Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106587.D
Acq On : 19 Jun 2018 17:34
Operator : JU/SJ
Sample : J3497-01RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CAS1-WC-L-01RE

Quant Time: Jun 20 05:51:20 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	127662	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	504159	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	239378	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	422046	20.00	ng		0.00
75) Chrysene-d12	14.15	240	298020	20.00	ng		0.00
86) Perylene-d12	15.70	264	361000	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	18234	2.42	ng		0.00
7) Phenol-d6	6.60	99	24900	2.64	ng		-0.01
23) Nitrobenzene-d5	7.52	82	84934	9.36	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	6028	2.17	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	182233	-2.26	ng		-0.01
78) Terphenyl-d14	13.08	244	107615	8.75	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.61	94	21896	2.038	ng		98
49) Dimethylphthalate	9.71	163	148067	8.247	ng	#	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	29098	2.817	ng		99

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

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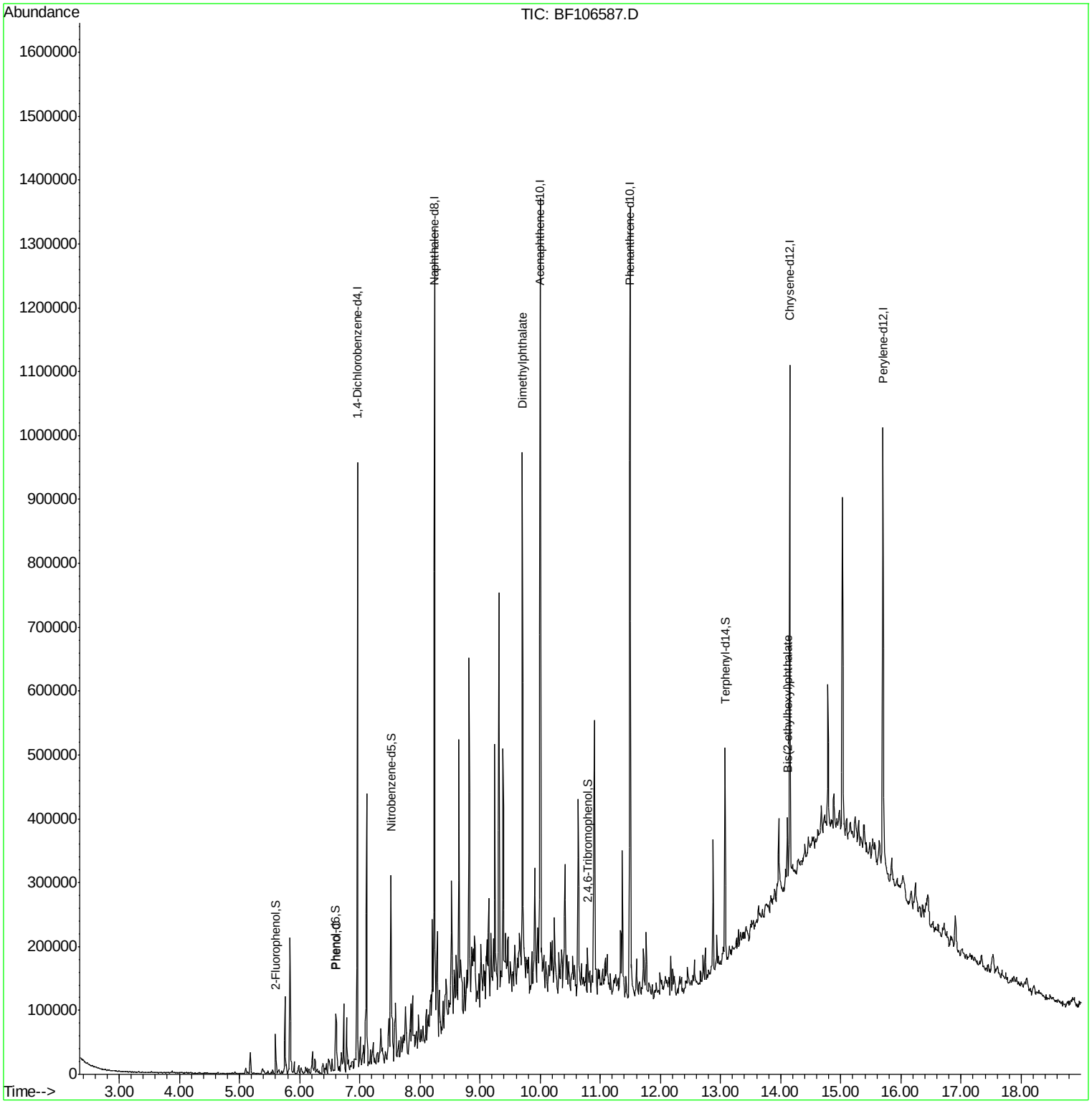
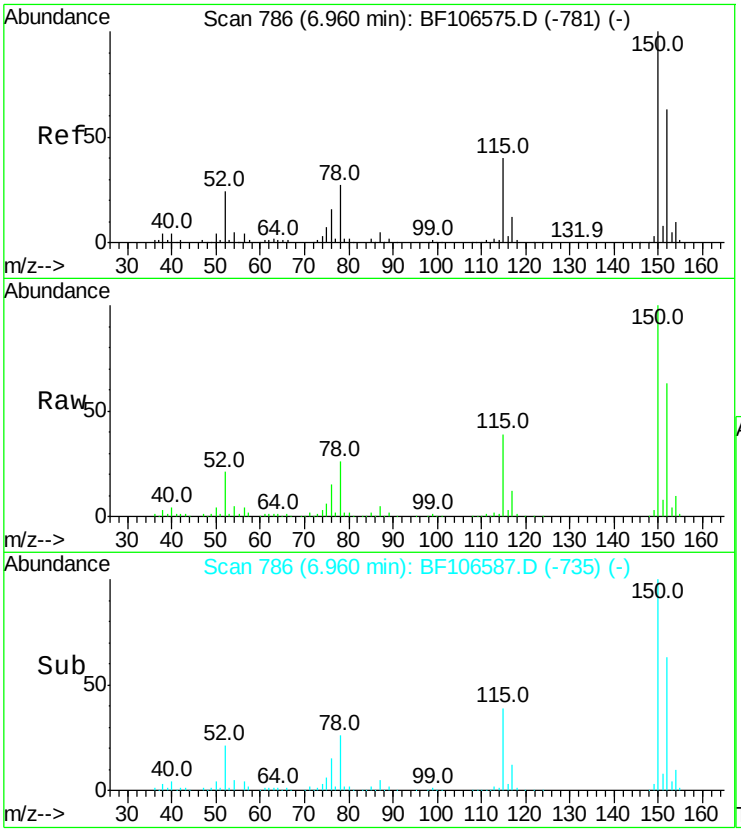


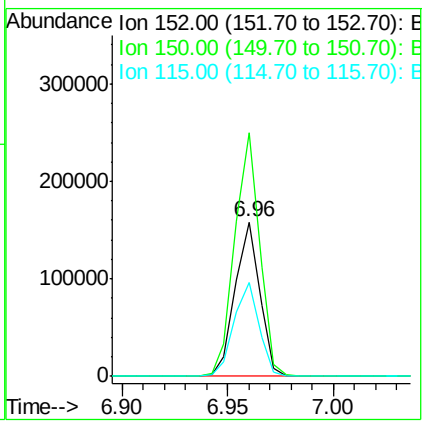


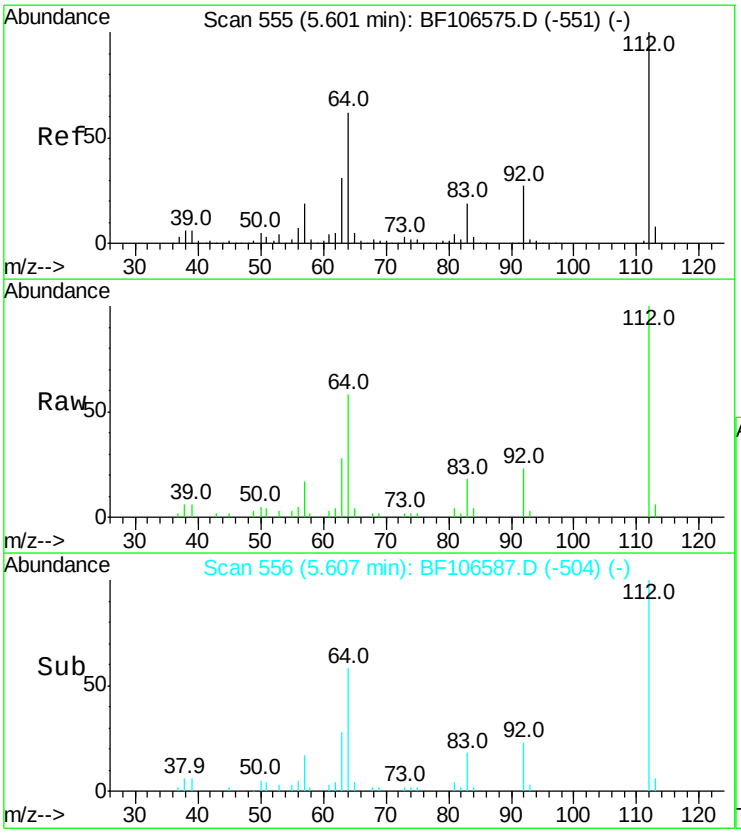
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:152 Resp: 127662

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.0	50.1	75.1

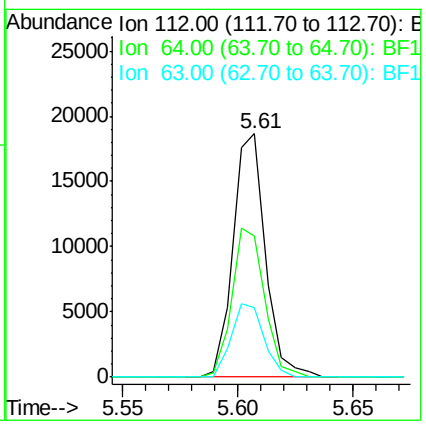


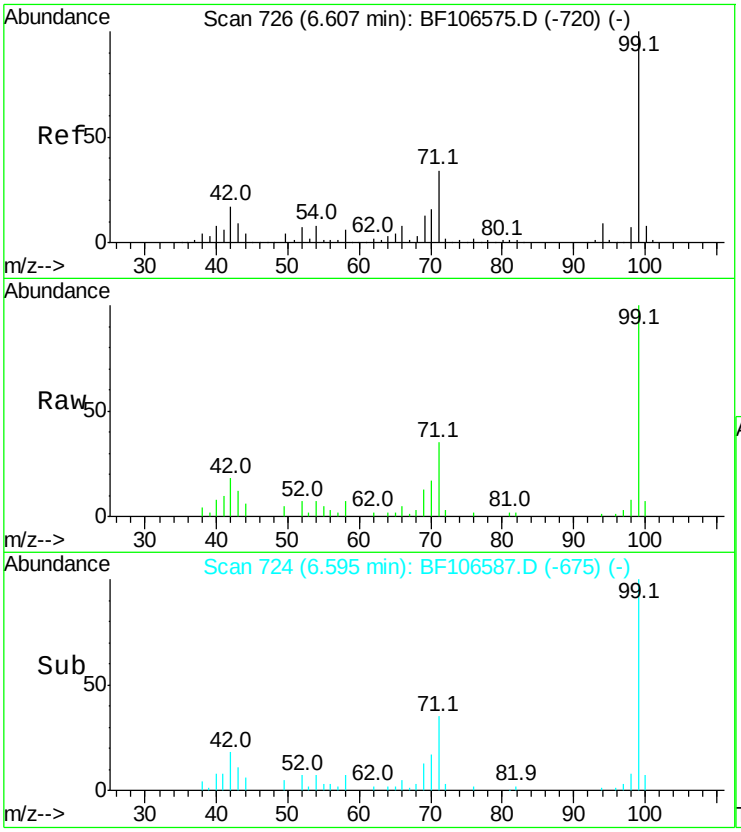


#5
2-Fluorophenol
Concen: 2.419 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion:112 Resp: 18234

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	28.4	23.7	35.5



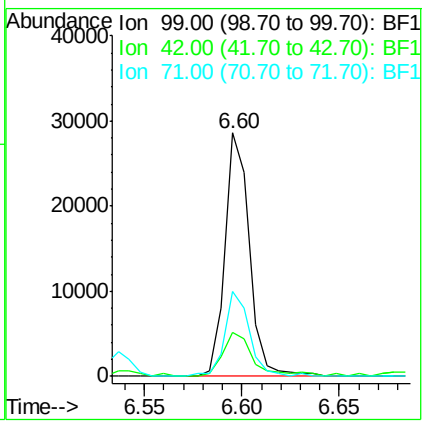


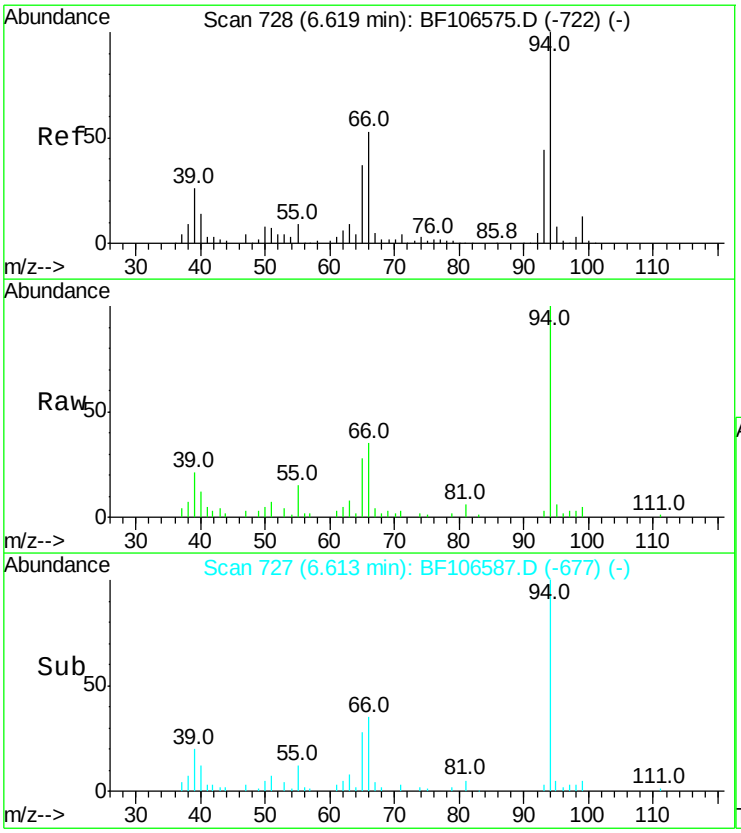
#7
Phenol-d6
Concen: 2.645 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion: 99 Resp: 24900

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	34.9	25.4	38.0

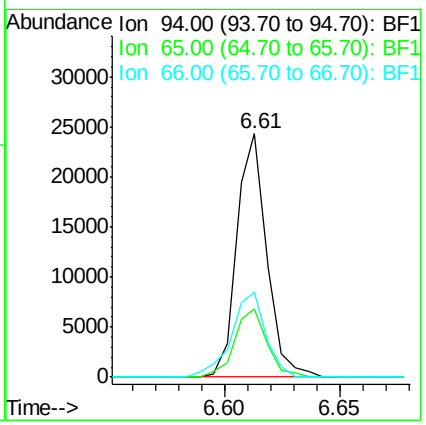


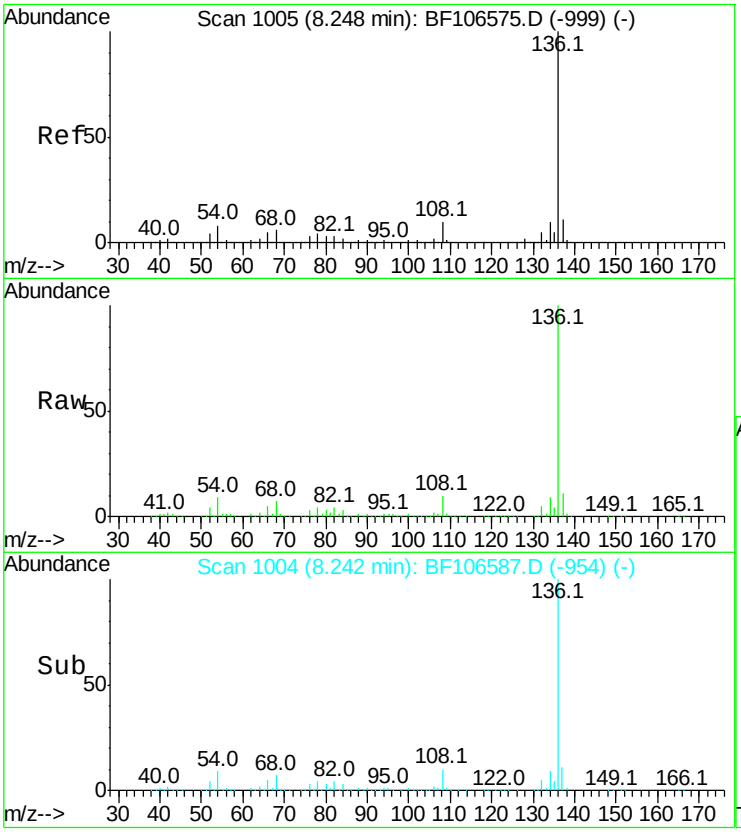


#10
Phenol
Concen: 2.038 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion: 94 Resp: 21896

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	34.6	16.2	56.2



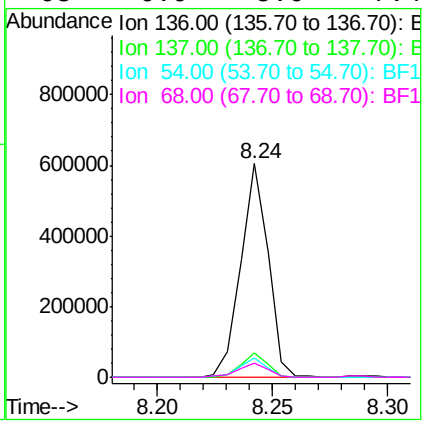


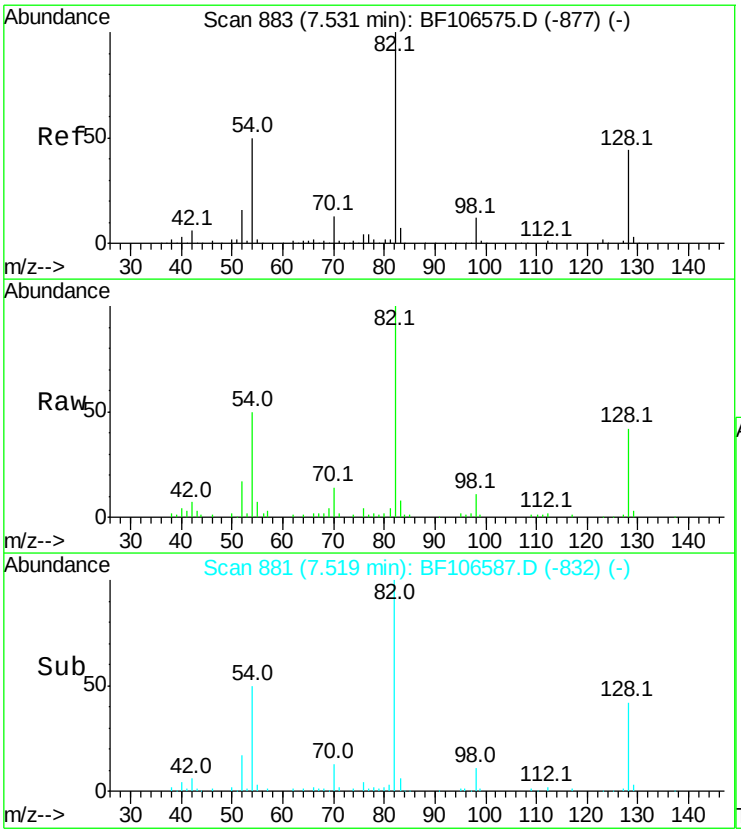
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:136 Resp: 504159

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	6.6	9.8
68	6.9	5.0	7.4

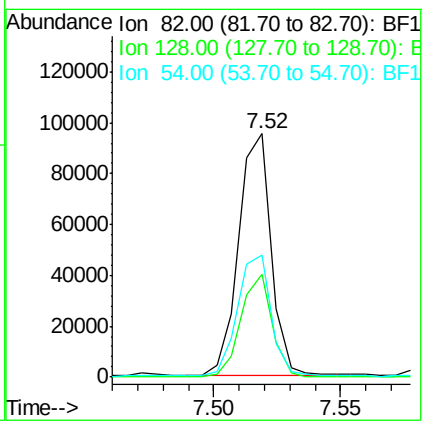


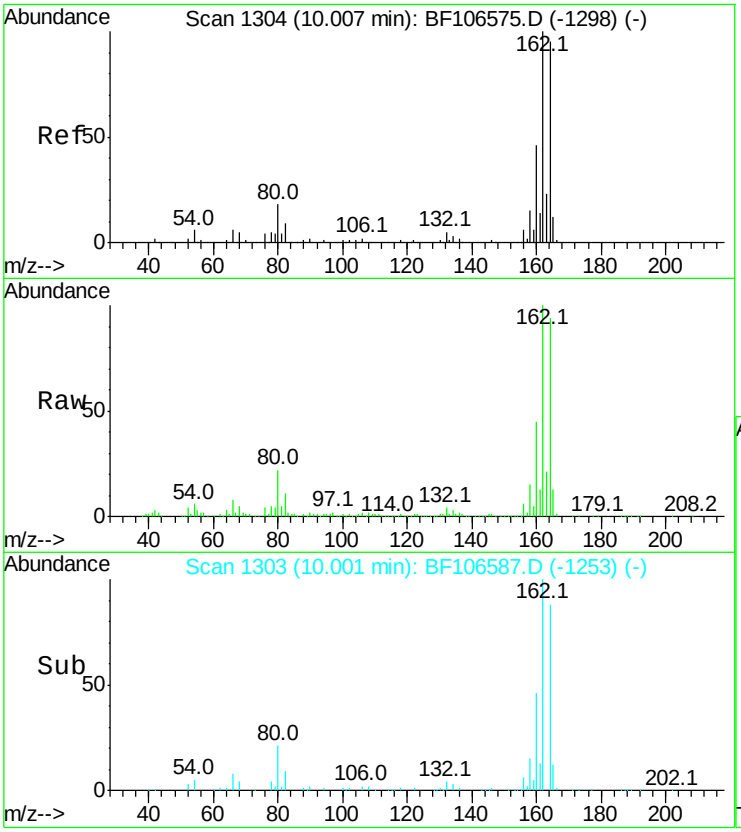


#23
Nitrobenzene-d5
Concen: 9.362 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion: 82 Resp: 84934

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	50.2	41.4	62.2



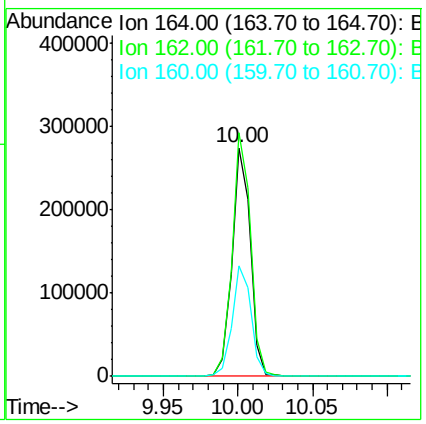


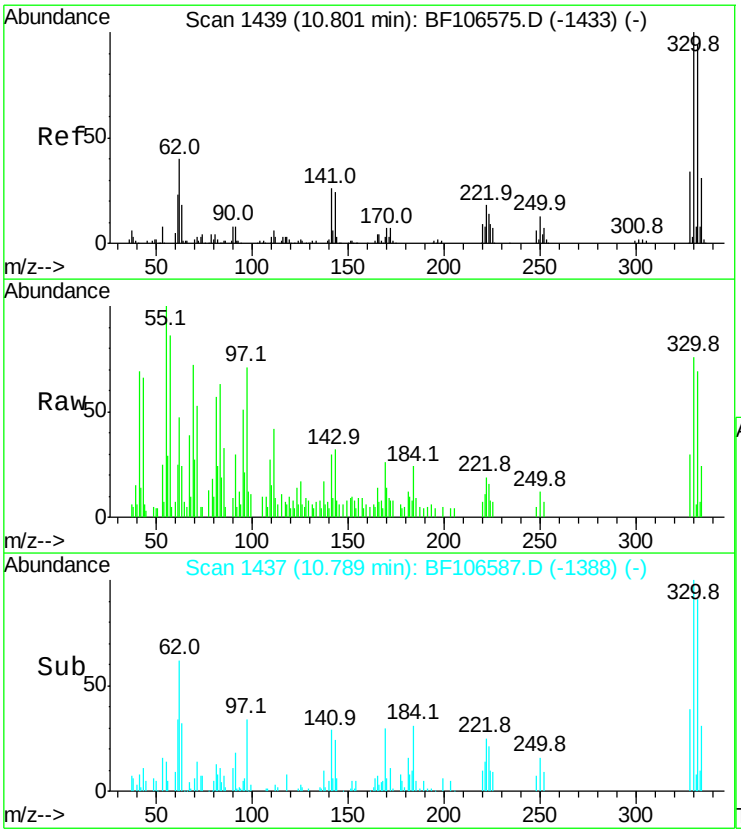
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:164 Resp: 239378

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	48.3	38.3	57.5

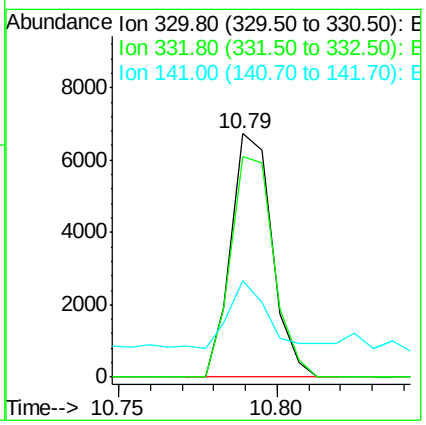


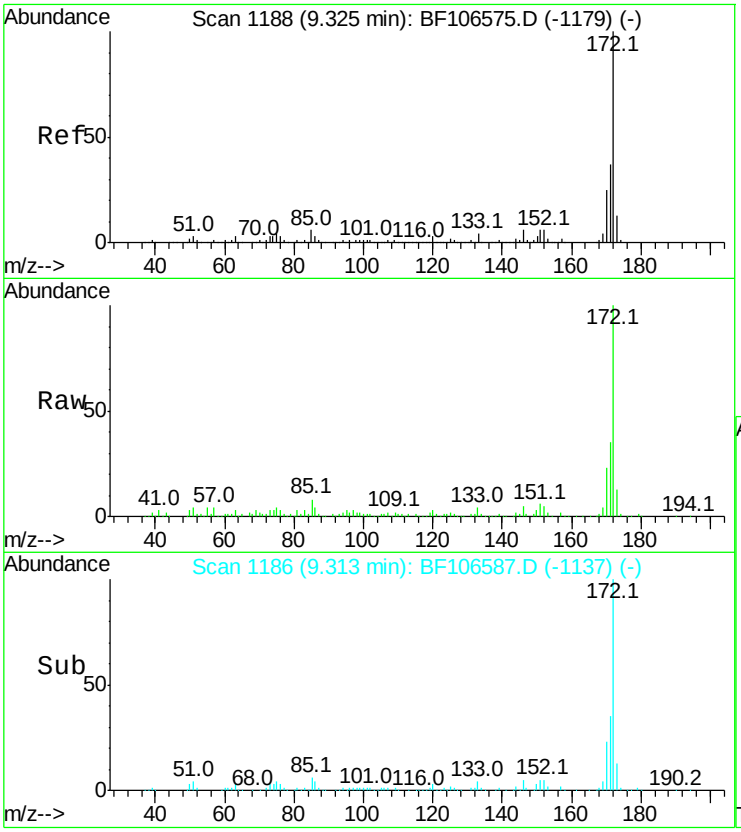


#41
2,4,6-Tribromophenol
Concen: 2.173 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion:330 Resp: 6028

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.0	29.9	44.9



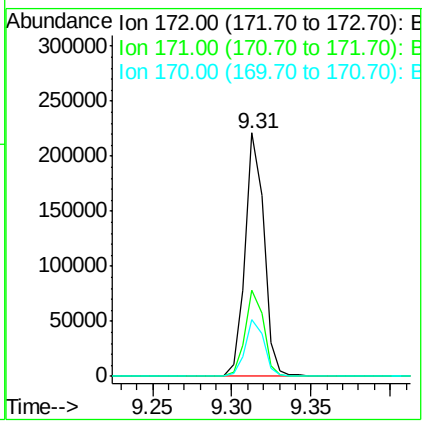


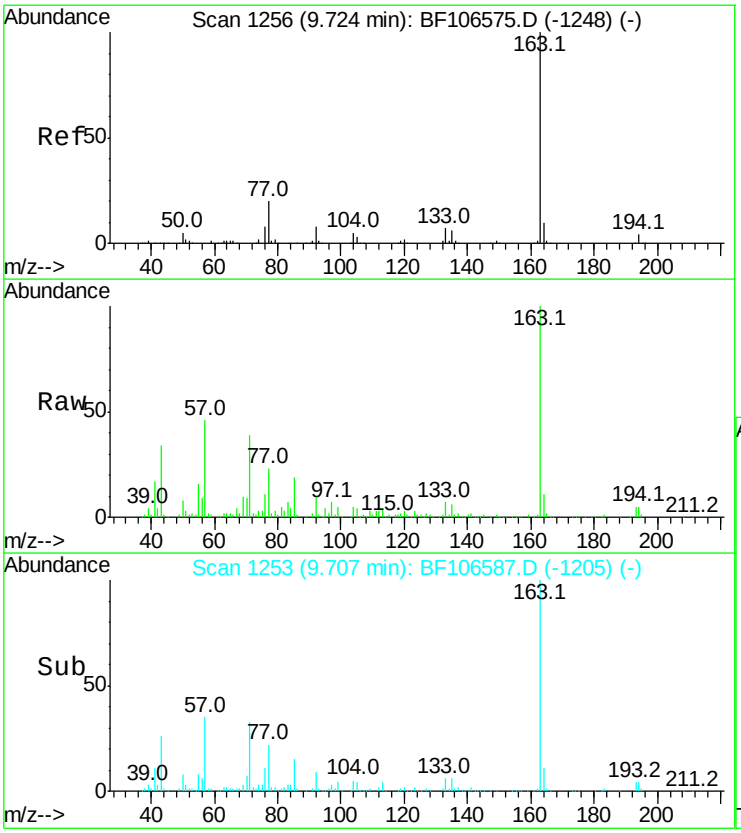
#44
2-Fluorobiphenyl
Concen: -2.257 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:172 Resp: 182233

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.0	19.6	29.4

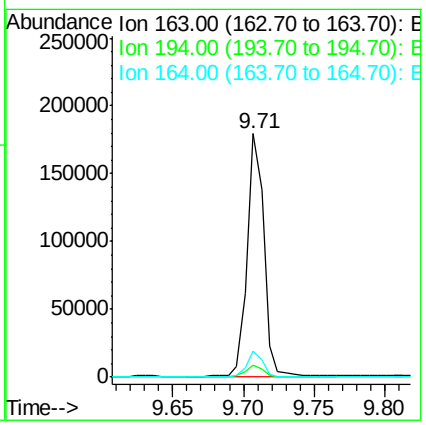


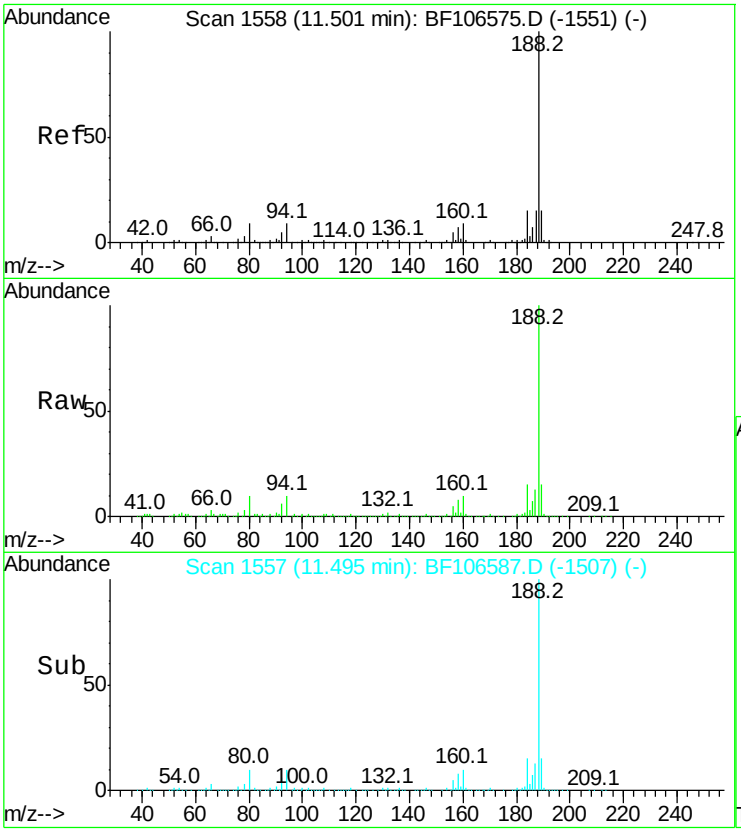


#49
Dimethylphthalate
Concen: 8.247 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion:163 Resp: 148067

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	10.5	8.2	12.2



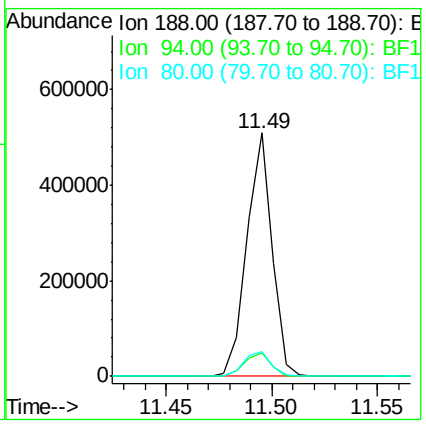


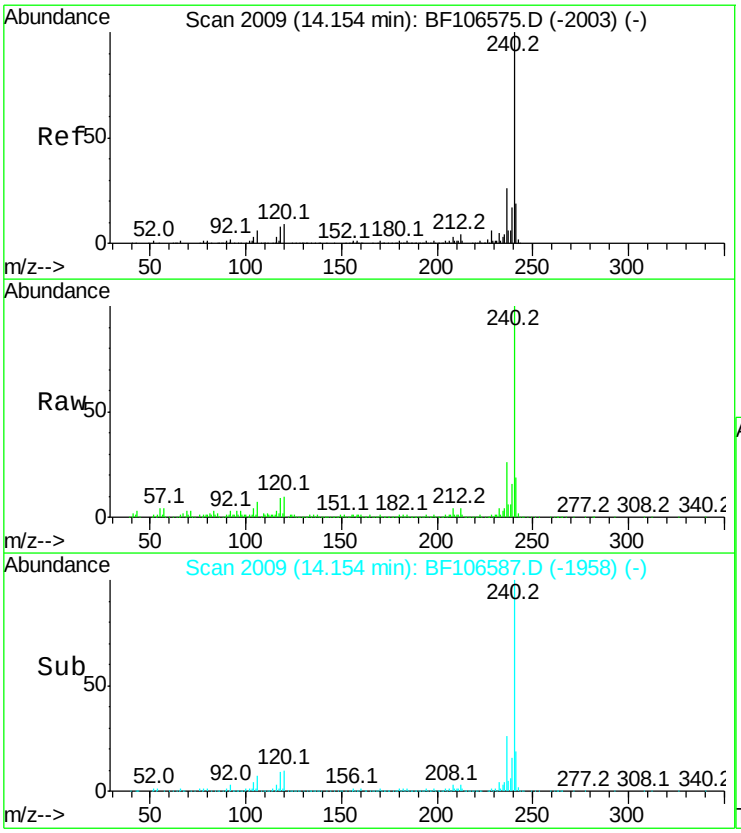
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:188 Resp: 422046

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.1	9.2	13.8

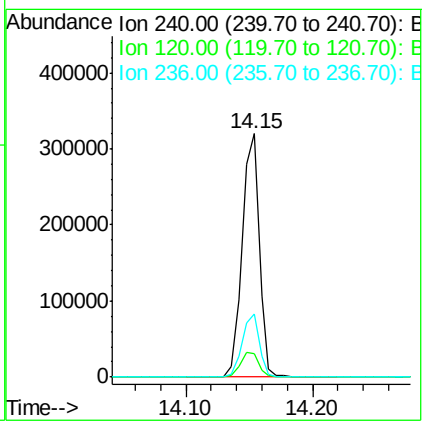


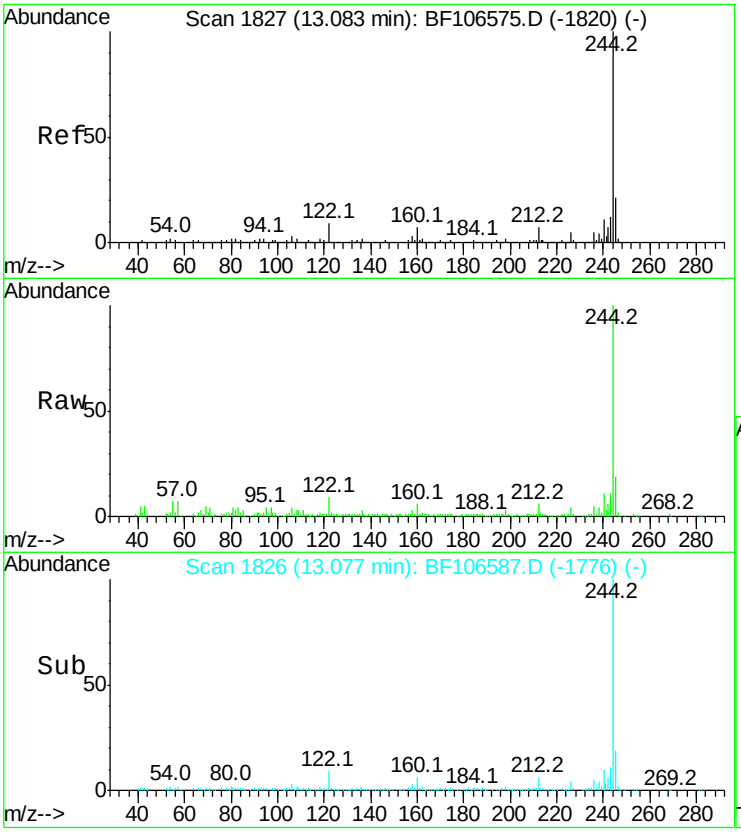


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion:240 Resp: 298020

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.8	20.7	31.1



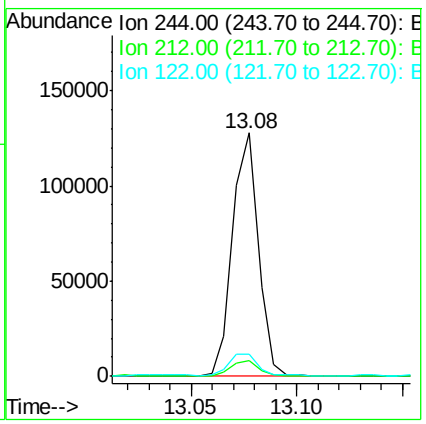


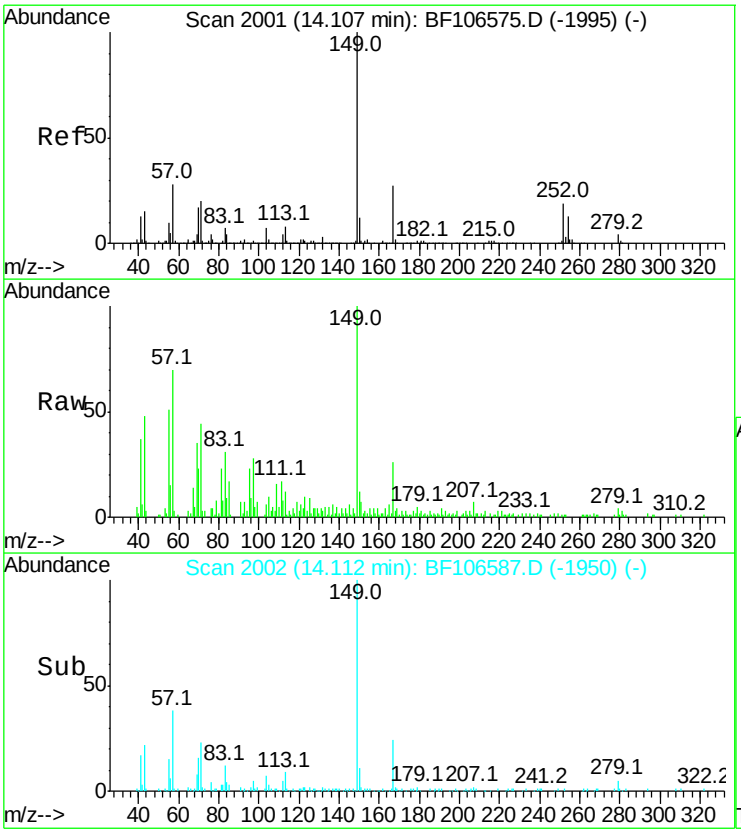
#78
Terphenyl-d14
Concen: 8.747 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:244 Resp: 107615

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.0	11.0	16.4#

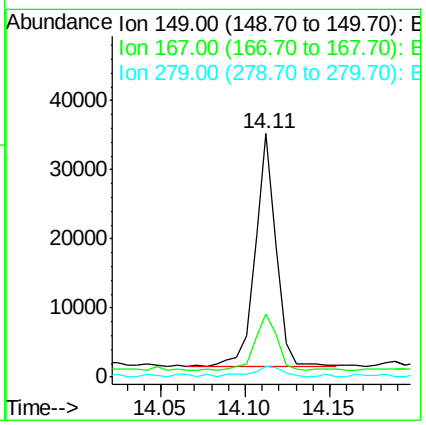


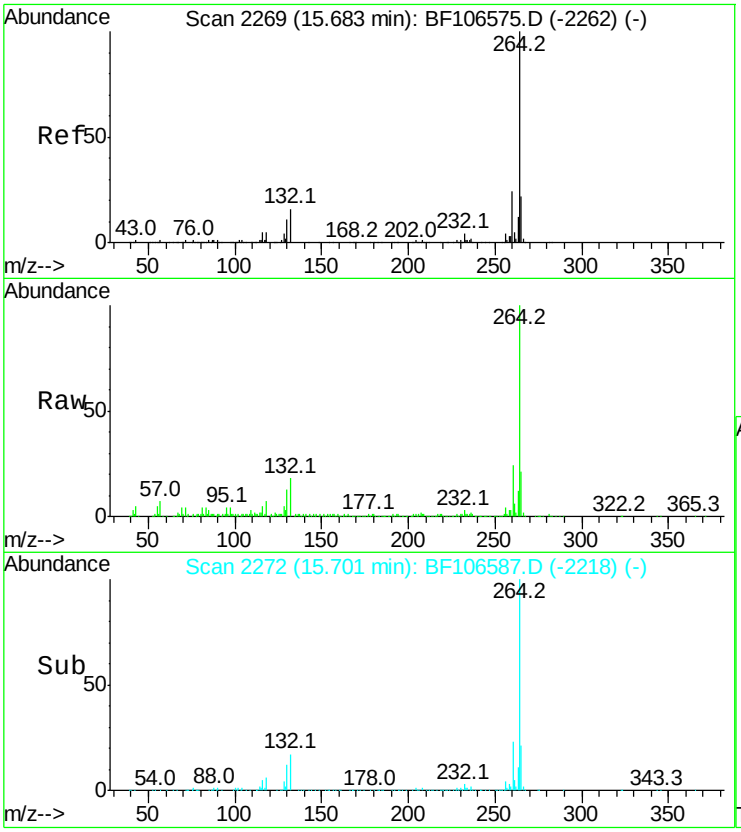


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.817 ng
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Tgt Ion:149 Resp: 29098

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	4.4	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF106587.D
Acq: 19 Jun 2018 17:34

Instrument :
BNA_F
ClientSampleId :
CAS1-WC-L-01RE

Tgt Ion:264 Resp: 361000

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.5	26.3