Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106638.D
Acq On : 20 Jun 2018 23:42
Operator : JU/SJ
Sample : J3554-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-8(3.0)

Quant Time: Jun 21 04:15:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94024	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	358449	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	185182	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	334829	20.00	ng	0.00
75) Chrysene-d12	14.14	240	256351	20.00	ng	-0.01
86) Perylene-d12	15.68	264	243739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	624982	112.56	ng	0.01
7) Phenol-d6	6.61	99	802638	115.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	547019	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	269052	125.36	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	903116	82.03	ng	0.00
78) Terphenyl-d14	13.08	244	880379	83.19	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	129207	9.303	ng	98
74) Fluoranthene	12.71	202	48395	2.719	ng	95
77) Pyrene	12.94	202	44555	2.636	ng	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106638.D
Acq On : 20 Jun 2018 23:42
Operator : JU/SJ
Sample : J3554-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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A-8(3.0)

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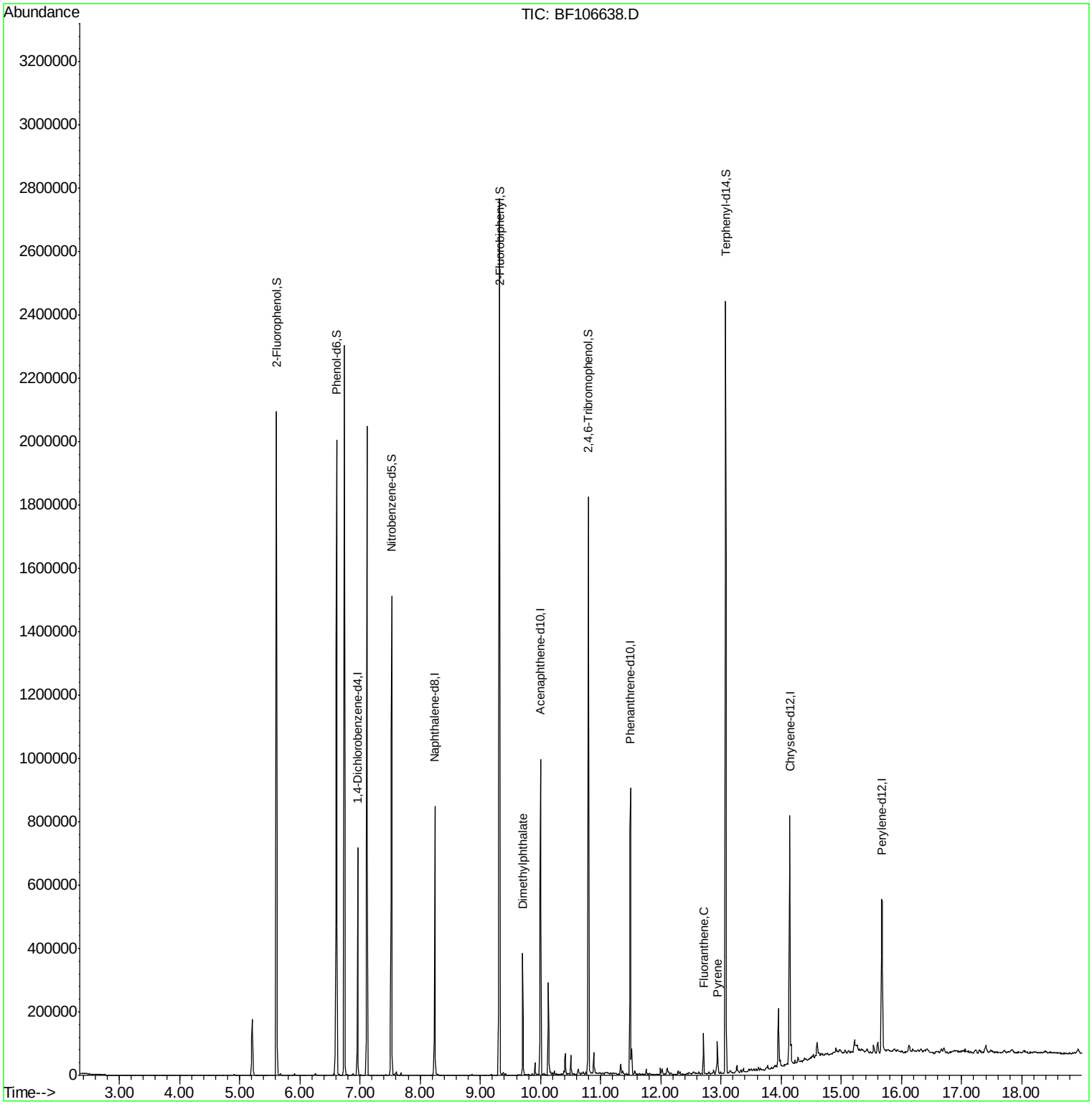
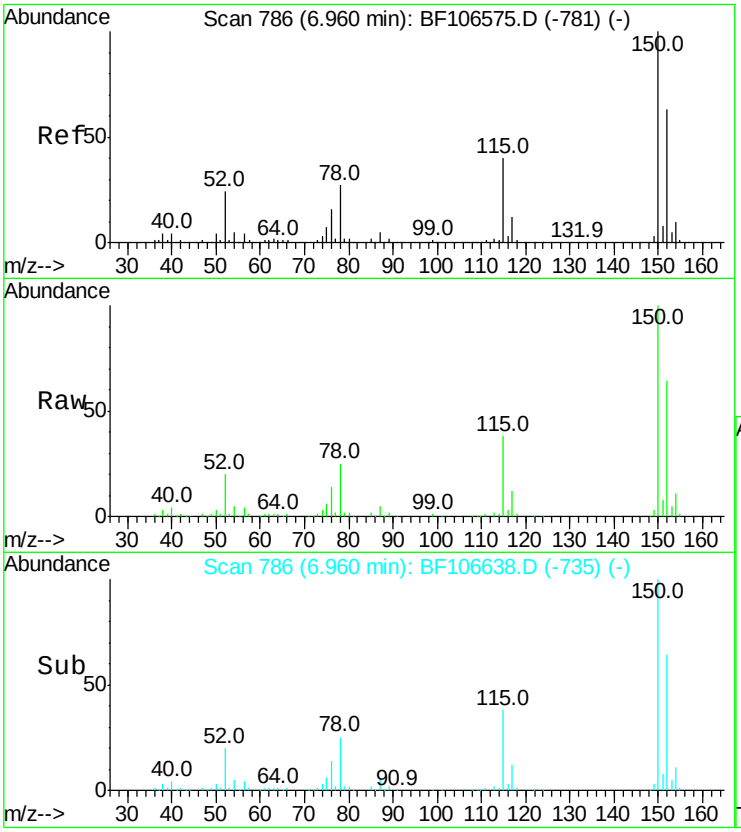


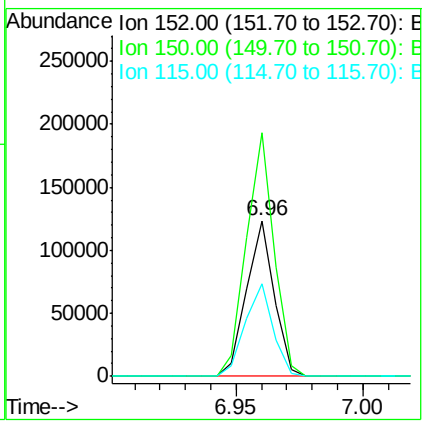


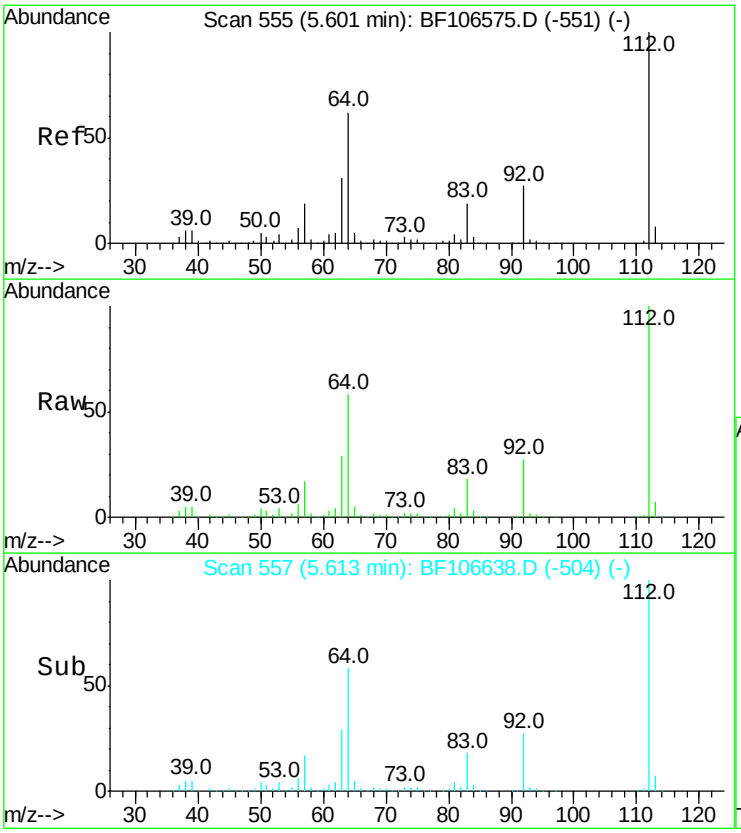
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:152 Resp: 94024

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.6	50.1	75.1

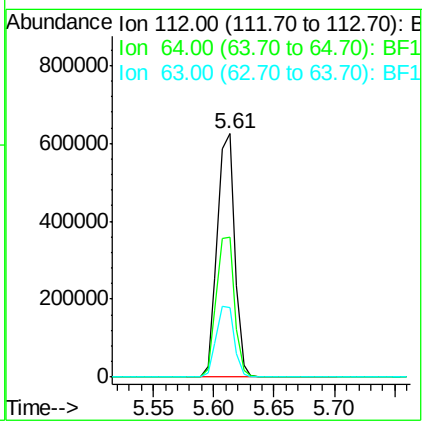


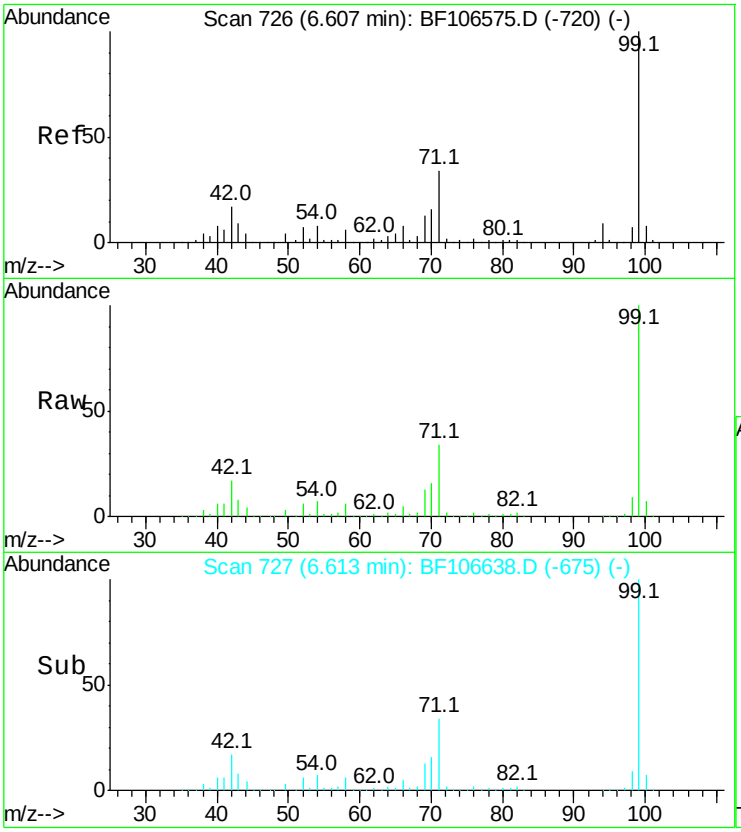


#5
2-Fluorophenol
Concen: 112.556 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:112 Resp: 624982

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	28.6	23.7	35.5



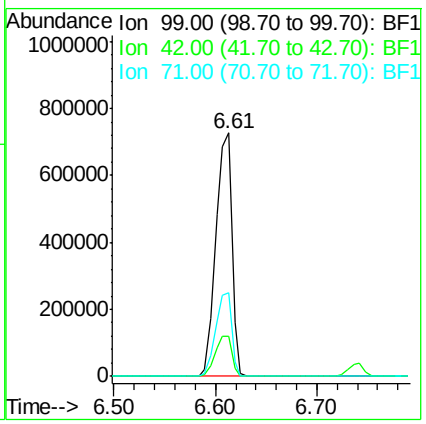


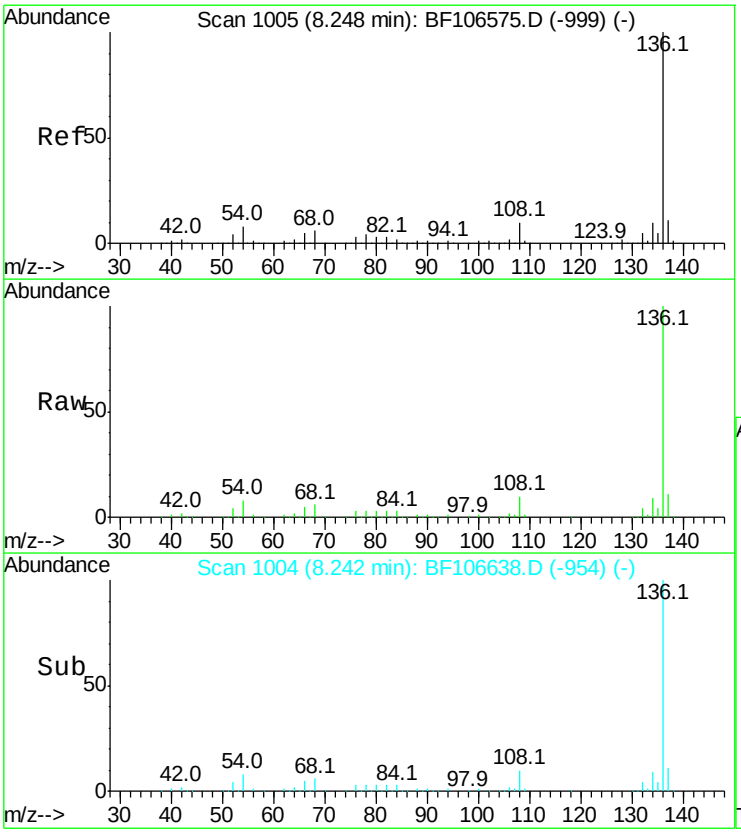
#7
Phenol-d6
Concen: 115.751 ng
RT: 6.61 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion: 99 Resp: 802638

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.5	21.7
71	34.2	25.4	38.0

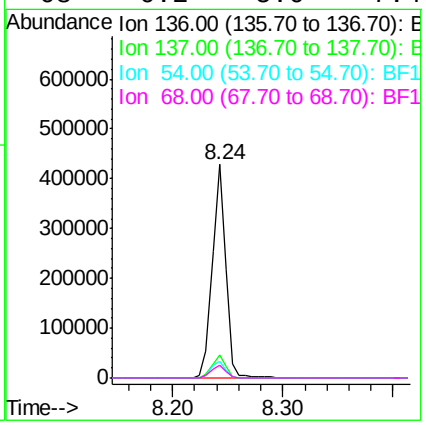


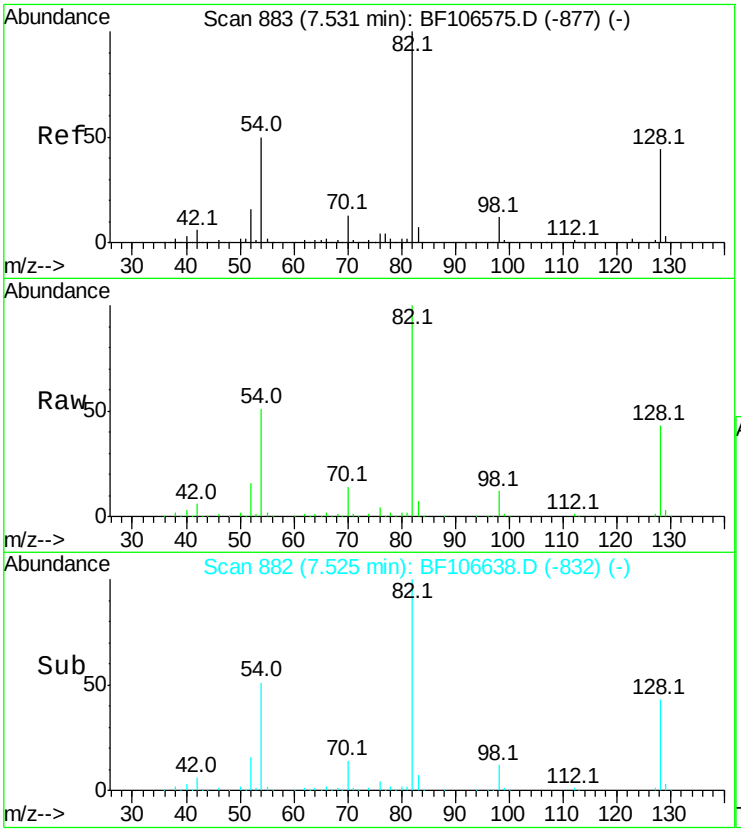


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:136 Resp: 358449

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	6.6	9.8
68	6.2	5.0	7.4



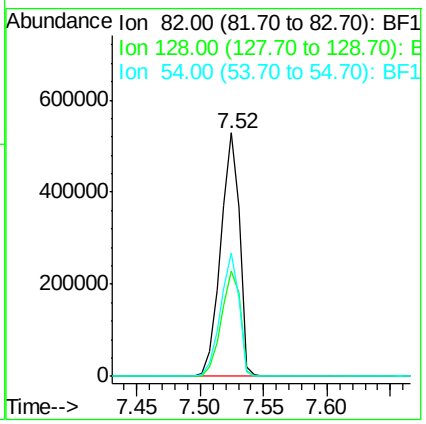


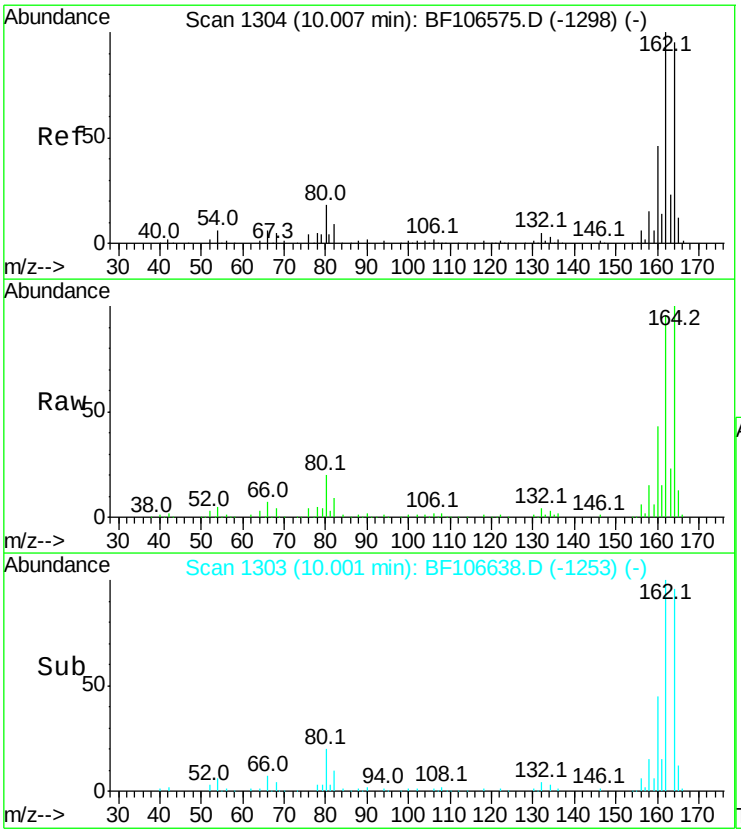
#23
Nitrobenzene-d5
Concen: 84.809 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion: 82 Resp: 547019

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	50.8	41.4	62.2

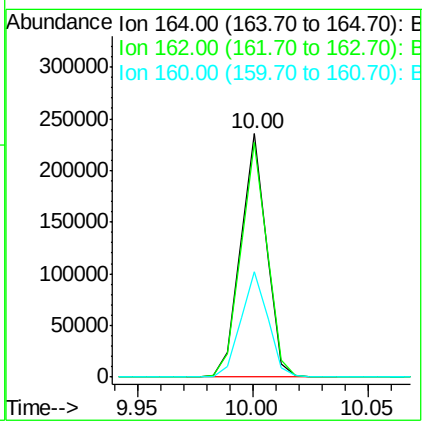


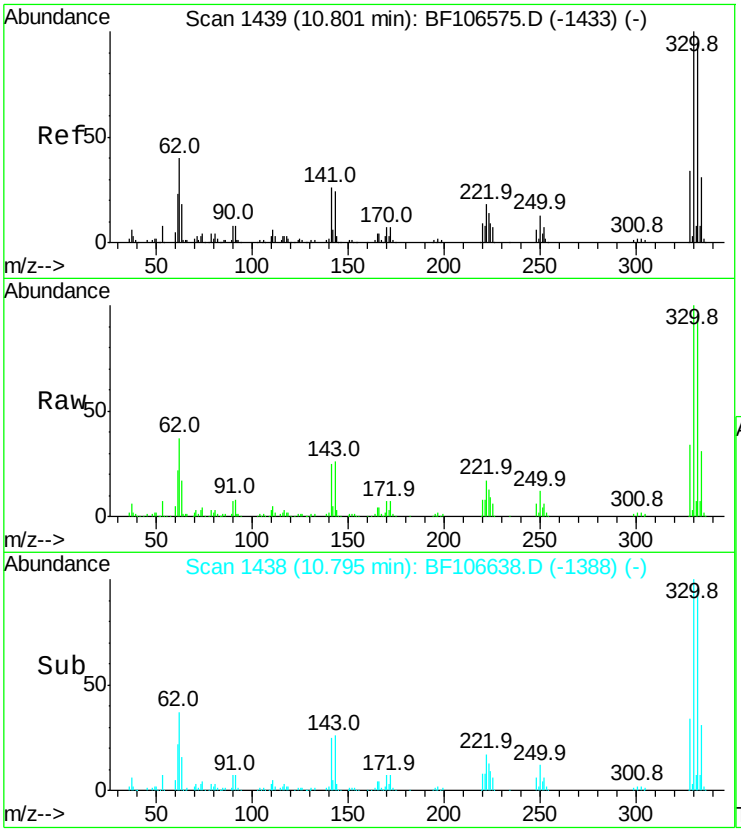


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:164 Resp: 185182

Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	43.3	38.3	57.5



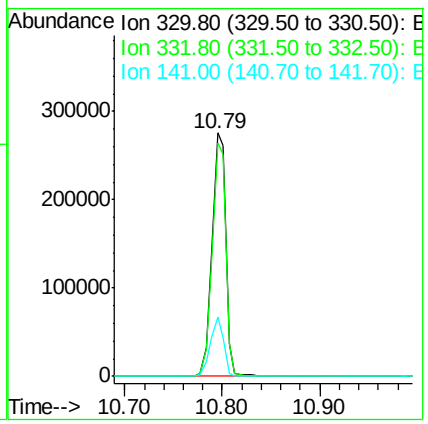


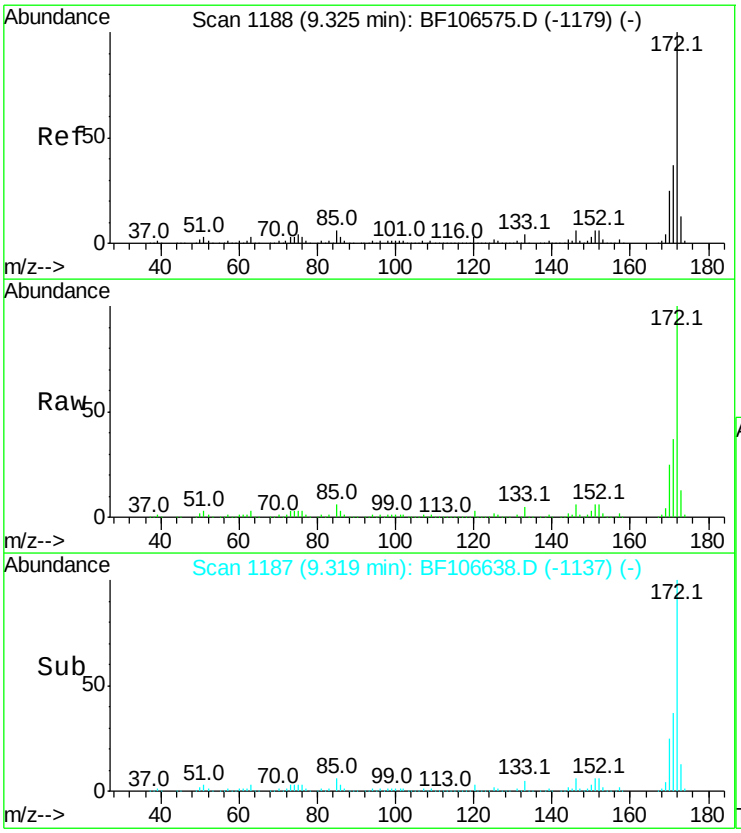
#41
2,4,6-Tribromophenol
Concen: 125.356 ng
RT: 10.79 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:330 Resp: 269052

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	23.9	29.9	44.9#

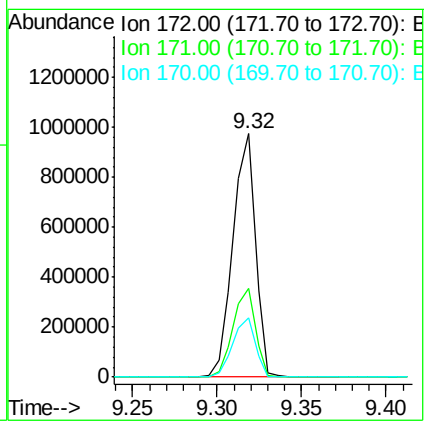


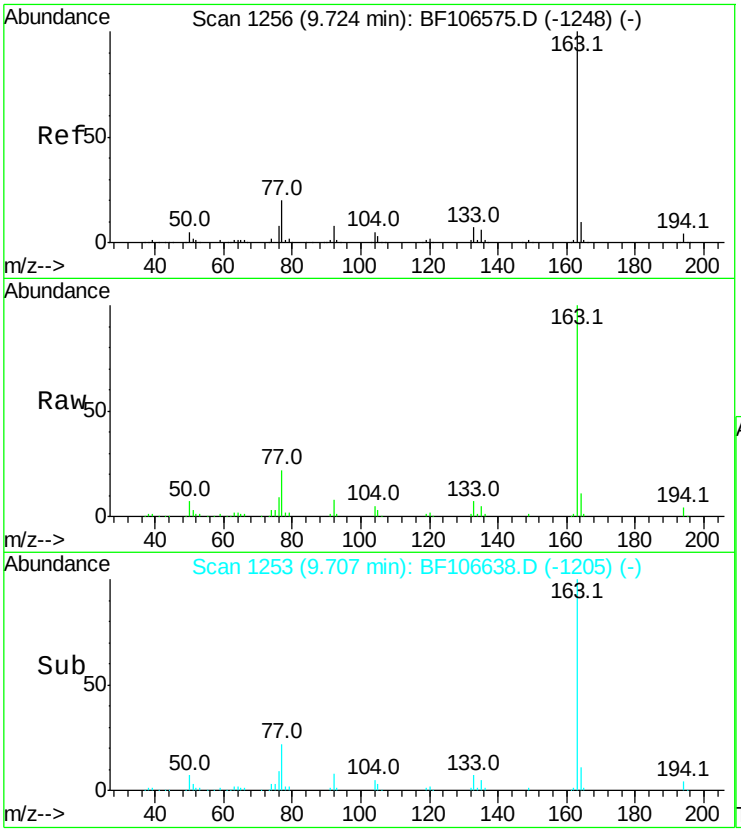


#44
2-Fluorobiphenyl
Concen: 82.033 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:172 Resp: 903116

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4



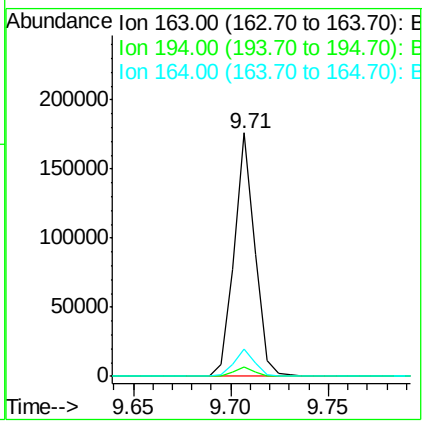


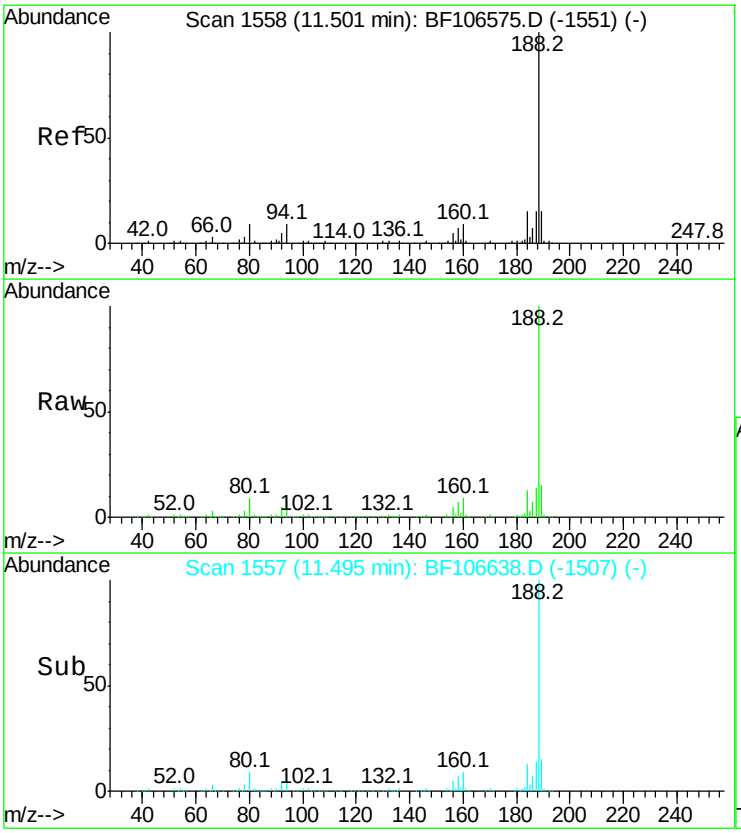
#49
Dimethylphthalate
Concen: 9.303 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:163 Resp: 129207

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.1	8.2	12.2

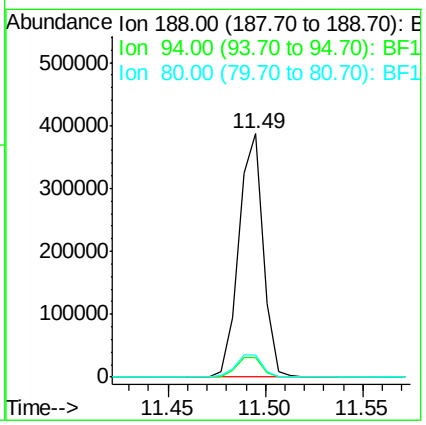


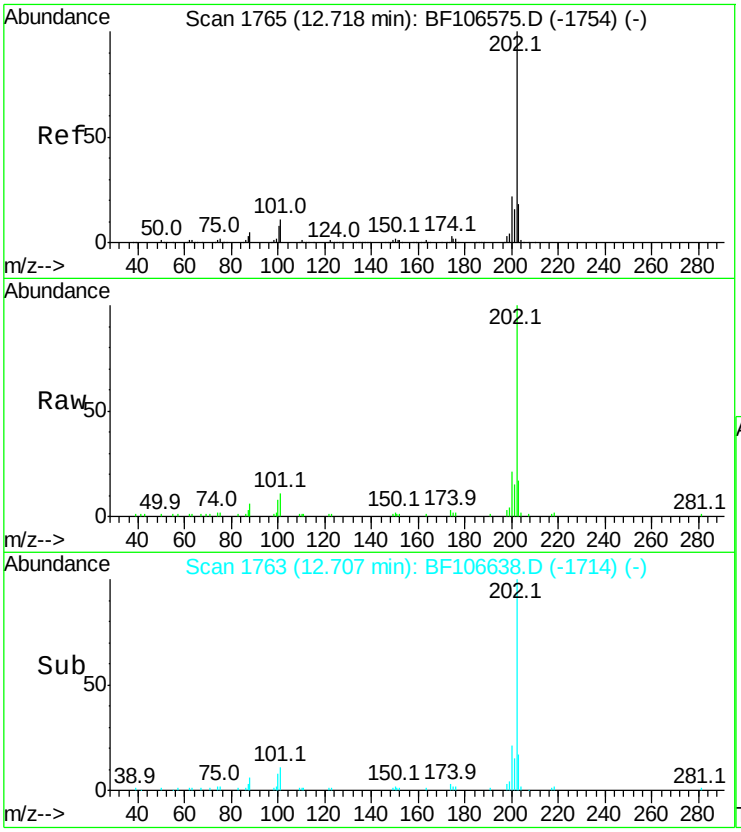


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:188 Resp: 334829

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	9.1	9.2	13.8#



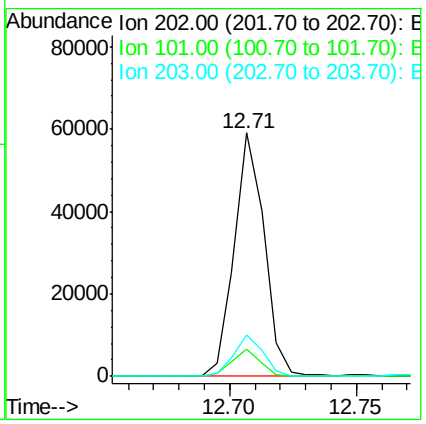


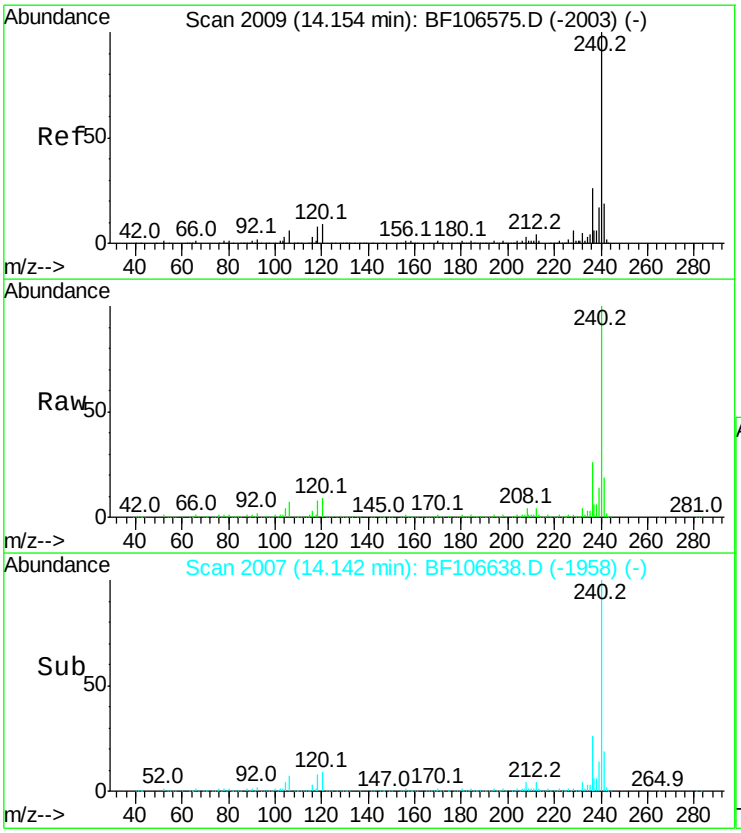
#74
Fluoranthene
Concen: 2.719 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:202 Resp: 48395

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.0	0.0	38.1

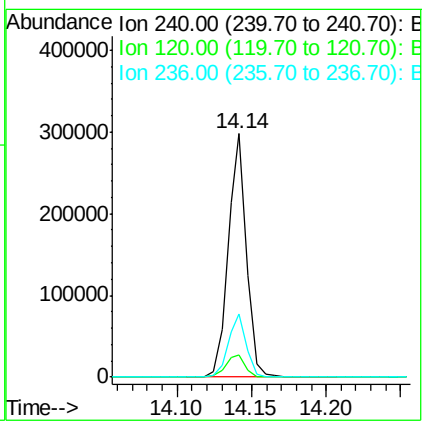


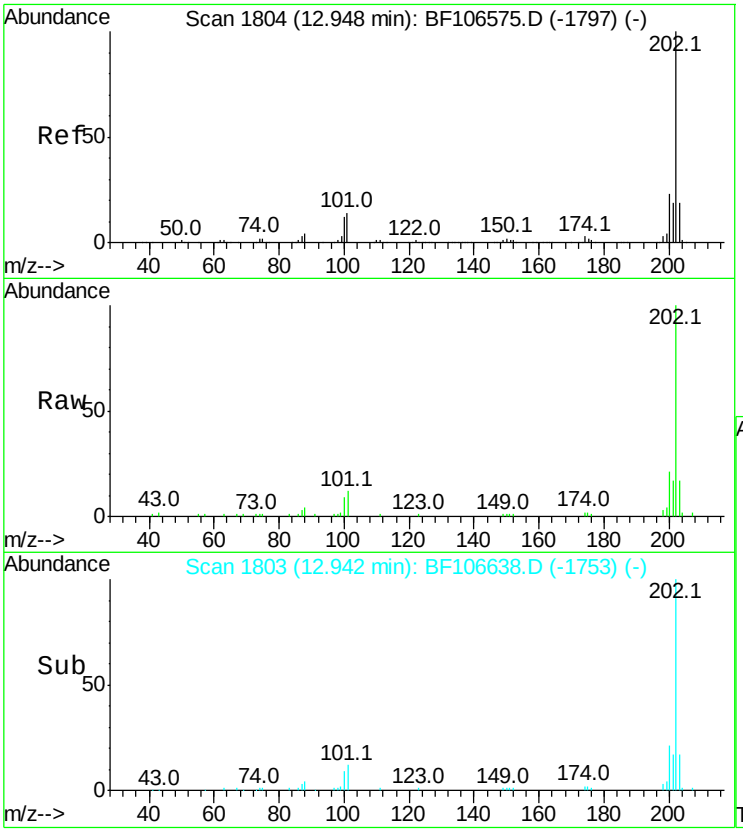


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:240 Resp: 256351

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.8	20.7	31.1



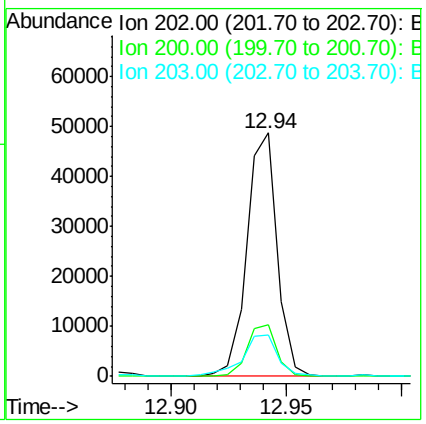


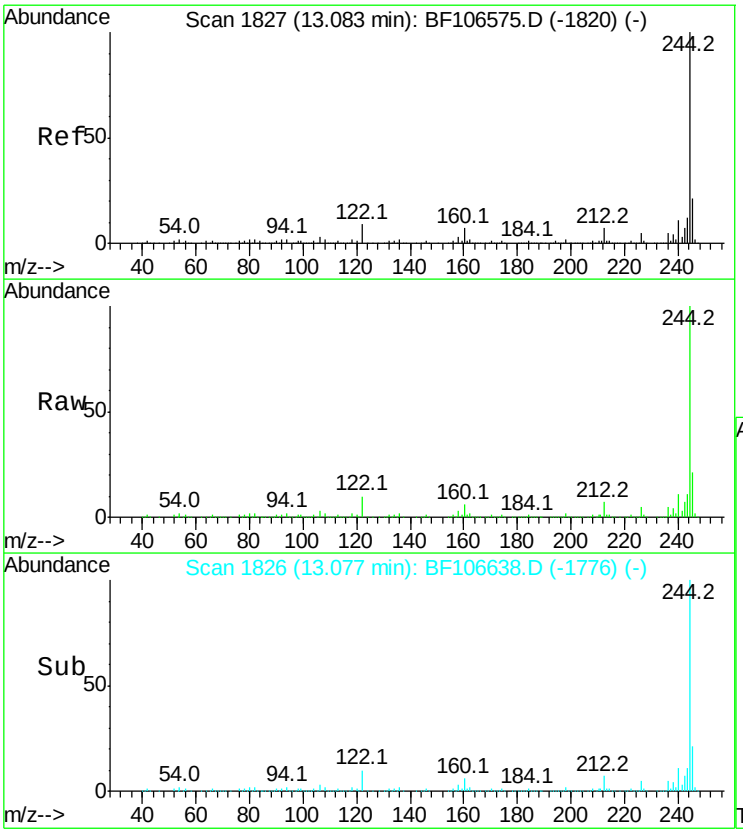
#77
Pyrene
Concen: 2.636 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:202 Resp: 44555

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.1	14.3	21.5

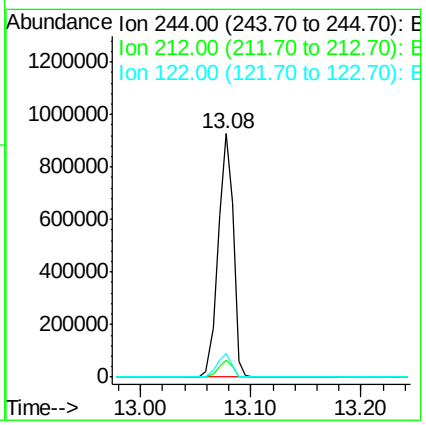


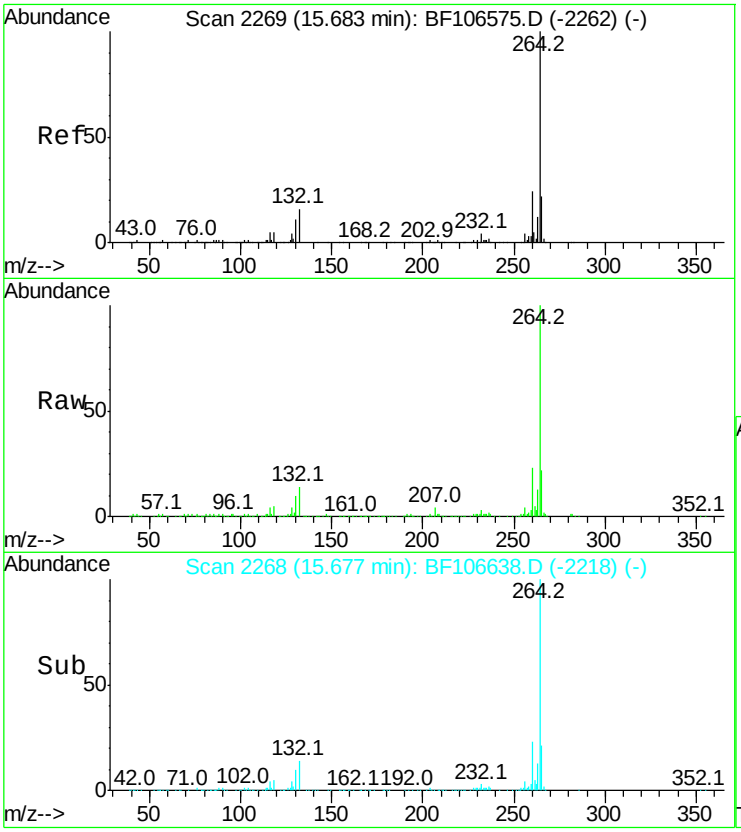


#78
Terphenyl-d14
Concen: 83.188 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Tgt Ion:244 Resp: 880379

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106638.D
Acq: 20 Jun 2018 23:42

Instrument :
BNA_F
ClientSampleId :
A-8(3.0)

Tgt Ion:264 Resp: 243739

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	17.5	26.3