Quantitation Report (QT/LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100102.D
Acq On : 2 Nov 2017 23:06
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Time: Nov 03 03:58:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81496	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	323017	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	137302	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	202713	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	142259	20.00	ng	-0.03
86) Perylene-d12	15.41	264	140963	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	104424	20.12	ng	0.01
7) Phenol-d6	6.43	99	77878	12.65	ng	0.00
23) Nitrobenzene-d5	7.34	82	270202	53.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	54362	43.45	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	558716	62.78	ng	-0.01
78) Terphenyl-d14	12.87	244	346420	53.22	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.07	128	37526	2.407	ng	97
37) 2-Methylnaphthalene	8.76	142	65351	6.254	ng	95

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

Quantitation Report (QT/LSC Reviewed)

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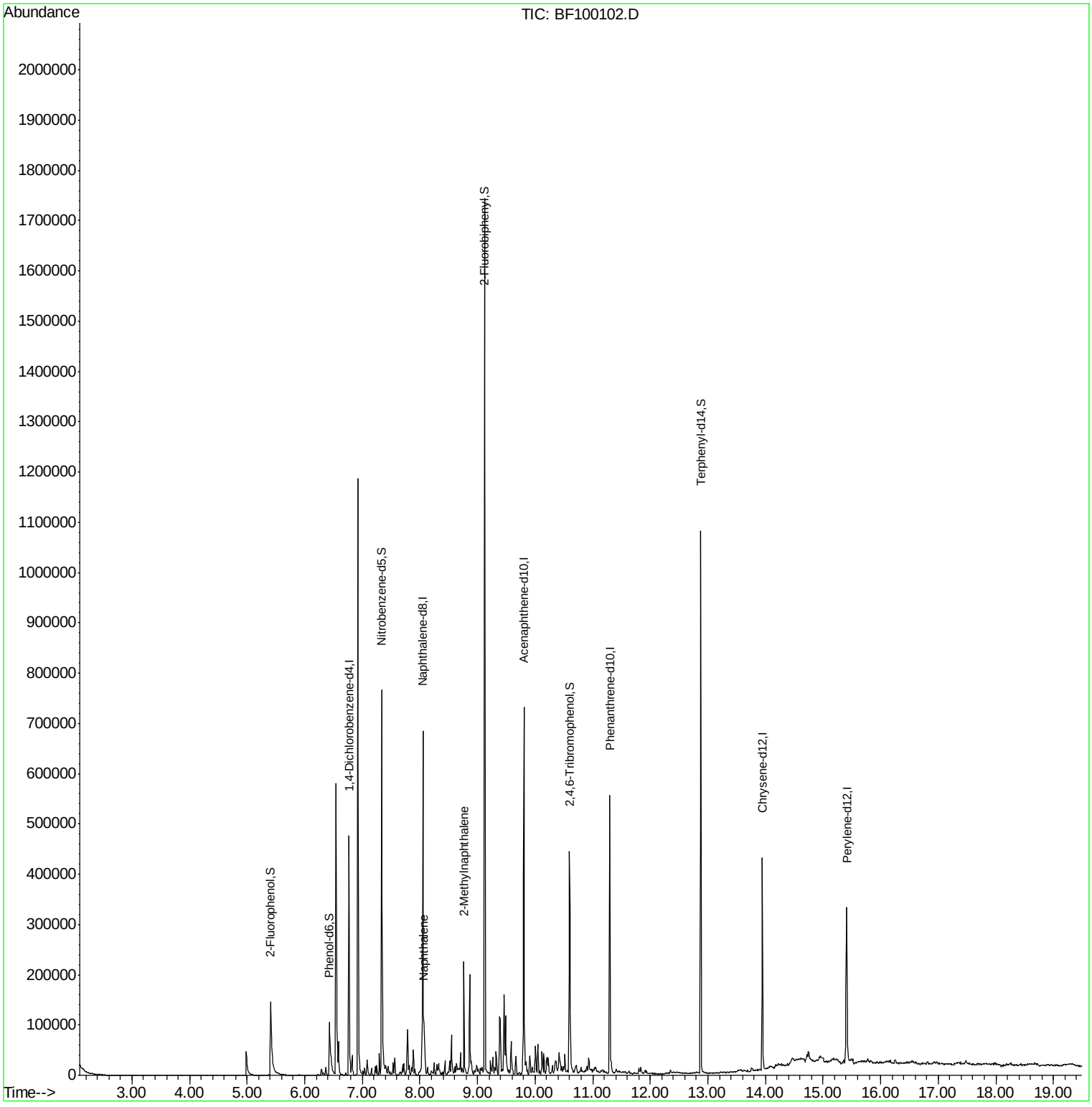
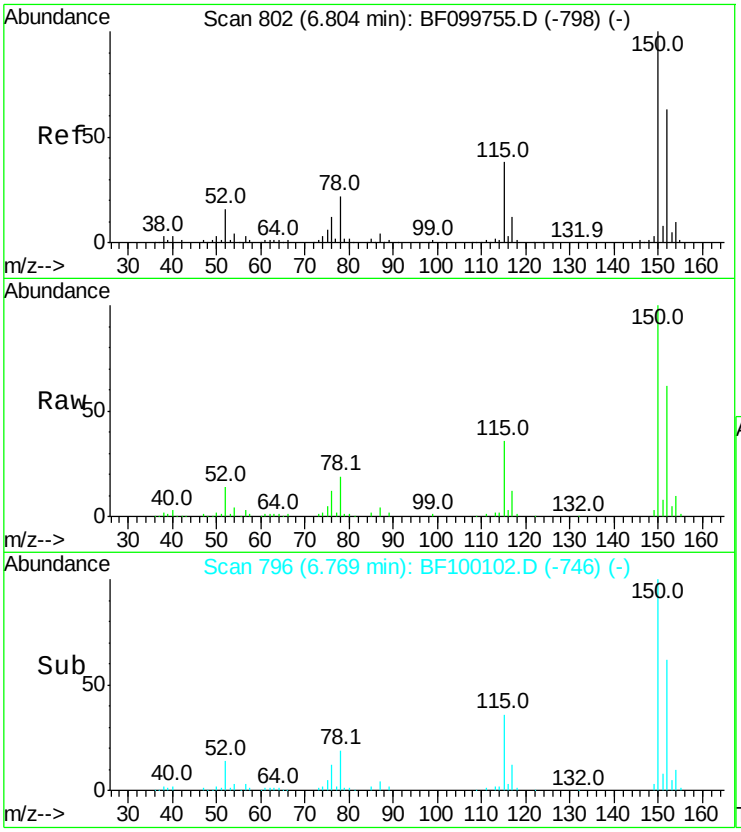


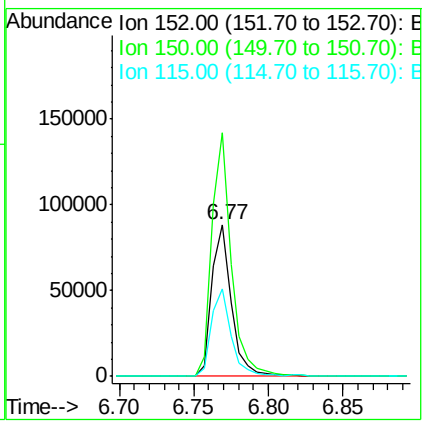


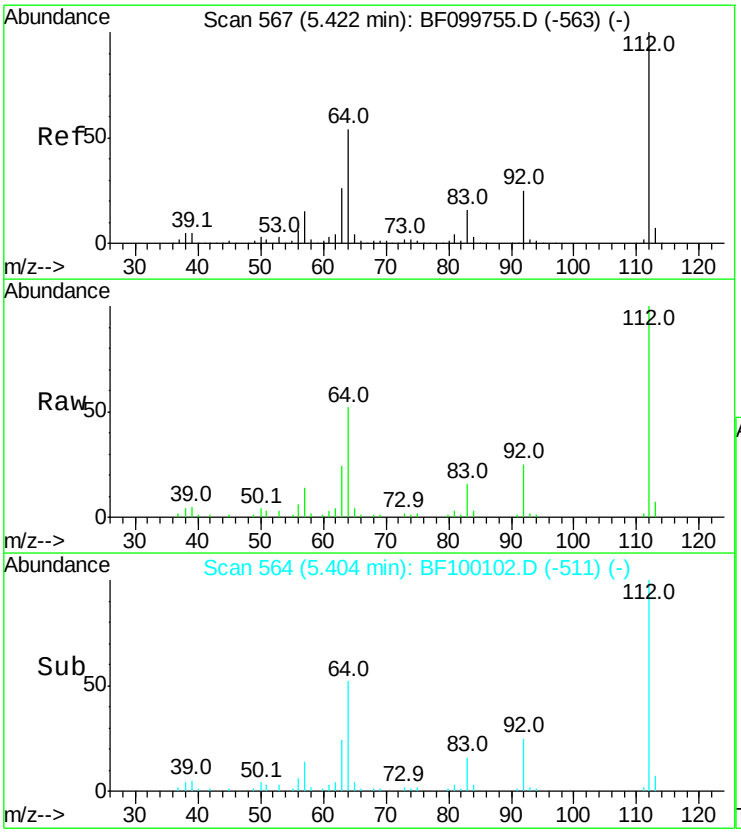
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:152 Resp: 81496

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	57.7	50.1	75.1

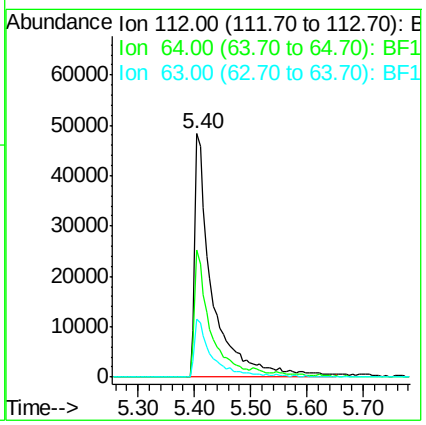


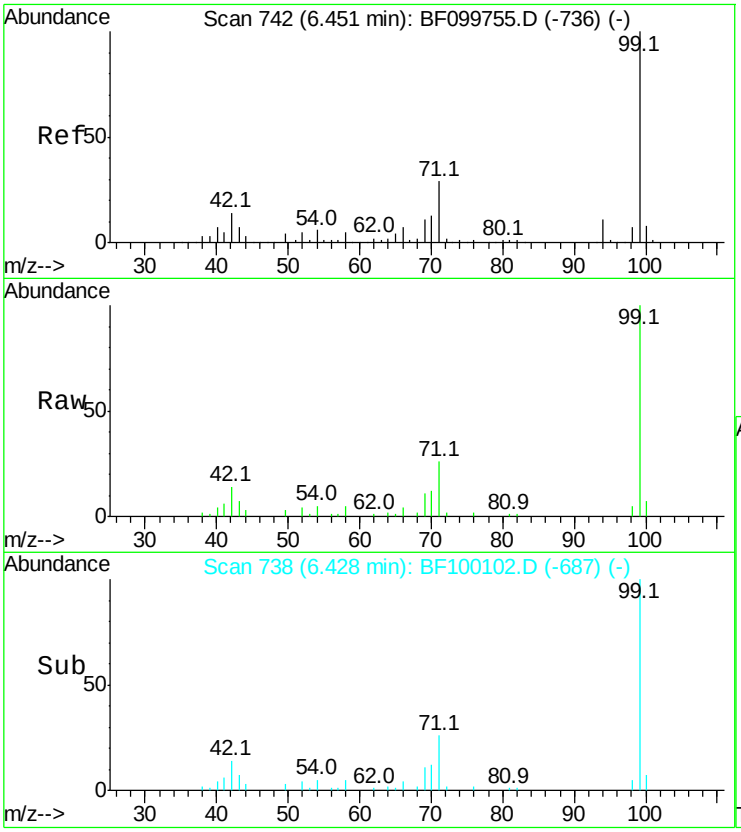


#5
2-Fluorophenol
Concen: 20.117 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:112 Resp: 104424

Ion	Ratio	Lower	Upper
112	100		
64	52.0	47.9	71.9
63	23.9	23.7	35.5



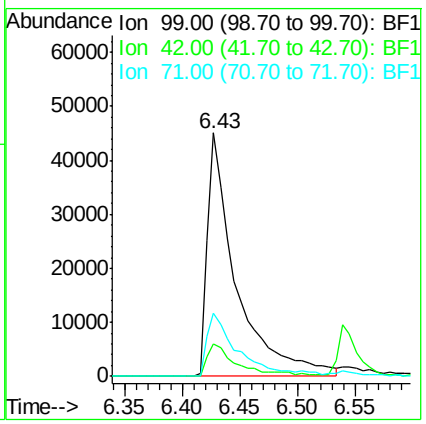


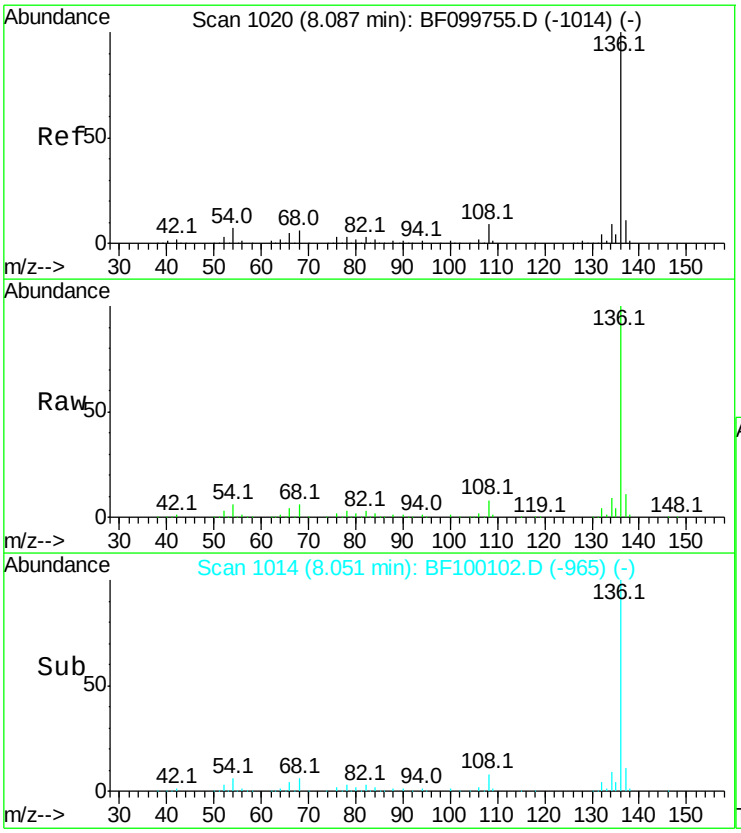
#7
Phenol-d6
Concen: 12.653 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 99 Resp: 77878

Ion	Ratio	Lower	Upper
99	100		
42	13.5	14.5	21.7#
71	25.9	25.4	38.0

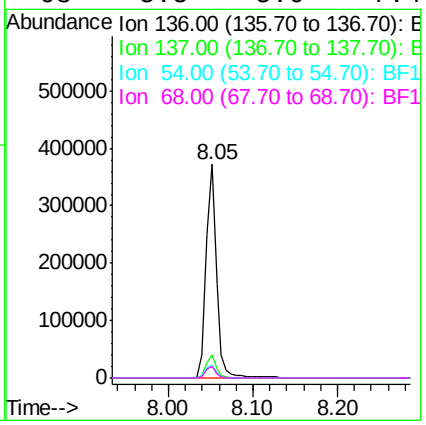


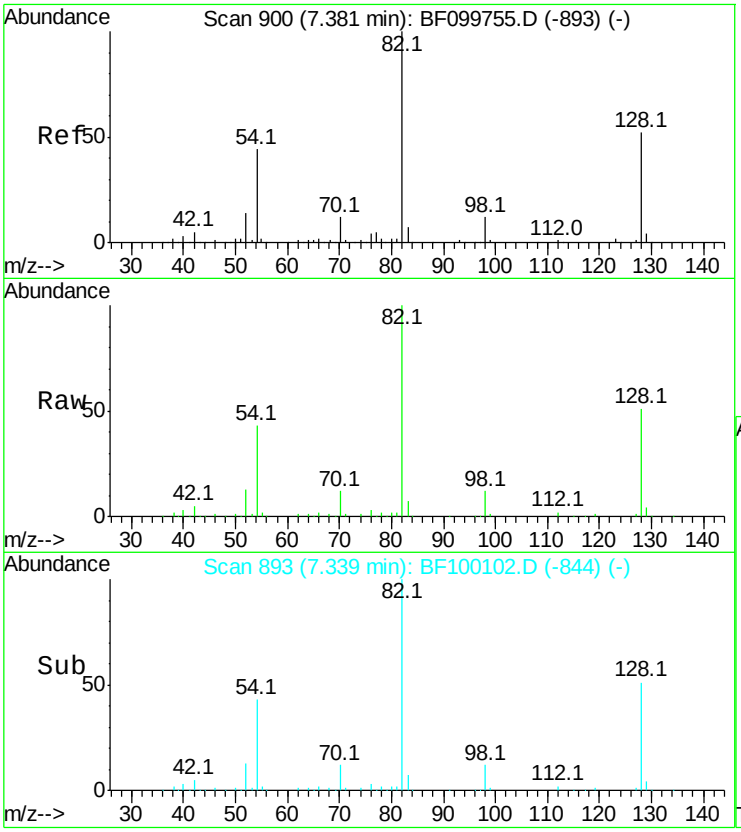


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:136 Resp: 323017

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.5	5.0	7.4



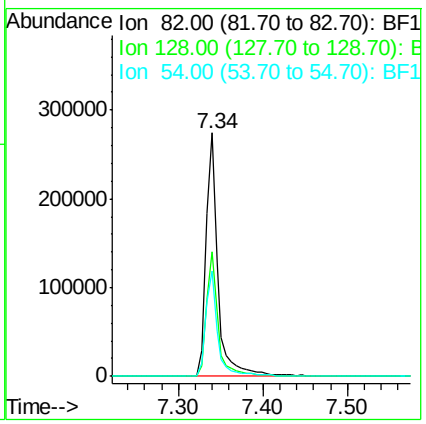


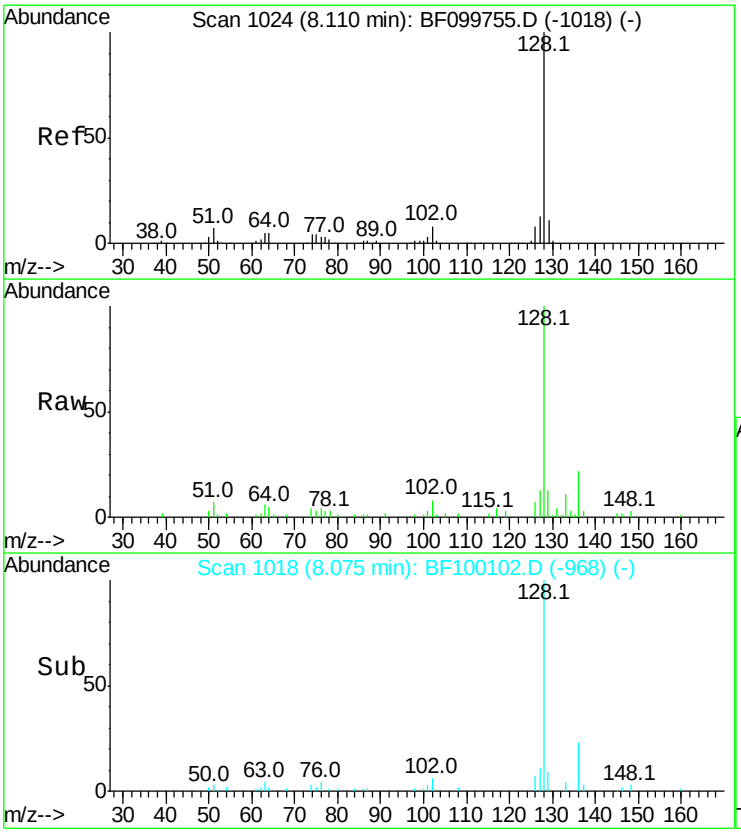
#23
Nitrobenzene-d5
Concen: 53.854 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion: 82 Resp: 270202

Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.4	41.4	62.2

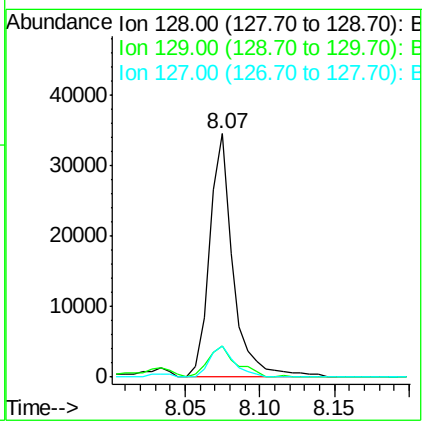


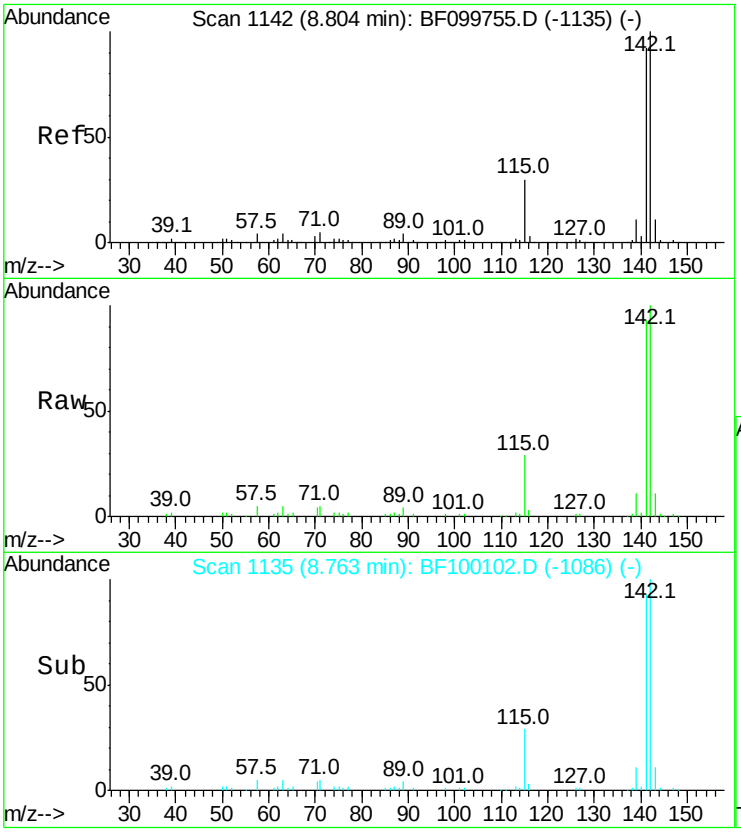


#31
Naphthalene
Concen: 2.407 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:128 Resp: 37526

Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.8	13.2
127	12.6	10.9	16.3

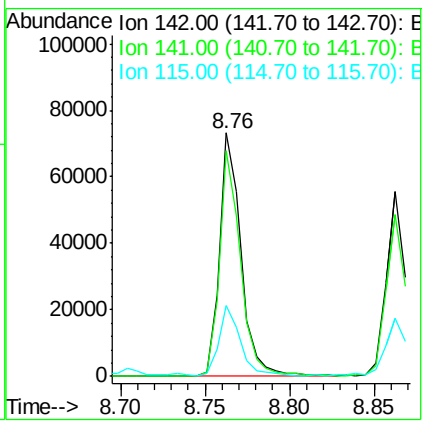




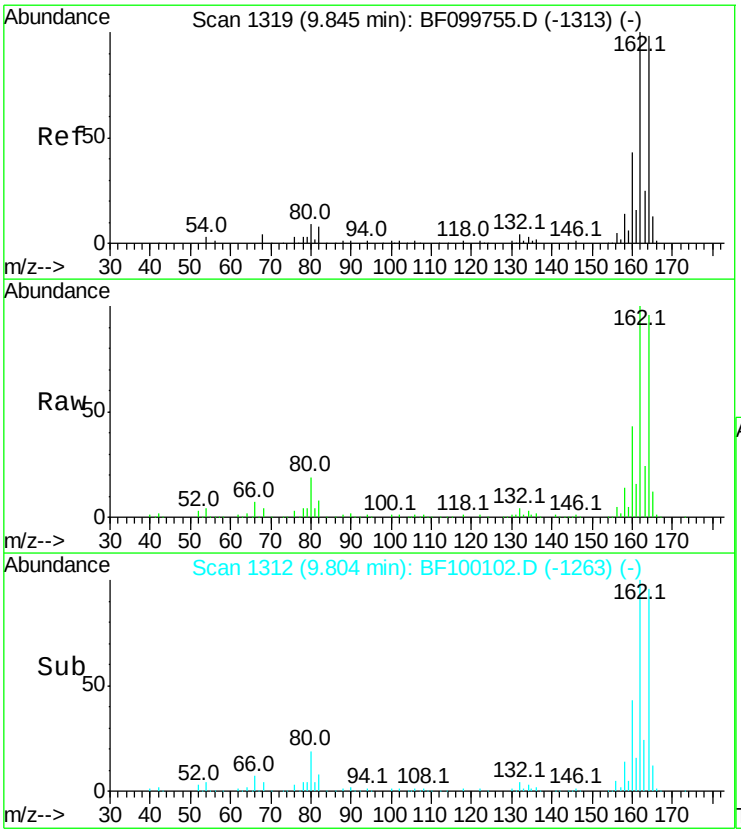
#37
2-Methylnaphthalene
Concen: 6.254 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:142 Resp: 65351

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.8	106.2
115	28.9	26.1	39.1



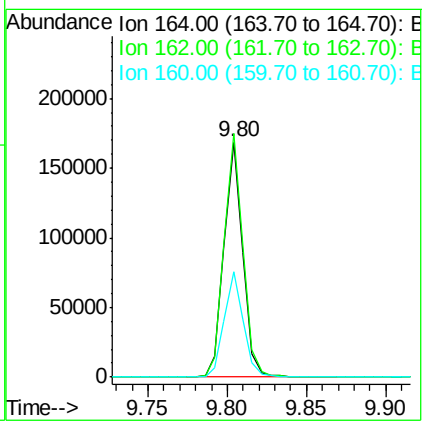
Instrument :
BNA_F
ClientSampleId :
MW-02

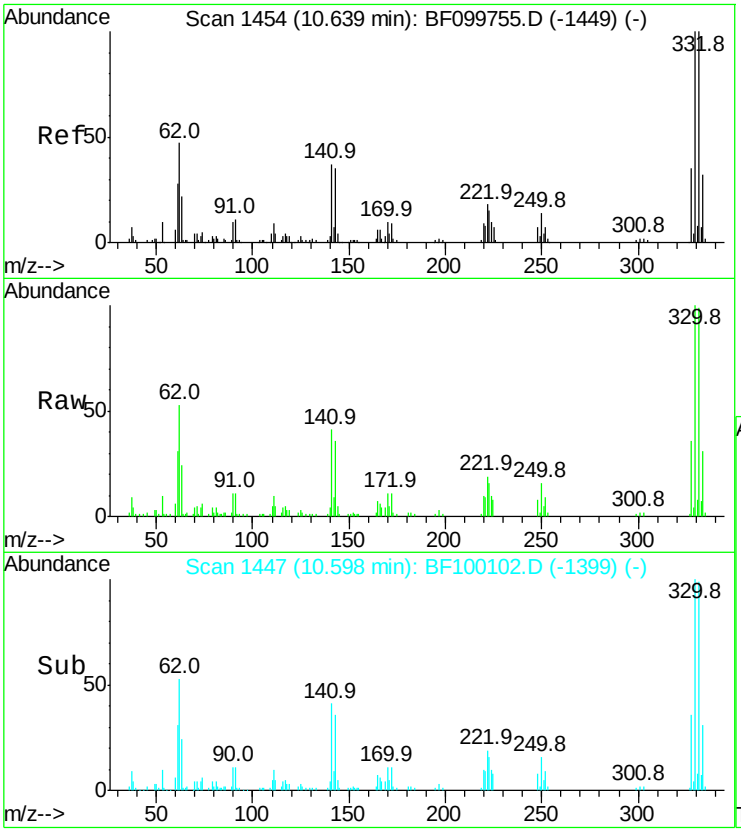


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:164 Resp: 137302

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.1	38.3	57.5



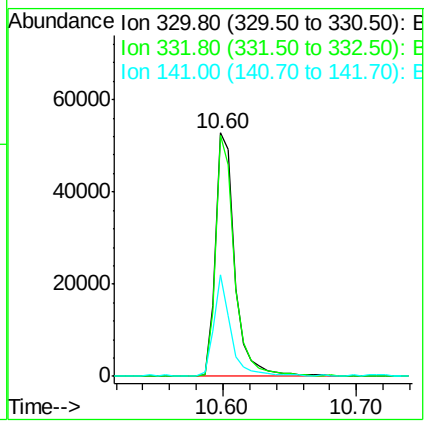


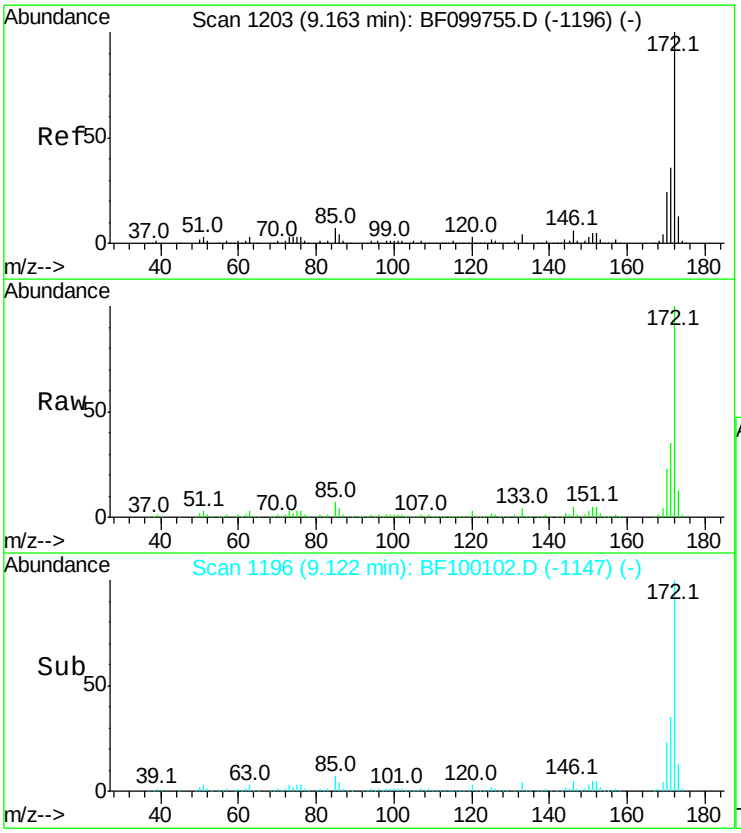
#41
2,4,6-Tribromophenol
Concen: 43.446 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:330 Resp: 54362

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.0	29.9	44.9

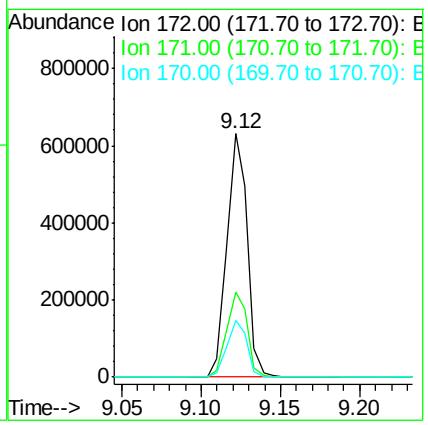


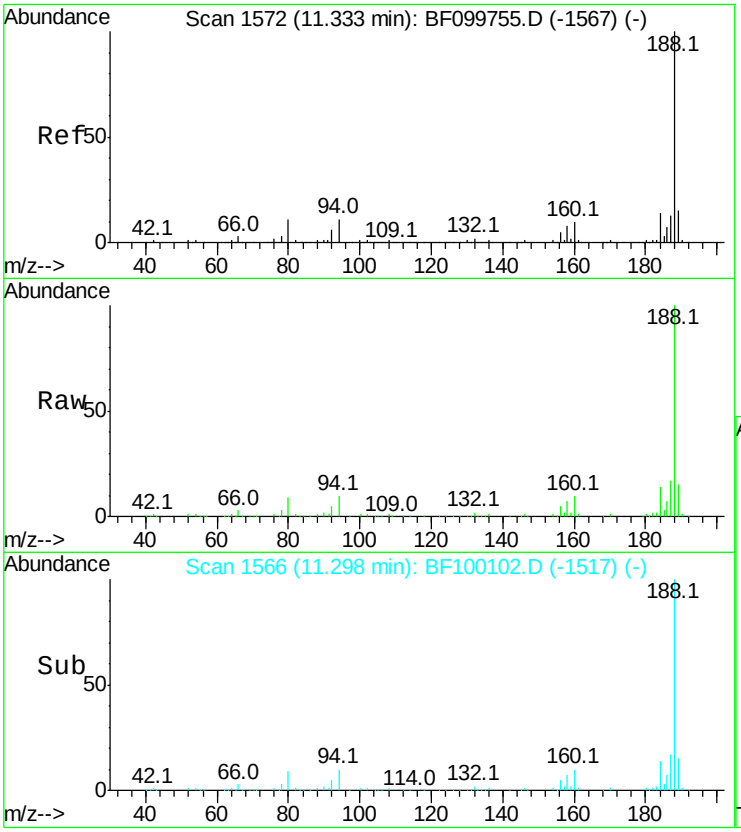


#44
2-Fluorobiphenyl
Concen: 62.782 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:172 Resp: 558716

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.1	19.6	29.4



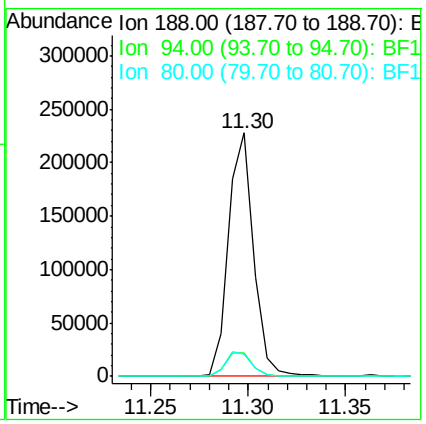


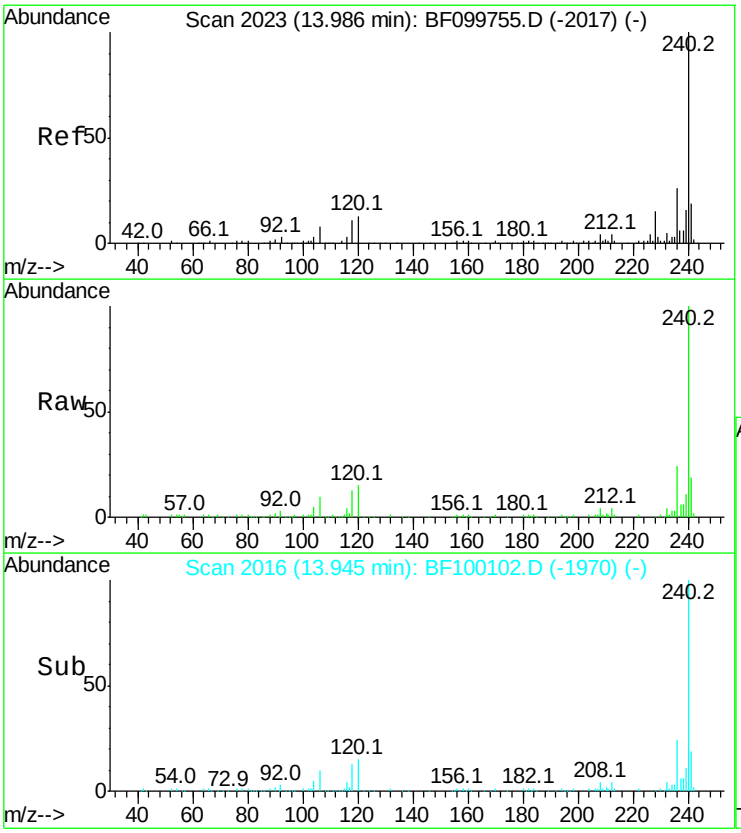
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:188 Resp: 202713

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.4	9.2	13.8

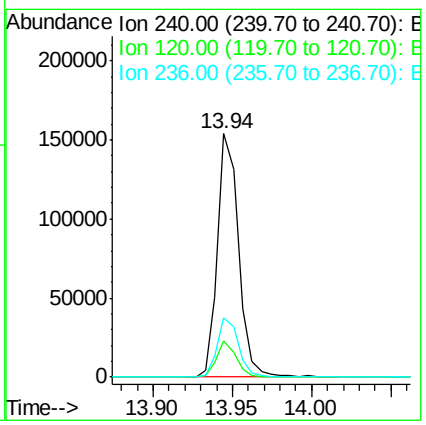


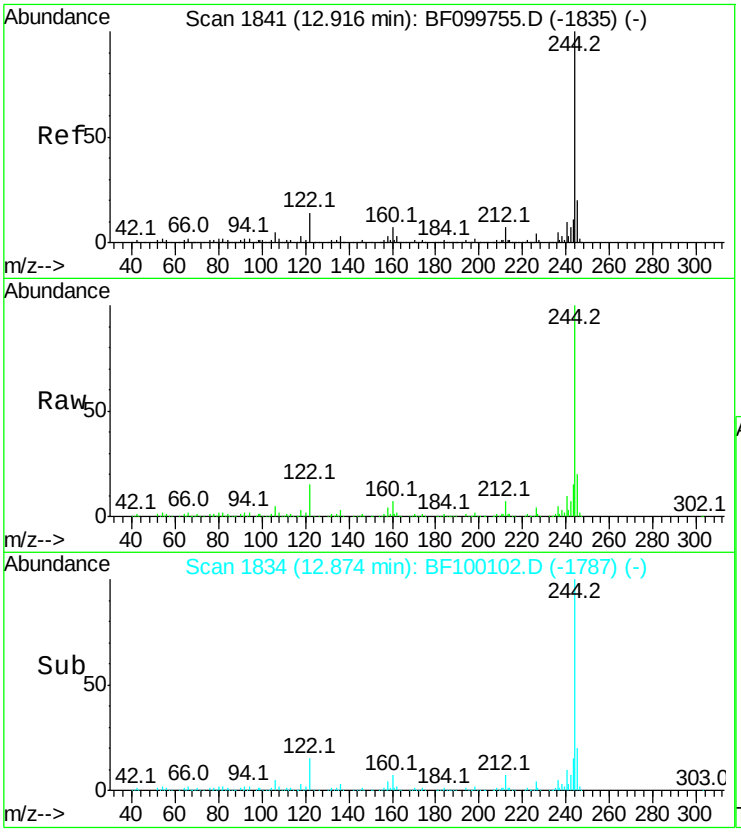


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:240 Resp: 142259

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	24.4	20.7	31.1



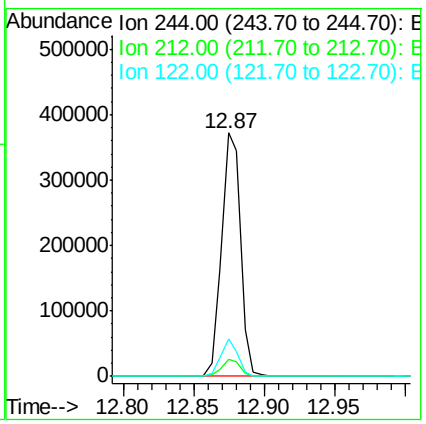


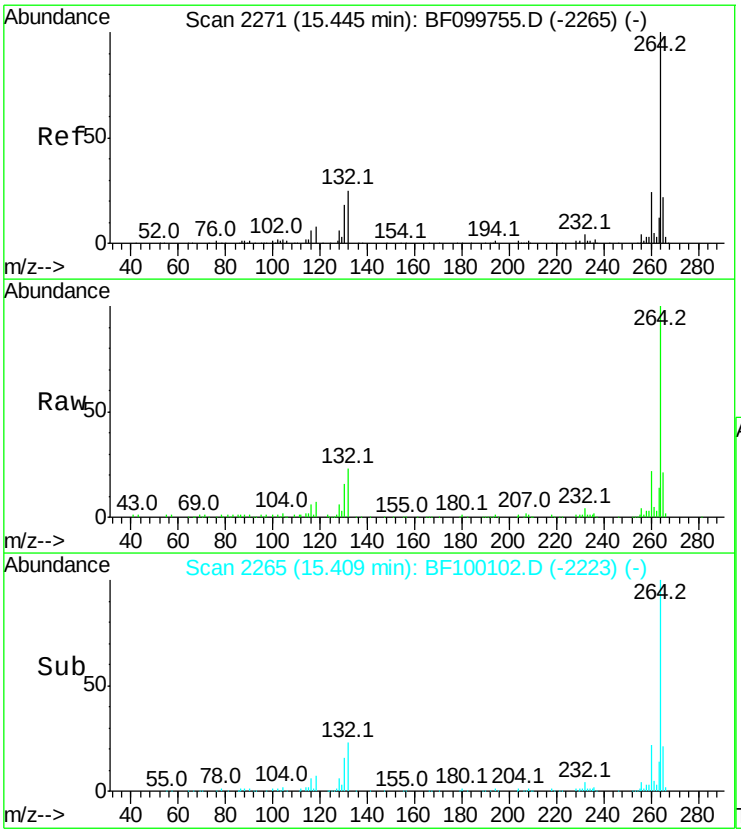
#78
Terphenyl-d14
Concen: 53.217 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:244 Resp: 346420

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.05 min
Lab File: BF100102.D
Acq: 2 Nov 2017 23:06

Tgt Ion:264 Resp: 140963

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.4	17.5	26.3