Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101163.D
Acq On : 6 Dec 2017 13:16
Operator : SJ/JU
Sample : I6620-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4(10-12)-20171128

Quant Time: Dec 06 14:58:17 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	48330	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	190819	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	91503	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	180614	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106432	20.00	ng	0.00
86) Perylene-d12	15.49	264	102683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	306686	104.86	ng	0.00
7) Phenol-d6	6.48	99	372787	104.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	233600	73.03	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	98250	89.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	521740	78.01	ng	0.00
78) Terphenyl-d14	12.96	244	495434	101.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	12493	3.164	ng	87
49) Dimethylphthalate	9.59	163	31869	4.319	ng	99

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

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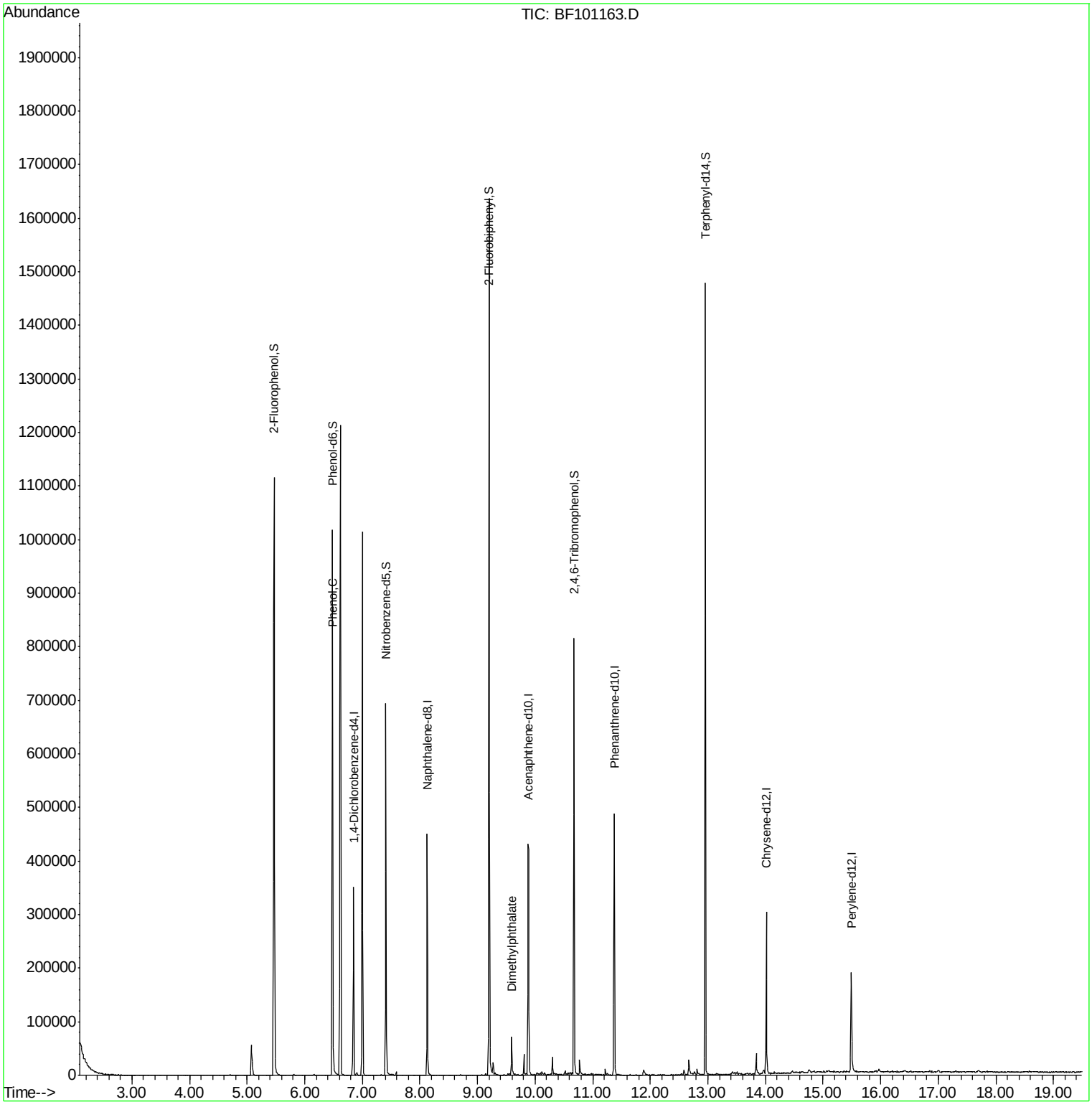
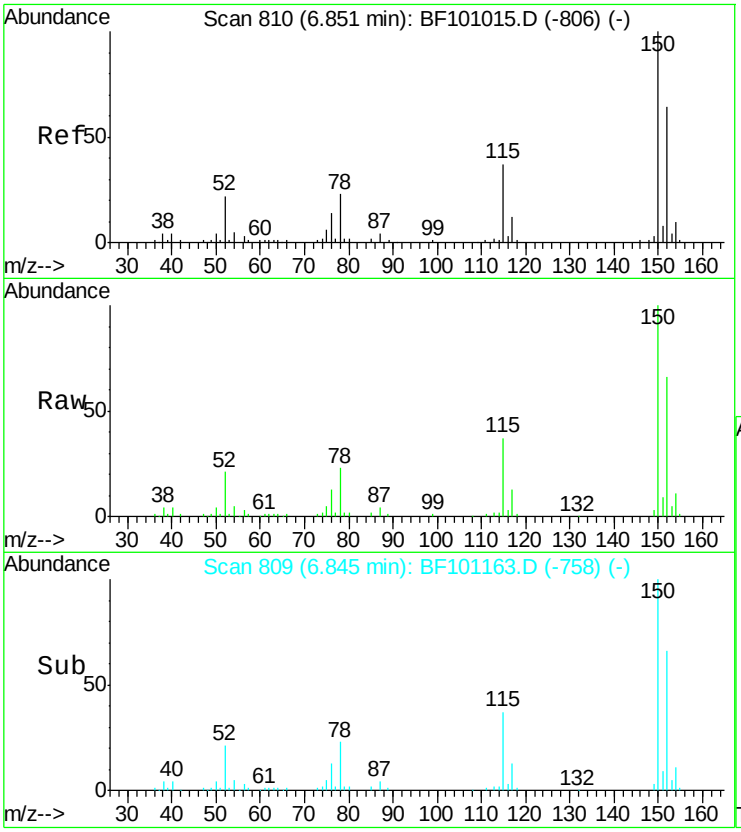


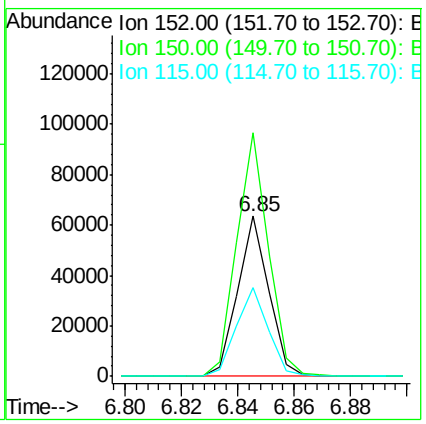


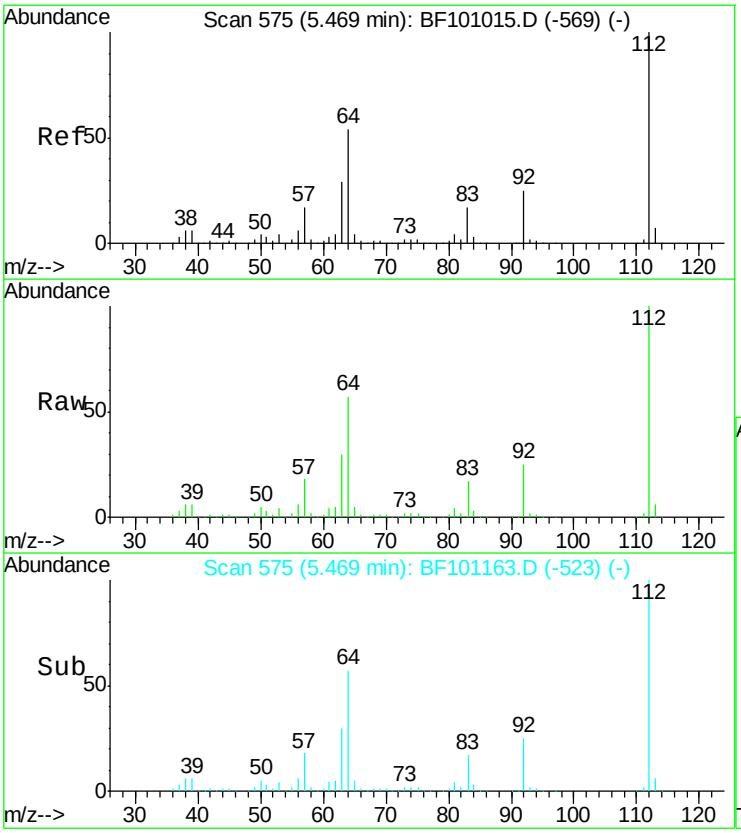
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:152 Resp: 48330

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	55.8	50.1	75.1

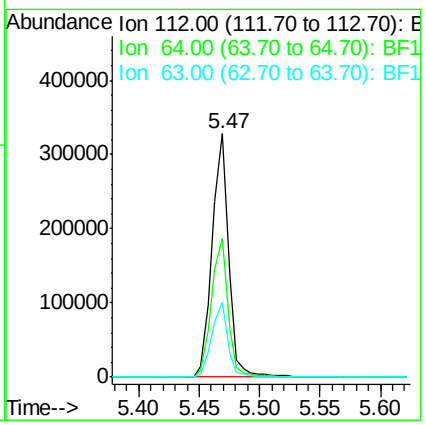


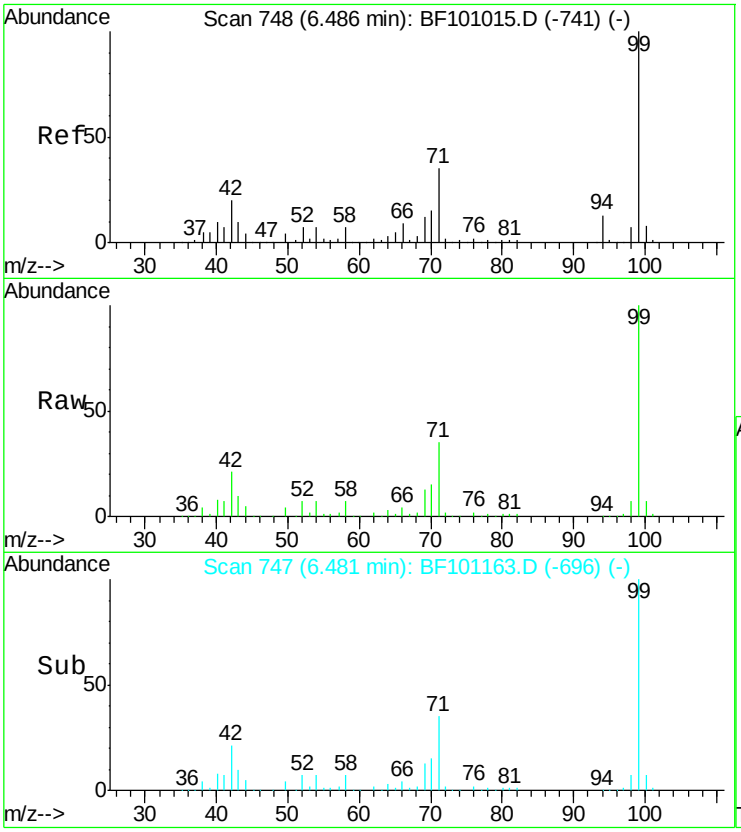


#5
2-Fluorophenol
Concen: 104.859 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:112 Resp: 306686

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	30.4	23.7	35.5



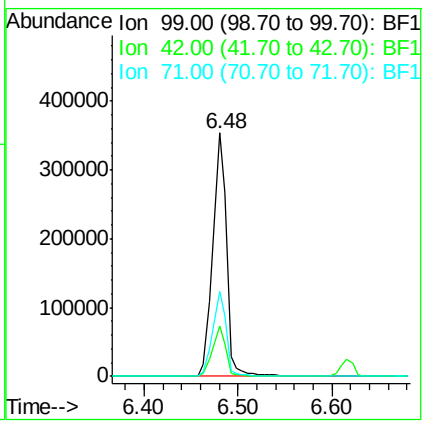


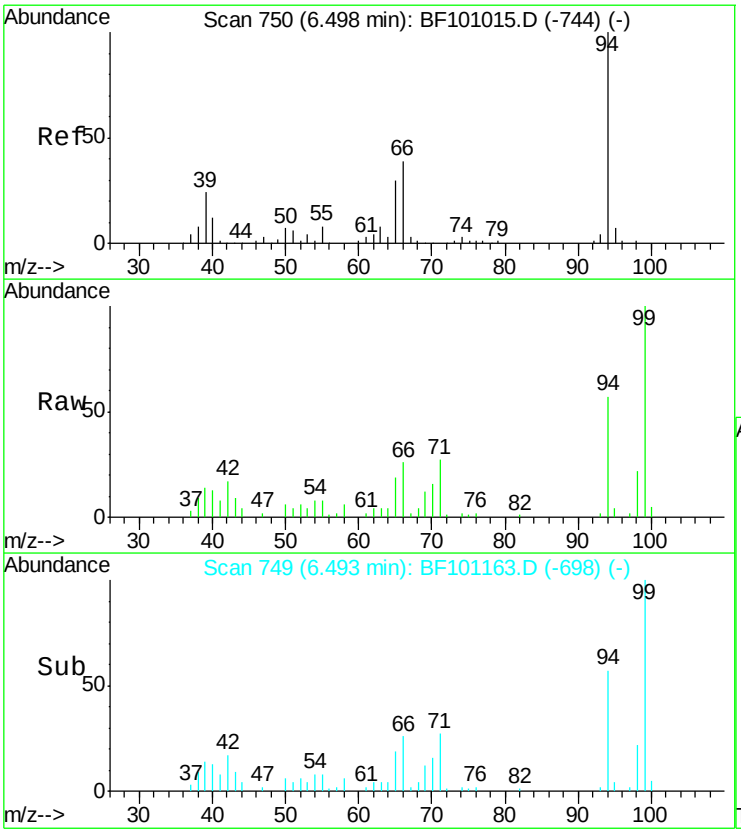
#7
Phenol-d6
Concen: 104.983 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion: 99 Resp: 372787

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.0	25.4	38.0

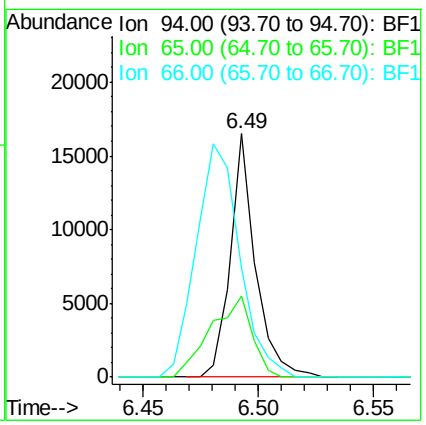


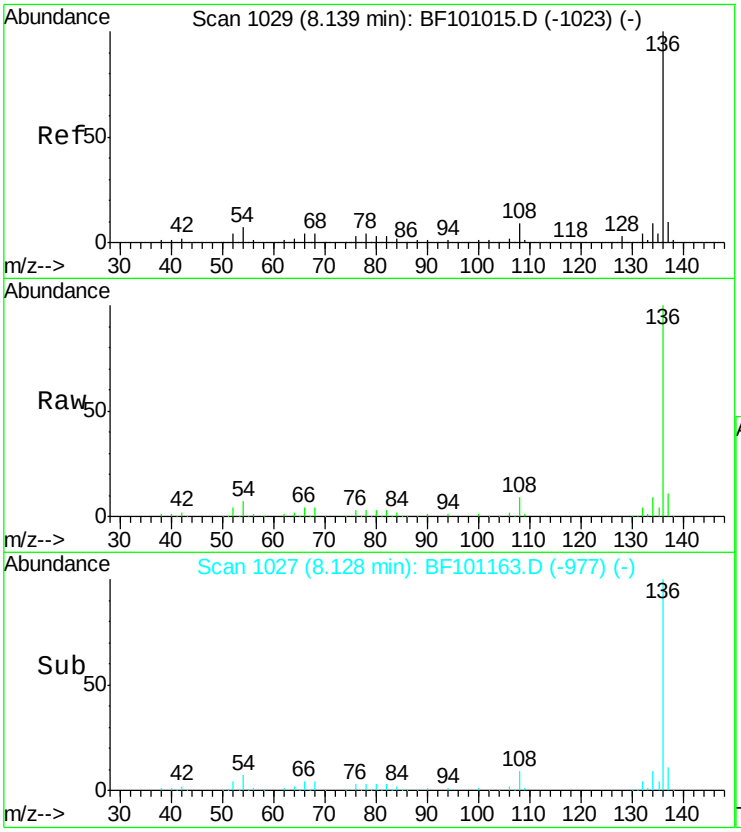


#10
Phenol
Concen: 3.164 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion: 94 Resp: 12493

Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	44.9	16.2	56.2



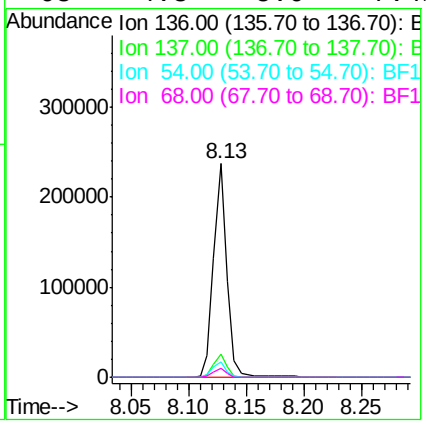


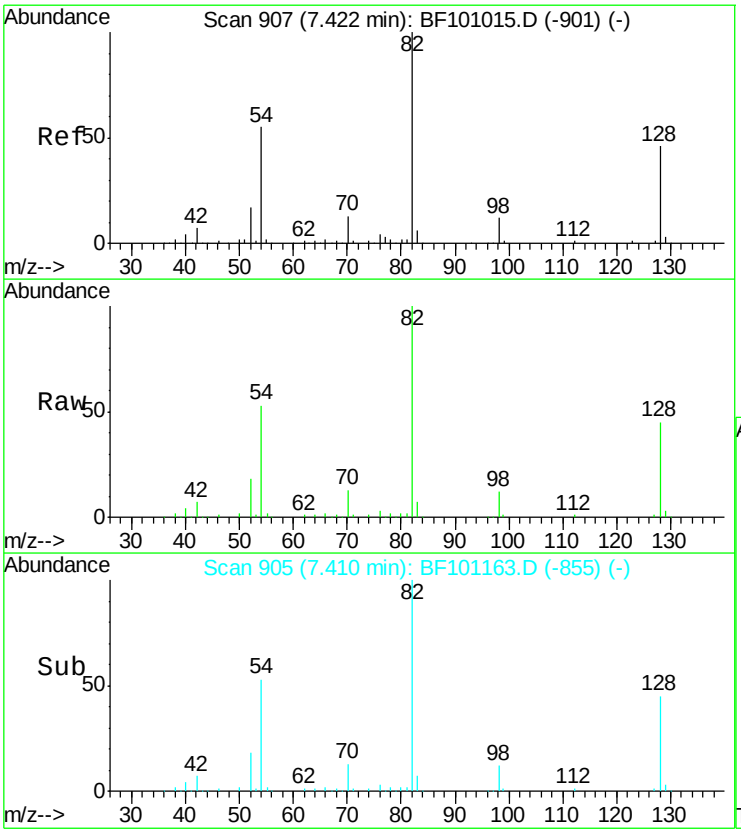
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:136 Resp: 190819

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.1	6.6	9.8
68	4.3	5.0	7.4#

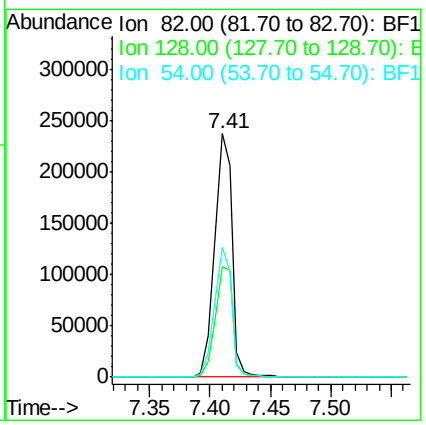


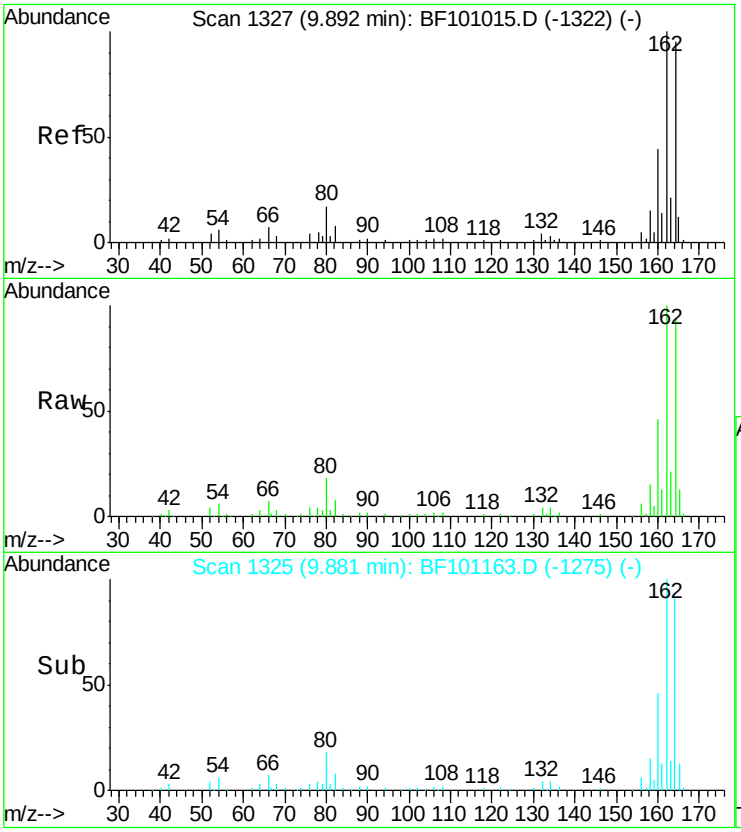


#23
Nitrobenzene-d5
Concen: 73.027 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion: 82 Resp: 233600

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	53.2	41.4	62.2



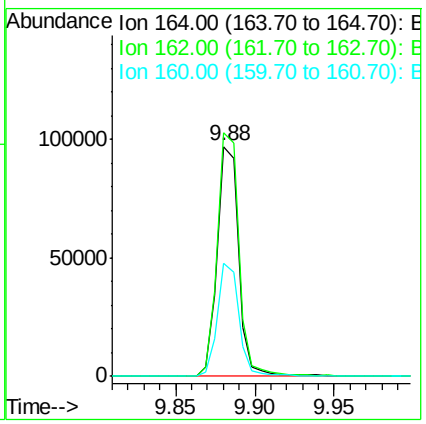


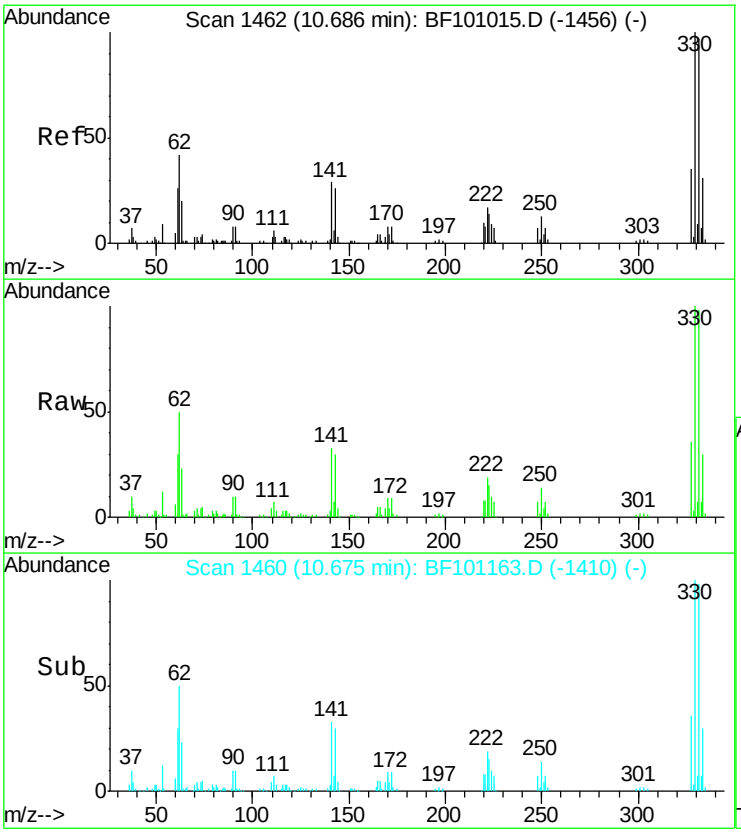
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:164 Resp: 91503

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	49.1	38.3	57.5

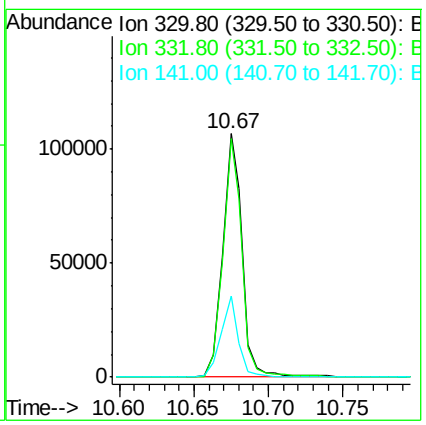


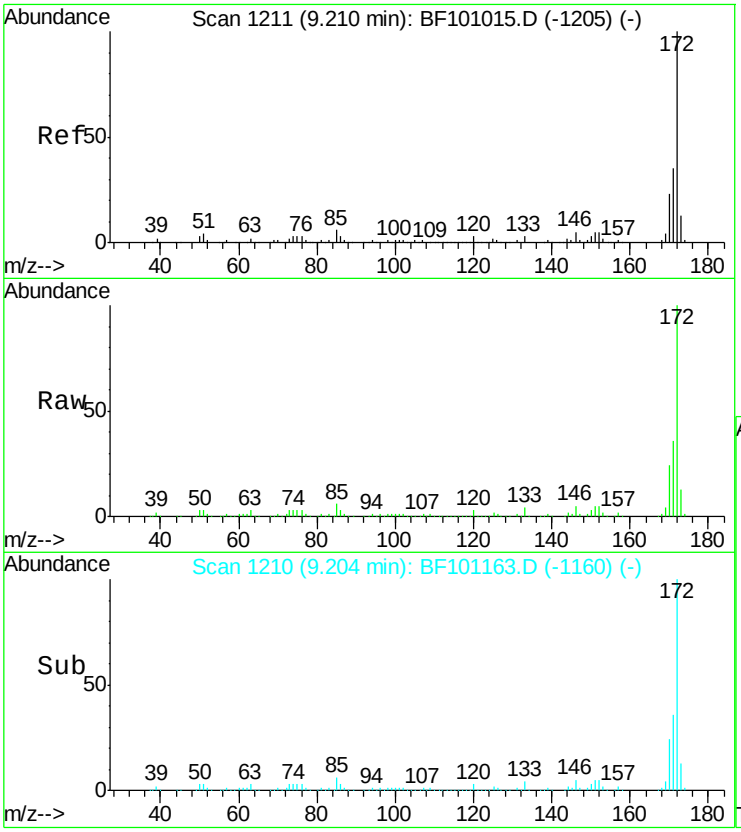


#41
2,4,6-Tribromophenol
Concen: 89.382 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:330 Resp: 98250

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.7	29.9	44.9#



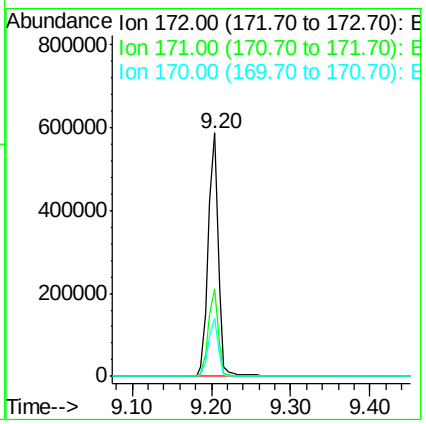


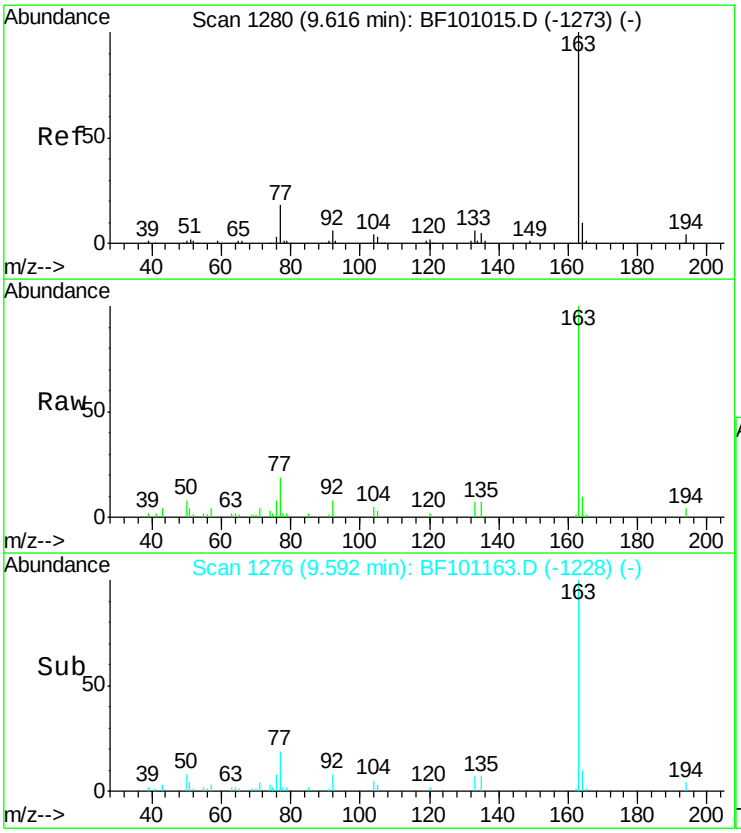
#44
2-Fluorobiphenyl
Concen: 78.013 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:172 Resp: 521740

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

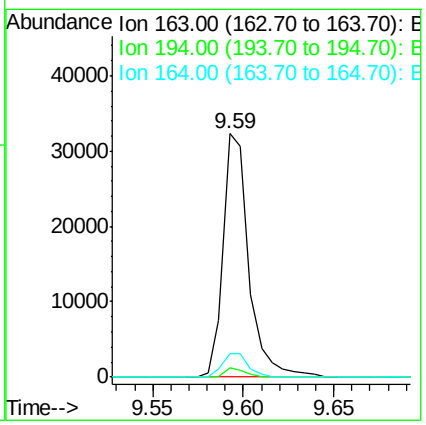


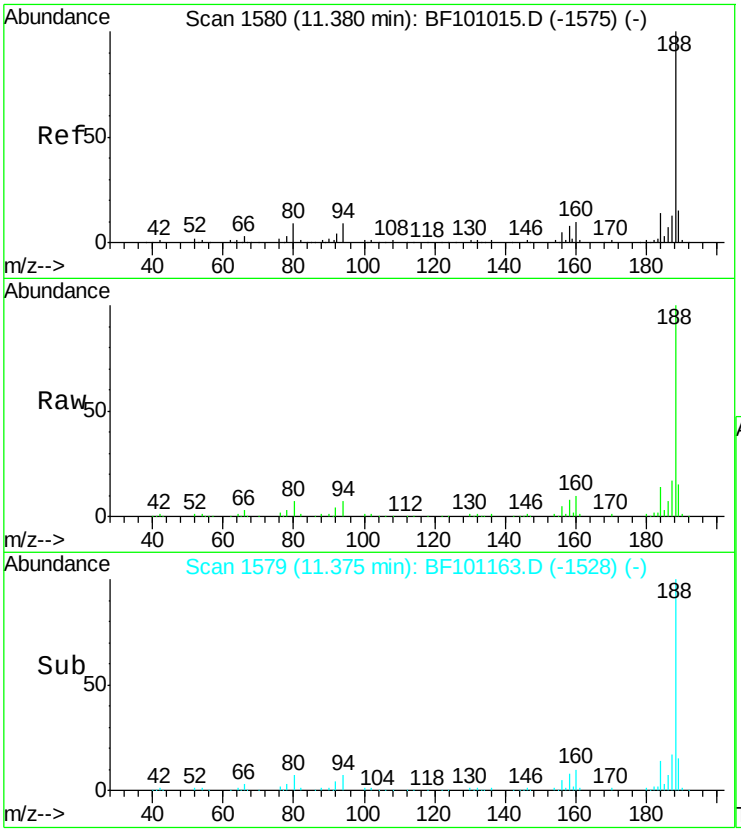


#49
Dimethylphthalate
Concen: 4.319 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:163 Resp: 31869

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2



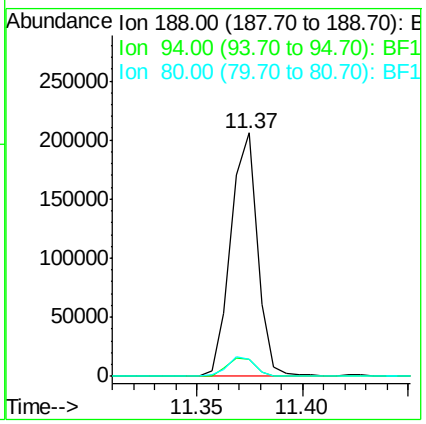


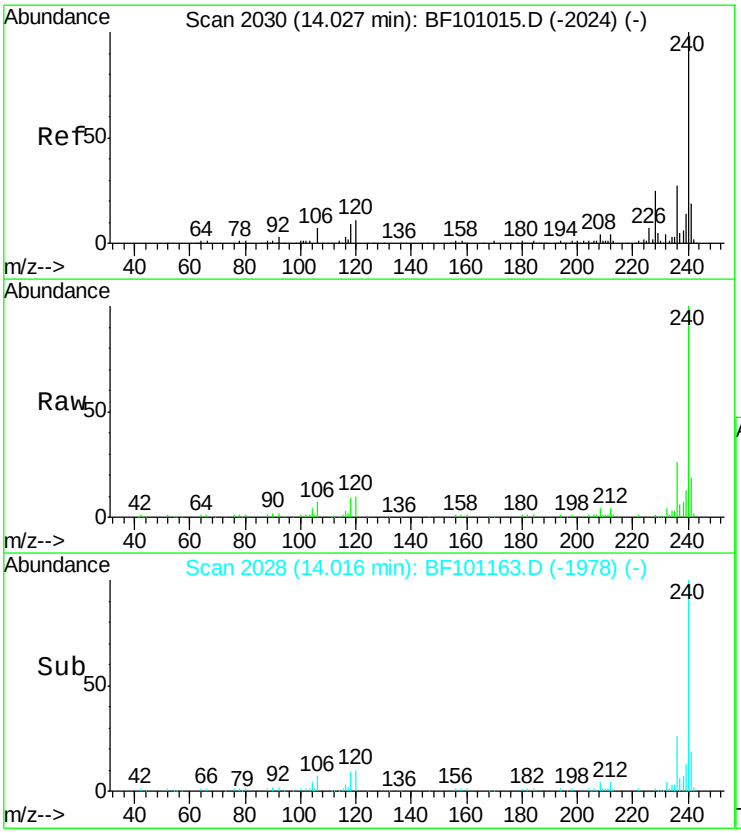
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:188 Resp: 180614

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.2	9.2	13.8#

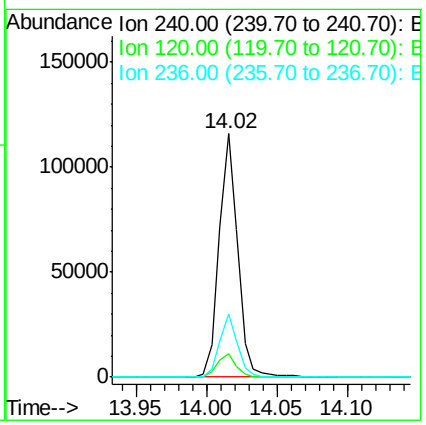


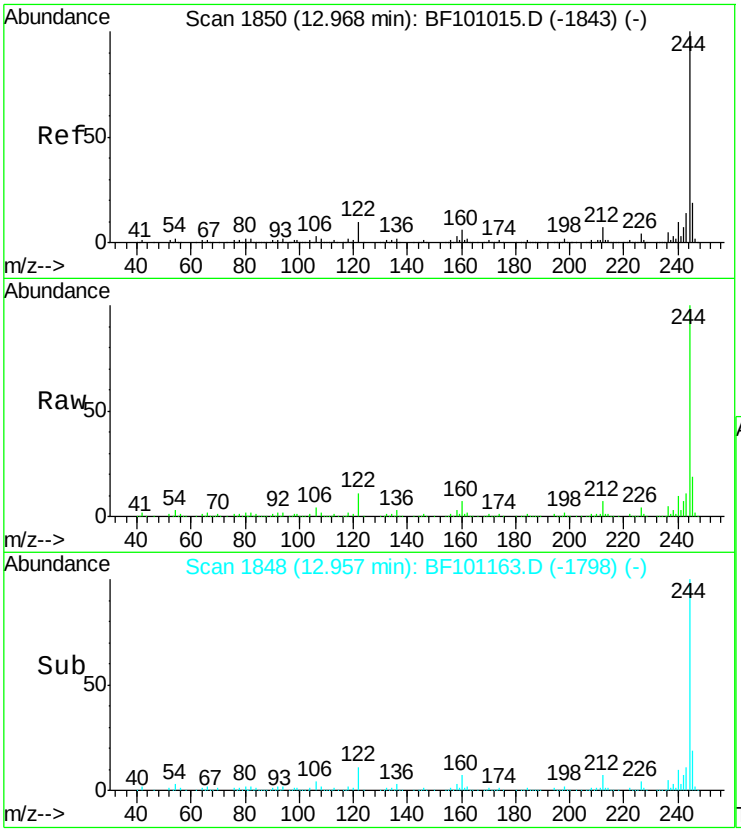


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:240 Resp: 106432

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.9	20.7	31.1



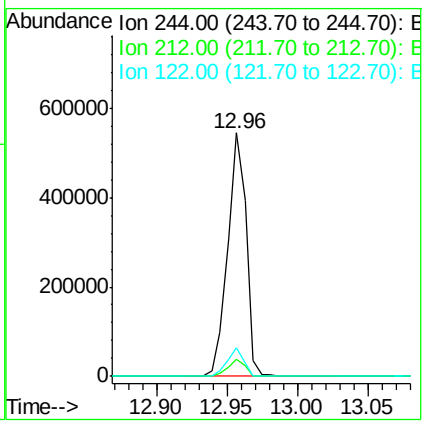


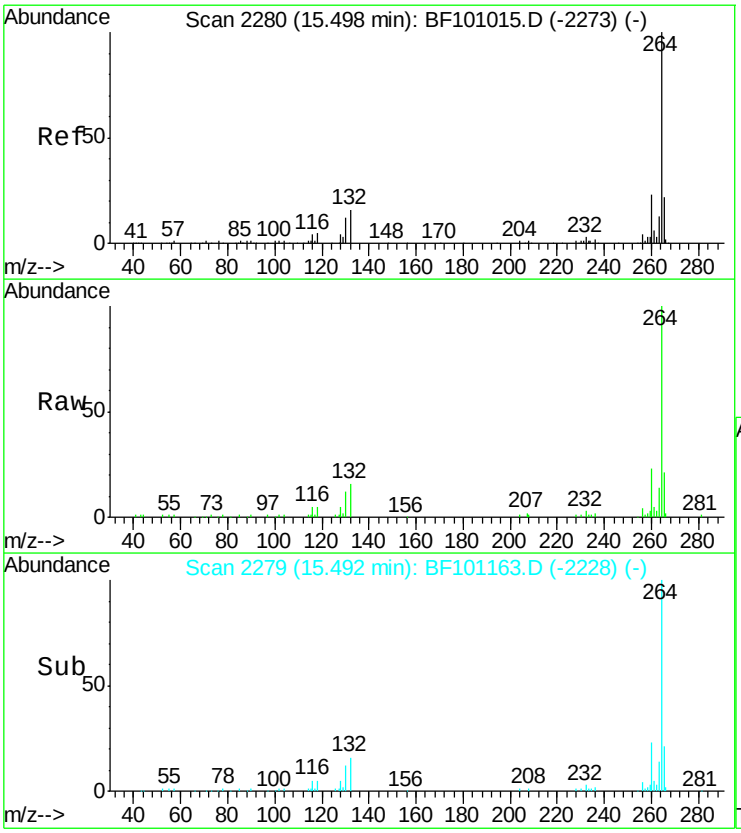
#78
Terphenyl-d14
Concen: 101.816 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101163.D
Acq: 6 Dec 2017 13:16

Instrument :
BNA_F
ClientSampleId :
SB-4(10-12)-20171128

Tgt Ion:244 Resp: 495434

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.5	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: BF101163.D
Acq: 6 Dec 2017 13:16

Tgt Ion:264 Resp: 102683

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3