Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106367.D
Acq On : 13 Jun 2018 1:53
Operator : JU/SJ
Sample : PB110114BL
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110114BL

Quant Time: Jun 13 04:50:59 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	137005	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	453407	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	190124	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	378352	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375191	20.00	ng	0.00
86) Perylene-d12	15.69	264	266528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	983360	121.48	ng	0.04
7) Phenol-d6	6.62	99	1247631	121.99	ng	0.03
23) Nitrobenzene-d5	7.54	82	718792	93.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	240304	131.36	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1144672	122.02	ng	0.00
78) Terphenyl-d14	13.09	244	1376543	91.13	ng	0.00

Target Compounds	Qvalue

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

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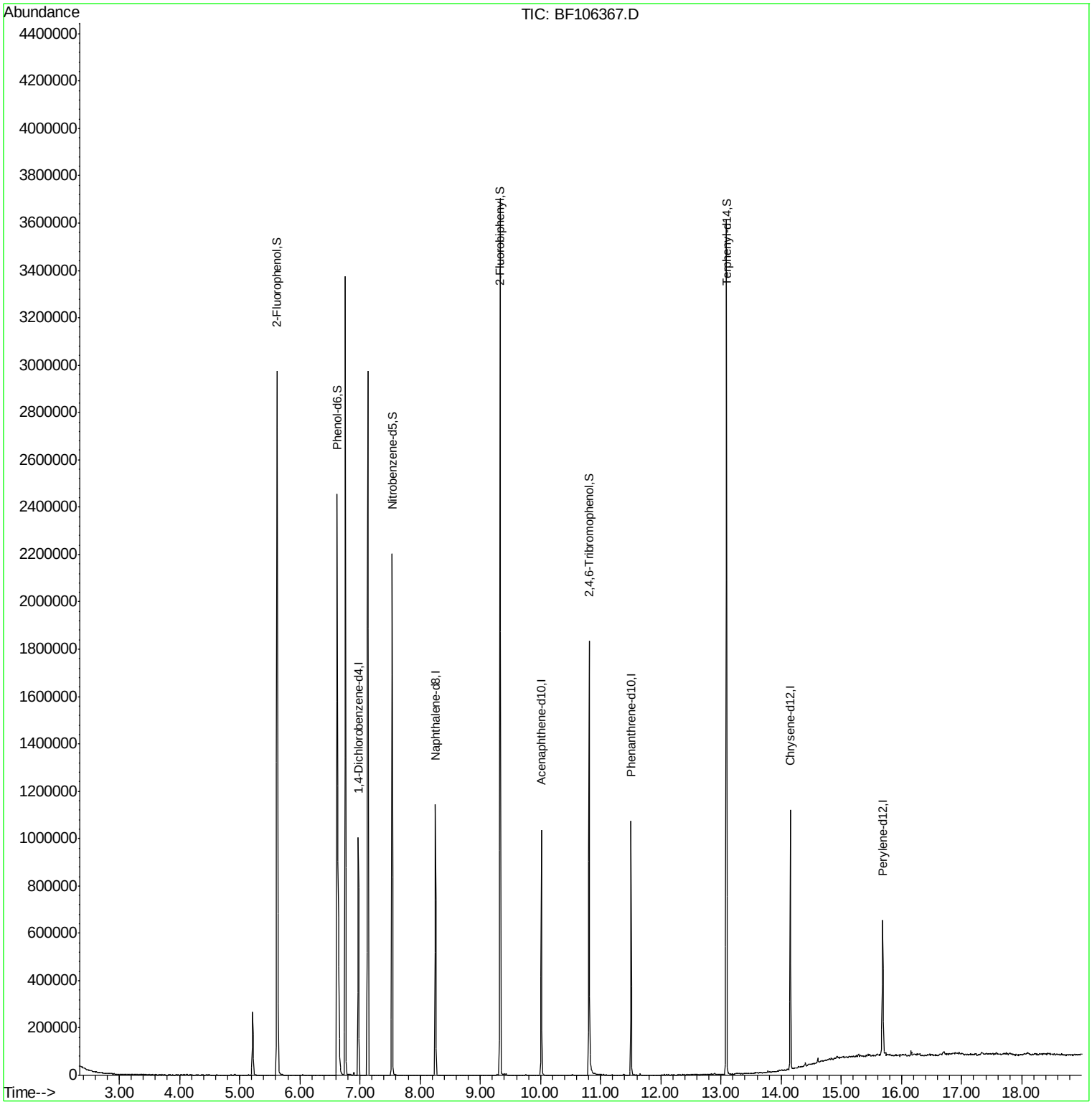
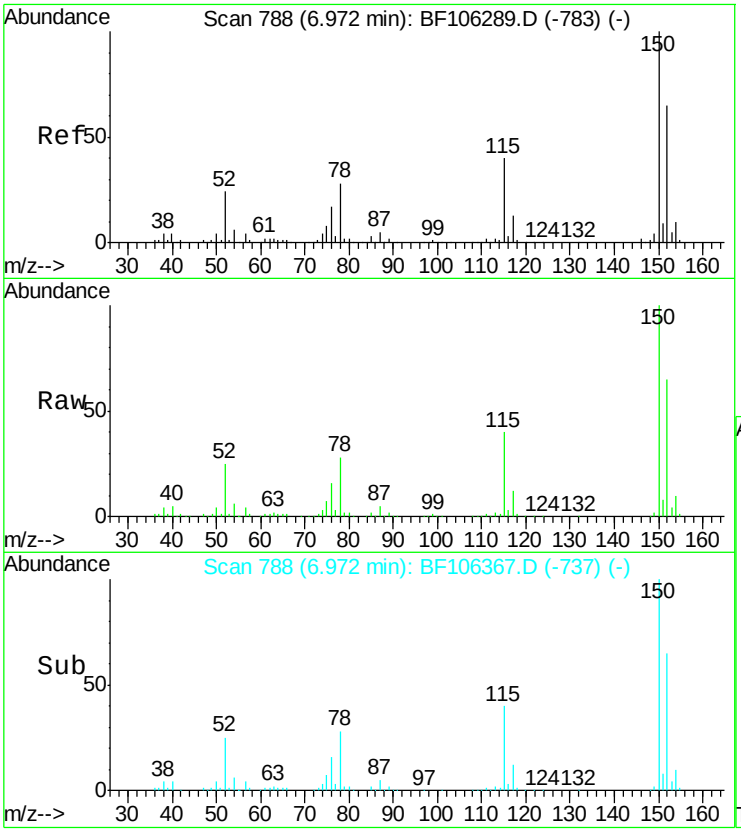


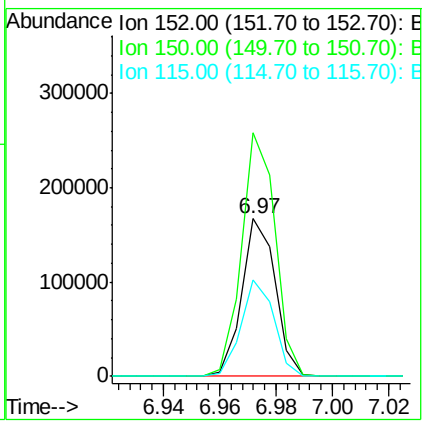


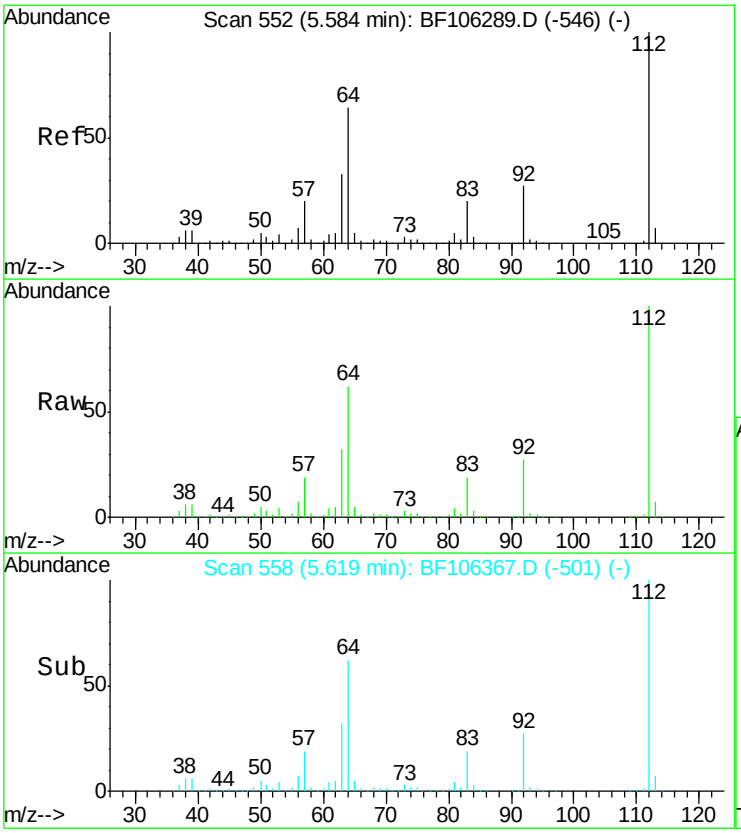
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion:152 Resp: 137005

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.2	50.1	75.1

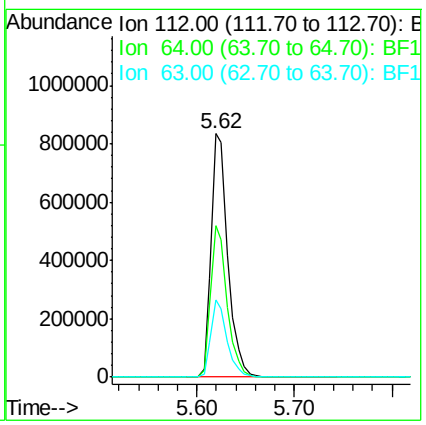


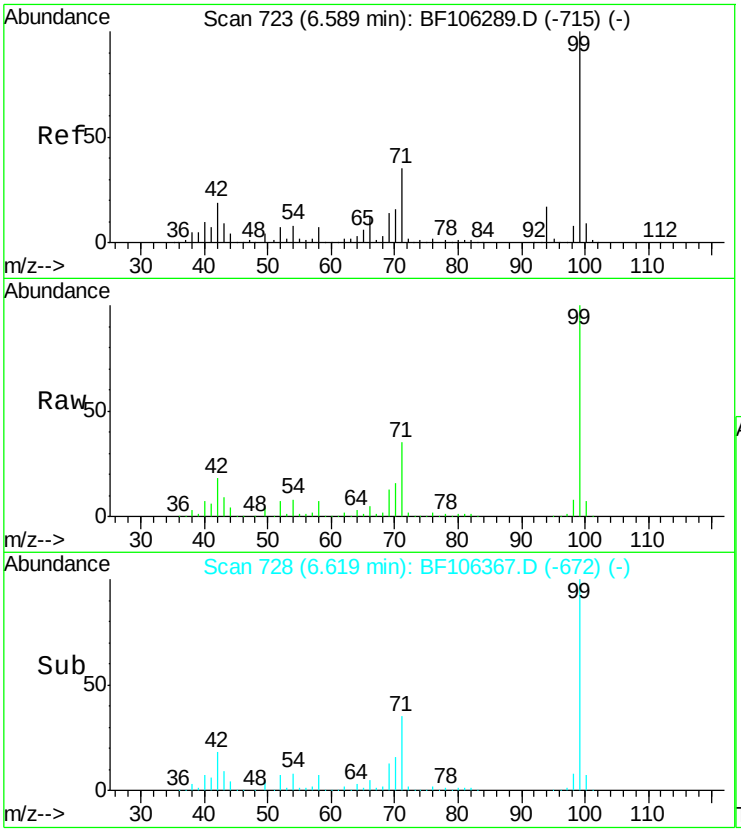


#5
2-Fluorophenol
Concen: 121.480 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.04 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:112 Resp: 983360

Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	31.6	23.7	35.5



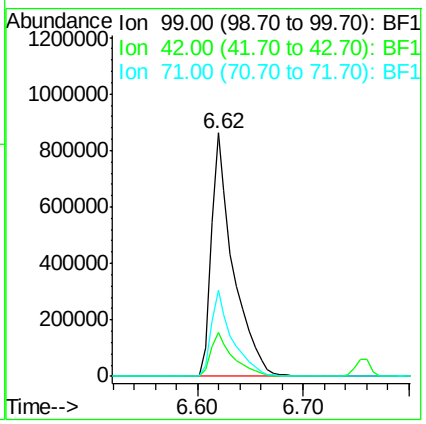


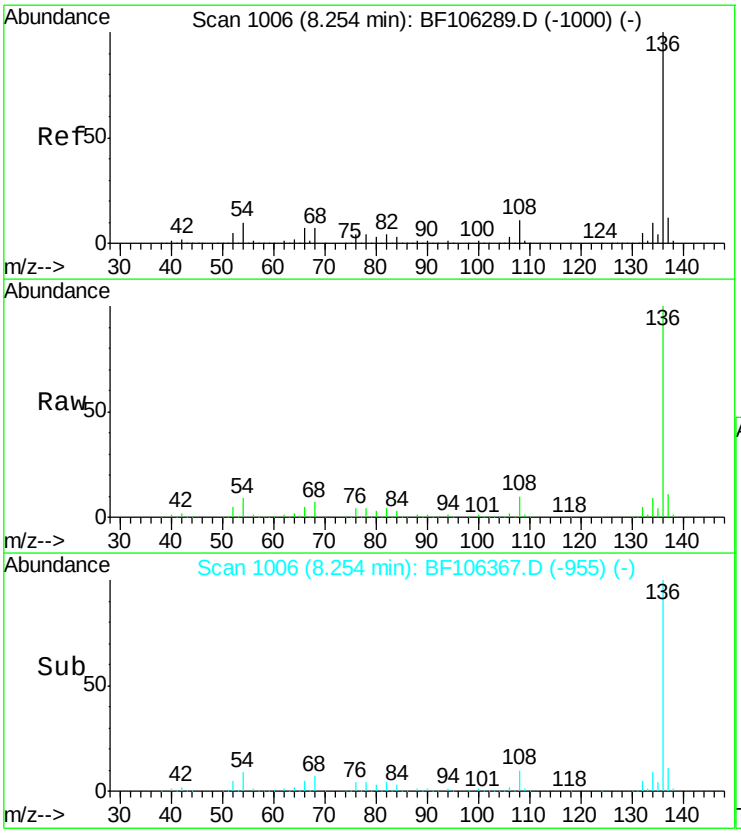
#7
Phenol-d6
Concen: 121.993 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.03 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion: 99 Resp: 1247631

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	35.3	25.4	38.0

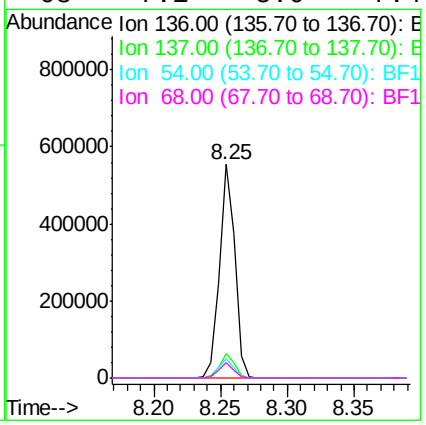


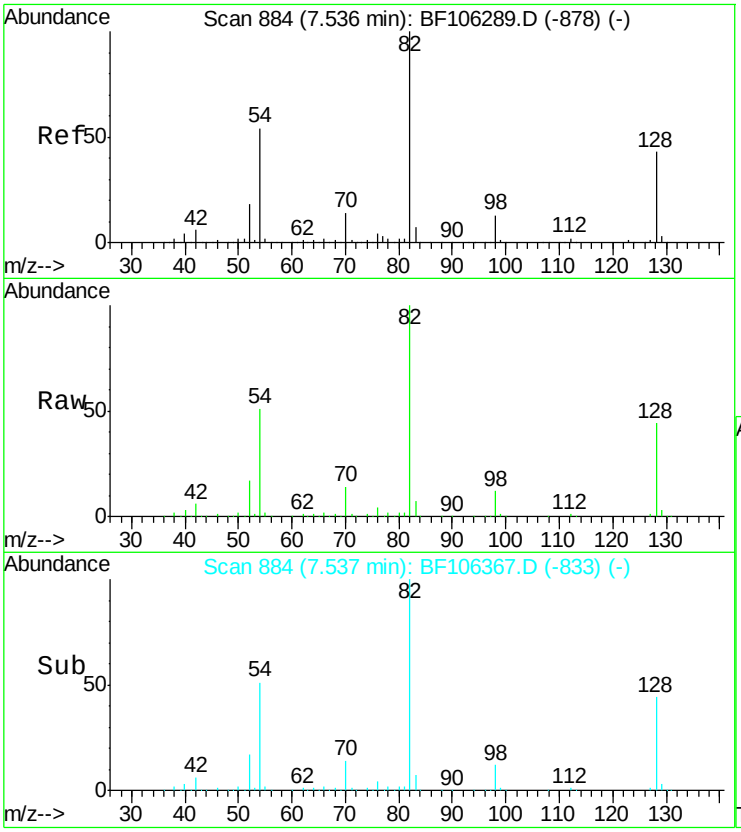


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:136 Resp: 453407

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	6.6	9.8
68	7.1	5.0	7.4



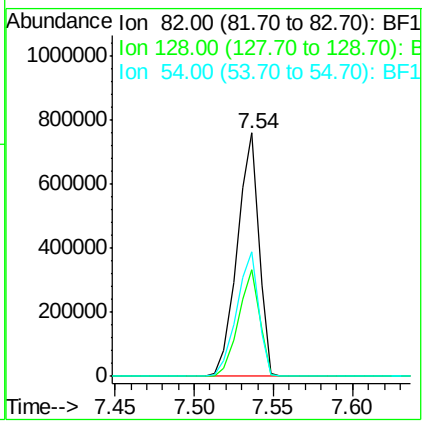


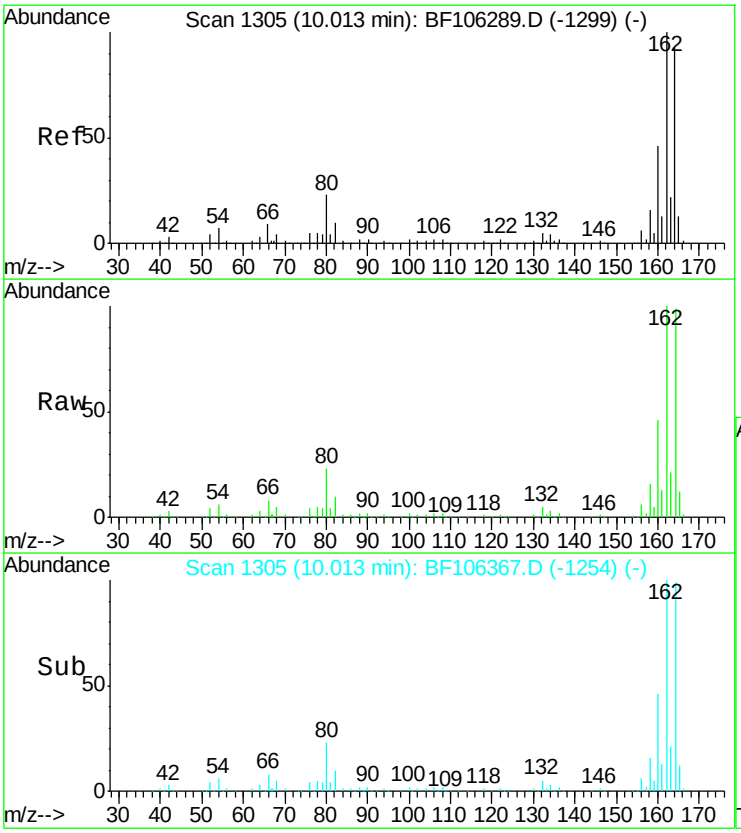
#23
Nitrobenzene-d5
Concen: 93.262 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion: 82 Resp: 718792

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	51.1	41.4	62.2

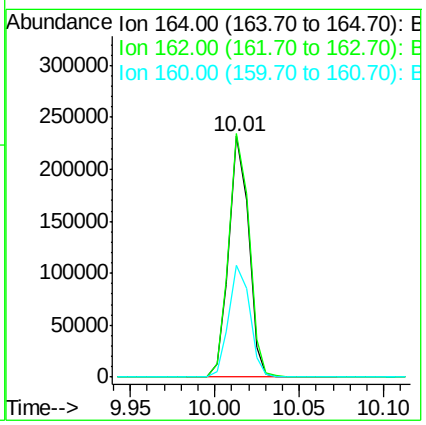


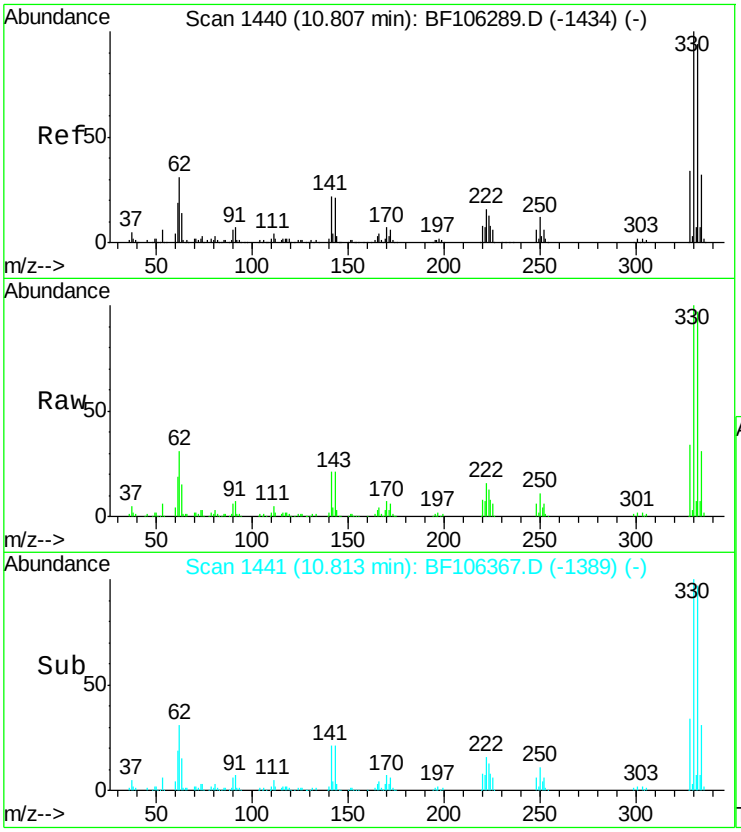


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:164 Resp: 190124

Ion	Ratio	Lower	Upper
164	100		
162	101.2	86.1	129.1
160	46.2	38.3	57.5



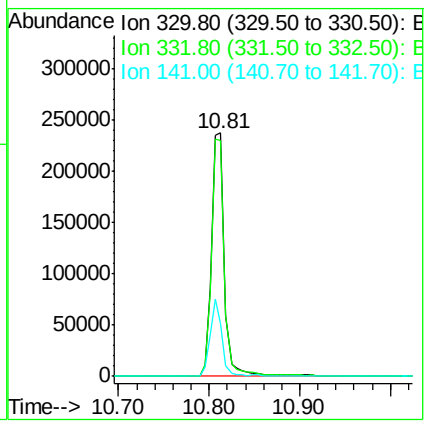


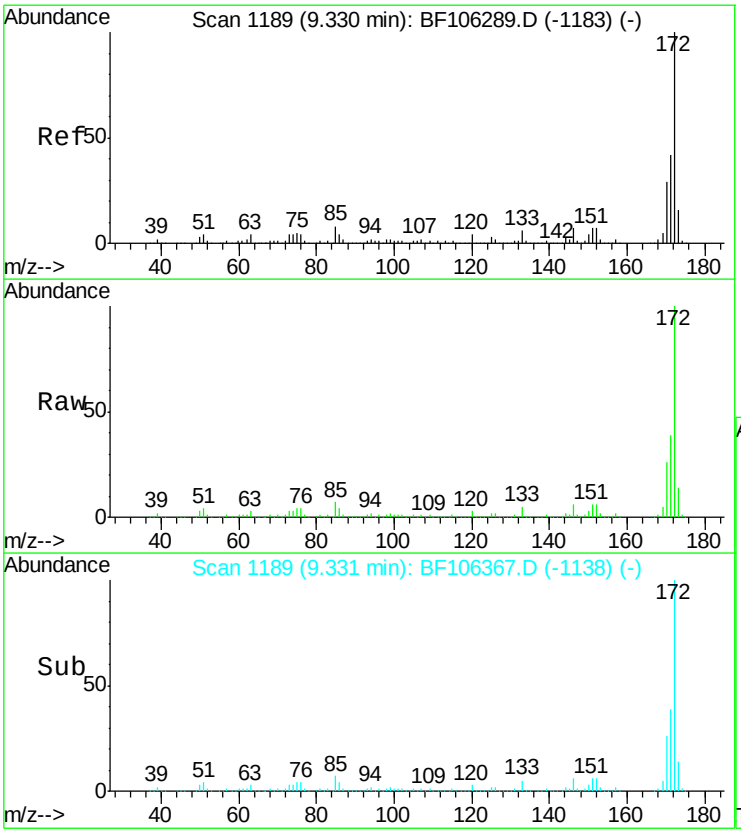
#41
2,4,6-Tribromophenol
Concen: 131.362 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion:330 Resp: 240304

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.8	29.9	44.9#

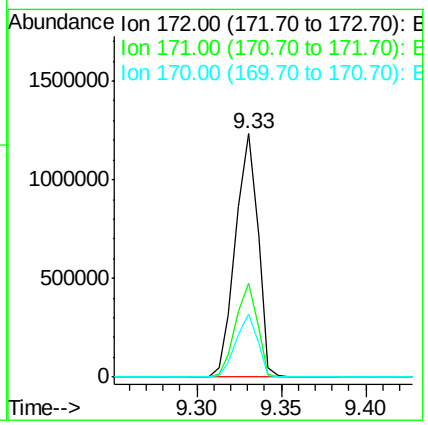


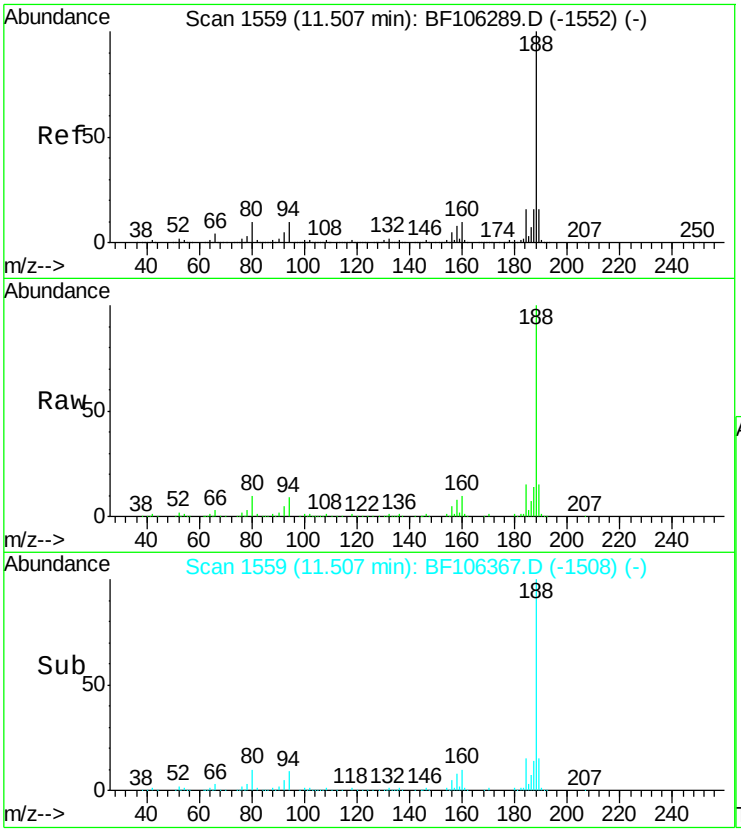


#44
2-Fluorobiphenyl
Concen: 122.022 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:172 Resp: 1144672

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.7	44.5
170	25.9	19.6	29.4



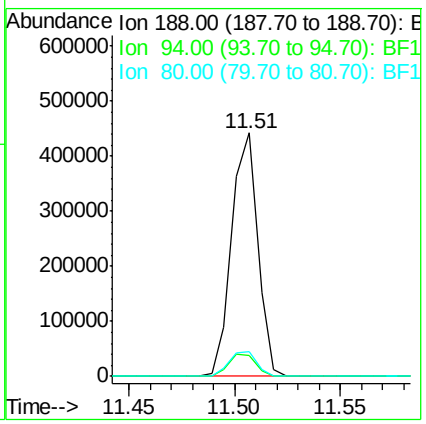


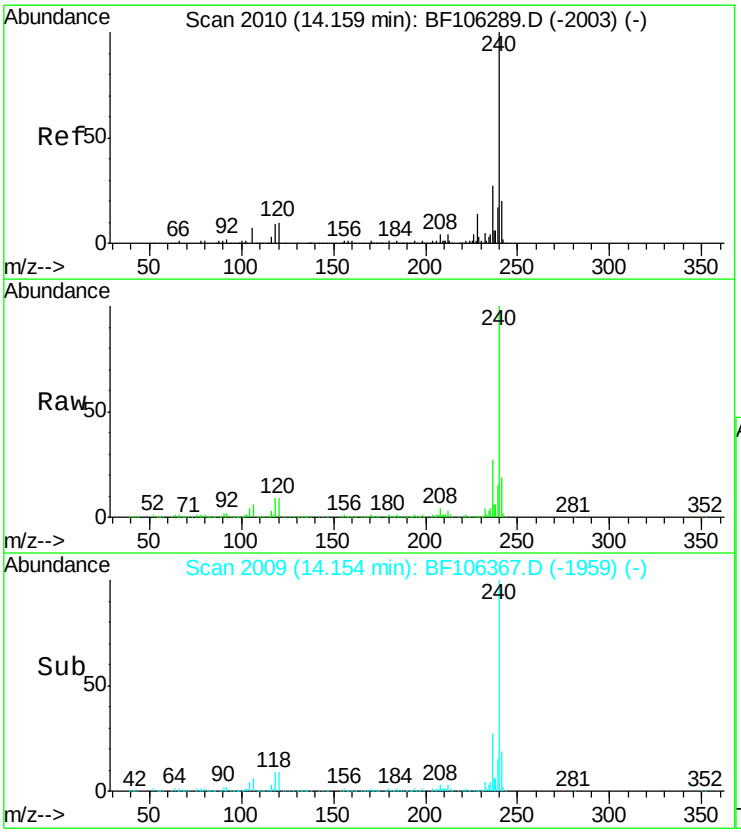
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion:188 Resp: 378352

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.1	9.2	13.8

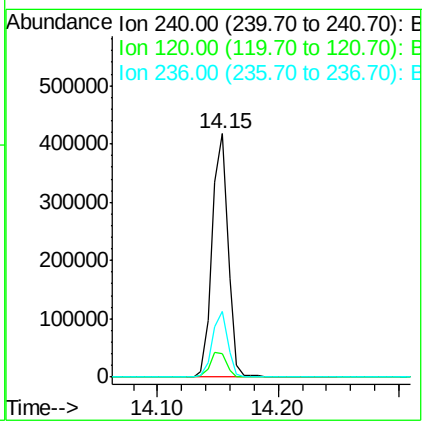


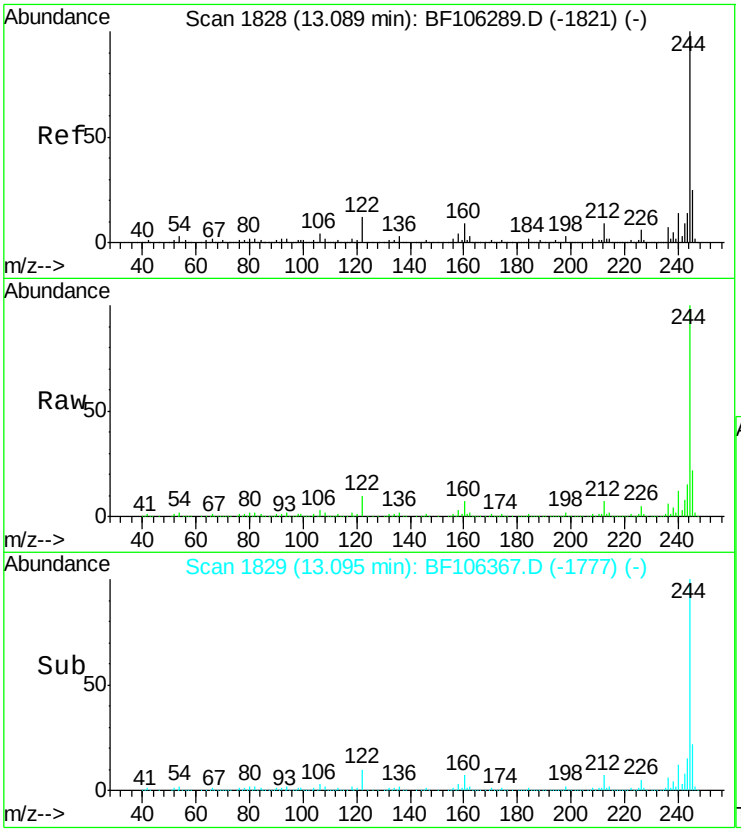


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:240 Resp: 375191

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.8	20.7	31.1



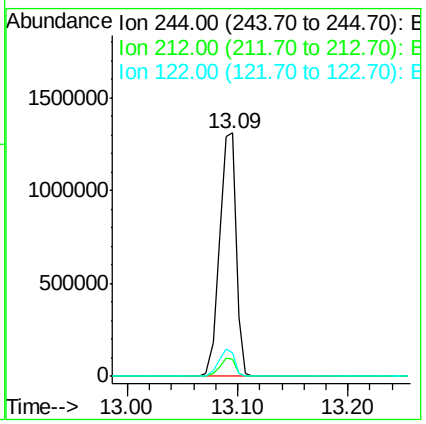


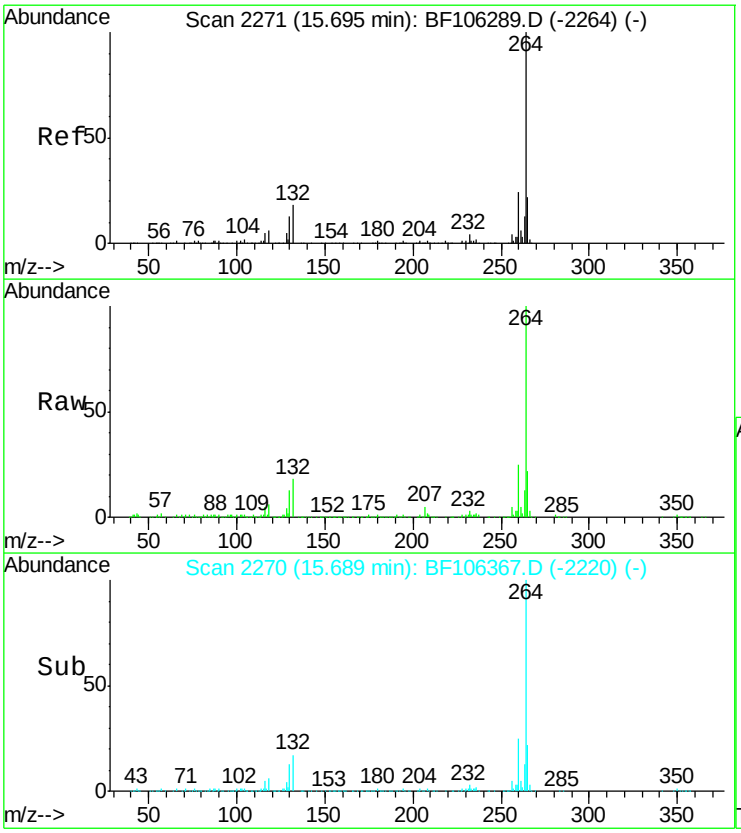
#78
Terphenyl-d14
Concen: 91.128 ng
RT: 13.09 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Instrument :
BNA_F
ClientSampleId :
PB110114BL

Tgt Ion:244 Resp: 1376543

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.7	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF106367.D
Acq: 13 Jun 2018 1:53

Tgt Ion:264 Resp: 266528

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.5	26.3