Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106330.D
Acq On : 12 Jun 2018 8:08
Operator : JU/SJ
Sample : J3309-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5R

Quant Time: Jun 12 11:39:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	199557	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	687062	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	323105	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	495438	20.00	ng		0.00
75) Chrysene-d12	14.15	240	539069	20.00	ng		-0.01
86) Perylene-d12	15.68	264	413856	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	684465	58.05	ng		0.00
7) Phenol-d6	6.59	99	542071	36.39	ng		0.00
23) Nitrobenzene-d5	7.54	82	1075601	92.10	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	414174	133.23	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1679717	96.16	ng		0.00
78) Terphenyl-d14	13.09	244	1639822	75.56	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.97	142	76630	3.622	ng		94
49) Dimethylphthalate	9.72	163	101135	4.381	ng	#	96

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

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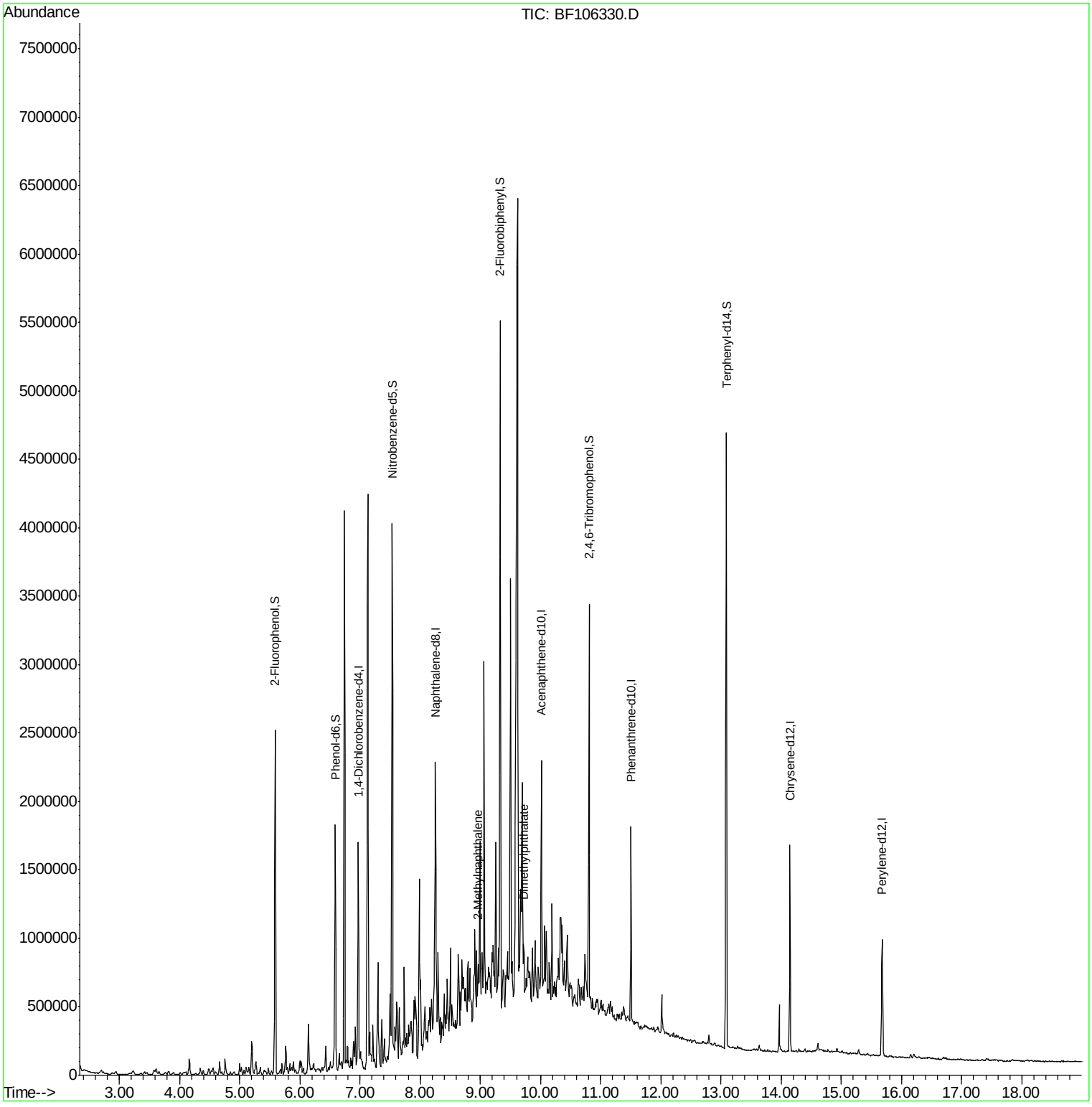
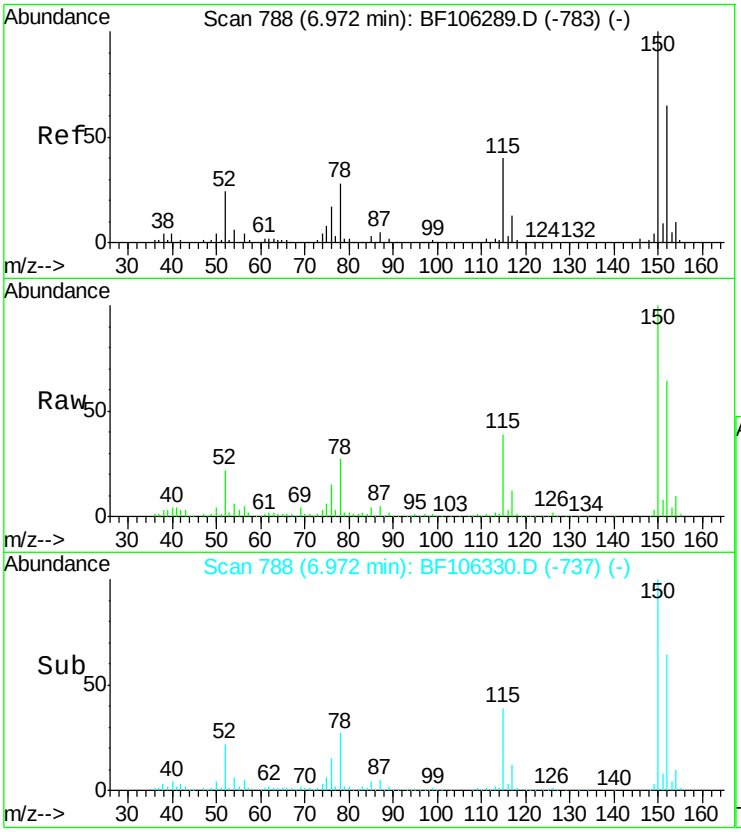


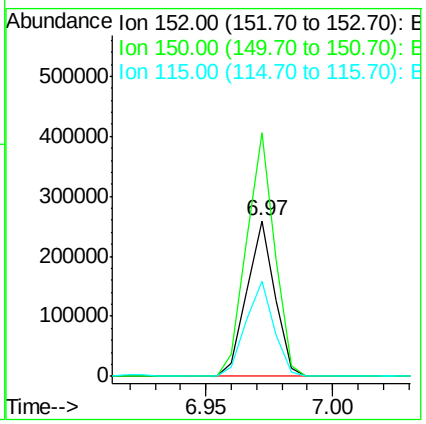


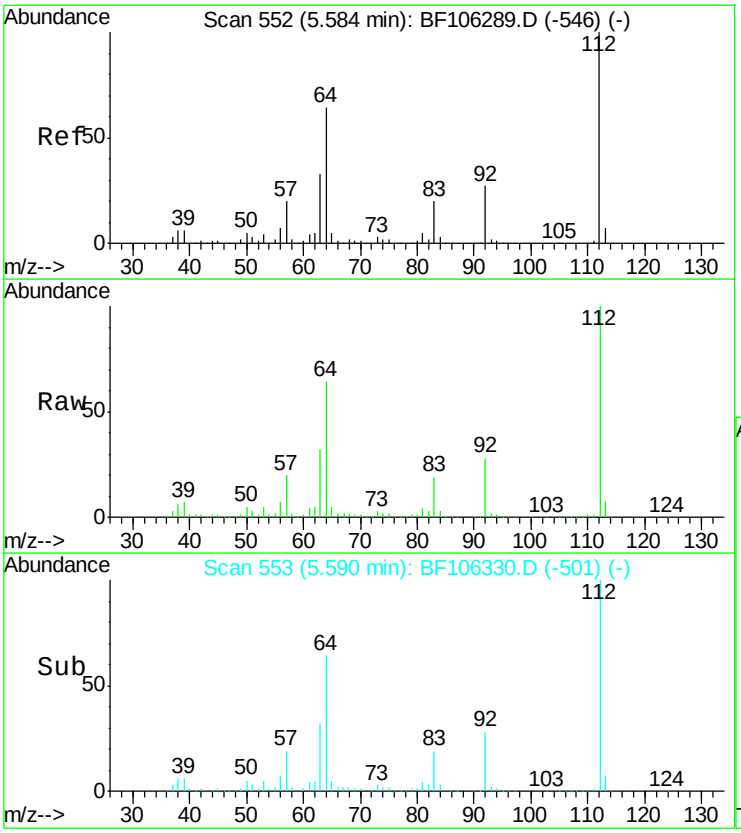
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion:152 Resp: 199557

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.3	50.1	75.1

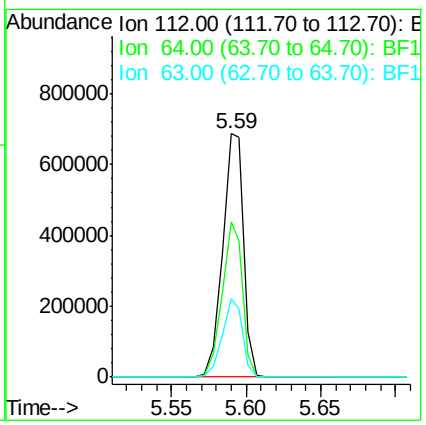


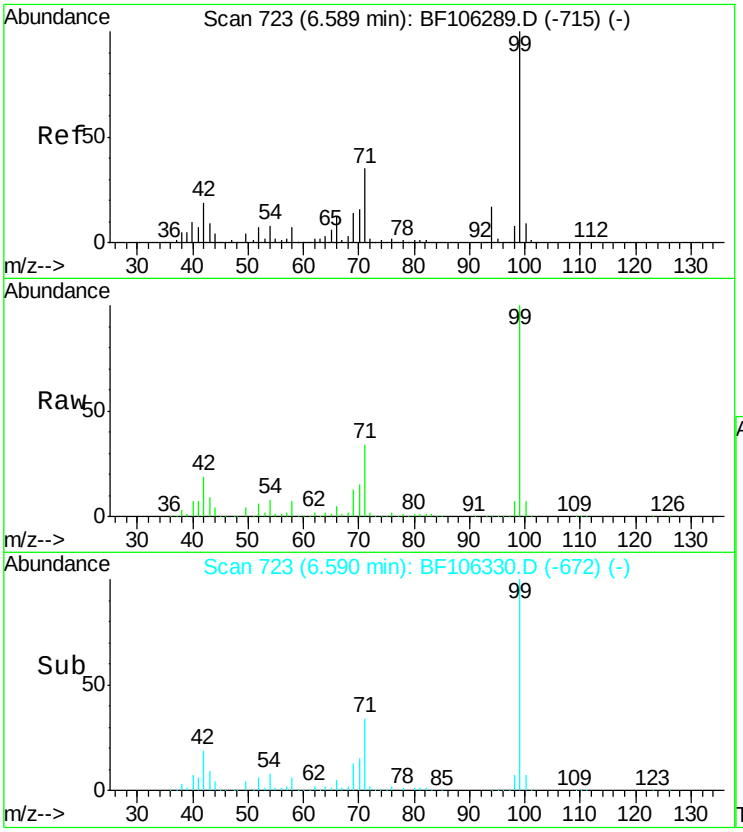


#5
2-Fluorophenol
Concen: 58.051 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:112 Resp: 684465

Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.9	71.9
63	32.2	23.7	35.5



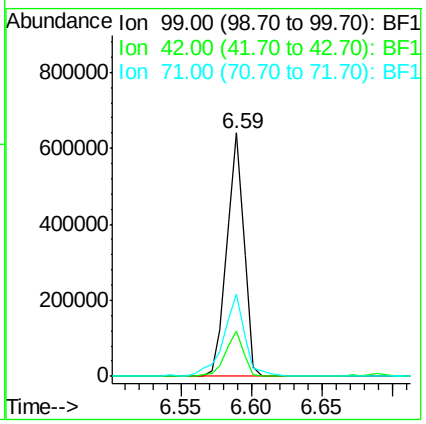


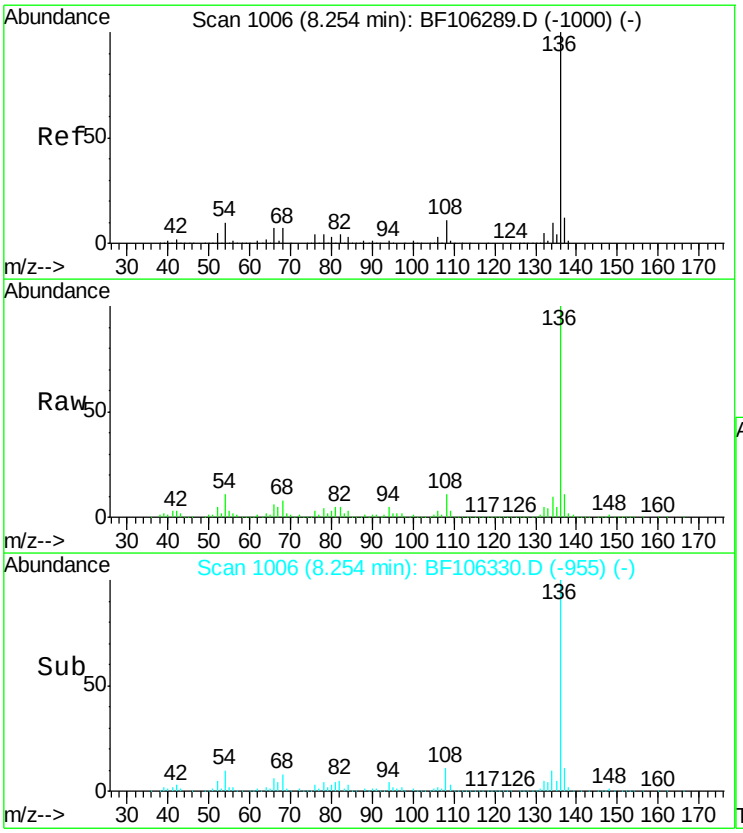
#7
Phenol-d6
Concen: 36.389 ng
RT: 6.59 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion: 99 Resp: 542071

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.8	25.4	38.0

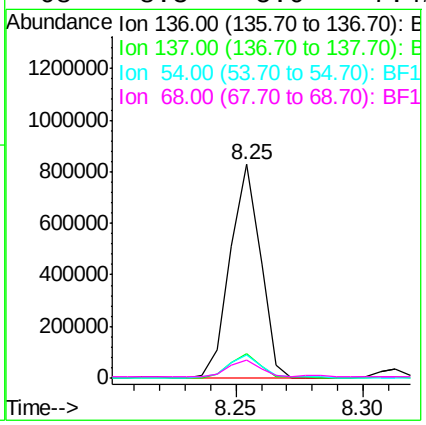


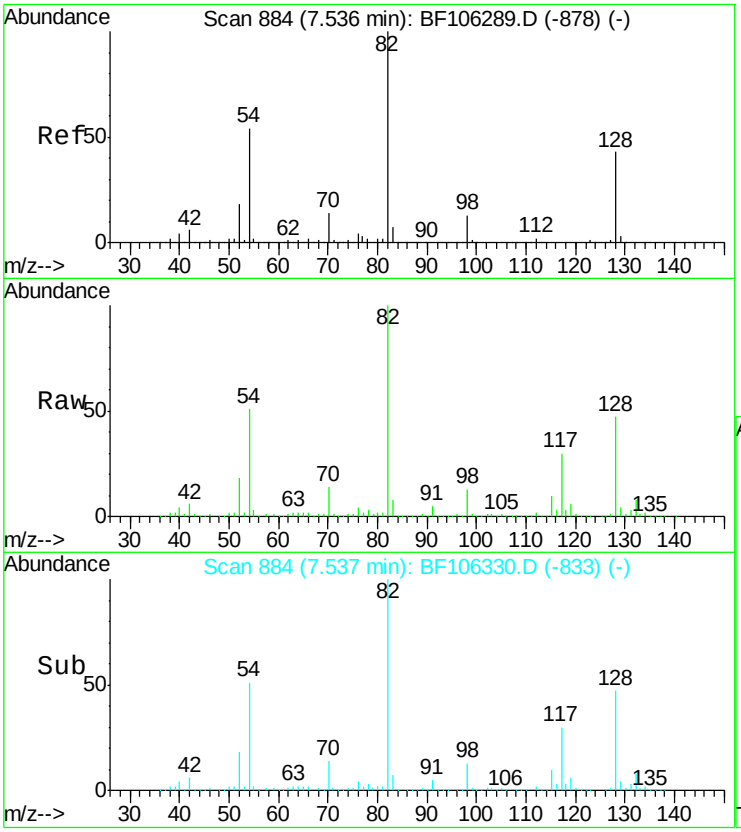


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:136 Resp: 687062

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.5	6.6	9.8#
68	8.3	5.0	7.4#



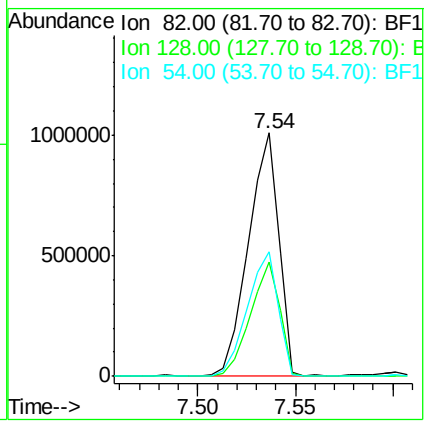


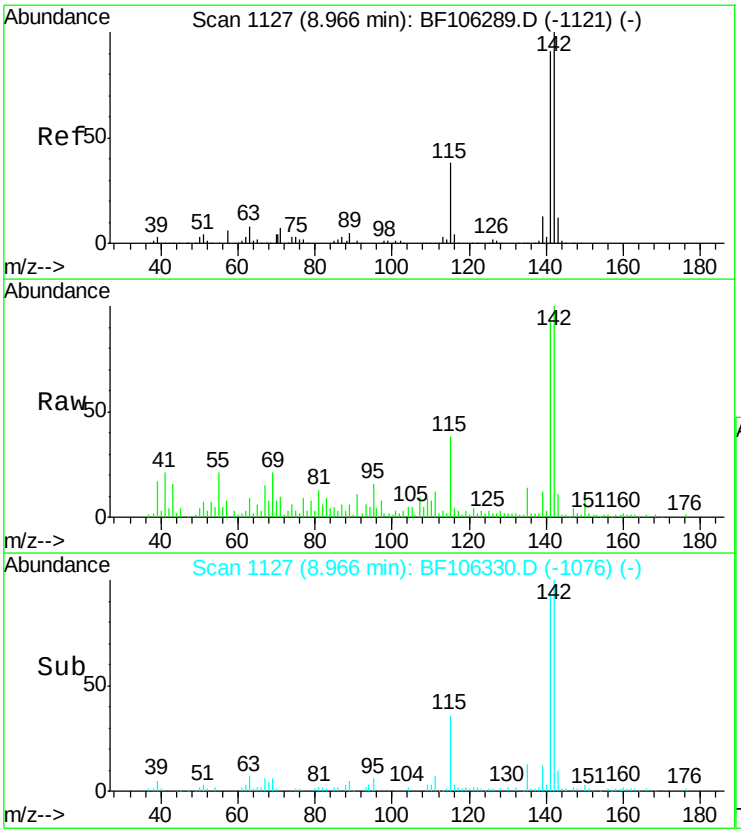
#23
Nitrobenzene-d5
Concen: 92.096 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion: 82 Resp: 1075601

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	51.4	41.4	62.2

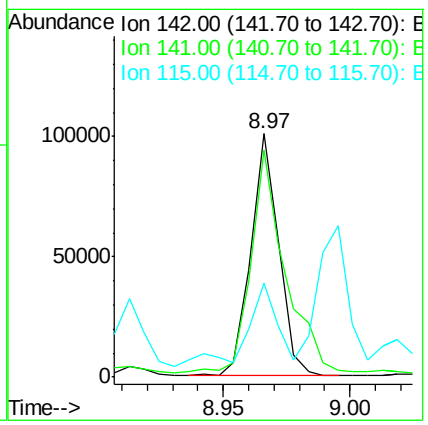


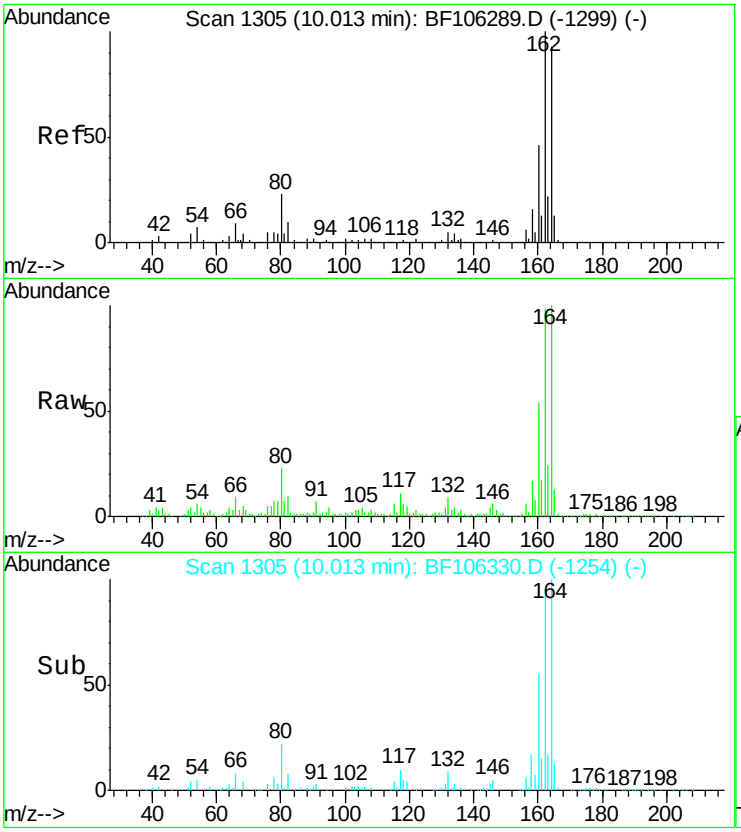


#37
2-Methylnaphthalene
Concen: 3.622 ng
RT: 8.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:142 Resp: 76630

Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.8	106.2
115	38.5	26.1	39.1



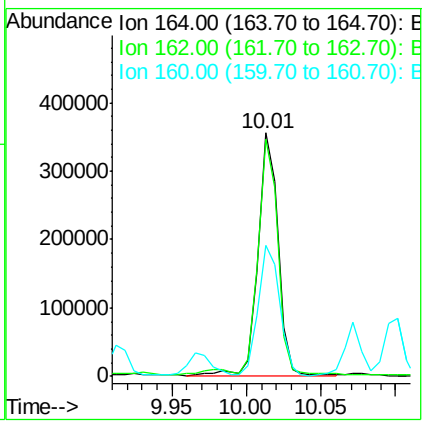


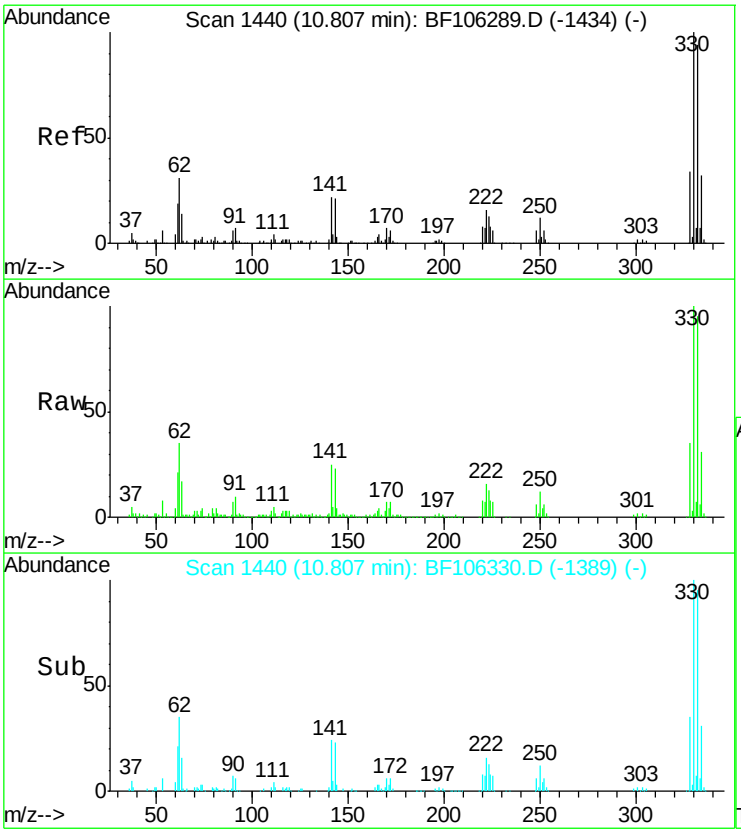
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion:164 Resp: 323105

Ion	Ratio	Lower	Upper
164	100		
162	97.6	86.1	129.1
160	54.0	38.3	57.5

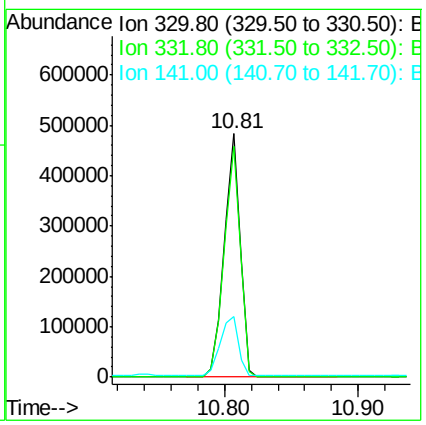


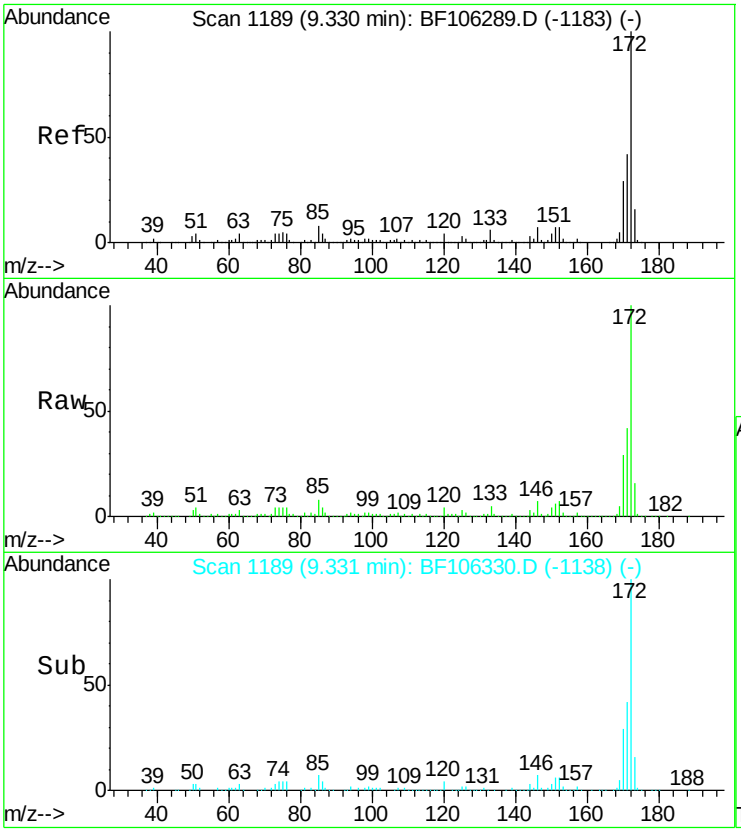


#41
2,4,6-Tribromophenol
Concen: 133.225 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:330 Resp: 414174

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.1	29.9	44.9#



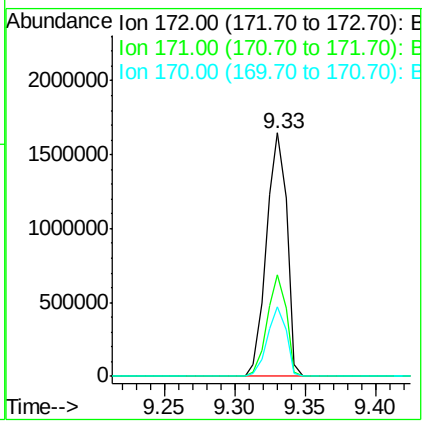


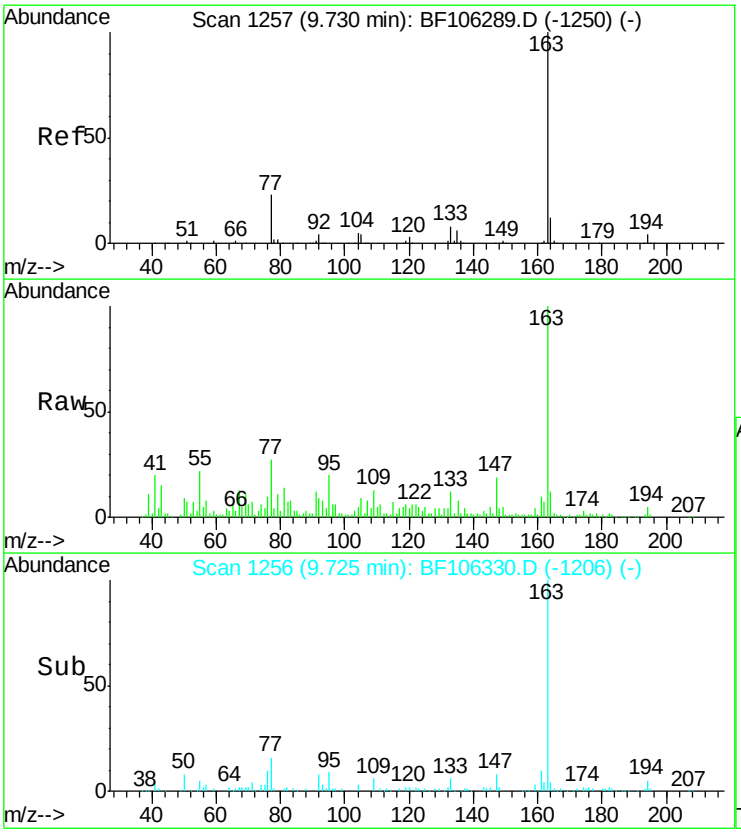
#44
2-Fluorobiphenyl
Concen: 96.159 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion:172 Resp: 1679717

Ion	Ratio	Lower	Upper
172	100		
171	41.7	29.7	44.5
170	28.7	19.6	29.4

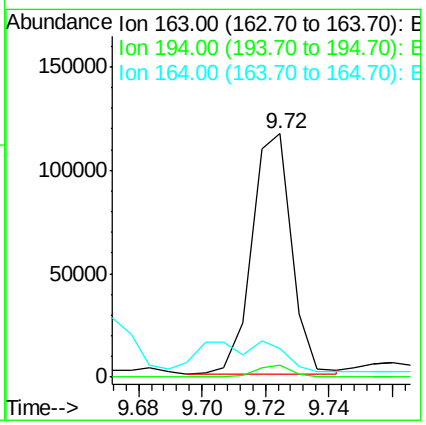


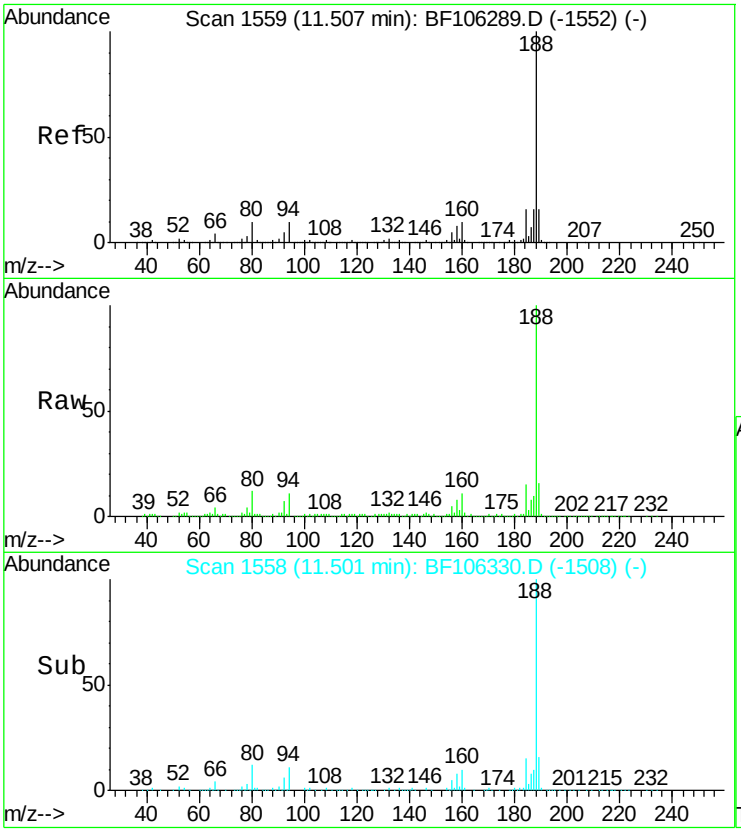


#49
Dimethylphthalate
Concen: 4.381 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:163 Resp: 101135

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	11.7	8.2	12.2



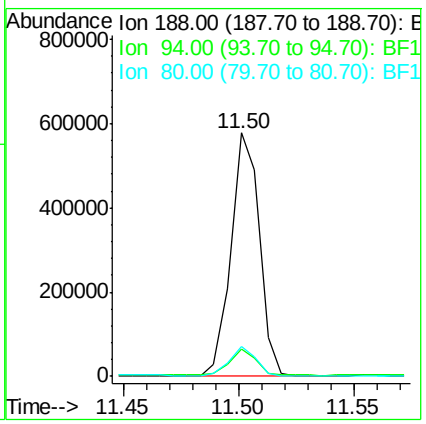


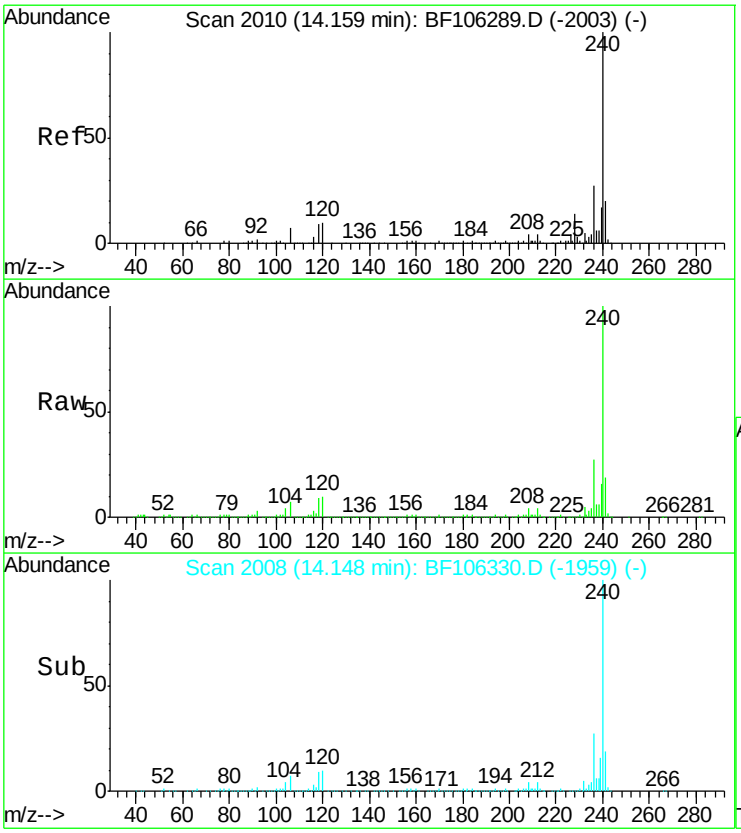
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion:188 Resp: 495438

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.4	9.2	13.8

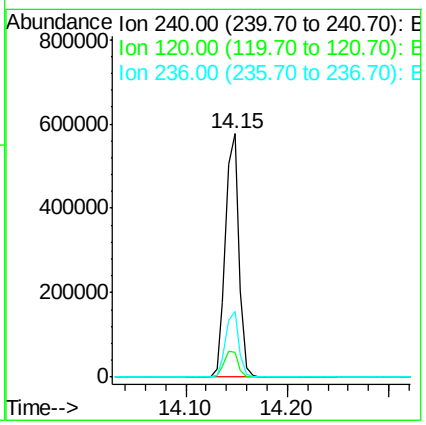


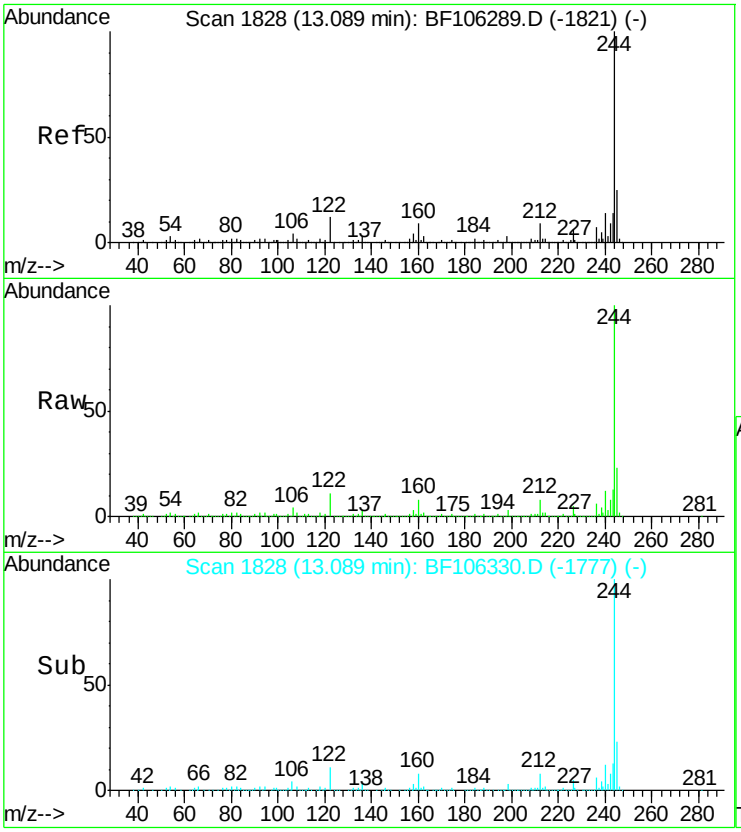


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:240 Resp: 539069

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.8	20.7	31.1



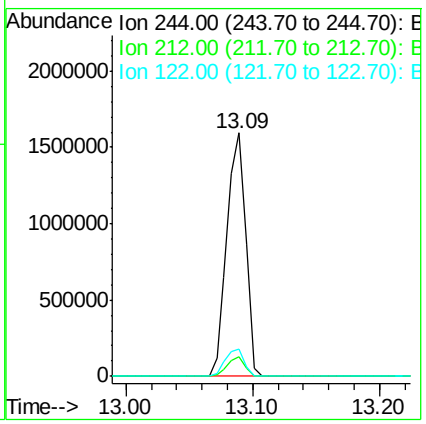


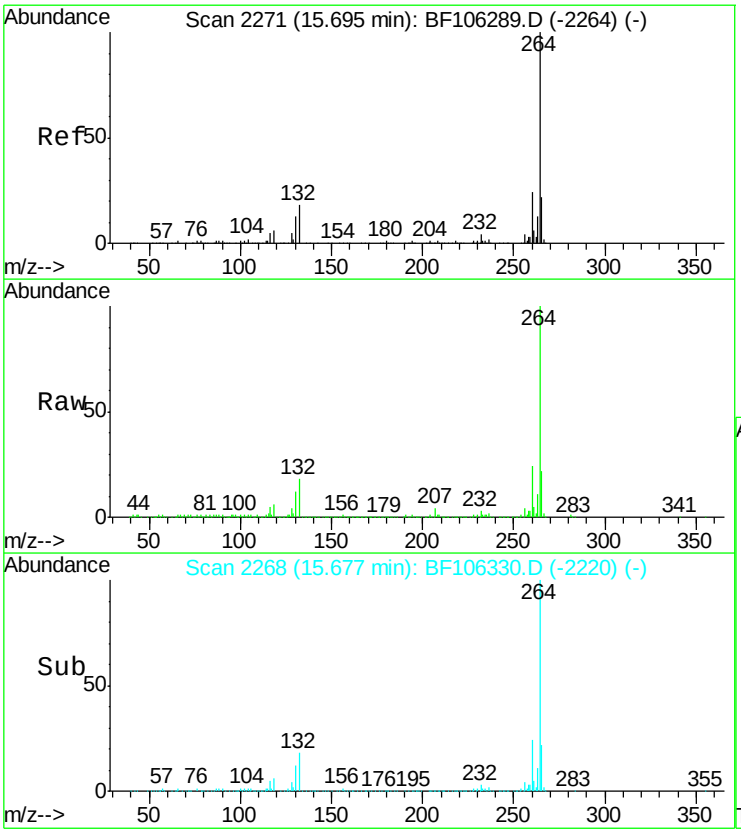
#78
Terphenyl-d14
Concen: 75.555 ng
RT: 13.09 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :
MW-5R

Tgt Ion:244 Resp: 1639822

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:264 Resp: 413856

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3