Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111217\
Data File : BF100481.D
Acq On : 12 Nov 2017 11:28
Operator : SJ/JU
Sample : I6402-06
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-SIDI-F-D-S

Quant Time: Nov 13 06:24:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136719	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	505361	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	210237	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	328526	20.00	ng	0.00
75) Chrysene-d12	14.06	240	284257	20.00	ng	0.00
86) Perylene-d12	15.54	264	200931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	412789	48.40	ng	0.00
7) Phenol-d6	6.52	99	321002	30.52	ng	-0.01
23) Nitrobenzene-d5	7.47	82	915876	119.82	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	184154	85.96	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1513645	109.63	ng	0.00
78) Terphenyl-d14	13.01	244	1081722	87.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	31510	2.854	ng	99
49) Dimethylphthalate	9.65	163	66323	4.132	ng	99

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

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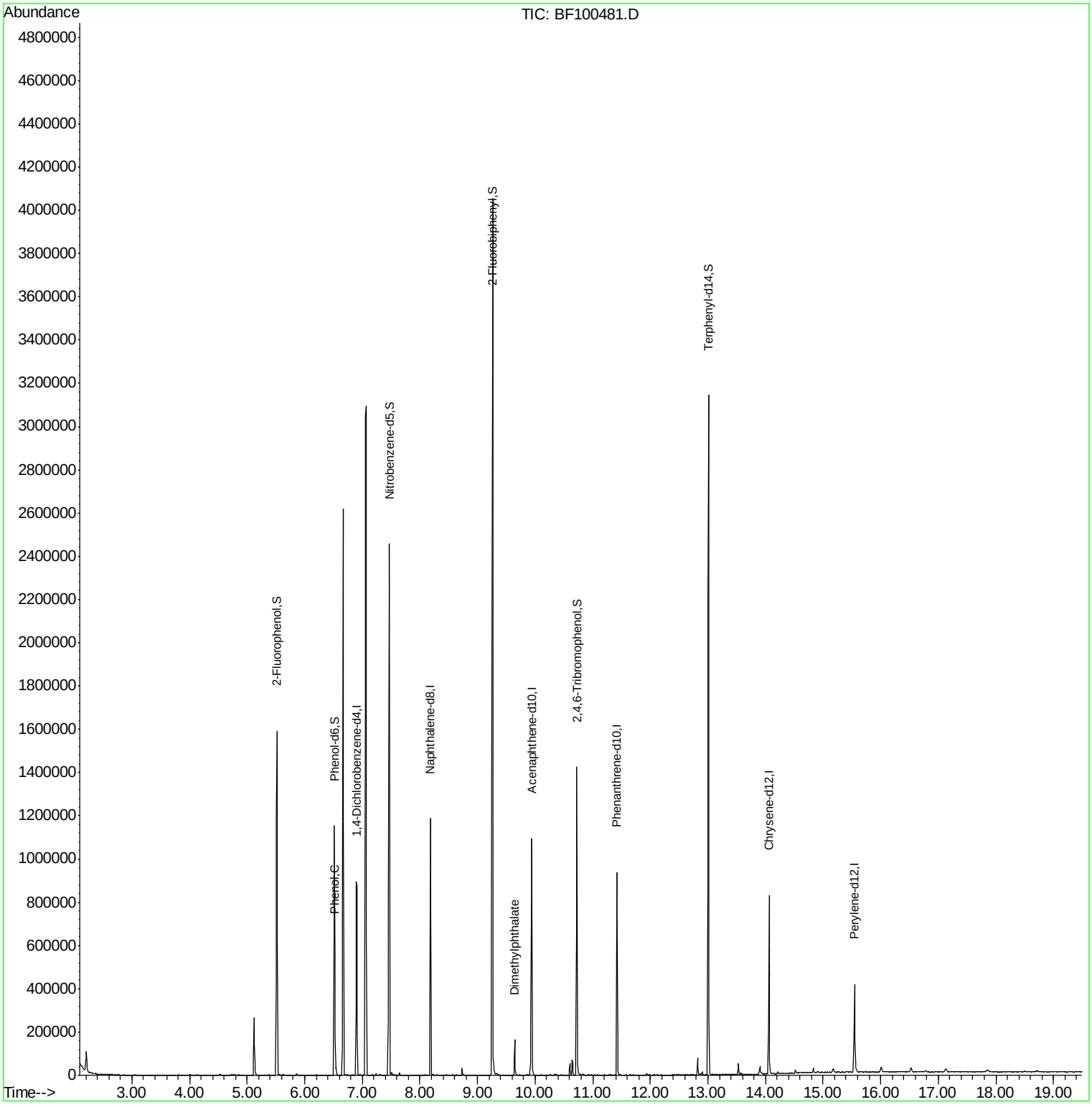
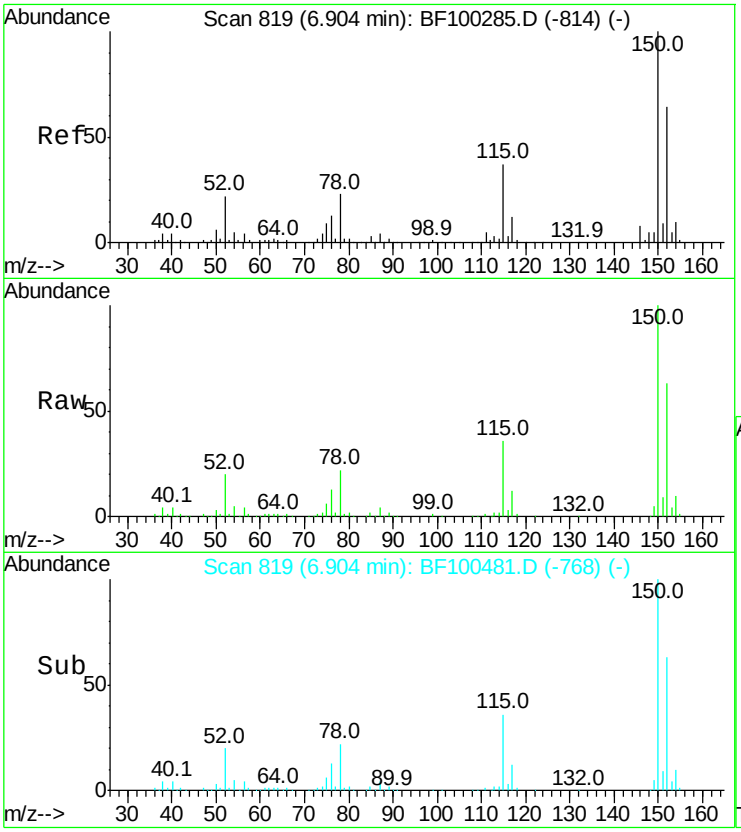


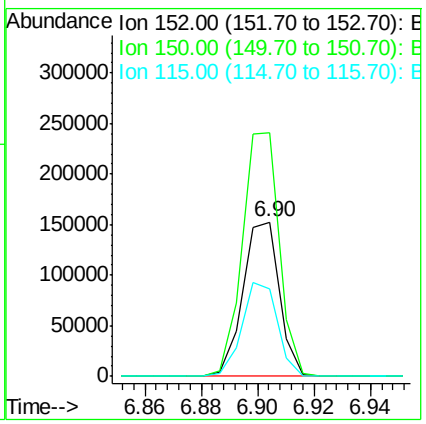


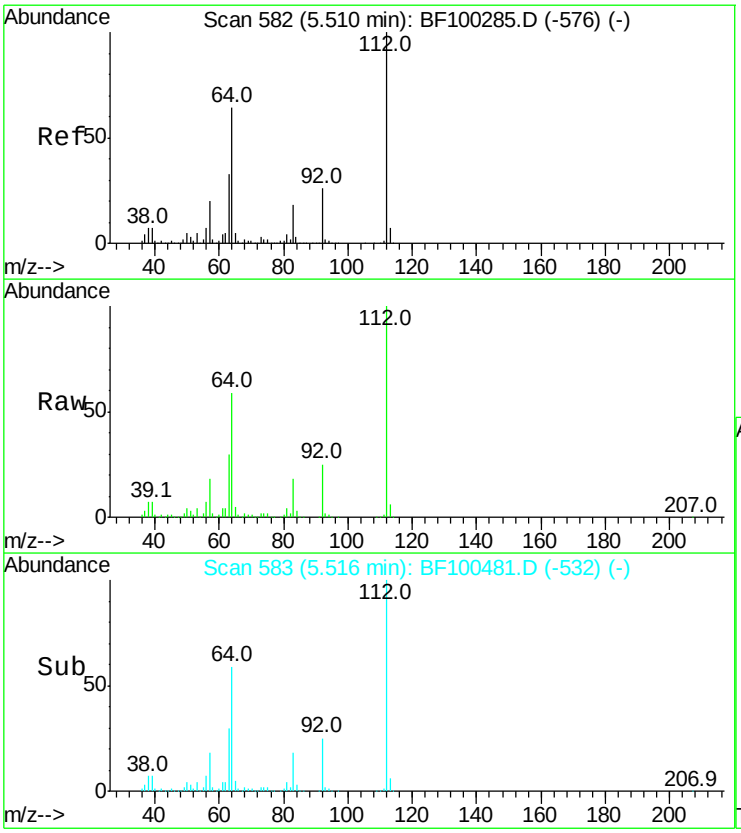
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:152 Resp: 136719

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	56.6	50.1	75.1

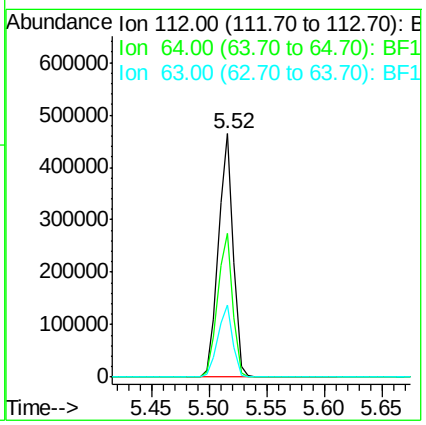


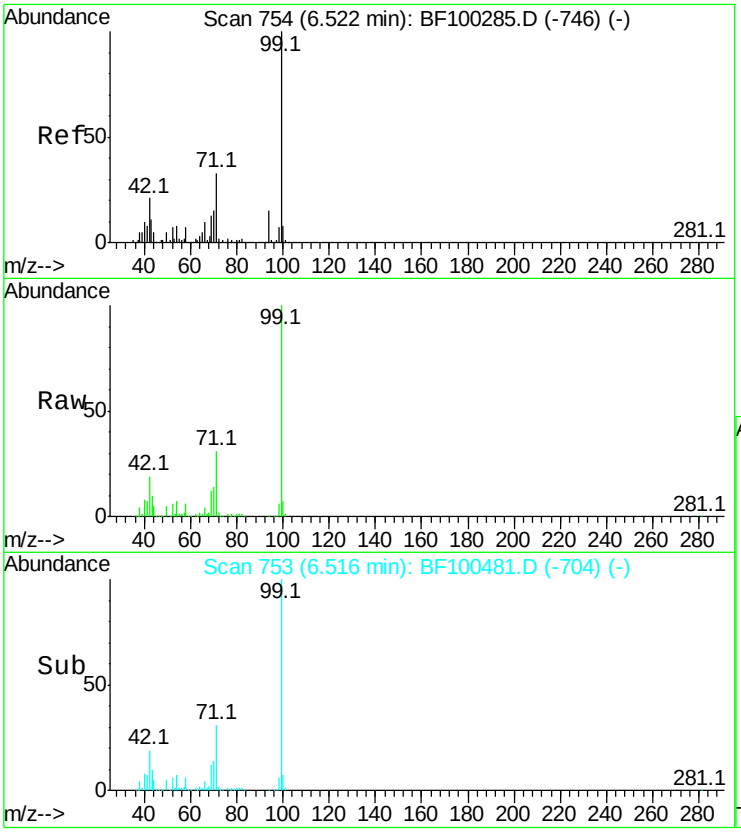


#5
2-Fluorophenol
Concen: 48.398 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:112 Resp: 412789

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.7	23.7	35.5



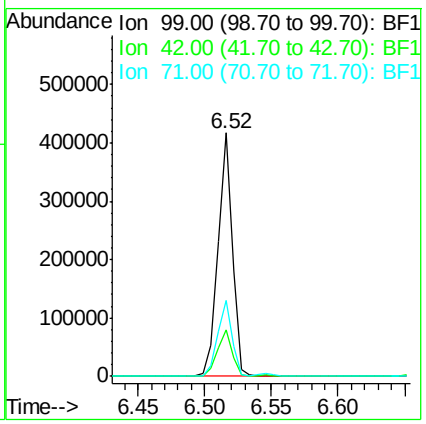


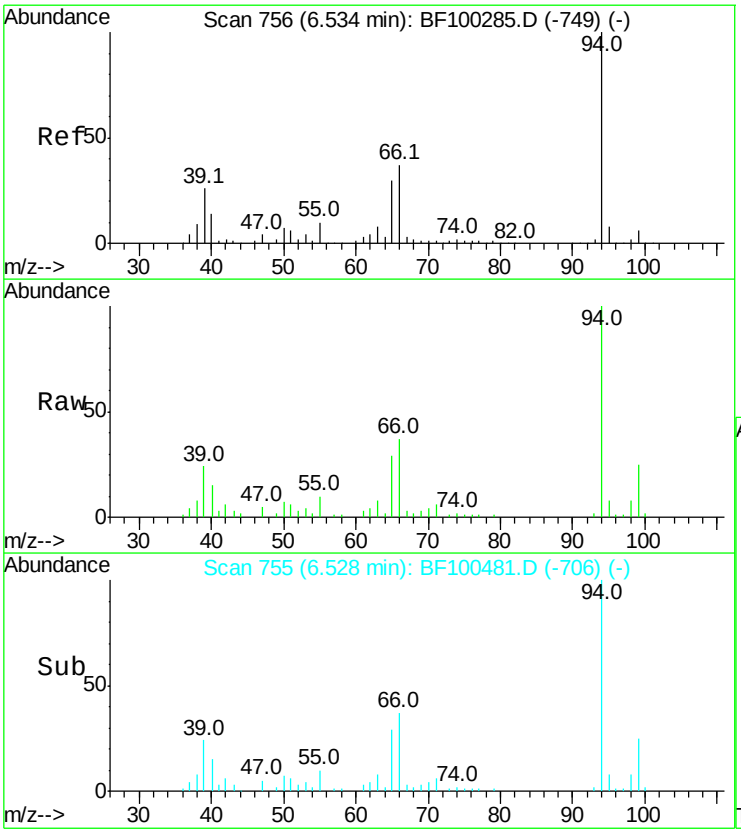
#7
Phenol-d6
Concen: 30.521 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion: 99 Resp: 321002

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	31.1	25.4	38.0

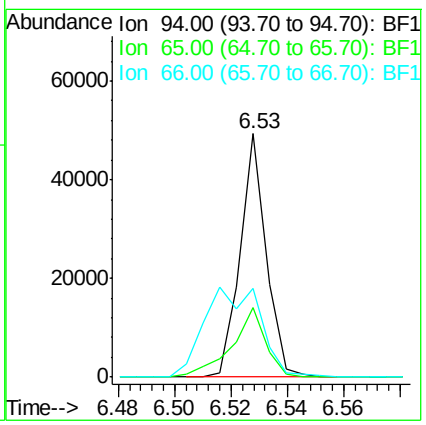


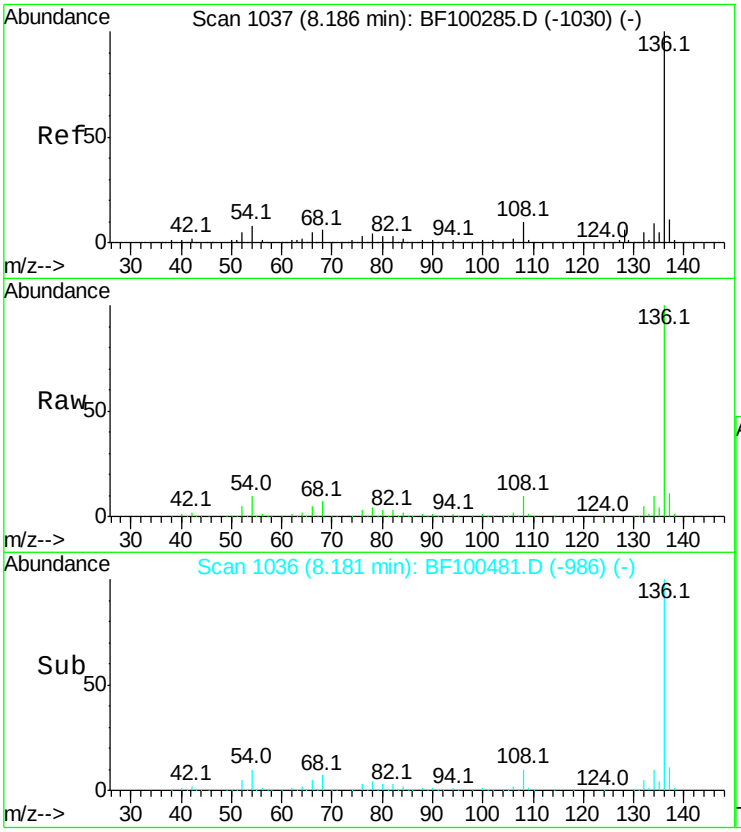


#10
Phenol
Concen: 2.854 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion: 94 Resp: 31510

Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	36.7	16.2	56.2



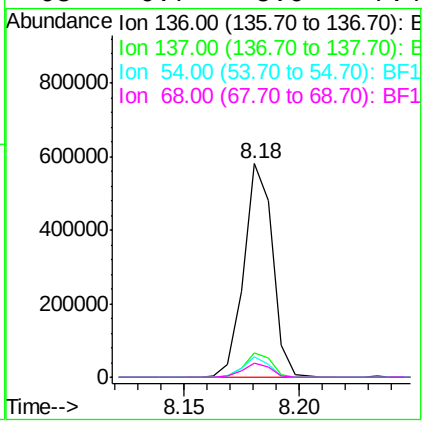


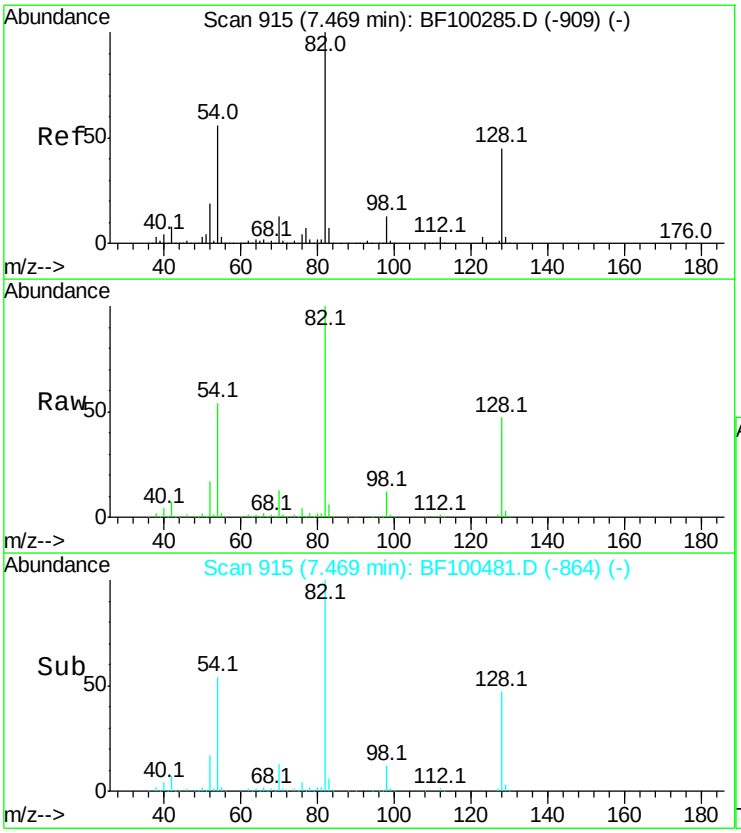
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:136 Resp: 505361

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.6	6.6	9.8
68	6.7	5.0	7.4

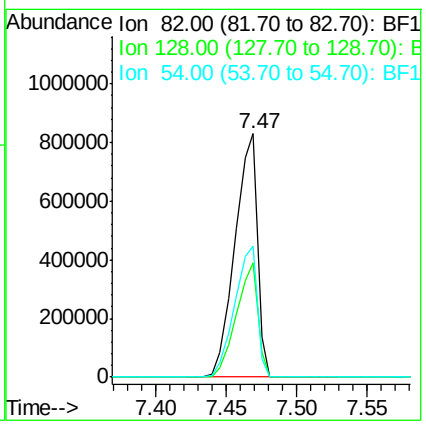


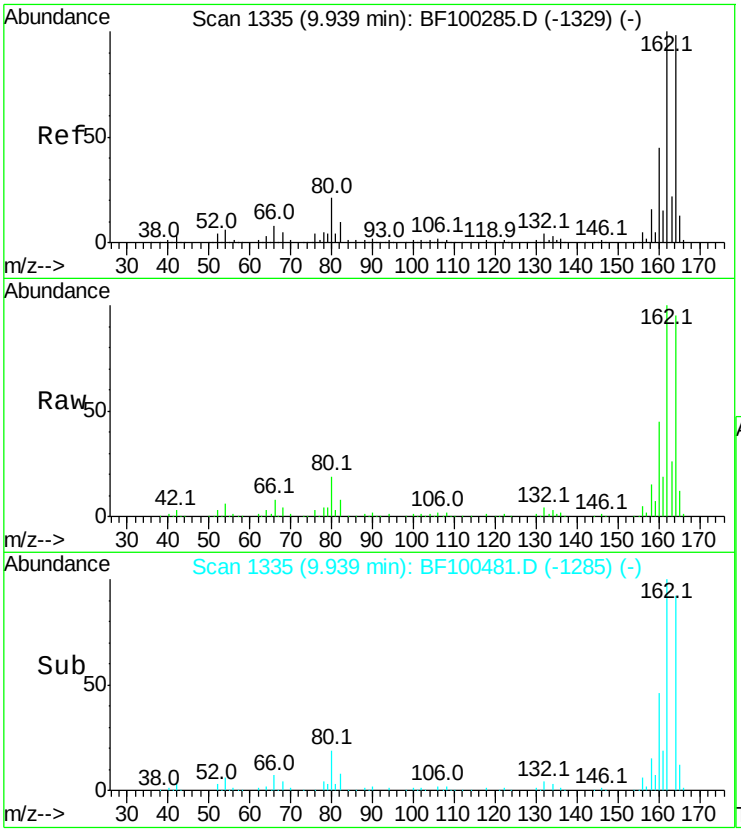


#23
Nitrobenzene-d5
Concen: 119.819 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion: 82 Resp: 915876

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	53.6	41.4	62.2



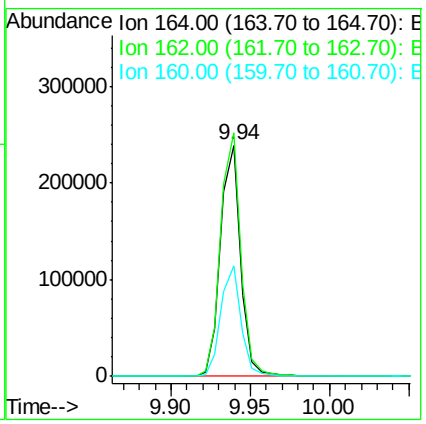


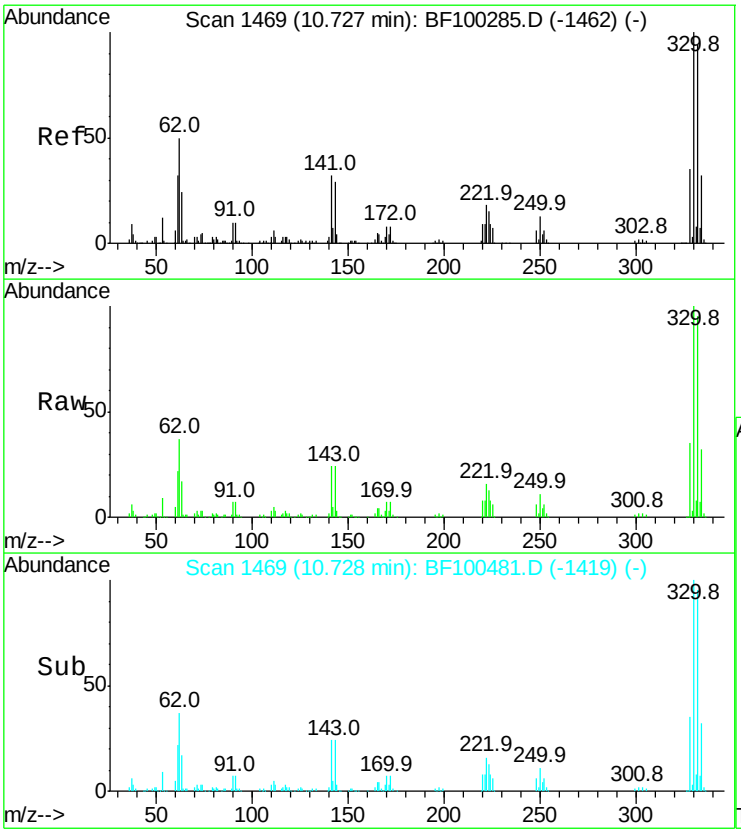
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:164 Resp: 210237

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	48.0	38.3	57.5

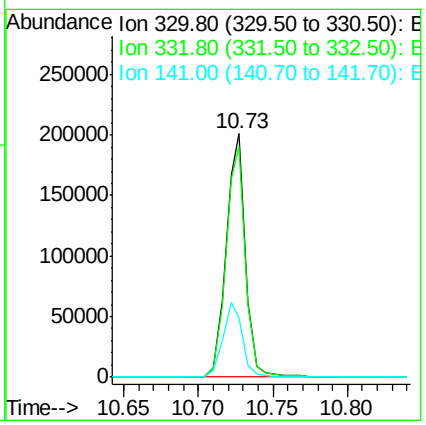


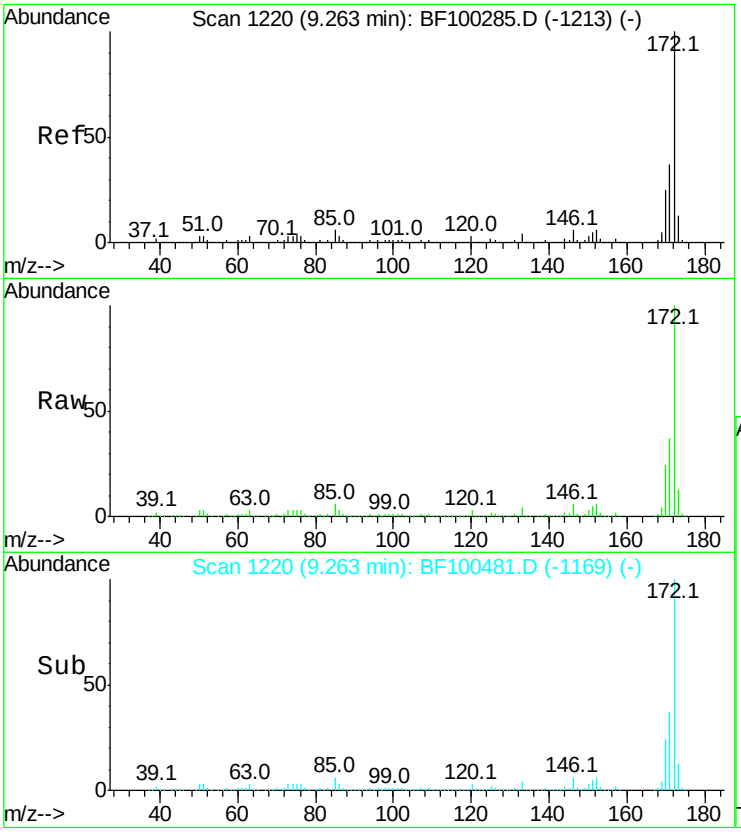


#41
2,4,6-Tribromophenol
Concen: 85.960 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:330 Resp: 184154

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.0	29.9	44.9



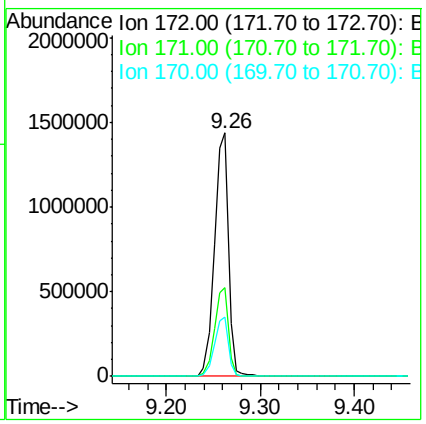


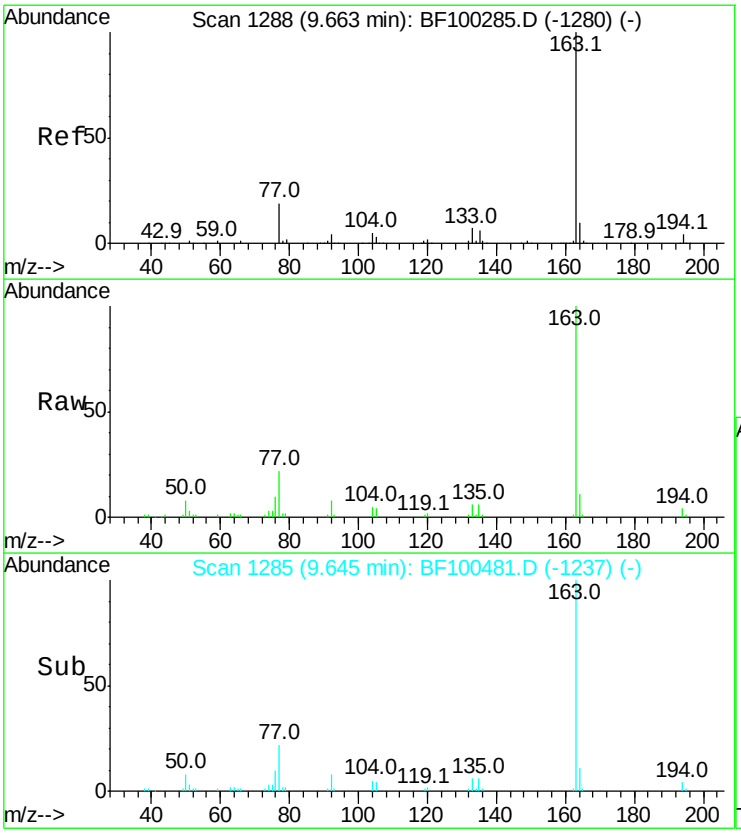
#44
2-Fluorobiphenyl
Concen: 109.631 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:172 Resp: 1513645

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

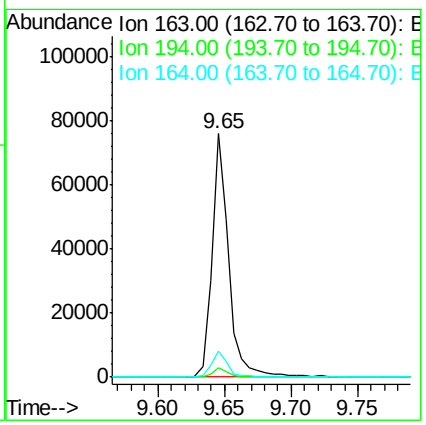


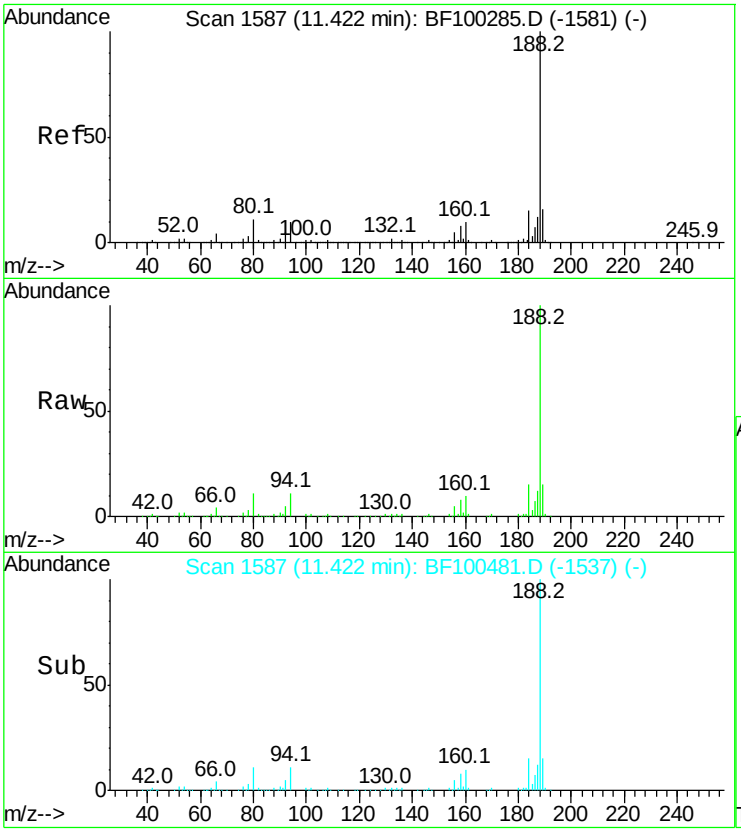


#49
Dimethylphthalate
Concen: 4.132 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:163 Resp: 66323

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.7	8.2	12.2



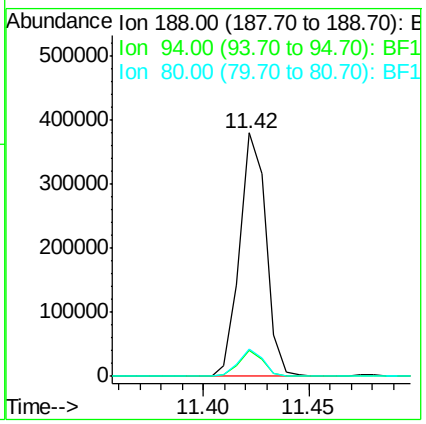


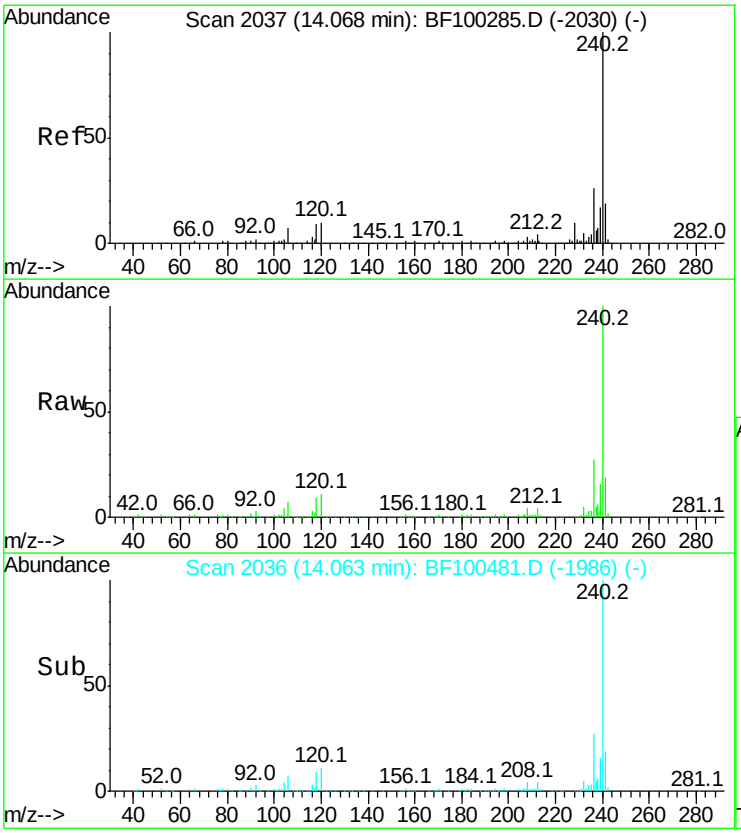
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:188 Resp: 328526

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	9.2	13.8

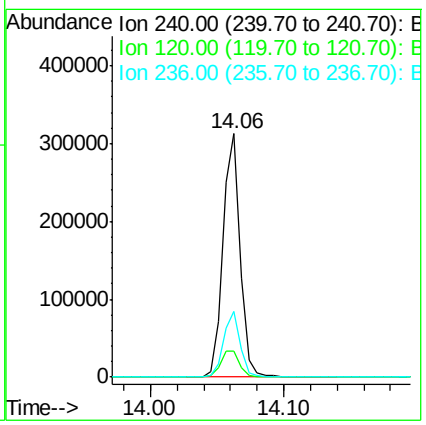


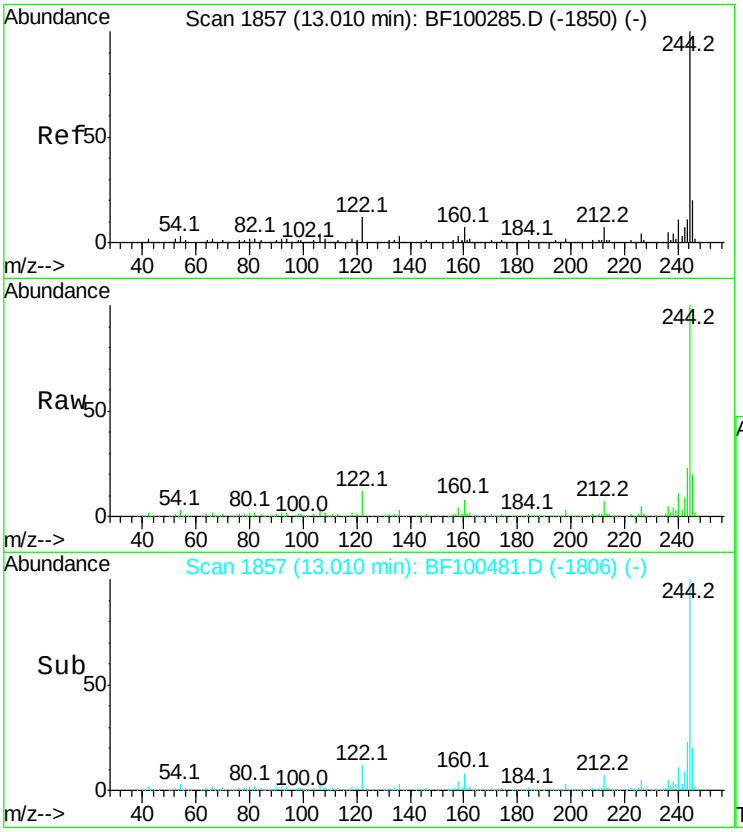


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:240 Resp: 284257

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.9	20.7	31.1



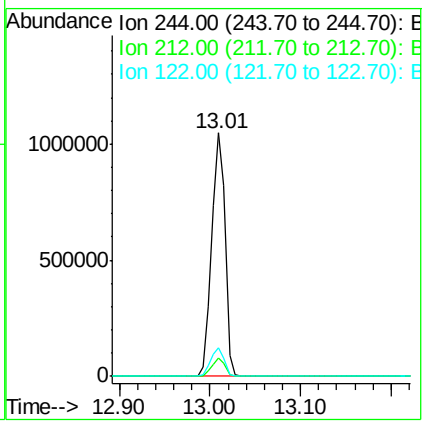


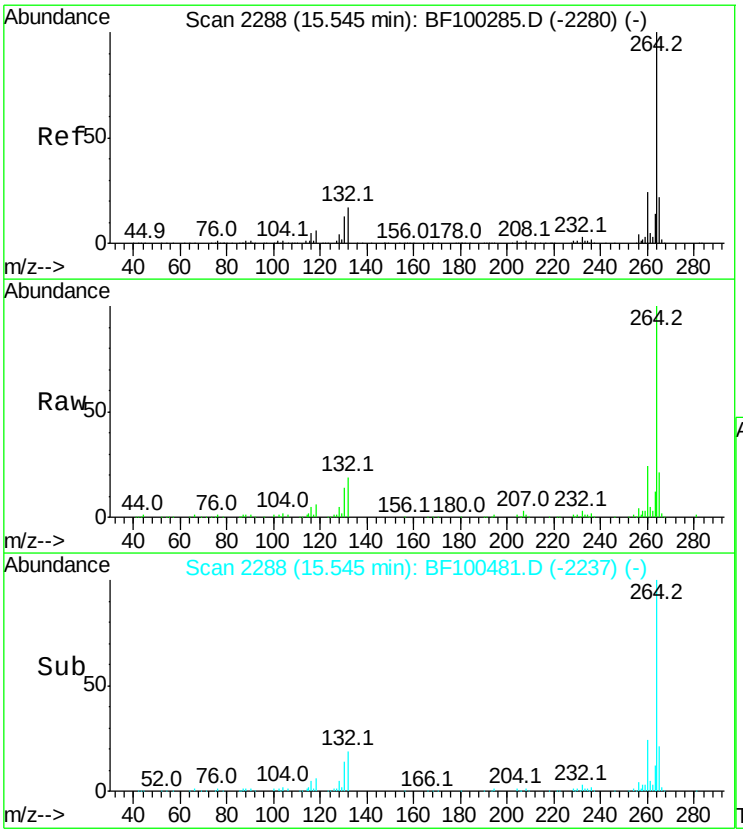
#78
Terphenyl-d14
Concen: 87.438 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Instrument :
BNA_F
ClientSampleId :
110717-SIDI-F-D-S

Tgt Ion:244 Resp: 1081722

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100481.D
Acq: 12 Nov 2017 11:28

Tgt Ion:264 Resp: 200931

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	17.5	26.3