Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100528.D
Acq On : 14 Nov 2017 6:46
Operator : SJ/JU
Sample : I6441-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7A-7B

Quant Time: Nov 14 08:47:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131320	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	478466	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	185518	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	279667	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	262405	20.00	ng	-0.02
86) Perylene-d12	15.53	264	187359	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	933128	113.90	ng	0.00
7) Phenol-d6	6.52	99	994503	98.45	ng	0.00
23) Nitrobenzene-d5	7.46	82	781378	107.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	228605	120.93	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1314140	107.86	ng	-0.01
78) Terphenyl-d14	13.00	244	985178	86.27	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.19	128	111585	4.842	ng	98
76) Benzidine	12.75	184	114181	10.865	ng	98

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

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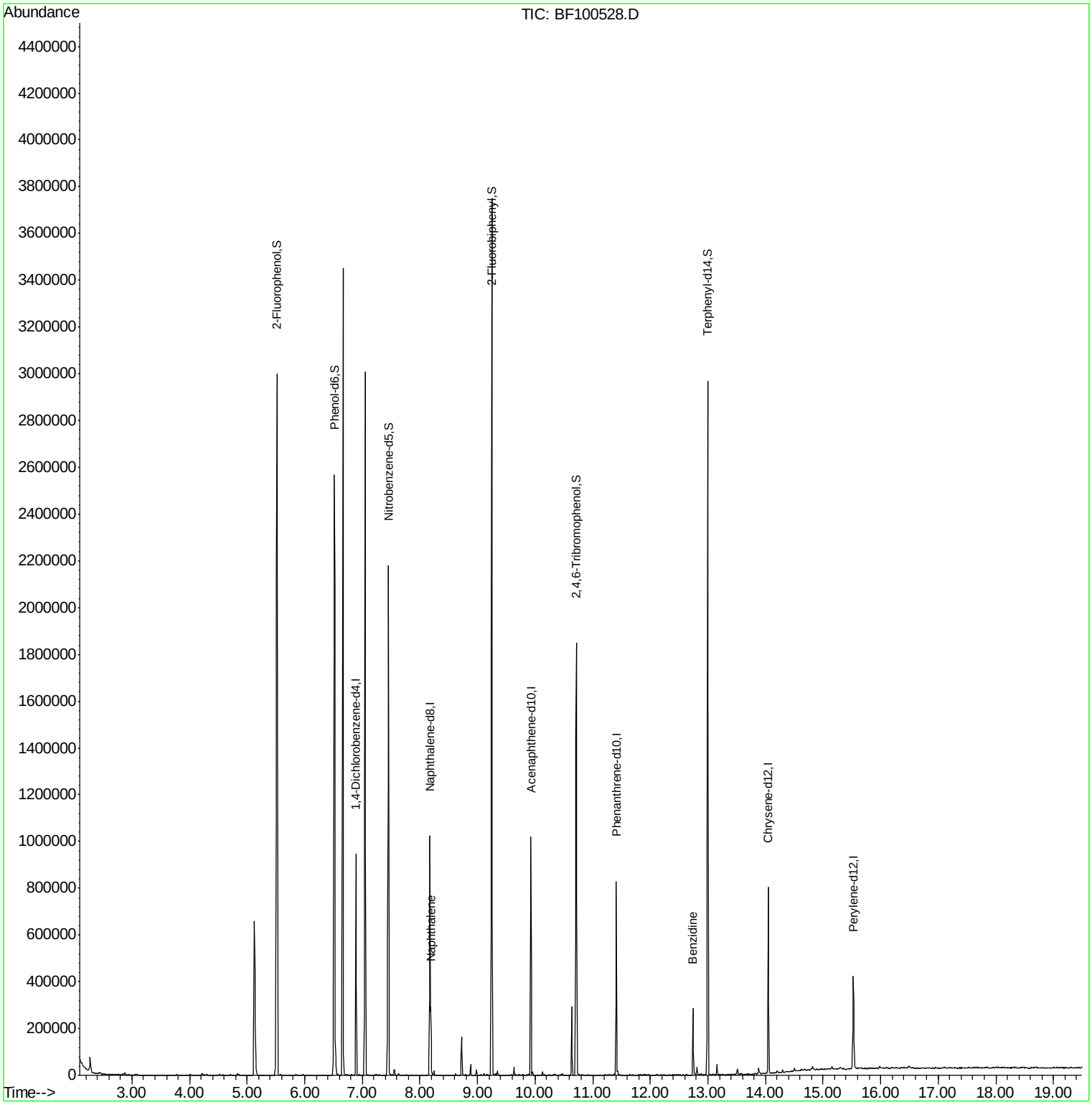
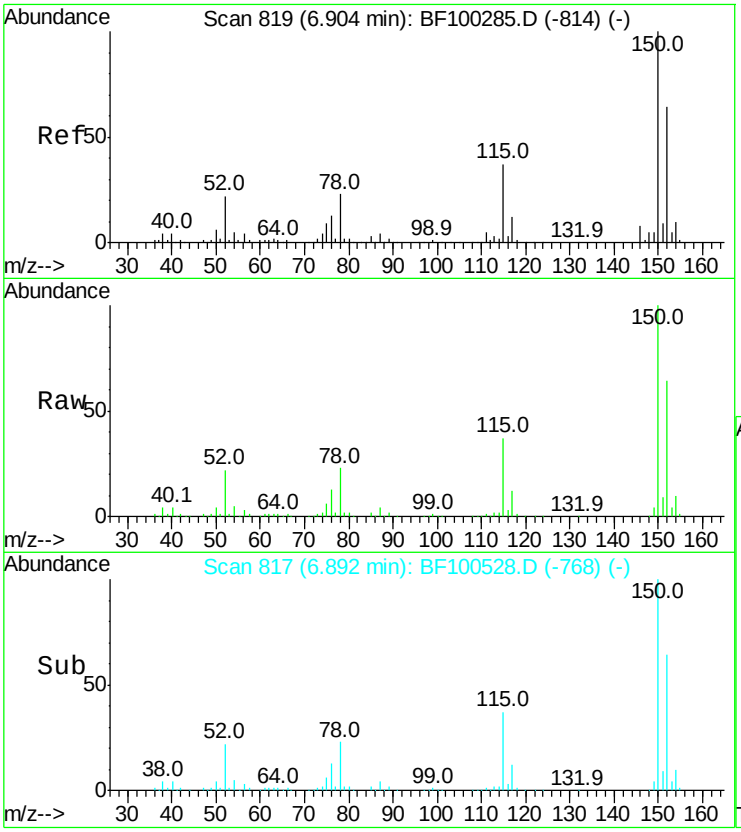


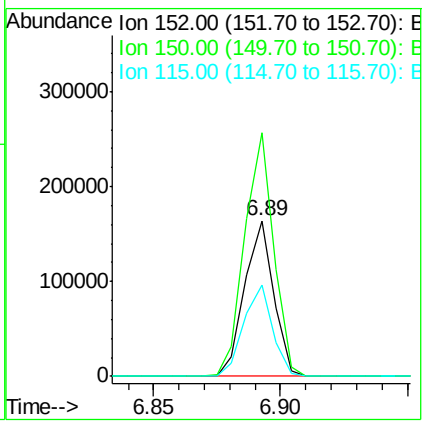


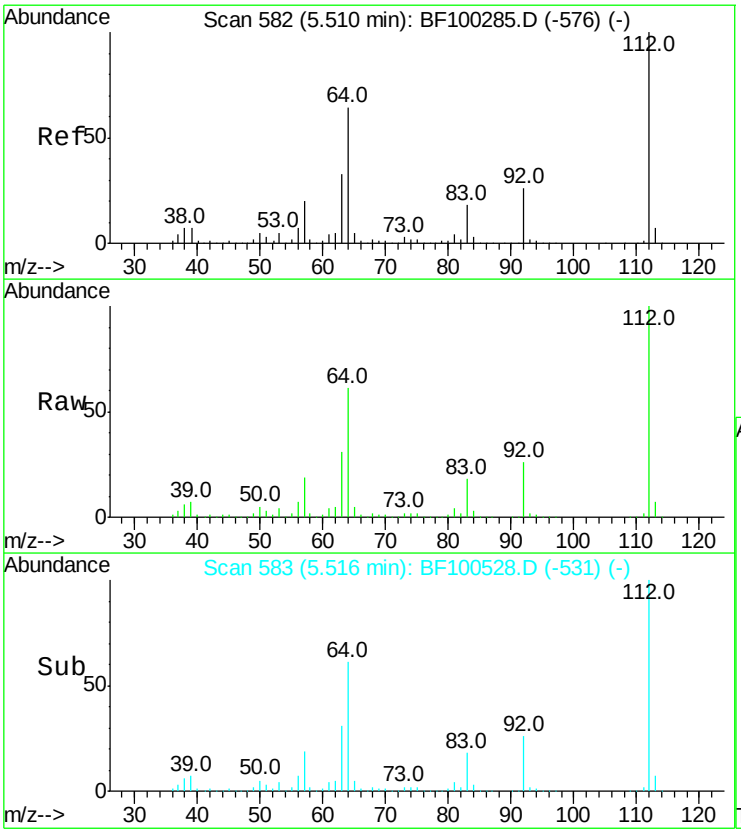
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:152 Resp: 131320

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.7	50.1	75.1

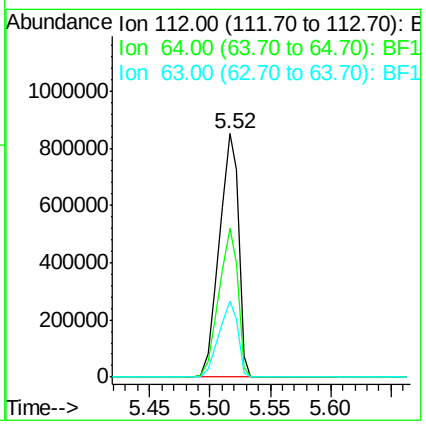


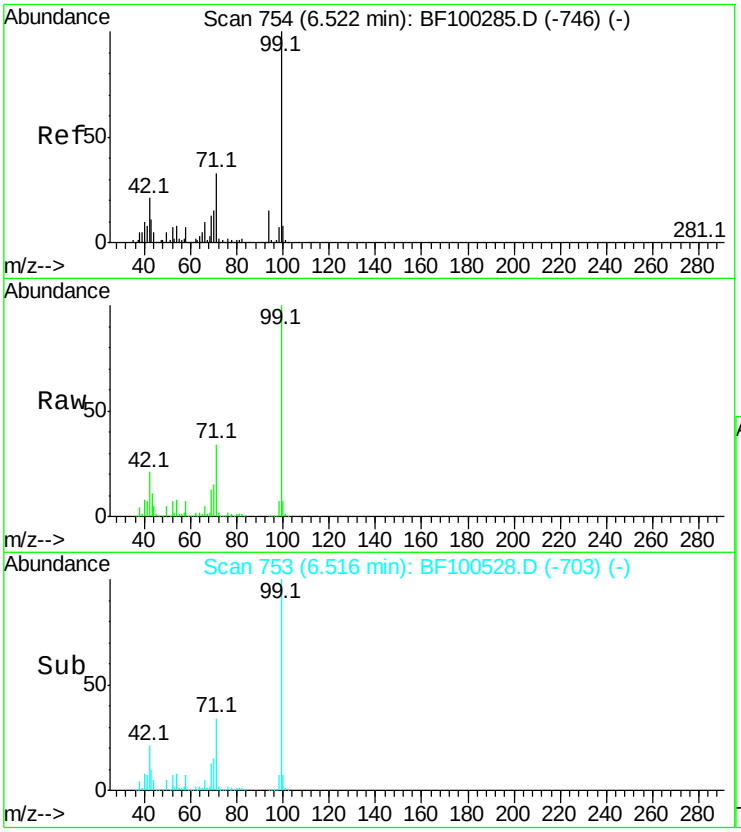


#5
2-Fluorophenol
Concen: 113.904 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:112 Resp: 933128

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	31.4	23.7	35.5



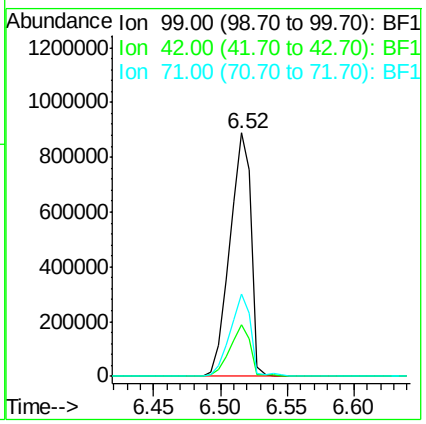


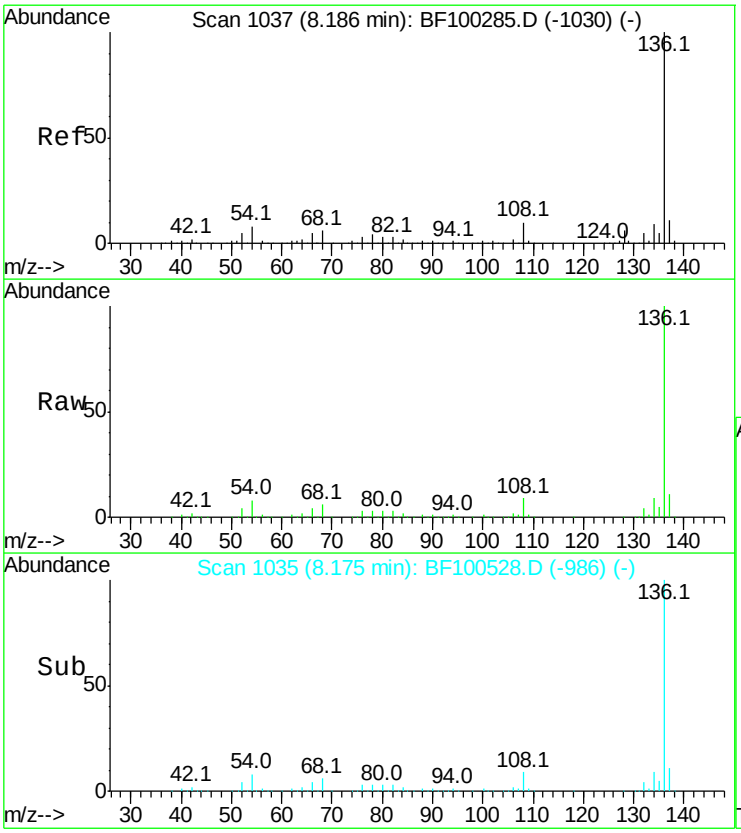
#7
Phenol-d6
Concen: 98.445 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 99 Resp: 994503

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	33.9	25.4	38.0

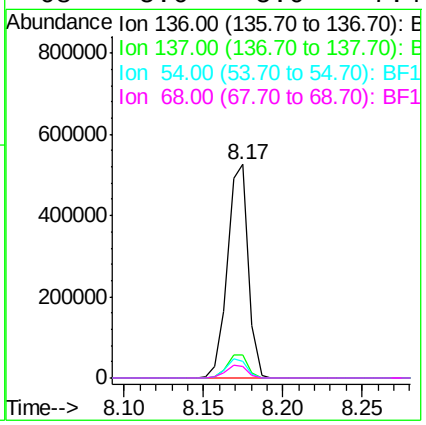


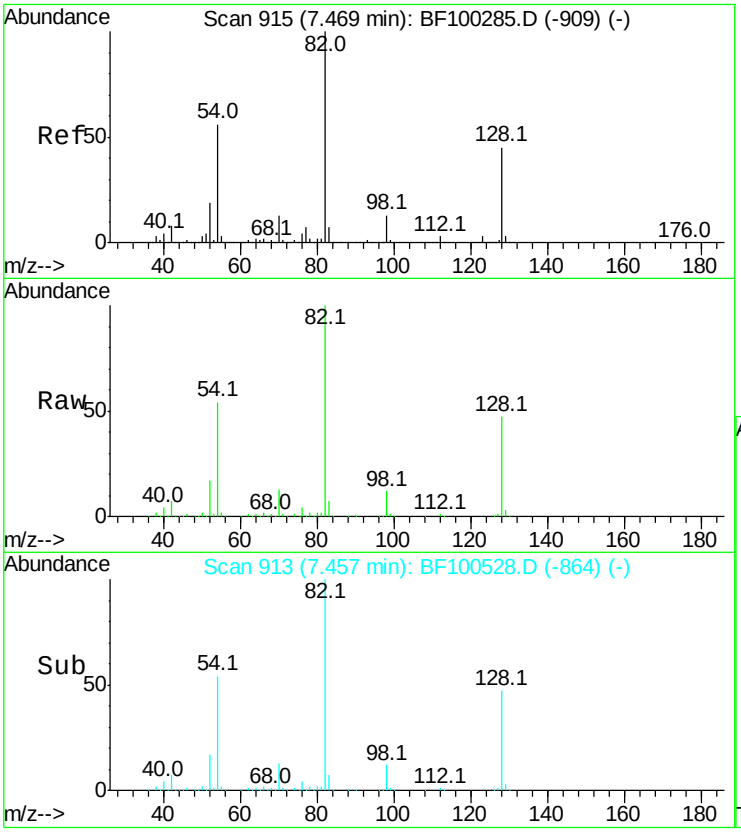


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:136 Resp: 478466

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	5.6	5.0	7.4



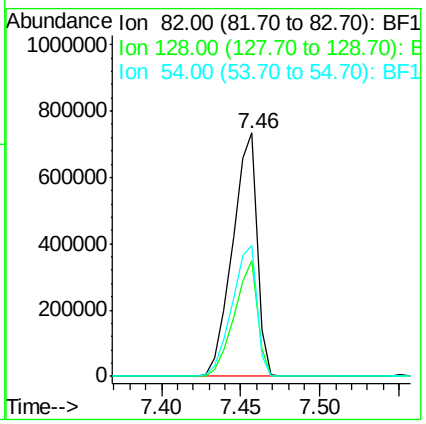


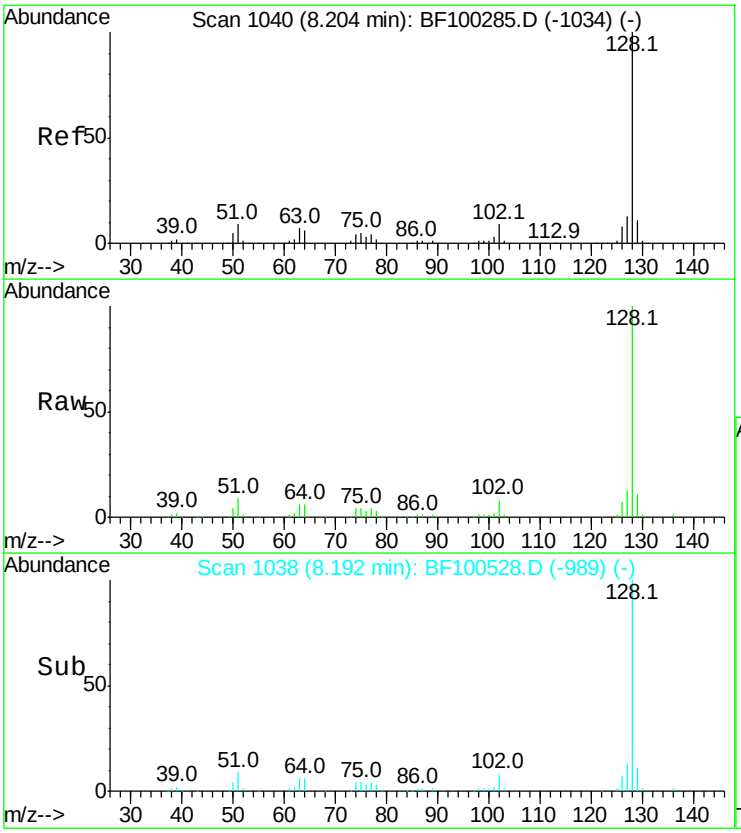
#23
Nitrobenzene-d5
Concen: 107.969 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion: 82 Resp: 781378

Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	54.0	41.4	62.2

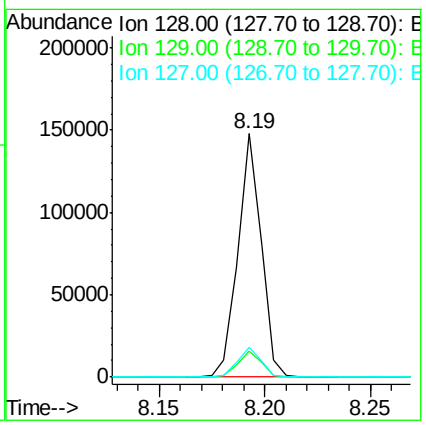


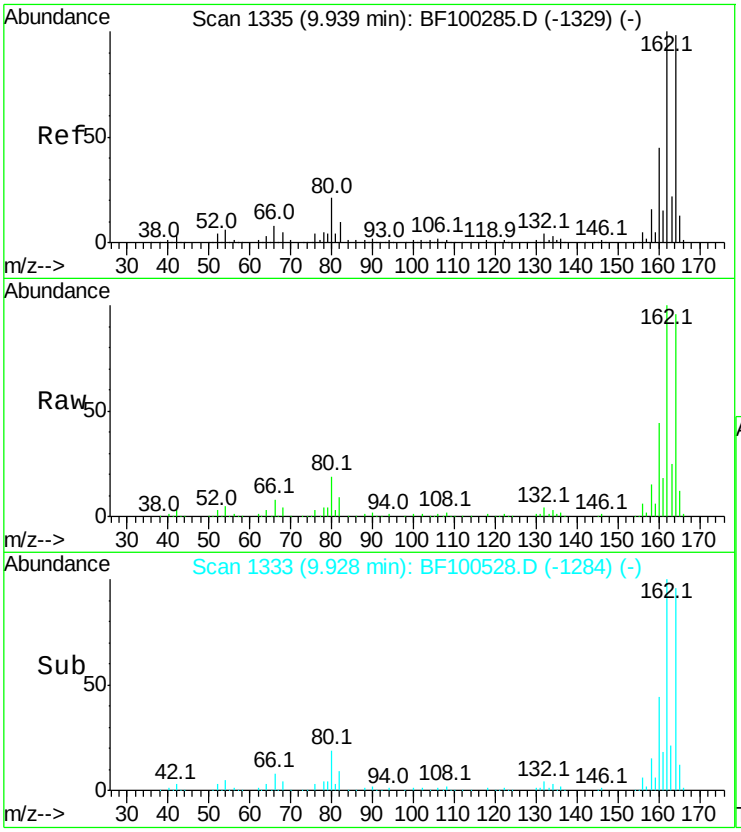


#31
Naphthalene
Concen: 4.842 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:128 Resp: 111585

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.5	10.9	16.3



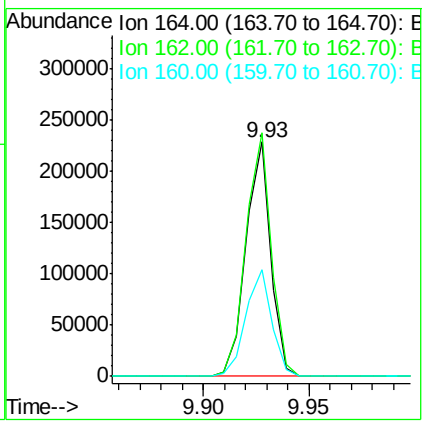


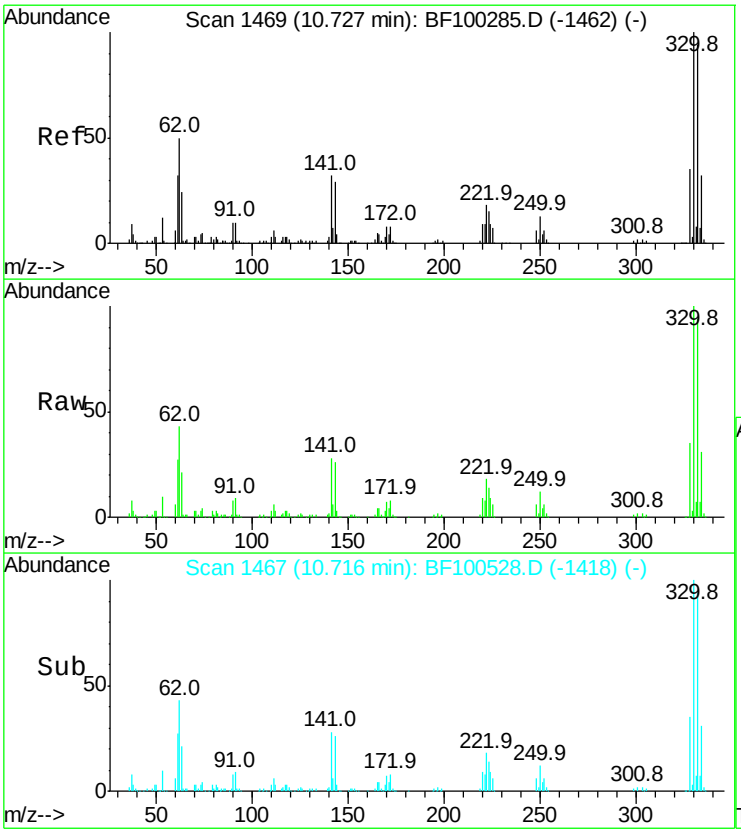
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:164 Resp: 185518

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5

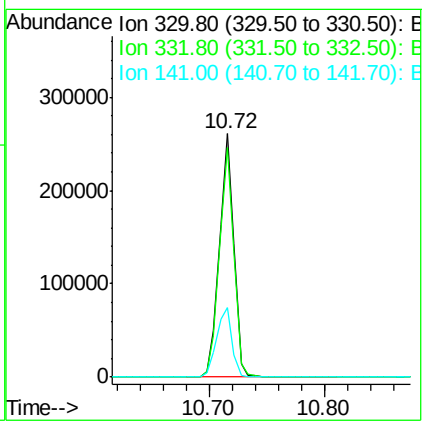


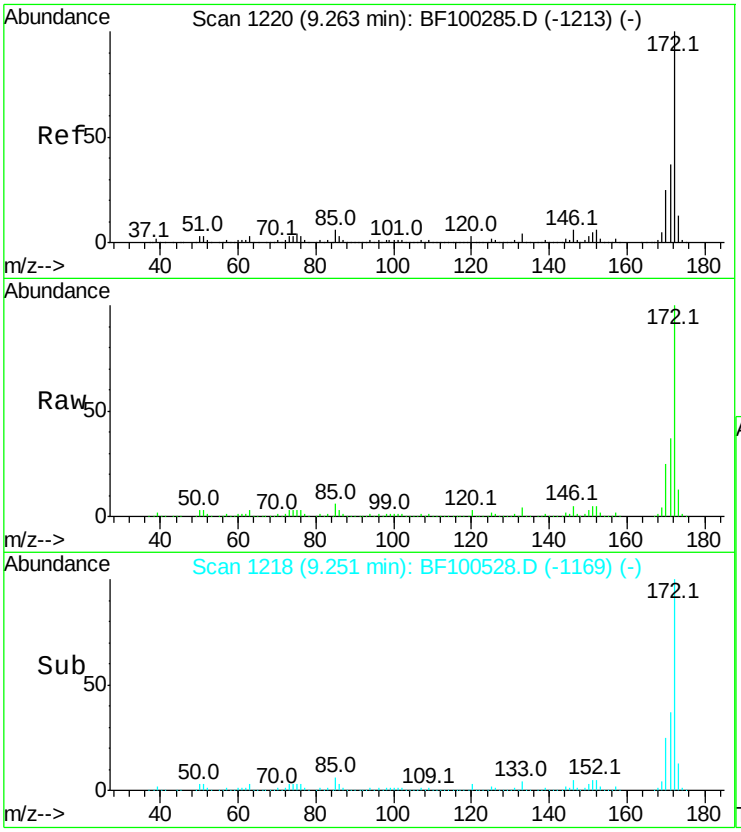


#41
2,4,6-Tribromophenol
Concen: 120.928 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:330 Resp: 228605

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	30.1	29.9	44.9



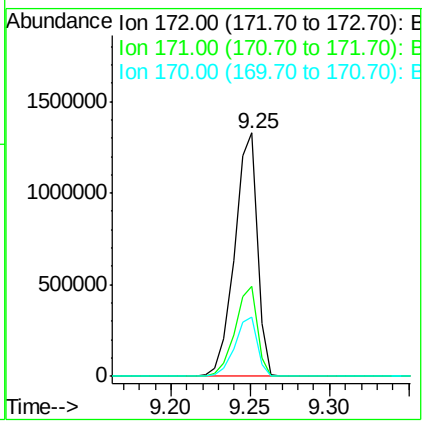


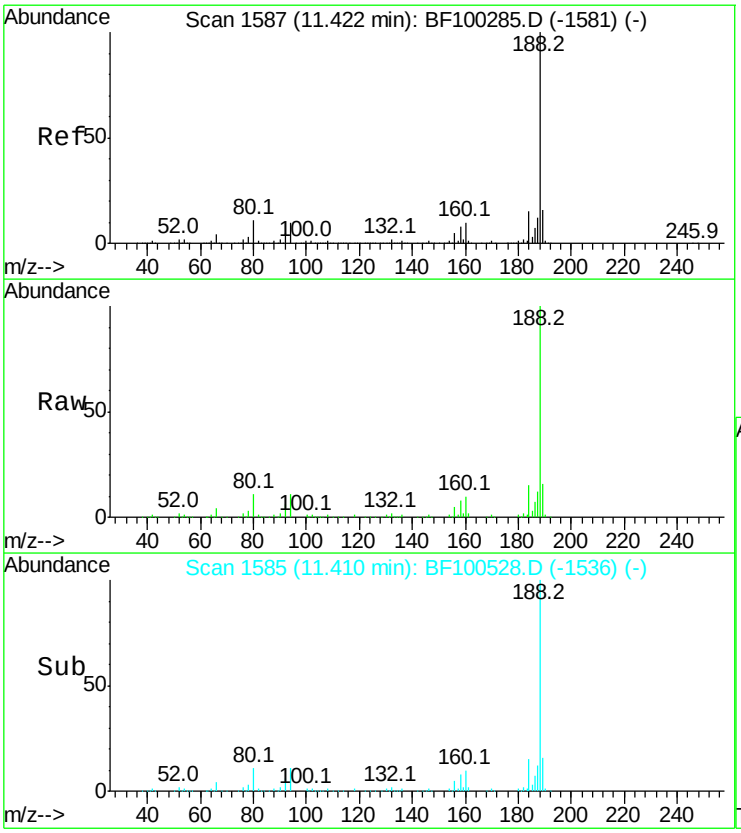
#44
2-Fluorobiphenyl
Concen: 107.863 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:172 Resp: 1314140

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4

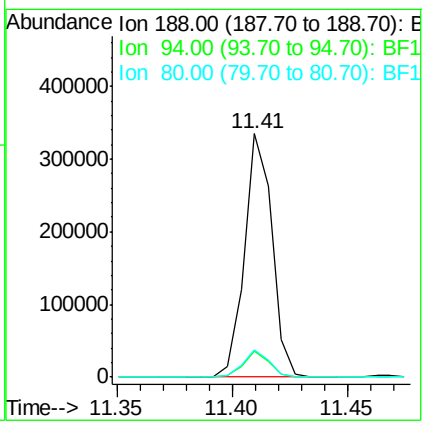


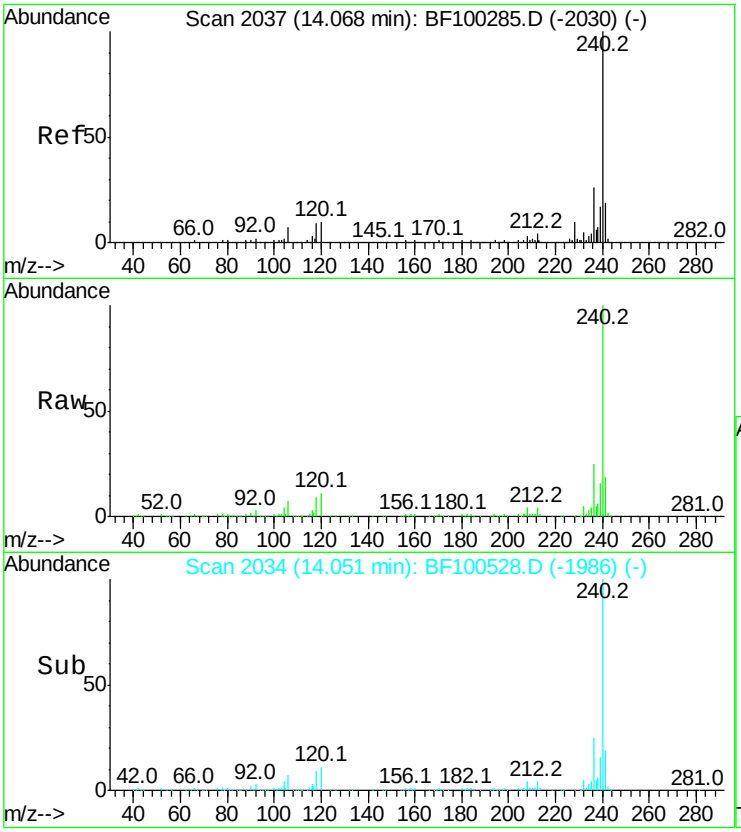


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:188 Resp: 279667

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.0	9.2	13.8



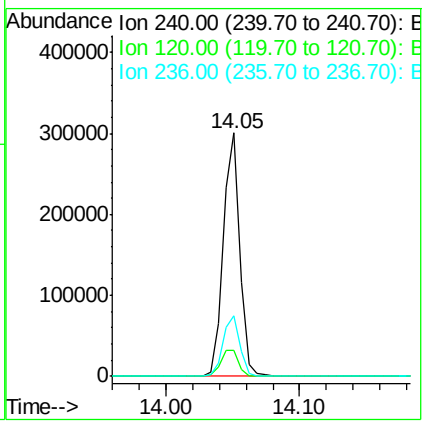


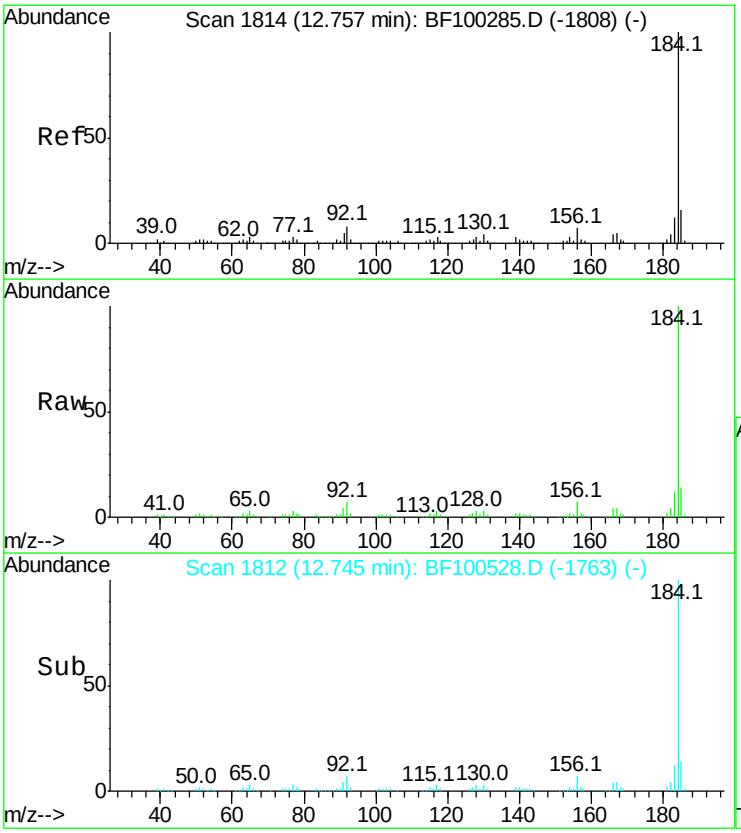
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:240 Resp: 262405

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.5	14.3
236	24.8	20.7	31.1

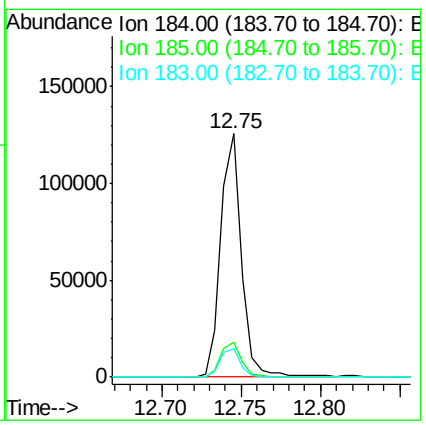


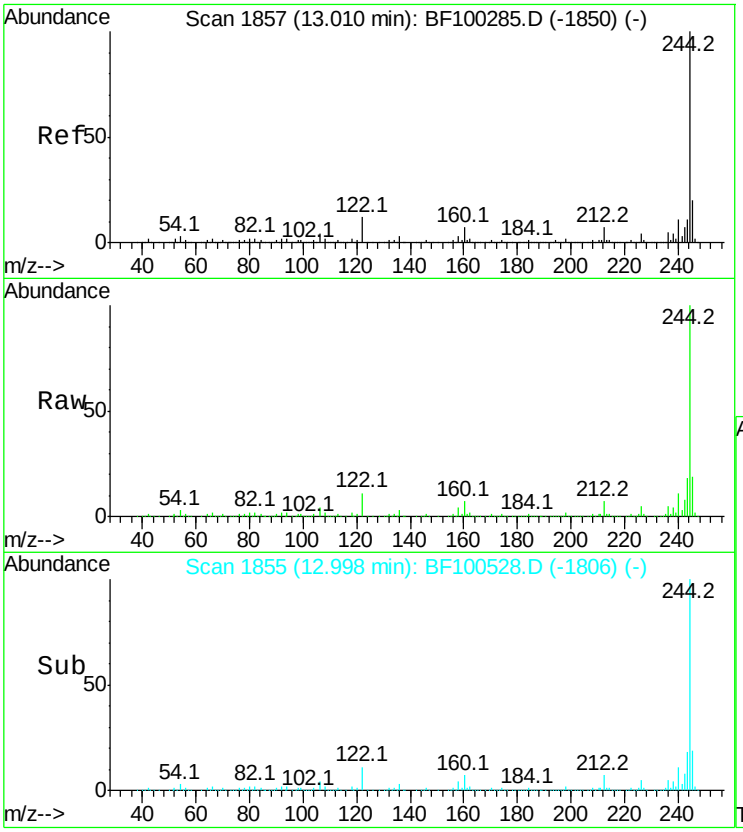


#76
Benzidine
Concen: 10.865 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:184 Resp: 114181

Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	12.0	9.3	13.9



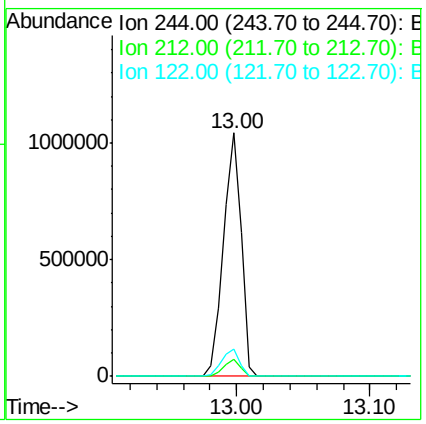


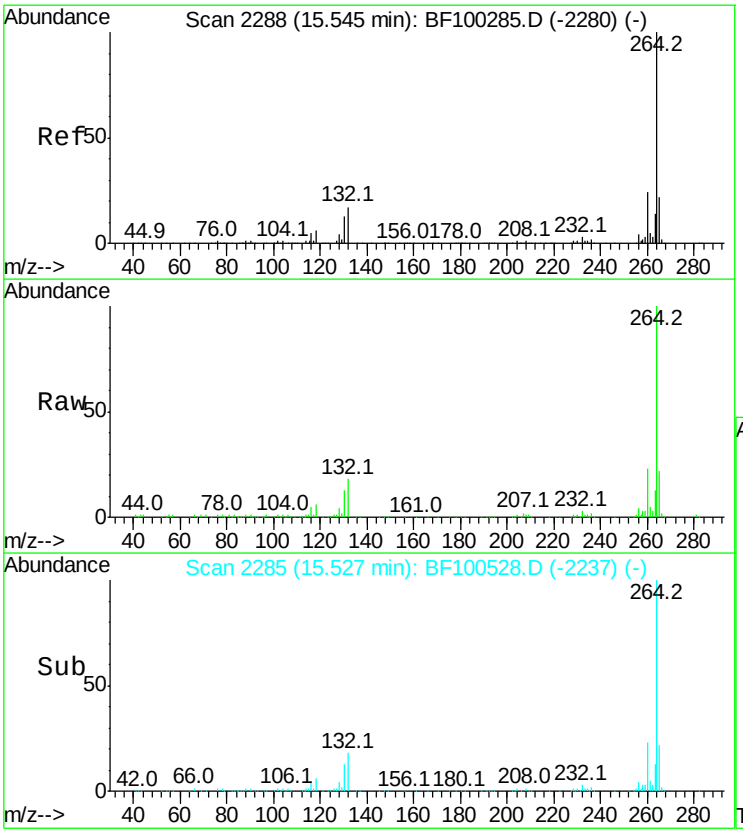
#78
Terphenyl-d14
Concen: 86.266 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Instrument :
BNA_F
ClientSampleId :
TP-7A-7B

Tgt Ion:244 Resp: 985178

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BF100528.D
Acq: 14 Nov 2017 6:46

Tgt Ion:264 Resp: 187359

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3