Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-FS-1

Quant Time: Nov 06 01:42:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90377	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	372336	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174726	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313143	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	193195	20.00	ng	-0.01
86) Perylene-d12	15.40	264	163713	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	709918	123.32	ng	0.00
7) Phenol-d6	6.42	99	860962	126.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	467621	80.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	188547	118.41	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	765560	67.60	ng	-0.01
78) Terphenyl-d14	12.87	244	604299	68.36	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	106900	7.726	ng	99
59) Diethylphthalate	10.21	149	28096	2.079	ng	97

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

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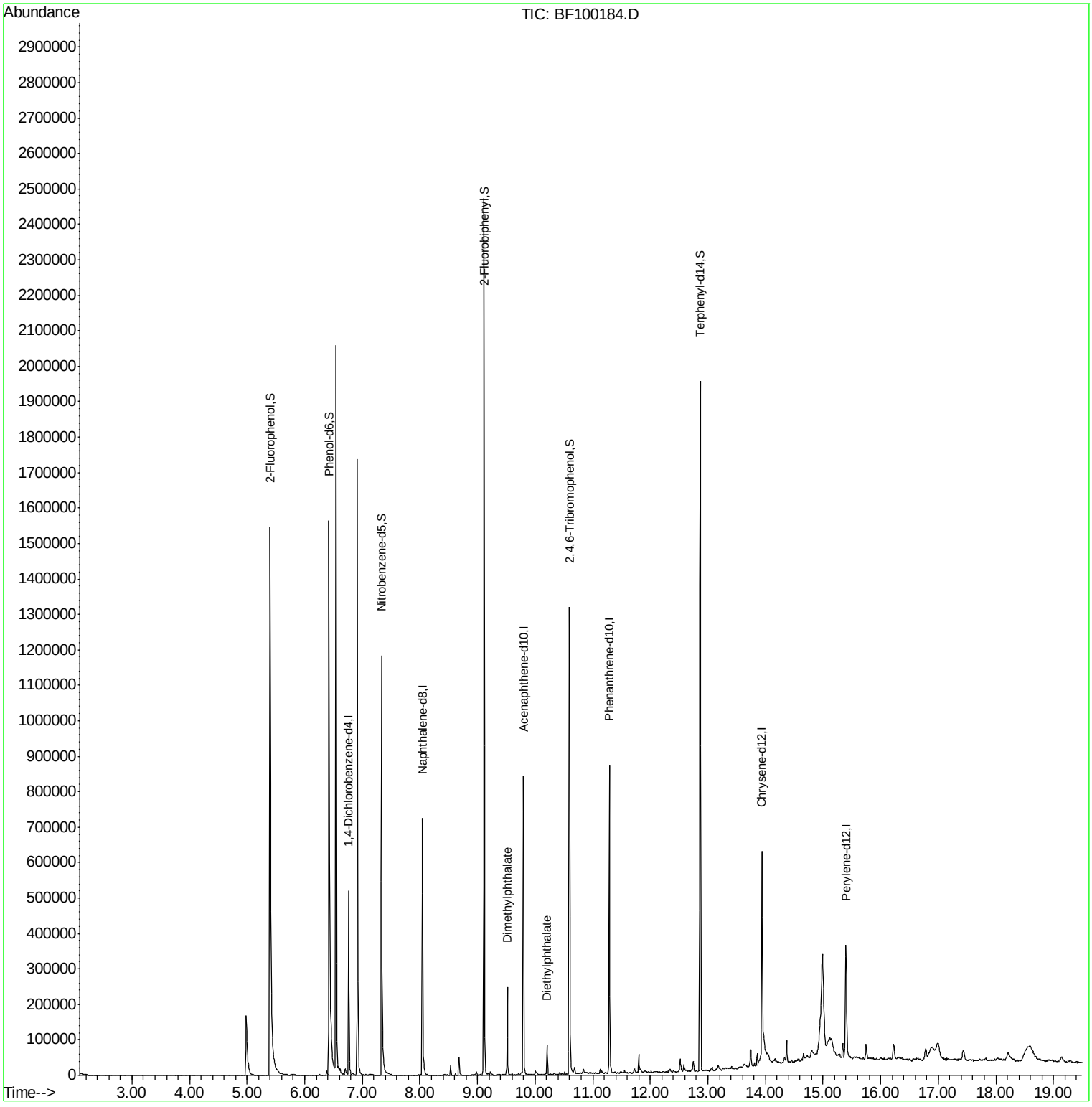
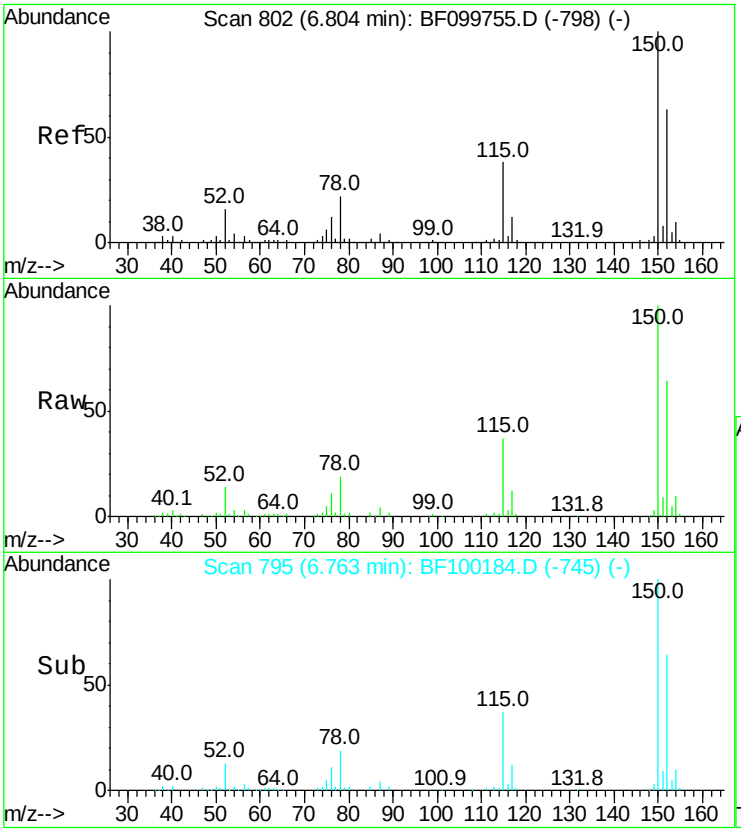


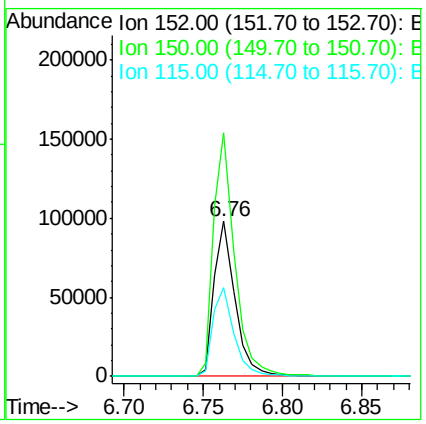


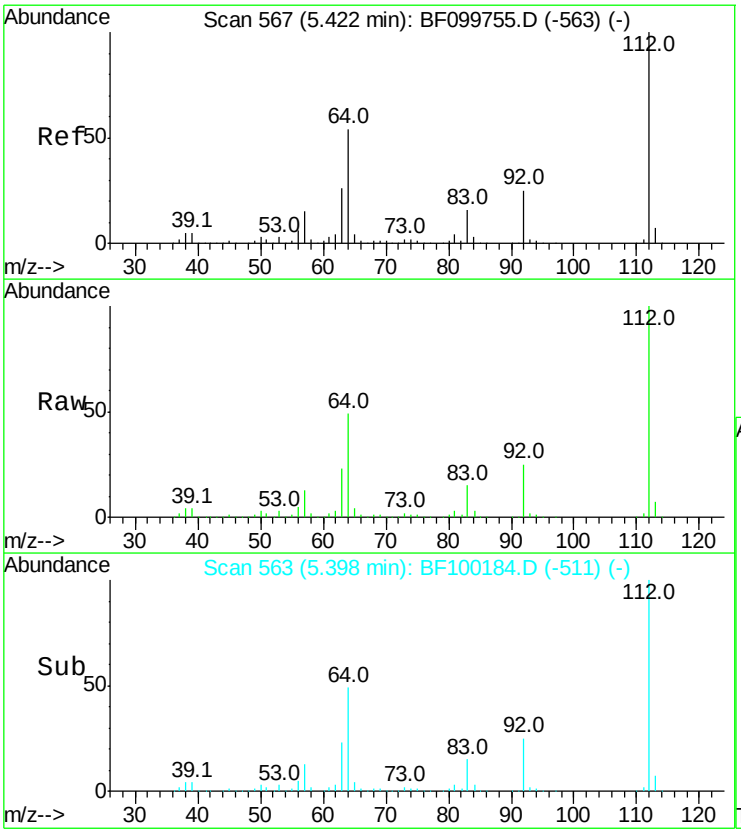
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion:152 Resp: 90377

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	57.3	50.1	75.1

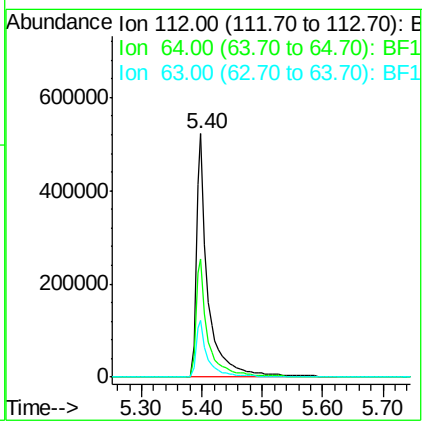


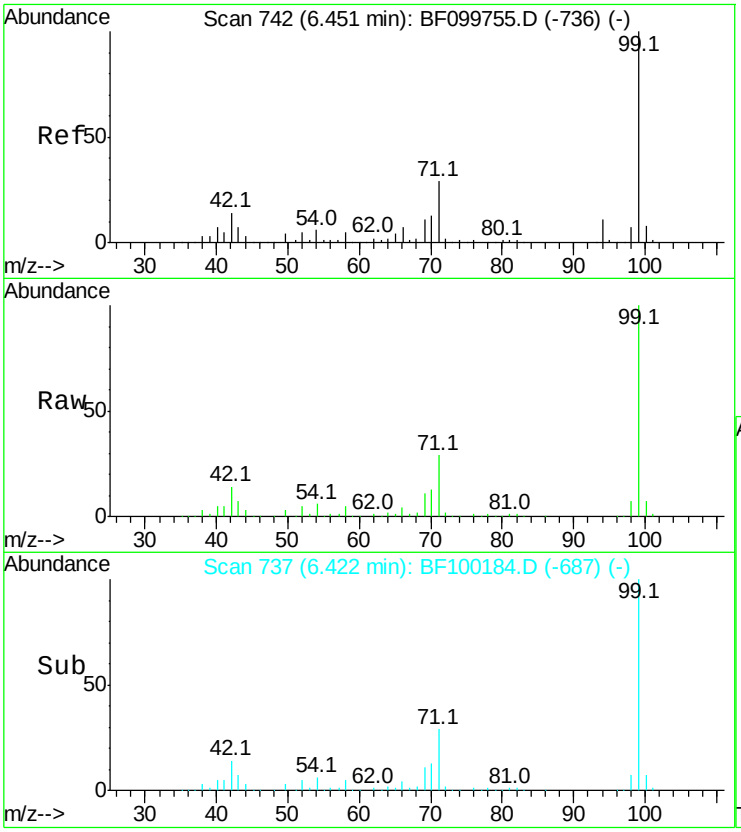


#5
2-Fluorophenol
Concen: 123.322 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:112 Resp: 709918

Ion	Ratio	Lower	Upper
112	100		
64	48.6	47.9	71.9
63	23.4	23.7	35.5#



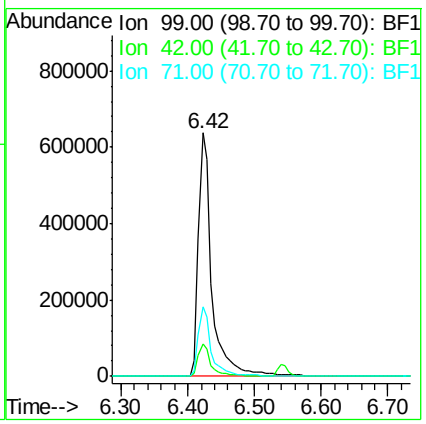


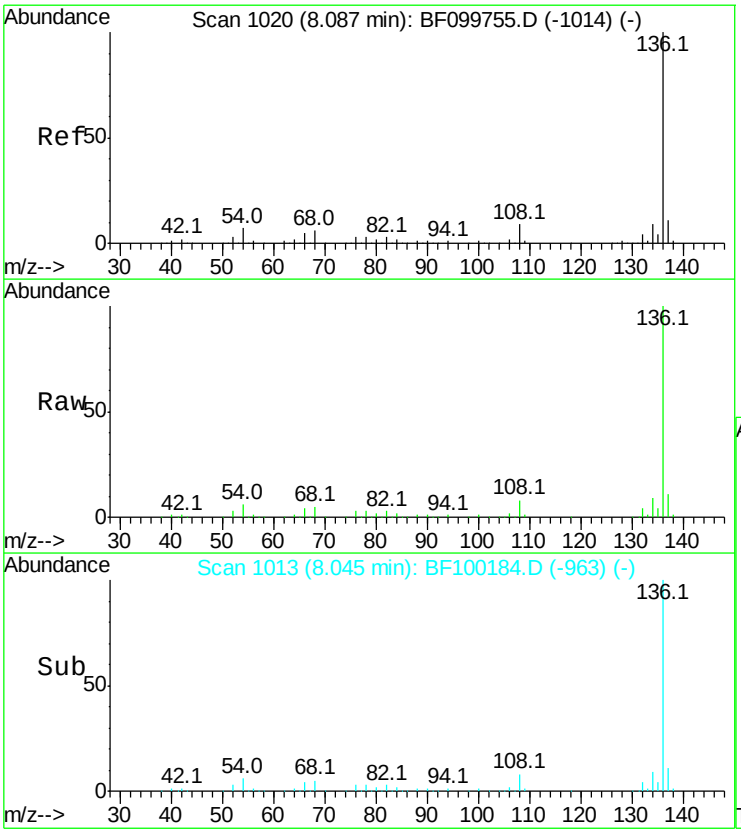
#7
Phenol-d6
Concen: 126.135 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion: 99 Resp: 860962

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	28.8	25.4	38.0

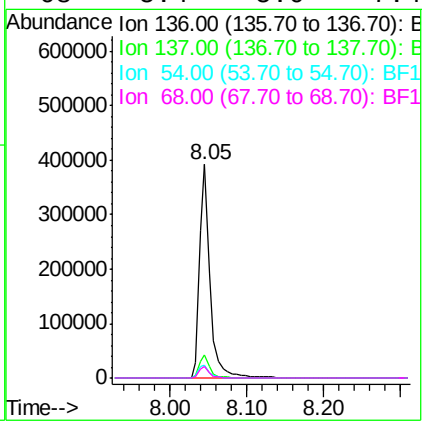


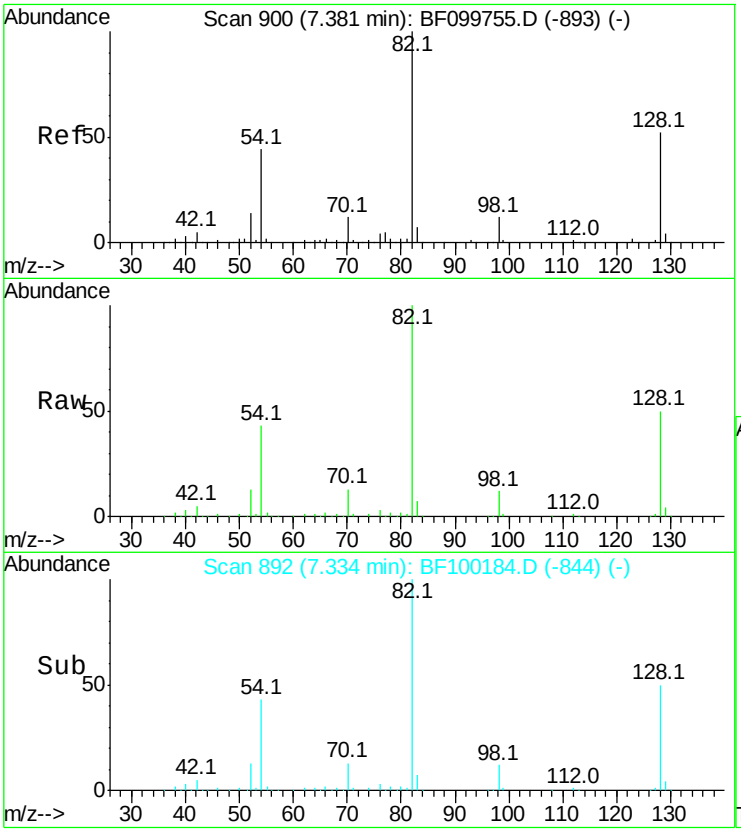


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:136 Resp: 372336

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.4	5.0	7.4



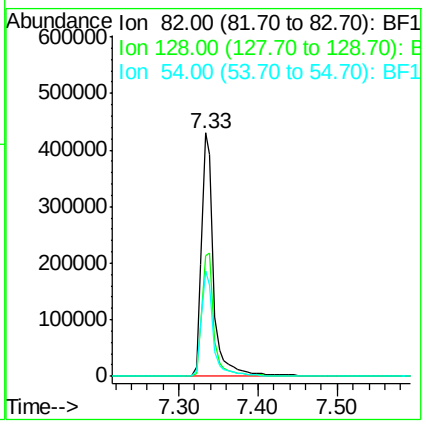


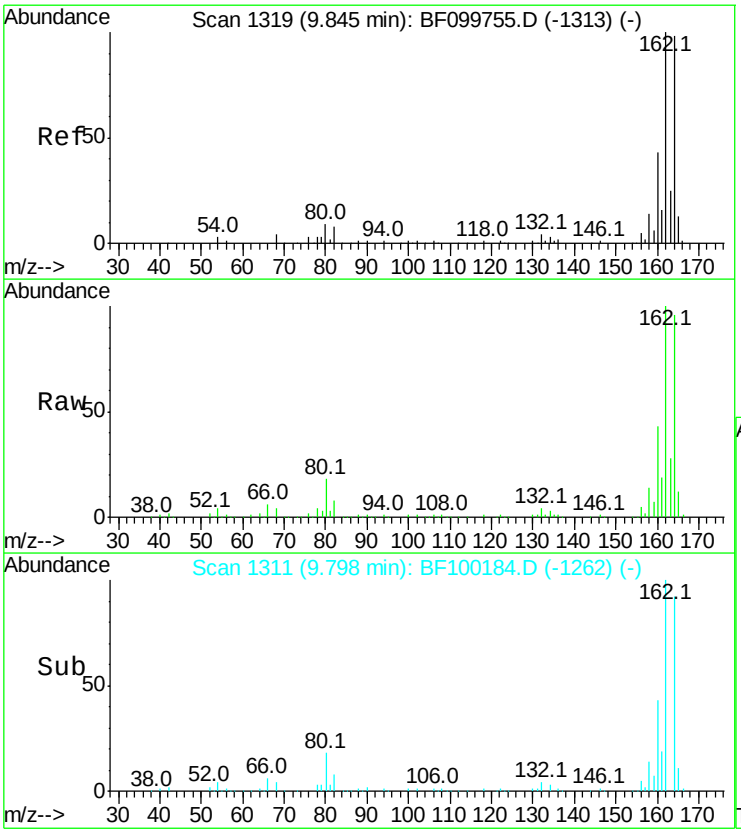
#23
Nitrobenzene-d5
Concen: 80.856 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion: 82 Resp: 467621

Ion	Ratio	Lower	Upper
82	100		
128	49.6	36.1	54.1
54	43.2	41.4	62.2

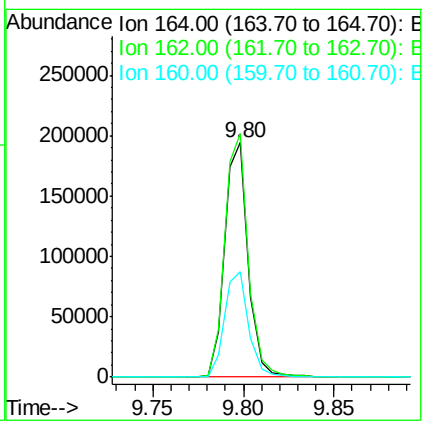


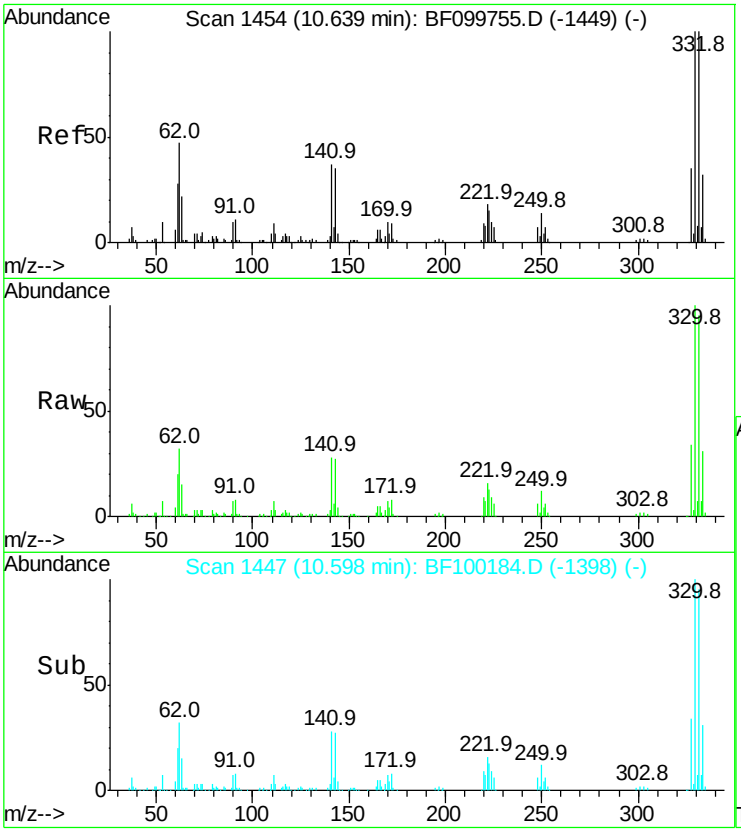


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:164 Resp: 174726

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	44.8	38.3	57.5



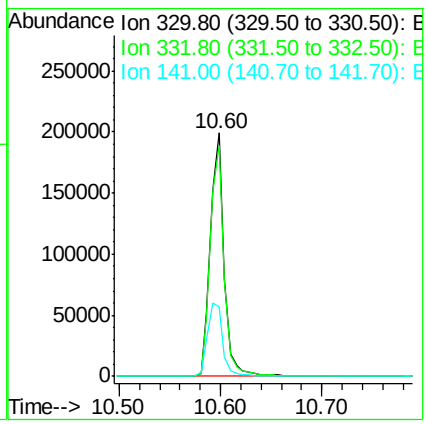


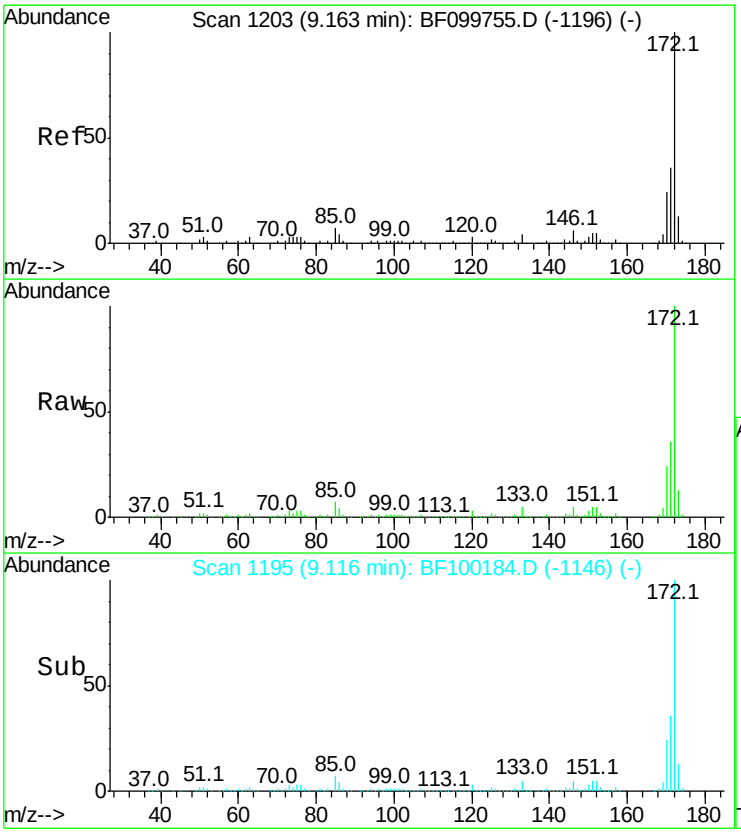
#41
2,4,6-Tribromophenol
Concen: 118.411 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion:330 Resp: 188547

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	33.4	29.9	44.9

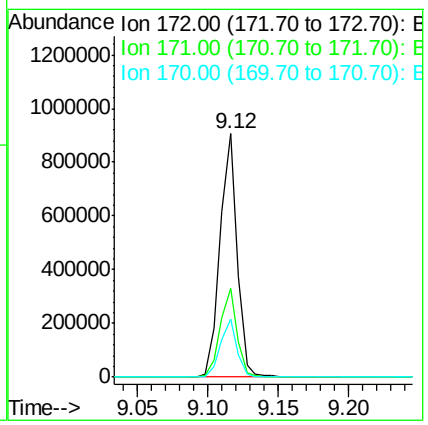


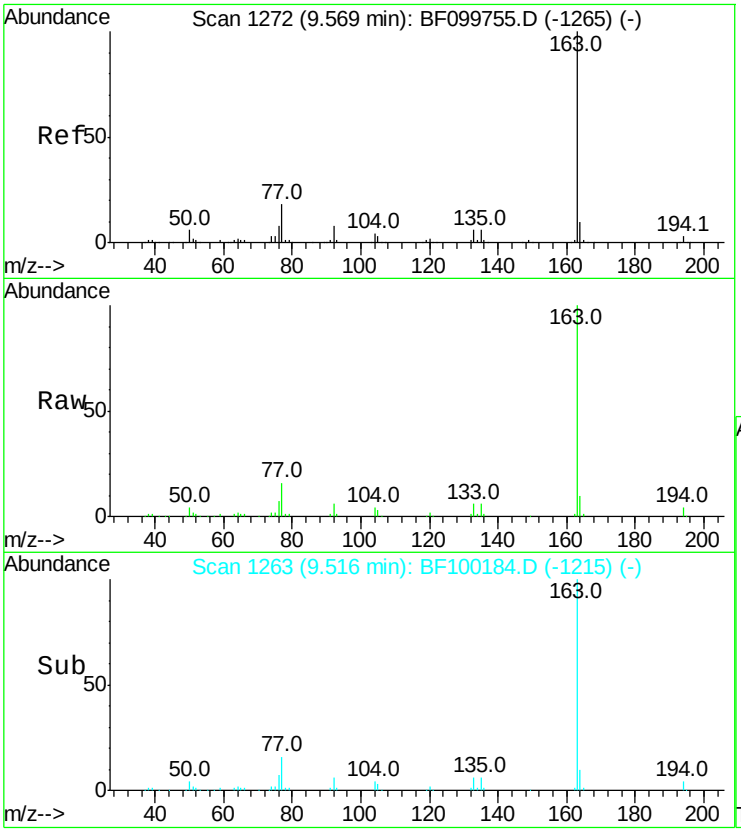


#44
2-Fluorobiphenyl
Concen: 67.599 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:172 Resp: 765560

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



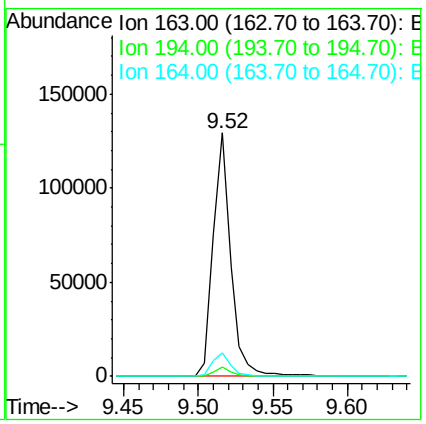


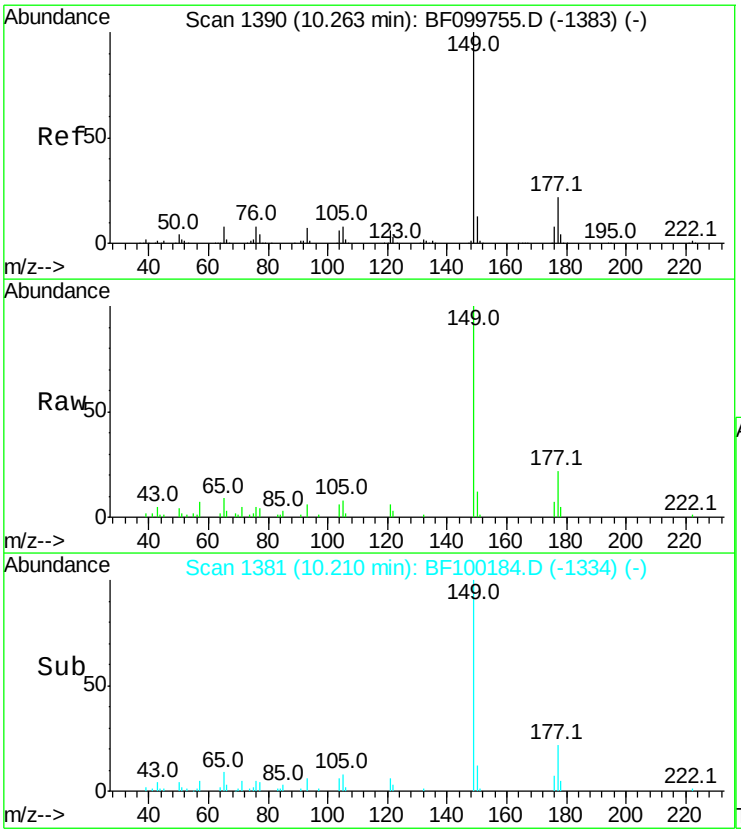
#49
Dimethylphthalate
Concen: 7.726 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion:163 Resp: 106900

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2

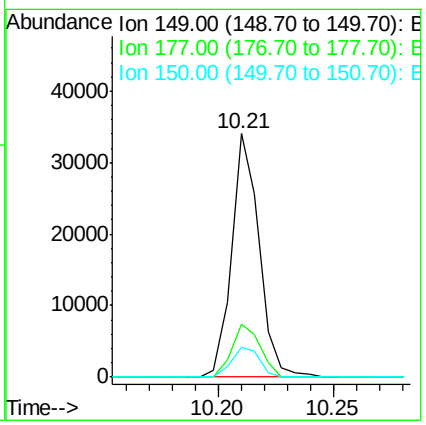


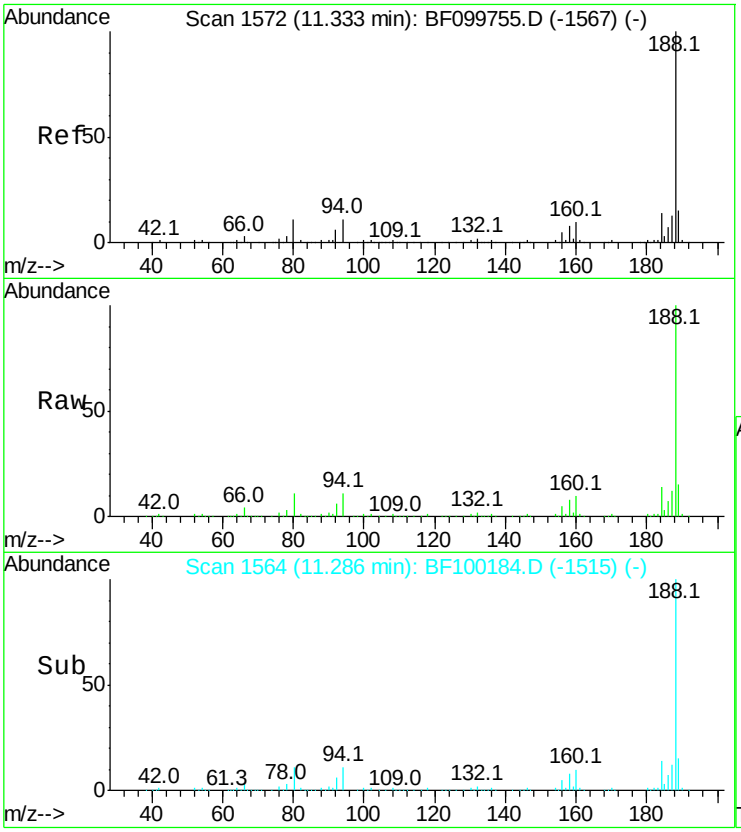


#59
Diethylphthalate
Concen: 2.079 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:149 Resp: 28096

Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.3	10.1	15.1



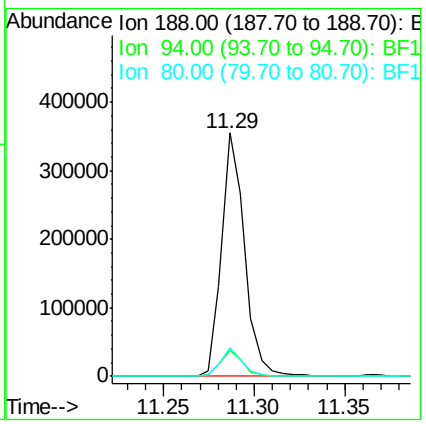


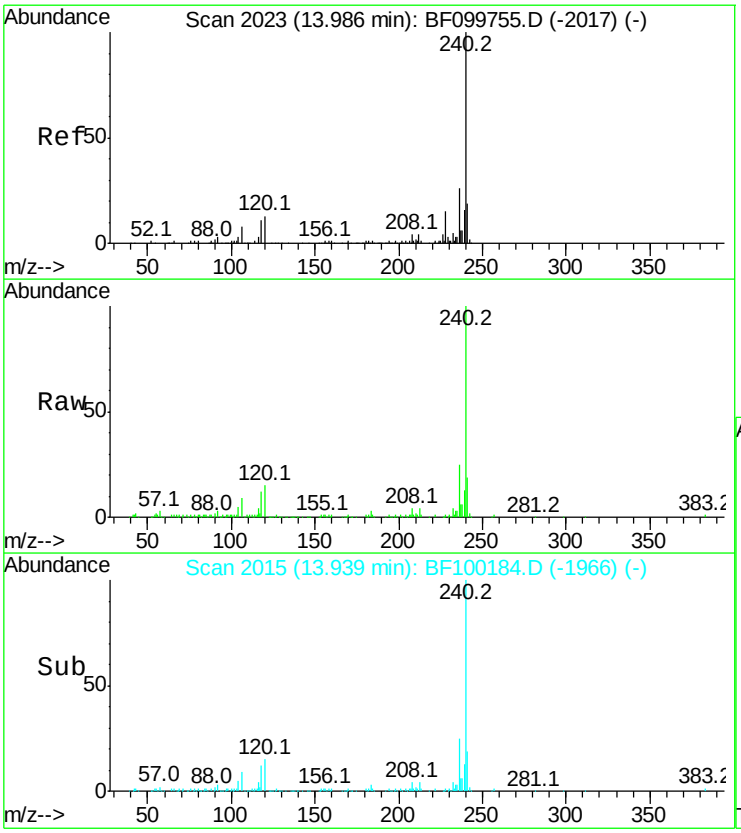
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion:188 Resp: 313143

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.5	9.2	13.8

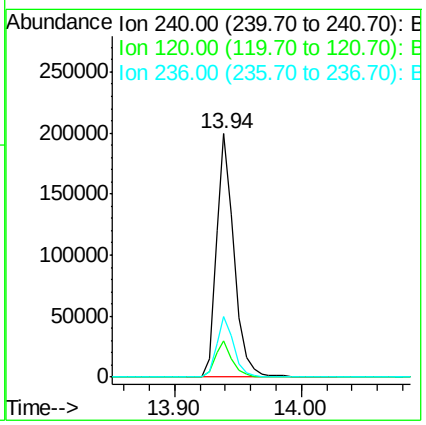


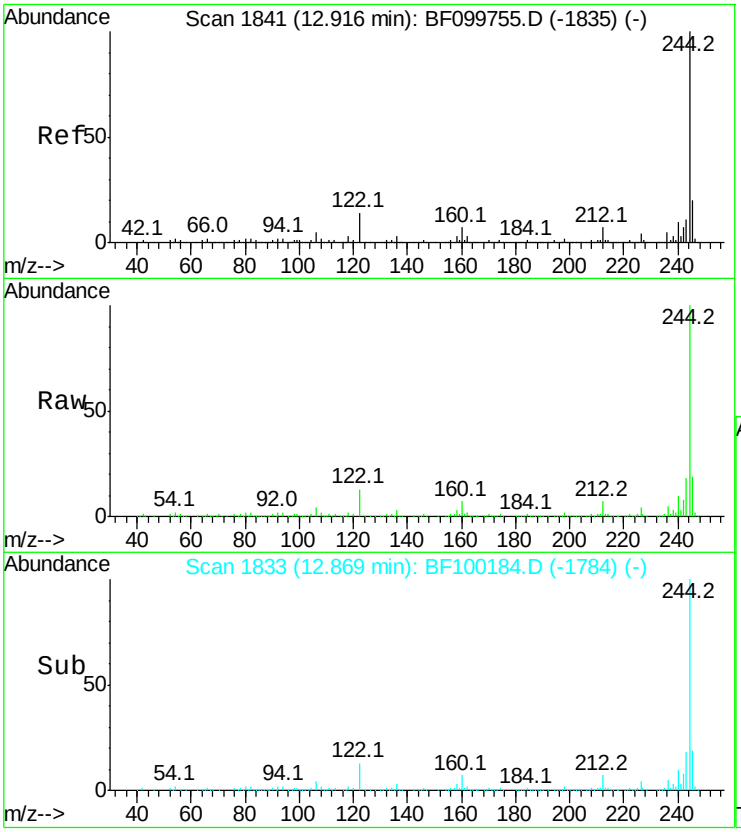


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:240 Resp: 193195

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.1	20.7	31.1



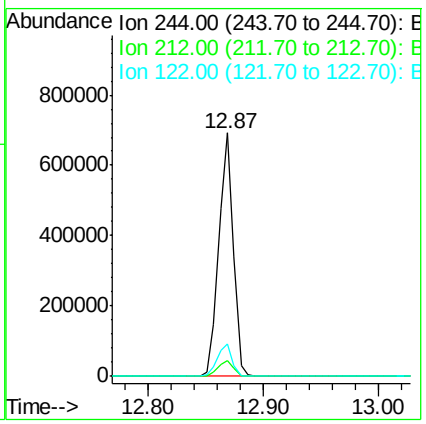


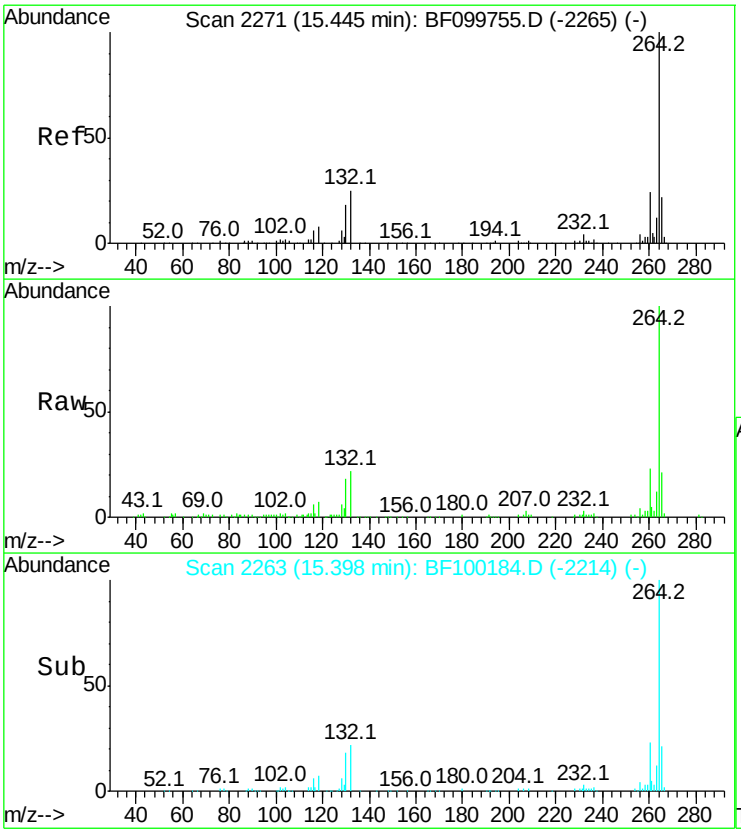
#78
Terphenyl-d14
Concen: 68.357 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :
ERM-FS-1

Tgt Ion:244 Resp: 604299

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:264 Resp: 163713

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3