Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101152.D
Acq On : 6 Dec 2017 4:41
Operator : SJ/JU
Sample : I6702-11
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-1-E(4-5)

Quant Time: Dec 06 06:07:33 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	51020	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	194386	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87125	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	156473	20.00	ng	0.00
75) Chrysene-d12	14.02	240	99635	20.00	ng	0.00
86) Perylene-d12	15.49	264	105928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	298023	96.52	ng	0.00
7) Phenol-d6	6.48	99	361386	96.41	ng	0.00
23) Nitrobenzene-d5	7.41	82	222783	68.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92186	88.08	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	463447	72.78	ng	0.00
78) Terphenyl-d14	12.96	244	354809	77.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	9547	2.290	ng	90
49) Dimethylphthalate	9.60	163	36650	5.216	ng	99

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

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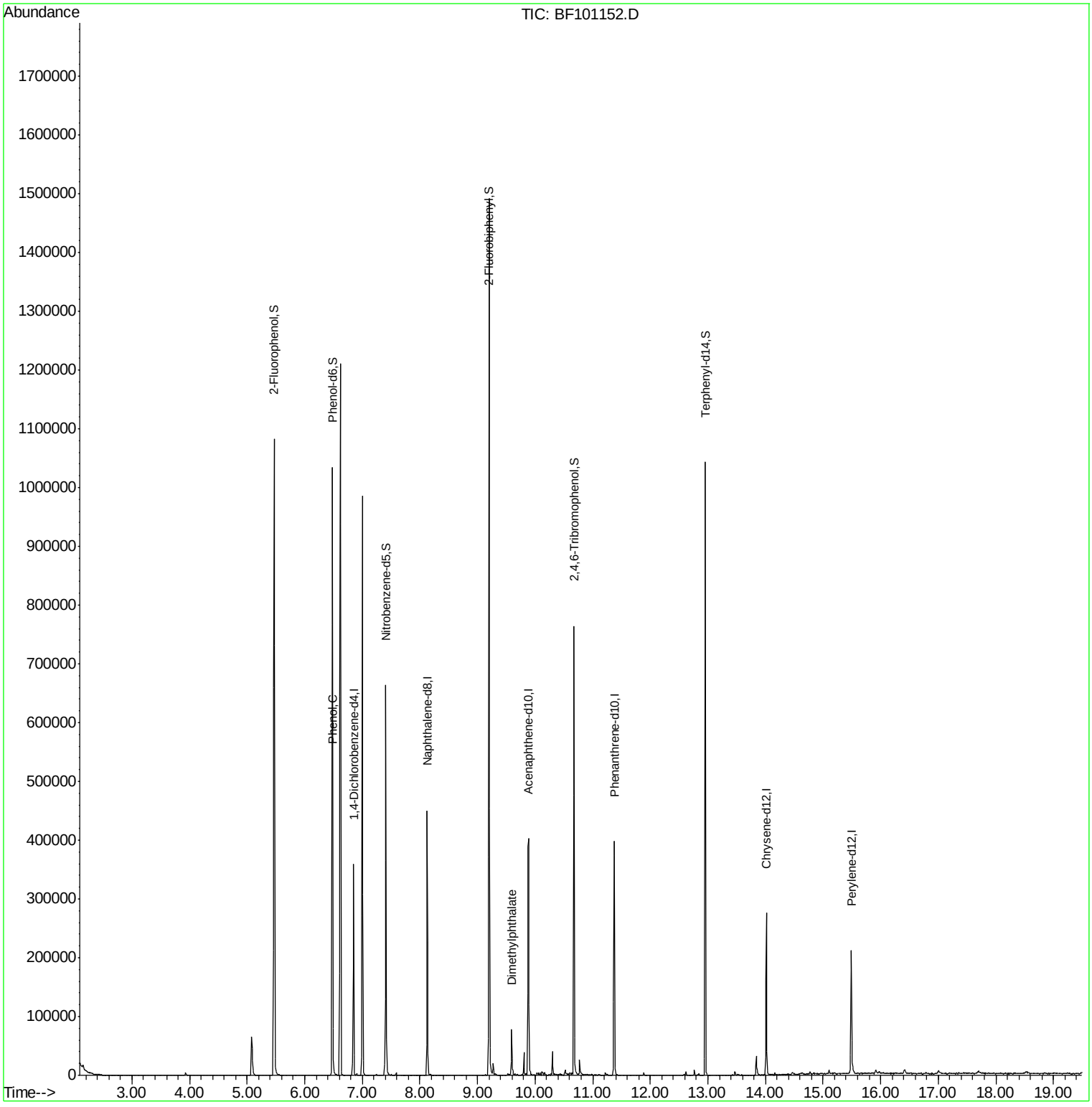
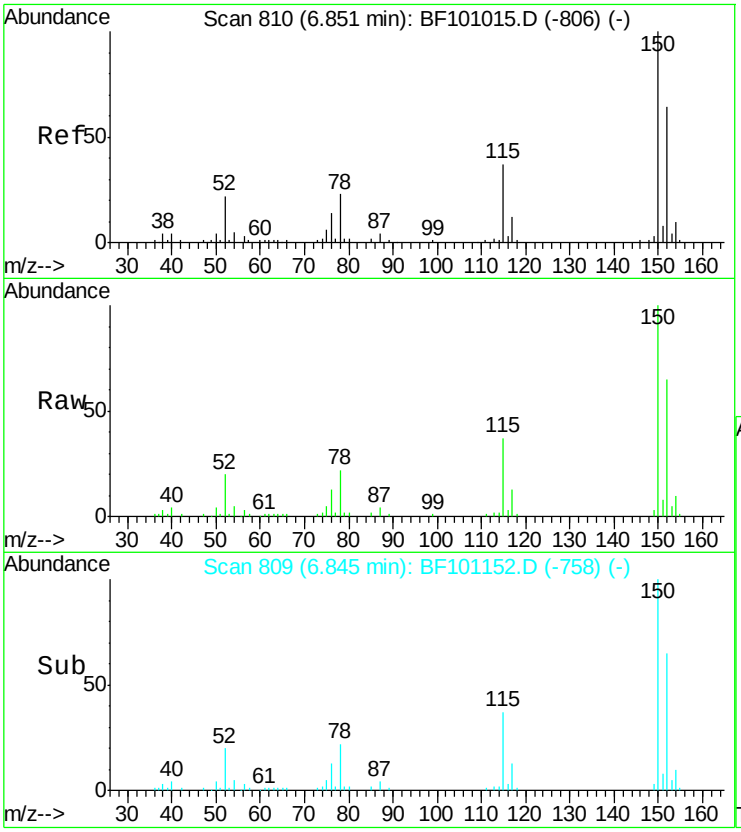


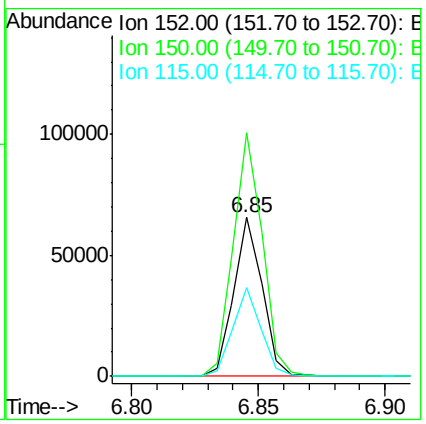


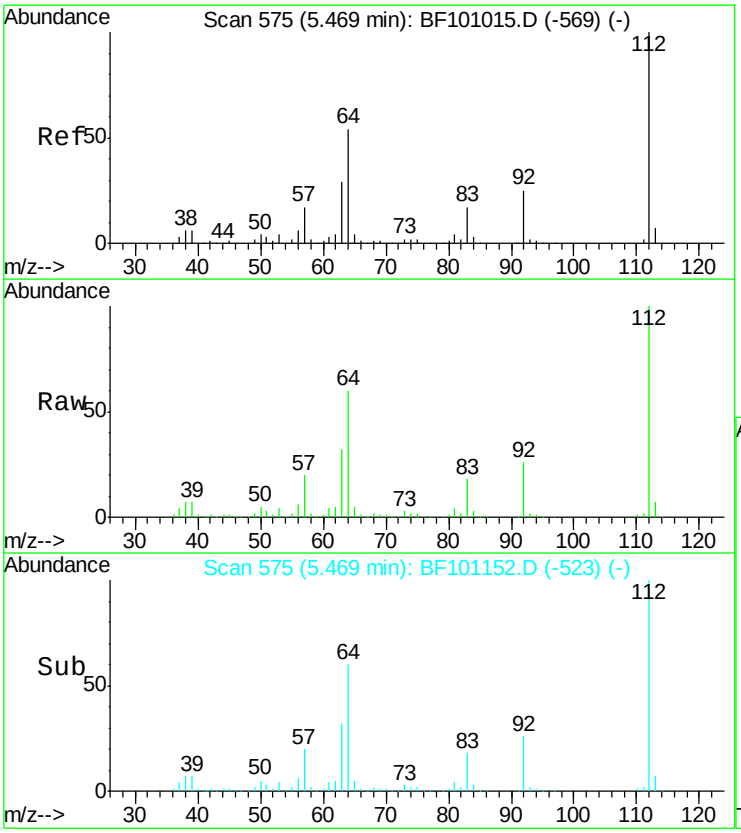
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:152 Resp: 51020

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	56.1	50.1	75.1

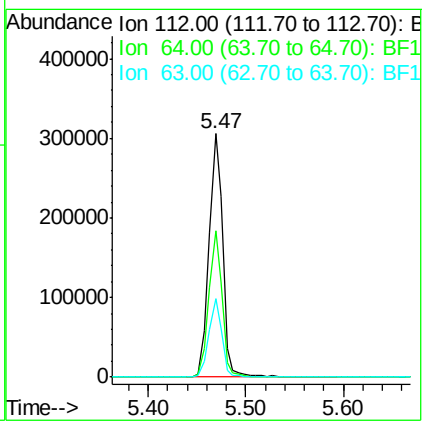


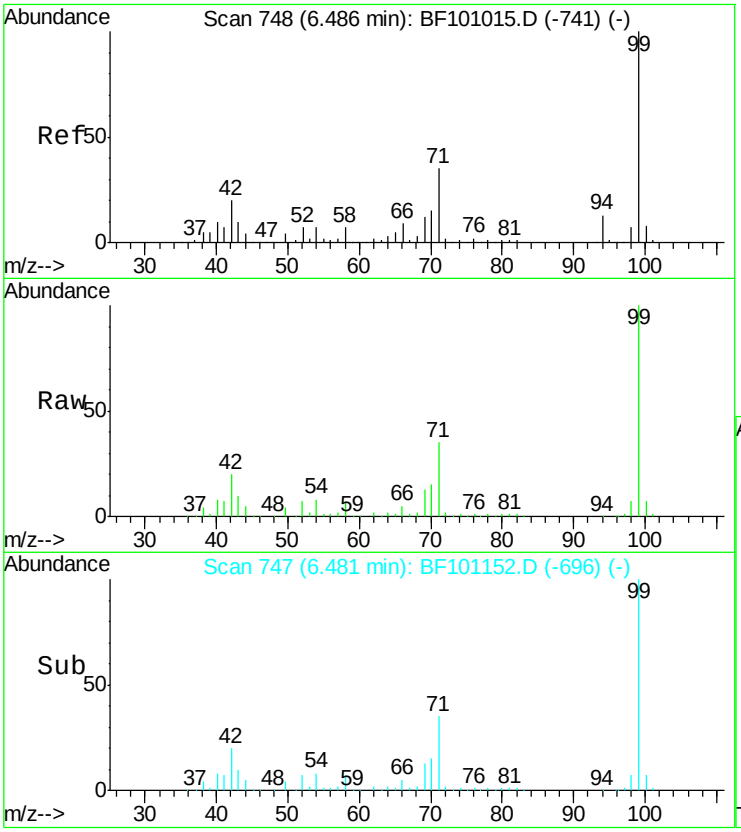


#5
2-Fluorophenol
Concen: 96.524 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:112 Resp: 298023

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	32.1	23.7	35.5



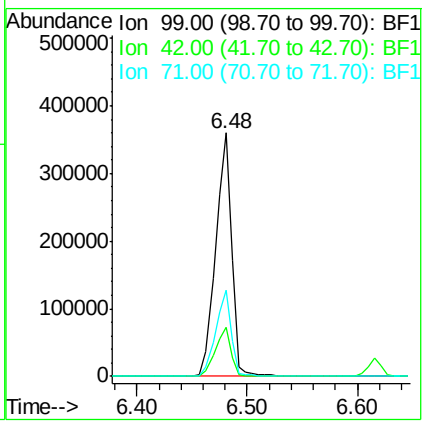


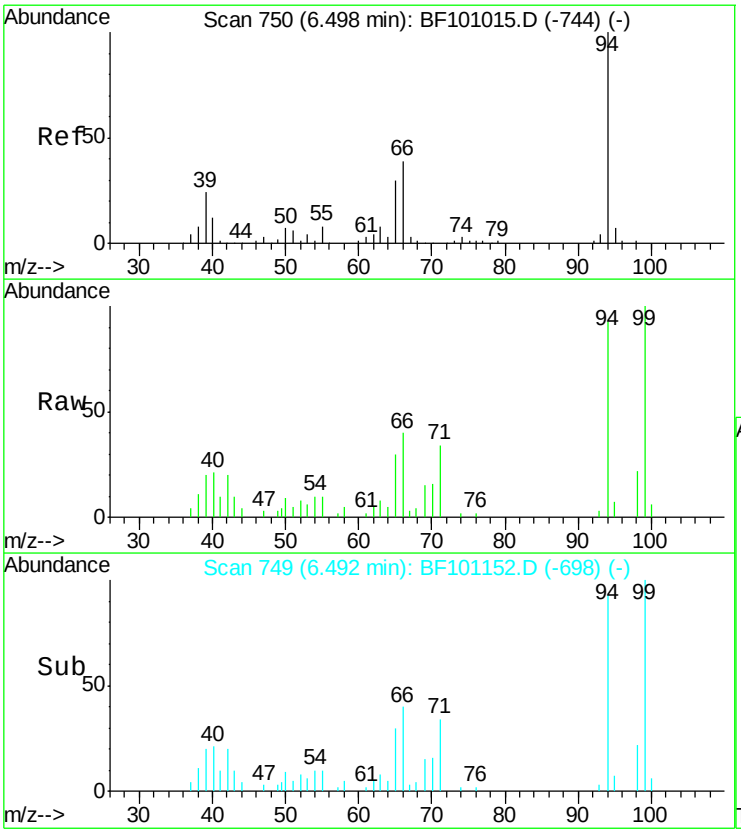
#7
Phenol-d6
Concen: 96.406 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion: 99 Resp: 361386

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	35.5	25.4	38.0

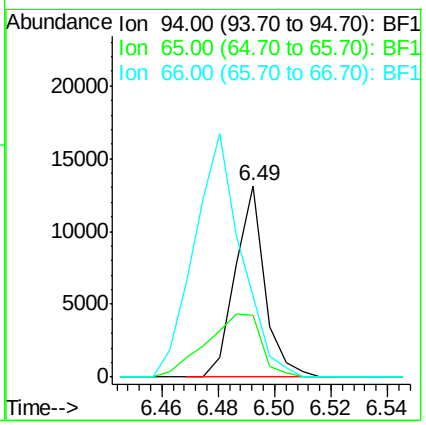


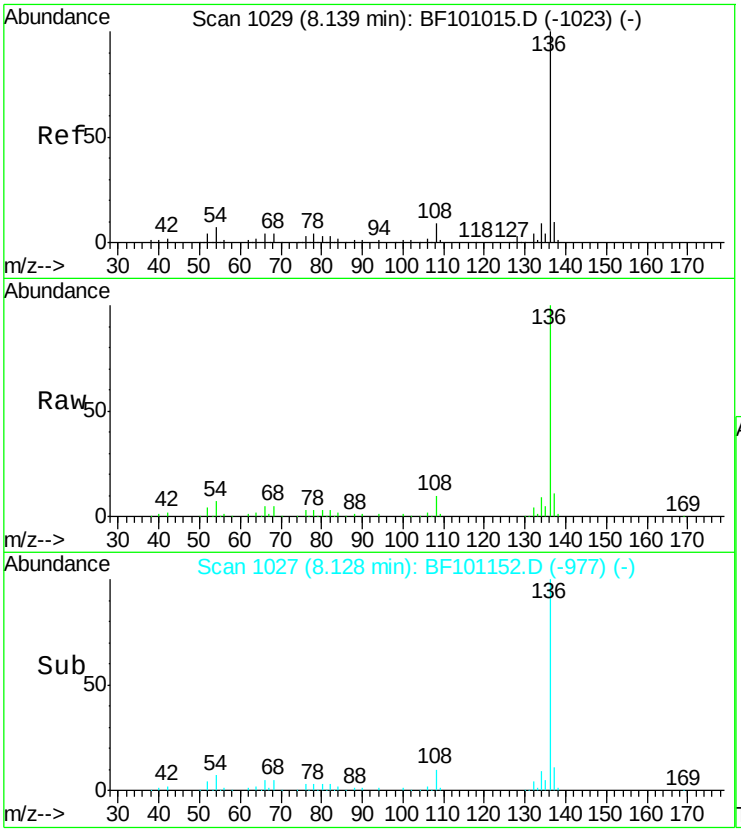


#10
Phenol
Concen: 2.290 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion: 94 Resp: 9547

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	42.5	16.2	56.2



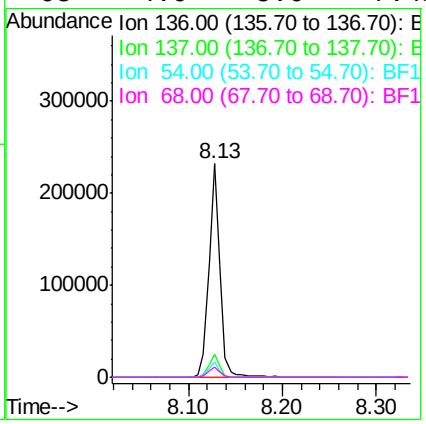


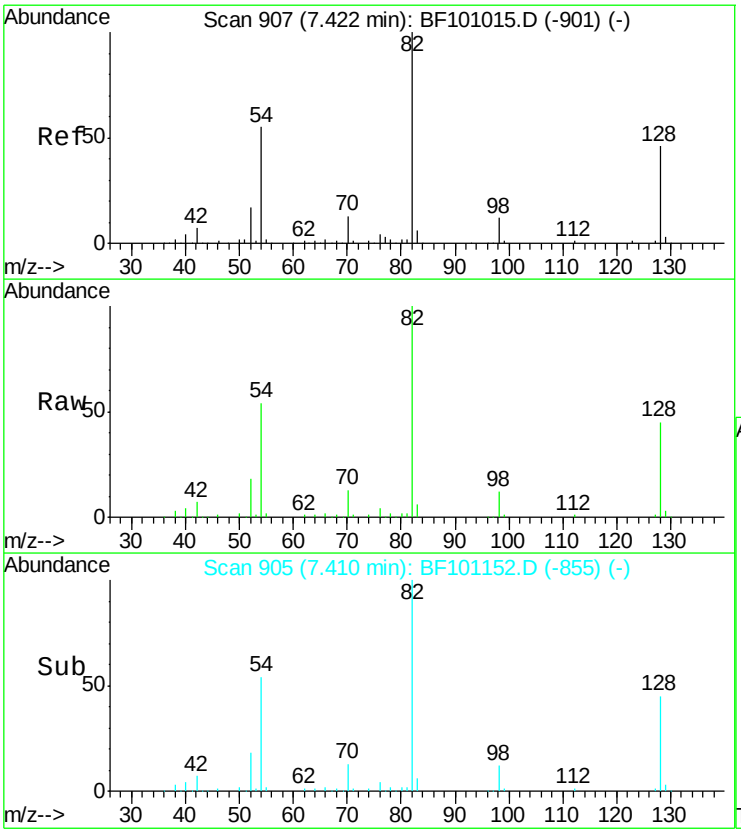
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:136 Resp: 194386

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	4.9	5.0	7.4#

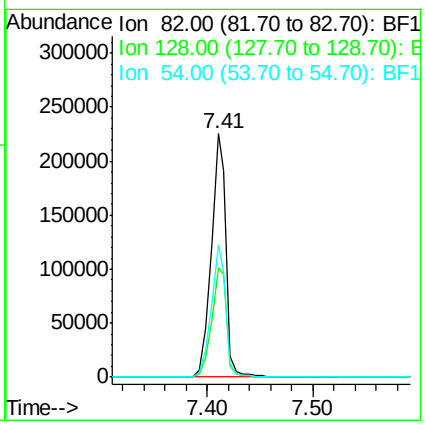


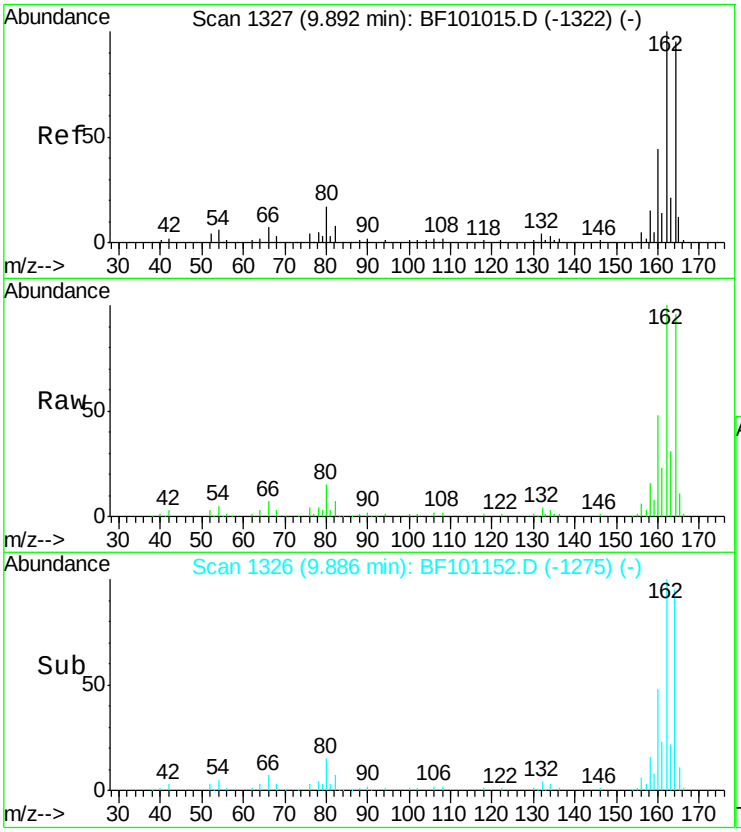


#23
Nitrobenzene-d5
Concen: 68.368 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion: 82 Resp: 222783

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.5	41.4	62.2



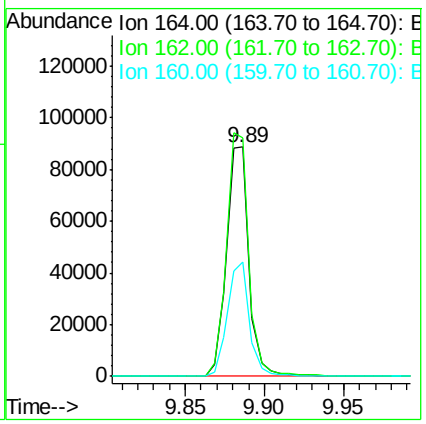


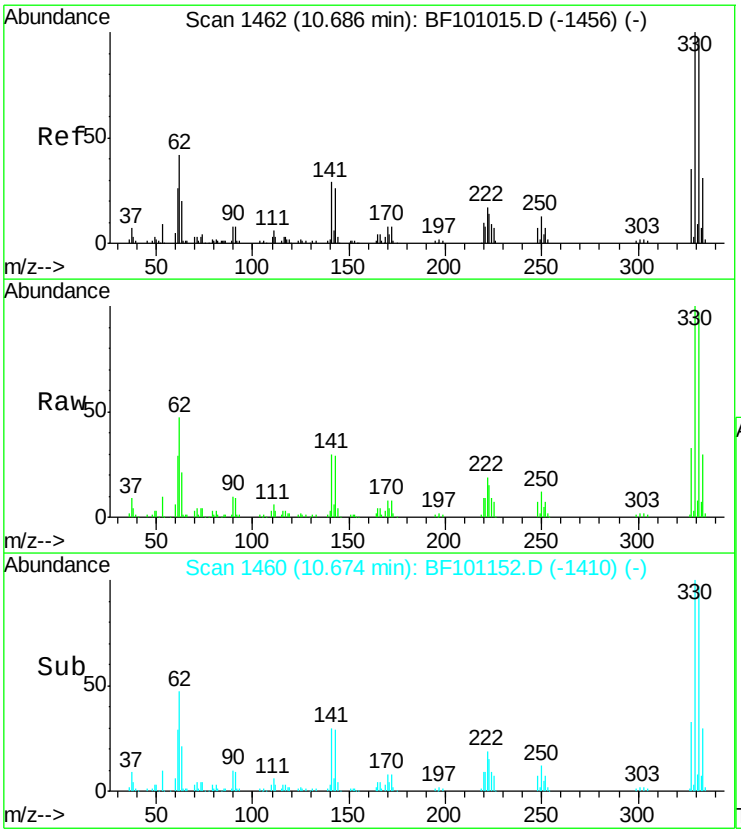
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:164 Resp: 87125

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	50.0	38.3	57.5

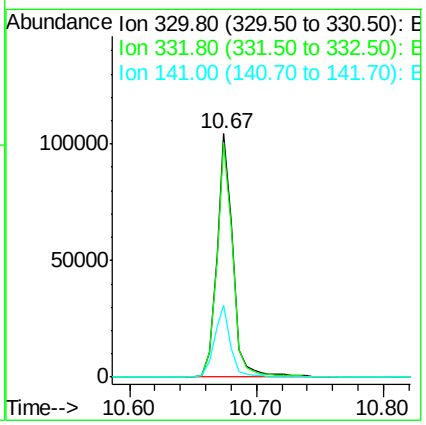


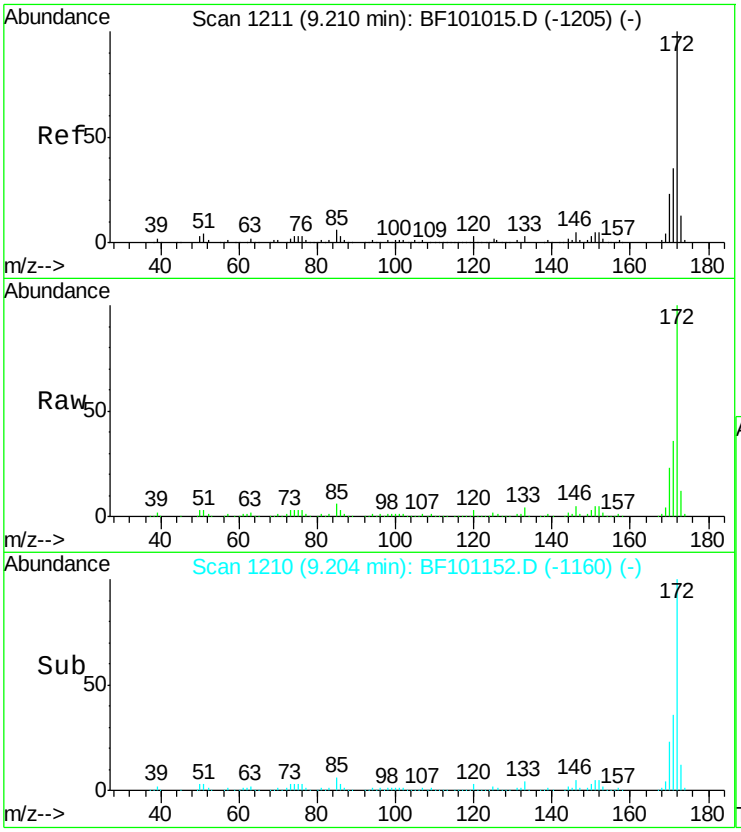


#41
2,4,6-Tribromophenol
Concen: 88.080 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:330 Resp: 92186

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.9	29.9	44.9#



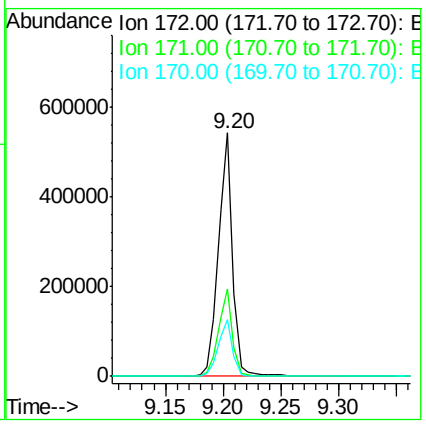


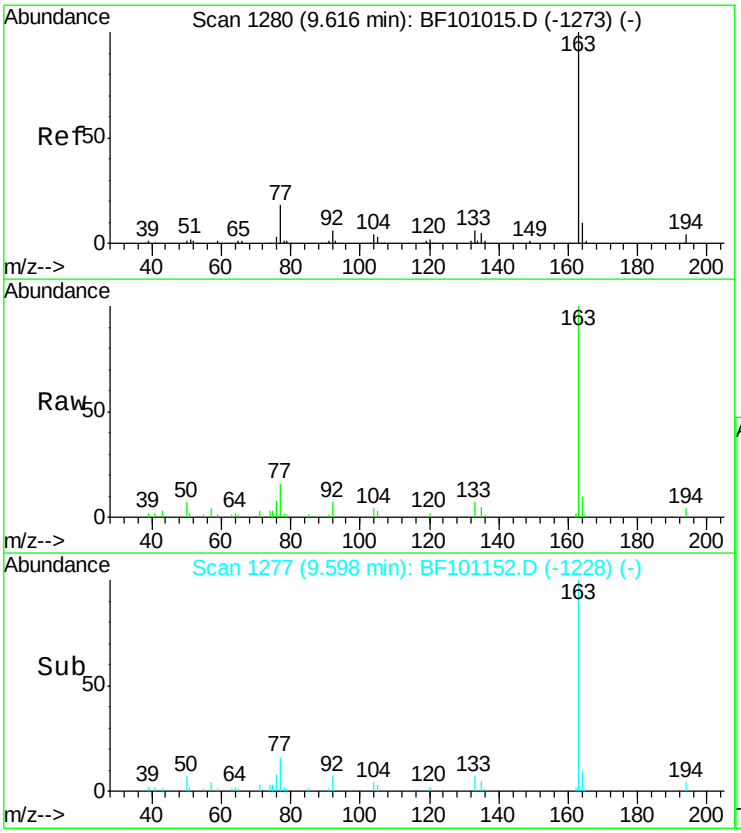
#44
2-Fluorobiphenyl
Concen: 72.779 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:172 Resp: 463447

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4

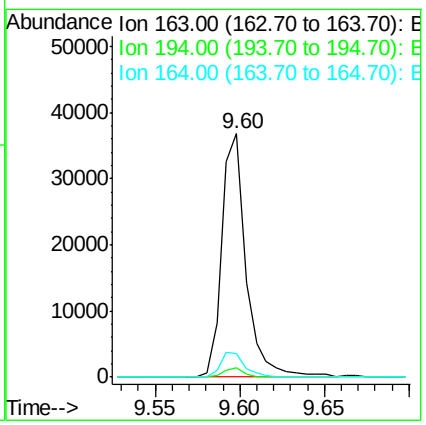


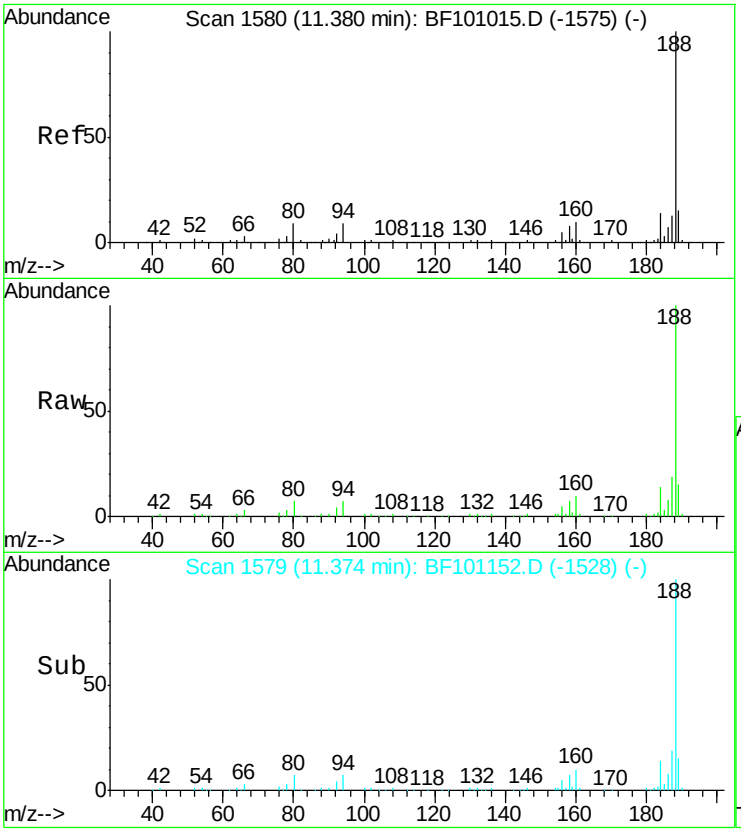


#49
Dimethylphthalate
Concen: 5.216 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:163 Resp: 36650

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2



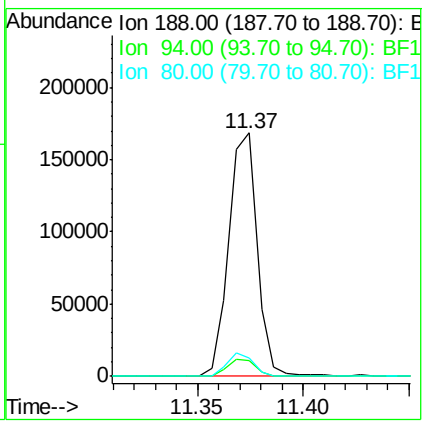


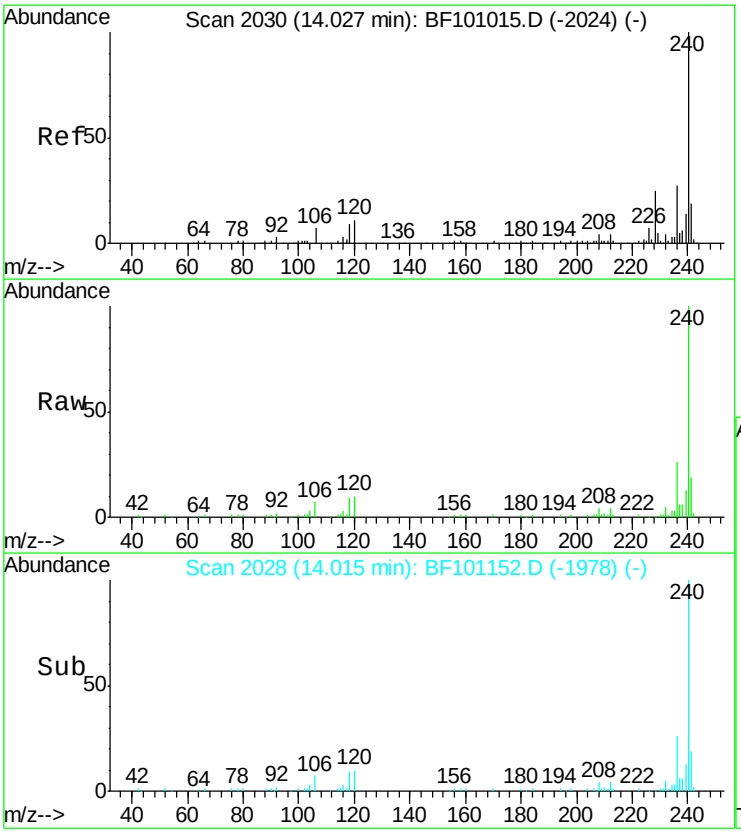
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:188 Resp: 156473

Ion	Ratio	Lower	Upper
188	100		
94	6.5	8.5	12.7#
80	7.4	9.2	13.8#

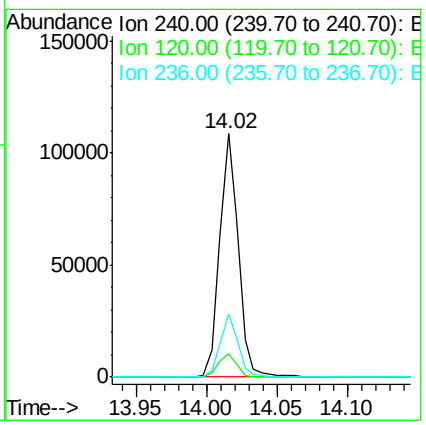


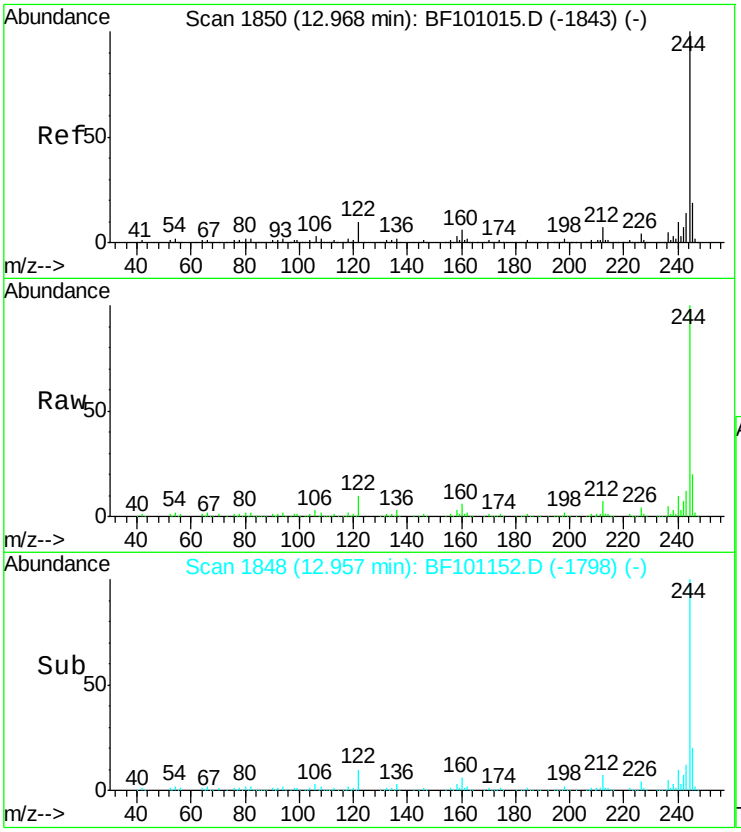


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:240 Resp: 99635

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	25.9	20.7	31.1



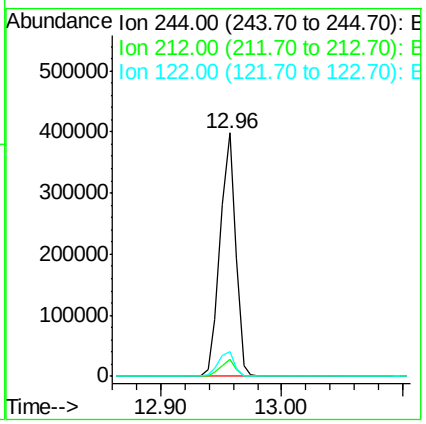


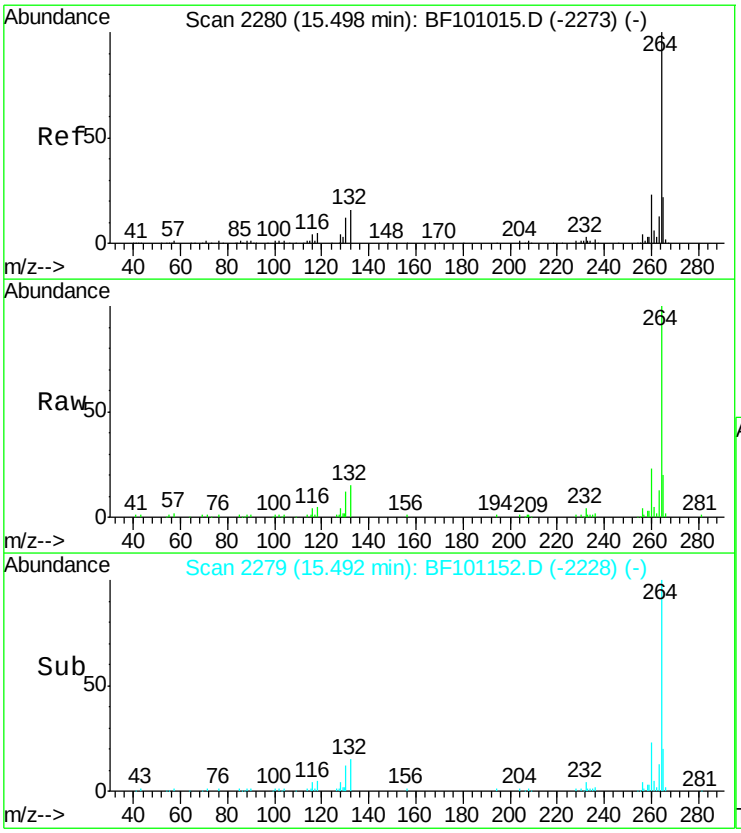
#78
Terphenyl-d14
Concen: 77.890 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Instrument :
BNA_F
ClientSampleId :
MH-1-E(4-5)

Tgt Ion:244 Resp: 354809

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.9	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101152.D
Acq: 6 Dec 2017 4:41

Tgt Ion:264 Resp: 105928

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	19.5	17.5	26.3