Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102359.D
Acq On : 23 Jan 2018 23:06
Operator : SJ/JU
Sample : J1248-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P003-S004-0001-01

Quant Time: Jan 24 03:10:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	134854	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	566921	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242072	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	376100	20.00	ng	0.00
75) Chrysene-d12	13.87	240	270692	20.00	ng	0.00
86) Perylene-d12	15.30	264	217323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	946471	106.42	ng	0.01
7) Phenol-d6	6.36	99	1137777	106.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	703715	71.33	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212480	88.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1076176	65.37	ng	0.00
78) Terphenyl-d14	12.82	244	754290	62.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	38316	3.273	ng	97
49) Dimethylphthalate	9.47	163	255835	12.786	ng	100

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

Quantitation Report (LSC Reviewed)

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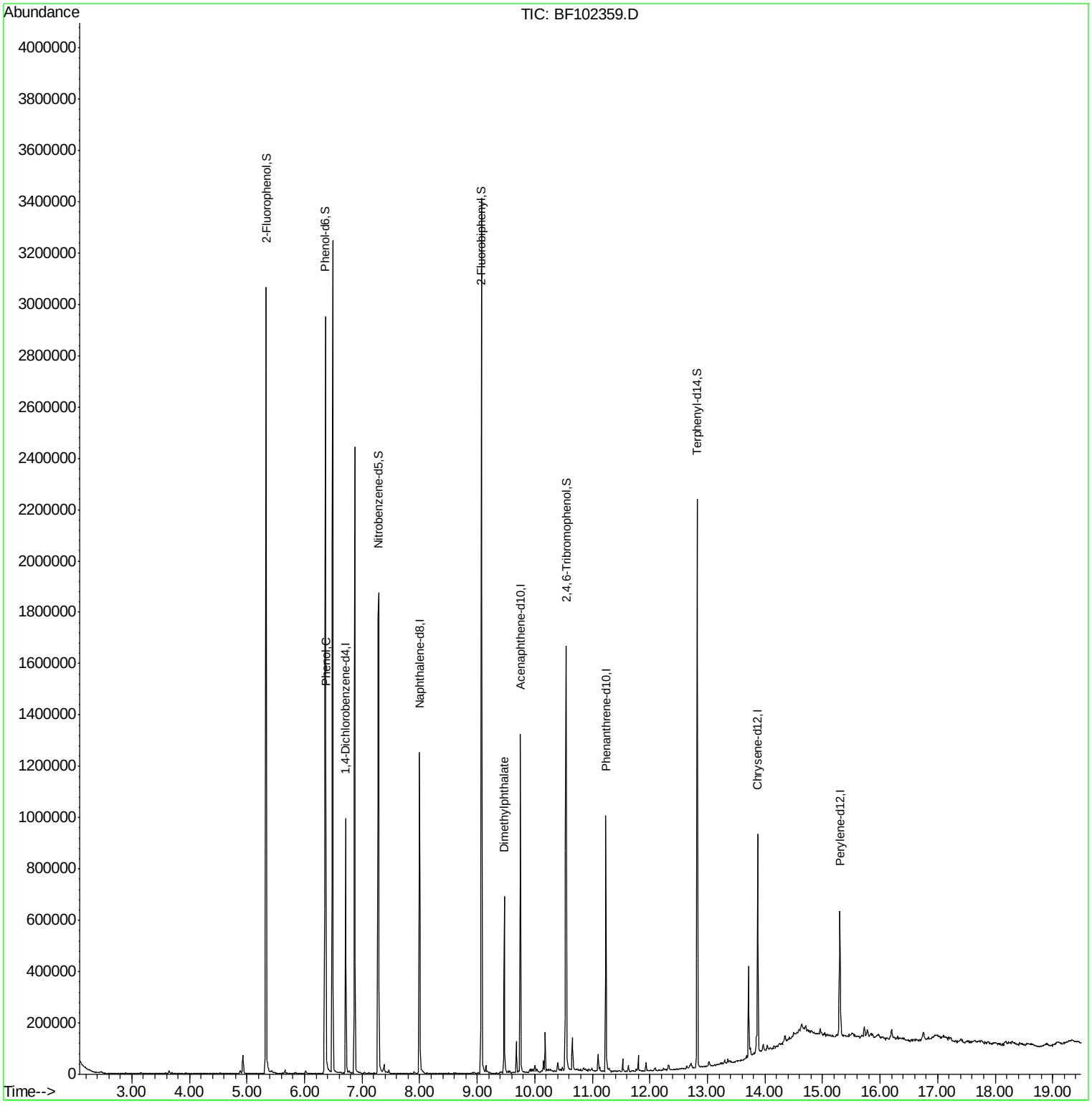
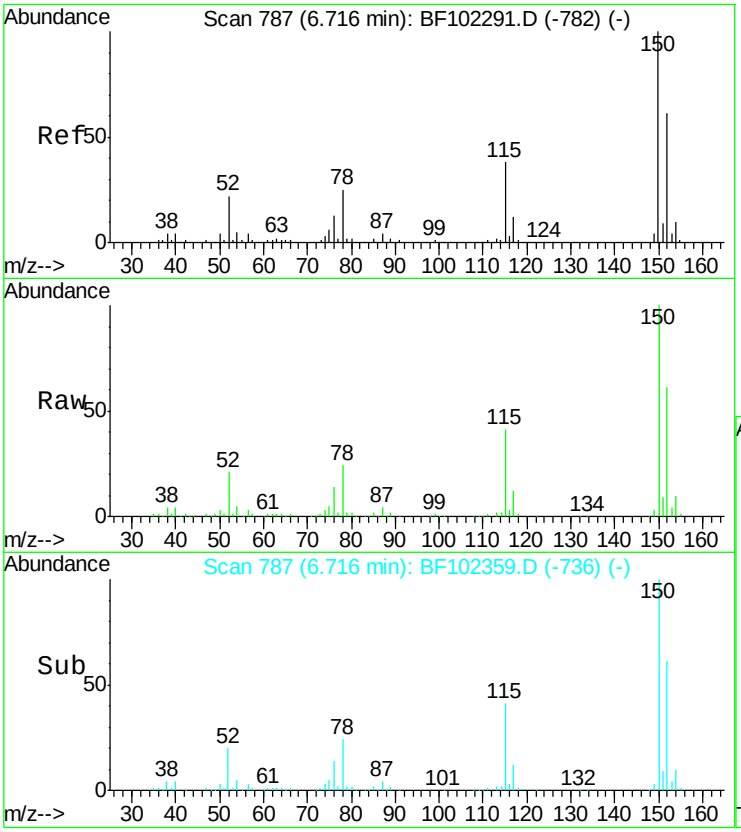


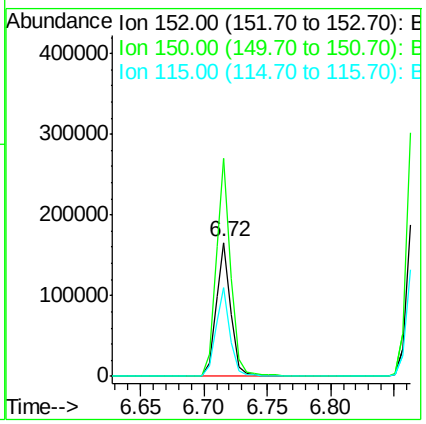


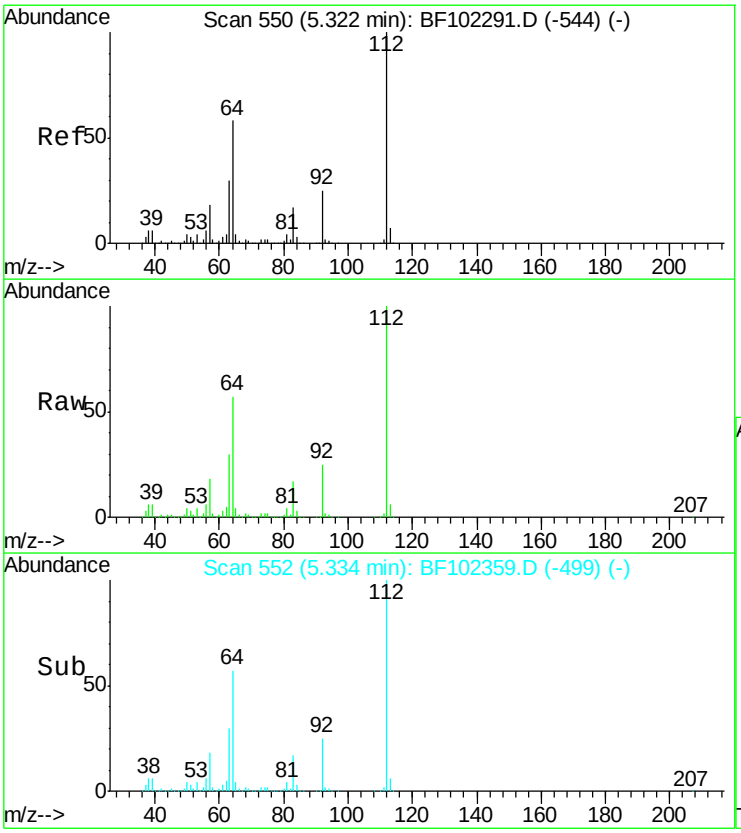
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:152 Resp: 134854

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	66.3	50.1	75.1

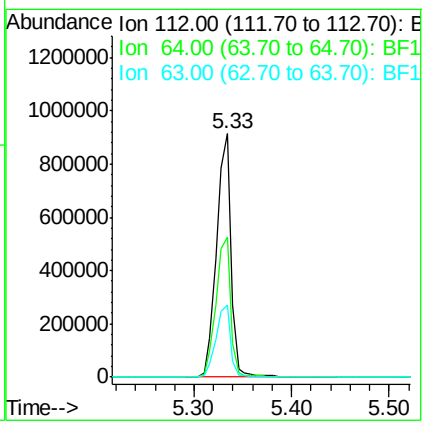


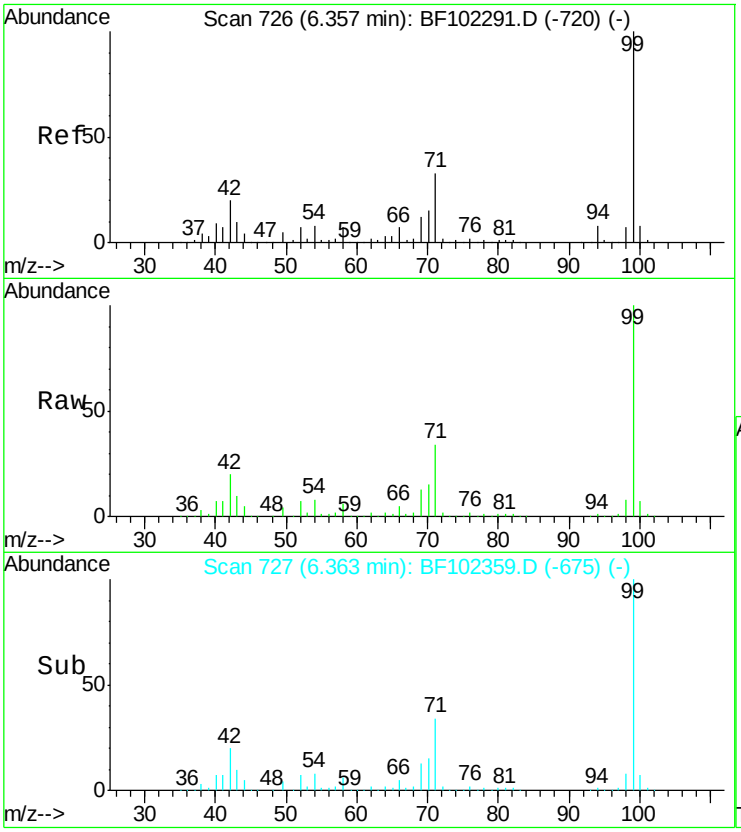


#5
2-Fluorophenol
Concen: 106.419 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:112 Resp: 946471

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.6	23.7	35.5



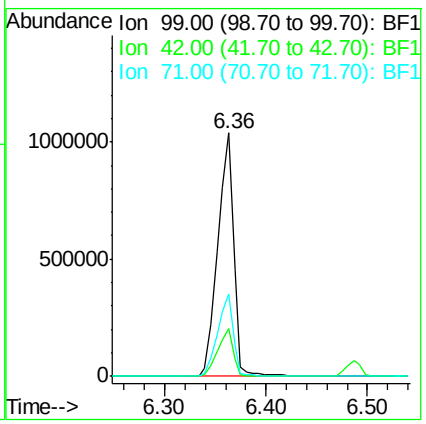


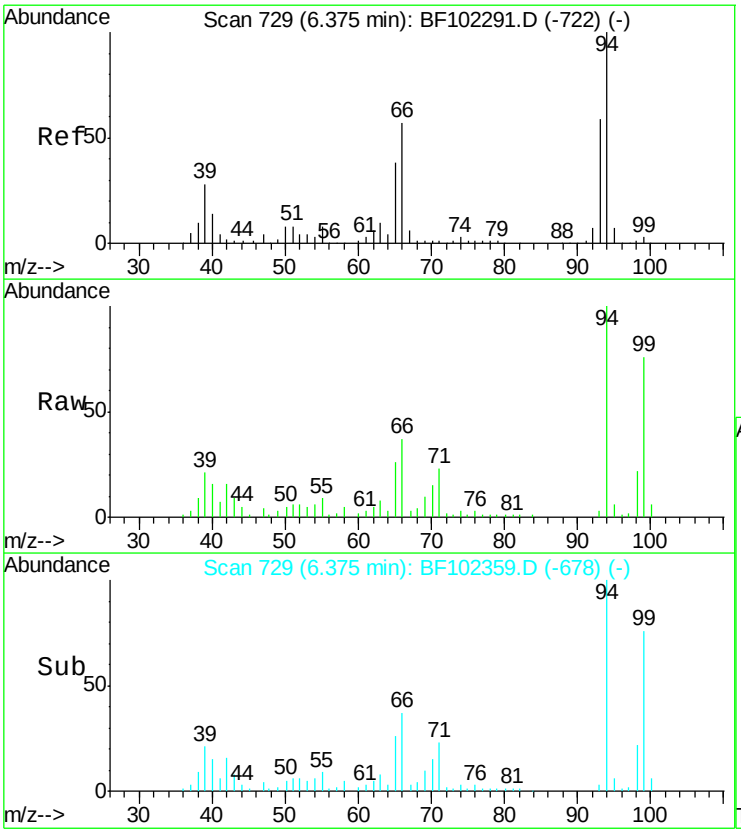
#7
Phenol-d6
Concen: 106.113 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion: 99 Resp: 1137777

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.8	25.4	38.0

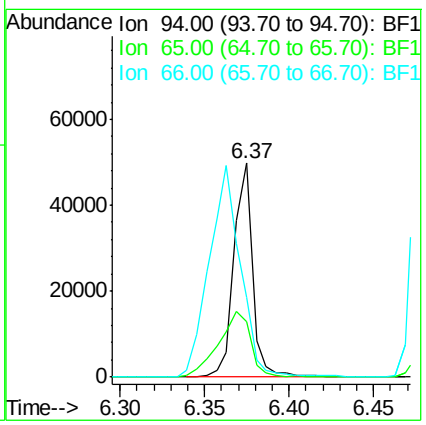


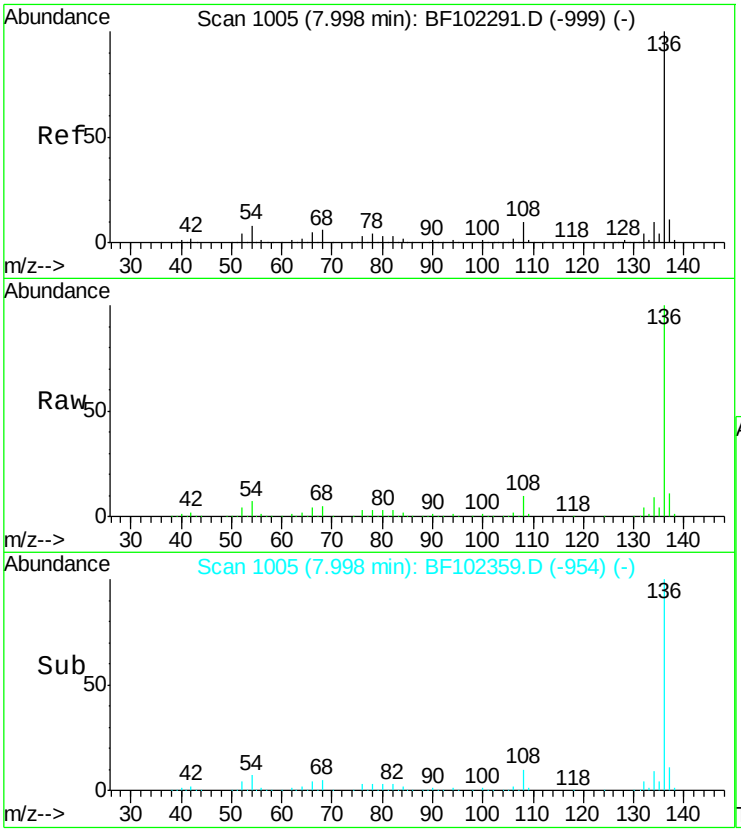


#10
Phenol
Concen: 3.273 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion: 94 Resp: 38316

Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	37.2	16.2	56.2



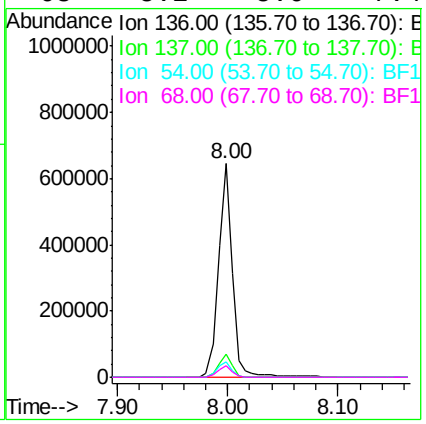


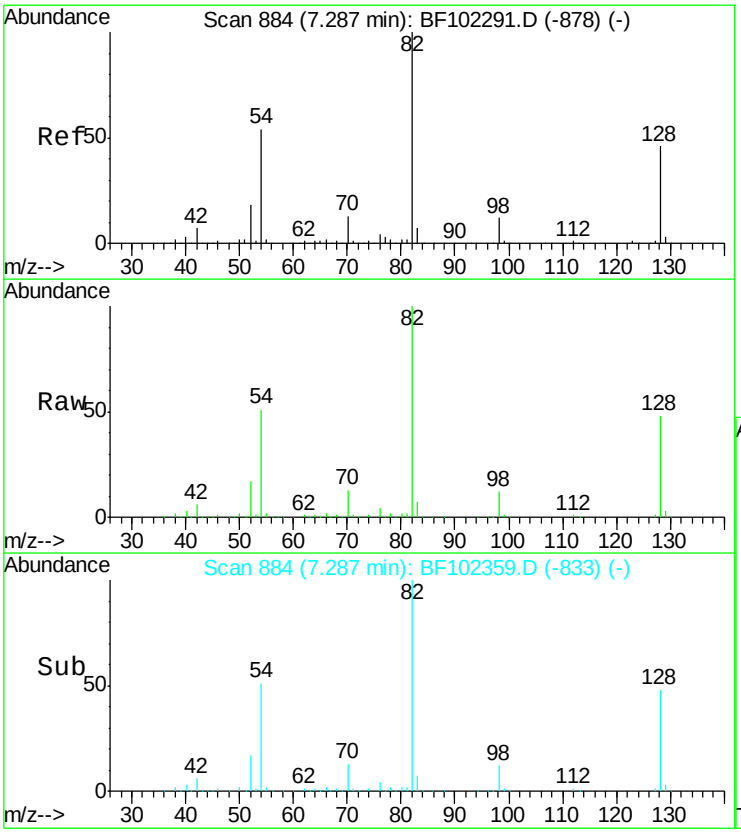
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:136 Resp: 566921

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	5.2	5.0	7.4

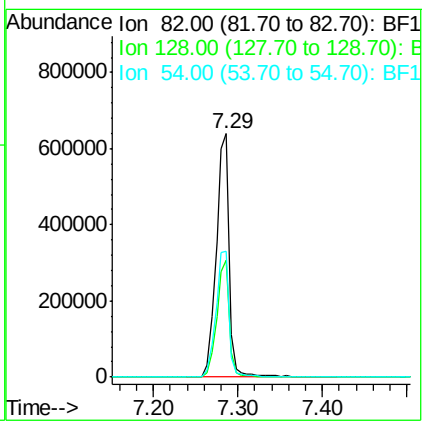


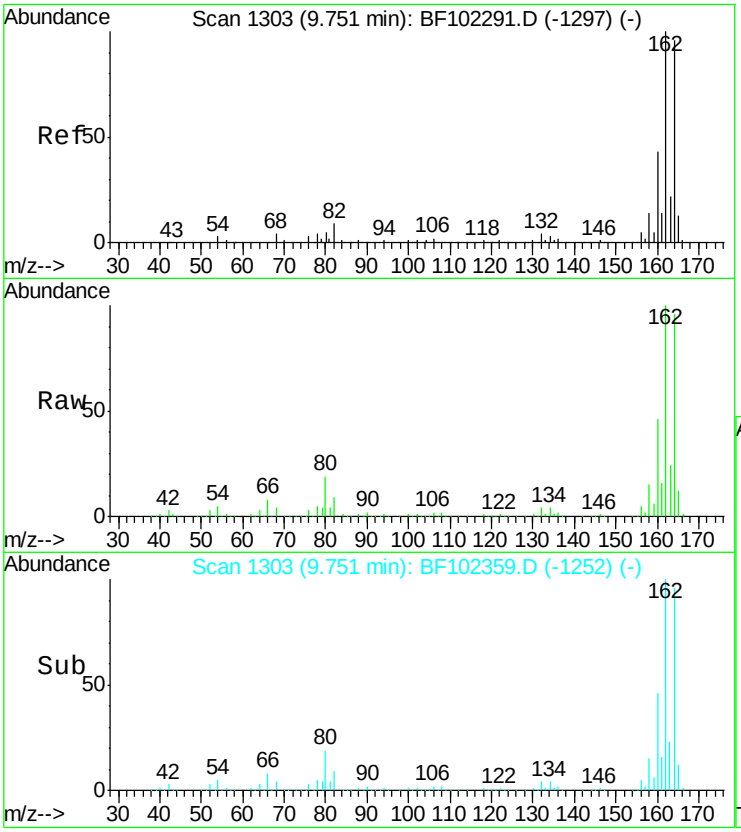


#23
Nitrobenzene-d5
Concen: 71.333 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion: 82 Resp: 703715

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.1	54.1
54	51.5	41.4	62.2



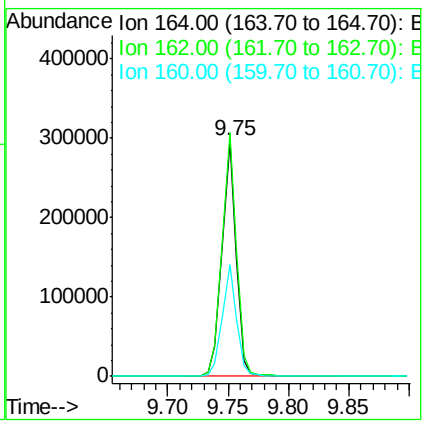


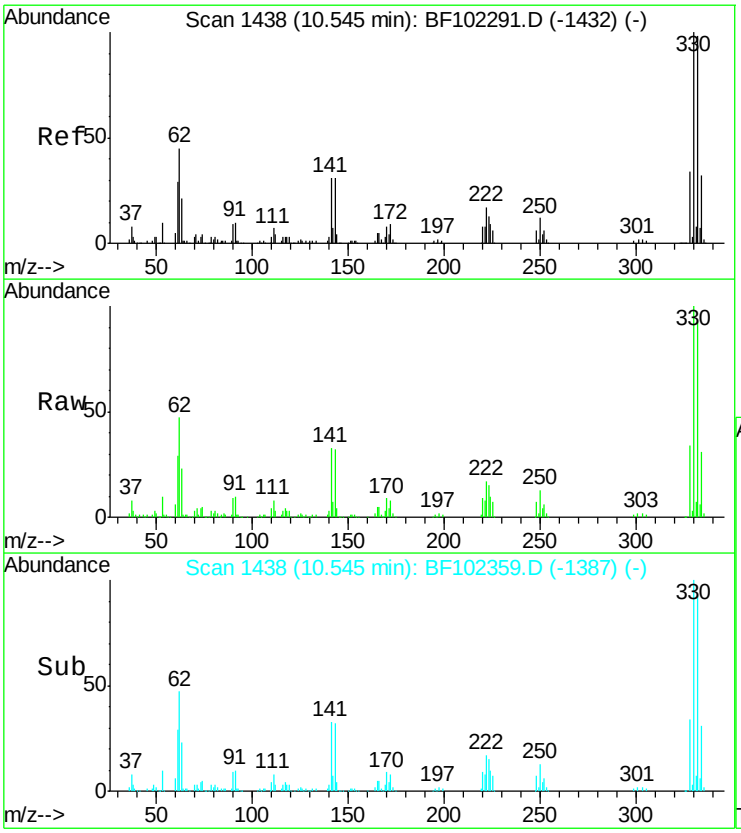
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:164 Resp: 242072

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.6	38.3	57.5

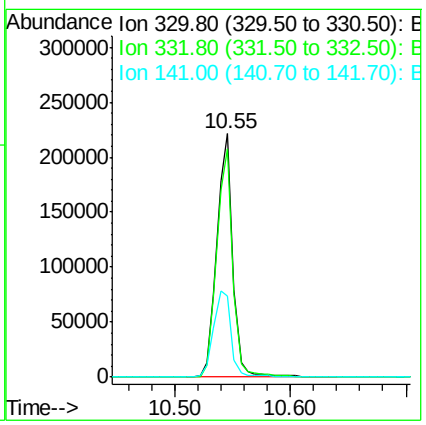


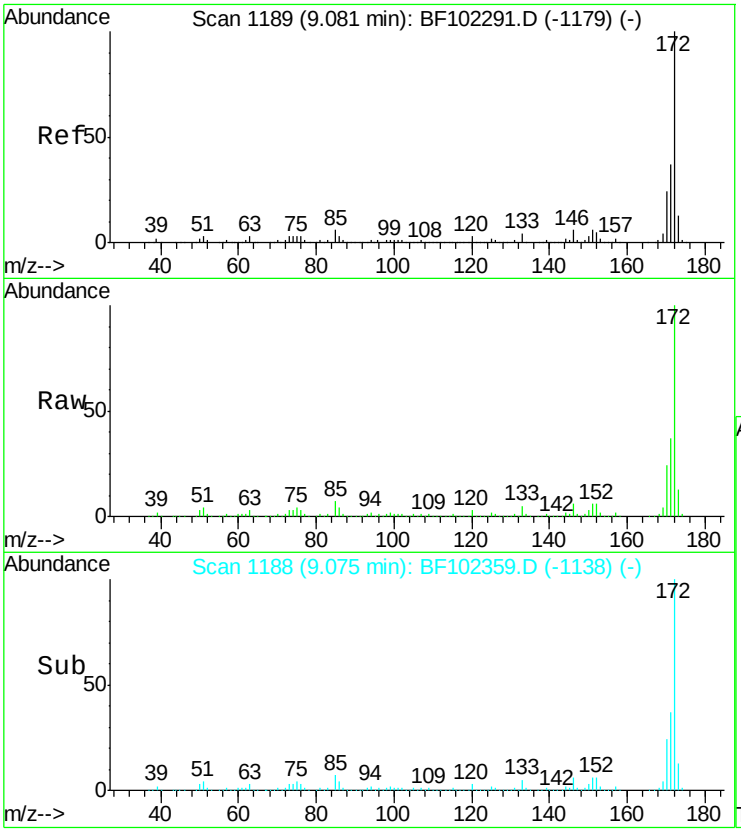


#41
2,4,6-Tribromophenol
Concen: 88.586 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:330 Resp: 212480

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	39.0	29.9	44.9



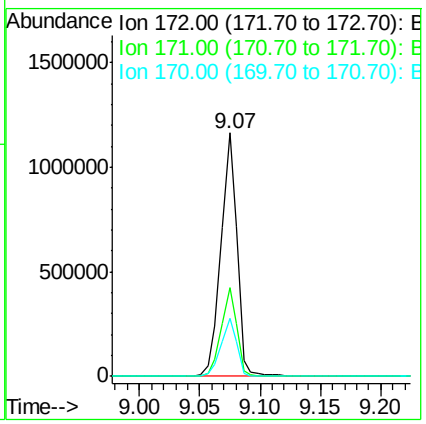


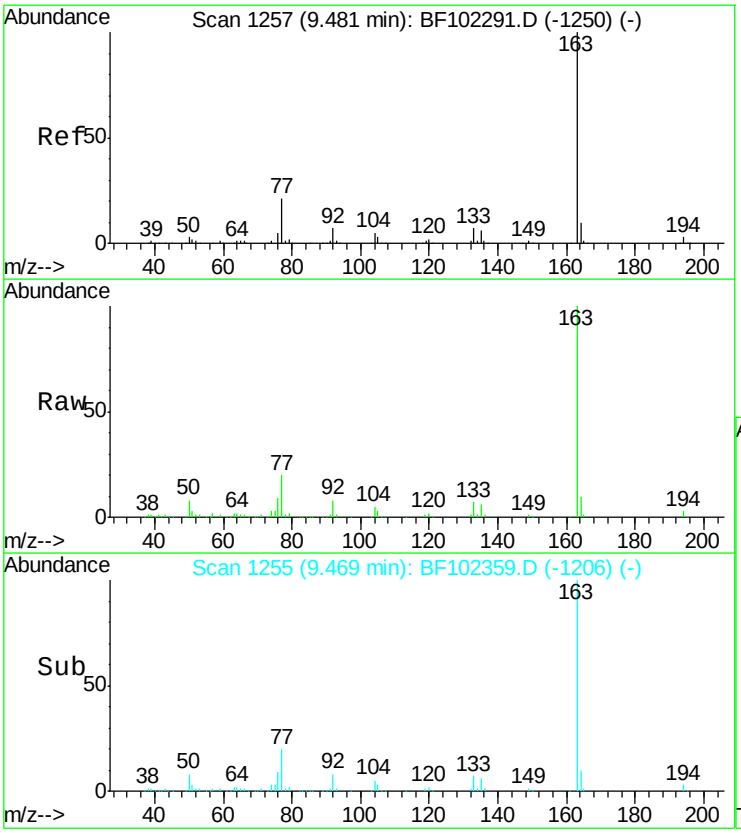
#44
2-Fluorobiphenyl
Concen: 65.367 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:172 Resp: 1076176

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

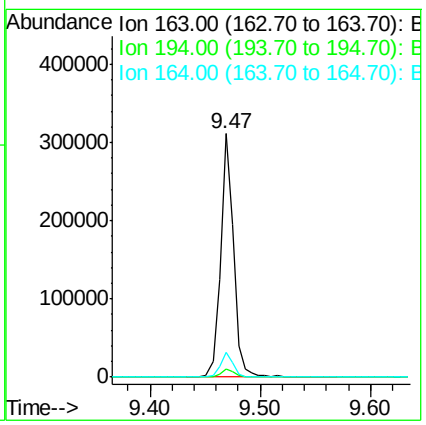


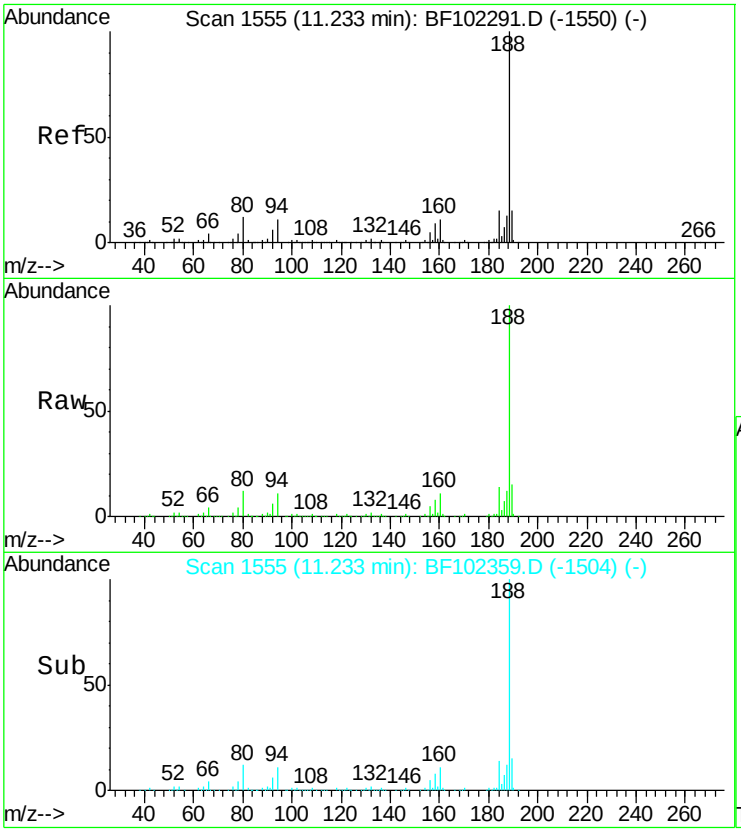


#49
Dimethylphthalate
Concen: 12.786 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:163 Resp: 255835

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



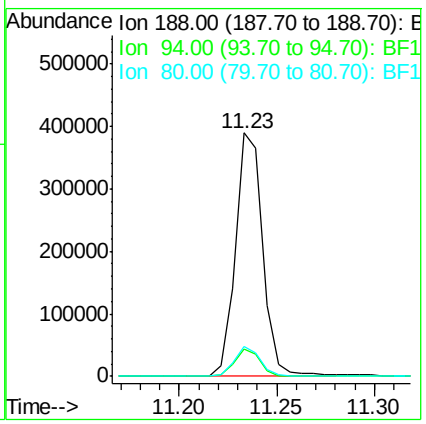


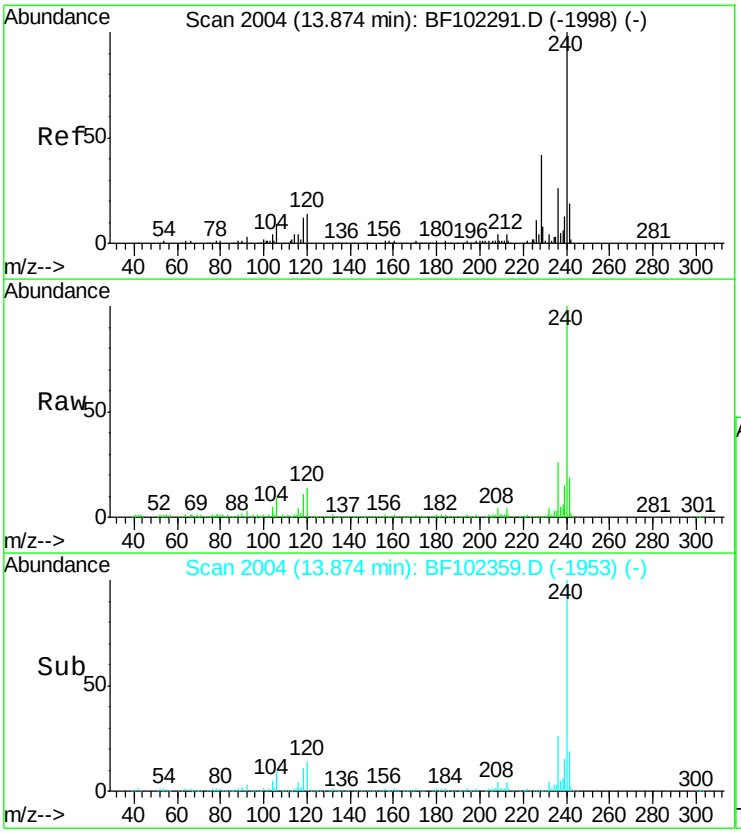
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:188 Resp: 376100

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.1	9.2	13.8

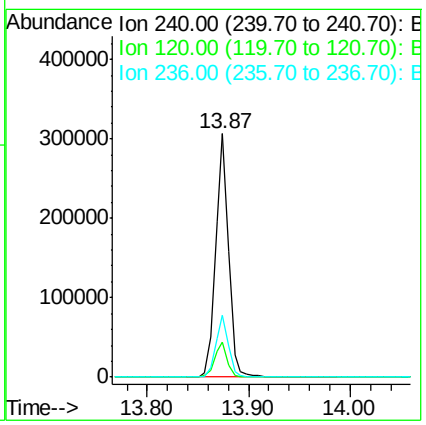


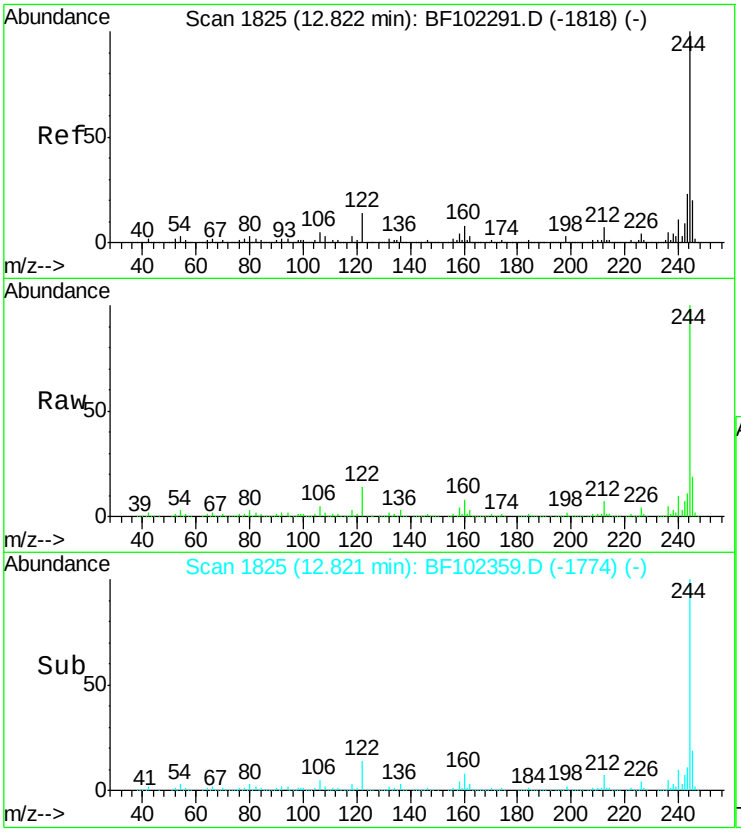


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:240 Resp: 270692

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	25.6	20.7	31.1



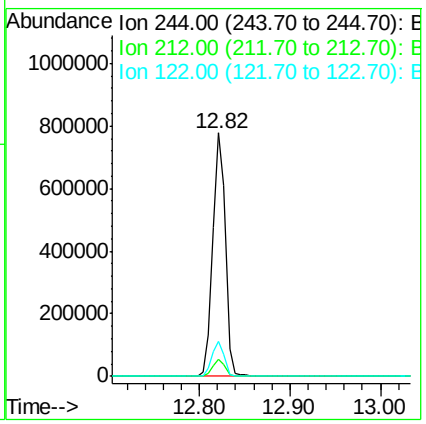


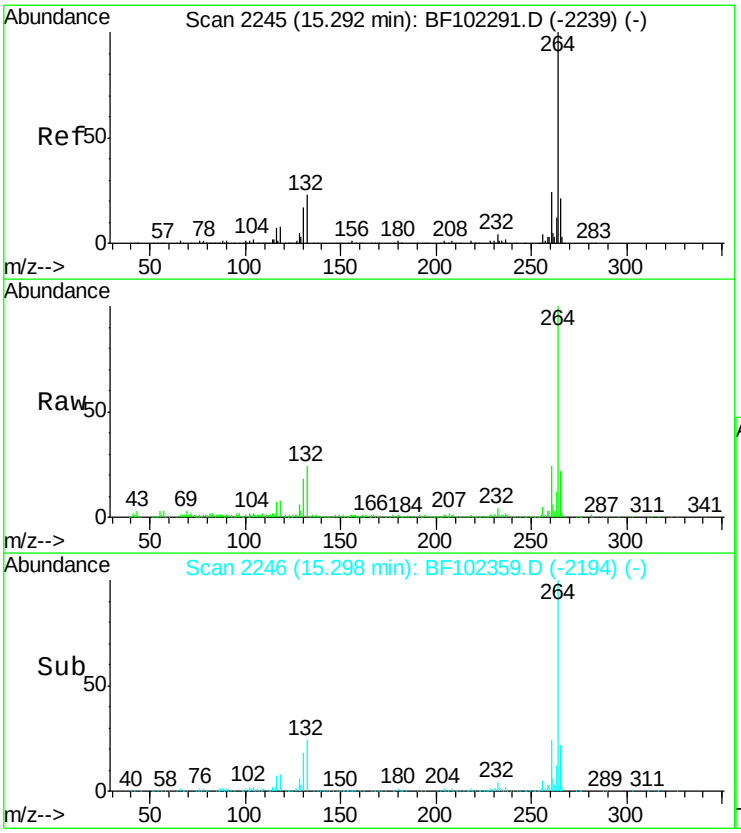
#78
Terphenyl-d14
Concen: 62.818 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Instrument :
BNA_F
ClientSampleId :
P003-S004-0001-01

Tgt Ion:244 Resp: 754290

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102359.D
Acq: 23 Jan 2018 23:06

Tgt Ion:264 Resp: 217323

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3