Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101915.D
Acq On : 5 Jan 2018 5:07
Operator : SJ/JU
Sample : J1004-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 05 06:06:41 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	136327	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	491253	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	169858	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	263787	20.00	ng		0.00
75) Chrysene-d12	13.96	240	261760	20.00	ng		0.00
86) Perylene-d12	15.43	264	184240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	957213	104.59	ng		0.00
7) Phenol-d6	6.42	99	1125233	98.79	ng		0.00
23) Nitrobenzene-d5	7.35	82	687868	77.94	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	119596	73.07	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	687555	62.79	ng		0.00
78) Terphenyl-d14	12.88	244	501418	46.18	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.44	94	52278	4.027	ng	#	51
19) n-Nitroso-di-n-propylamine	7.35	70	91441	12.225	ng	#	83
25) Isophorone	7.35	82	688629	38.898	ng	#	64
31) Naphthalene	8.08	128	60619	2.451	ng		99
32) Benzoic acid	7.93	122	114	7.981	ng	#	1
49) Dimethylphthalate	9.53	163	72266	5.289	ng		99
51) Acenaphthene	9.84	154	28698	2.624	ng		97
57) Fluorene	10.36	166	37172	3.161	ng		97
66) 4-Bromophenyl-phenylether	10.61	248	8130	2.743	ng	#	1
70) Phenanthrene	11.33	178	351290	23.947	ng		99
71) Anthracene	11.39	178	70861	4.729	ng		97
72) Carbazole	11.56	167	29413	2.097	ng		97
74) Fluoranthene	12.52	202	393338	25.545	ng		98
77) Pyrene	12.75	202	370783	18.874	ng		99
80) Benzo(a)anthracene	13.94	228	197208	11.410	ng		96
82) Chrysene	13.99	228	193347	11.847	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	56868	3.913	ng	#	89
87) Benzo(b)fluoranthene	15.00	252	229629	20.448	ng	#	96
88) Benzo(k)fluoranthene	15.00	252	229629	21.031	ng		96
89) Benzo(a)pyrene	15.37	252	115369	11.144	ng		97
91) Benzo(g,h,i)perylene	17.38	276	51737	5.878	ng	#	89

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

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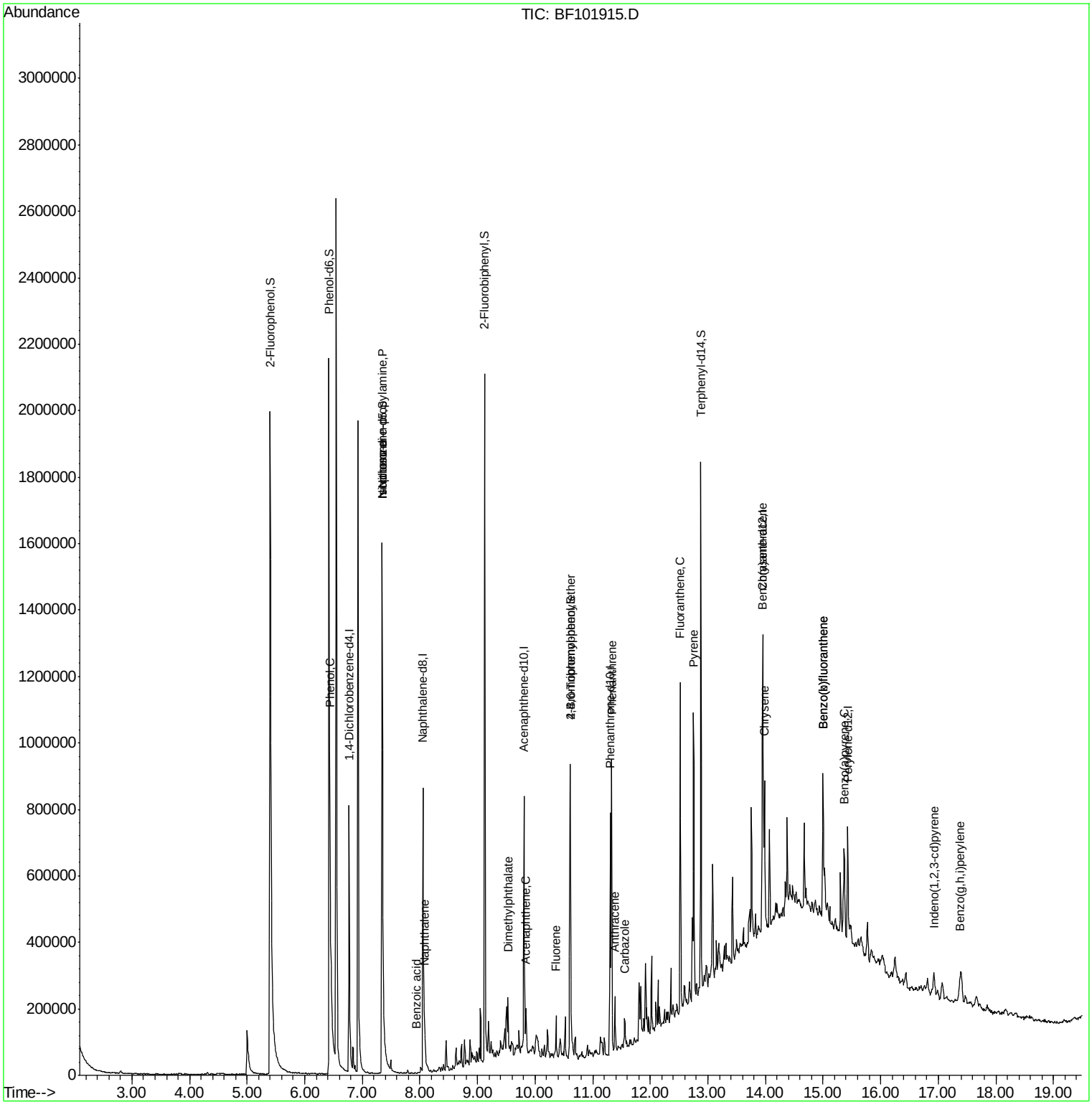
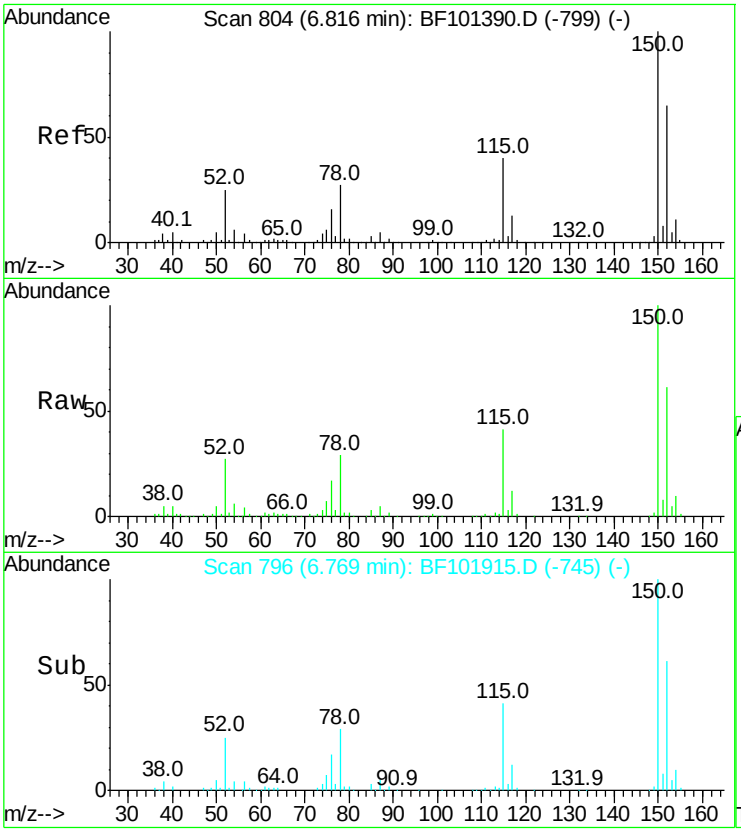


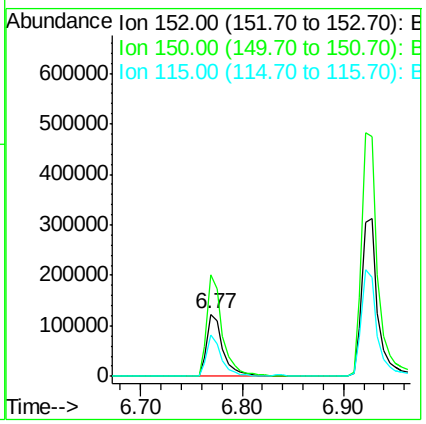


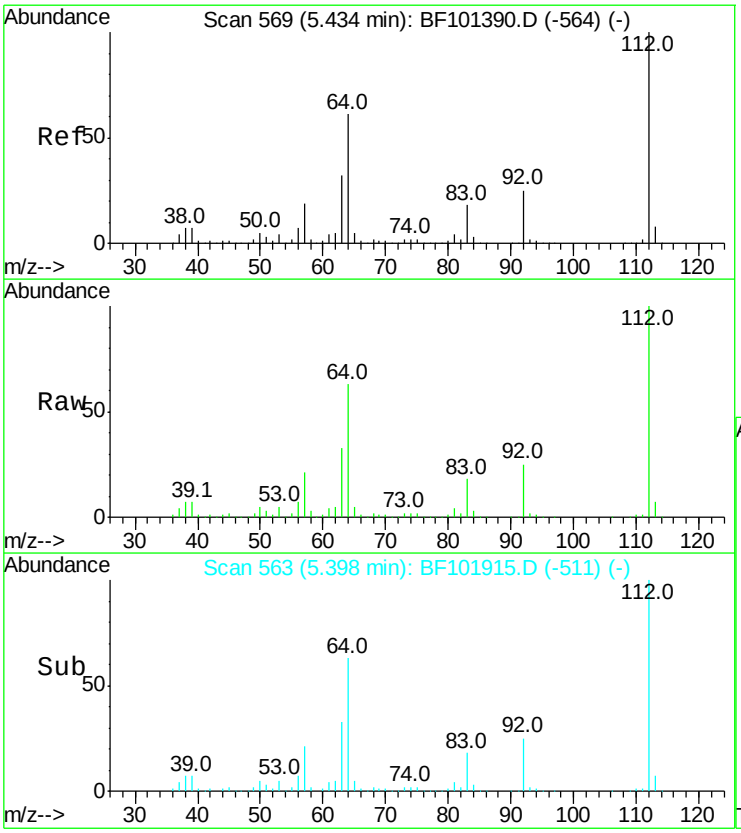
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 136327

Ion	Ratio	Lower	Upper
152	100		
150	163.0	124.6	186.8
115	67.0	50.1	75.1

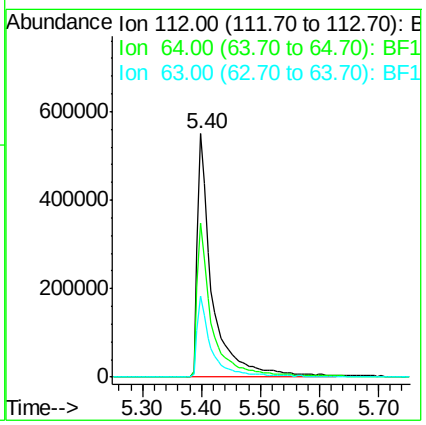


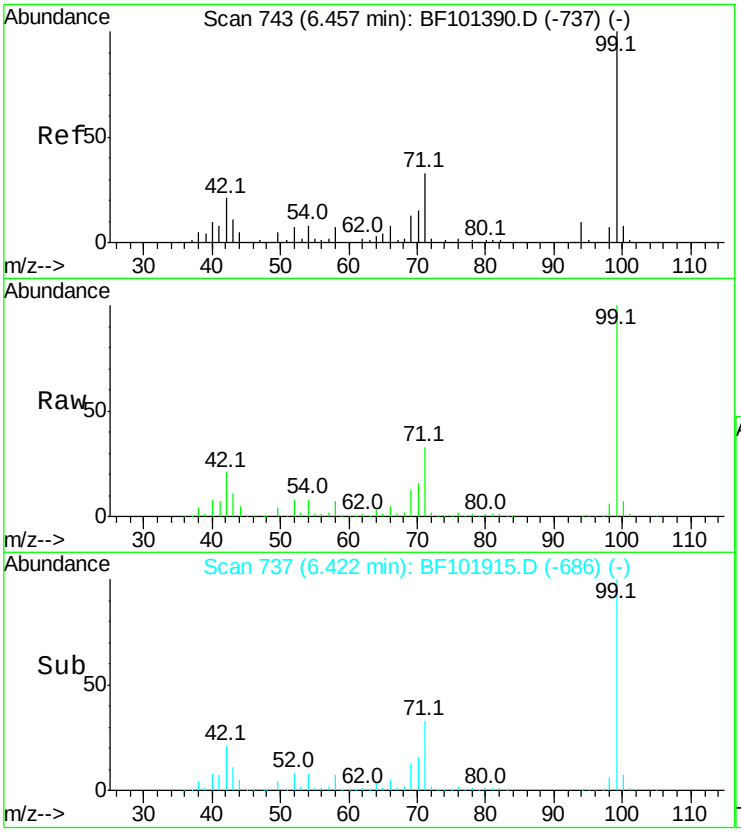


#5
2-Fluorophenol
Concen: 104.590 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:112 Resp: 957213

Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	33.4	23.7	35.5



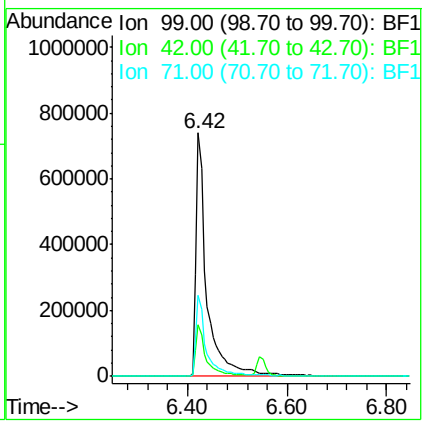


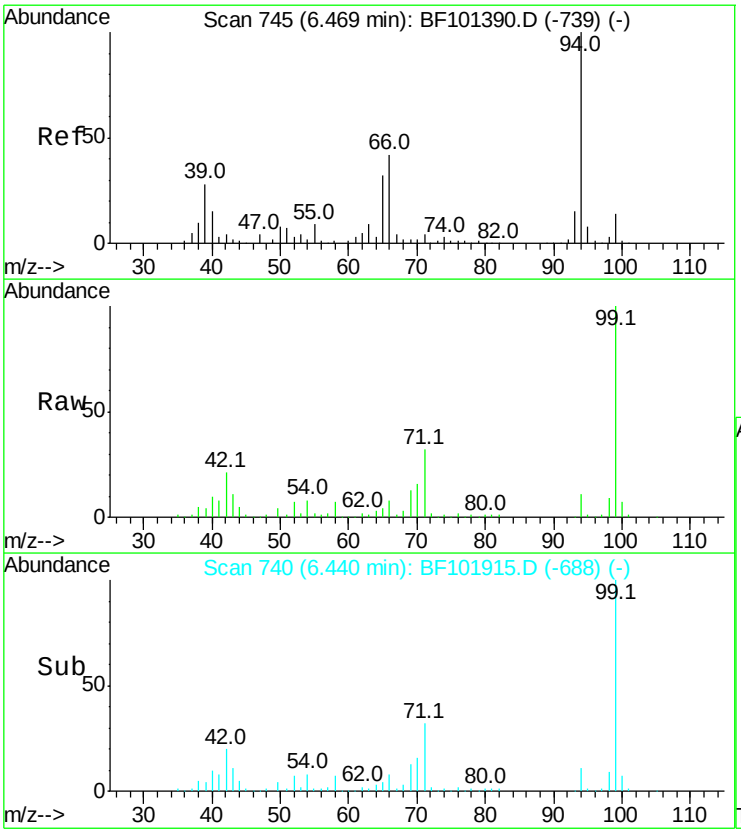
#7
Phenol-d6
Concen: 98.791 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1125233

Ion	Ratio	Lower	Upper
99	100		
42	21.3	14.5	21.7
71	33.4	25.4	38.0

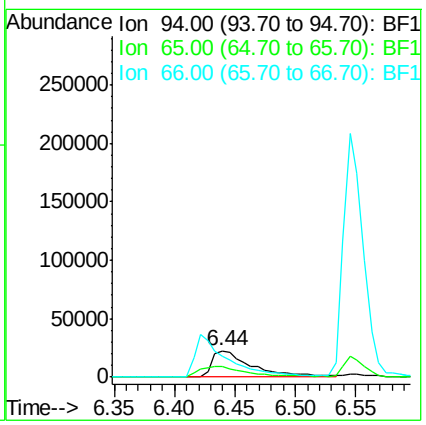


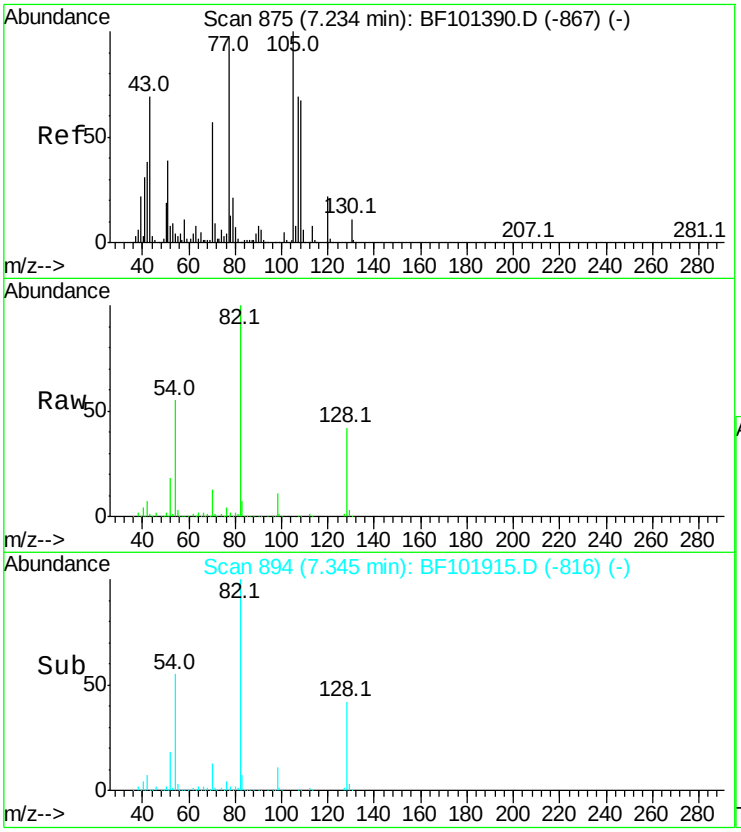


#10
Phenol
Concen: 4.027 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion: 94 Resp: 52278

Ion	Ratio	Lower	Upper
94	100		
65	39.2	7.9	47.9
66	77.8	16.2	56.2#



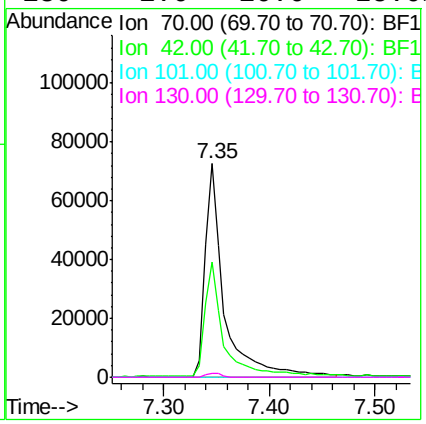


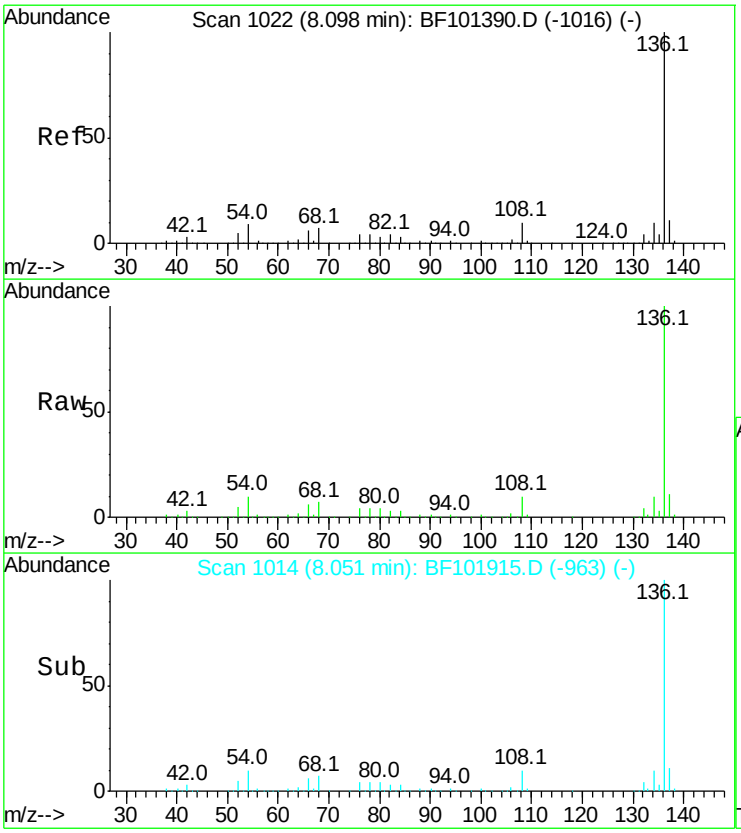
#19
n-Nitroso-di-n-propylamine
Concen: 12.225 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.16 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 91441

Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#

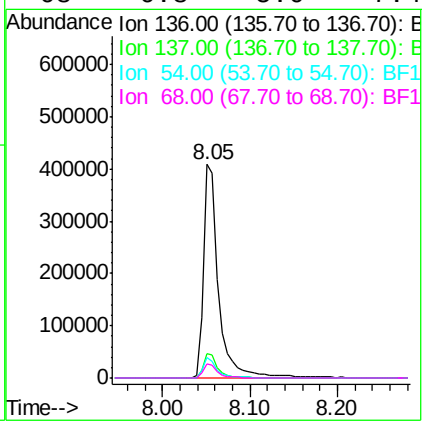


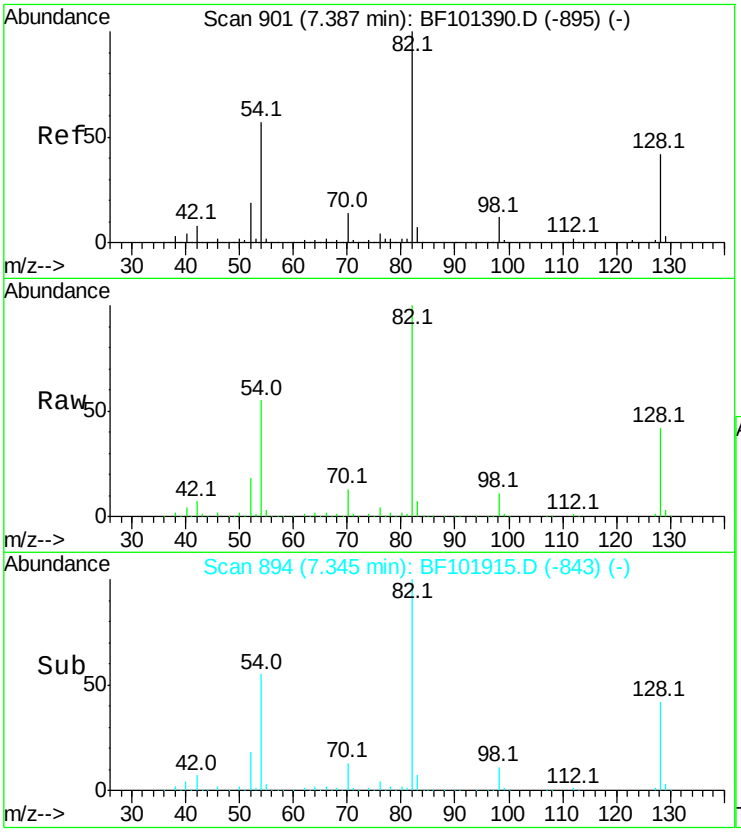


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:136 Resp: 491253

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.8	5.0	7.4



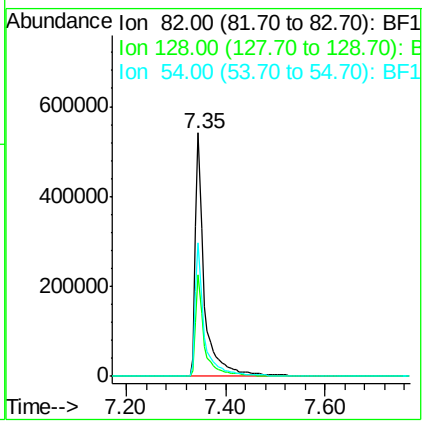


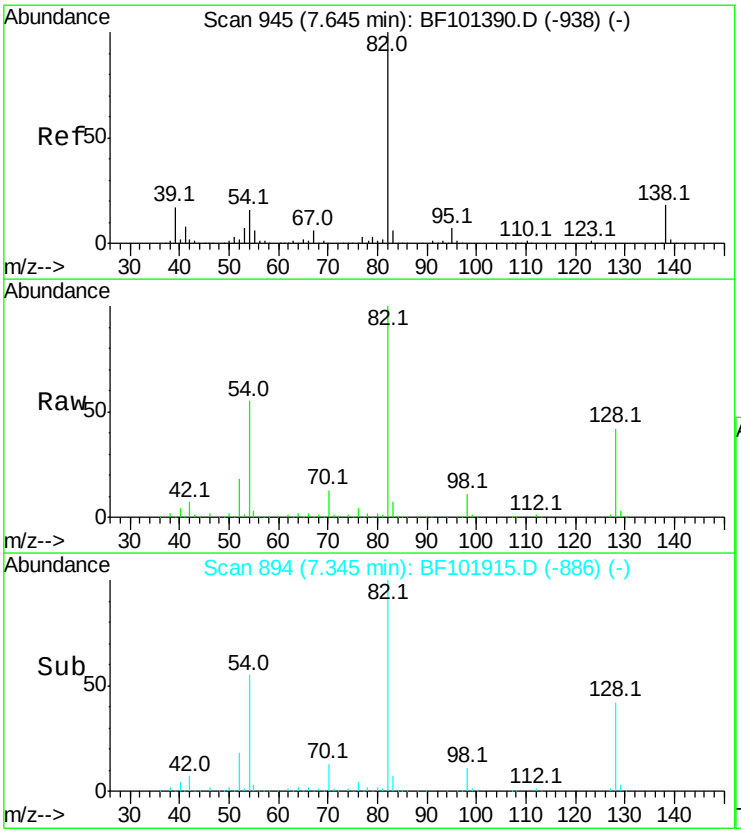
#23
Nitrobenzene-d5
Concen: 77.945 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 687868

Ion	Ratio	Lower	Upper
82	100		
128	41.6	36.1	54.1
54	54.7	41.4	62.2

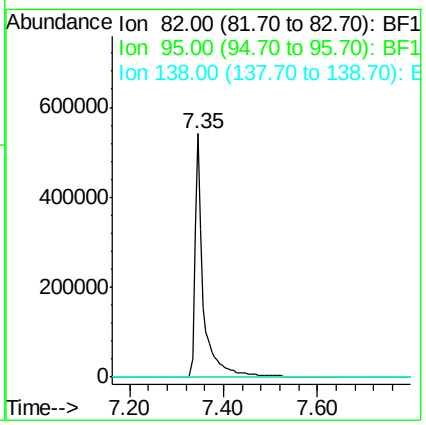


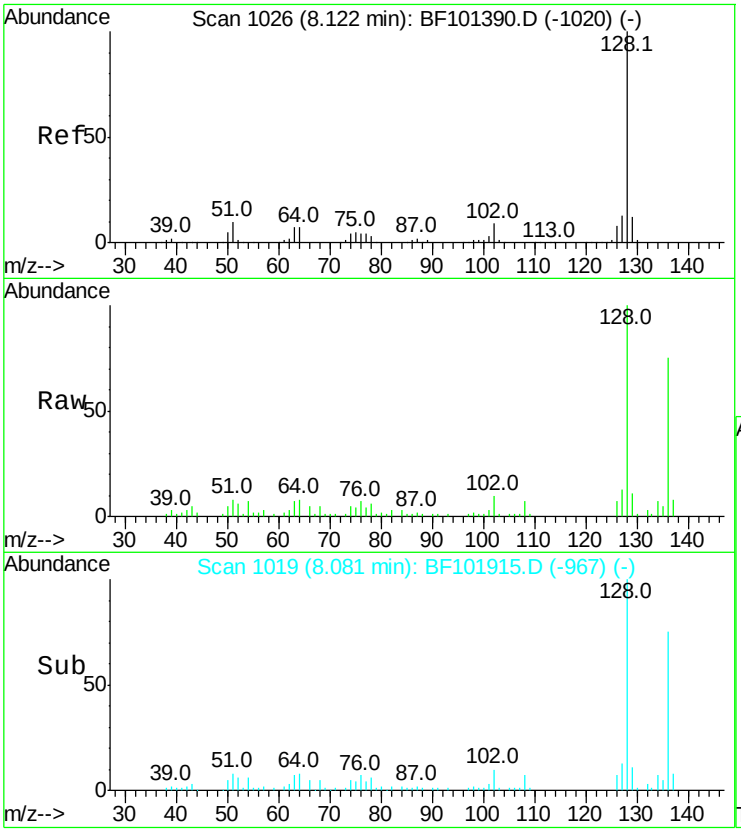


#25
Isophorone
Concen: 38.898 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion: 82 Resp: 688629

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

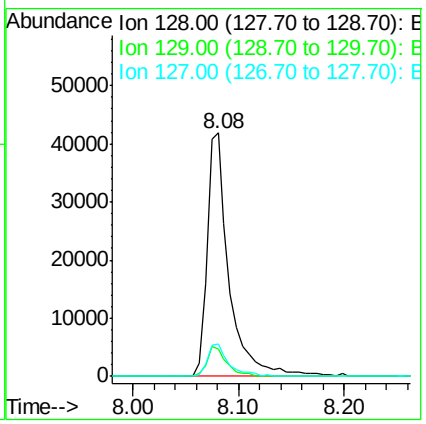




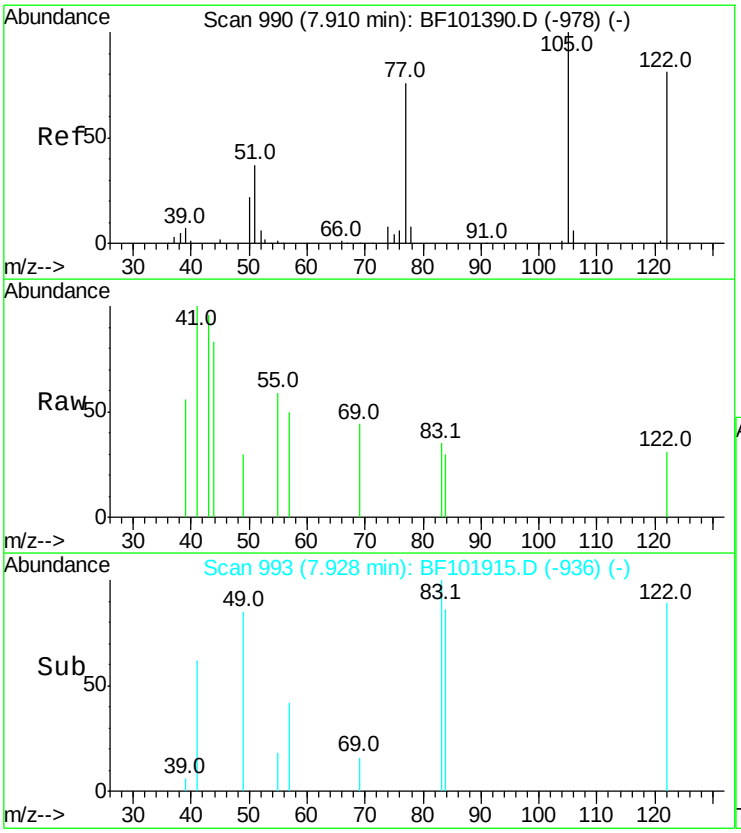
#31
Naphthalene
Concen: 2.451 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:128 Resp: 60619

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.2	10.9	16.3



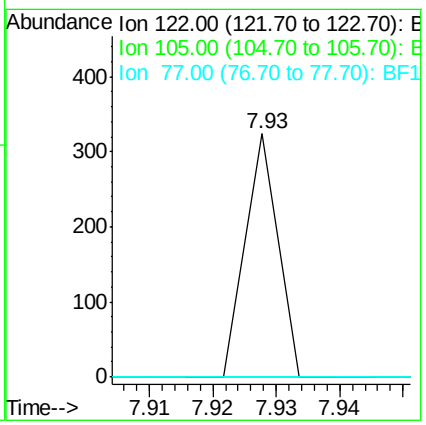
Instrument :
BNA_F
ClientSampleId :

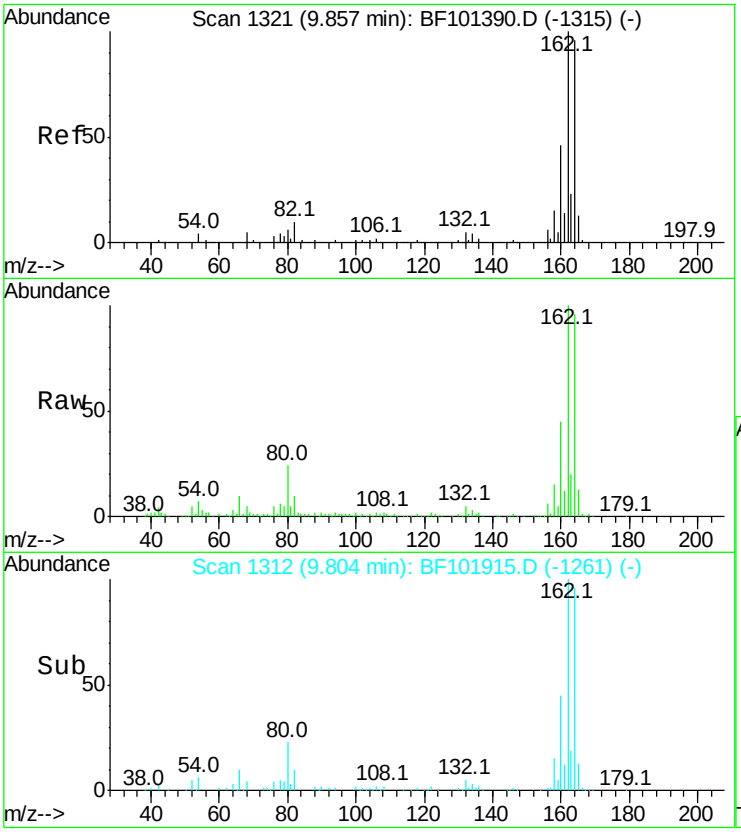


#32
Benzoic acid
Concen: 7.981 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

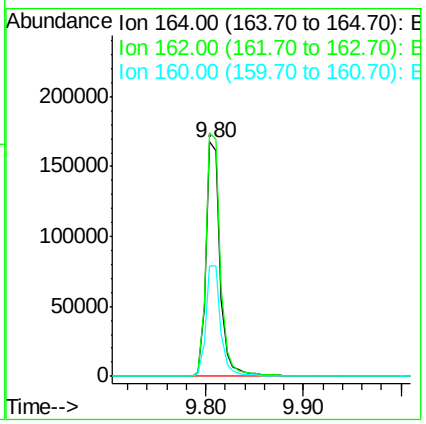




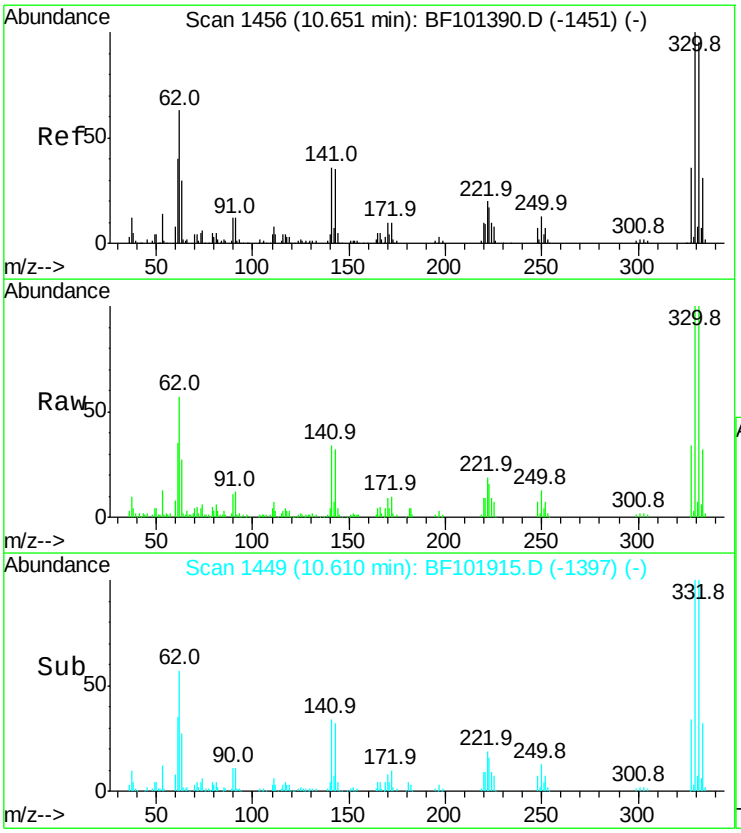
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:164 Resp: 169858

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.1	38.3	57.5



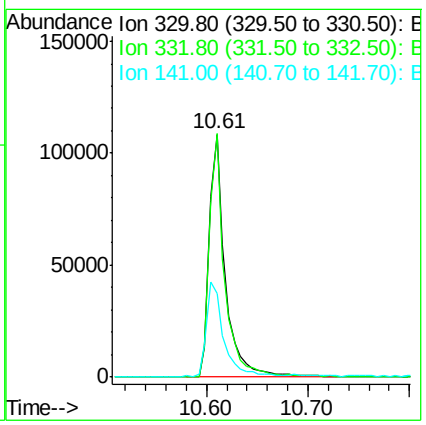
Instrument :
BNA_F
ClientSampleId :

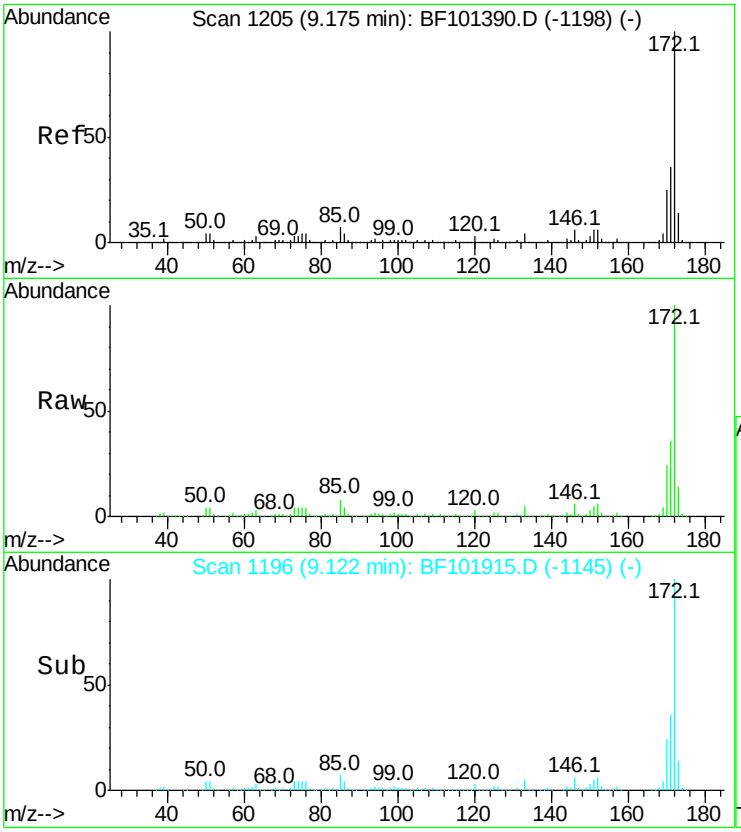


#41
2,4,6-Tribromophenol
Concen: 73.071 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:330 Resp: 119596

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	42.9	29.9	44.9



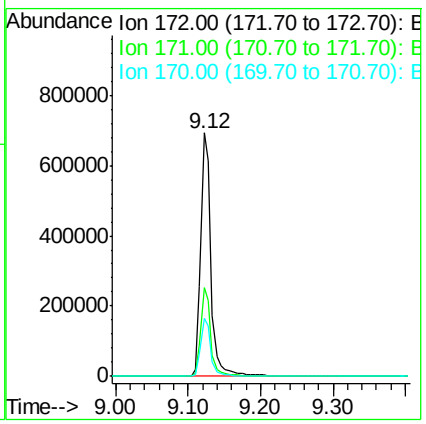


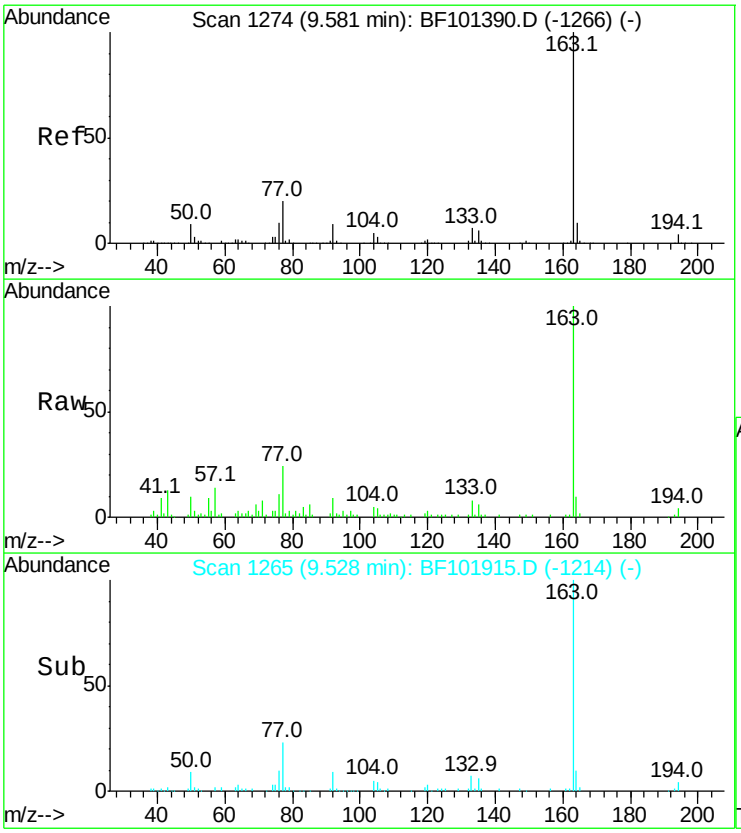
#44
2-Fluorobiphenyl
Concen: 62.791 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 687555

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4

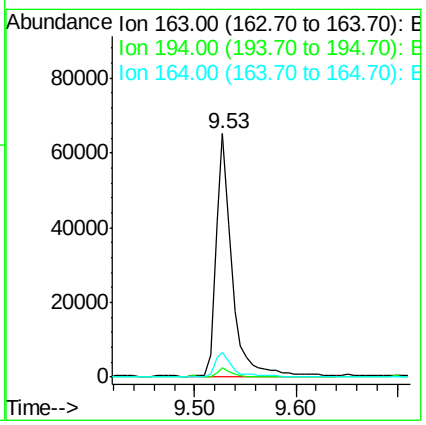


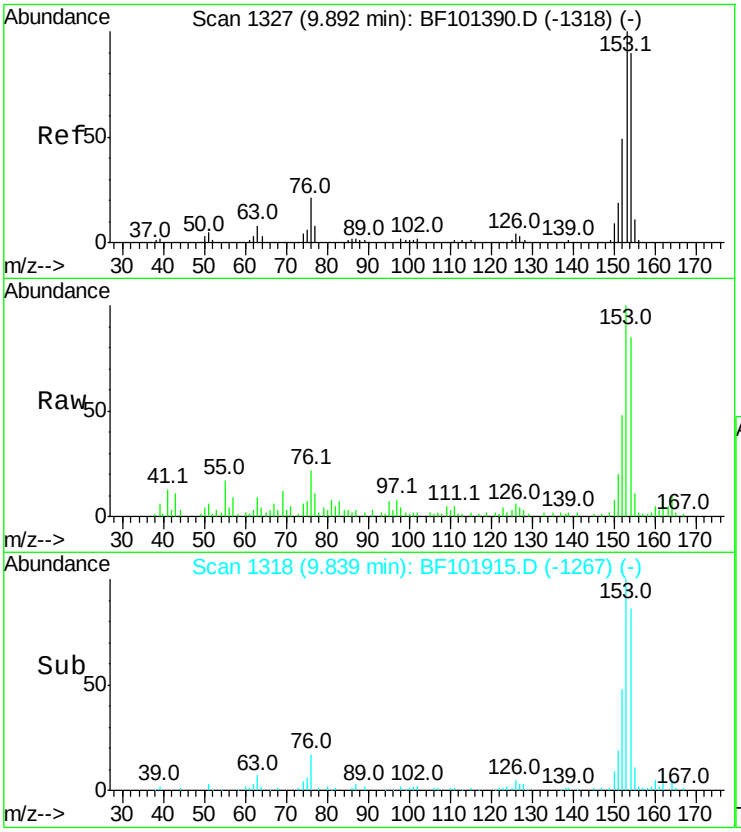


#49
Dimethylphthalate
Concen: 5.289 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:163 Resp: 72266

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2



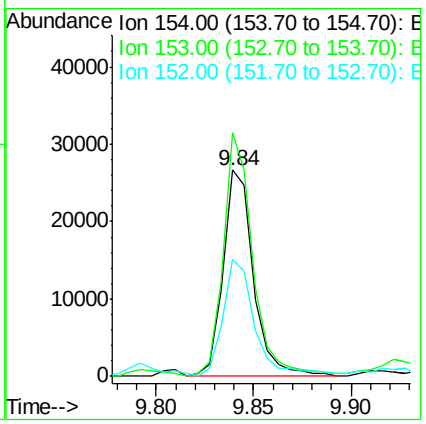


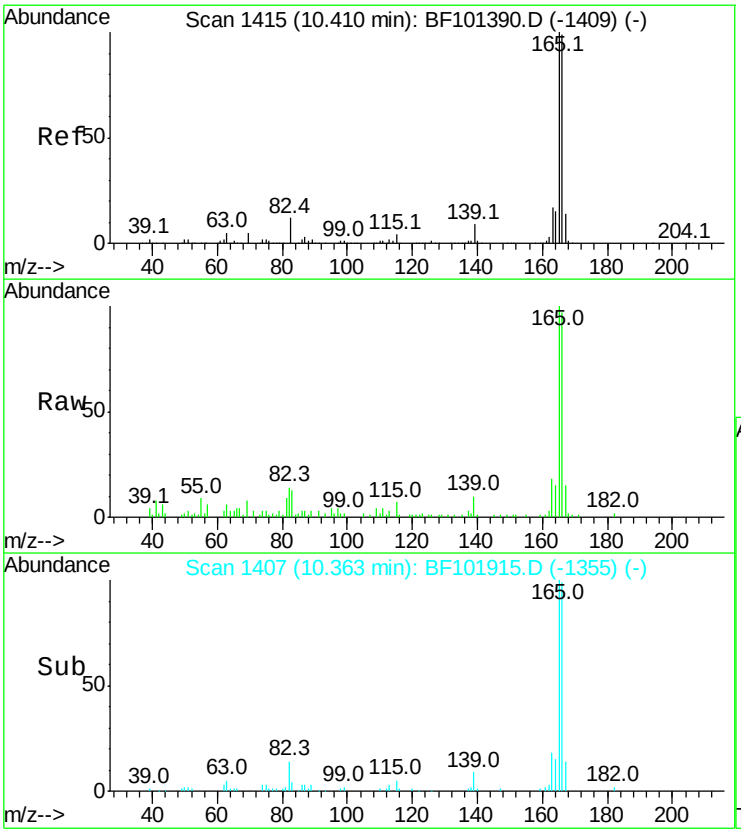
#51
Acenaphthene
Concen: 2.624 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 28698

Ion	Ratio	Lower	Upper
154	100		
153	118.2	91.2	136.8
152	56.5	43.8	65.8

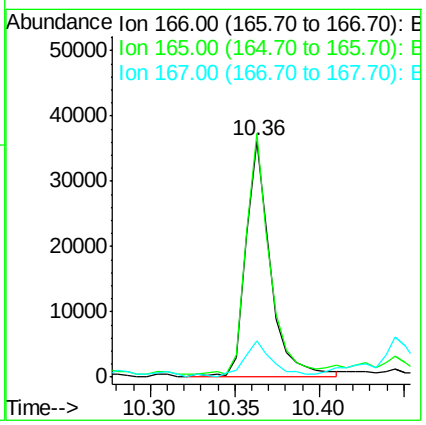


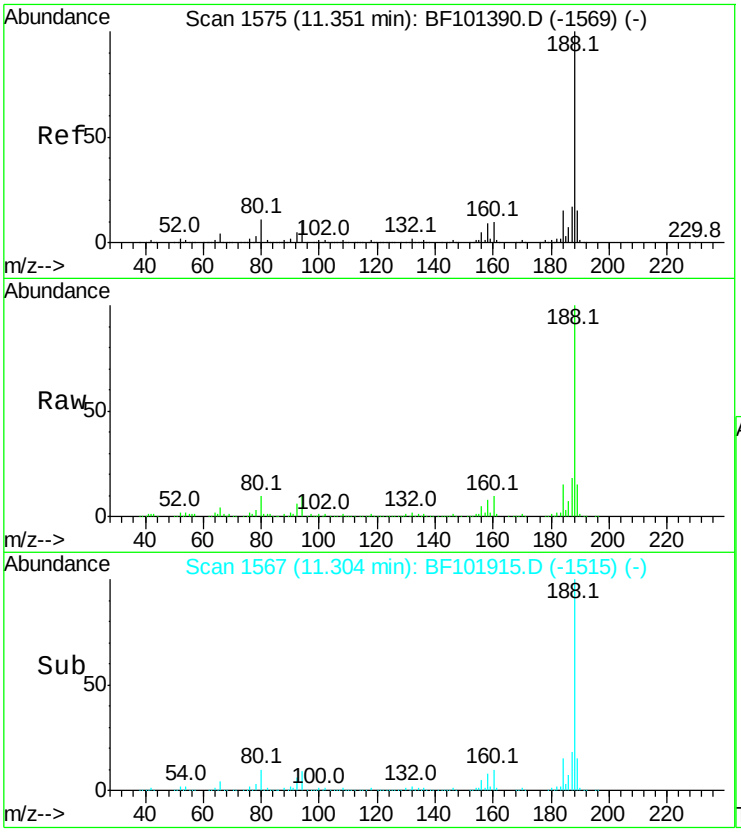


#57
Fluorene
Concen: 3.161 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:166 Resp: 37172

Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.8	119.8
167	15.3	10.6	16.0



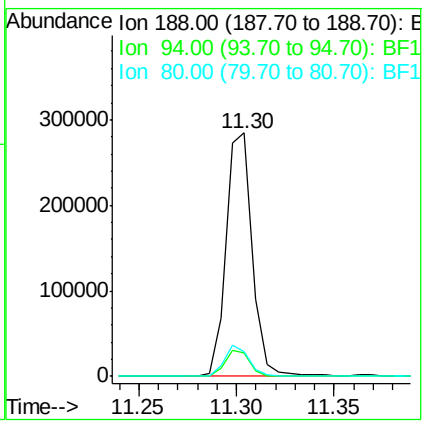


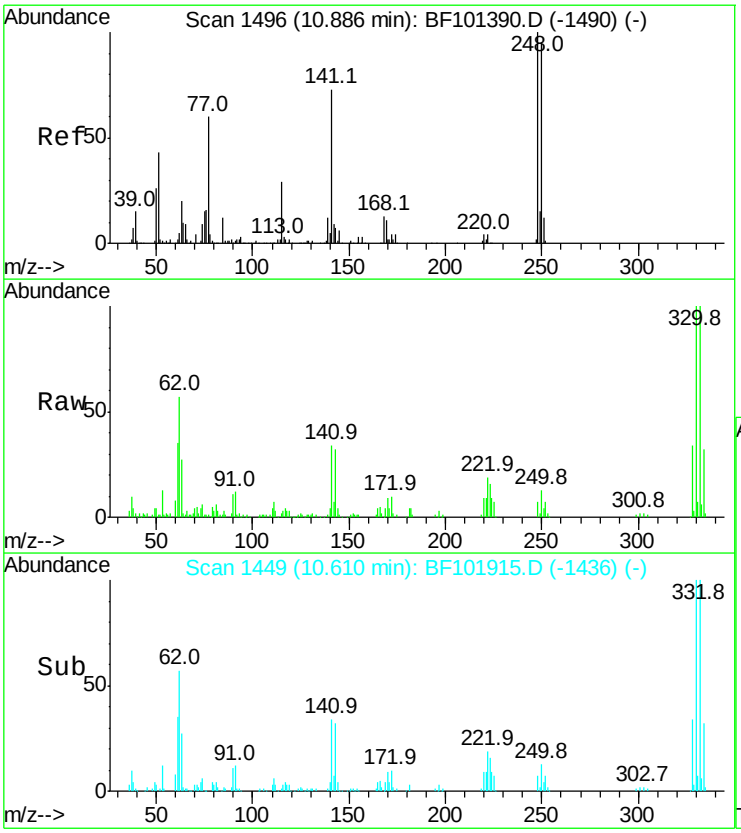
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 263787

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.2	9.2	13.8

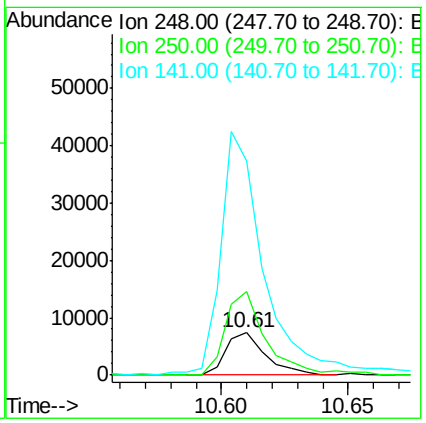


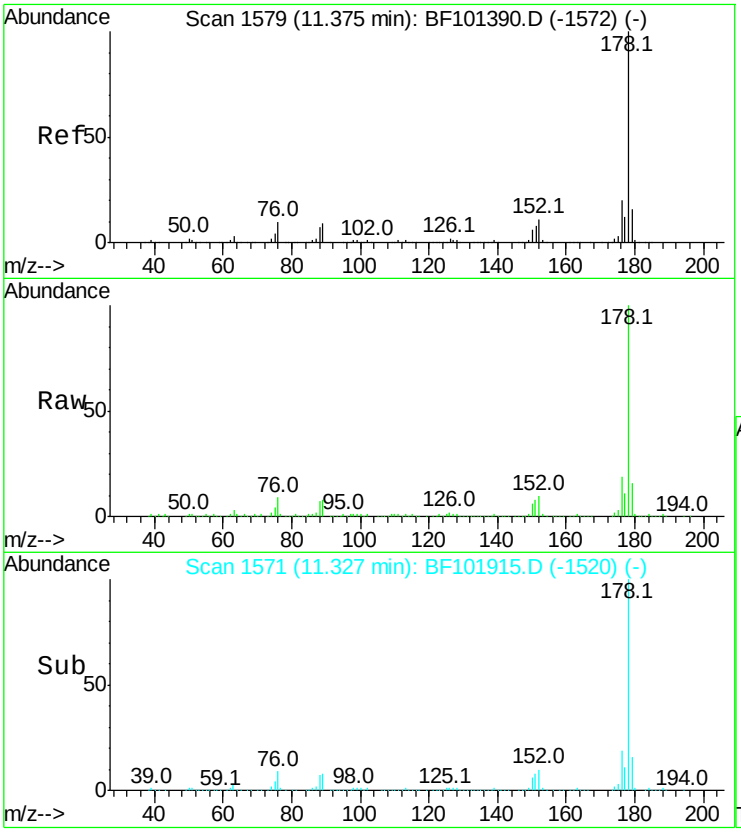


#66
4-Bromophenyl-phenylether
Concen: 2.743 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.22 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:248 Resp: 8130

Ion	Ratio	Lower	Upper
248	100		
250	198.5	76.9	115.3#
141	507.9	74.4	111.6#



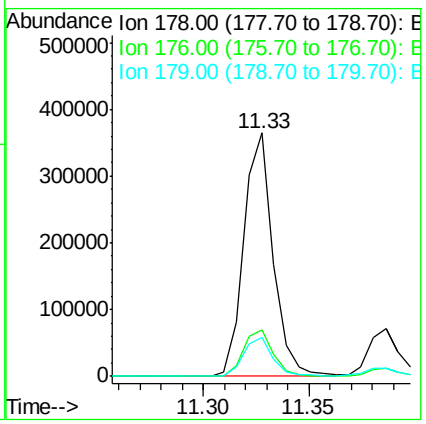


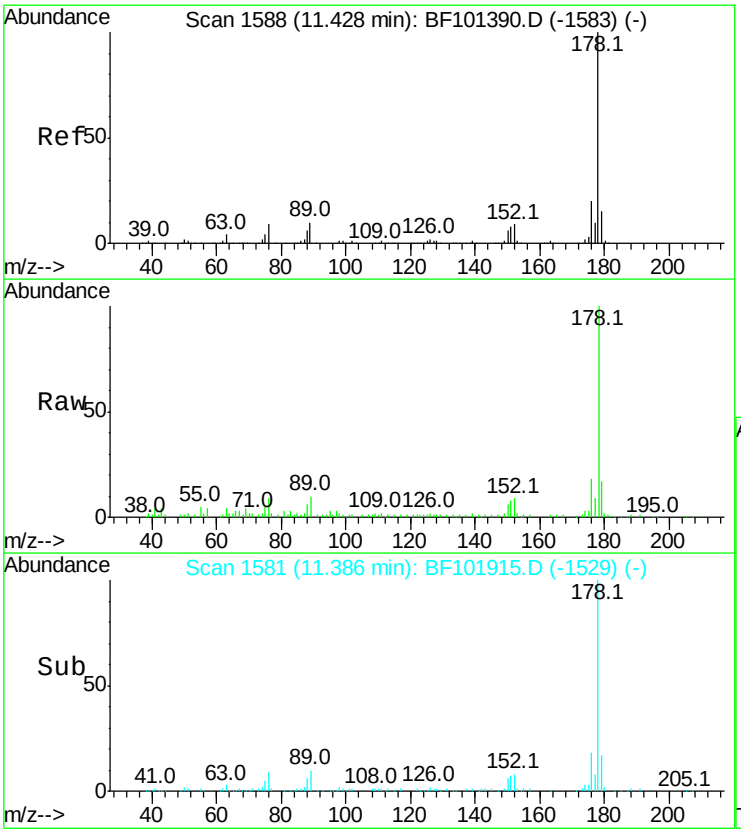
#70
Phenanthrene
Concen: 23.947 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 351290

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.9	13.0	19.6

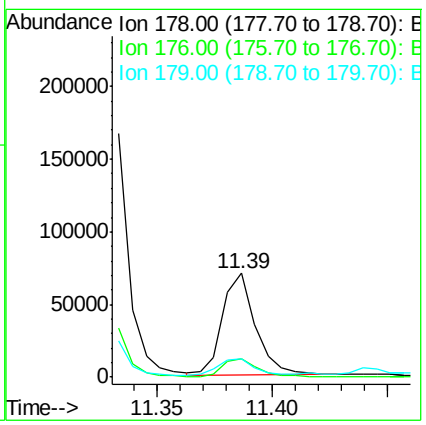


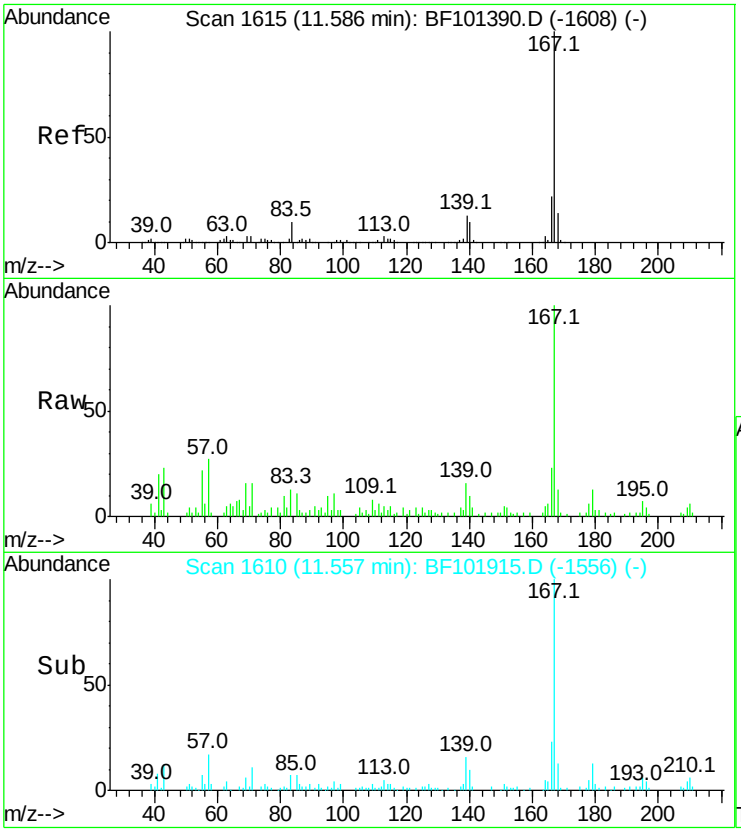


#71
Anthracene
Concen: 4.729 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:178 Resp: 70861

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.4	12.6	19.0



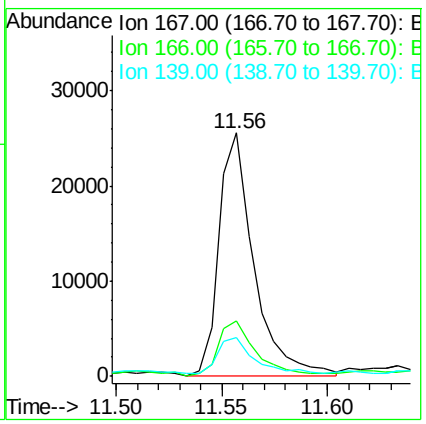


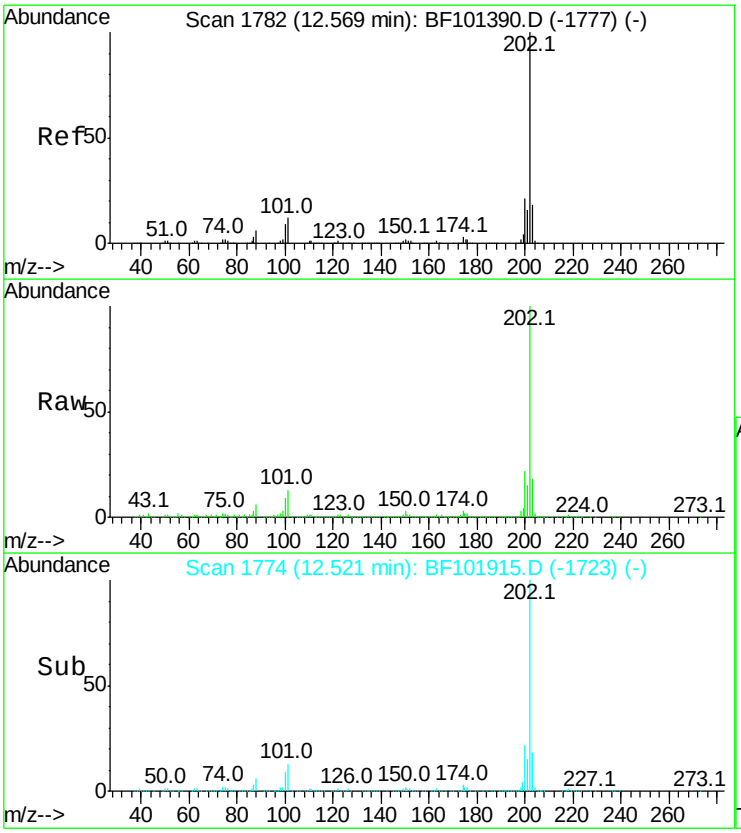
#72
Carbazole
Concen: 2.097 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.02 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 29413

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	15.8	10.9	16.3

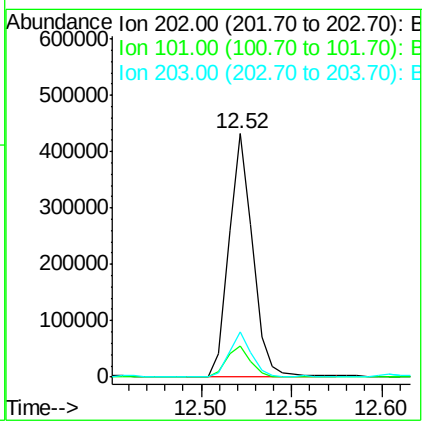


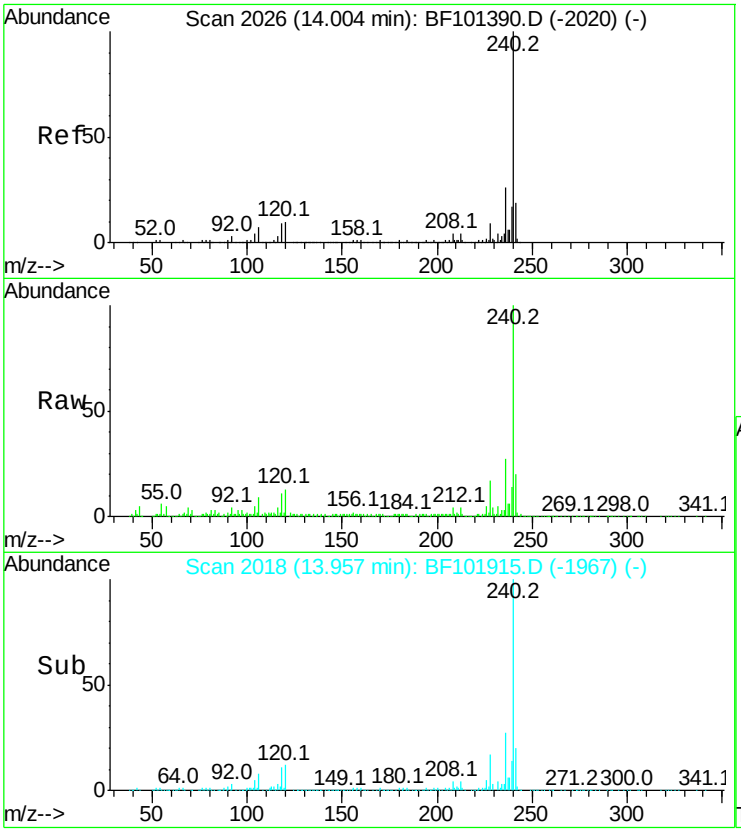


#74
Fluoranthene
Concen: 25.545 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:202 Resp: 393338

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	18.3	0.0	38.1



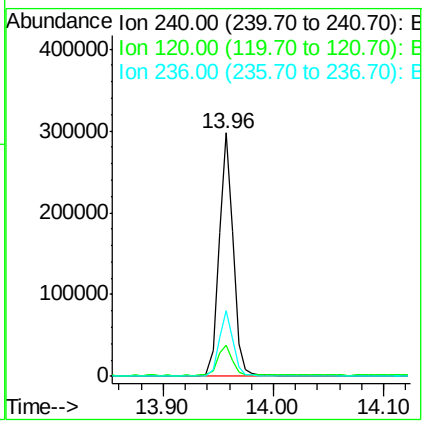


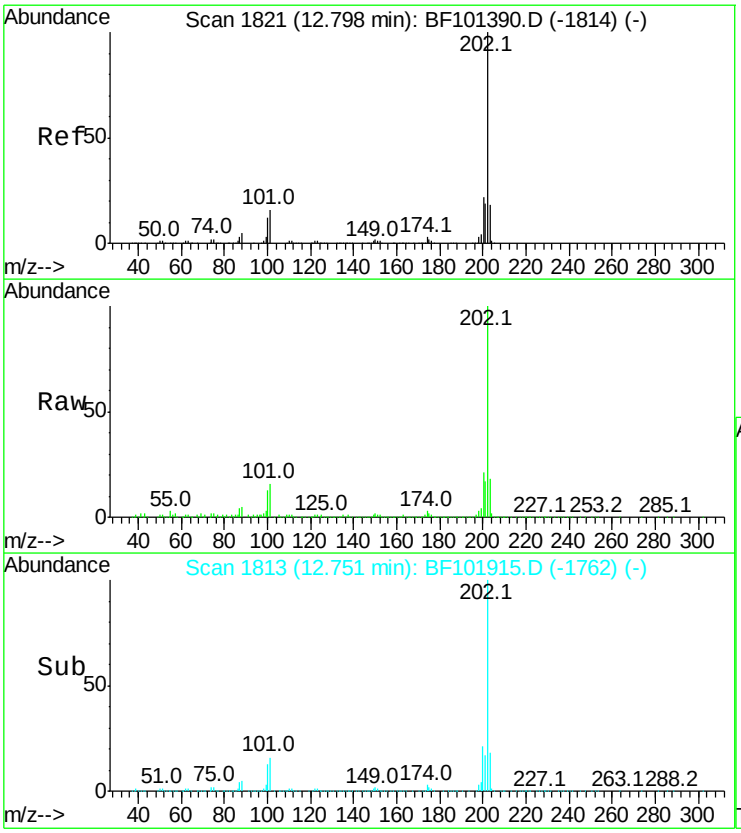
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 261760

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	26.9	20.7	31.1

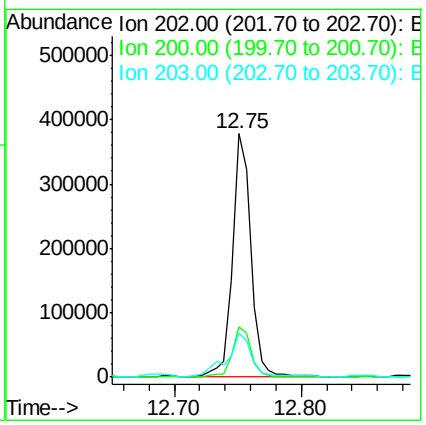


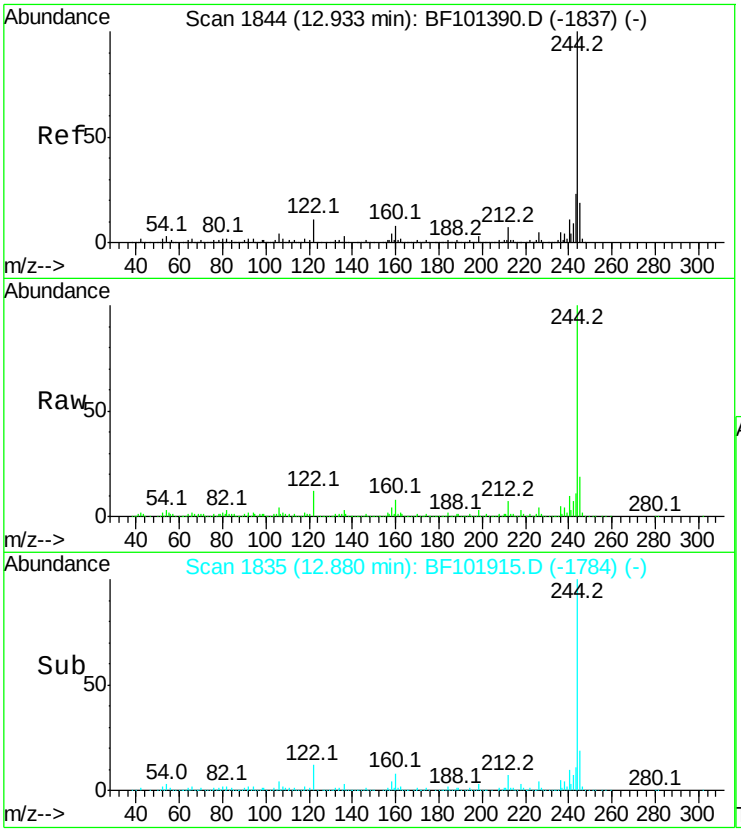


#77
Pyrene
Concen: 18.874 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:202 Resp: 370783

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5



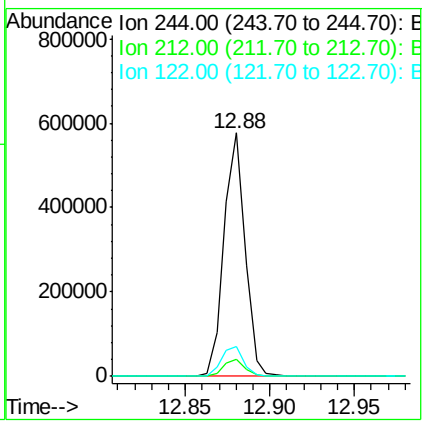


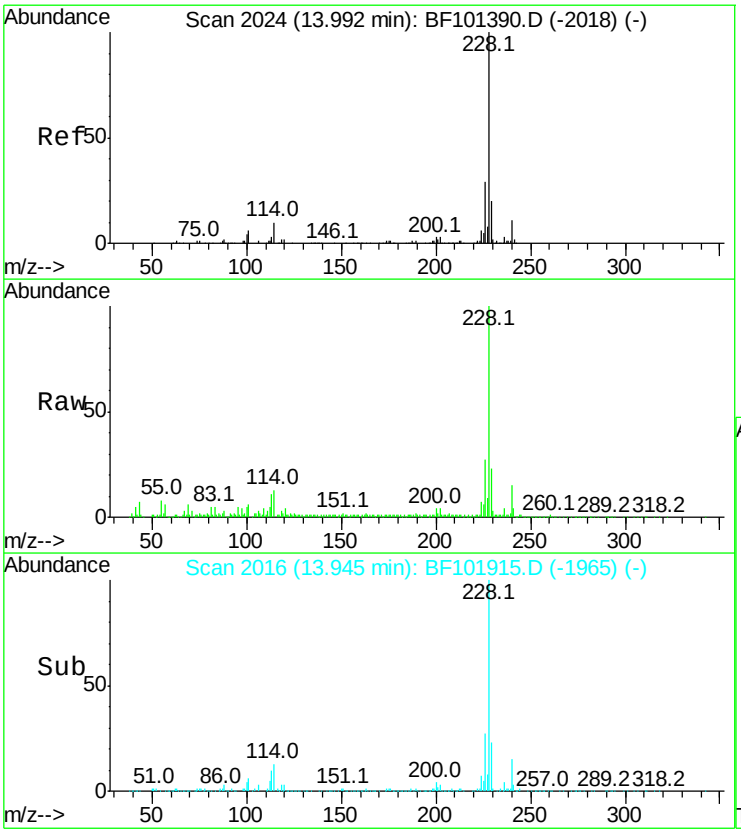
#78
Terphenyl-d14
Concen: 46.180 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 501418

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4

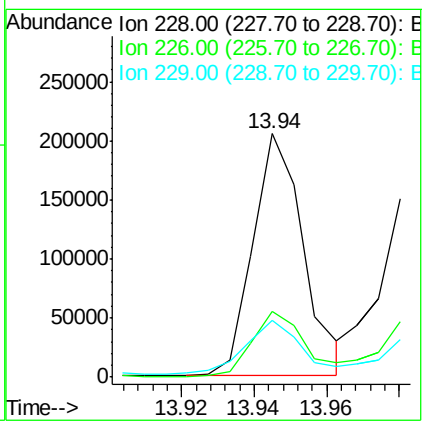


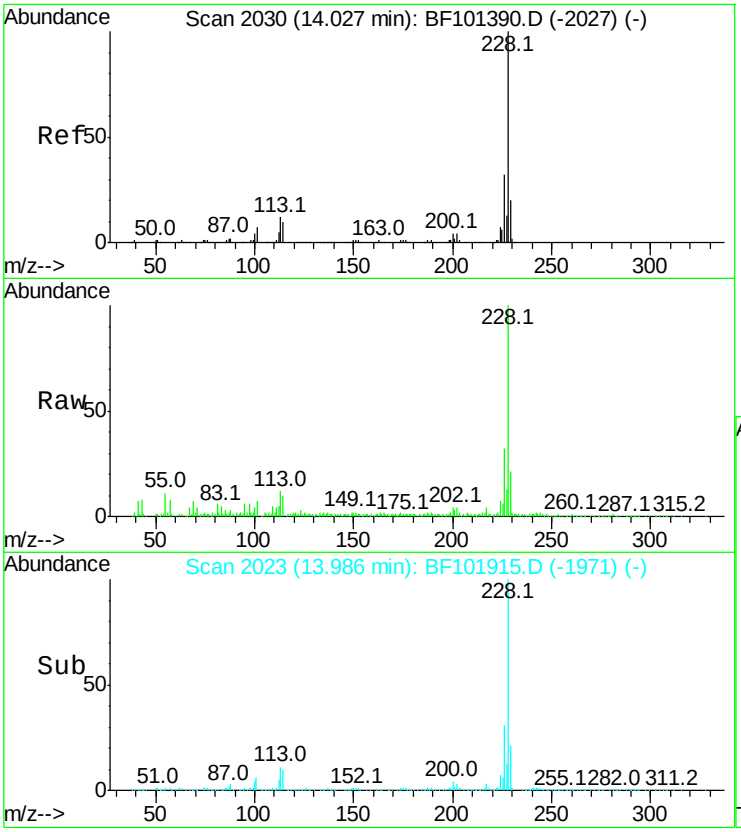


#80
Benzo(a)anthracene
Concen: 11.410 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:228 Resp: 197208

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	23.4	15.8	23.6



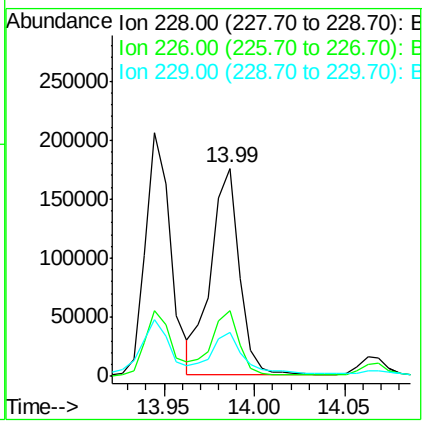


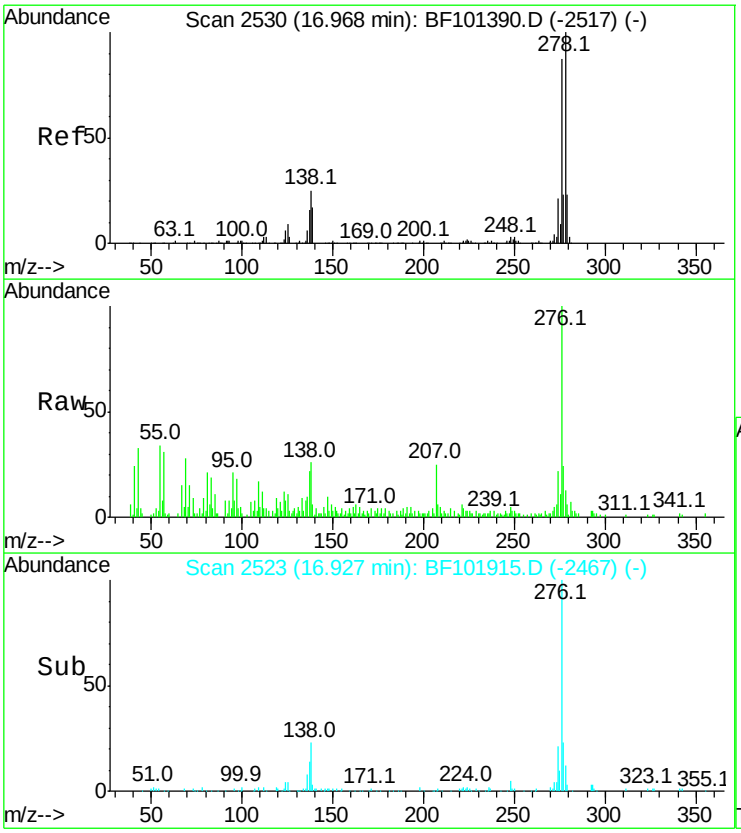
#82
Chrysene
Concen: 11.847 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 193347

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	21.4	16.2	24.4

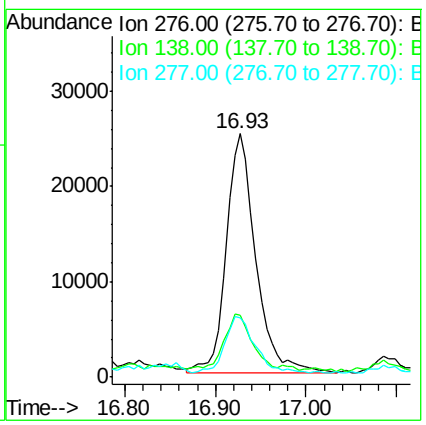


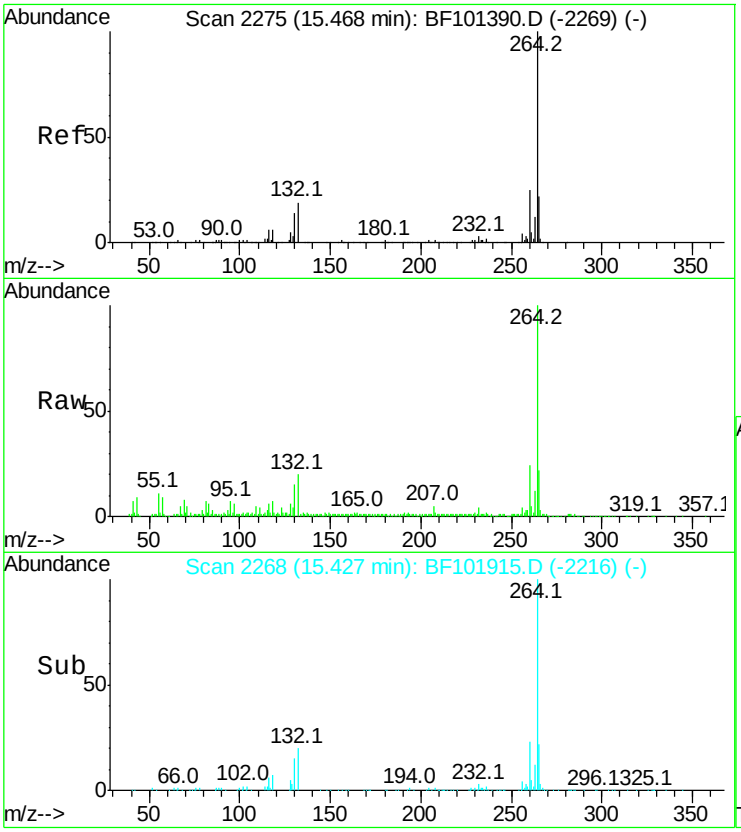


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.913 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.03 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:276 Resp: 56868

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	24.1	20.1	30.1



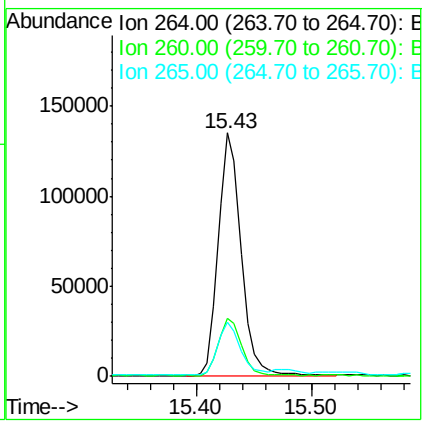


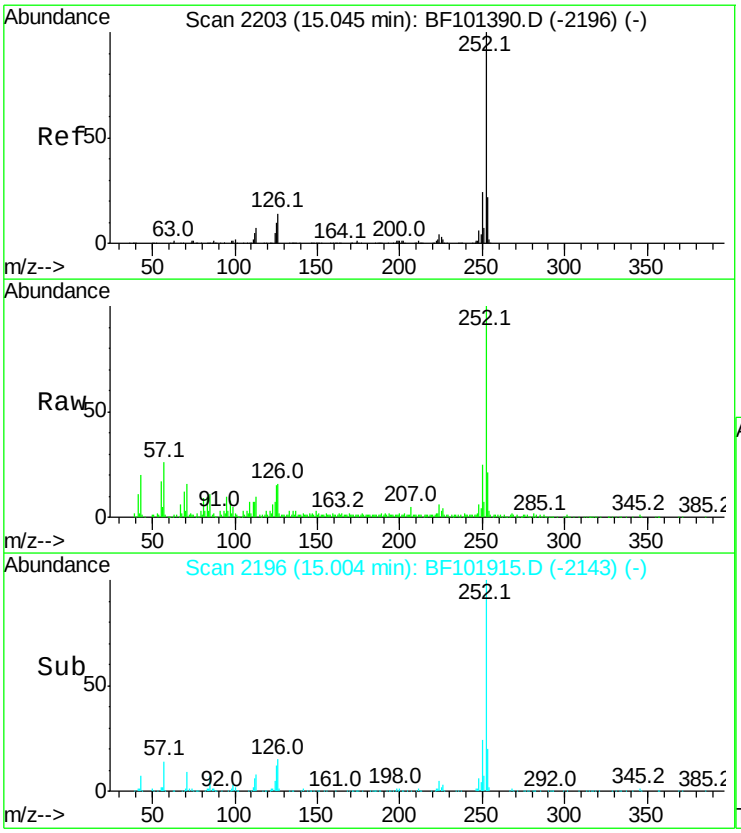
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 184240

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

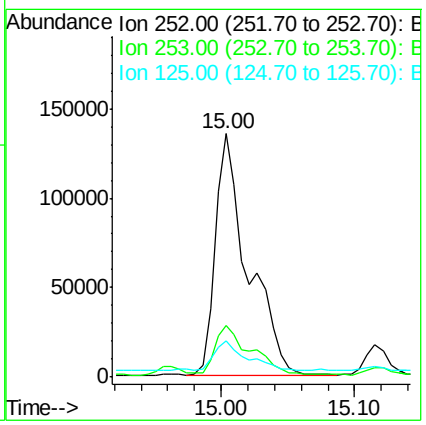


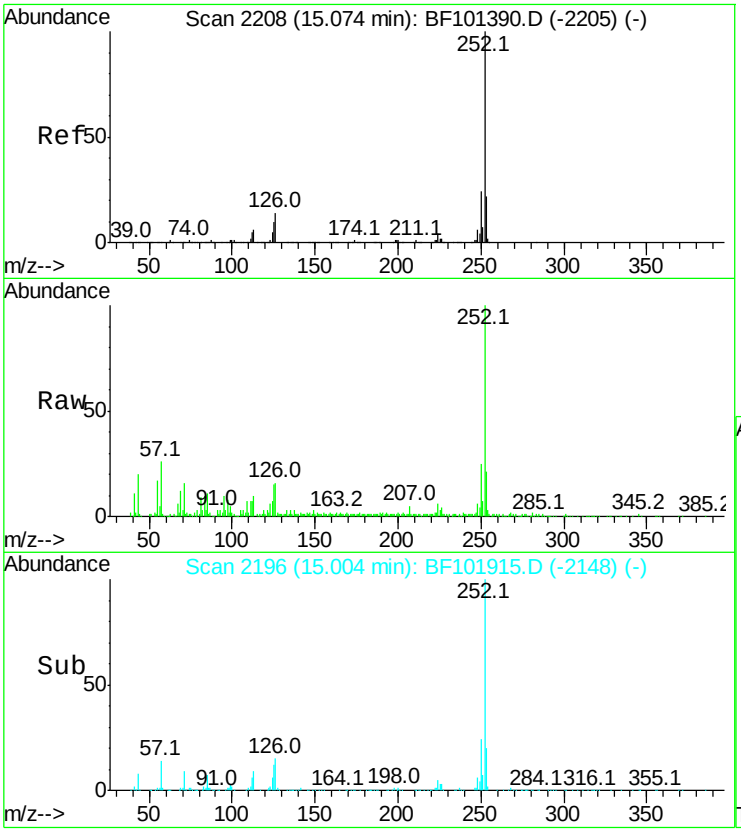


#87
Benzo(b)fluoranthene
Concen: 20.448 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:252 Resp: 229629

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	15.2	9.0	13.6#



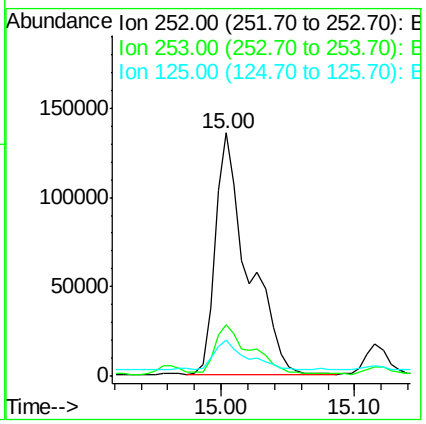


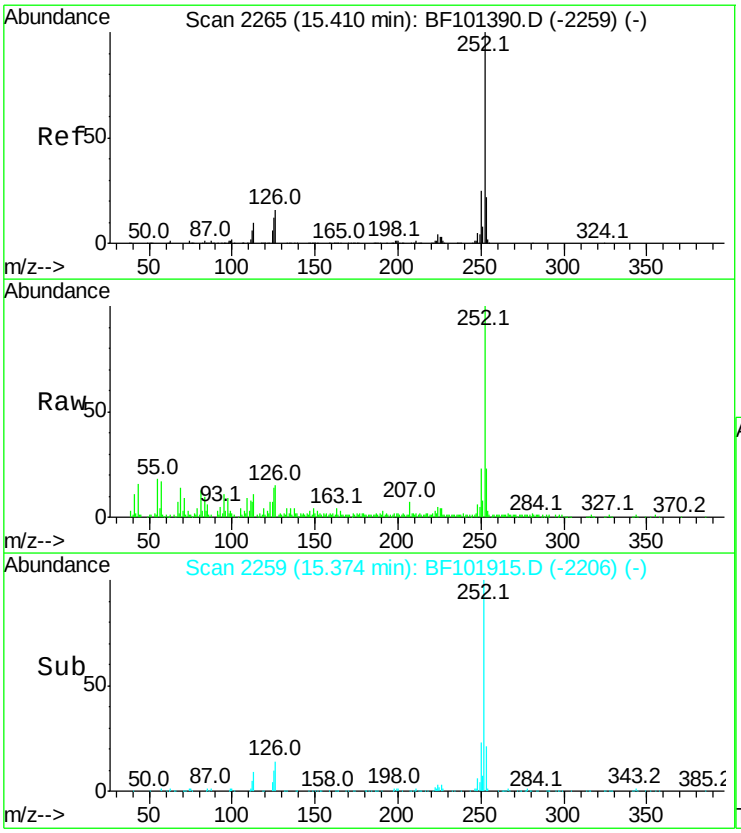
#88
Benzo(k)fluoranthene
Concen: 21.031 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 229629

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	15.2	10.2	15.2

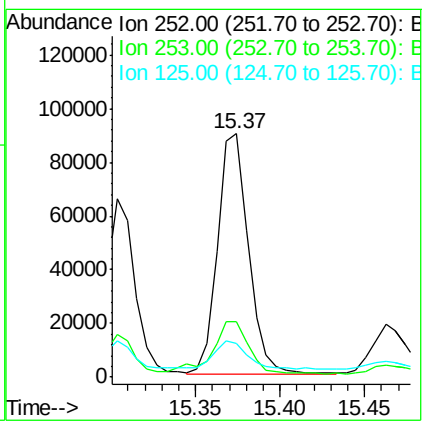


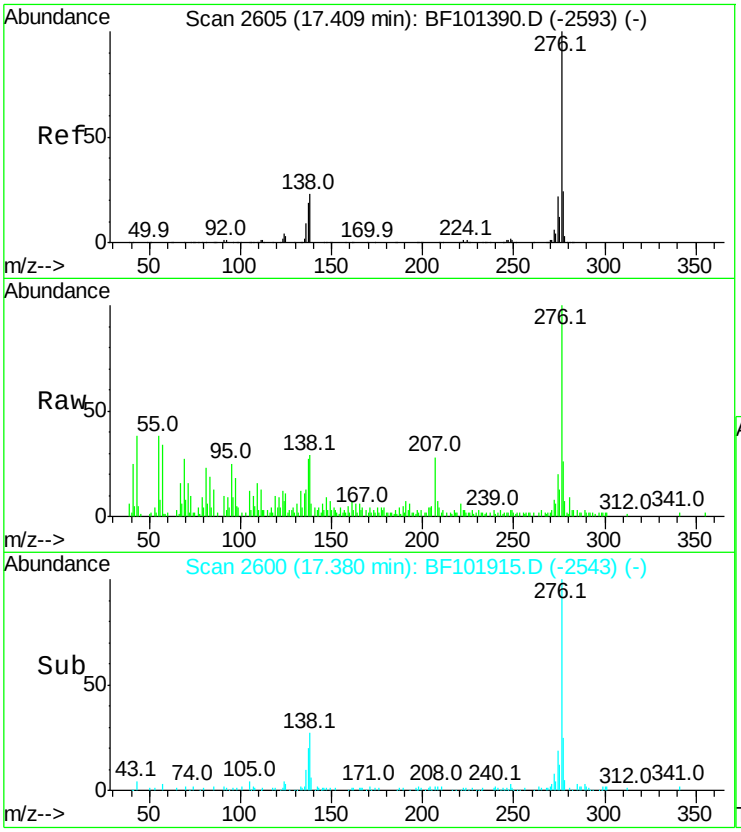


#89
Benzo(a)pyrene
Concen: 11.144 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Tgt Ion:252 Resp: 115369

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.6	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.878 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.04 min
Lab File: BF101915.D
Acq: 5 Jan 2018 5:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51737

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	34.3	21.8	32.8#