Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101144.D
Acq On : 6 Dec 2017 1:06
Operator : SJ/JU
Sample : I6702-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-4-E(7-8)

Quant Time: Dec 06 03:42:22 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	51215	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	206639	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96872	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	178686	20.00	ng		0.00
75) Chrysene-d12	14.02	240	110784	20.00	ng		0.00
86) Perylene-d12	15.49	264	115488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	336782	108.66	ng		0.01
7) Phenol-d6	6.48	99	413132	109.79	ng		0.00
23) Nitrobenzene-d5	7.41	82	252177	72.80	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	112434	96.62	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	508891	71.87	ng		0.00
78) Terphenyl-d14	12.96	244	425023	83.91	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	13792	3.296	ng		92
49) Dimethylphthalate	9.60	163	56124	7.184	ng	#	98

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

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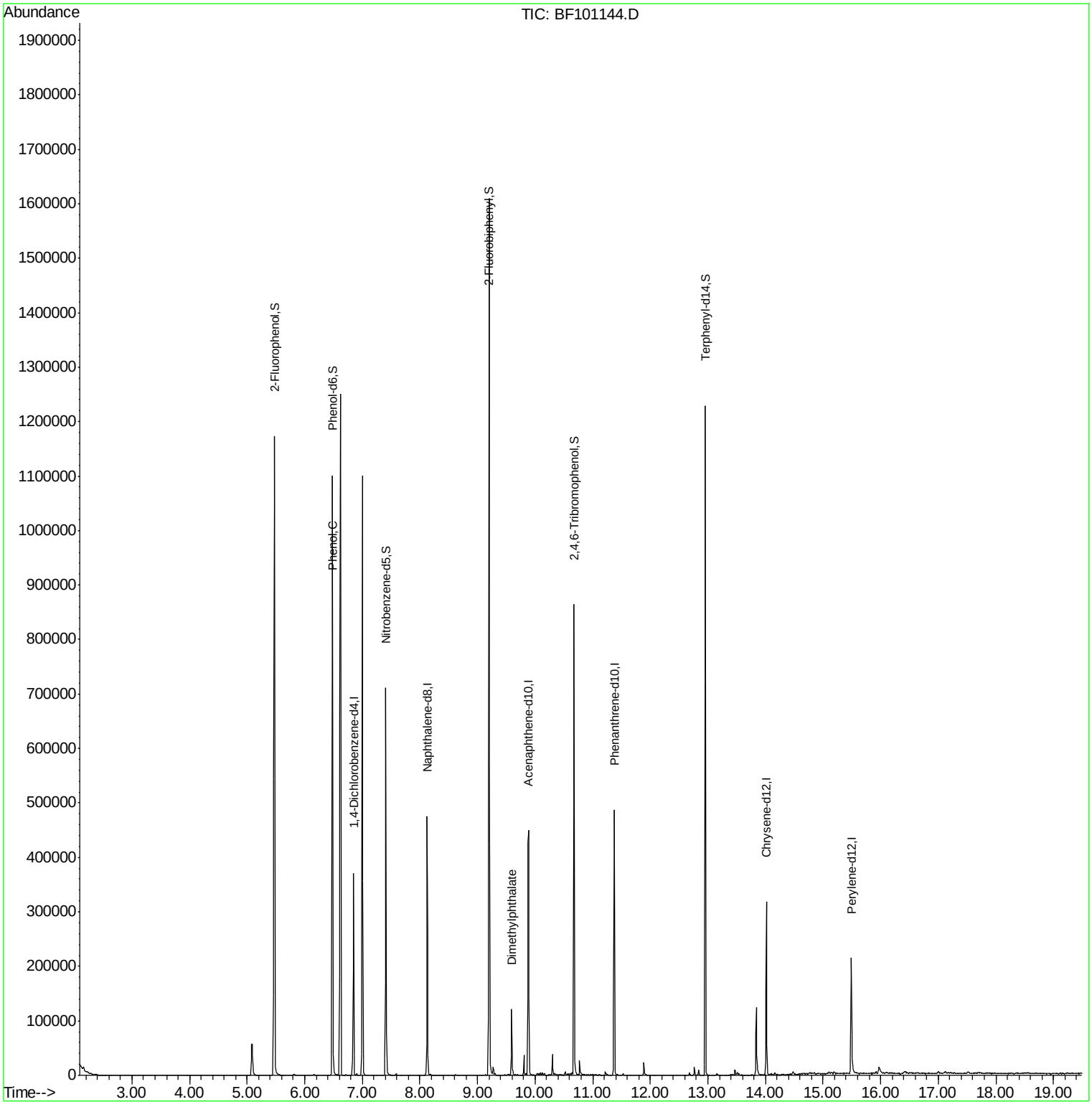
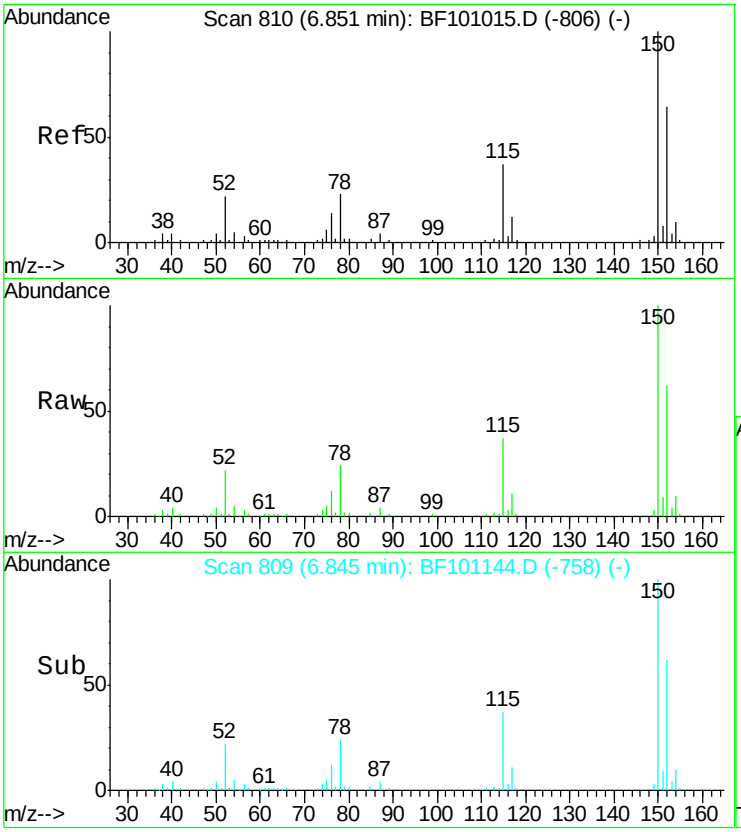


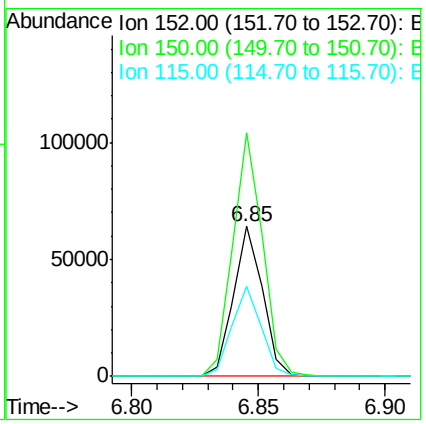


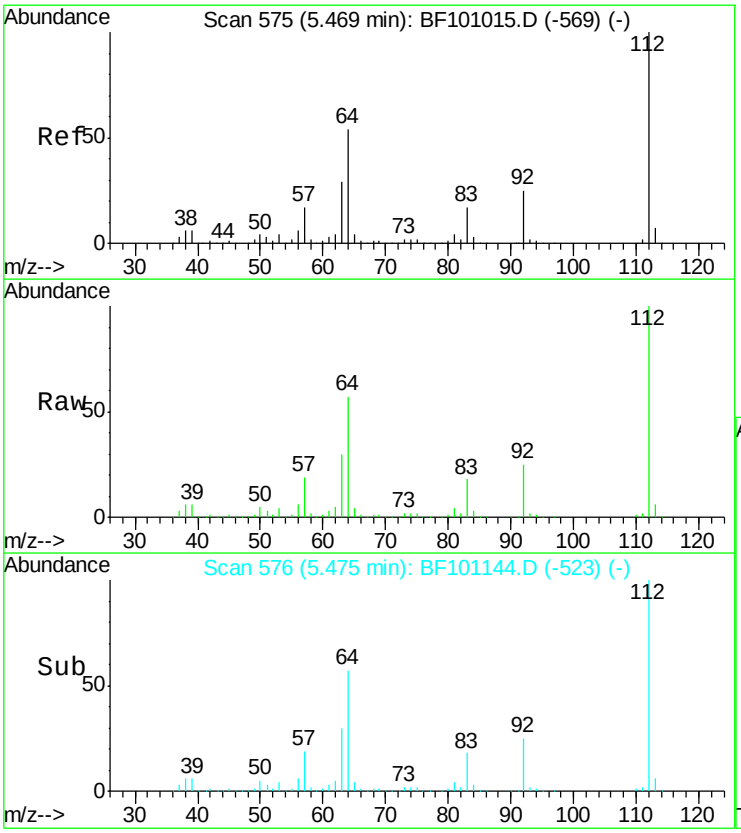
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion:152 Resp: 51215

Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	60.0	50.1	75.1

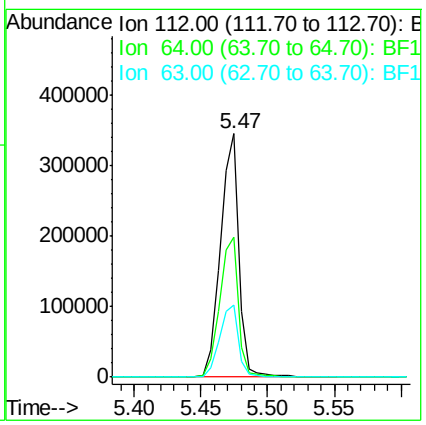


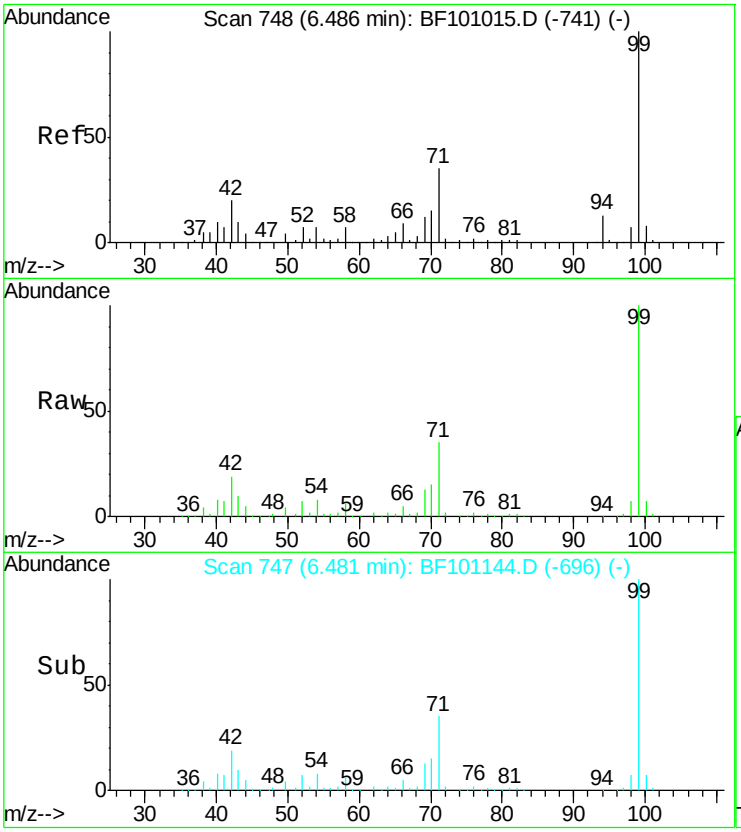


#5
2-Fluorophenol
Concen: 108.662 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:112 Resp: 336782

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.8	23.7	35.5



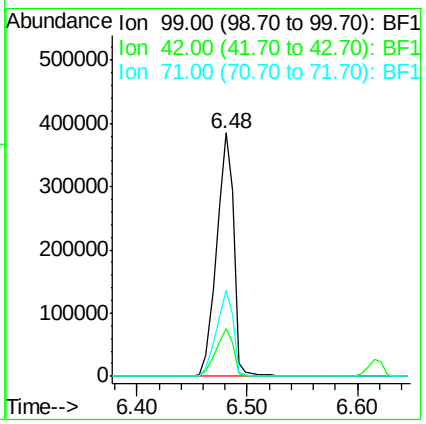


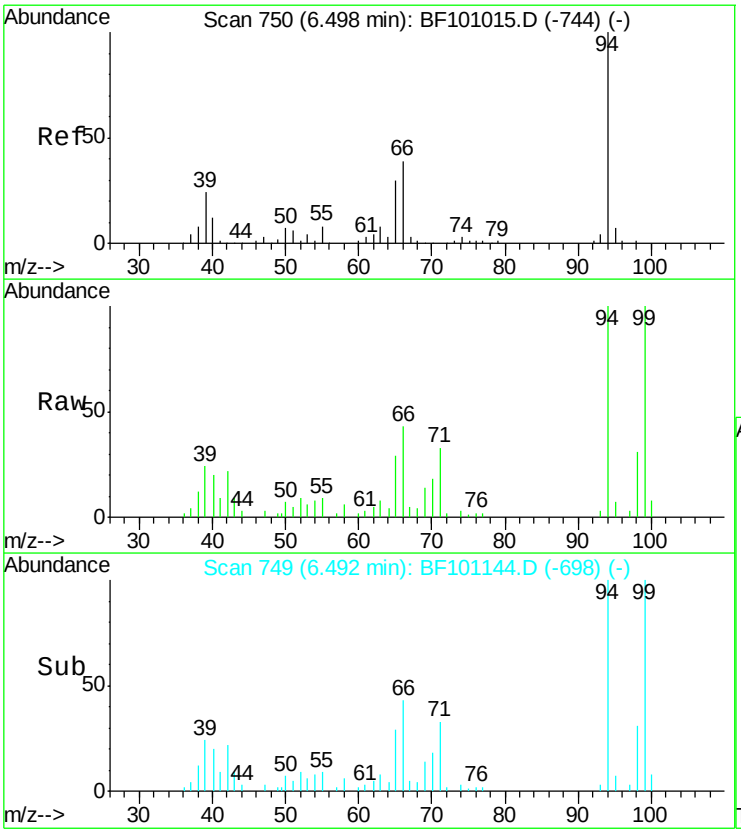
#7
Phenol-d6
Concen: 109.791 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion: 99 Resp: 413132

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	35.2	25.4	38.0

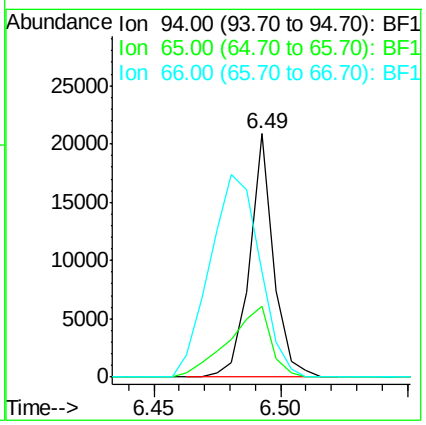


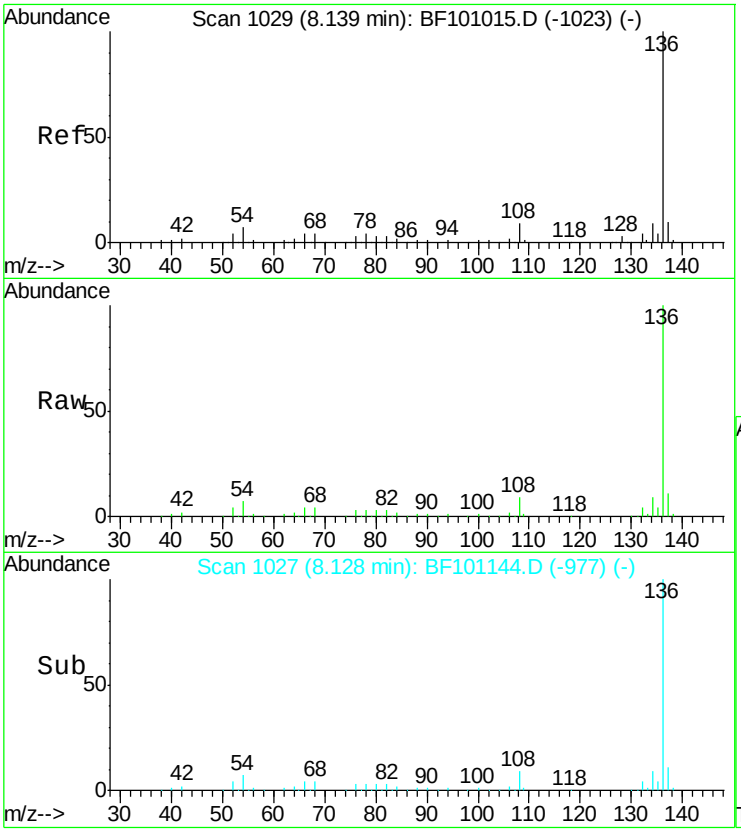


#10
Phenol
Concen: 3.296 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion: 94 Resp: 13792

Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	43.1	16.2	56.2



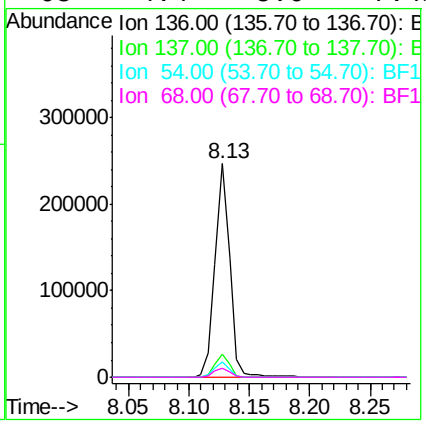


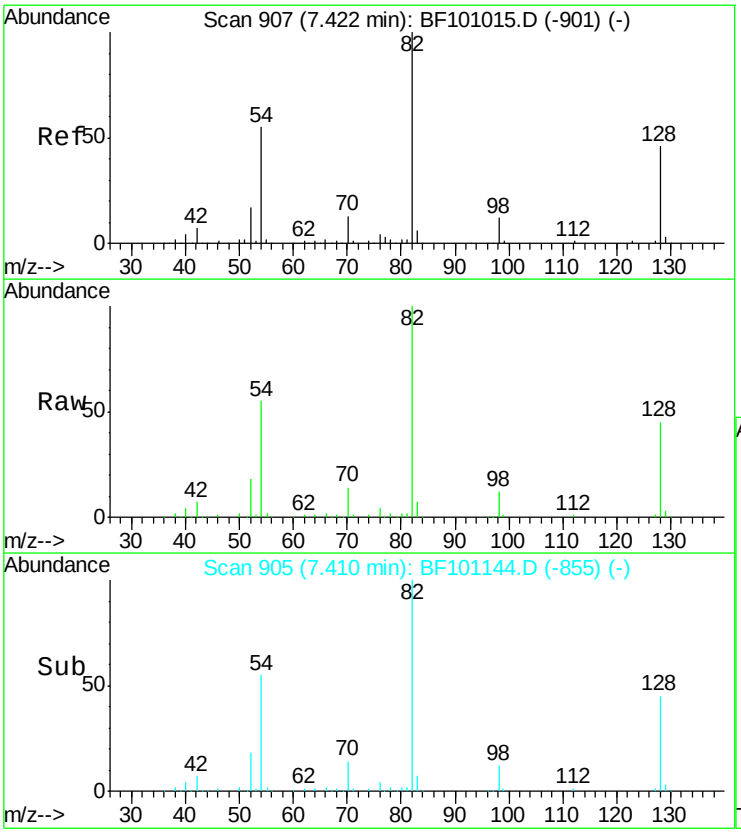
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion:136 Resp: 206639

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.4	6.6	9.8
68	4.4	5.0	7.4#

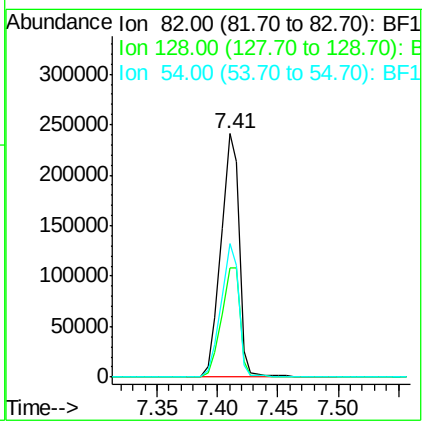


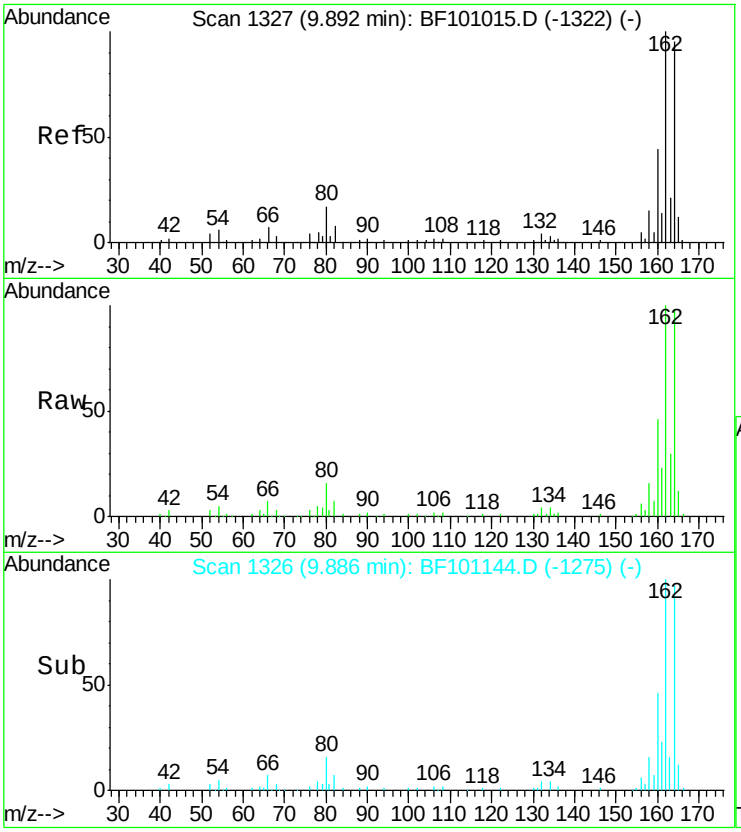


#23
Nitrobenzene-d5
Concen: 72.799 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion: 82 Resp: 252177

Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	55.0	41.4	62.2



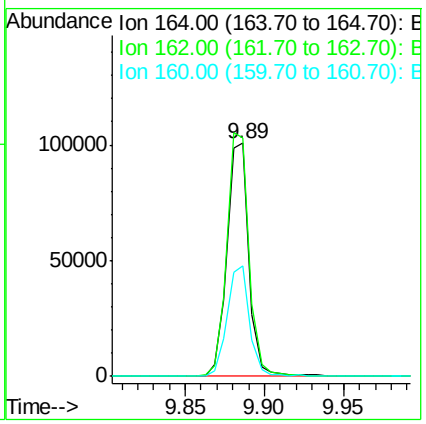


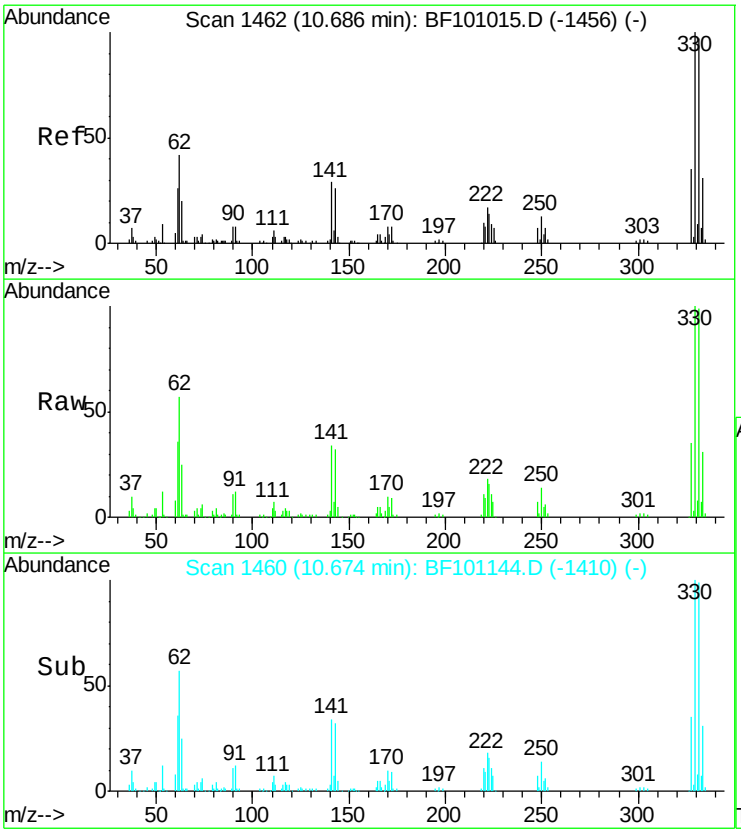
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion:164 Resp: 96872

Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	47.2	38.3	57.5

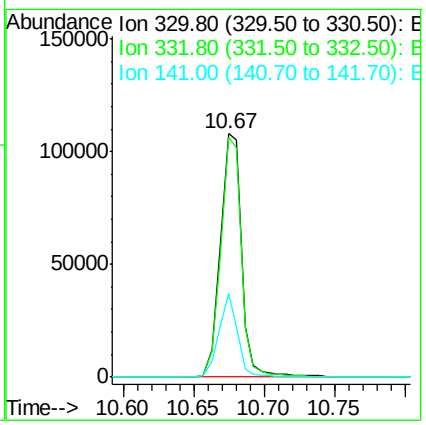


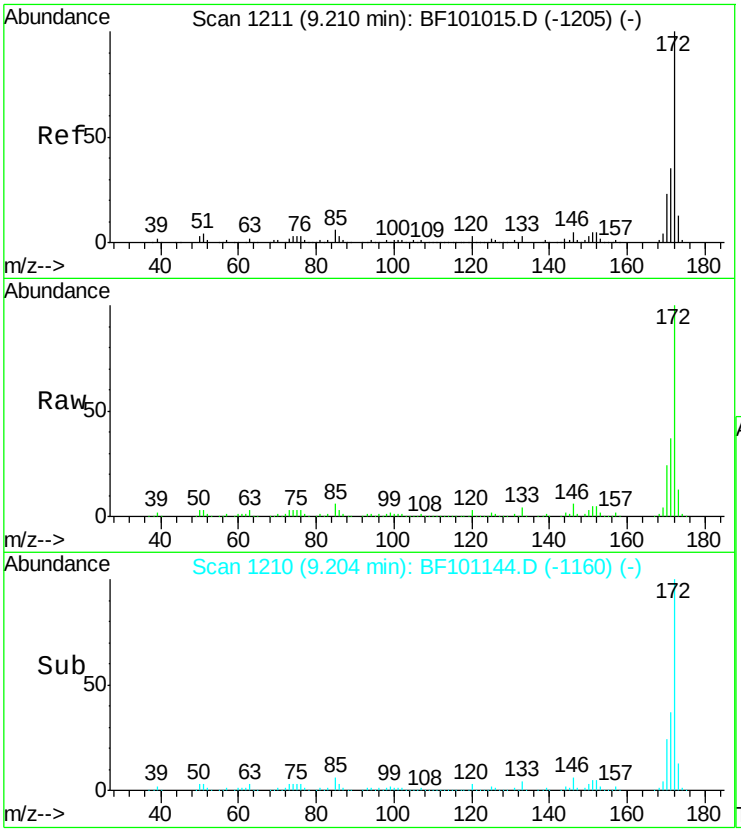


#41
2,4,6-Tribromophenol
Concen: 96.617 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:330 Resp: 112434

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

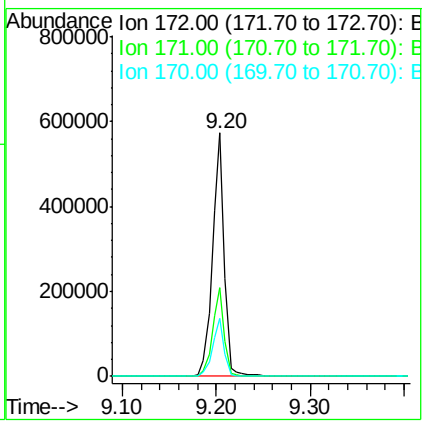




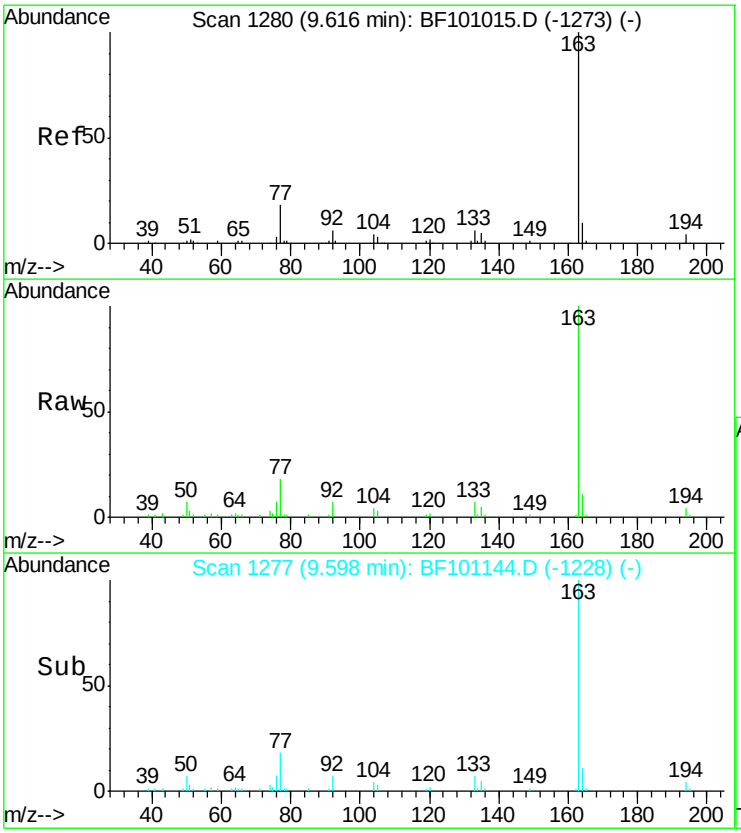
#44
2-Fluorobiphenyl
Concen: 71.875 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:172 Resp: 508891

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.9	19.6	29.4



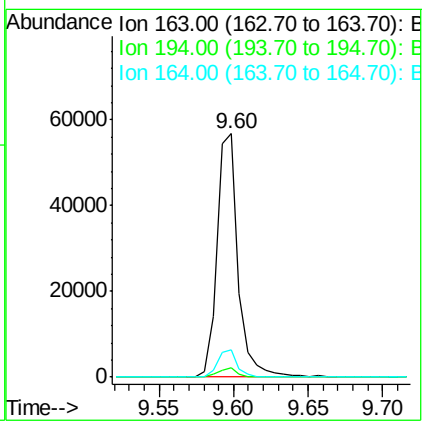
Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

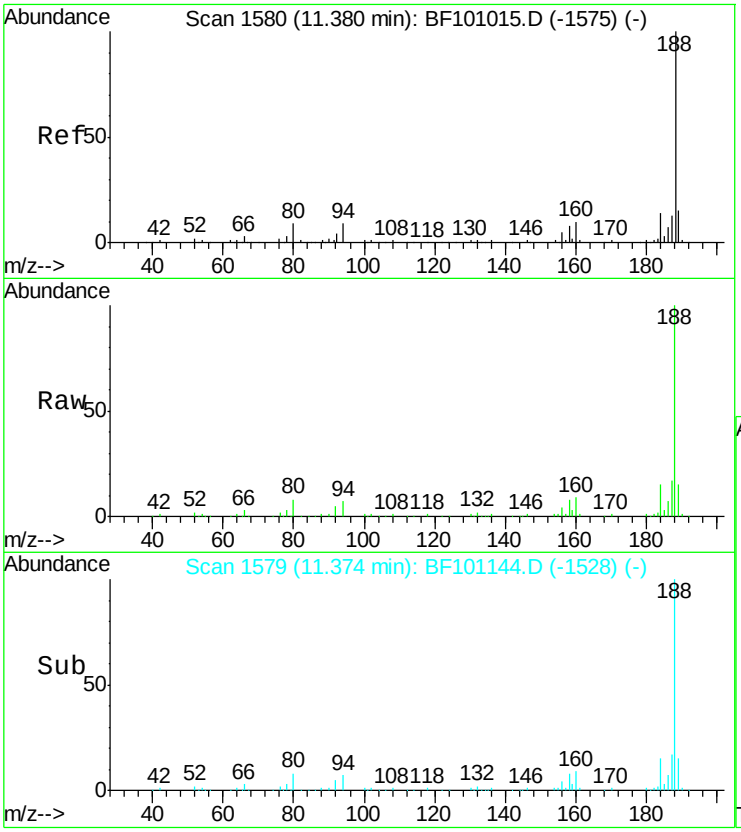


#49
Dimethylphthalate
Concen: 7.184 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:163 Resp: 56124

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	11.0	8.2	12.2



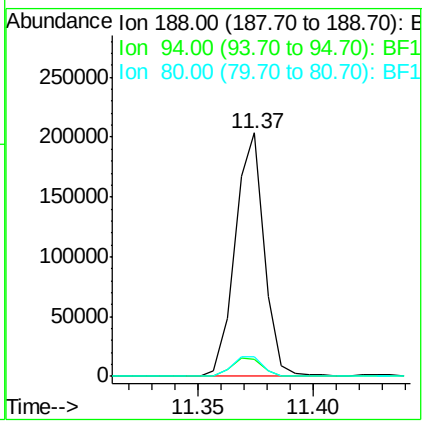


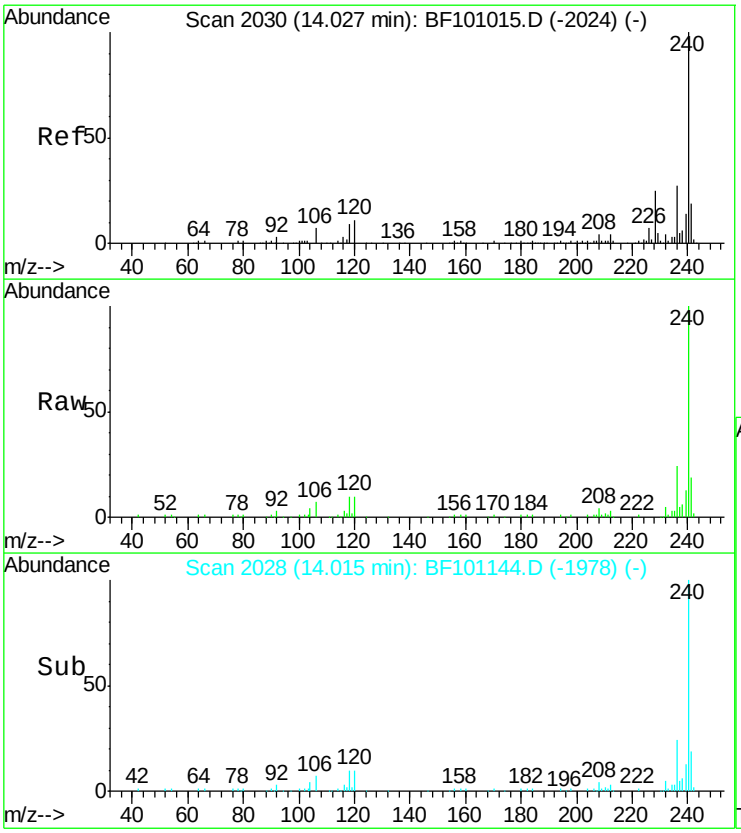
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion:188 Resp: 178686

Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.5	12.7#
80	8.0	9.2	13.8#

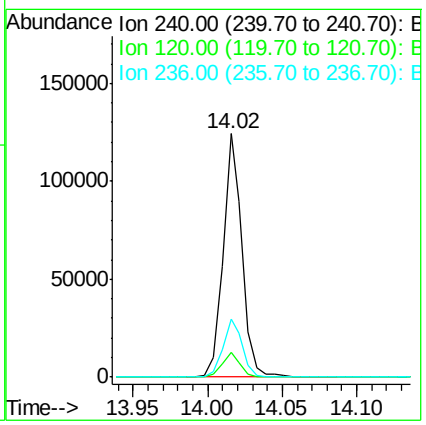


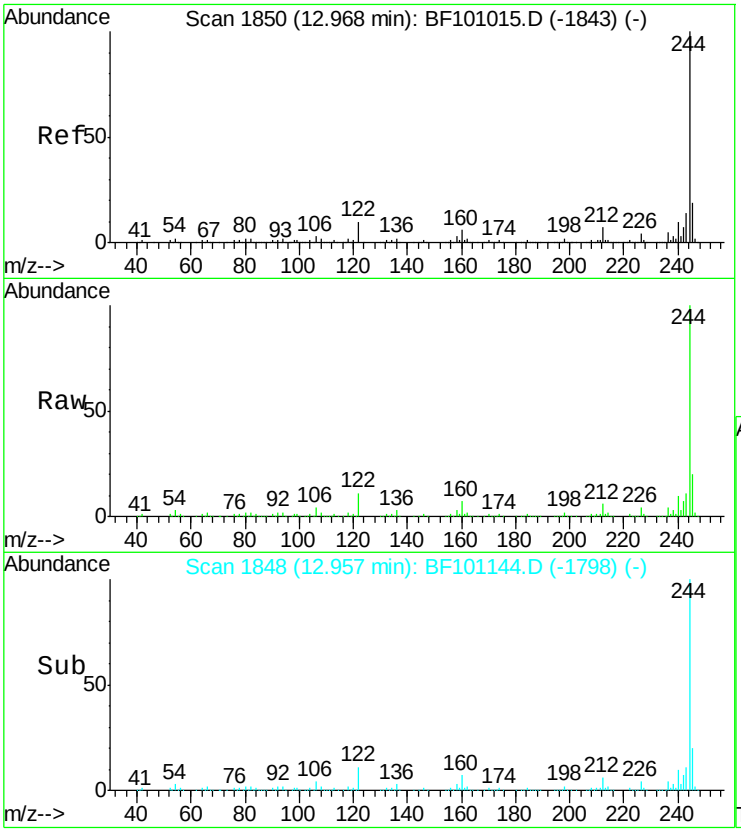


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:240 Resp: 110784

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	23.8	20.7	31.1



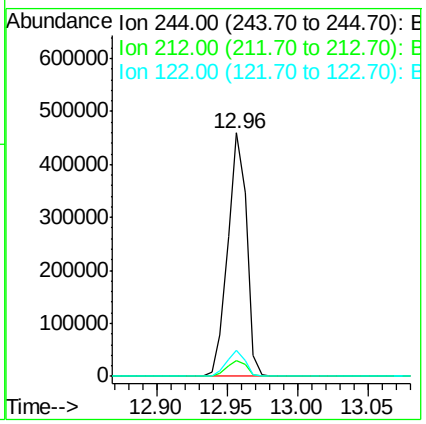


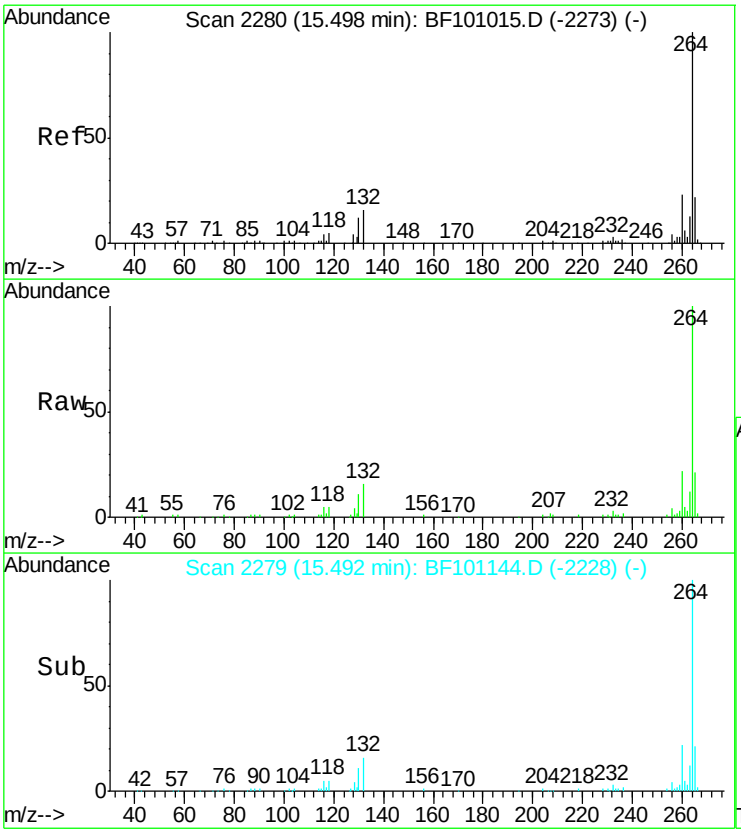
#78
Terphenyl-d14
Concen: 83.914 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101144.D
Acq: 6 Dec 2017 1:06

Instrument :
BNA_F
ClientSampleId :
MH-4-E(7-8)

Tgt Ion:244 Resp: 425023

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	10.7	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: BF101144.D
Acq: 6 Dec 2017 1:06

Tgt Ion:264 Resp: 115488

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	20.9	17.5	26.3