Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100474.D
Acq On : 12 Nov 2017 7:29
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110717-TIDO-F-D-B

Quant Time: Nov 13 06:06:50 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	143215	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	530914	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	216548	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	340020	20.00	ng		0.00
75) Chrysene-d12	14.06	240	295417	20.00	ng		0.00
86) Perylene-d12	15.54	264	210605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	412581	46.18	ng		0.00
7) Phenol-d6	6.52	99	319664	29.02	ng		-0.01
23) Nitrobenzene-d5	7.47	82	856978	106.72	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	177280	80.34	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1412639	99.33	ng		0.00
78) Terphenyl-d14	13.01	244	1010019	78.56	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.53	94	24273	2.099	ng		95
31) Naphthalene	8.20	128	218708	8.553	ng		100
37) 2-Methylnaphthalene	8.89	142	66533	3.919	ng		97
49) Dimethylphthalate	9.65	163	37357	2.259	ng	#	98
51) Acenaphthene	9.97	154	138718	10.129	ng		99
54) Dibenzofuran	10.14	168	126522	6.592	ng		99
57) Fluorene	10.49	166	124476	8.853	ng		98
70) Phenanthrene	11.45	178	331453	18.514	ng		97
71) Anthracene	11.50	178	39306	2.164	ng		99
74) Fluoranthene	12.63	202	105169	5.543	ng		99
77) Pyrene	12.86	202	65061	3.090	ng		98

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100474.D
Acq On : 12 Nov 2017 7:29
Operator : SJ/JU
Sample : I6402-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Quant Time: Nov 13 06:06:50 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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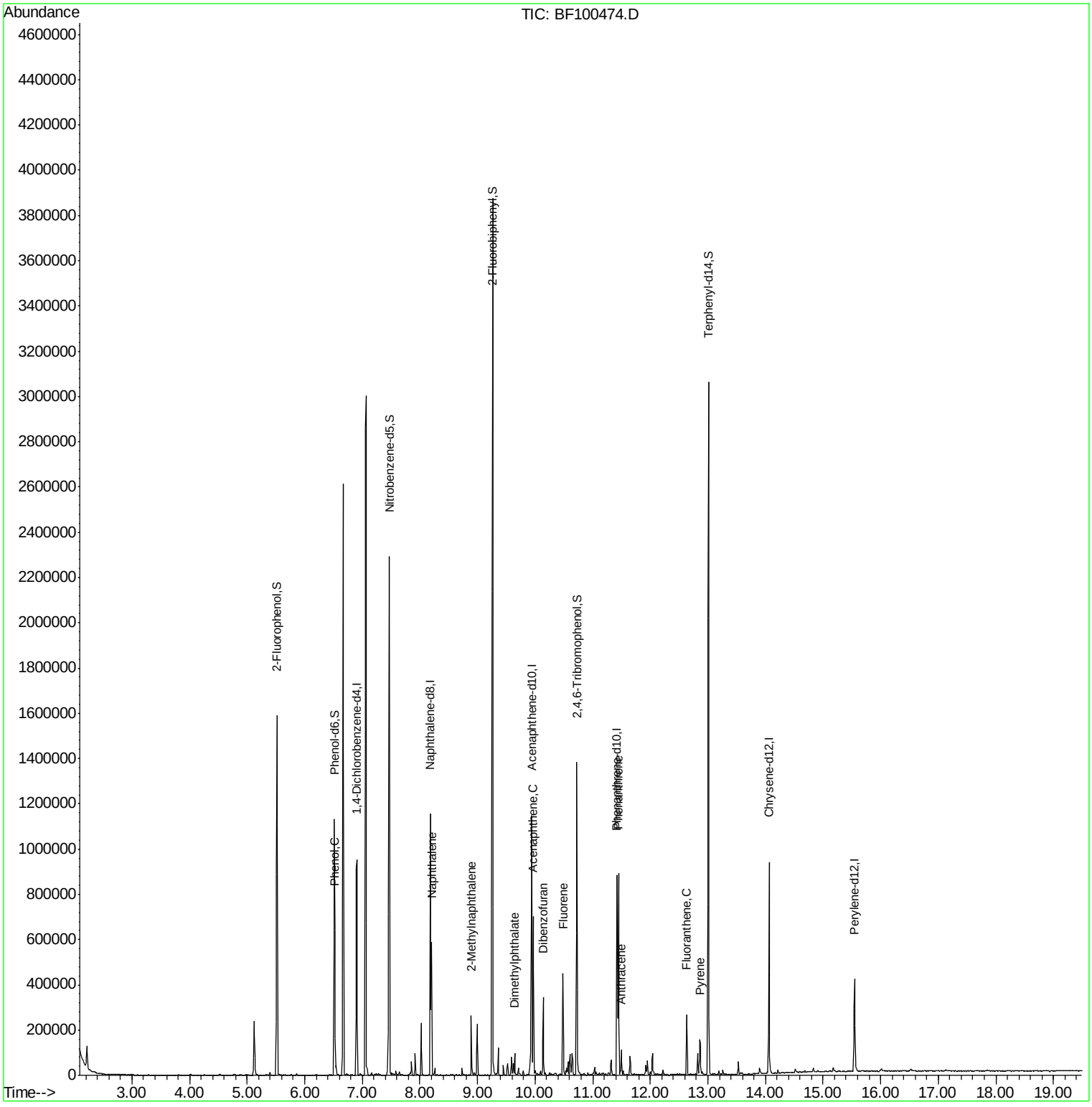
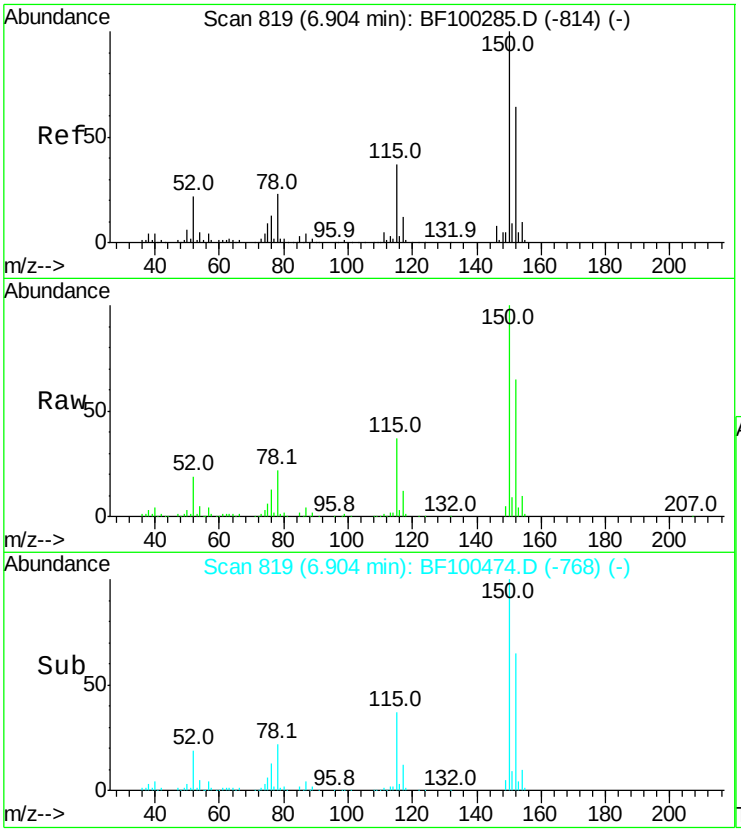


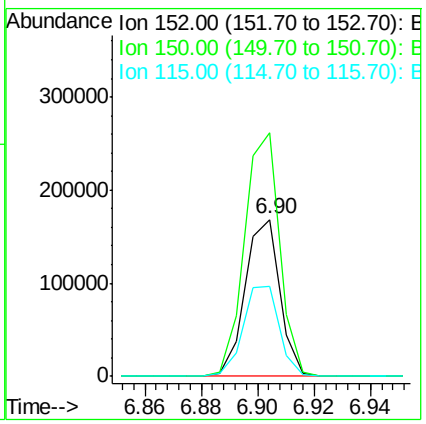


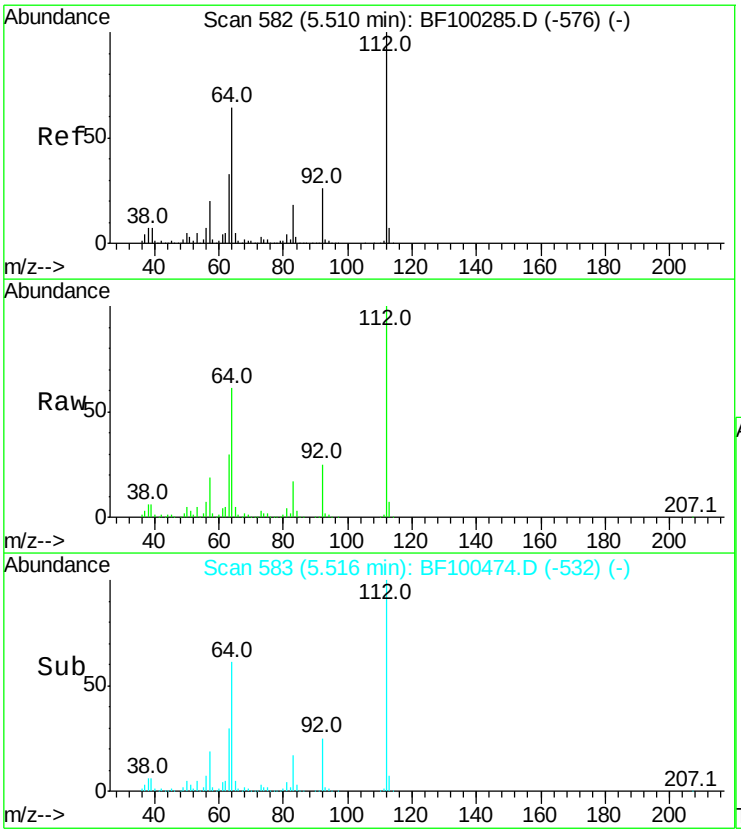
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:152 Resp: 143215

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	57.5	50.1	75.1

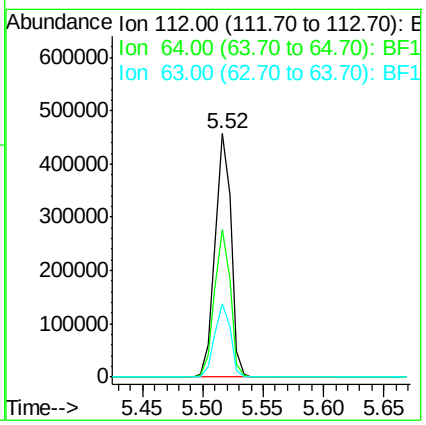


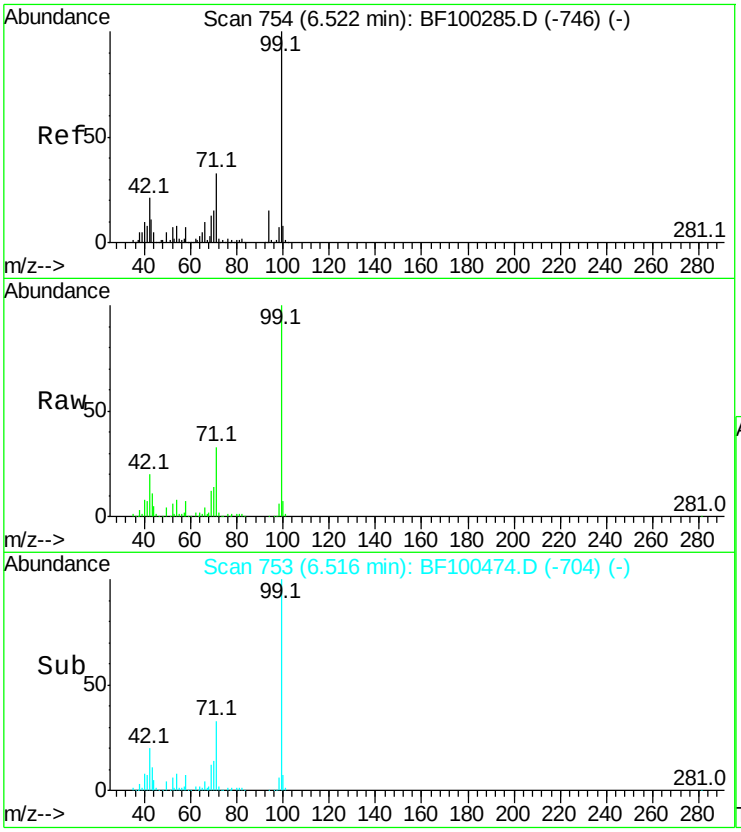


#5
2-Fluorophenol
Concen: 46.180 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:112 Resp: 412581

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	30.2	23.7	35.5



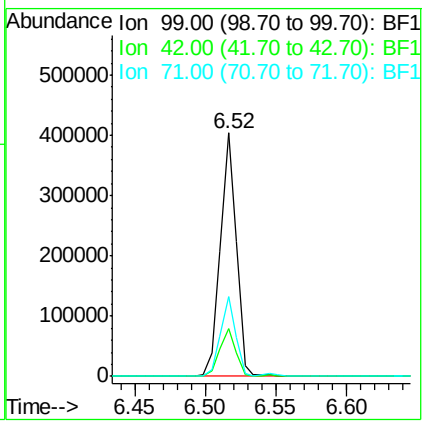


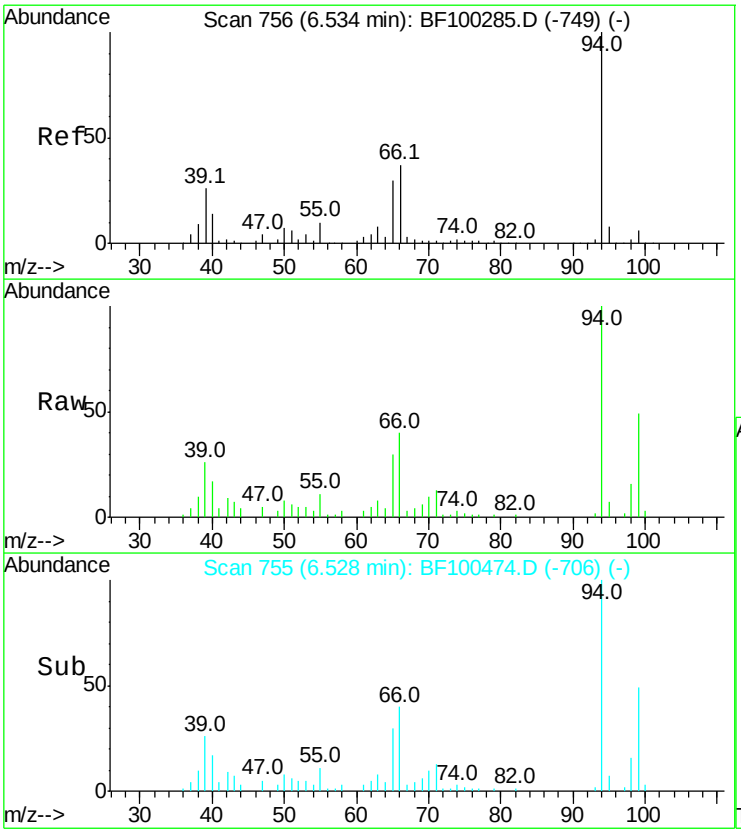
#7
Phenol-d6
Concen: 29.015 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion: 99 Resp: 319664

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.8	25.4	38.0

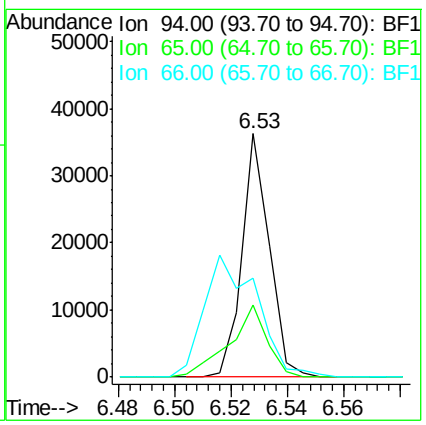


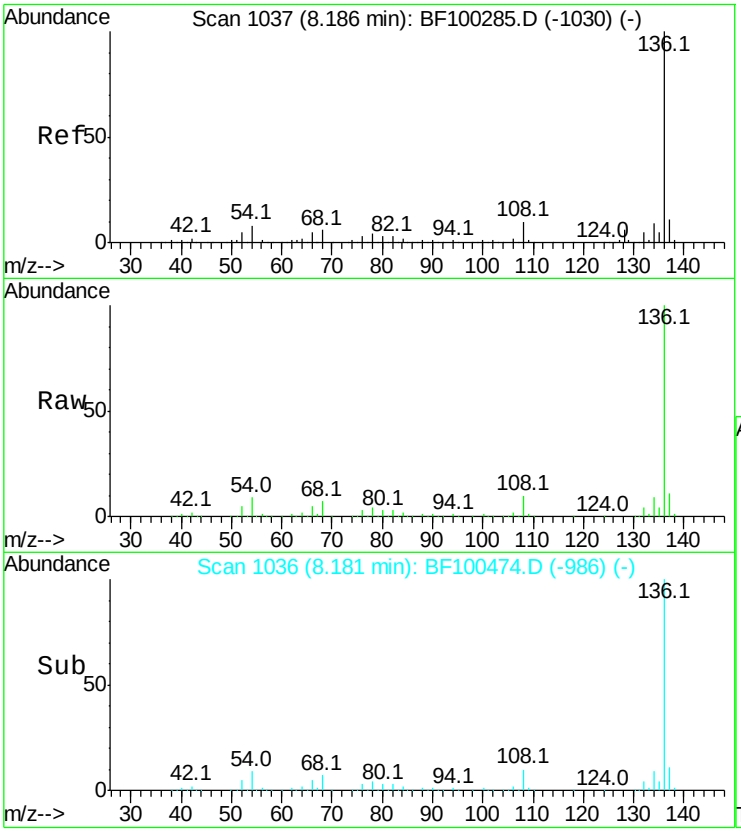


#10
Phenol
Concen: 2.099 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion: 94 Resp: 24273

Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	40.4	16.2	56.2



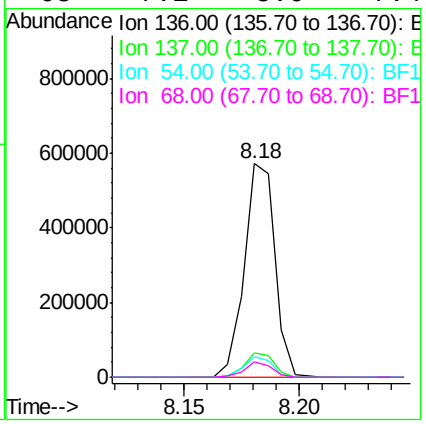


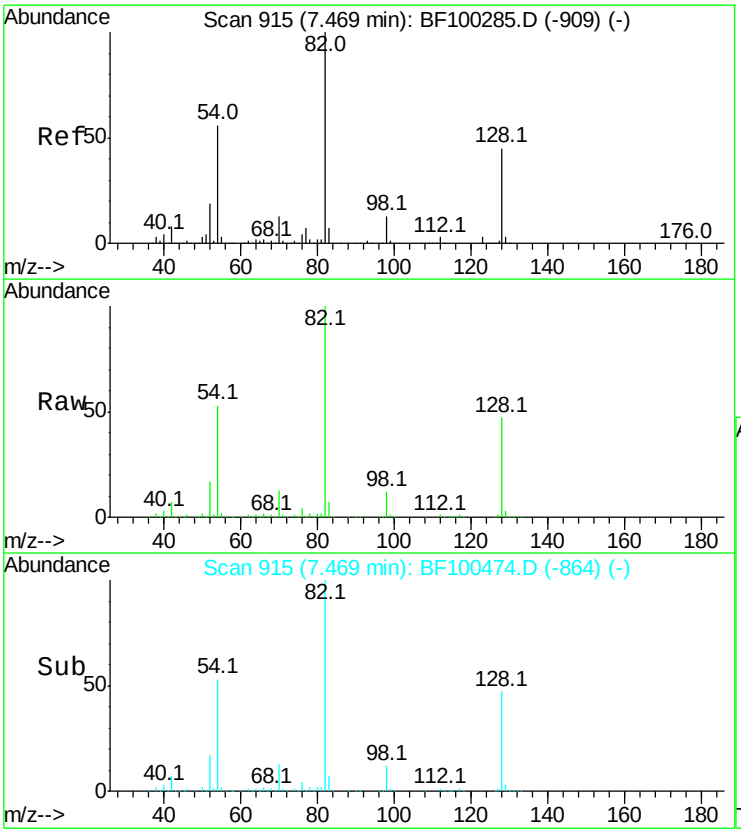
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:136 Resp: 530914

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4

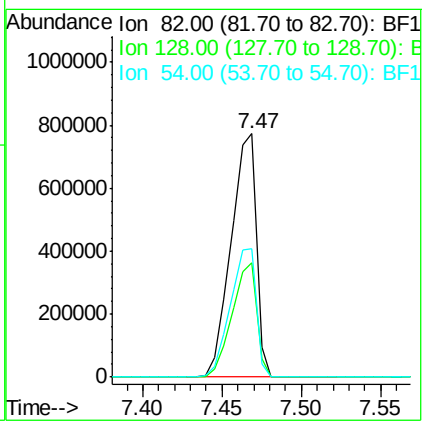


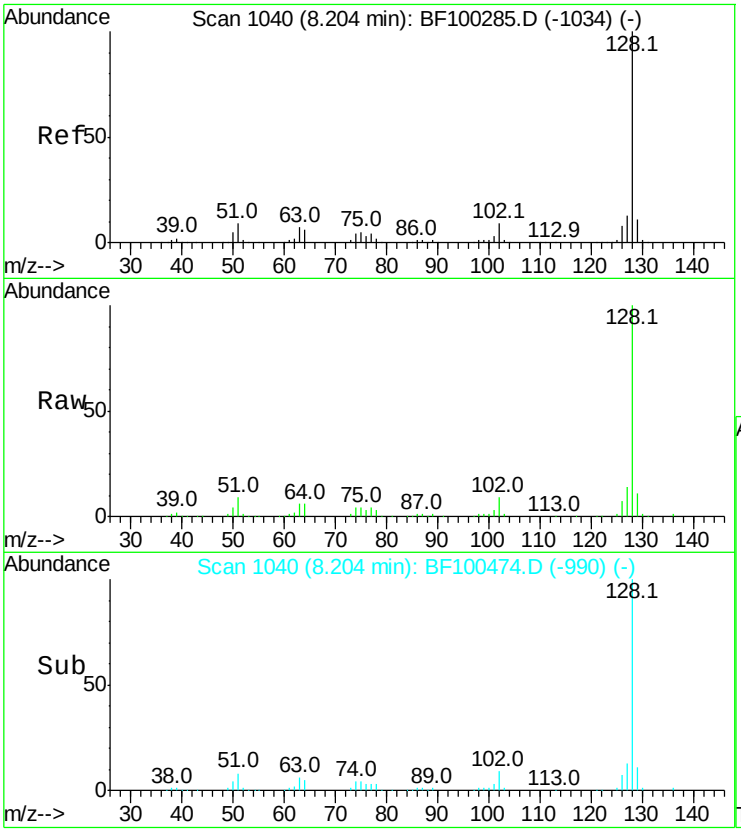


#23
Nitrobenzene-d5
Concen: 106.717 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion: 82 Resp: 856978

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	52.7	41.4	62.2



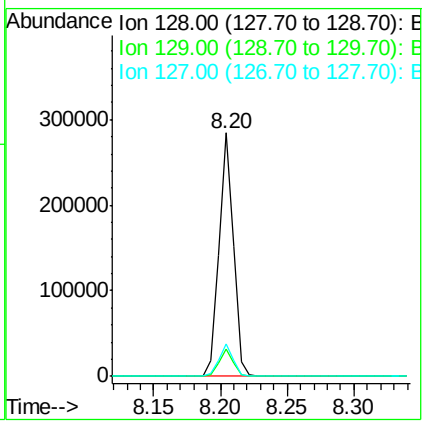


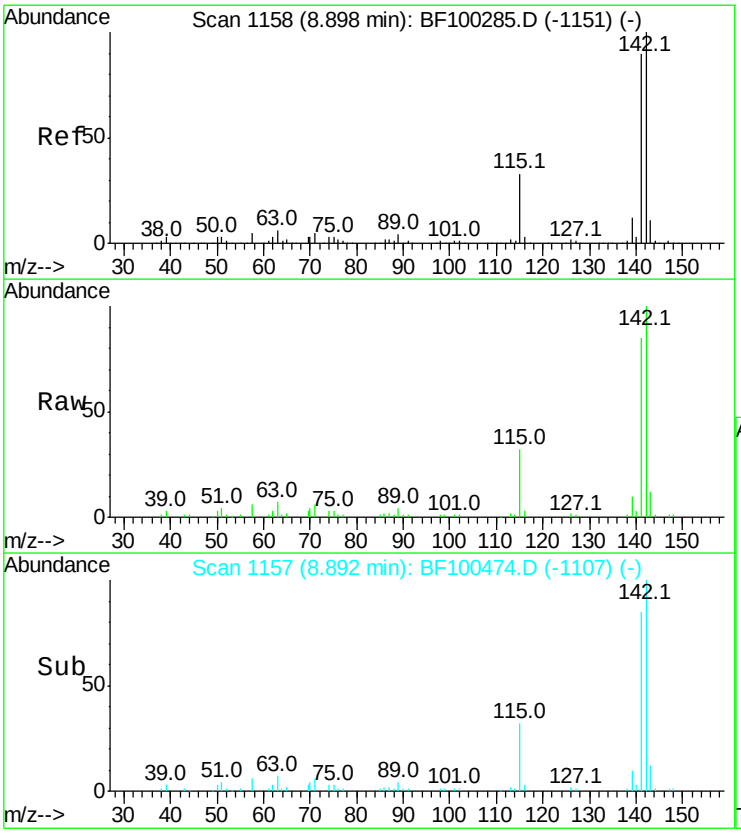
#31
Naphthalene
Concen: 8.553 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:128 Resp: 218708

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.9	16.3

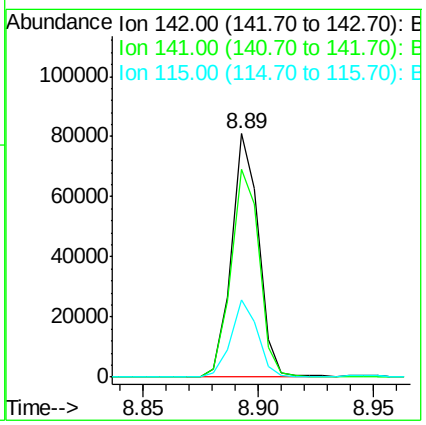


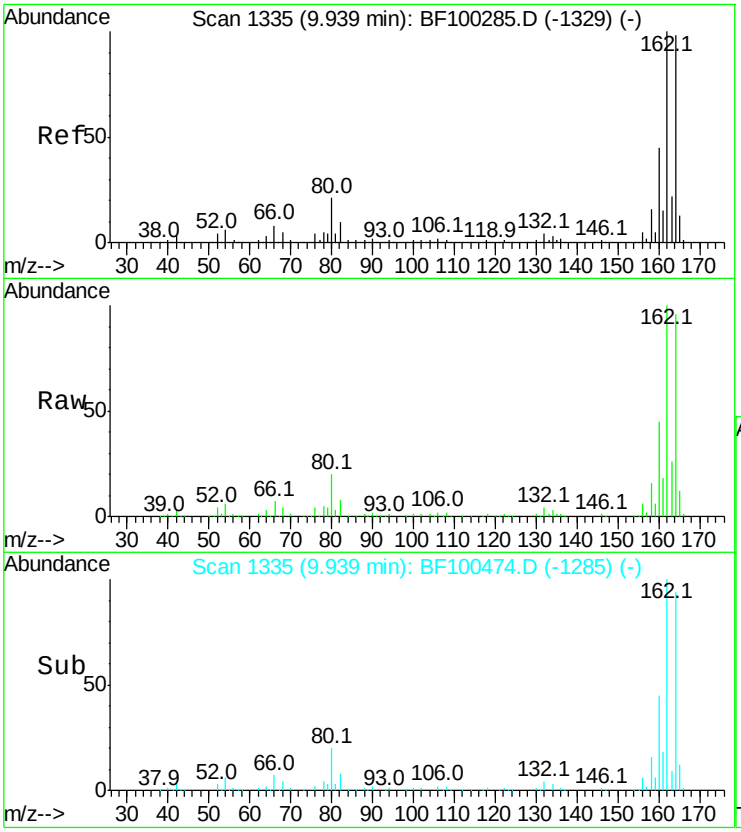


#37
2-Methylnaphthalene
Concen: 3.919 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:142 Resp: 66533

Ion	Ratio	Lower	Upper
142	100		
141	85.4	70.8	106.2
115	31.7	26.1	39.1



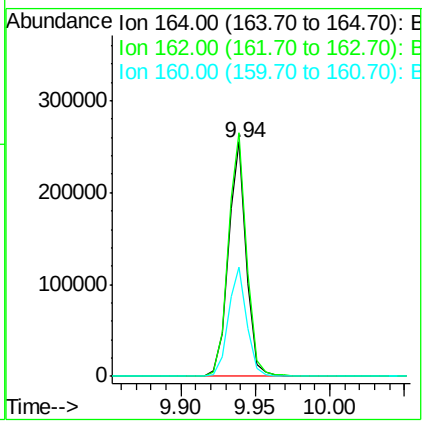


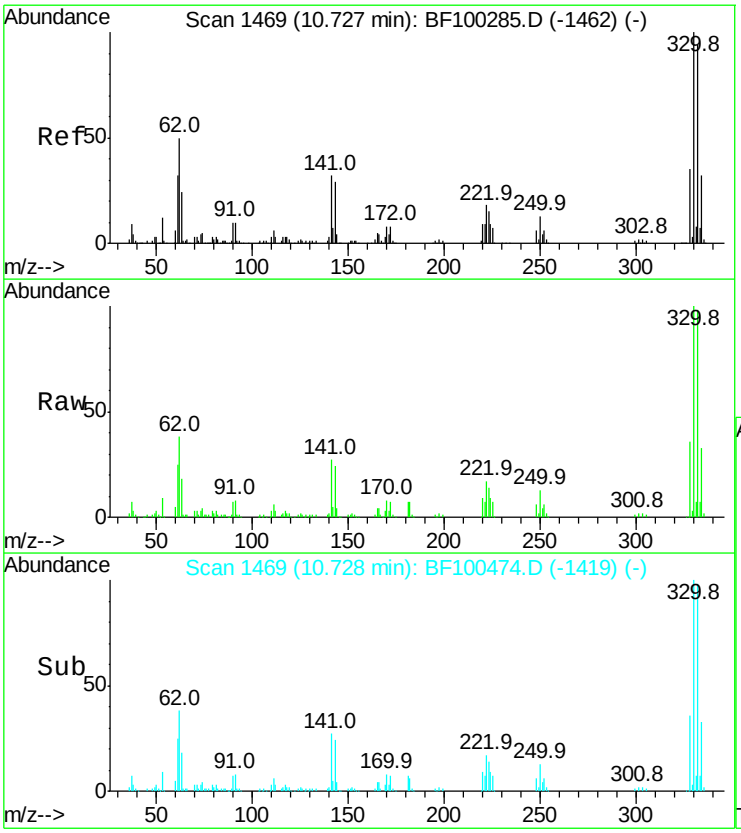
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:164 Resp: 216548

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.5	38.3	57.5

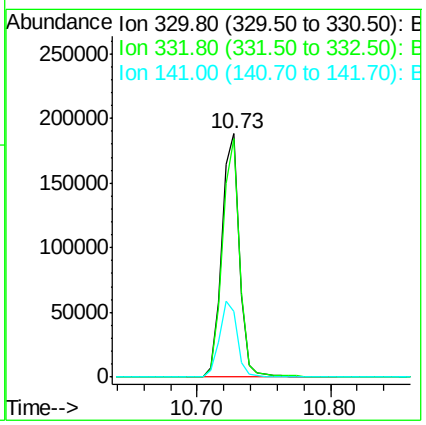


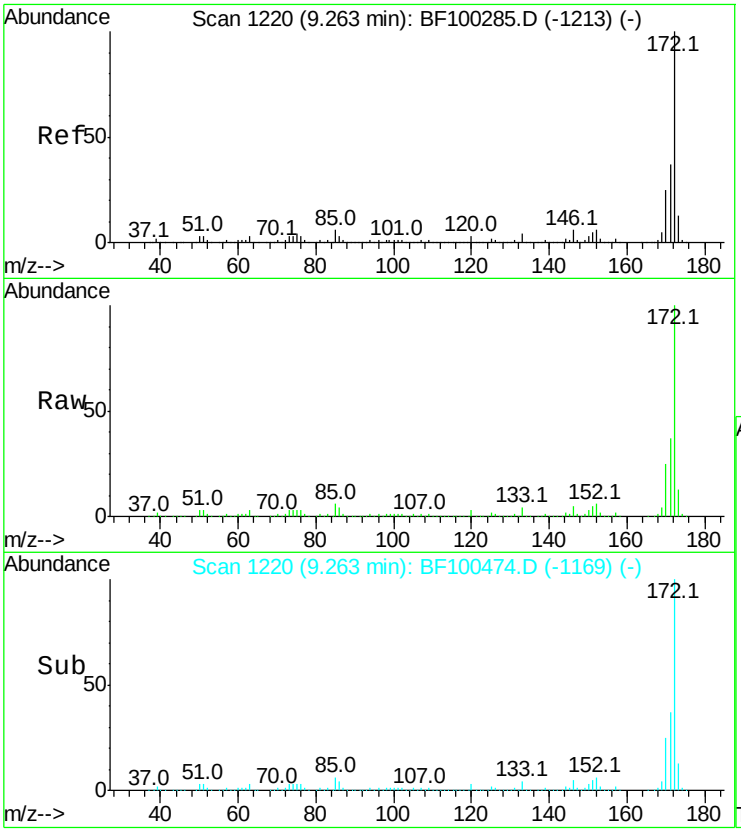


#41
2,4,6-Tribromophenol
Concen: 80.340 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:330 Resp: 177280

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.5	29.9	44.9



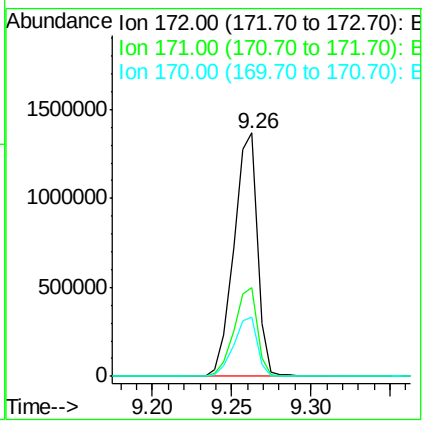


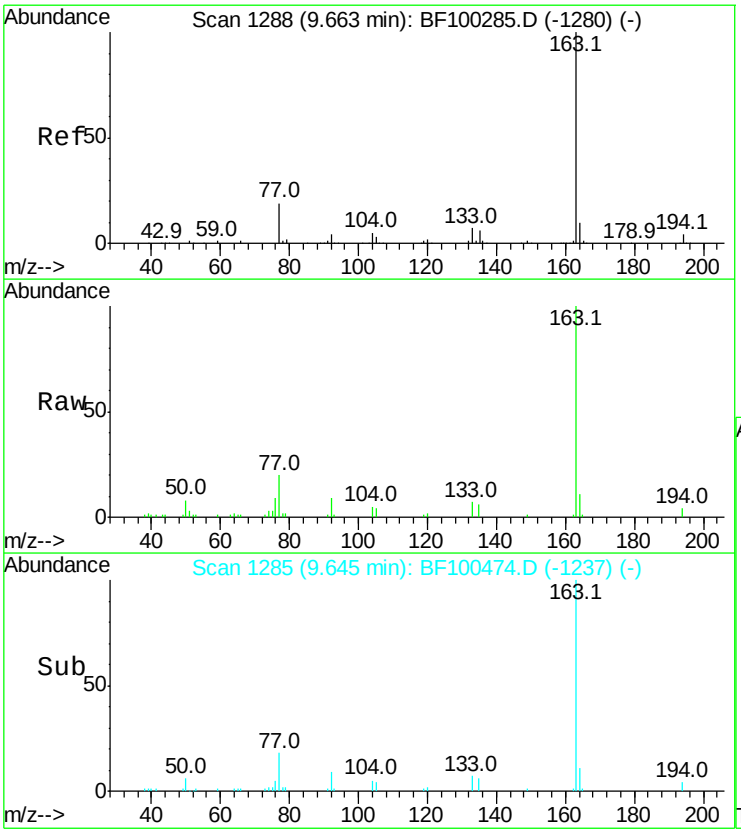
#44
2-Fluorobiphenyl
Concen: 99.333 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:172 Resp: 1412639

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.6	19.6	29.4

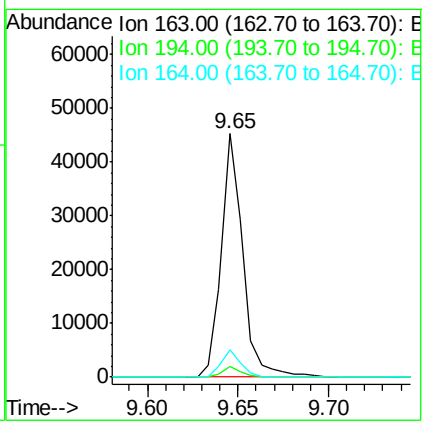


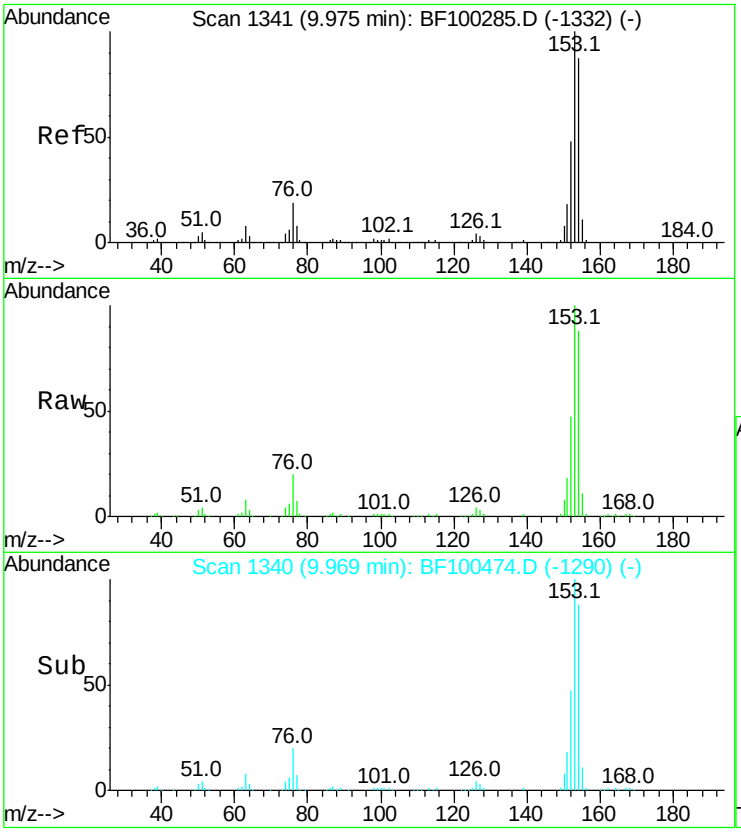


#49
Dimethylphthalate
Concen: 2.259 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:163 Resp: 37357

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.1	8.2	12.2



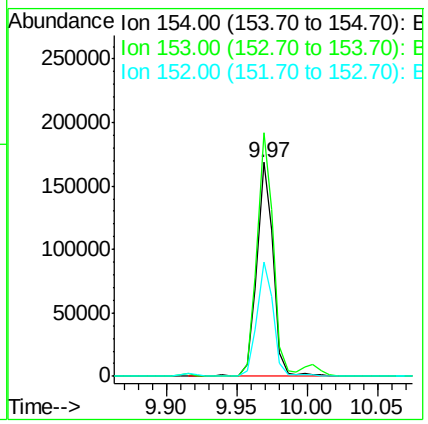


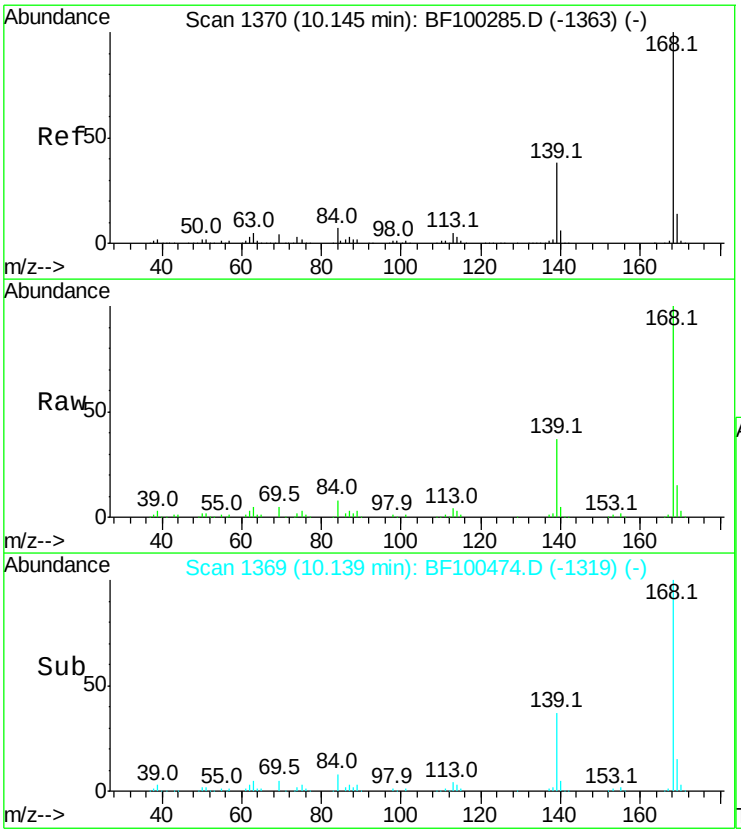
#51
Acenaphthene
Concen: 10.129 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:154 Resp: 138718

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.4	43.8	65.8

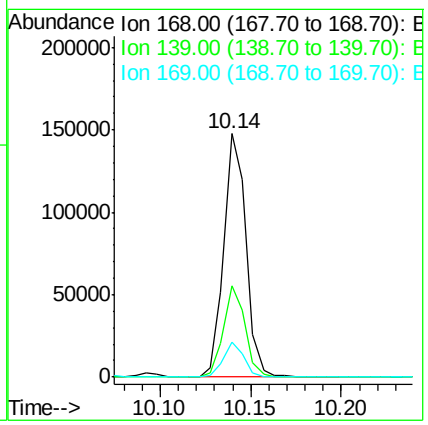


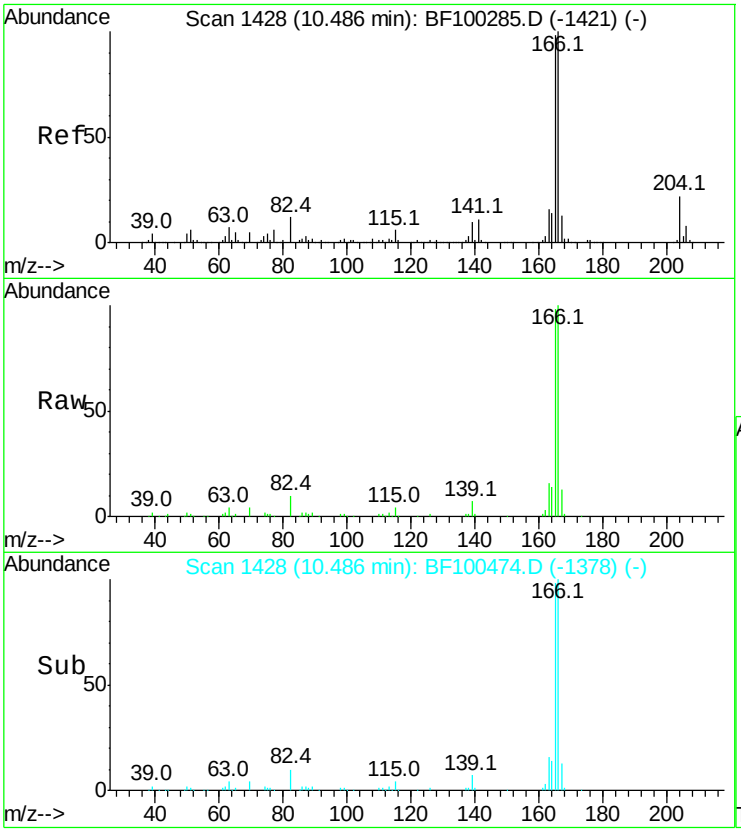


#54
Dibenzofuran
Concen: 6.592 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:168 Resp: 126522

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	14.5	10.9	16.3



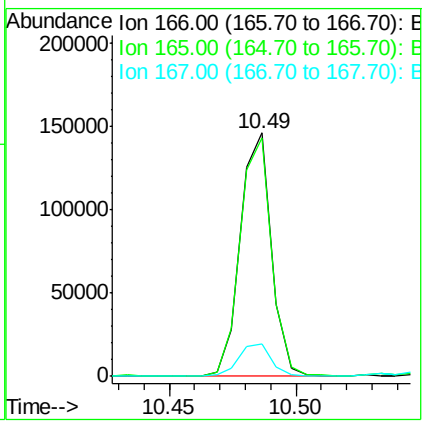


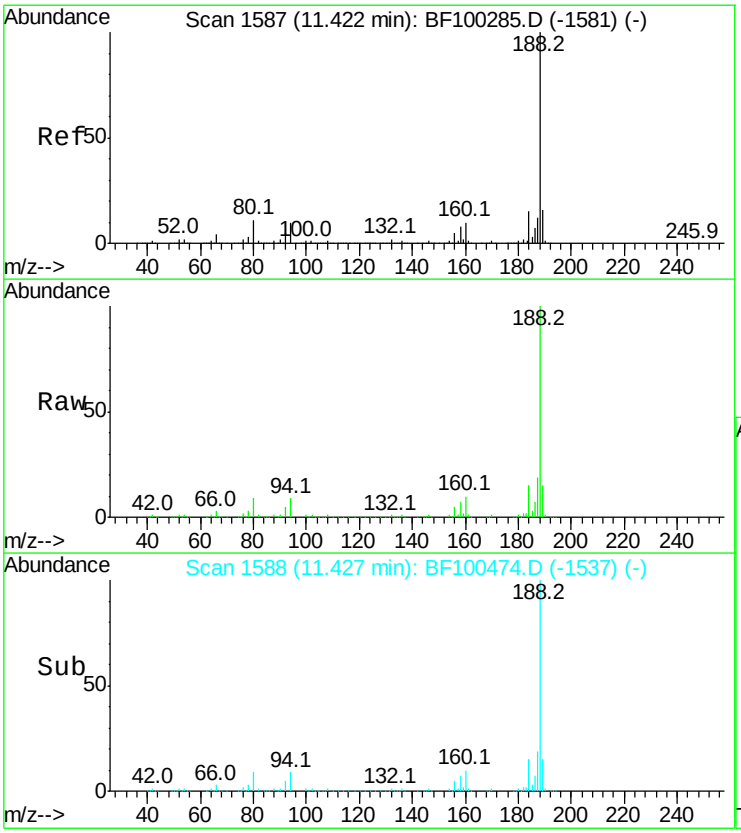
#57
Fluorene
Concen: 8.853 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:166 Resp: 124476

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.4	10.6	16.0

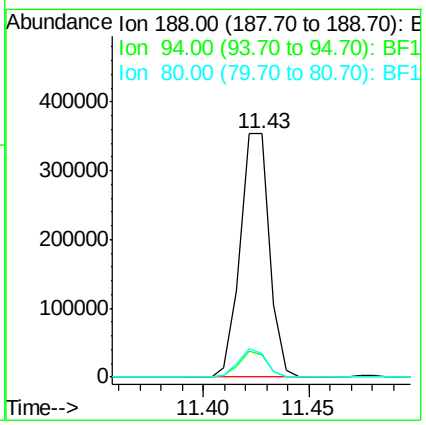


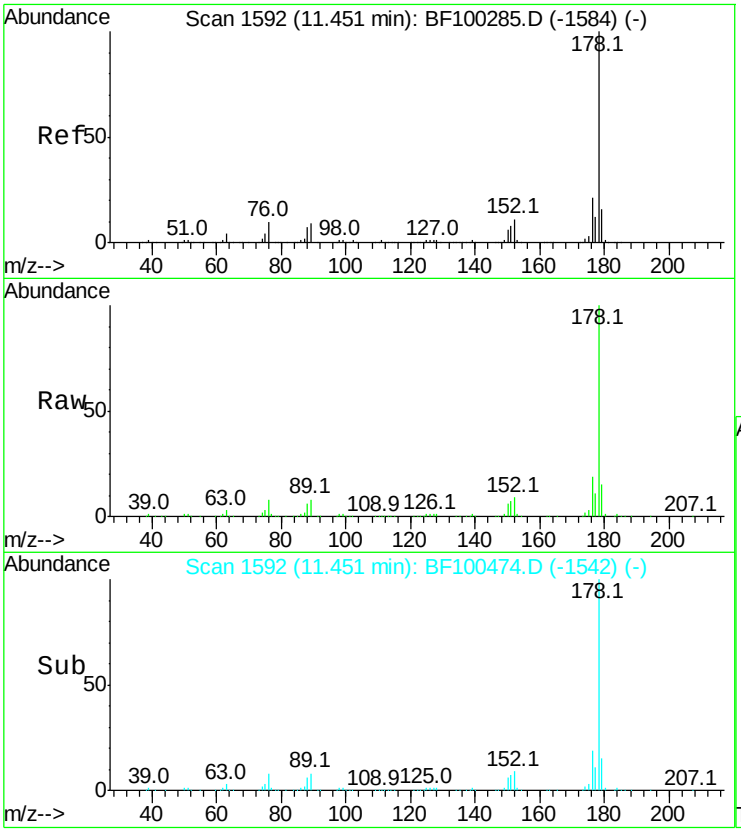


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:188 Resp: 340020

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8



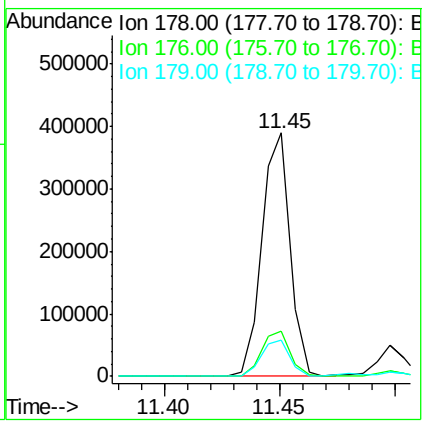


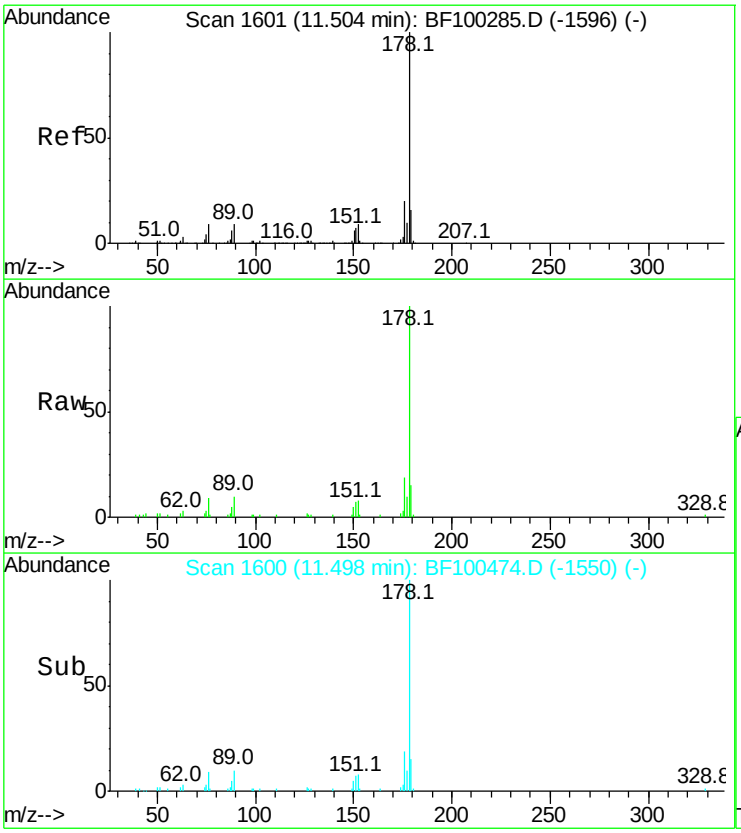
#70
Phenanthrene
Concen: 18.514 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:178 Resp: 331453

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	13.0	19.6

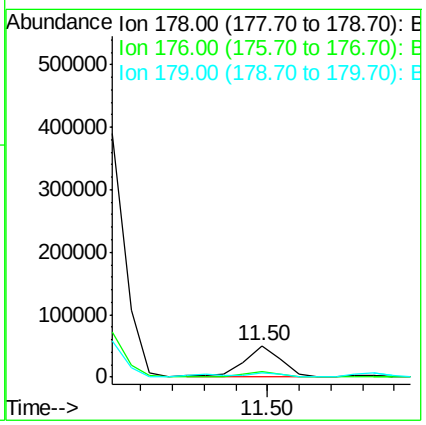


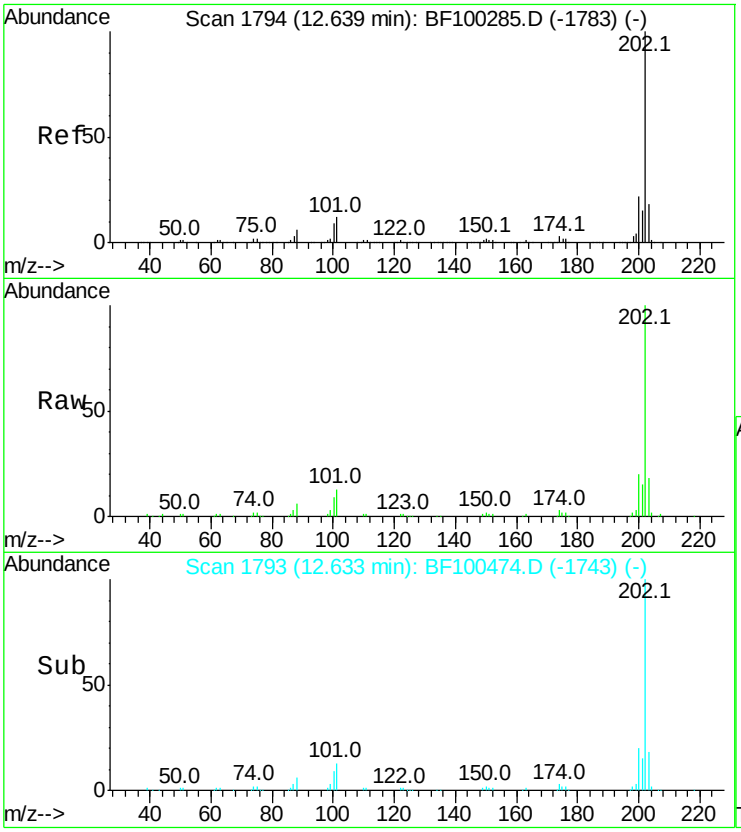


#71
Anthracene
Concen: 2.164 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:178 Resp: 39306

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.0	12.6	19.0



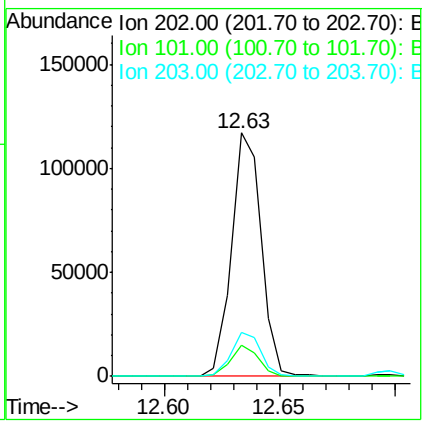


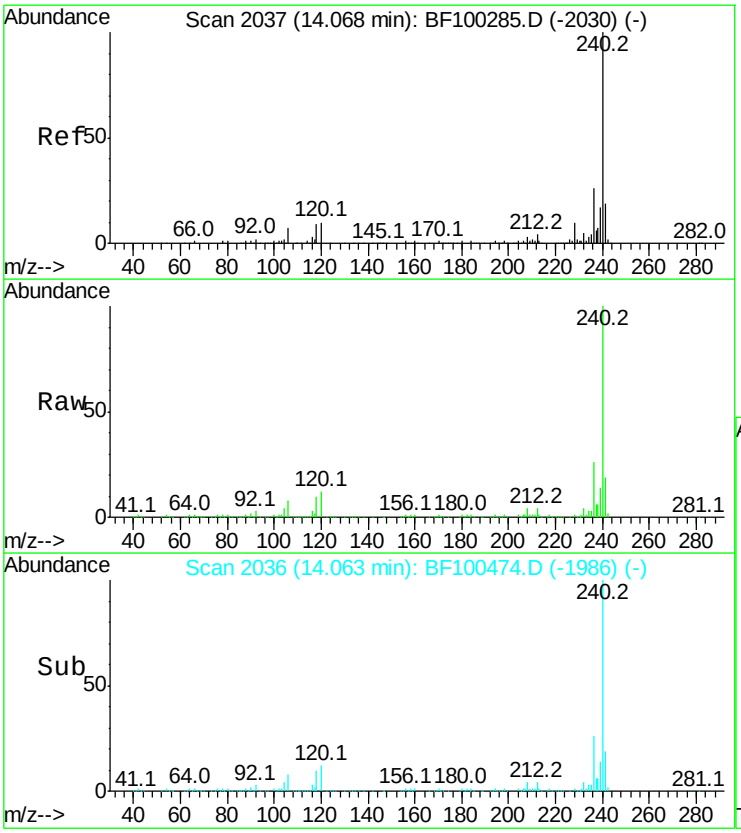
#74
Fluoranthene
Concen: 5.543 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:202 Resp: 105169

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.9	0.0	38.1

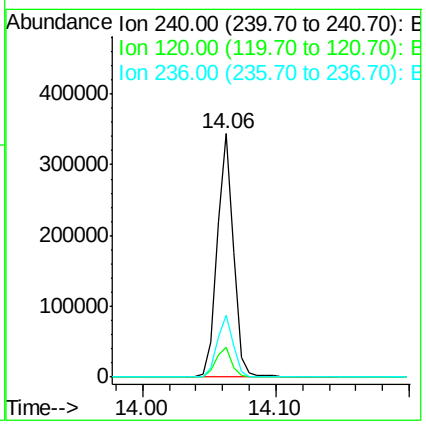


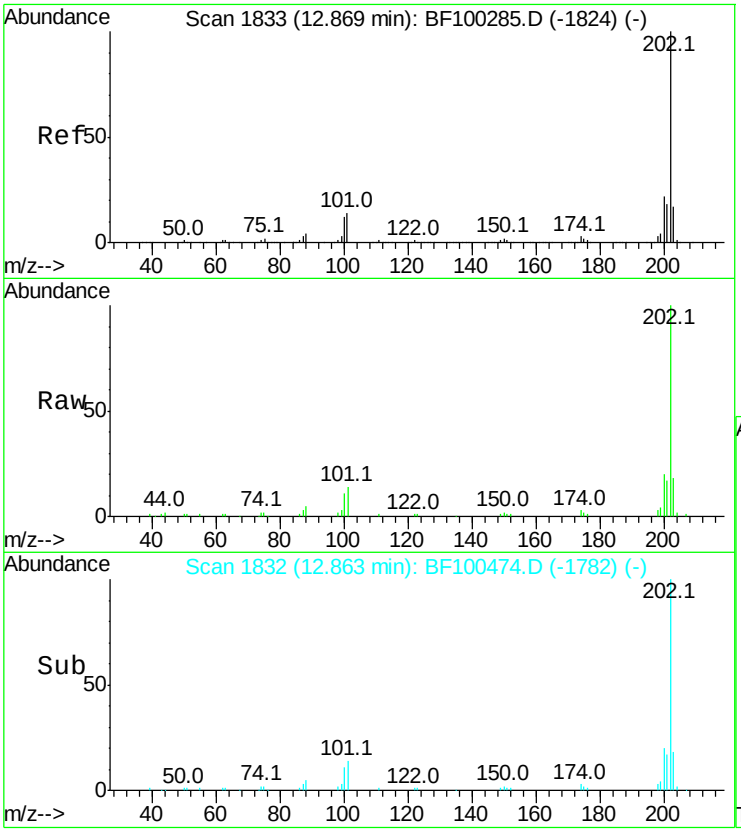


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:240 Resp: 295417

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1



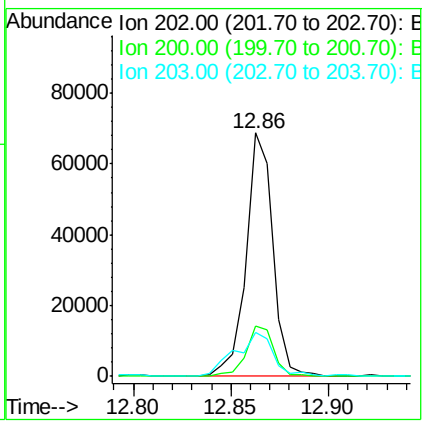


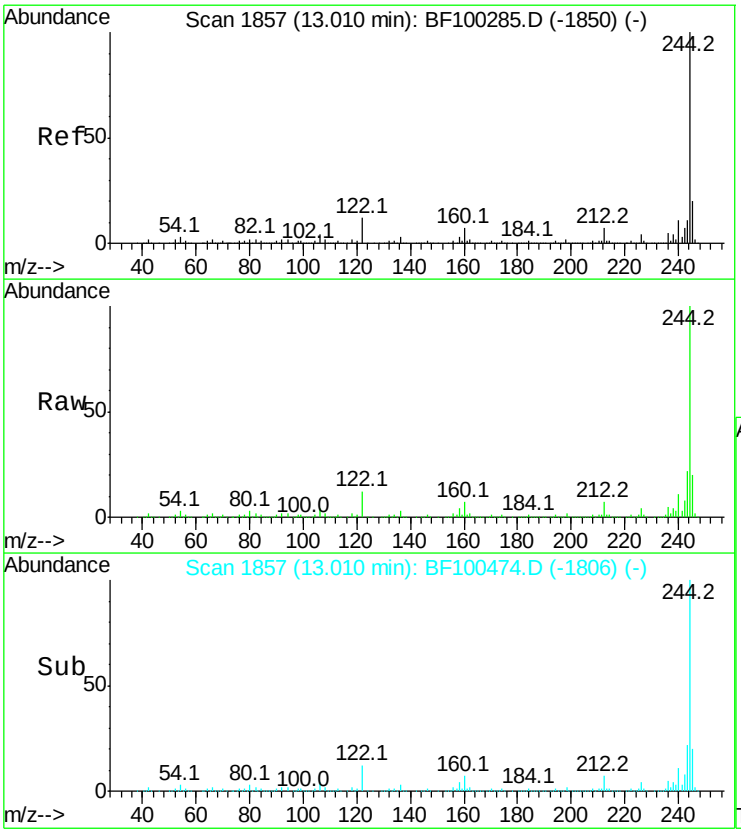
#77
Pyrene
Concen: 3.090 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:202 Resp: 65061

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.0	14.3	21.5

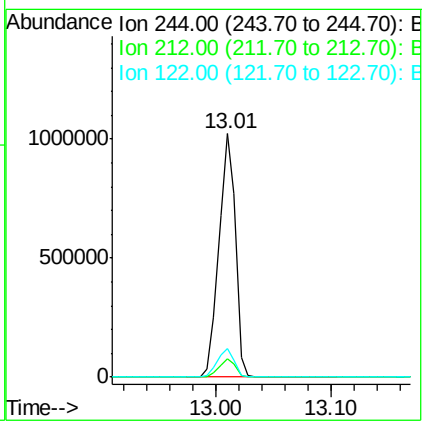


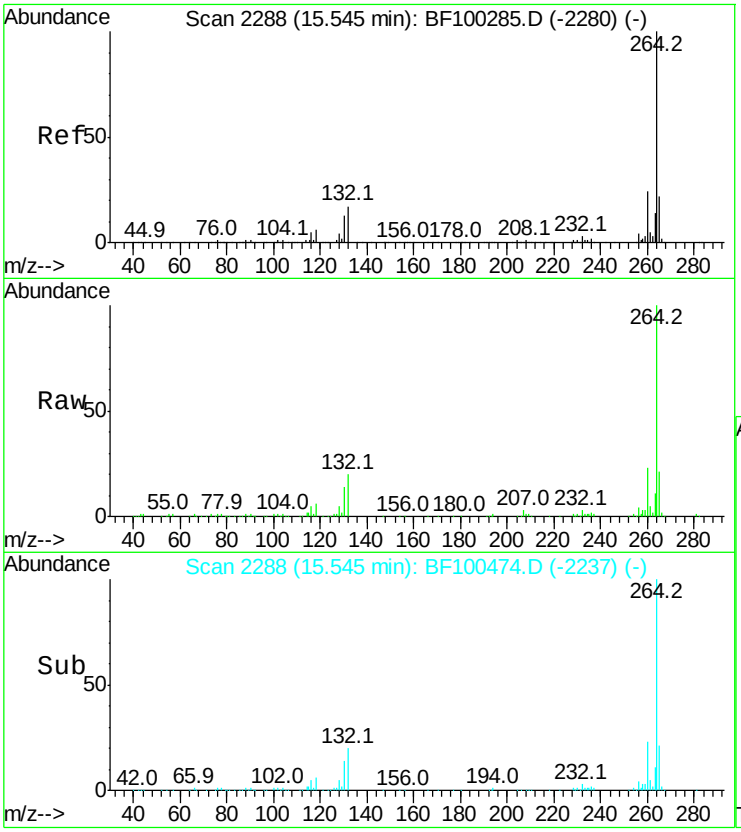


#78
Terphenyl-d14
Concen: 78.558 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BF100474.D
Acq: 12 Nov 2017 7:29

Tgt Ion:244 Resp: 1010019

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	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: BF100474.D
Acq: 12 Nov 2017 7:29

Instrument :
BNA_F
ClientSampleId :
110717-TIDO-F-D-B

Tgt Ion:264 Resp: 210605

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3