2,4,6-Tribromophenol
Concen: 82.618 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:330 Resp: 251920

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	26.4	29.9	44.9#

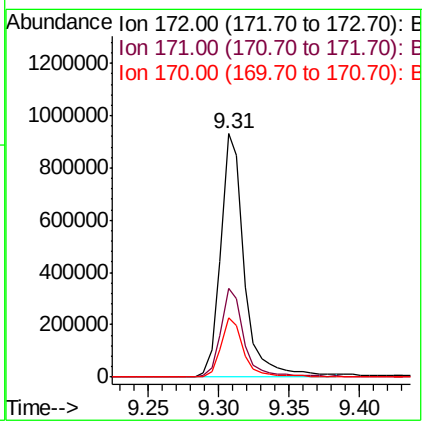


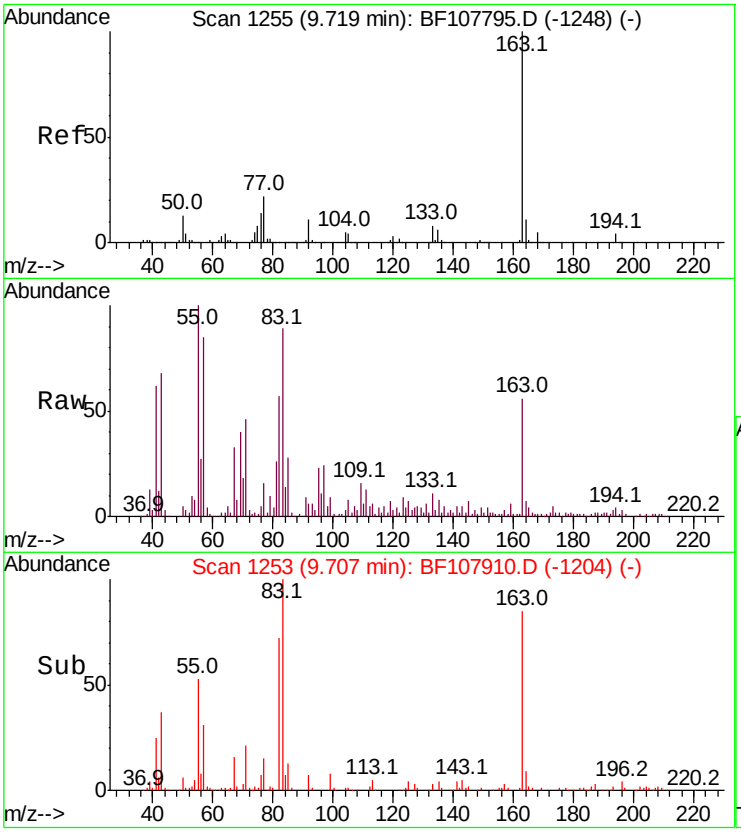


#44
2-Fluorobiphenyl
Concen: 67.269 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:172 Resp: 1083279

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	19.6	29.4



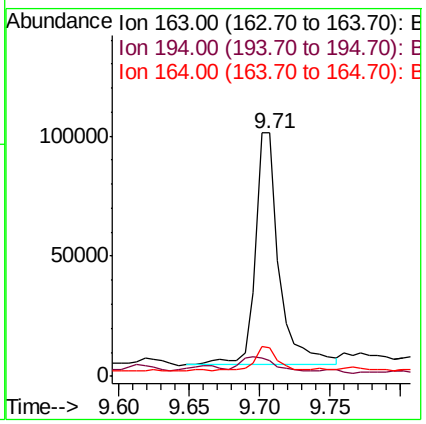


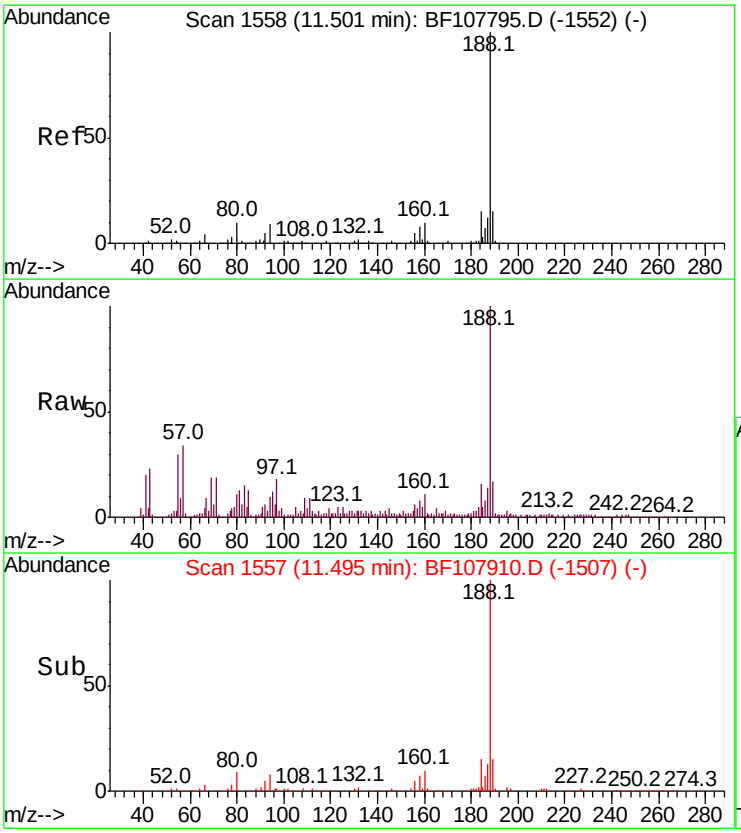
#49
Dimethylphthalate
Concen: 6.802 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:163 Resp: 114630

Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.7	4.1#
164	11.6	8.2	12.2

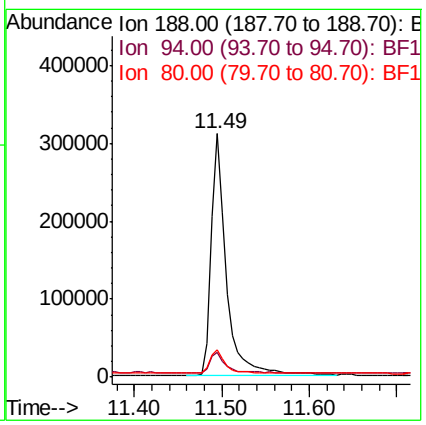


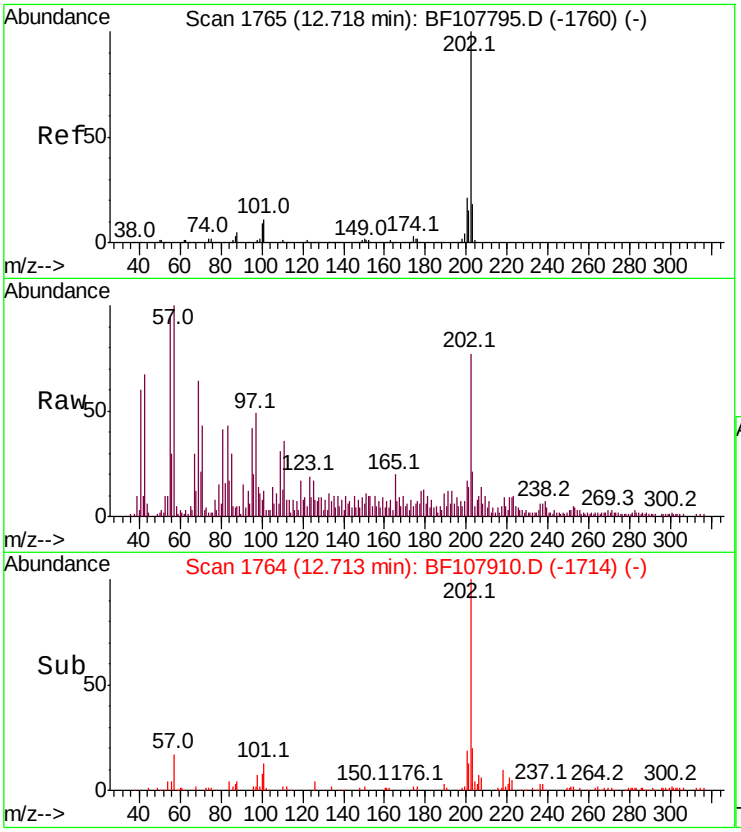


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:188 Resp: 379612

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.0	9.2	13.8



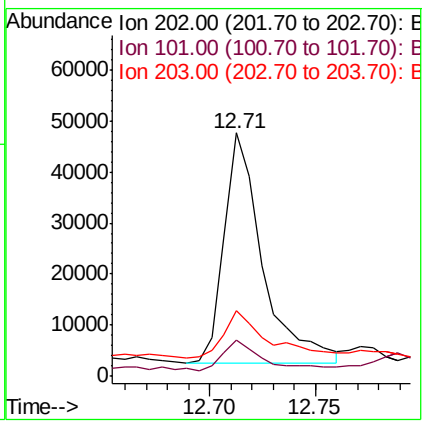


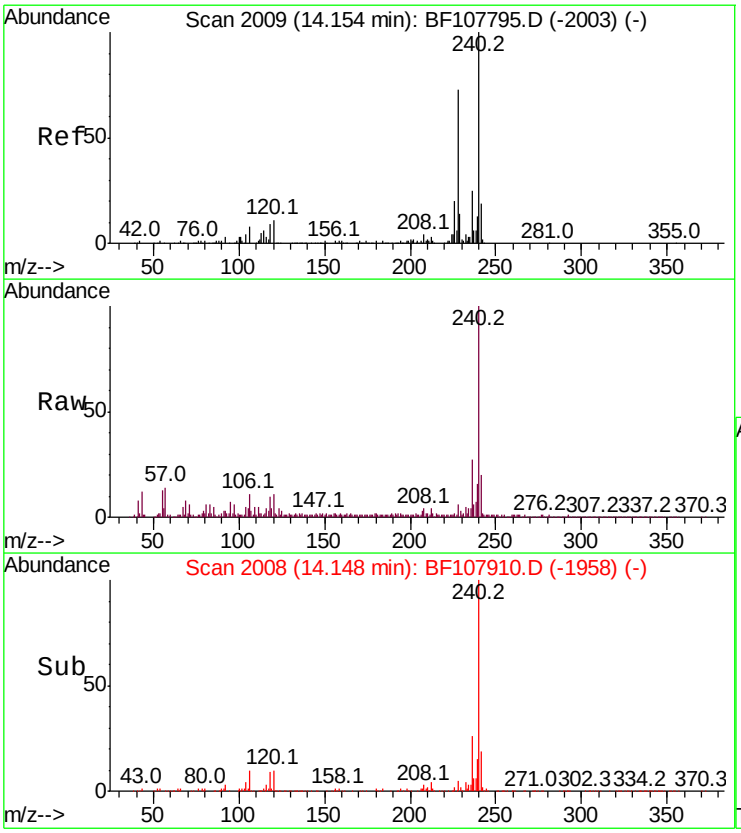
#74
Fluoranthene
Concen: 2.682 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:202 Resp: 56790

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	27.1	0.0	38.1

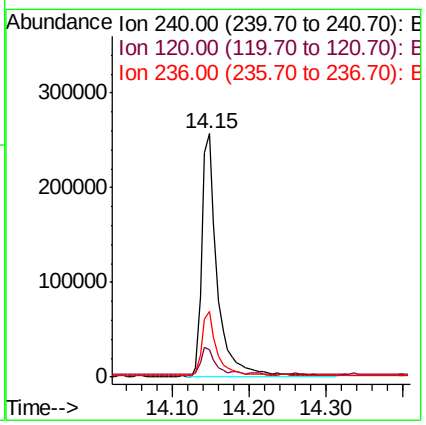


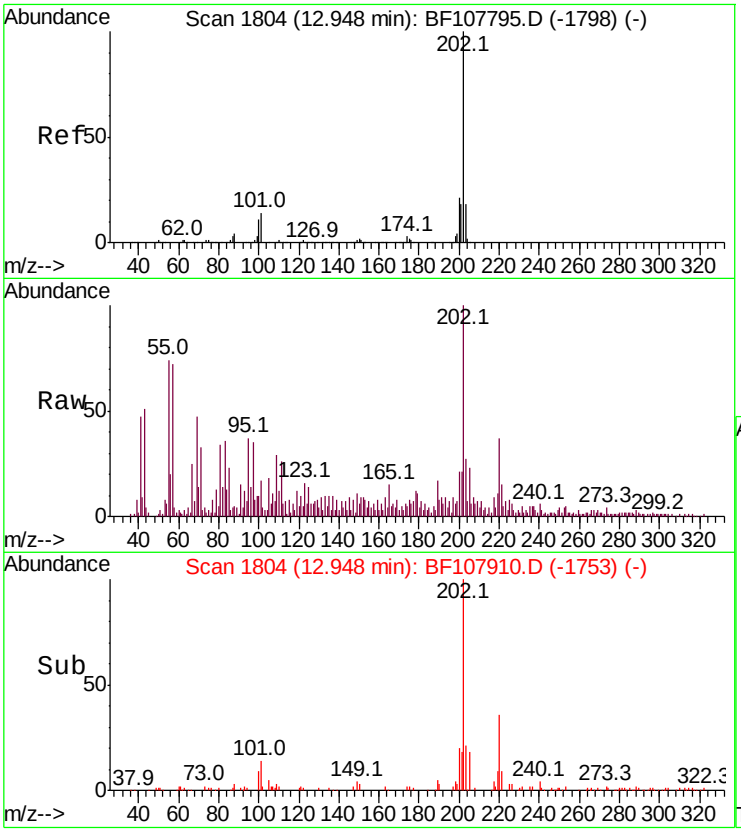


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:240 Resp: 354994

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	27.0	20.7	31.1



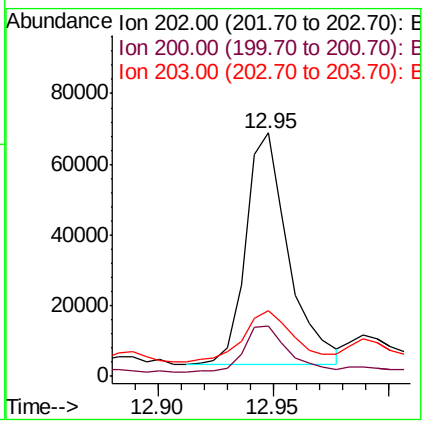


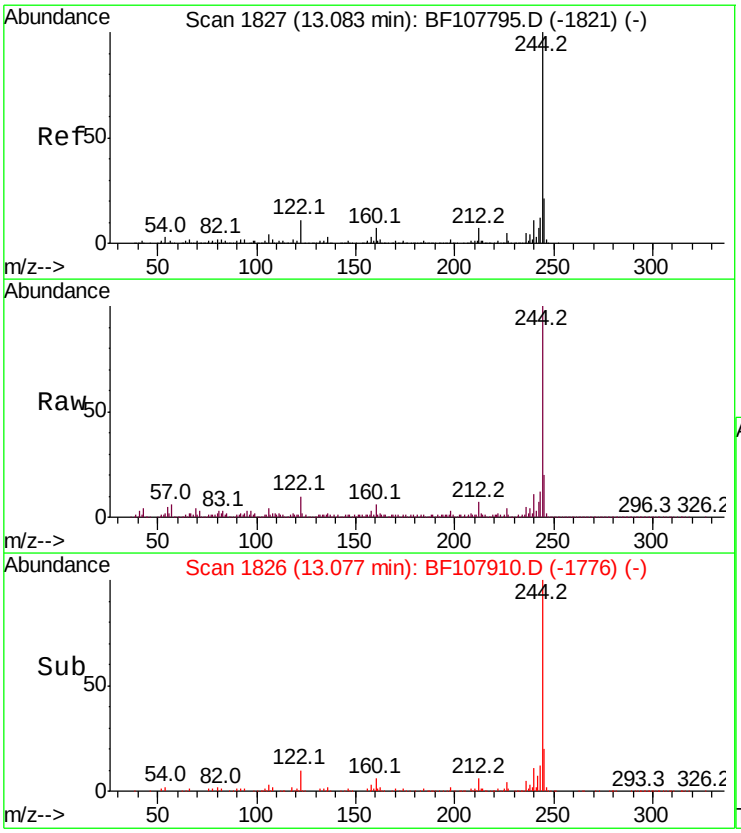
#77
Pyrene
Concen: 3.276 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:202 Resp: 83735

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	26.8	14.3	21.5#

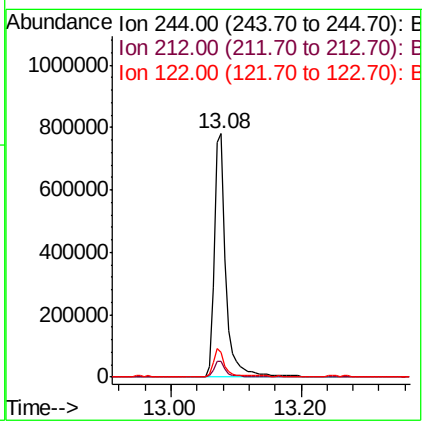


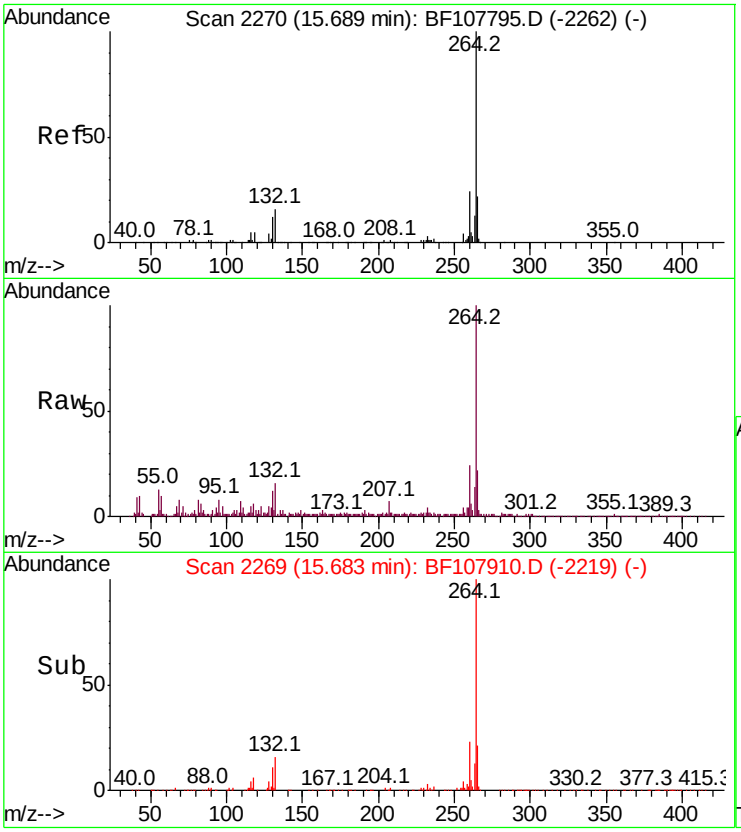


#78
Terphenyl-d14
Concen: 58.190 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Tgt Ion:244 Resp: 952621

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107910.D
Acq: 2 Aug 2018 15:40

Instrument :
BNA_F
ClientSampleId :
UST-W

Tgt Ion:264 Resp: 385454

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3