Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101180.D
Acq On : 6 Dec 2017 20:53
Operator : SJ/JU
Sample : I6741-01 20X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-7

Quant Time: Dec 06 23:52:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	42359	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	147758	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	66179	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107110	20.00	ng	0.00
75) Chrysene-d12	14.02	240	87958	20.00	ng	0.00
86) Perylene-d12	15.50	264	90915	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	11307	4.41	ng	0.00
7) Phenol-d6	6.48	99	13518	4.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	8202	3.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	2311	2.91	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	19807	4.09	ng	0.00
78) Terphenyl-d14	12.96	244	15274	3.80	ng	0.00
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.89	165	8205	7.299	ng	# 24
56) 2,4-Dinitrotoluene	9.89	165	8205	5.446	ng	# 21

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

Quantitation Report (Not Reviewed)

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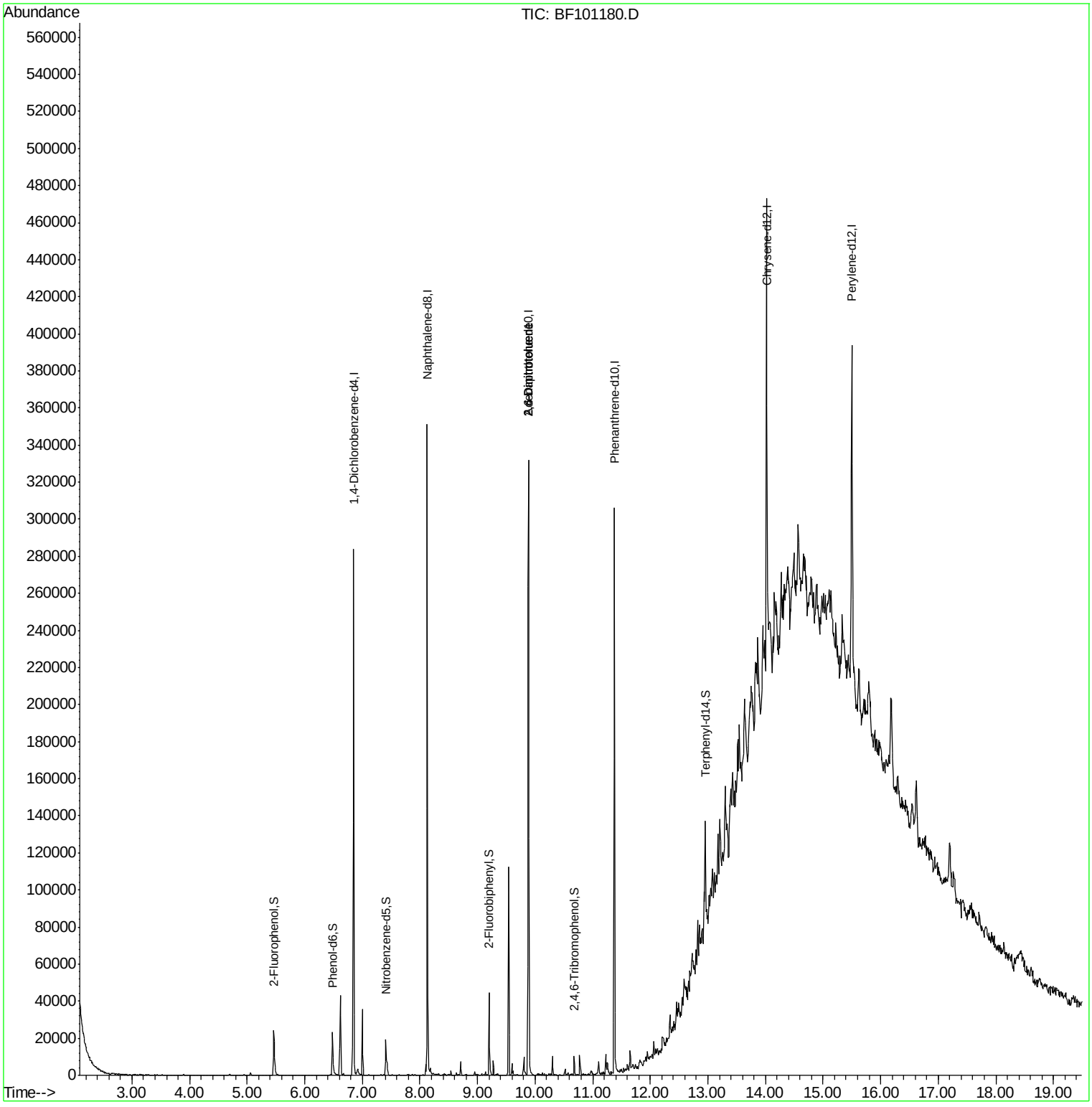
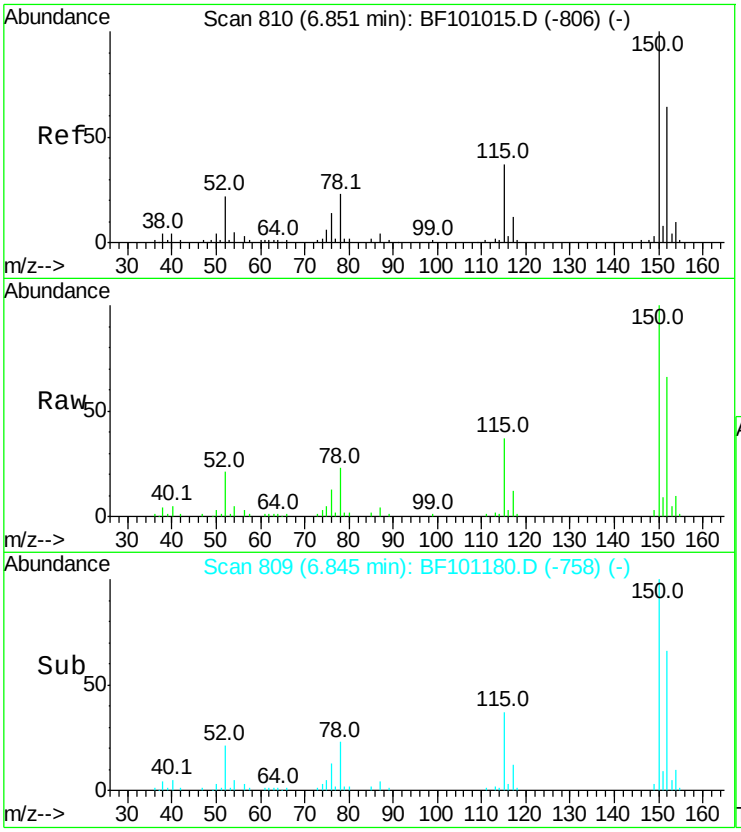
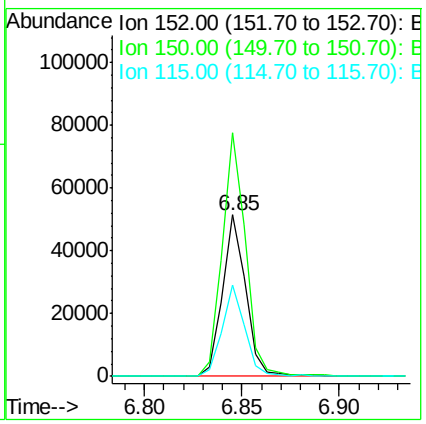




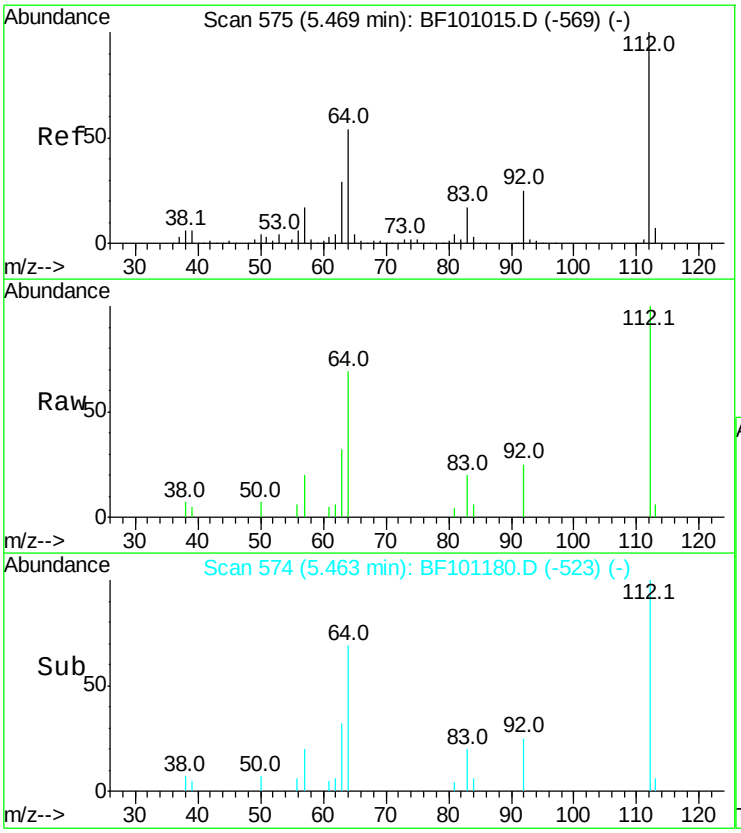
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:152 Resp: 42359

Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.6	186.8
115	56.3	50.1	75.1



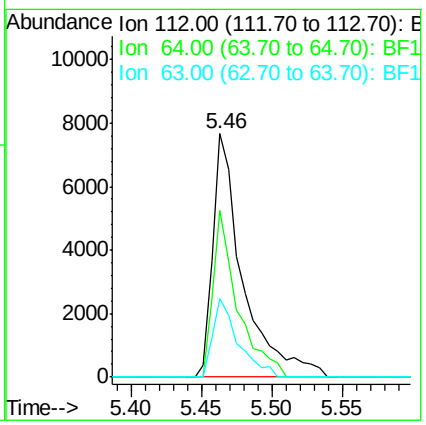
Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

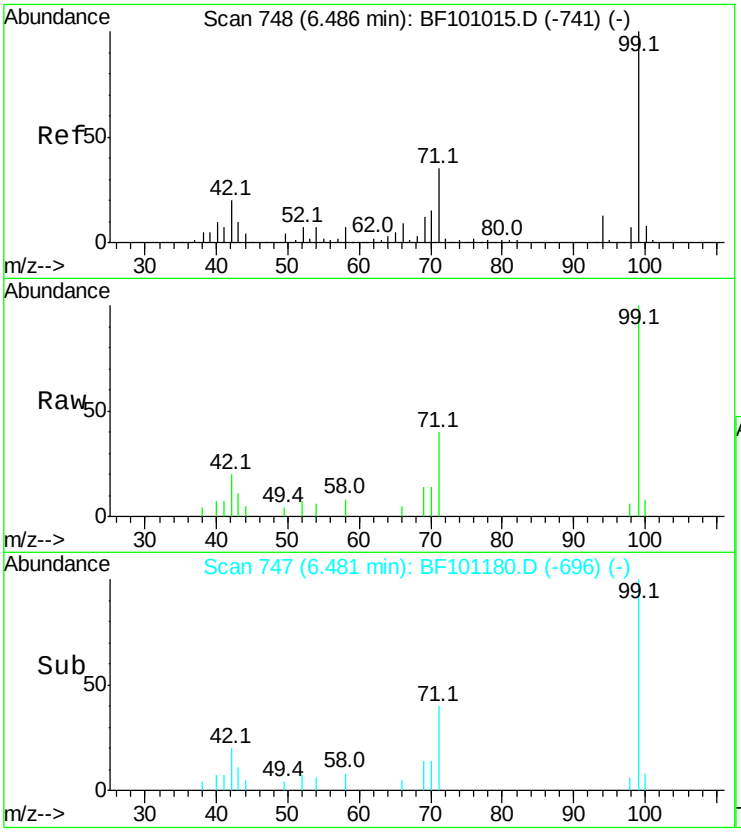


#5
2-Fluorophenol
Concen: 4.411 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:112 Resp: 11307

Ion	Ratio	Lower	Upper
112	100		
64	68.5	47.9	71.9
63	32.3	23.7	35.5



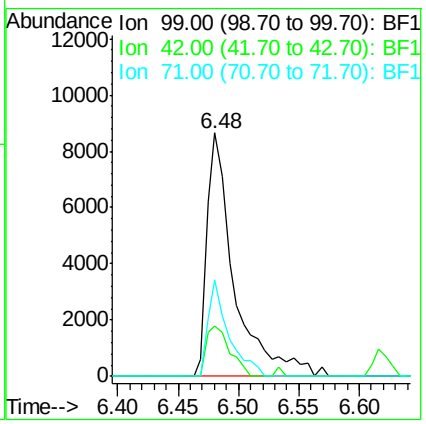


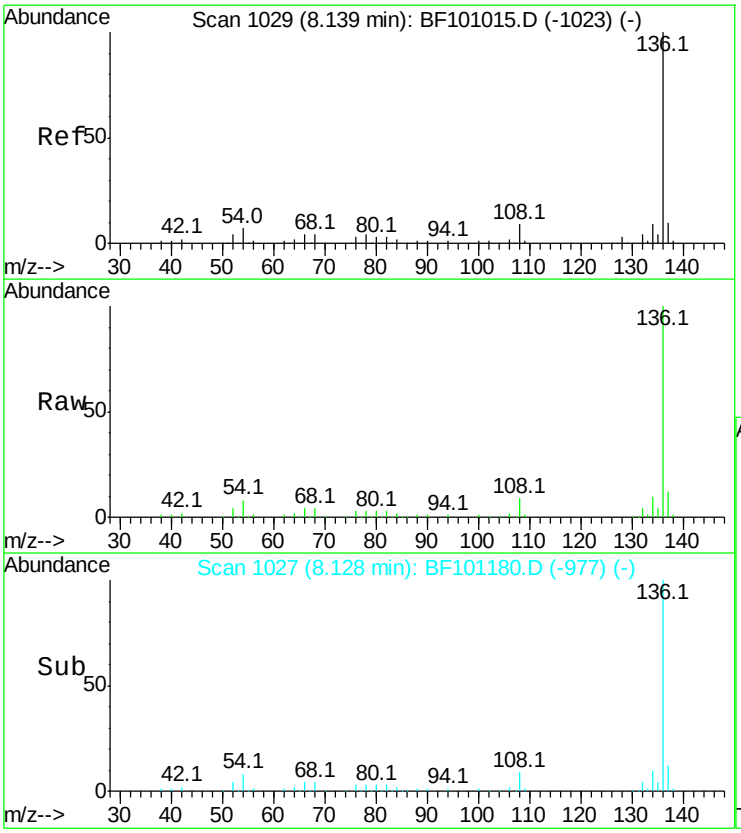
#7
Phenol-d6
Concen: 4.344 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion: 99 Resp: 13518

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	39.7	25.4	38.0#

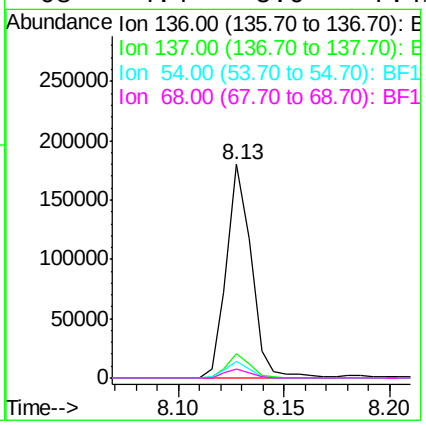


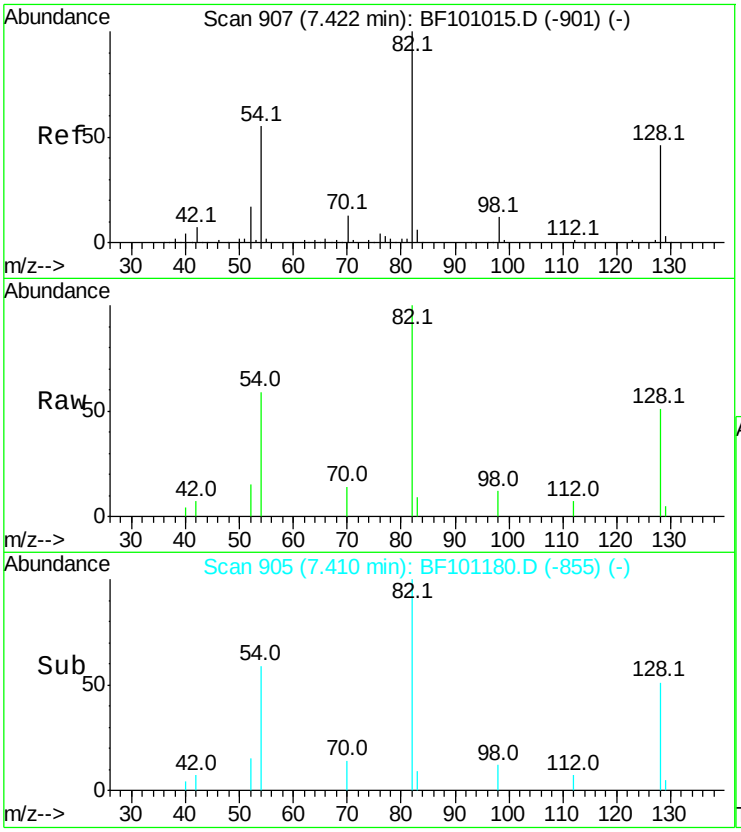


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:136 Resp: 147758

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.0	6.6	9.8
68	4.4	5.0	7.4#



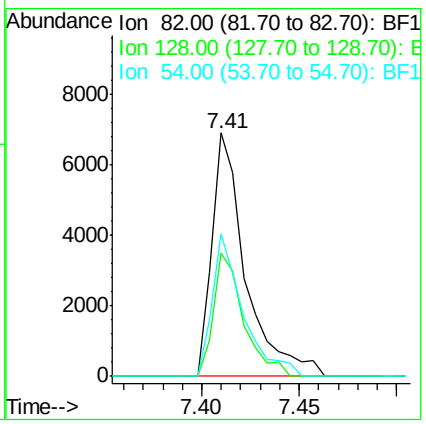


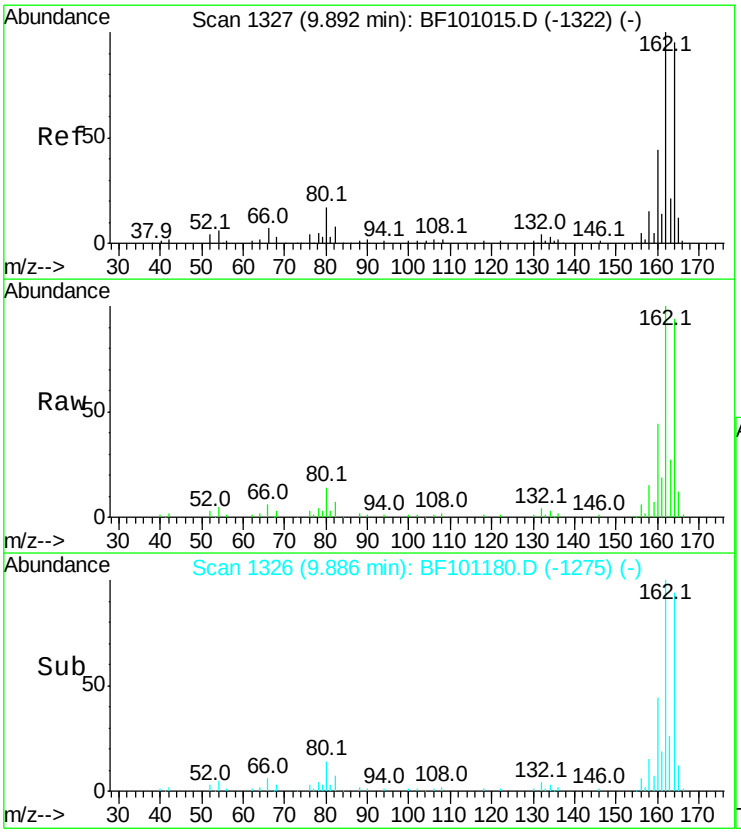
#23
Nitrobenzene-d5
Concen: 3.311 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion: 82 Resp: 8202

Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.1	54.1
54	58.7	41.4	62.2

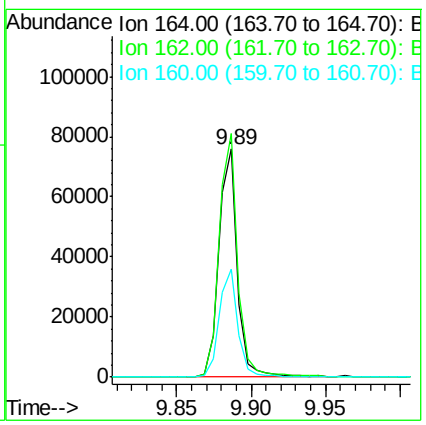


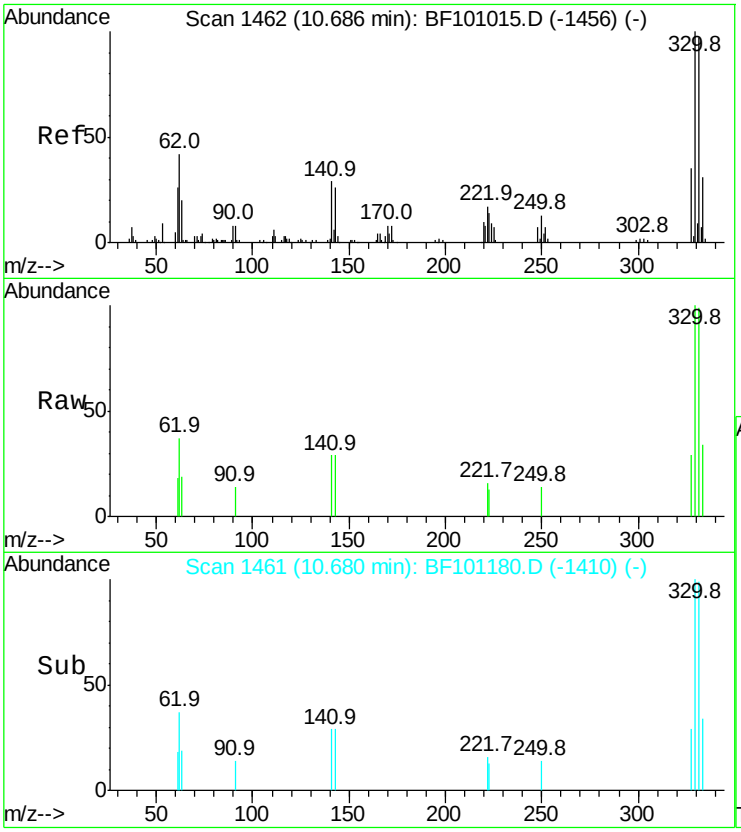


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:164 Resp: 66179

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	47.4	38.3	57.5



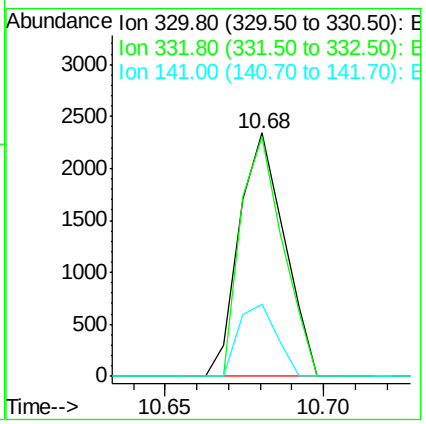


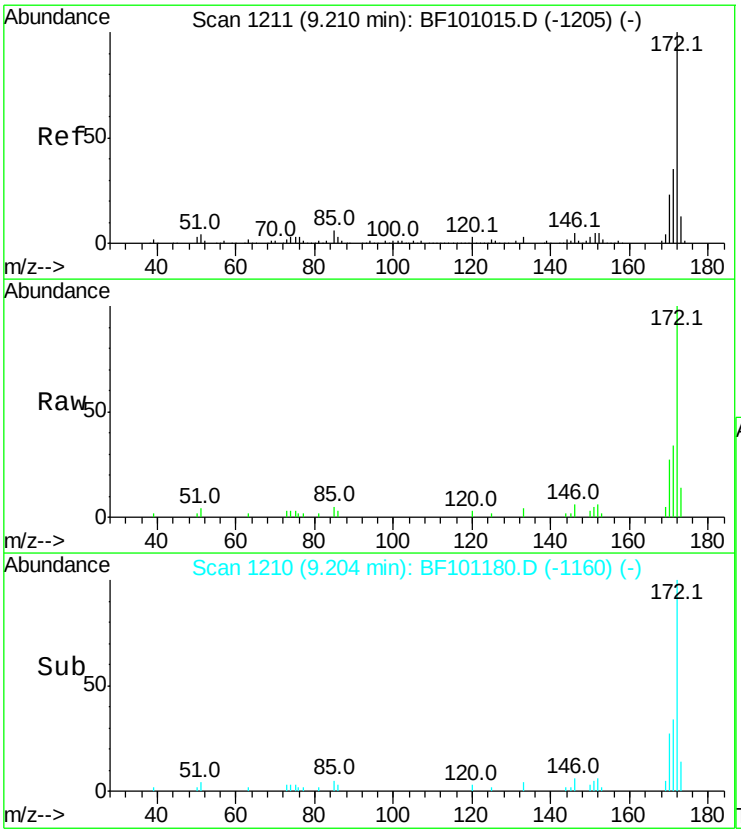
#41
2,4,6-Tribromophenol
Concen: 2.907 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion:330 Resp: 2311

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	24.6	29.9	44.9#

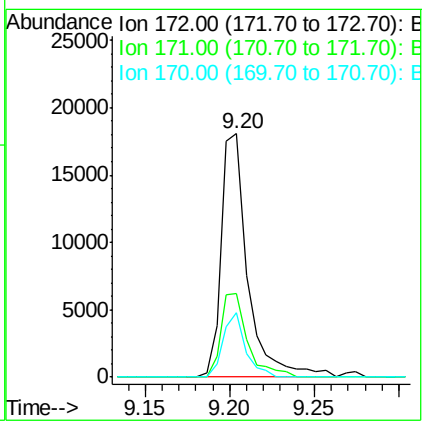


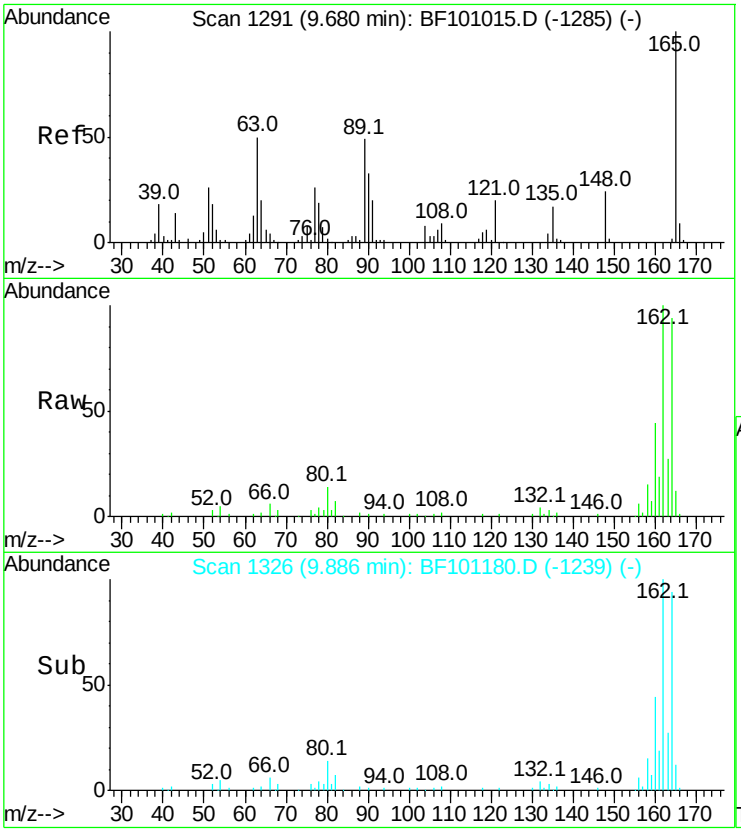


#44
2-Fluorobiphenyl
Concen: 4.095 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:172 Resp: 19807

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	26.7	19.6	29.4



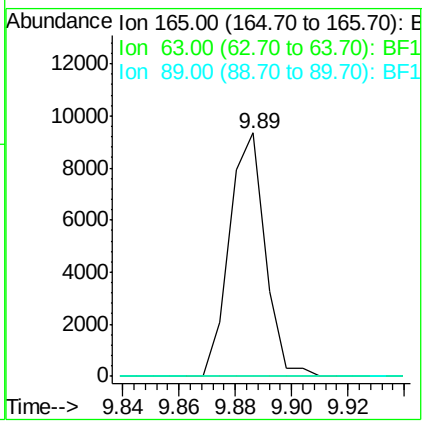


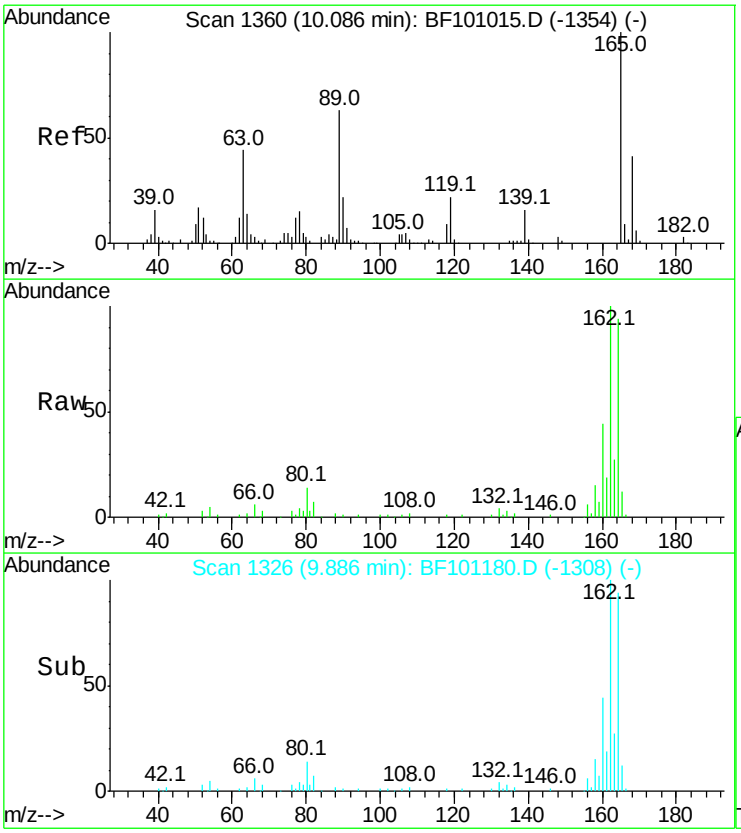
#50
2,6-Dinitrotoluene
Concen: 7.299 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion:165 Resp: 8205

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

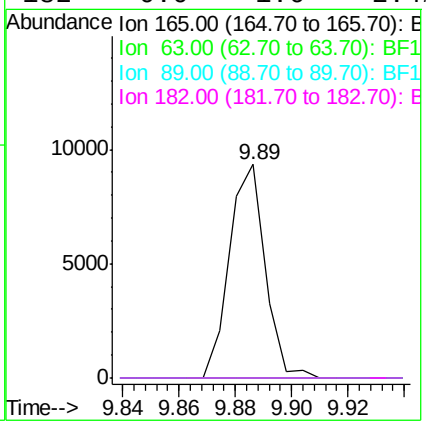


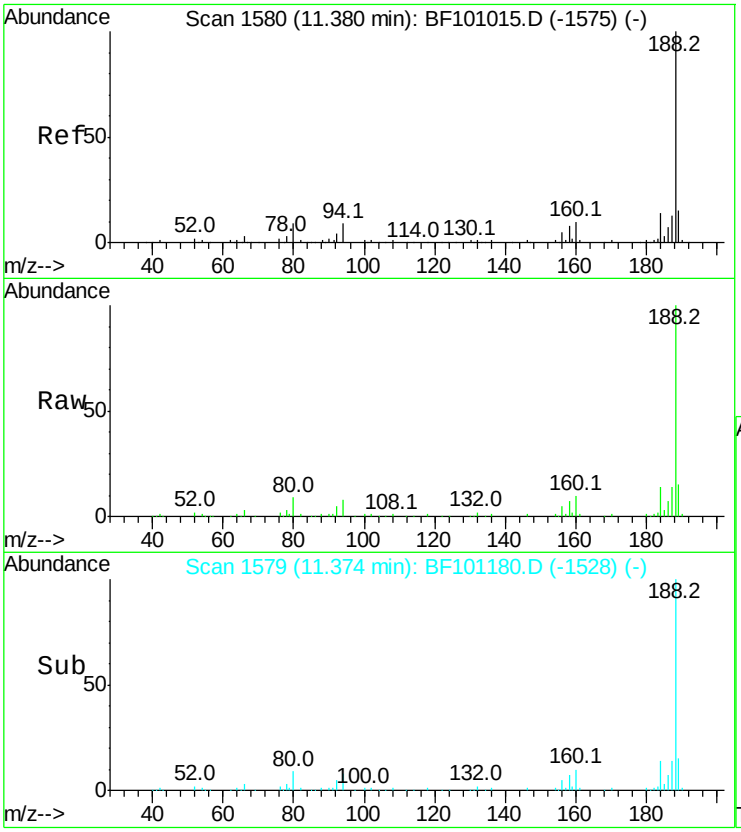


#56
2,4-Dinitrotoluene
Concen: 5.446 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:165 Resp: 8205

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



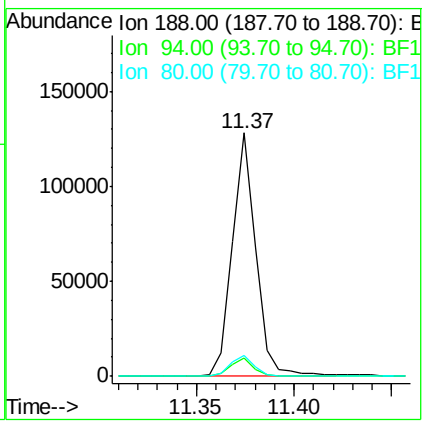


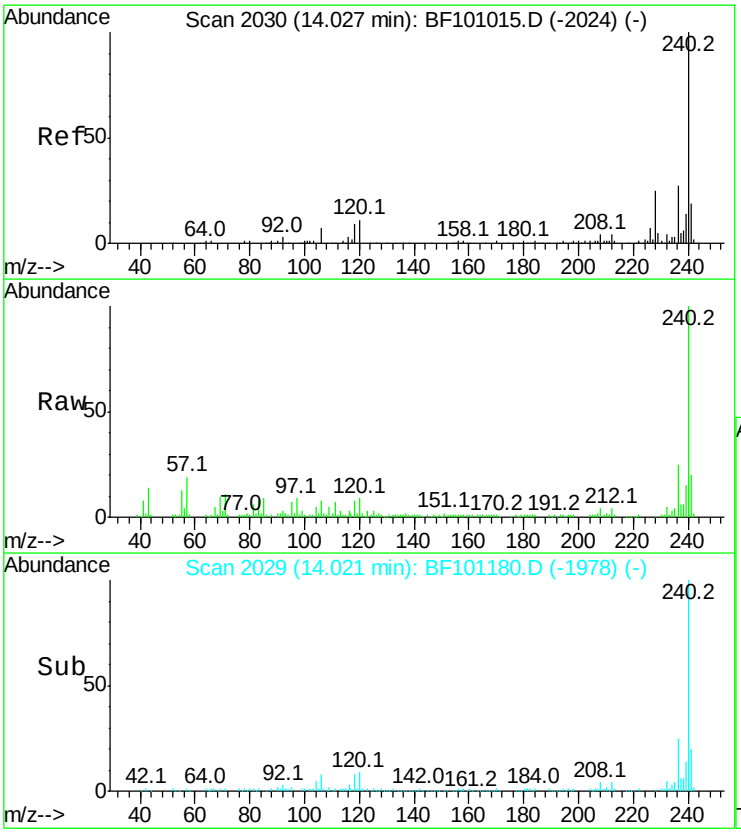
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion:188 Resp: 107110

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.5	9.2	13.8#

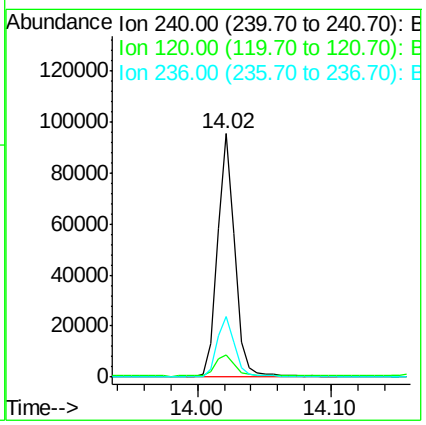


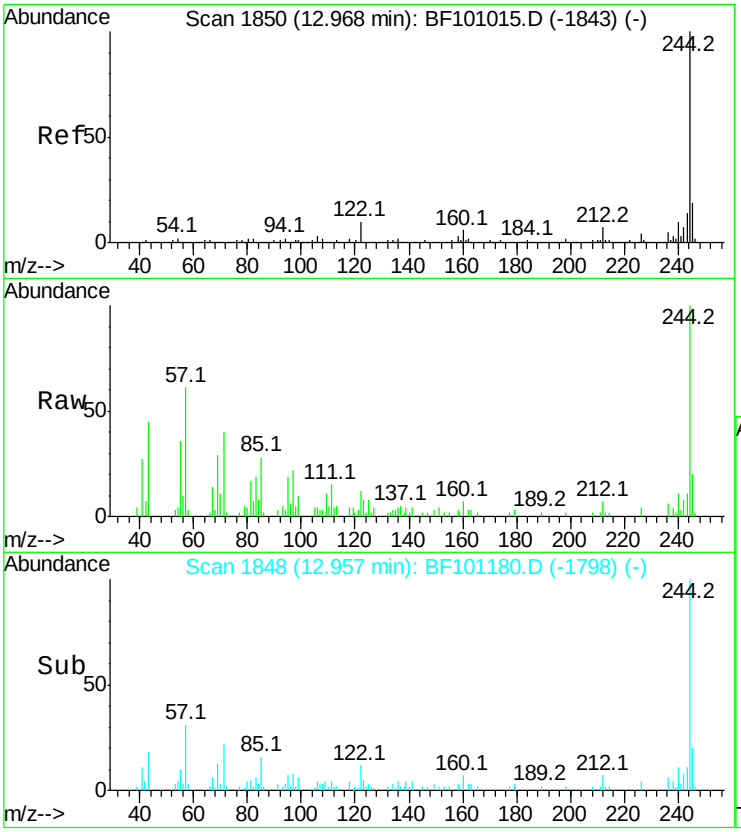


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:240 Resp: 87958

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.0	20.7	31.1



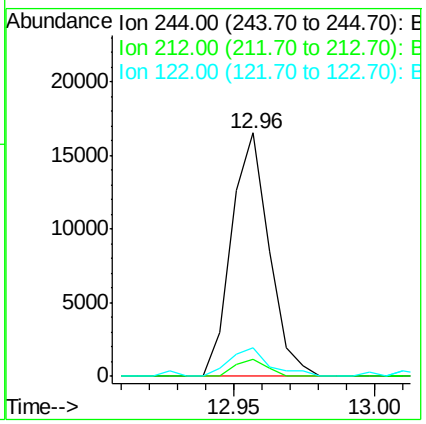


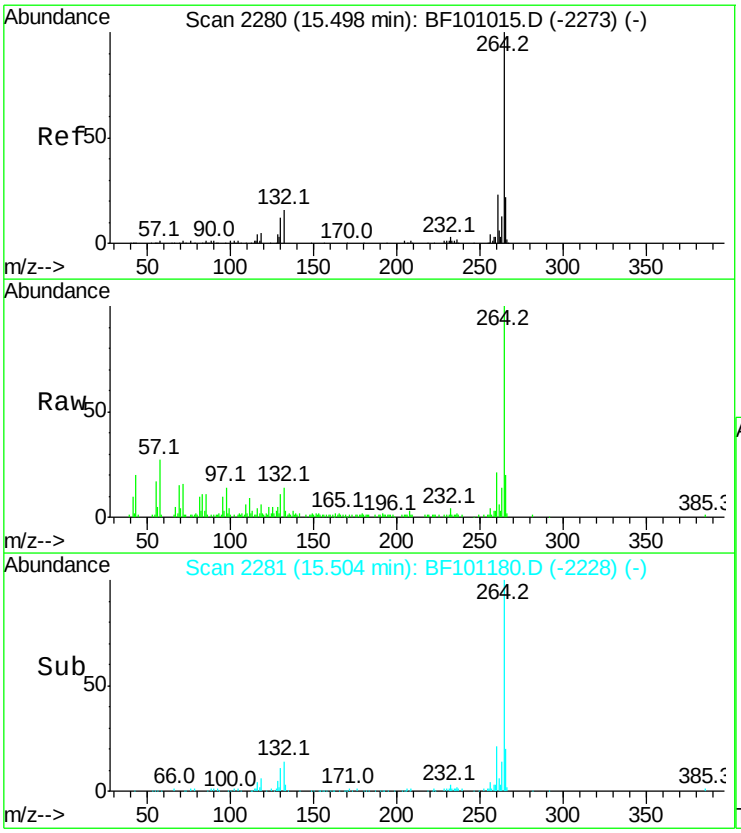
#78
Terphenyl-d14
Concen: 3.798 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Instrument :
BNA_F
ClientSampleId :
DRUM-1-7

Tgt Ion:244 Resp: 15274

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF101180.D
Acq: 6 Dec 2017 20:53

Tgt Ion:264 Resp: 90915

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.2	28.8
265	20.1	17.5	26.3