Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107963.D
Acq On : 4 Aug 2018 3:12
Operator : JU/SJ
Sample : J4297-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7

Quant Time: Aug 04 06:58:40 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	6.96	152	100151	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	277632	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	107858	20.00	ng	0.01
63) Phenanthrene-d10	11.52	188	195842	20.00	ng	0.02
75) Chrysene-d12	14.17	240	119961	20.00	ng	0.02
86) Perylene-d12	15.77	264	72173	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	726082	123.21	ng	0.00
7) Phenol-d6	6.60	99	934634	120.34	ng	0.00
23) Nitrobenzene-d5	7.52	82	337435	70.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	150208	102.49	ng	0.02
44) 2-Fluorobiphenyl	9.32	172	661905	85.52	ng	0.00
78) Terphenyl-d14	13.09	244	717363	129.67	ng	0.01
Target Compounds						Qvalue
74) Fluoranthene	12.74	202	41106	3.763	ng	# 54
77) Pyrene	12.97	202	83883	9.711	ng	# 72

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

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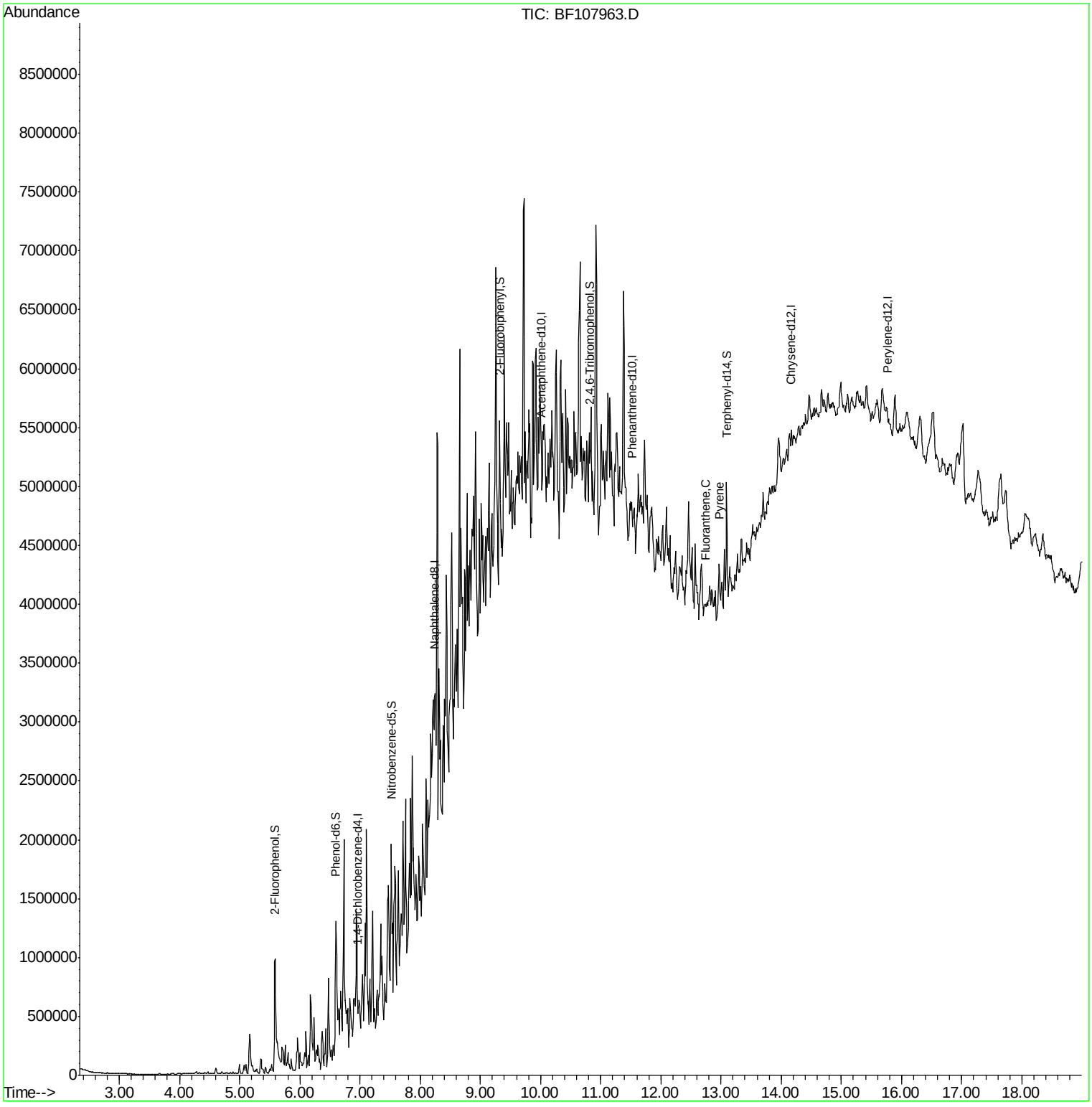
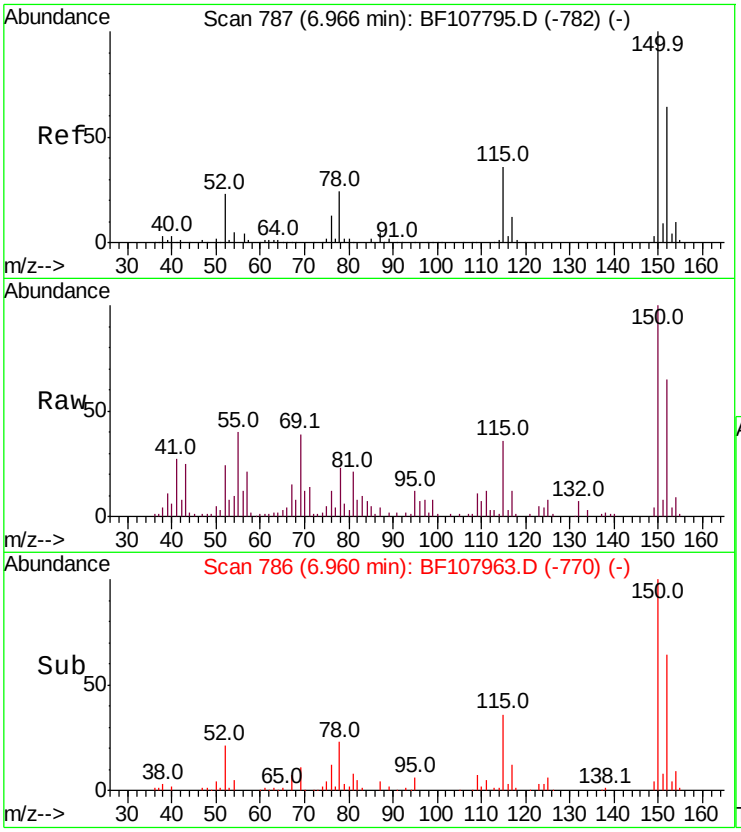


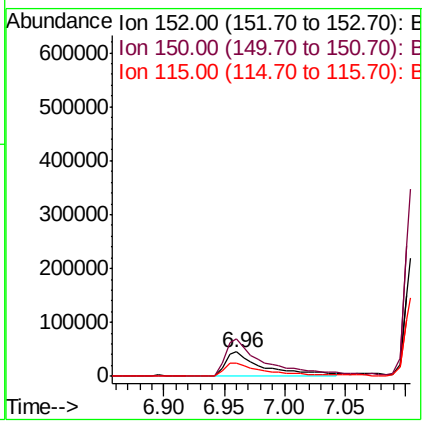


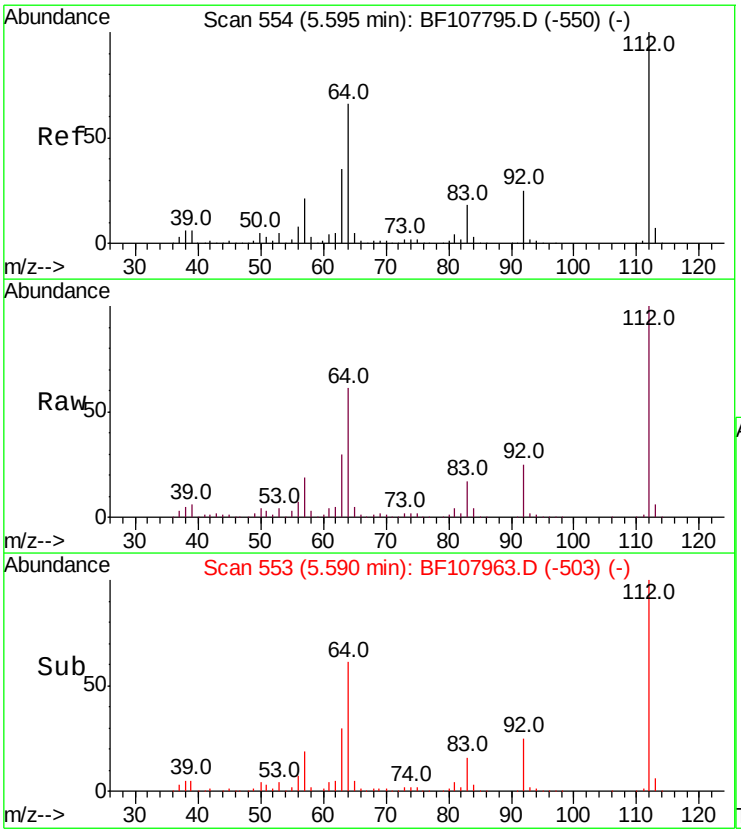
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:152 Resp: 100151

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	56.0	50.1	75.1

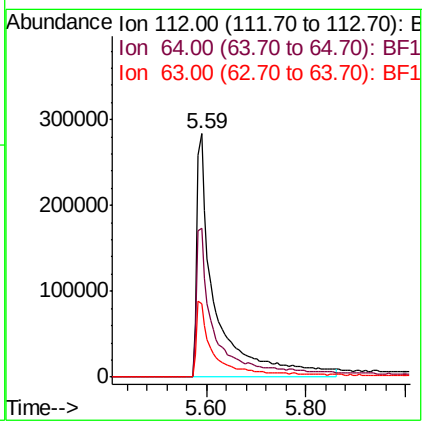


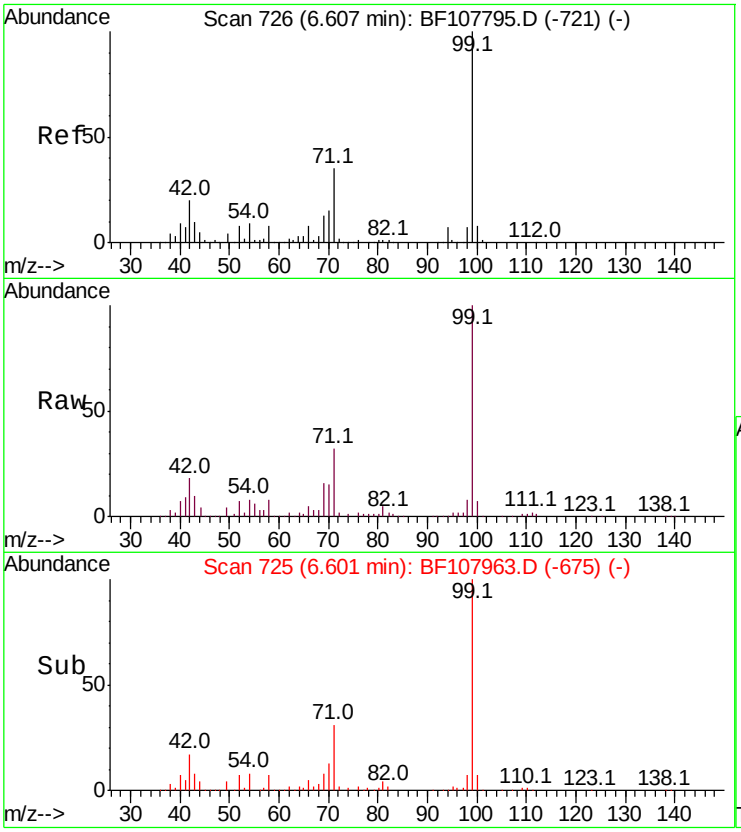


#5
2-Fluorophenol
Concen: 123.215 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:112 Resp: 726082

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.3	23.7	35.5



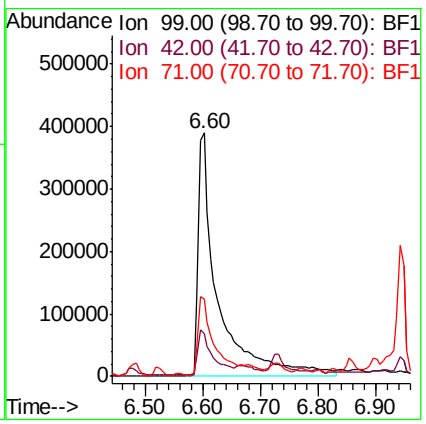


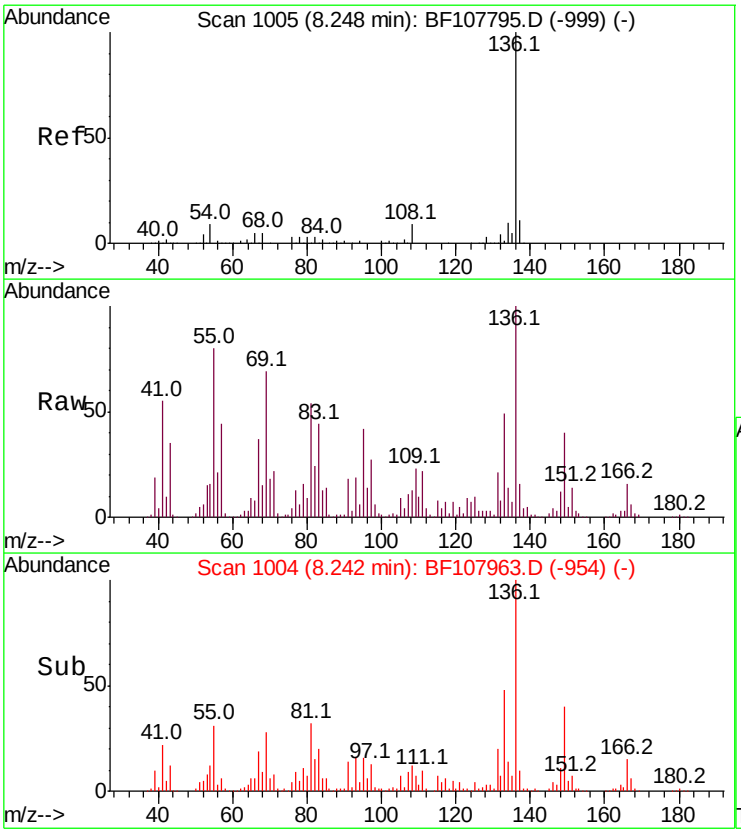
#7
Phenol-d6
Concen: 120.344 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 934634

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.5	21.7
71	31.8	25.4	38.0

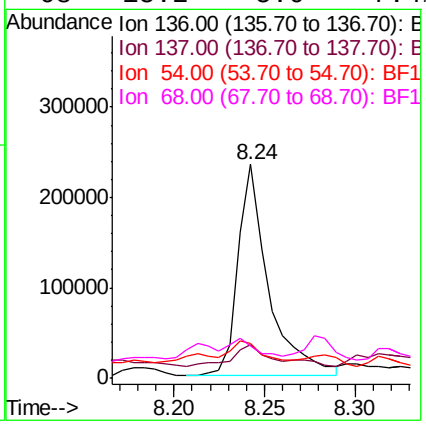


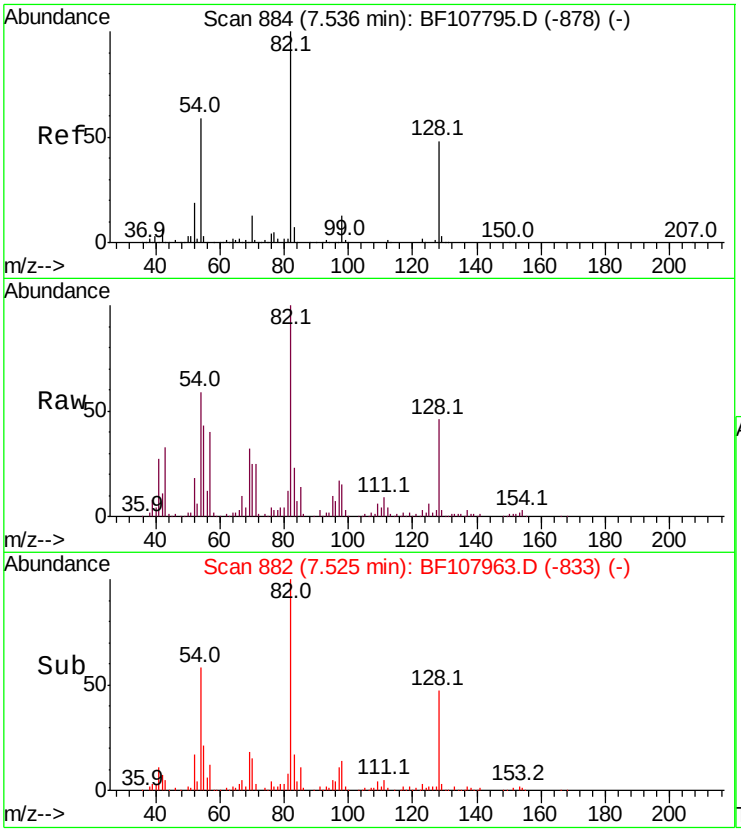


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:136 Resp: 277632

Ion	Ratio	Lower	Upper
136	100		
137	15.8	8.9	13.3#
54	15.9	6.6	9.8#
68	15.2	5.0	7.4#



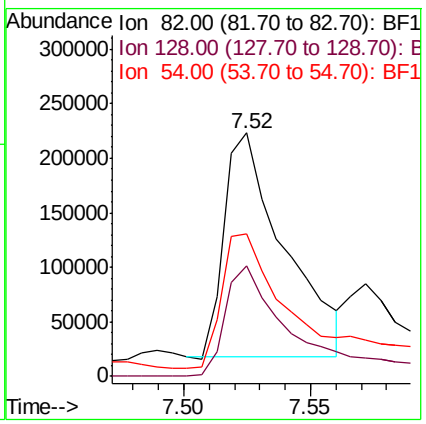


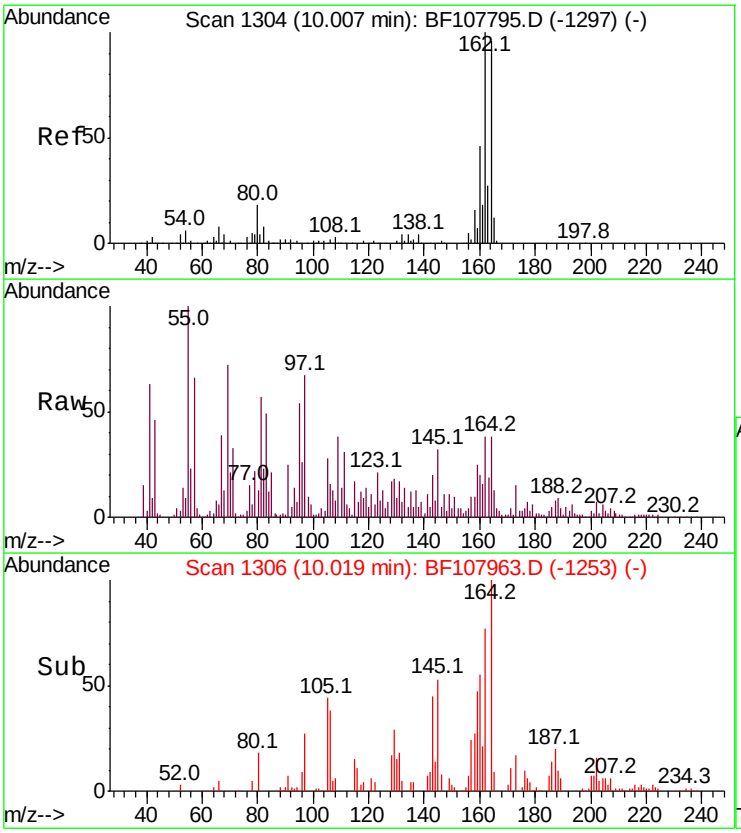
#23
Nitrobenzene-d5
Concen: 70.020 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 82 Resp: 337435

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	58.7	41.4	62.2

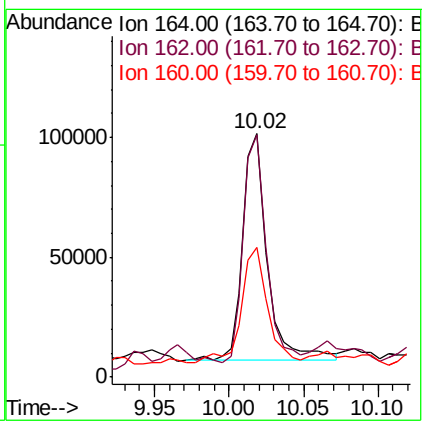


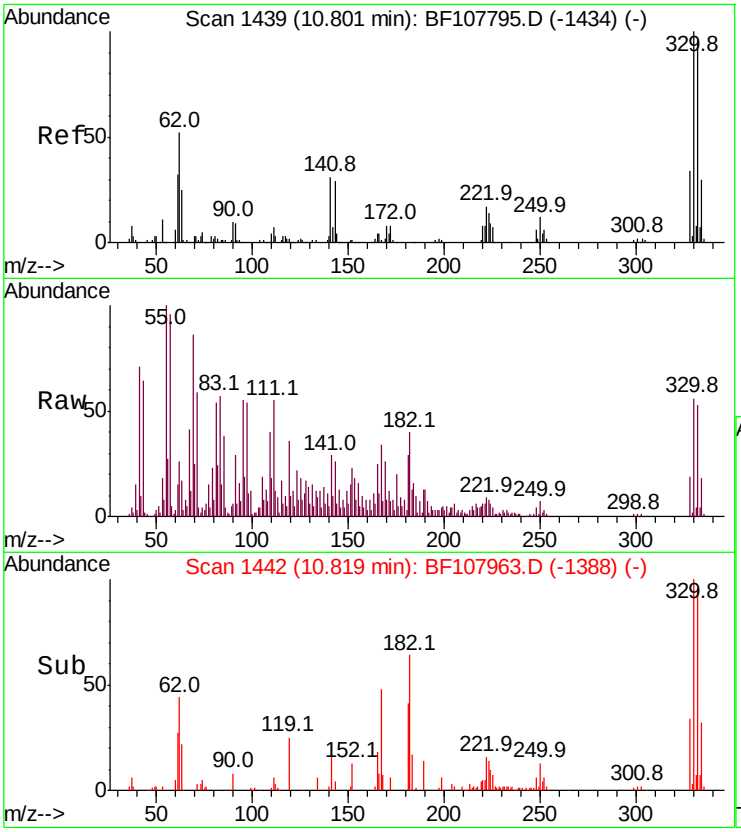


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:164 Resp: 107858

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	53.1	38.3	57.5



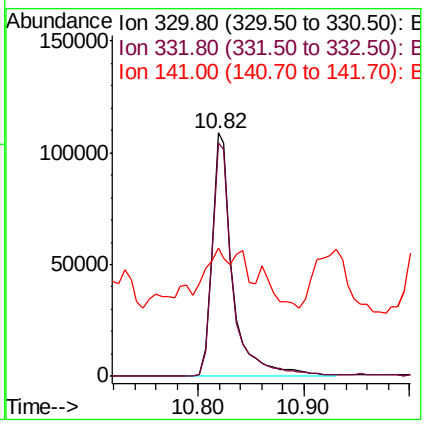


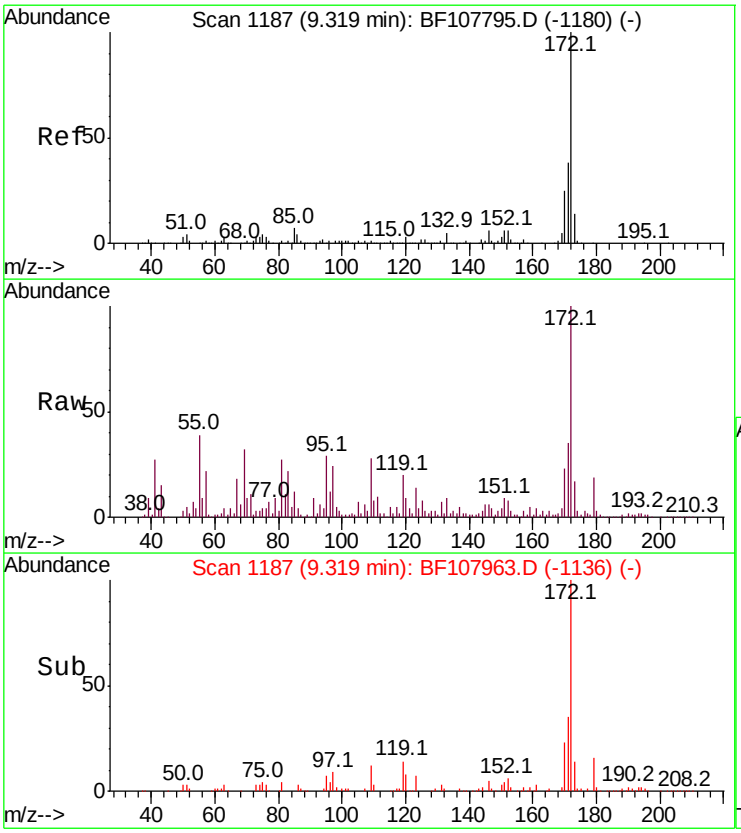
#41
2,4,6-Tribromophenol
Concen: 102.491 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:330 Resp: 150208

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	24.3	29.9	44.9#

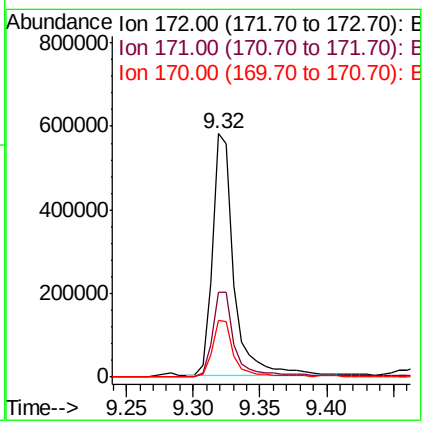


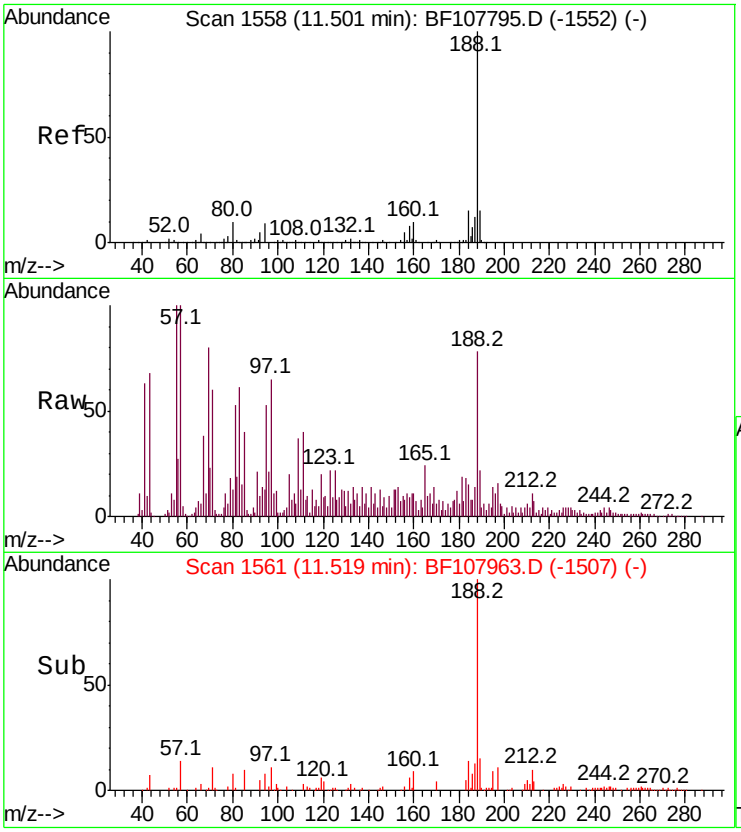


#44
2-Fluorobiphenyl
Concen: 85.516 ng
RT: 9.32 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:172 Resp: 661905

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.5	19.6	29.4



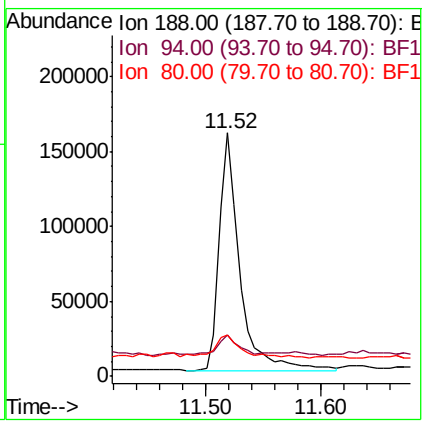


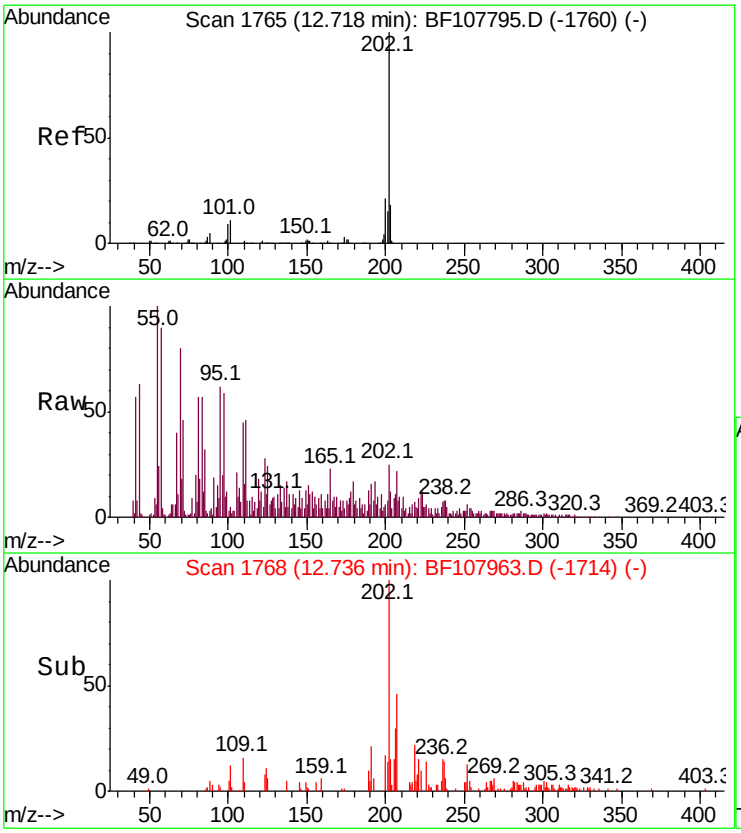
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:188 Resp: 195842

Ion	Ratio	Lower	Upper
188	100		
94	17.0	8.5	12.7#
80	16.9	9.2	13.8#

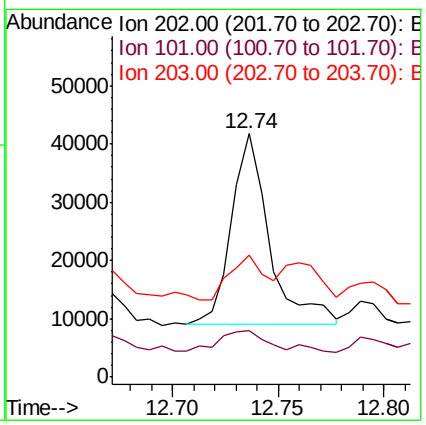


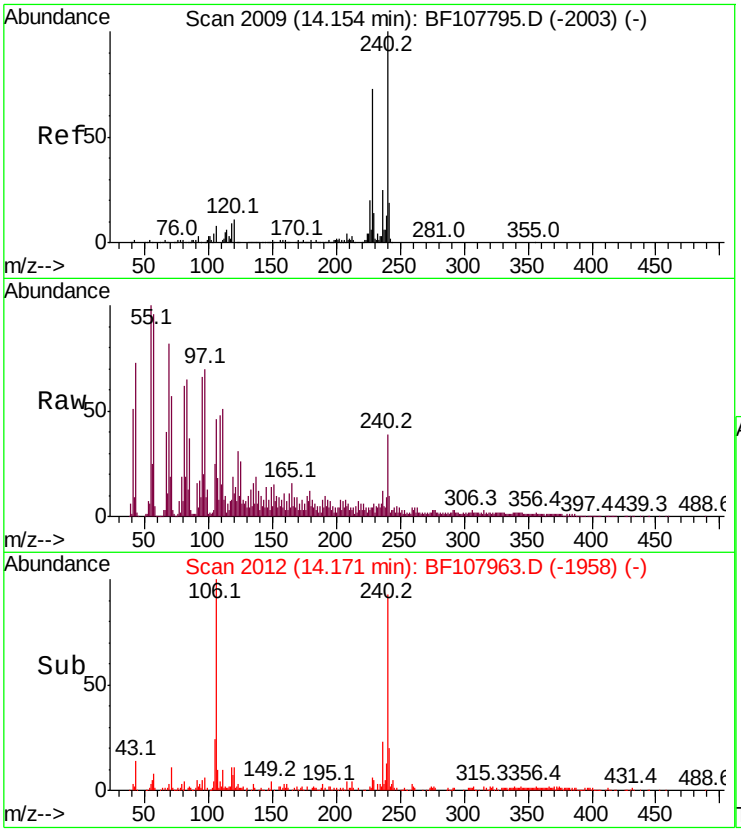


#74
Fluoranthene
Concen: 3.763 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:202 Resp: 41106

Ion	Ratio	Lower	Upper
202	100		
101	19.1	0.0	34.1
203	50.0	0.0	38.1#



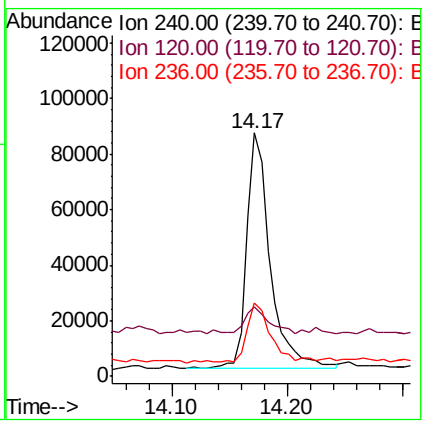


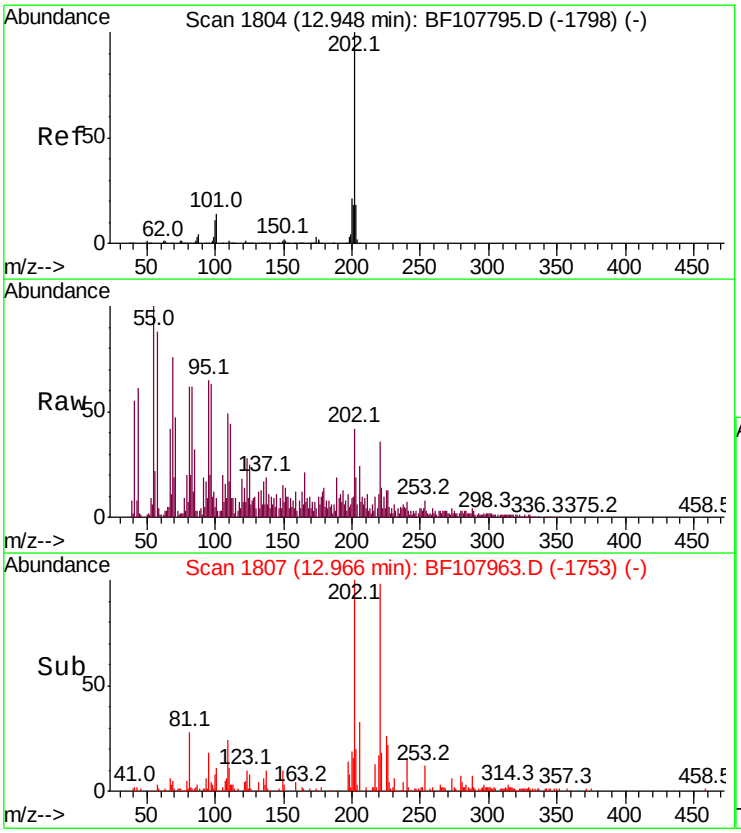
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:240 Resp: 119961

Ion	Ratio	Lower	Upper
240	100		
120	28.7	9.5	14.3#
236	29.9	20.7	31.1

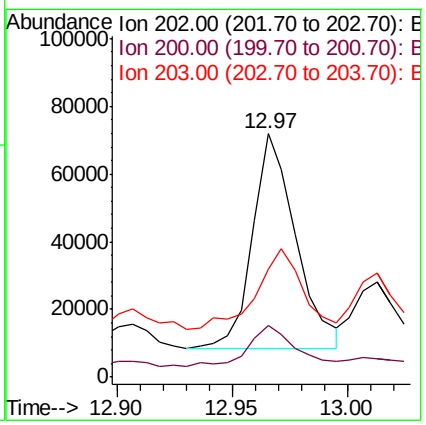


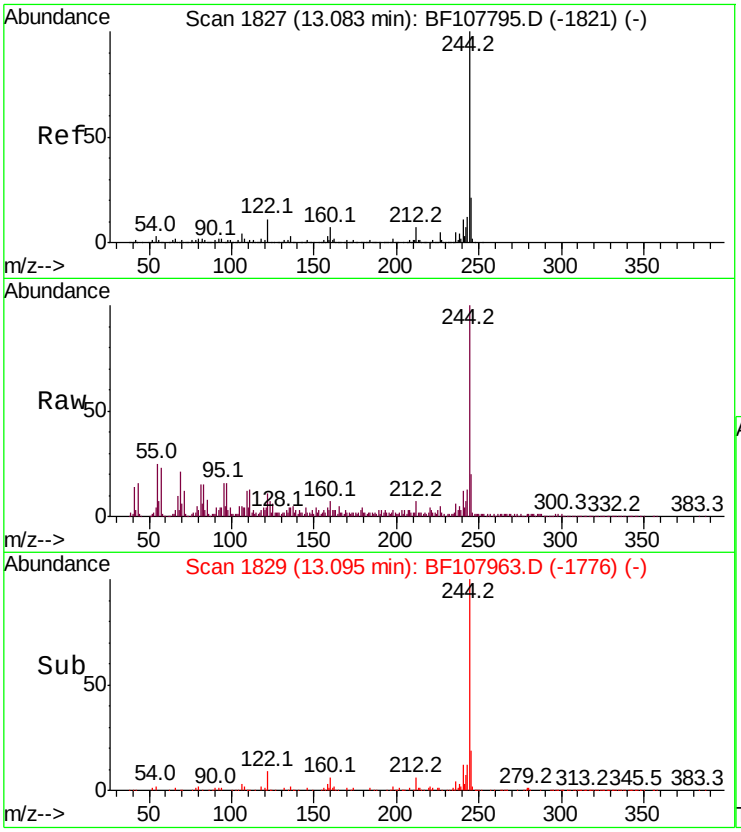


#77
Pyrene
Concen: 9.711 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.02 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:202 Resp: 83883

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	44.6	14.3	21.5#



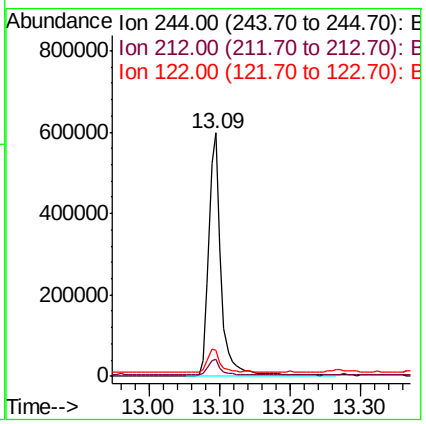


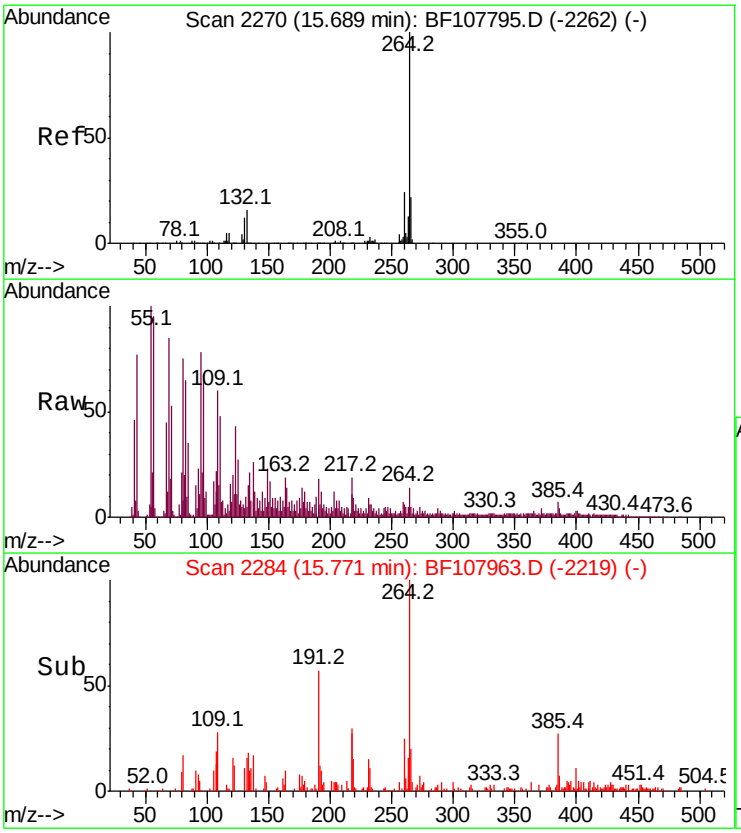
#78
Terphenyl-d14
Concen: 129.671 ng
RT: 13.09 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:244 Resp: 717363

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. 0.08 min
Lab File: BF107963.D
Acq: 4 Aug 2018 3:12

Tgt Ion:264 Resp: 72173

Ion	Ratio	Lower	Upper
264	100		
260	42.7	19.2	28.8#
265	35.7	17.5	26.3#