Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101312.D
Acq On : 12 Dec 2017 4:16
Operator : SJ/JU
Sample : I6764-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MAP-8-E(7-8)

Quant Time: Dec 12 06:45:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42730	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	159074	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	65955	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	111011	20.00	ng	0.00
75) Chrysene-d12	14.01	240	93197	20.00	ng	0.00
86) Perylene-d12	15.49	264	71485	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	282826	109.37	ng	0.02
7) Phenol-d6	6.47	99	340840	108.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	193028	72.39	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	63030	79.55	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	426368	88.45	ng	0.00
78) Terphenyl-d14	12.95	244	348394	81.77	ng	0.01
Target Compounds						Qvalue
10) Phenol	6.48	94	12321	3.529	ng	79
49) Dimethylphthalate	9.58	163	33077	6.219	ng	99

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

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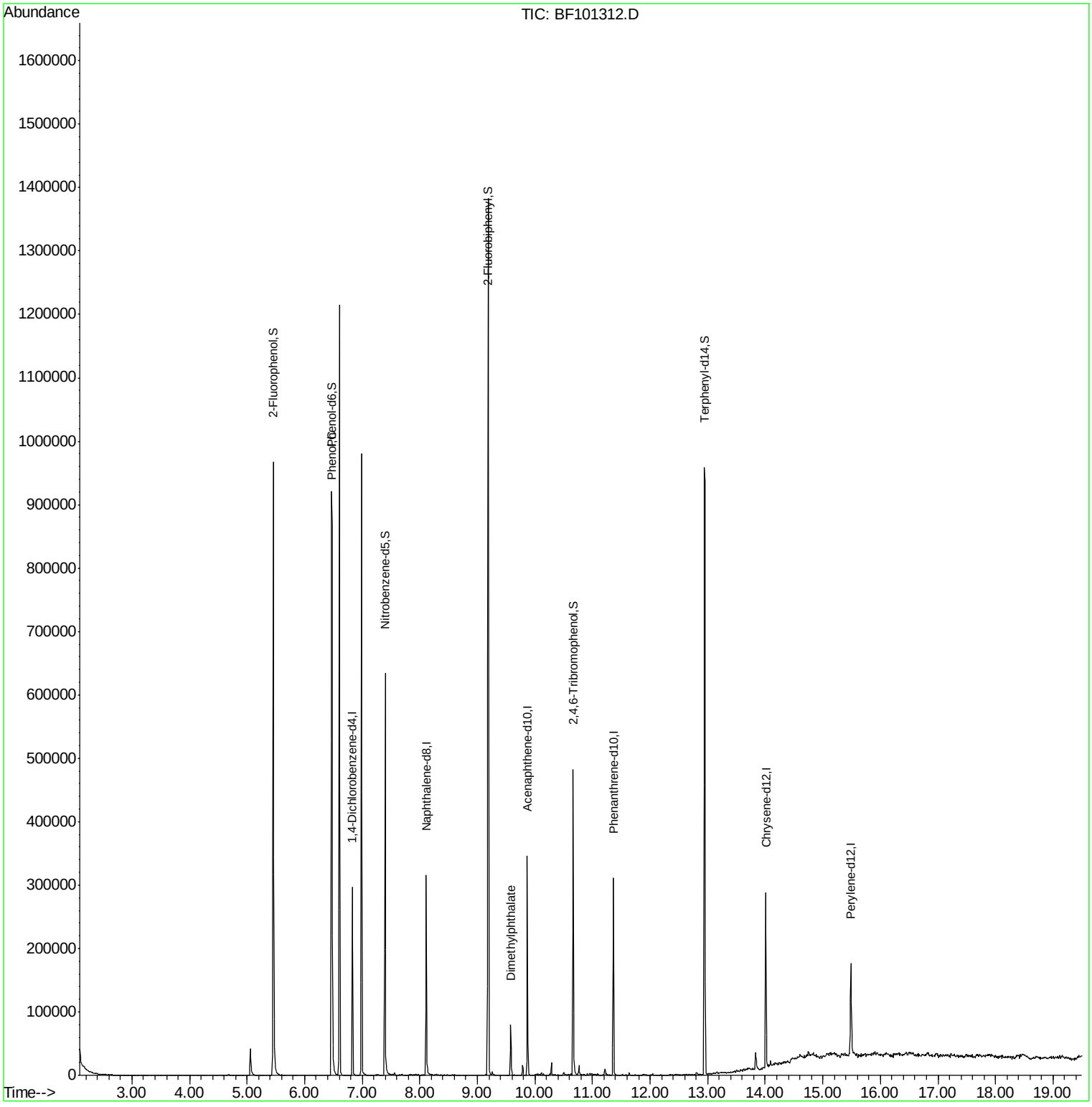
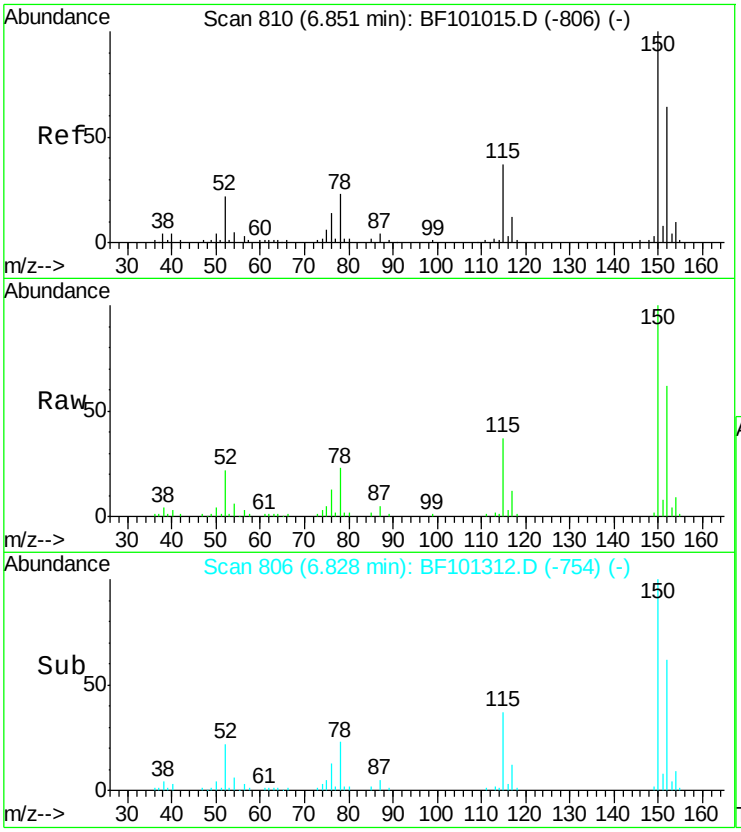


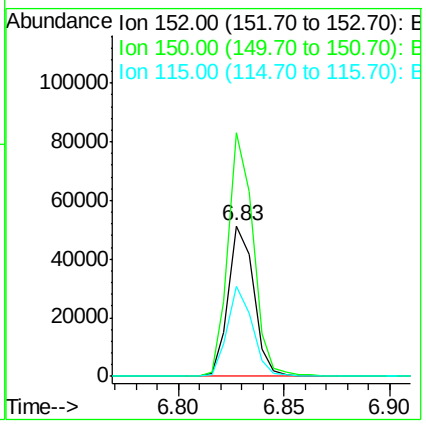


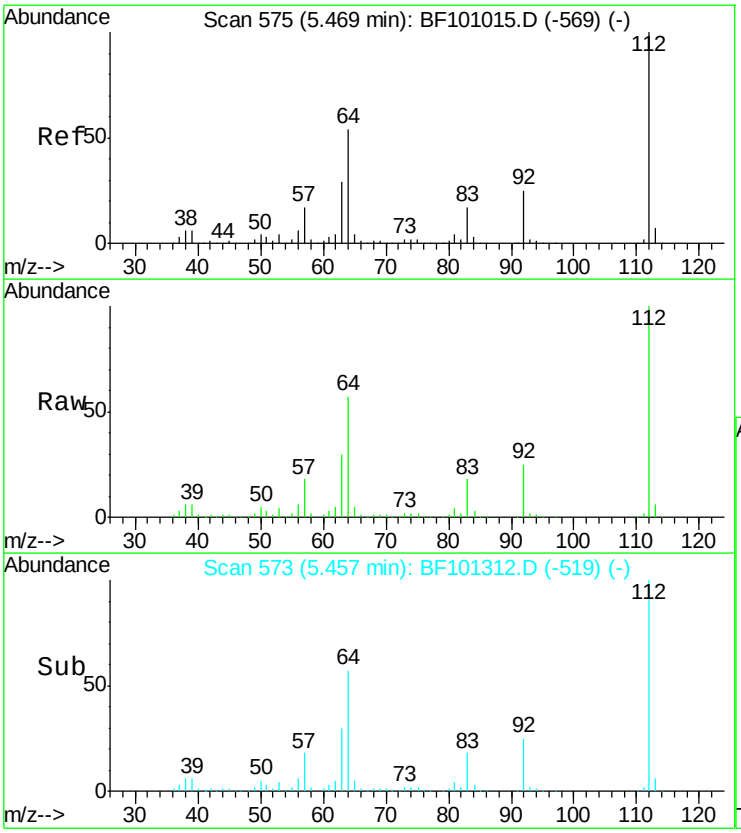
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:152 Resp: 42730

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	60.2	50.1	75.1

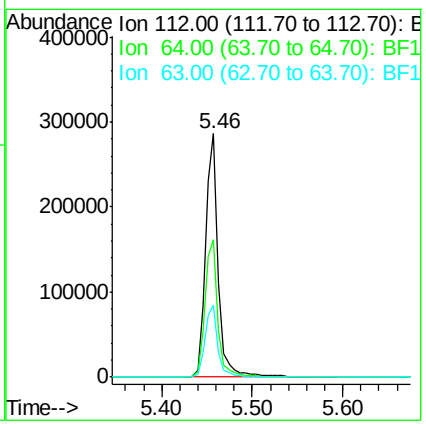


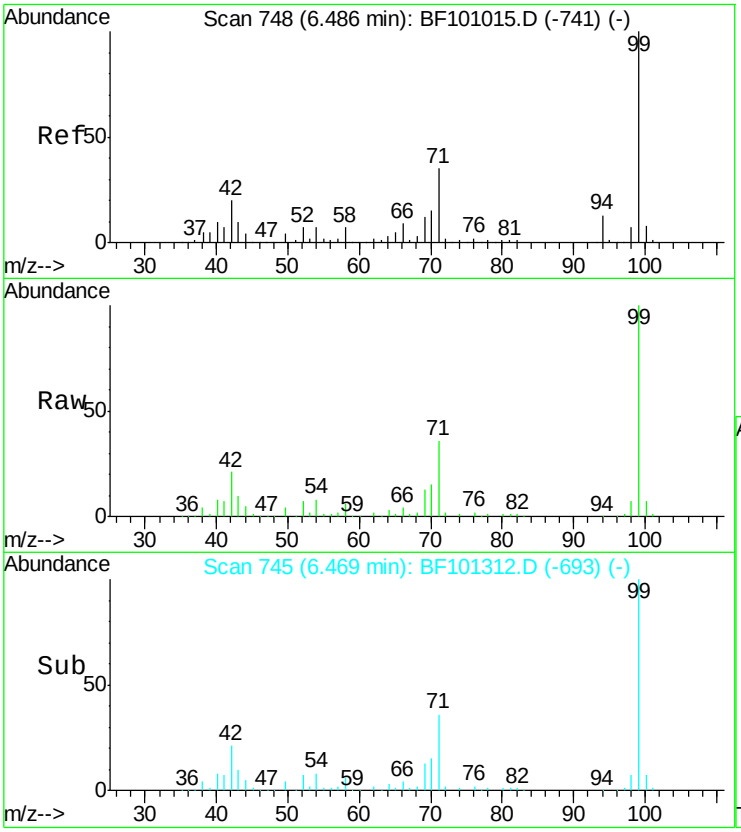


#5
2-Fluorophenol
Concen: 109.374 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:112 Resp: 282826

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	29.7	23.7	35.5



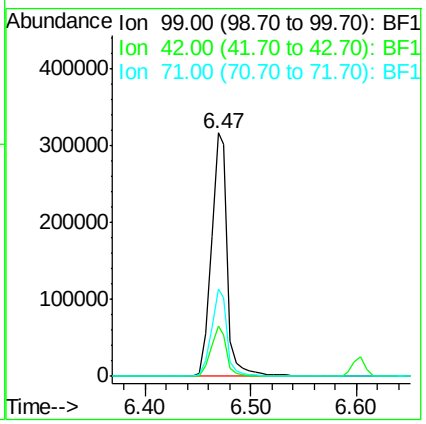


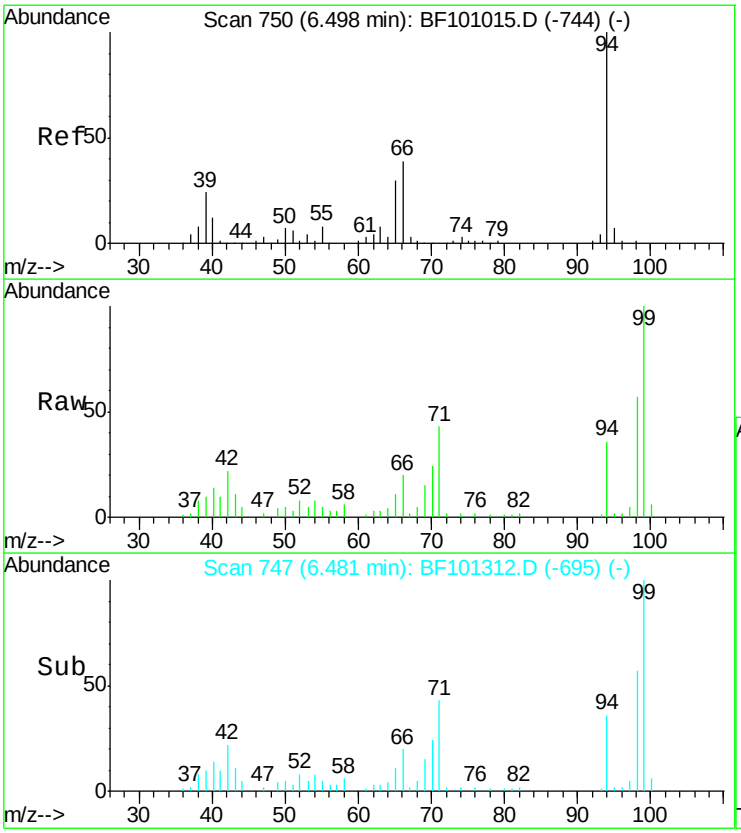
#7
Phenol-d6
Concen: 108.565 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion: 99 Resp: 340840

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	36.1	25.4	38.0

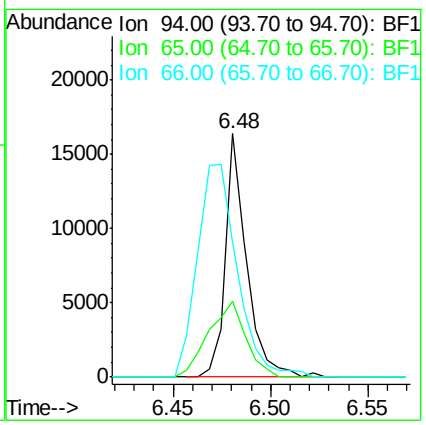


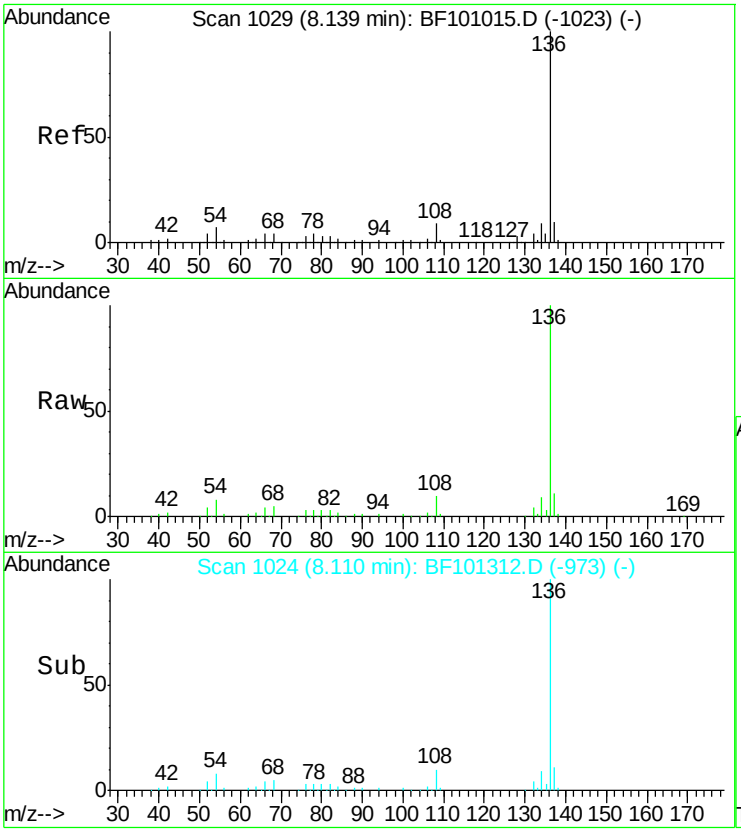


#10
Phenol
Concen: 3.529 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion: 94 Resp: 12321

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	55.5	16.2	56.2



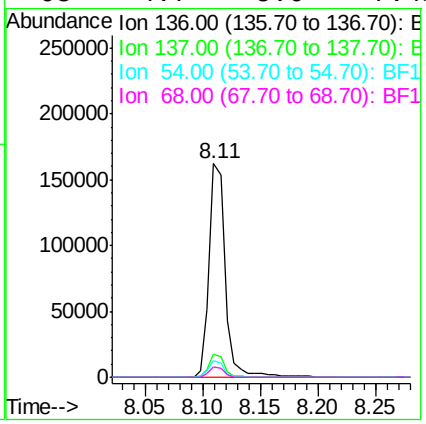


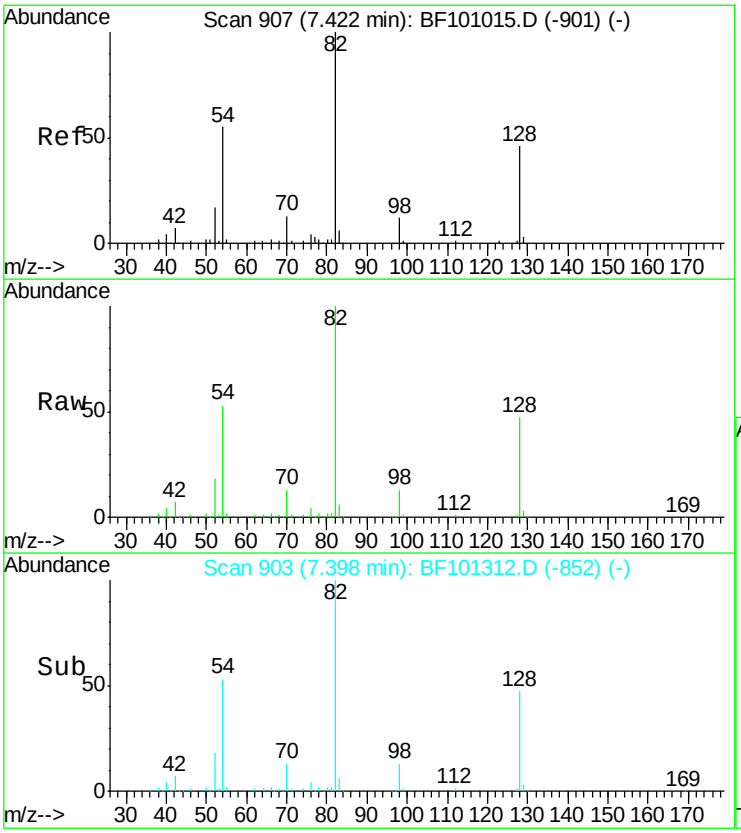
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:136 Resp: 159074

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	6.6	9.8
68	4.7	5.0	7.4#

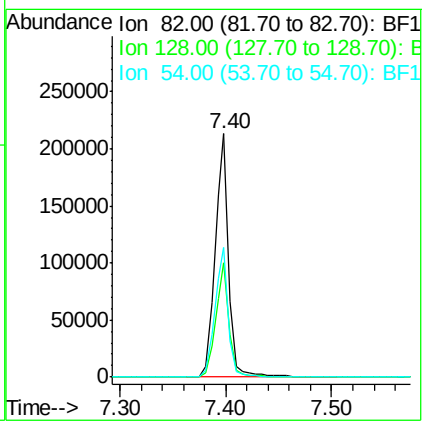


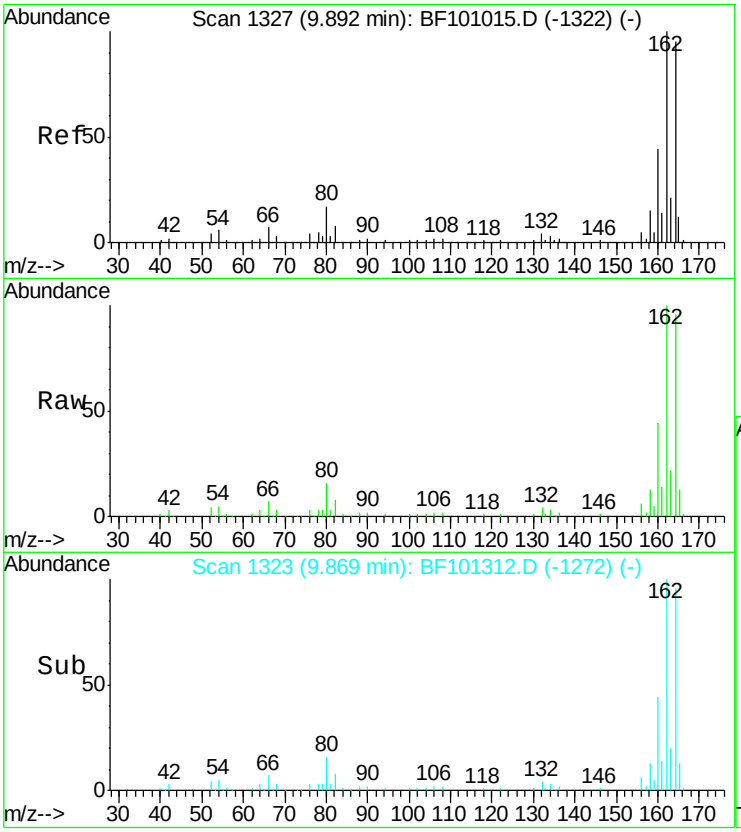


#23
Nitrobenzene-d5
Concen: 72.386 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion: 82 Resp: 193028

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.4	41.4	62.2



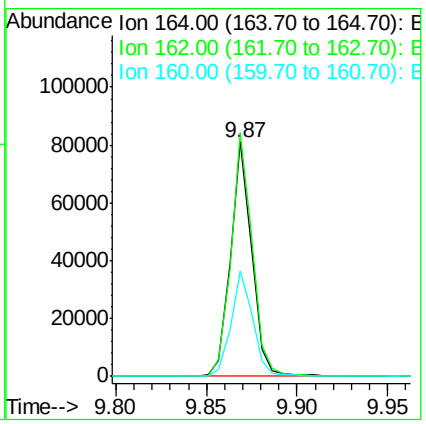


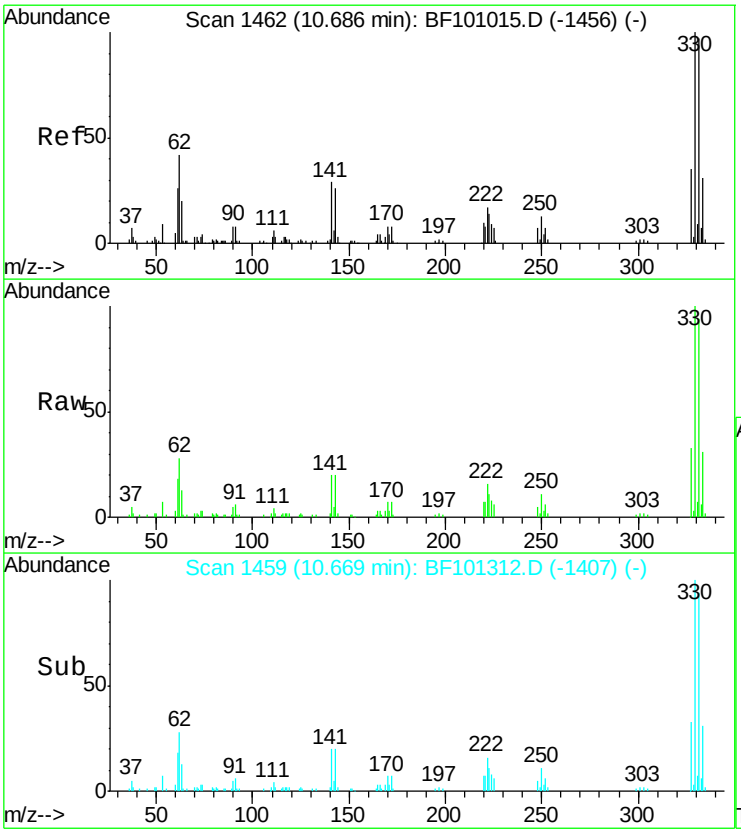
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:164 Resp: 65955

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	45.2	38.3	57.5

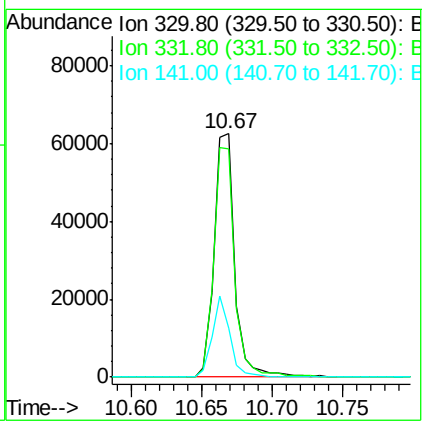


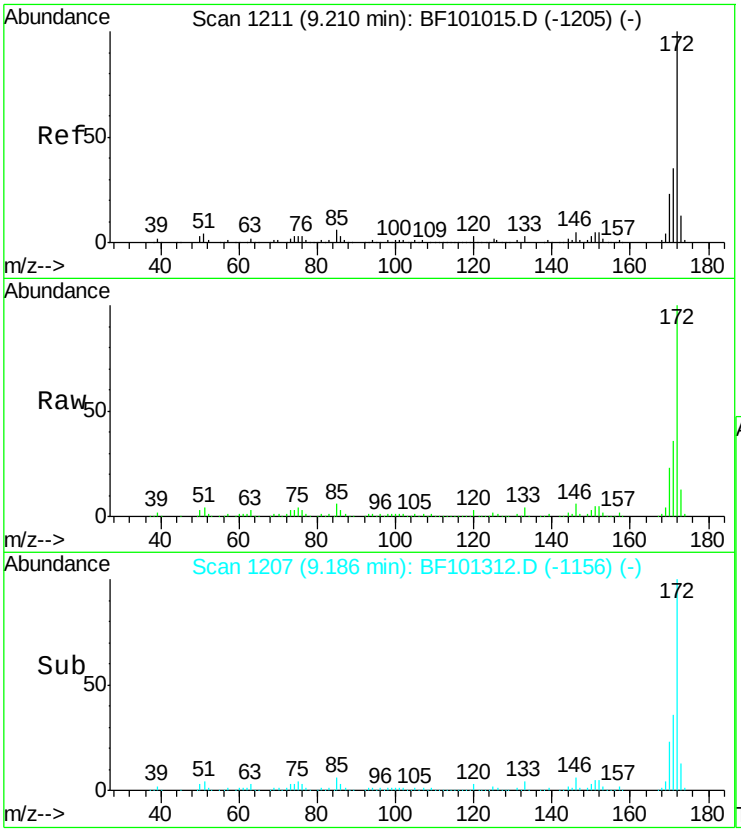


#41
2,4,6-Tribromophenol
Concen: 79.552 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:330 Resp: 63030

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.4	29.9	44.9#



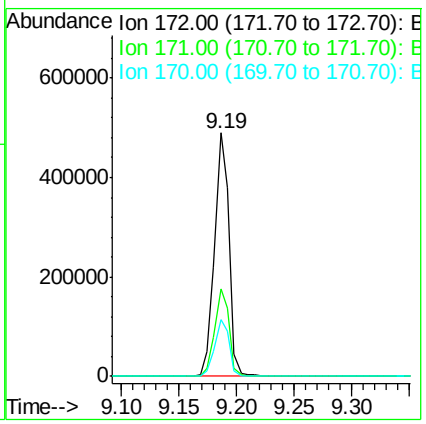


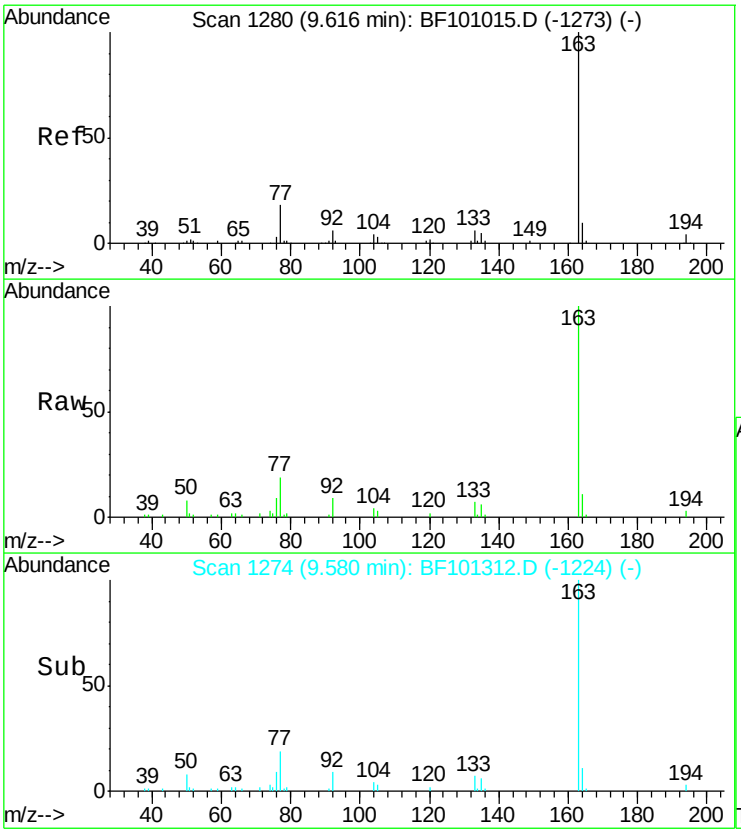
#44
2-Fluorobiphenyl
Concen: 88.448 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:172 Resp: 426368

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.2	19.6	29.4

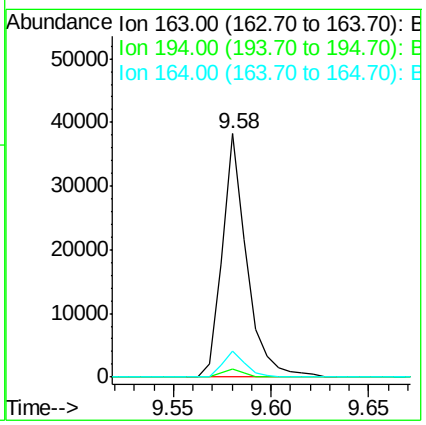


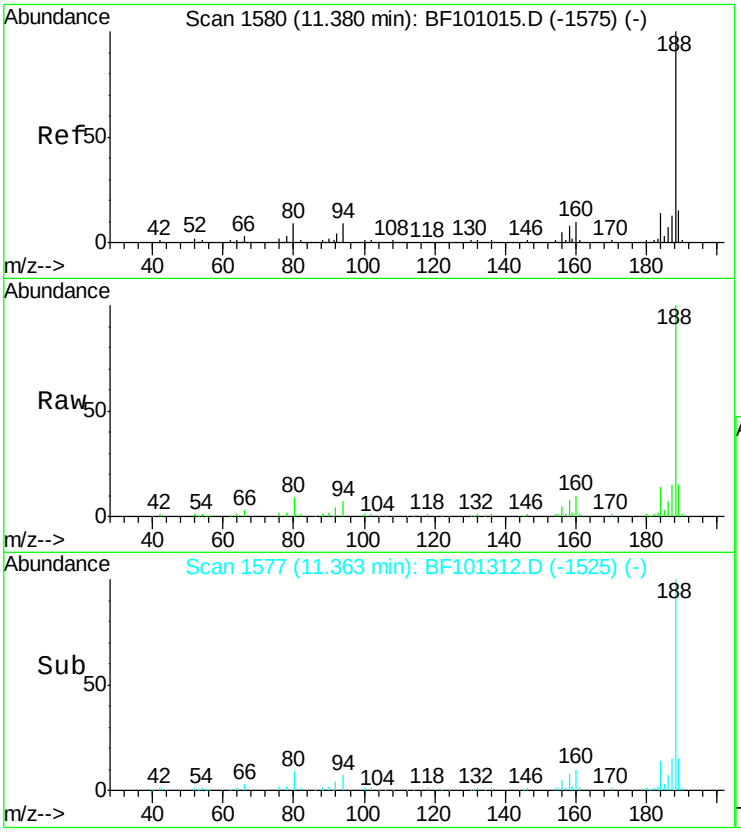


#49
Dimethylphthalate
Concen: 6.219 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:163 Resp: 33077

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.9	8.2	12.2



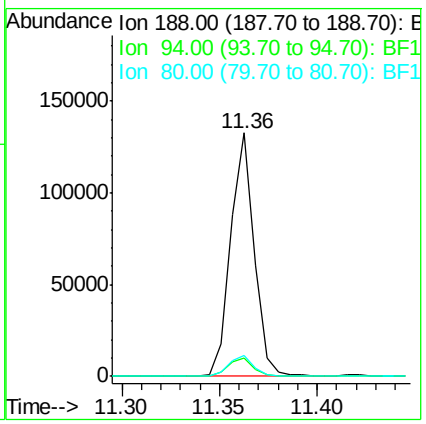


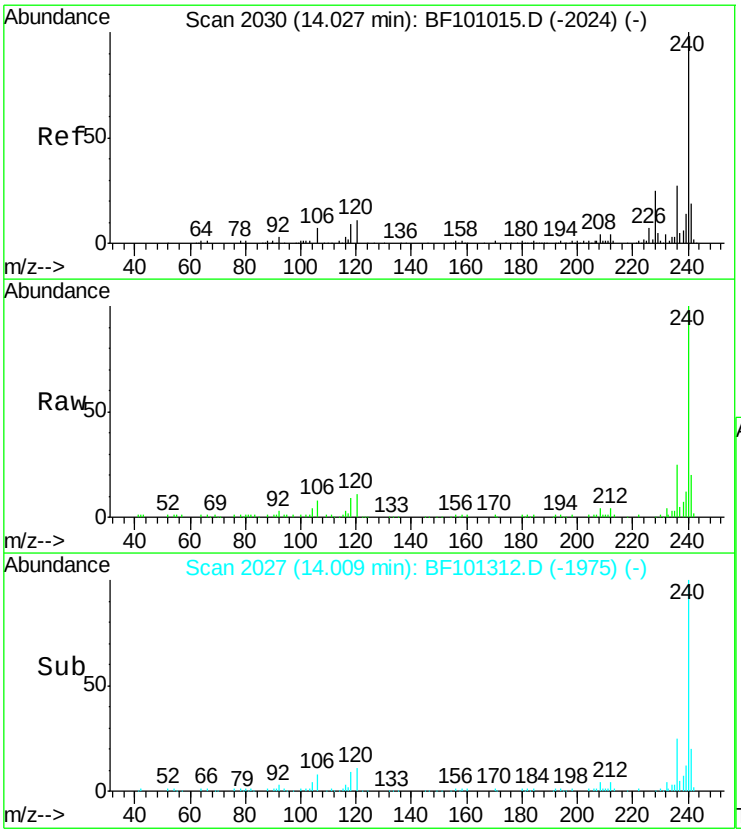
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:188 Resp: 111011

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.7	9.2	13.8#

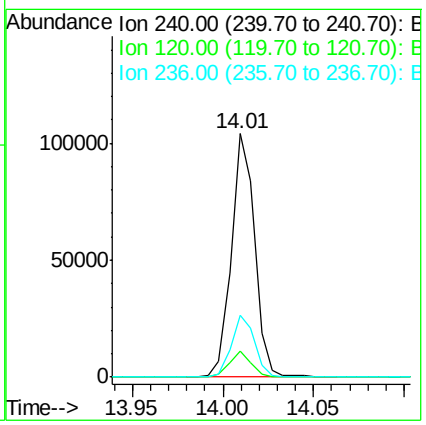


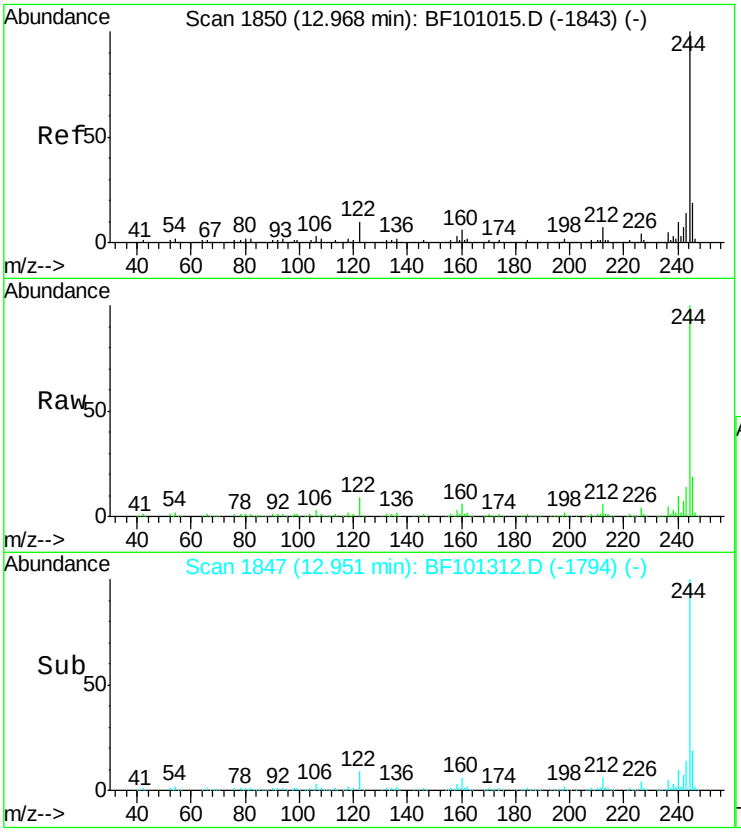


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:240 Resp: 93197

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	25.2	20.7	31.1



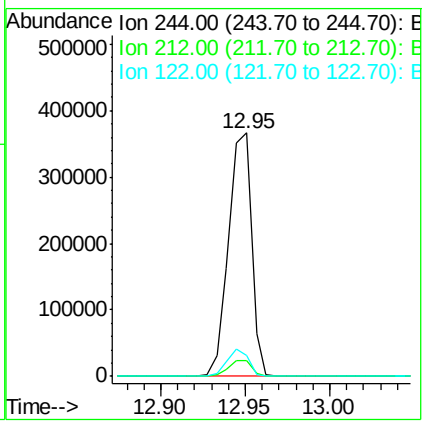


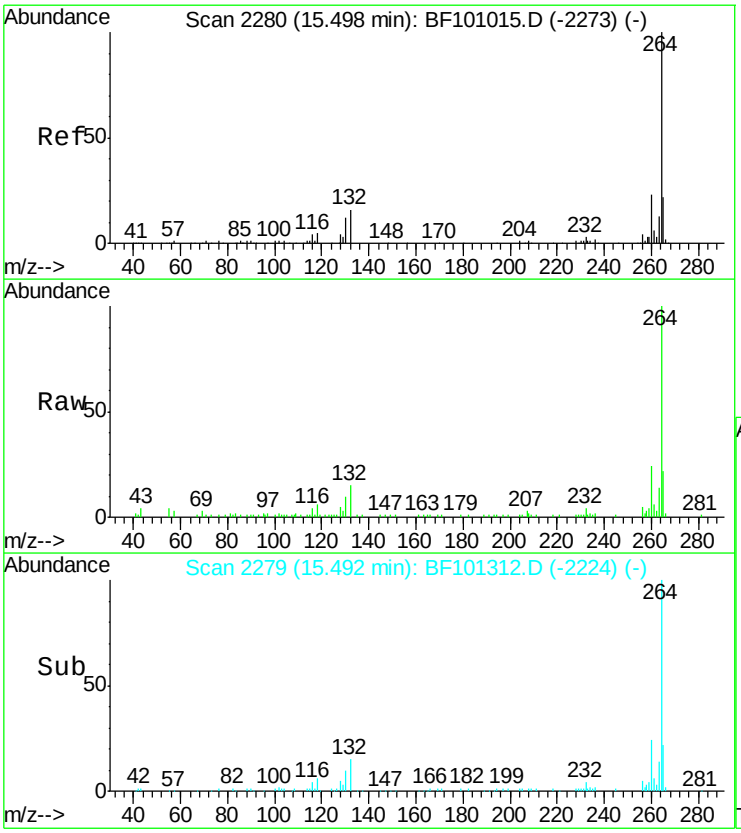
#78
Terphenyl-d14
Concen: 81.765 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tgt Ion:244 Resp: 348394

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:264 Resp: 71485

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3