Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100221.D
Acq On : 5 Nov 2017 14:04
Operator : SJ/JU
Sample : I6267-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-S001-0001-01

Quant Time: Nov 06 06:28:14 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	92811	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	369415	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	155121	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	237352	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	172055	20.00	ng	-0.01
86) Perylene-d12	15.40	264	177247	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	629957	106.56	ng	0.00
7) Phenol-d6	6.42	99	731761	104.39	ng	-0.01
23) Nitrobenzene-d5	7.34	82	406700	70.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	136365	96.46	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	767618	76.35	ng	-0.01
78) Terphenyl-d14	12.87	244	490804	62.34	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.43	94	36517	4.745	ng	89
49) Dimethylphthalate	9.52	163	51160	4.165	ng	100

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

Quantitation Report (LSC Reviewed)

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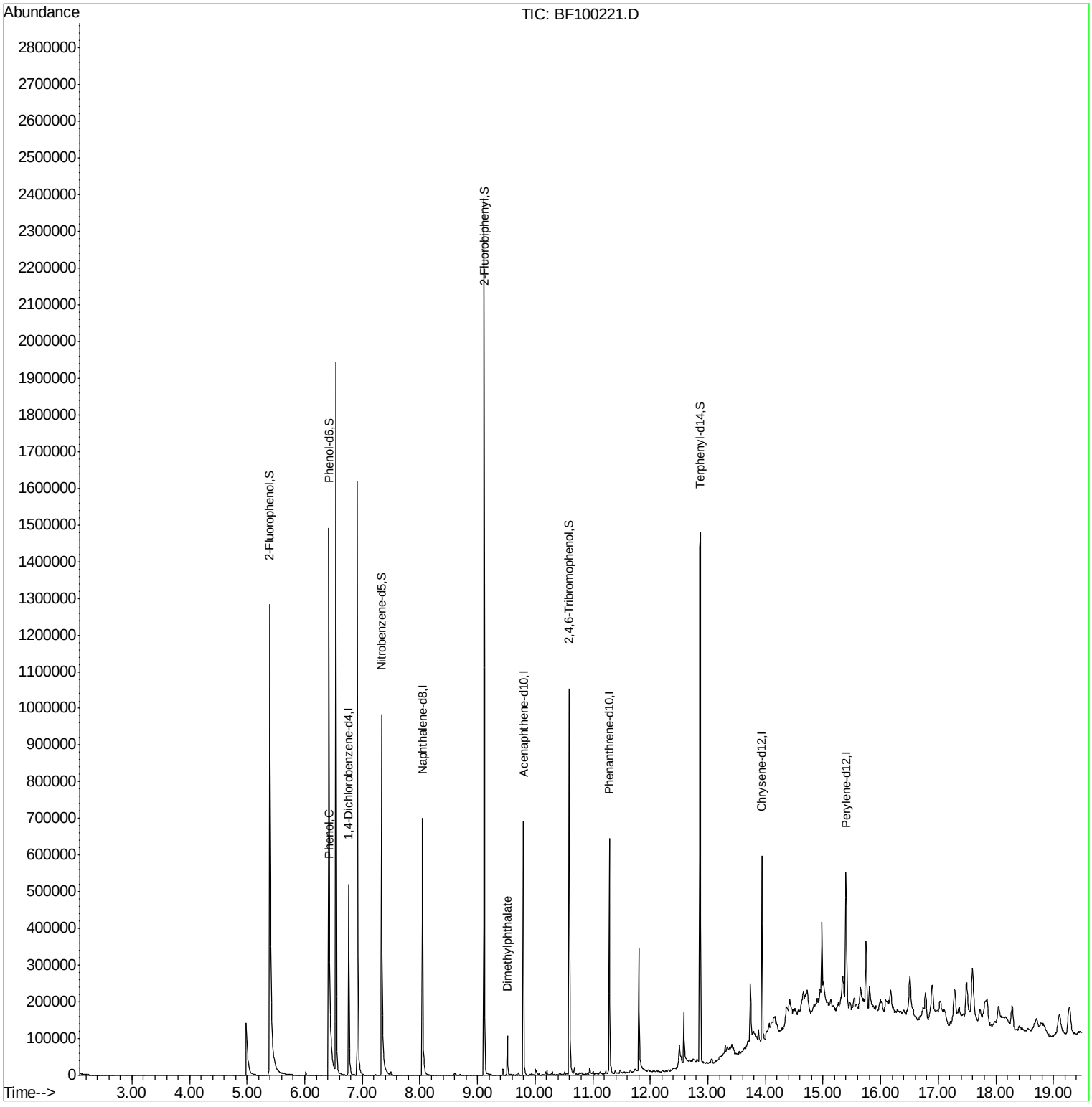
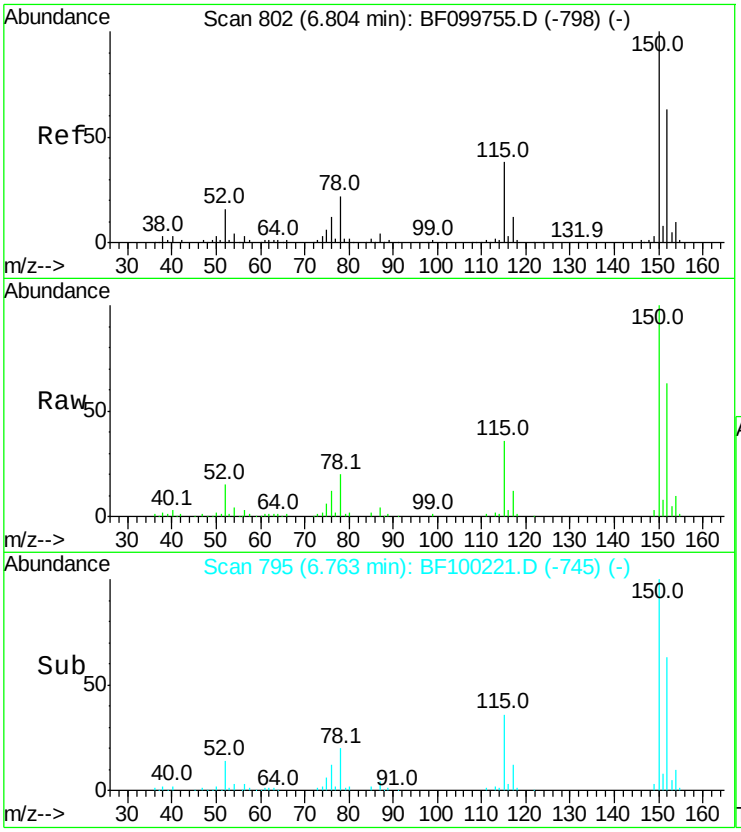


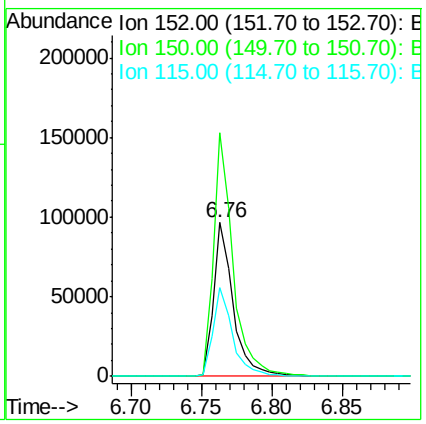


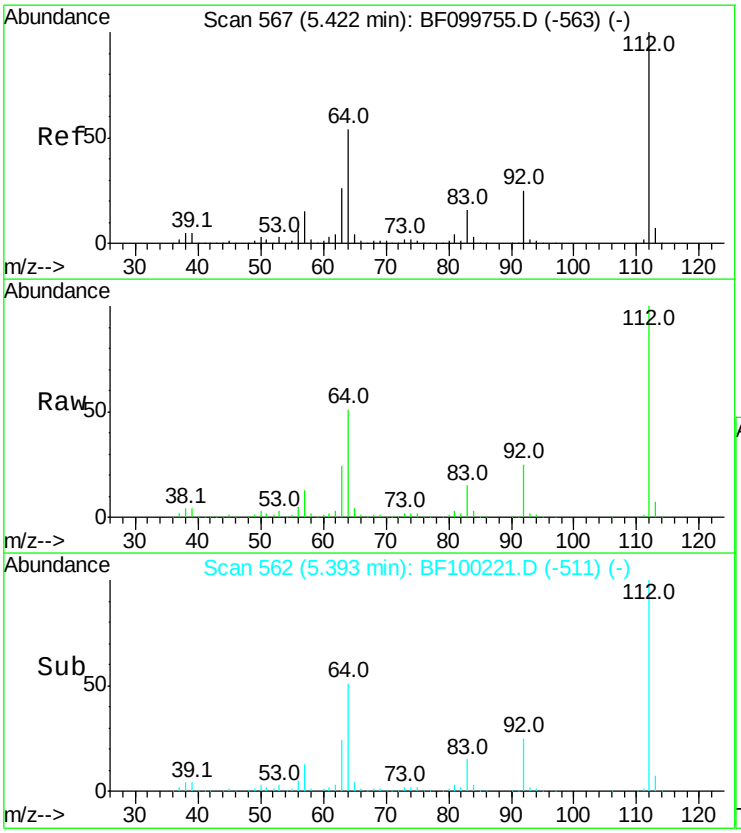
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:152 Resp: 92811

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	57.5	50.1	75.1

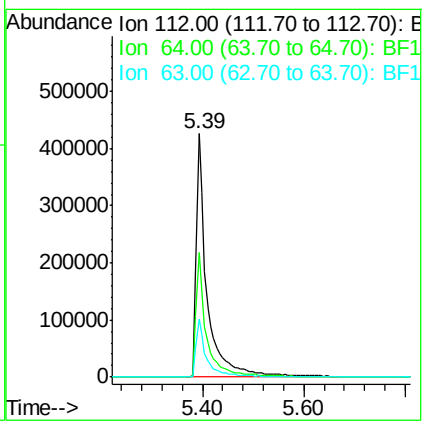


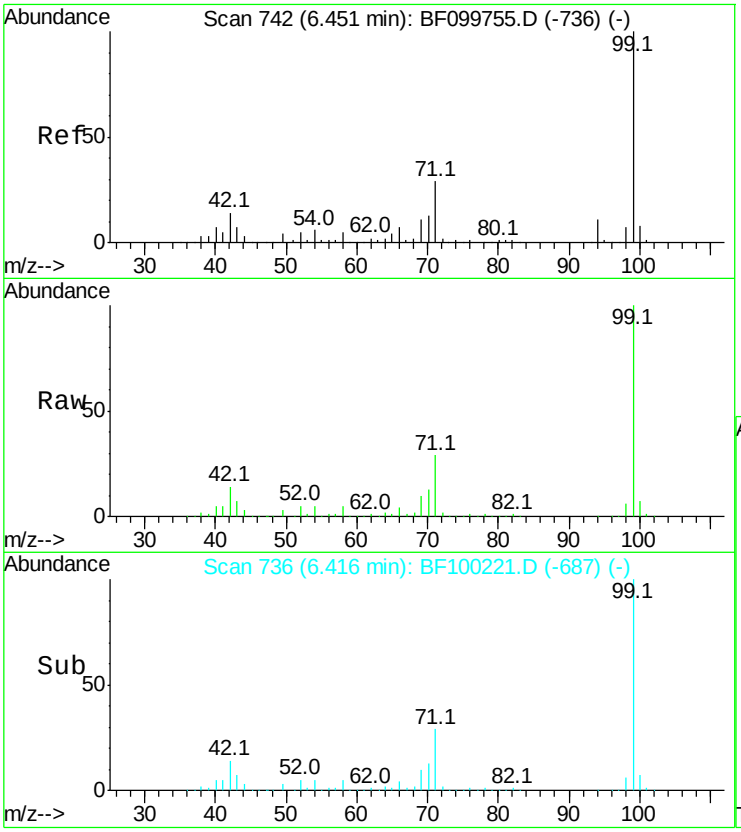


#5
2-Fluorophenol
Concen: 106.562 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:112 Resp: 629957

Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	24.0	23.7	35.5



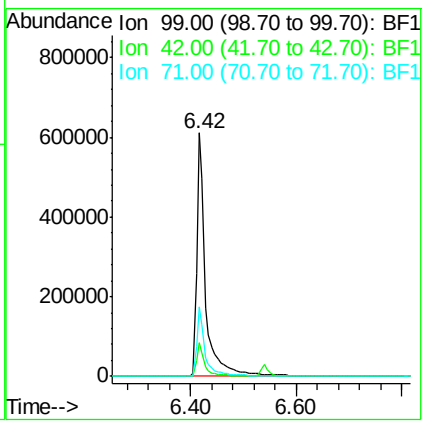


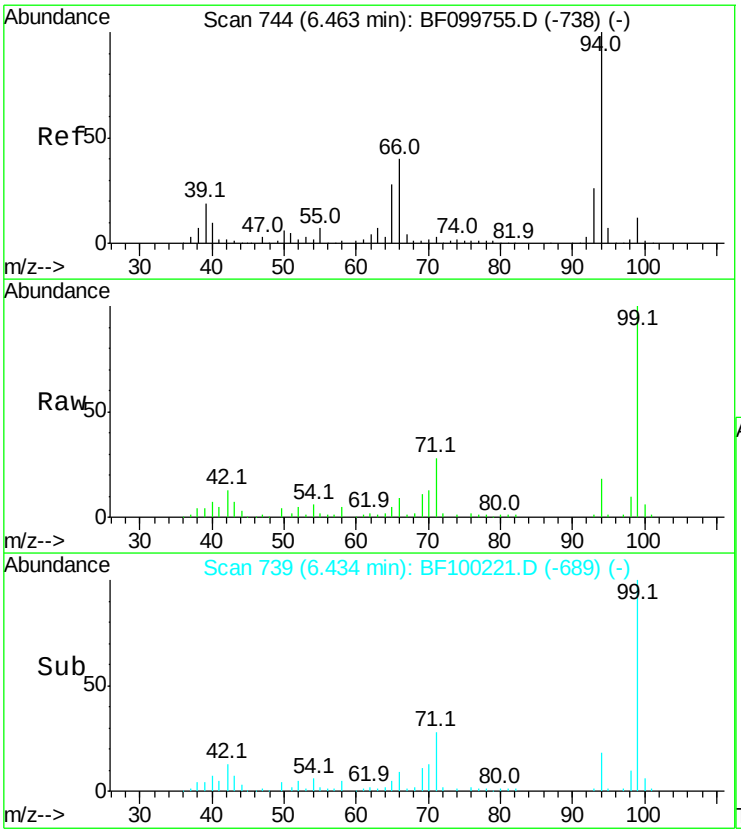
#7
Phenol-d6
Concen: 104.395 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion: 99 Resp: 731761

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	28.8	25.4	38.0

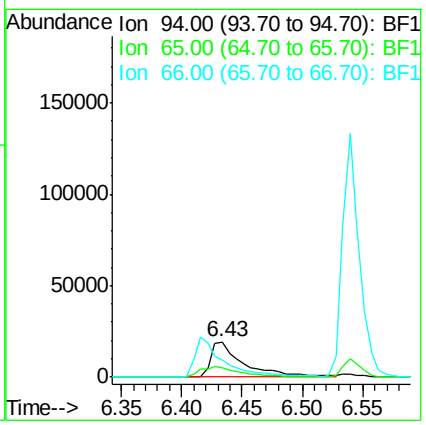


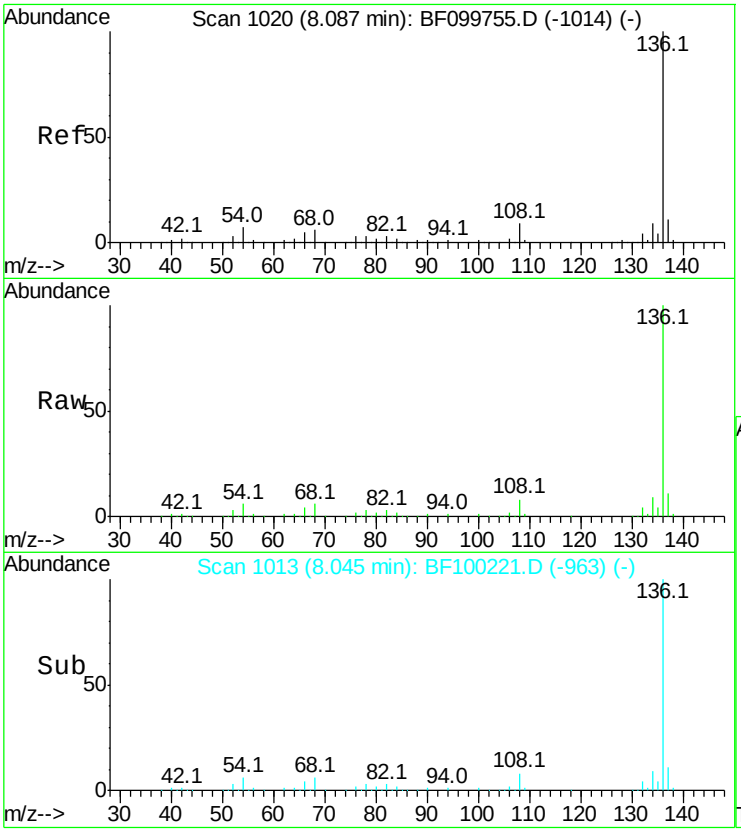


#10
Phenol
Concen: 4.745 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion: 94 Resp: 36517

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	47.8	16.2	56.2



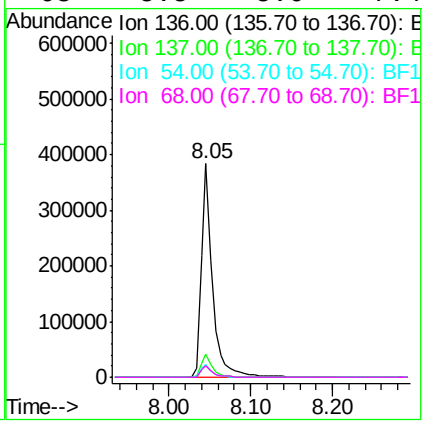


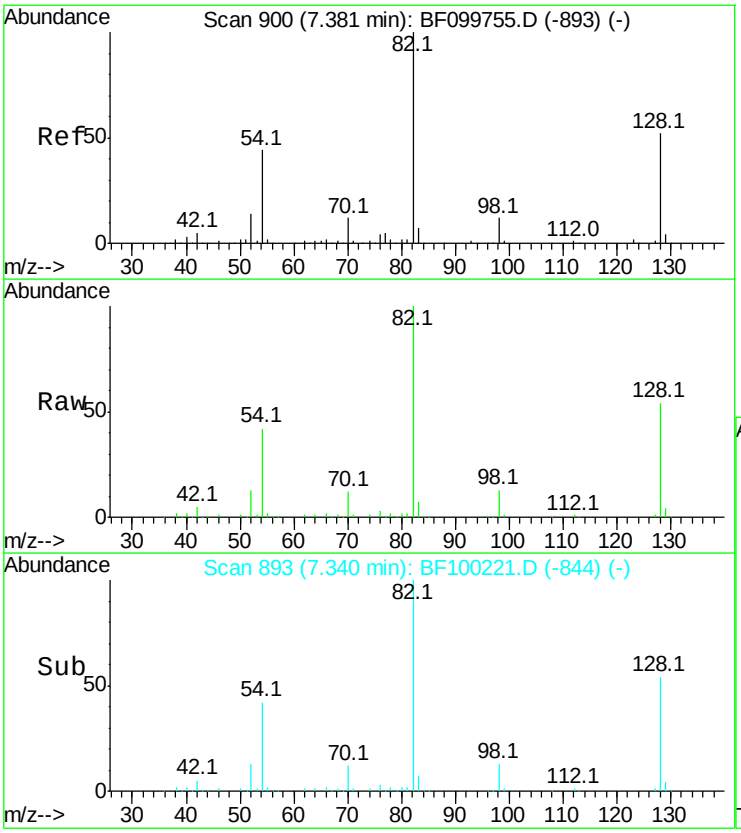
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:136 Resp: 369415

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.5	5.0	7.4

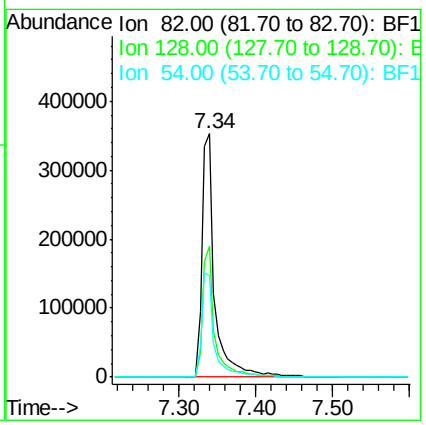


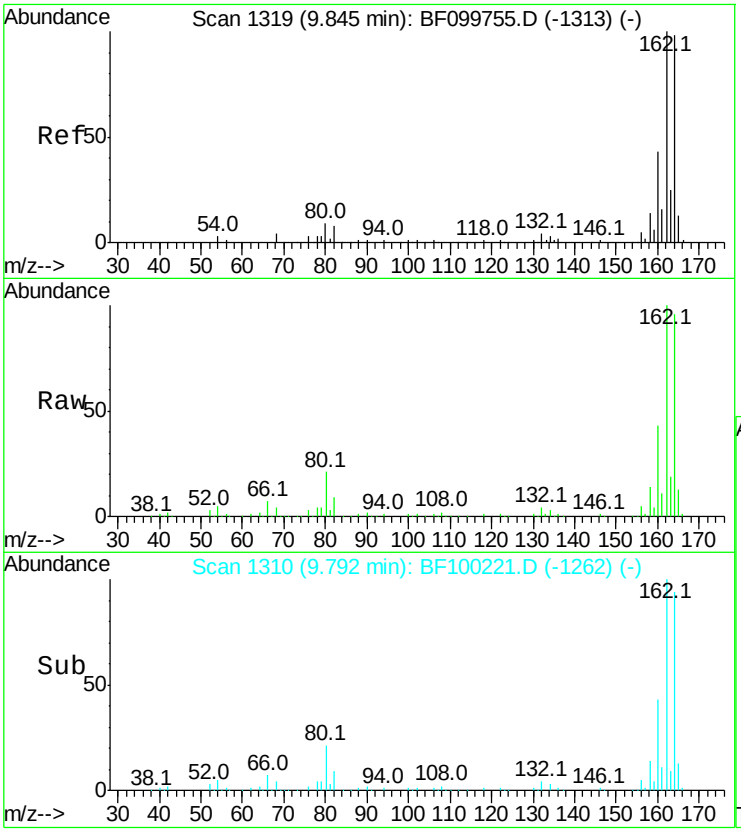


#23
Nitrobenzene-d5
Concen: 70.878 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion: 82 Resp: 406700

Ion	Ratio	Lower	Upper
82	100		
128	54.0	36.1	54.1
54	41.6	41.4	62.2



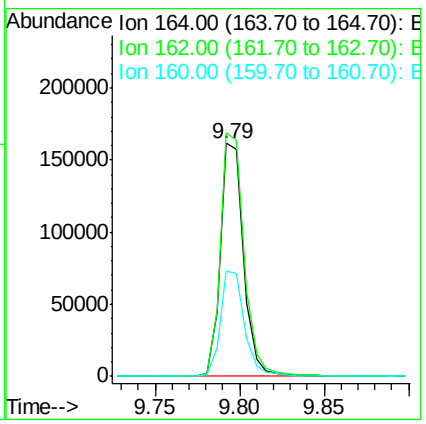


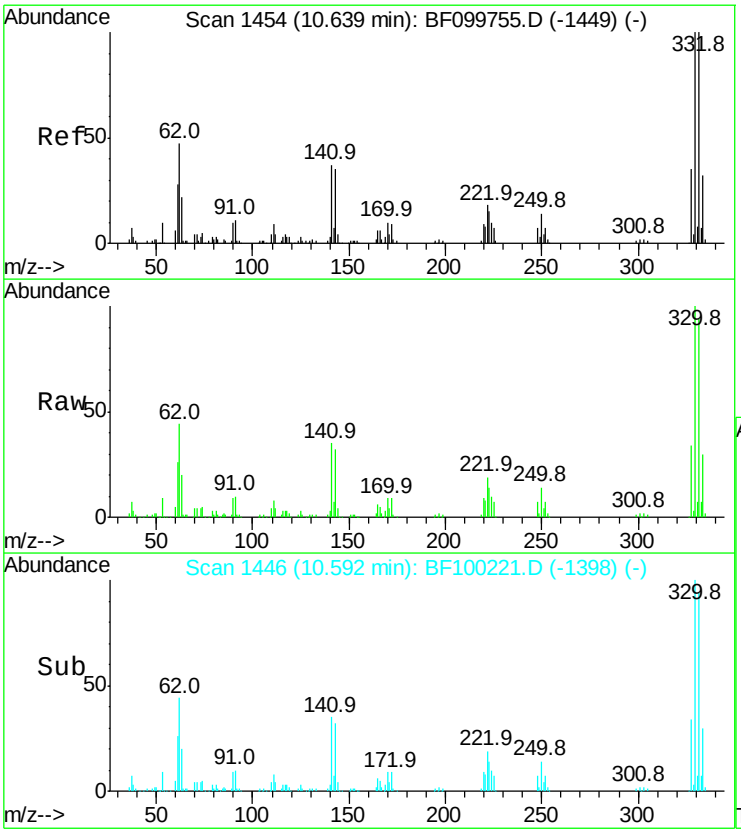
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:164 Resp: 155121

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	45.4	38.3	57.5

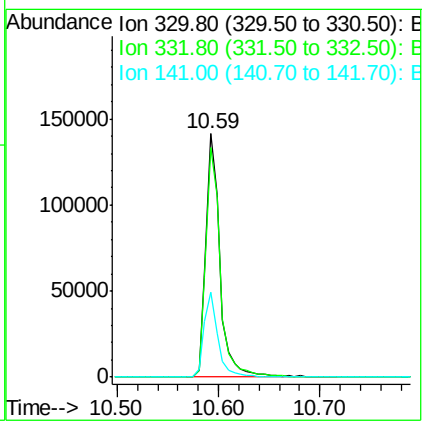


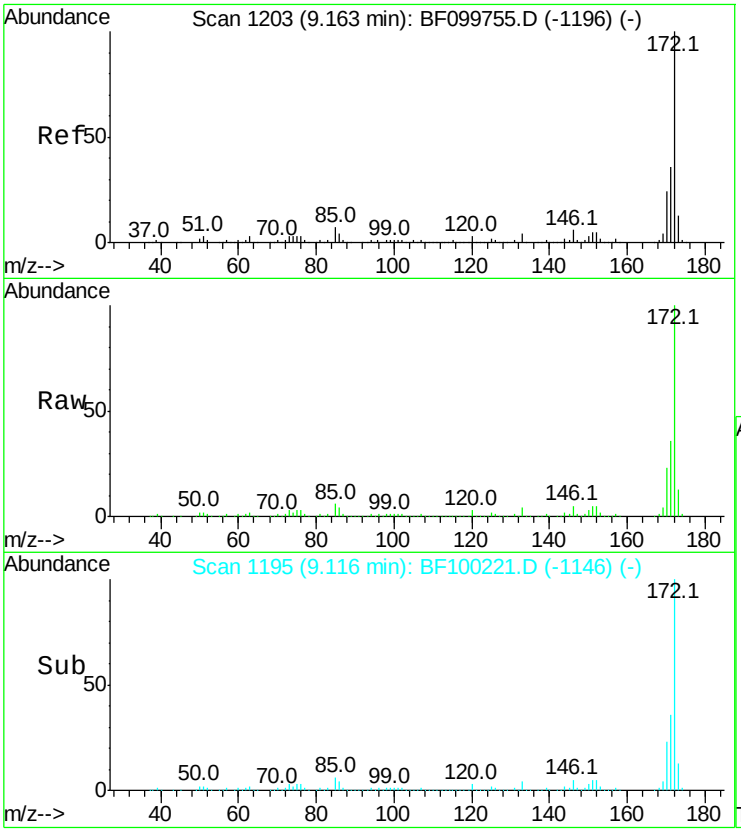


#41
2,4,6-Tribromophenol
Concen: 96.464 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:330 Resp: 136365

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.0	29.9	44.9



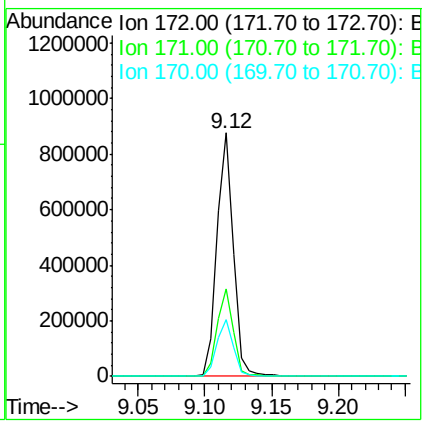


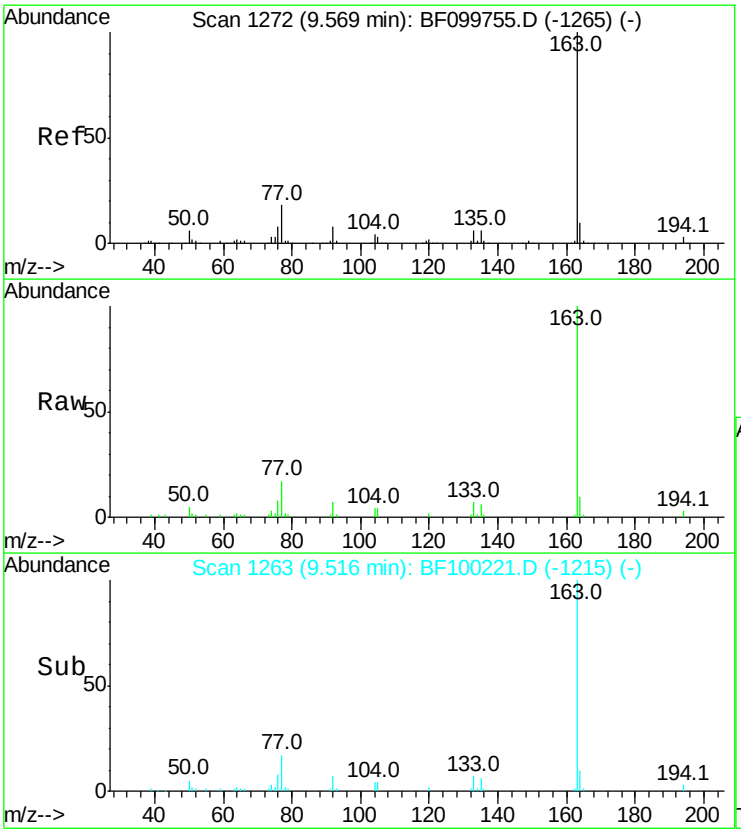
#44
2-Fluorobiphenyl
Concen: 76.348 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:172 Resp: 767618

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.3	19.6	29.4

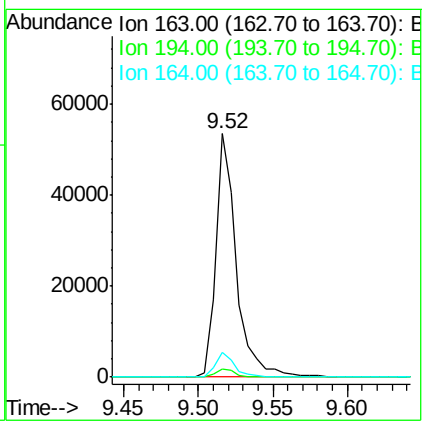


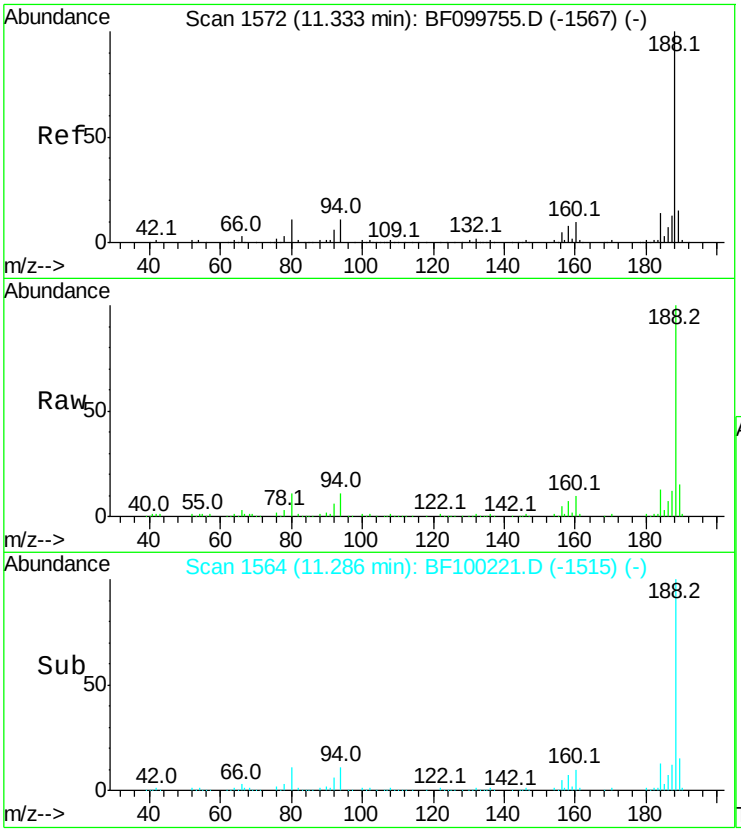


#49
Dimethylphthalate
Concen: 4.165 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:163 Resp: 51160

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2



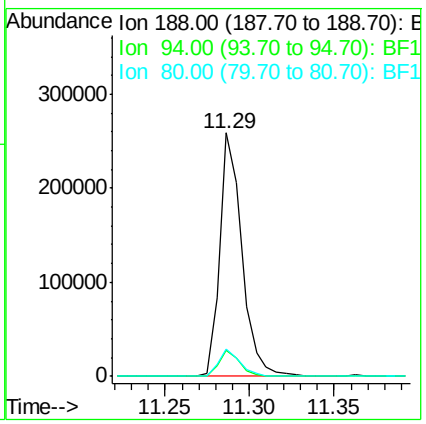


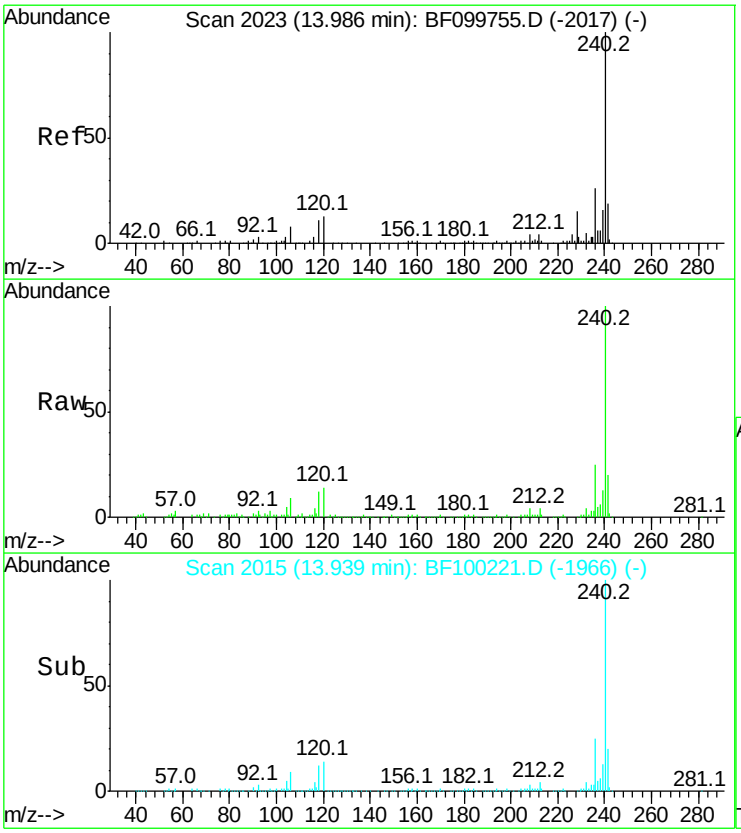
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:188 Resp: 237352

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

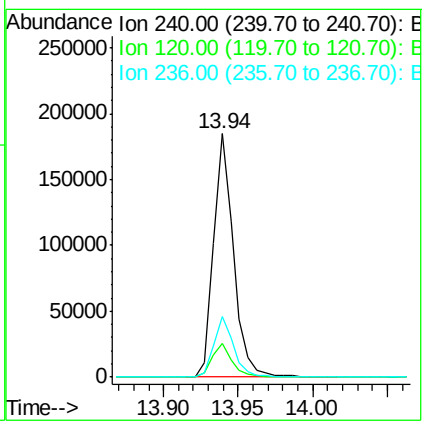


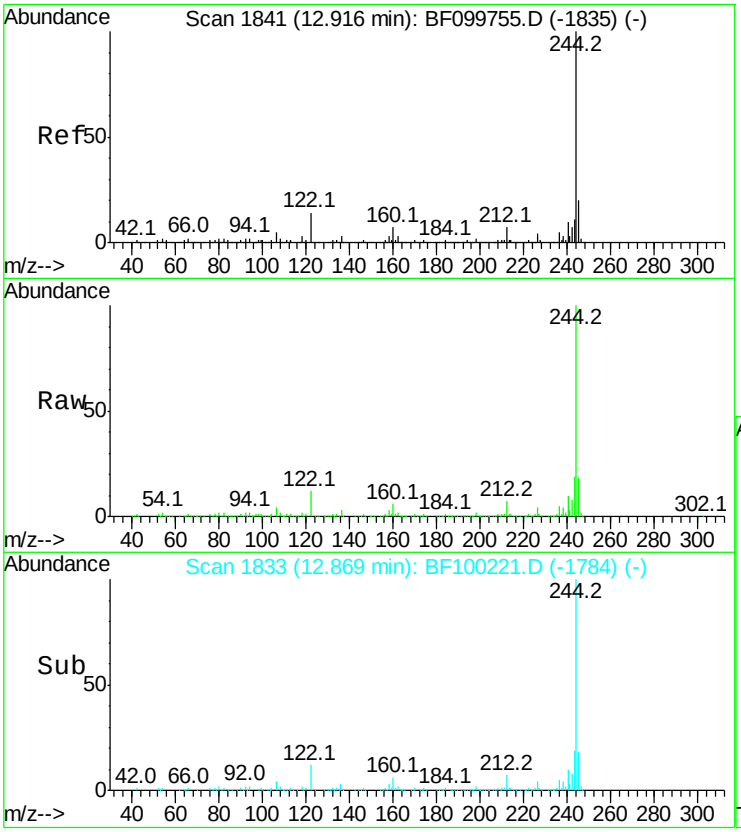


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:240 Resp: 172055

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	24.6	20.7	31.1



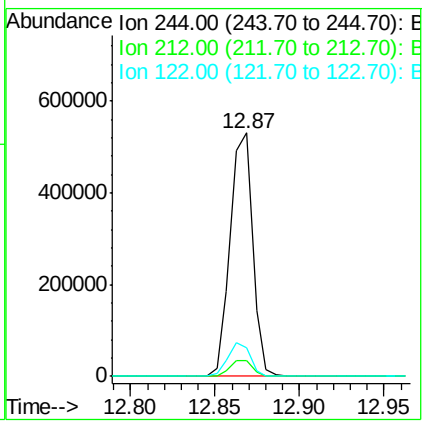


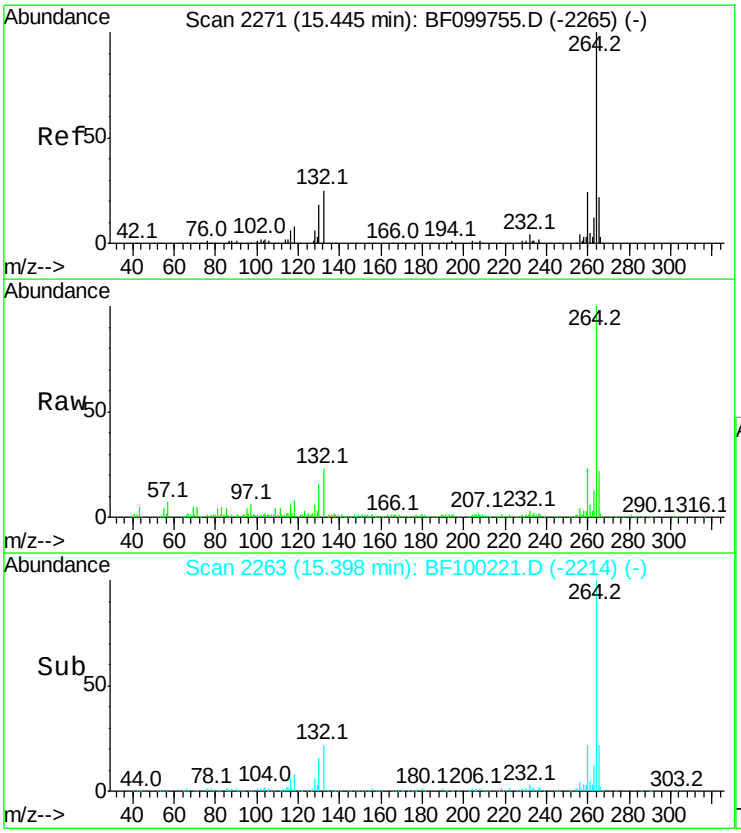
#78
Terphenyl-d14
Concen: 62.340 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF100221.D
Acq: 5 Nov 2017 14:04

Instrument :
BNA_F
ClientSampleId :
P001-S001-0001-01

Tgt Ion:244 Resp: 490804

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	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: BF100221.D
Acq: 5 Nov 2017 14:04

Tgt Ion:264 Resp: 177247

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	17.5	26.3