Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101865.D
Acq On : 3 Jan 2018 17:38
Operator : SJ/JU
Sample : I6680-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 04 00:08:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135249	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	480486	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	173446	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	315043	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	276599	20.00	ng		-0.02
86) Perylene-d12	15.42	264	209218	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	872286	96.07	ng		0.00
7) Phenol-d6	6.42	99	984714	87.14	ng		-0.01
23) Nitrobenzene-d5	7.35	82	576231	66.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	153091	91.60	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	804418	71.94	ng		-0.02
78) Terphenyl-d14	12.88	244	710040	61.89	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.43	94	41114	3.192	ng	#	42
19) n-Nitroso-di-n-propylamine	7.35	70	75686	10.199	ng	#	82
25) Isophorone	7.35	82	576231	33.278	ng	#	64
49) Dimethylphthalate	9.52	163	74517	5.341	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	9639	2.723	ng	#	1
70) Phenanthrene	11.33	178	112949	6.447	ng		98
71) Anthracene	11.33	178	112949	6.311	ng		99
74) Fluoranthene	12.52	202	329308	17.907	ng		98
77) Pyrene	12.75	202	336331	16.202	ng		99
80) Benzo(a)anthracene	13.94	228	177777	9.734	ng		99
82) Chrysene	13.98	228	184494	10.699	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	70916	4.618	ng	#	92
87) Benzo(b)fluoranthene	15.00	252	230175	18.050	ng	#	89
88) Benzo(k)fluoranthene	15.00	252	230175	18.564	ng	#	92
89) Benzo(a)pyrene	15.37	252	108807	9.256	ng	#	91
90) Dibenzo(a,h)anthracene	16.89	278	23963	2.374	ng	#	67
91) Benzo(g,h,i)perylene	17.36	276	64652	6.469	ng	#	94

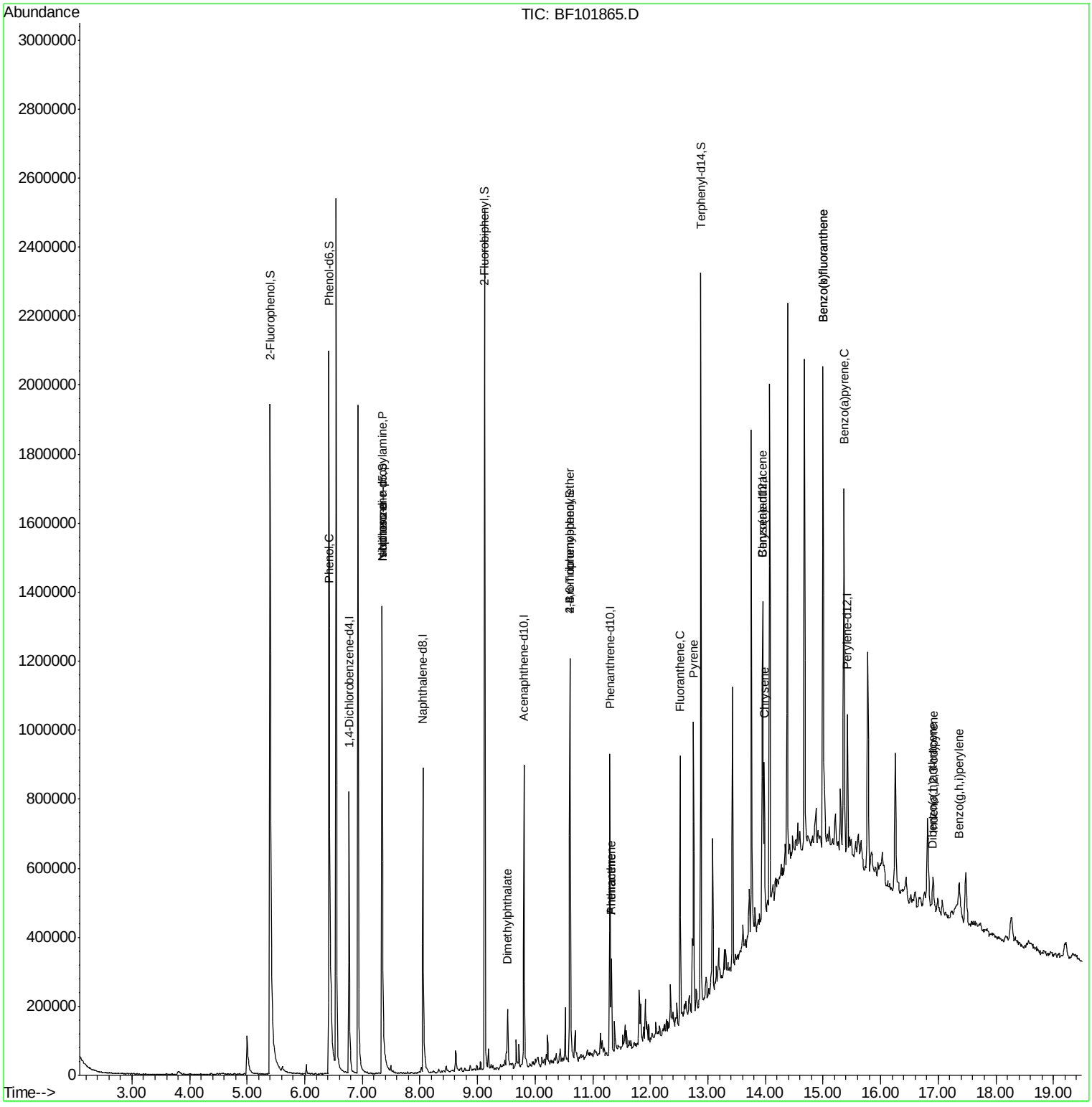
(#) = qualifier out of range (m) = manual integration (+) = signals summed

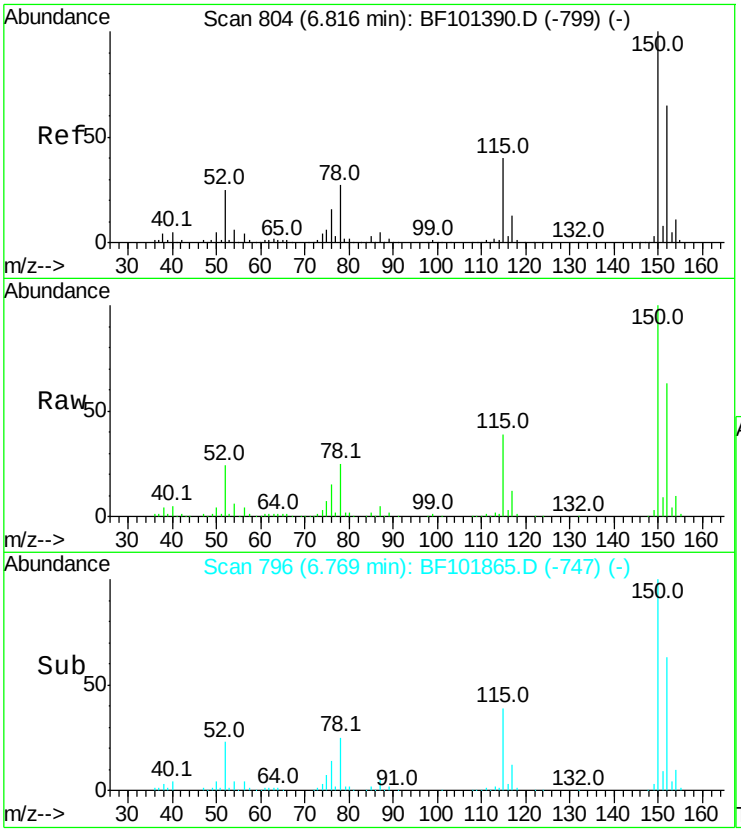
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101865.D
Acq On : 3 Jan 2018 17:38
Operator : SJ/JU
Sample : I6680-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 04 00:08:56 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



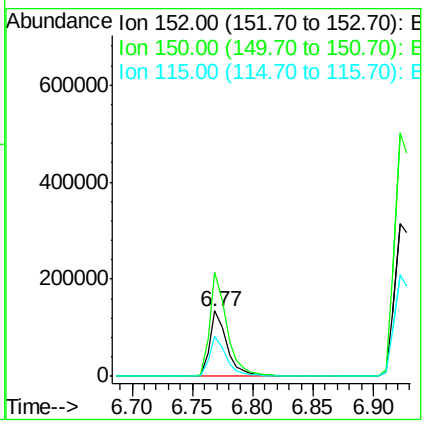


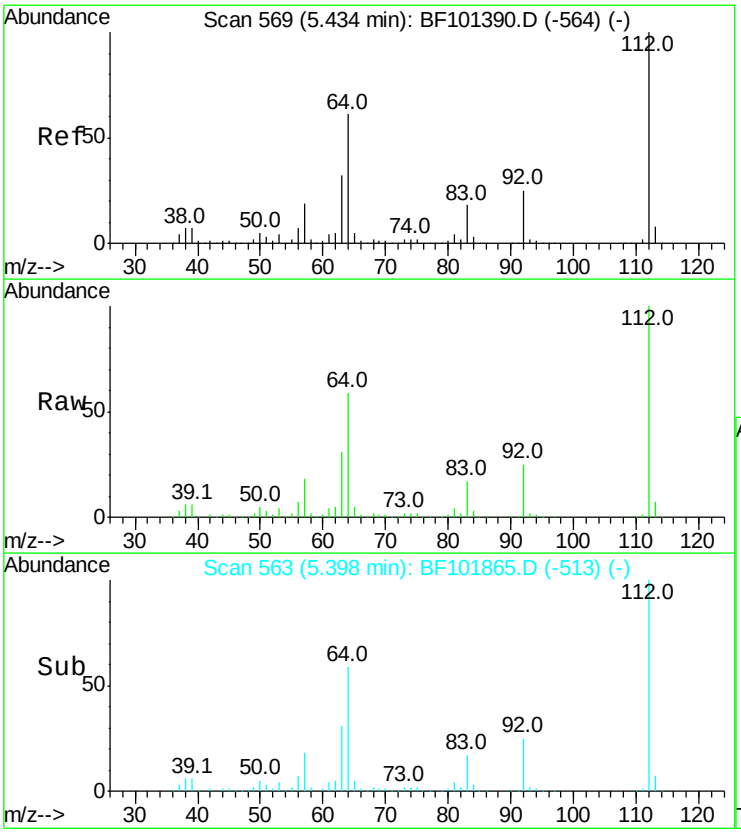
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135249

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	61.6	50.1	75.1

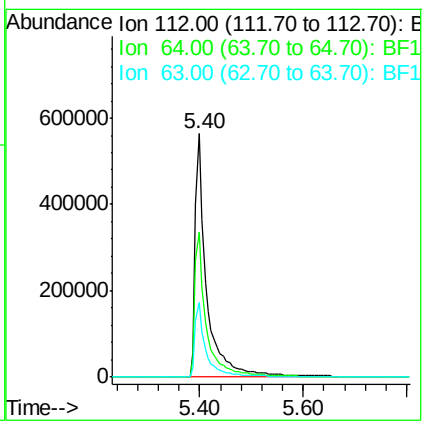


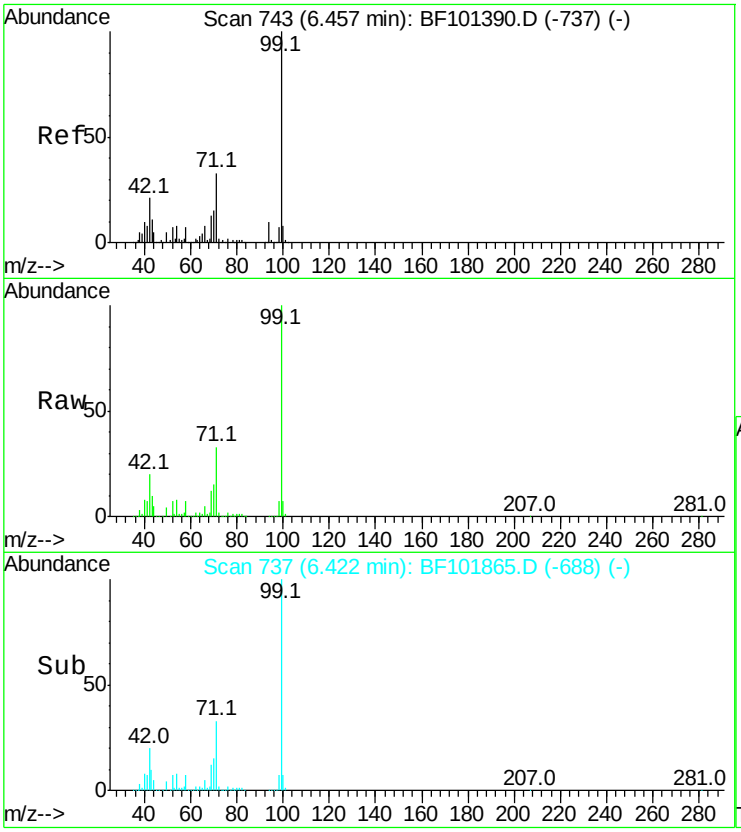


#5
2-Fluorophenol
Concen: 96.070 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:112 Resp: 872286

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.9	71.9
63	30.8	23.7	35.5



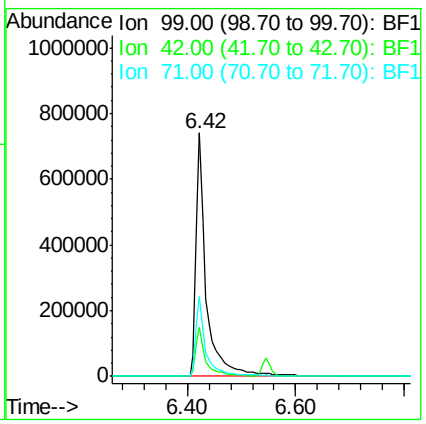


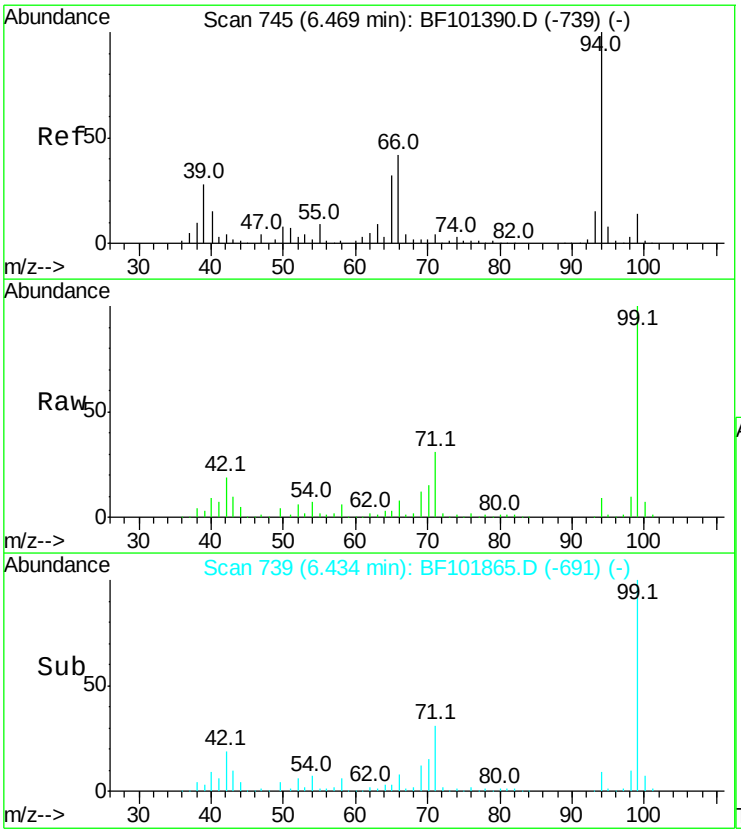
#7
Phenol-d6
Concen: 87.143 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 984714

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.7	25.4	38.0

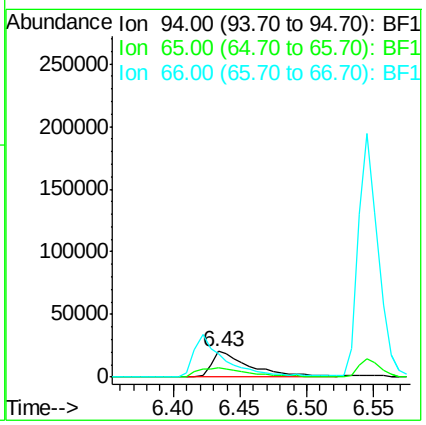


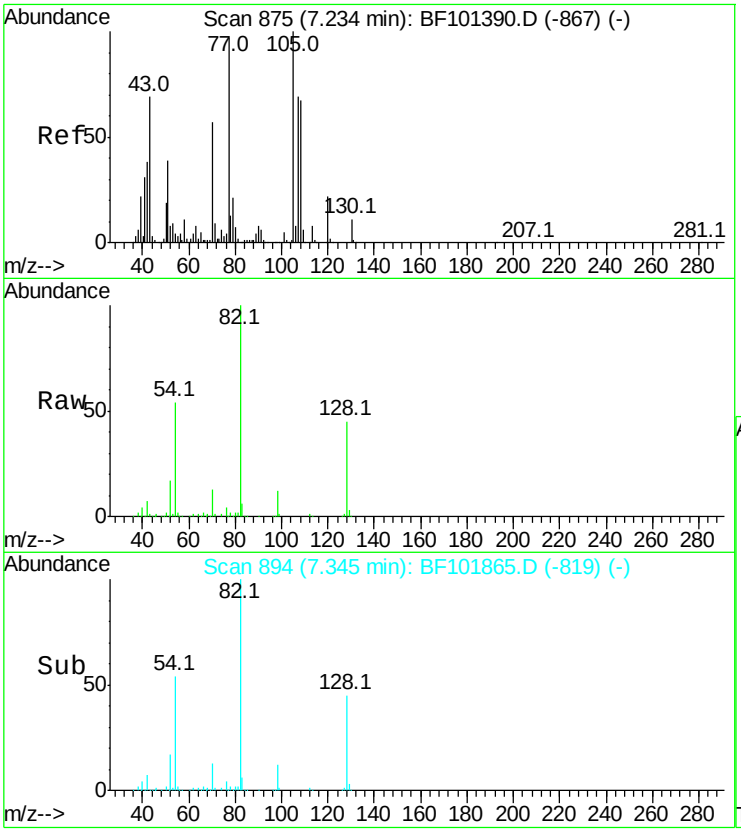


#10
Phenol
Concen: 3.192 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion: 94 Resp: 41114

Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.9	47.9
66	88.5	16.2	56.2#



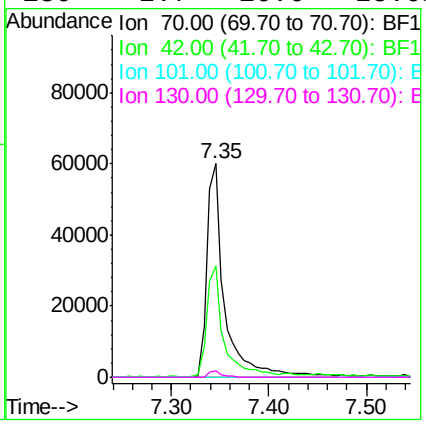


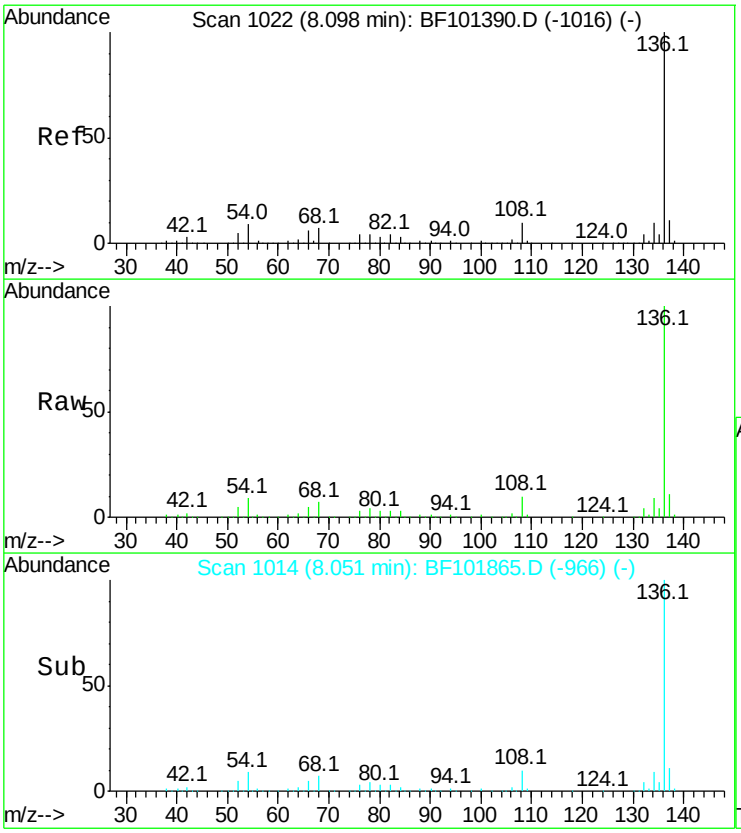
#19
n-Nitroso-di-n-propylamine
Concen: 10.199 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 75686

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#

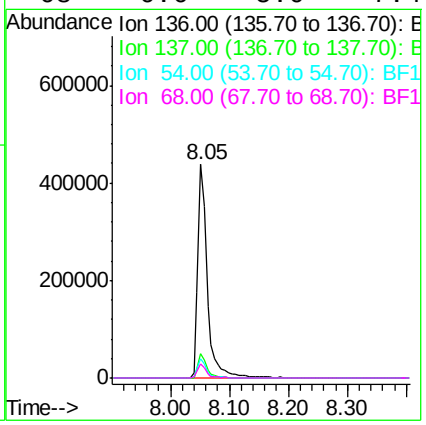


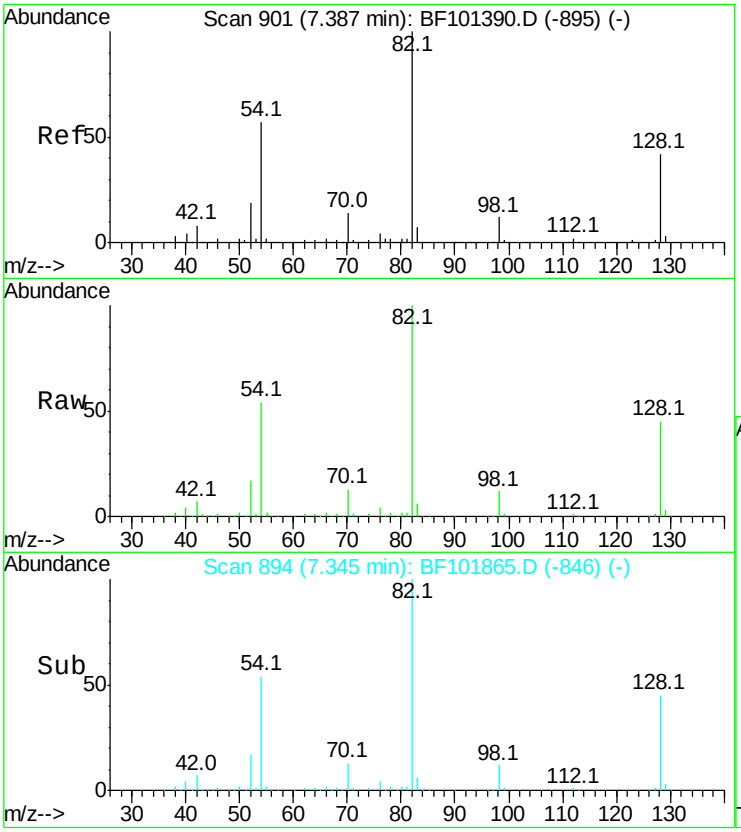


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:136 Resp: 480486

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4

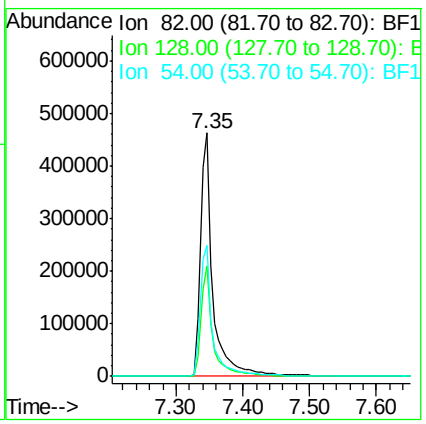




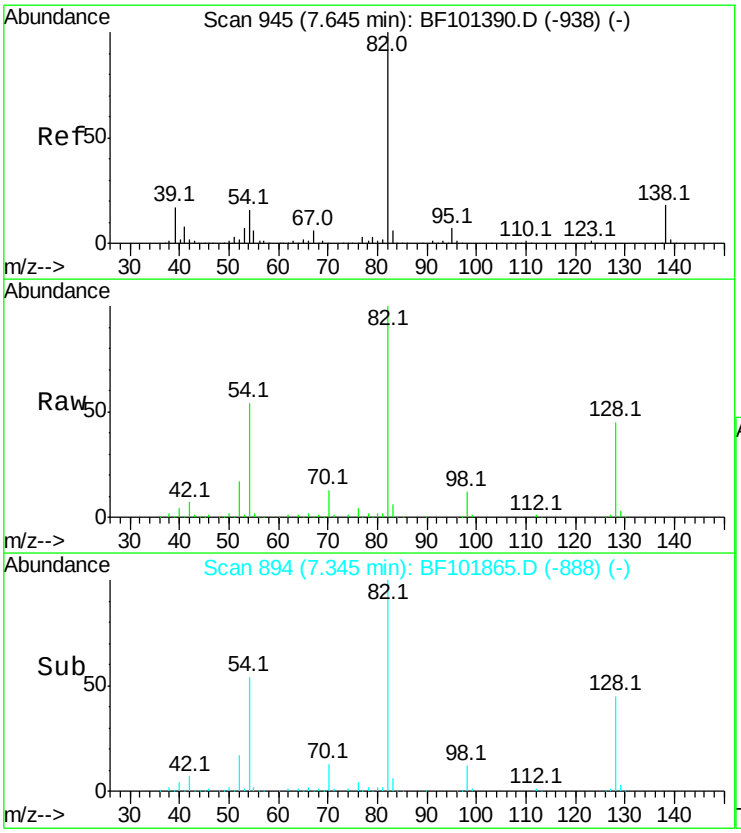
#23
Nitrobenzene-d5
Concen: 66.758 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion: 82 Resp: 576231

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.7	41.4	62.2



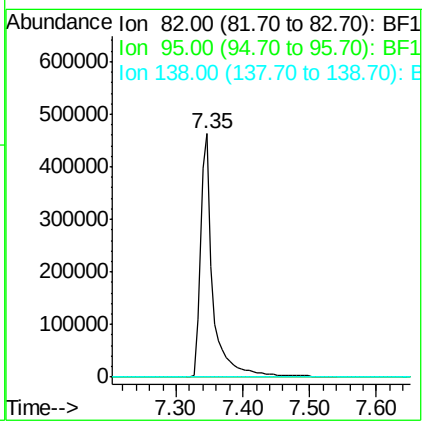
Instrument :
BNA_F
ClientSampleId :

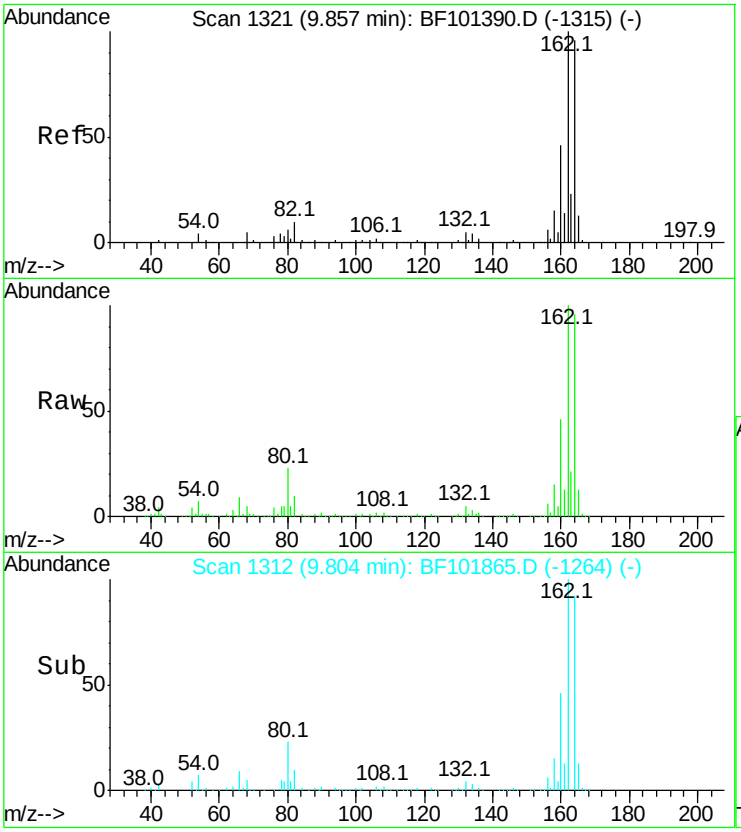


#25
Isophorone
Concen: 33.278 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion: 82 Resp: 576231

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



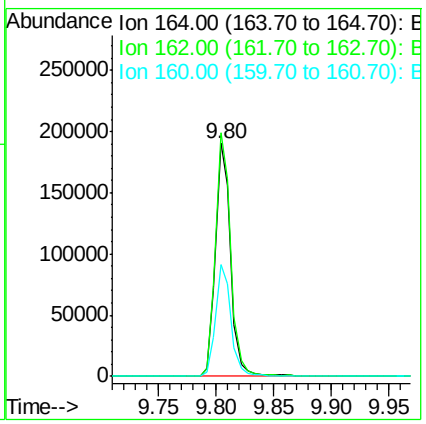


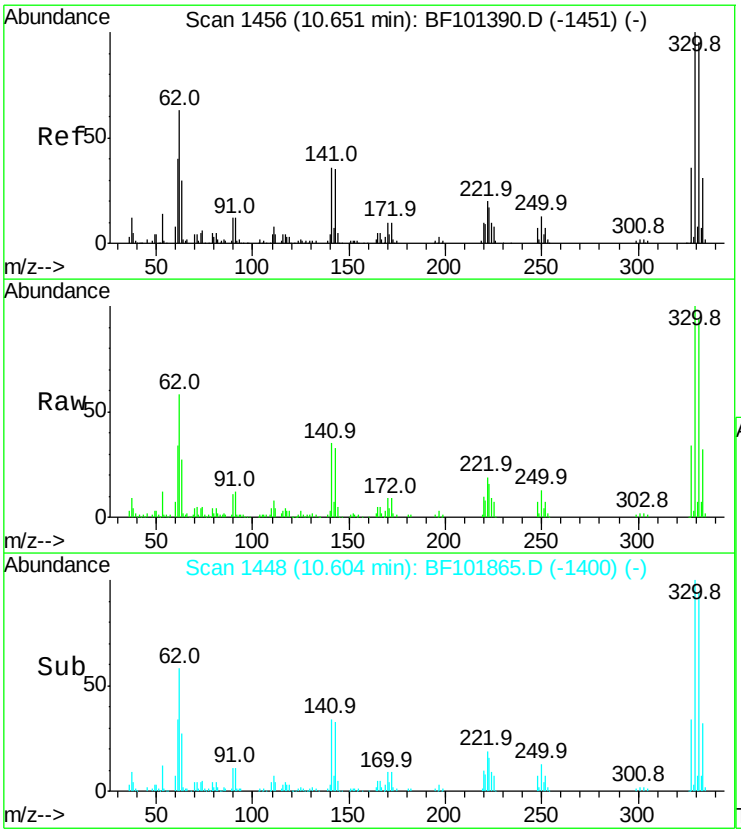
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 173446

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	48.0	38.3	57.5

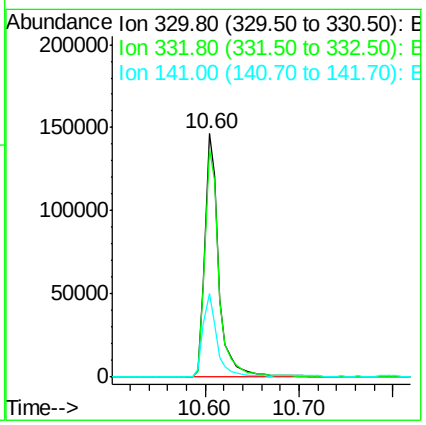


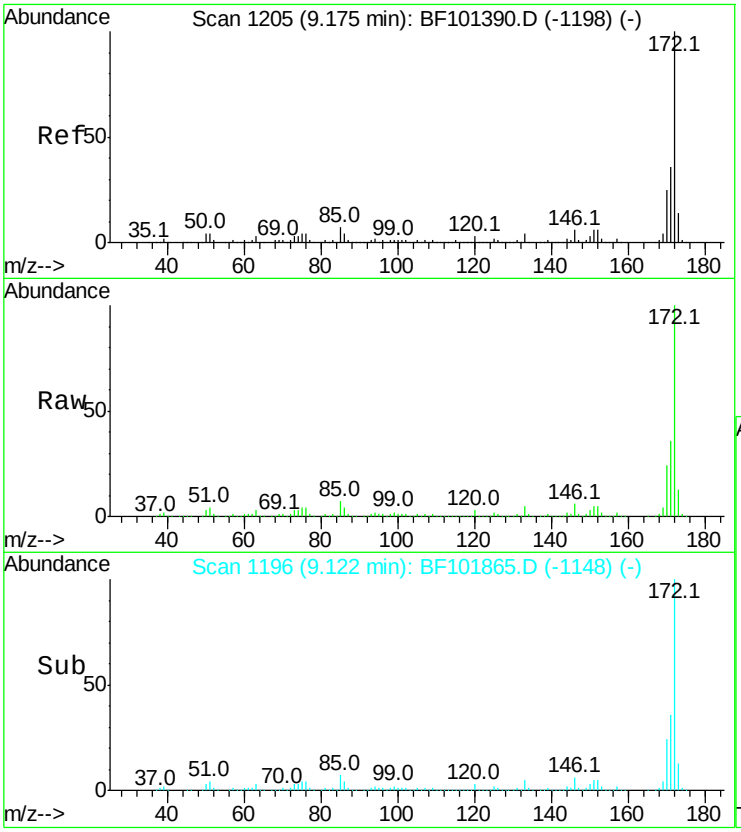


#41
2,4,6-Tribromophenol
Concen: 91.601 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:330 Resp: 153091

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.6	29.9	44.9



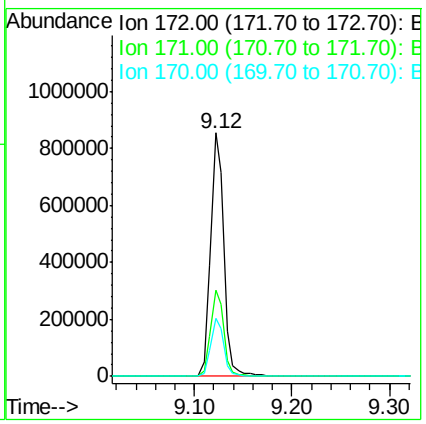


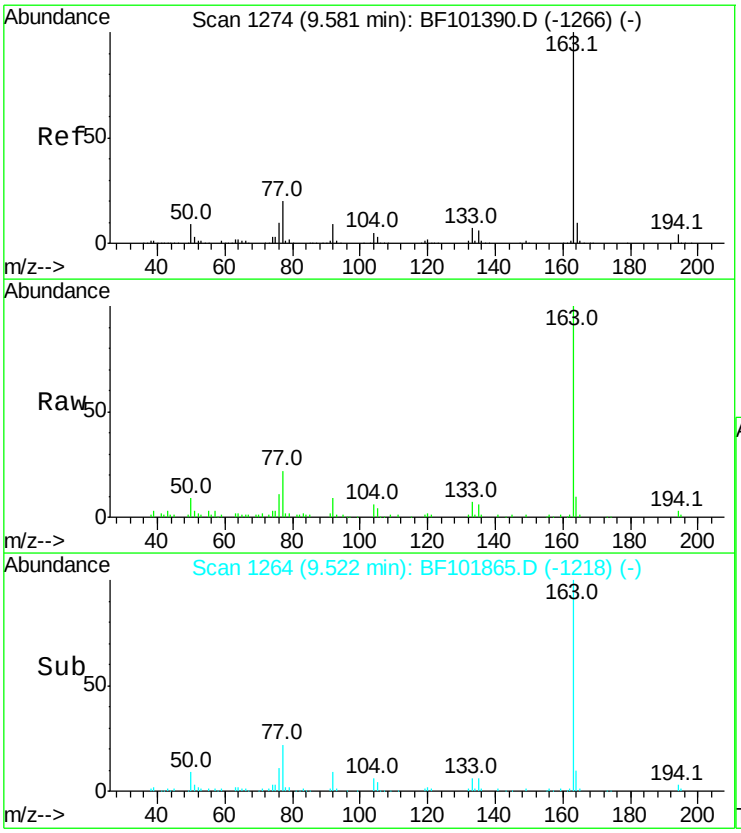
#44
2-Fluorobiphenyl
Concen: 71.944 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 804418

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

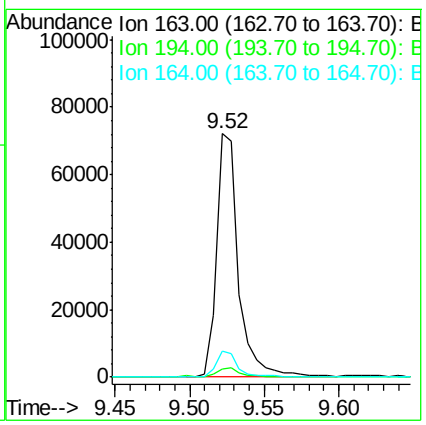


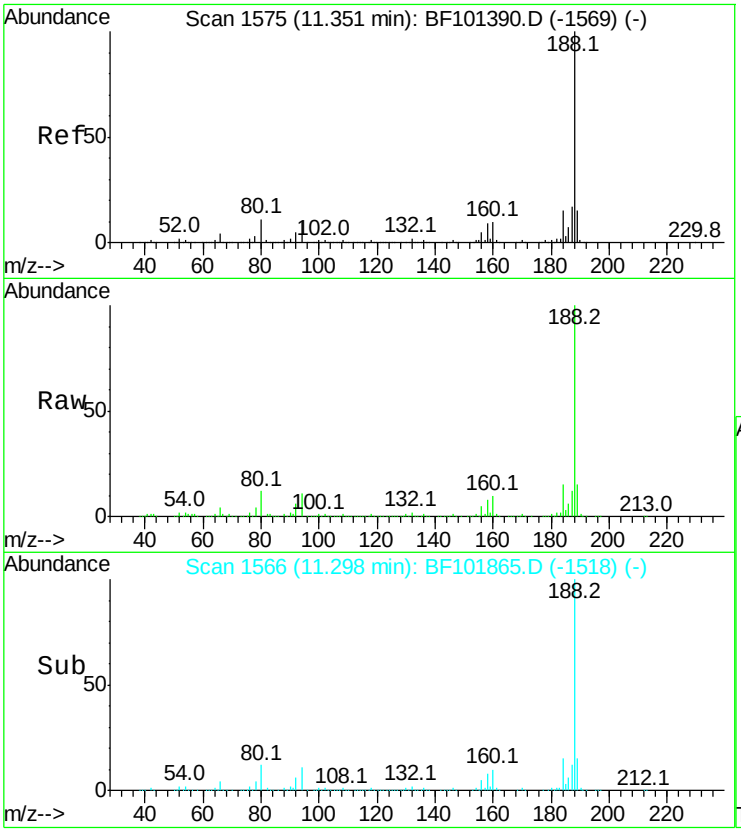


#49
Dimethylphthalate
Concen: 5.341 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:163 Resp: 74517

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2



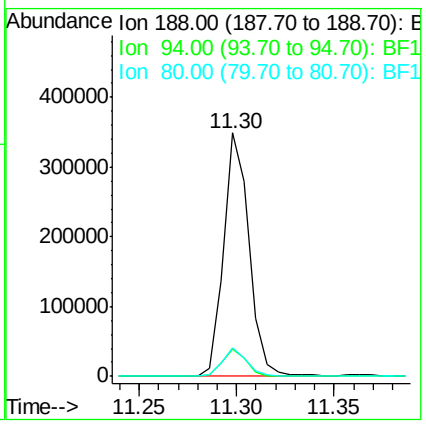


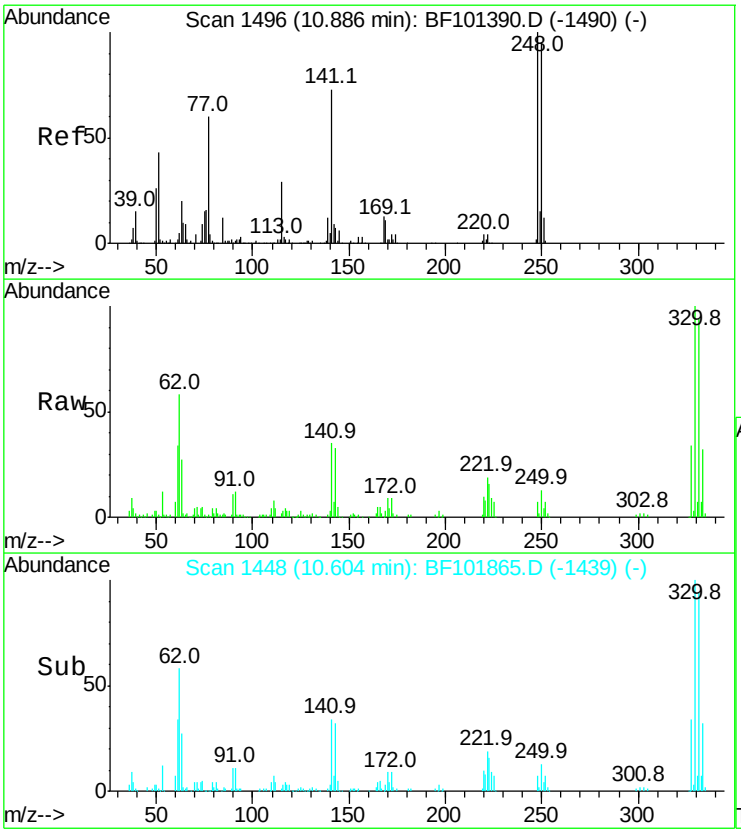
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 315043

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.7	9.2	13.8

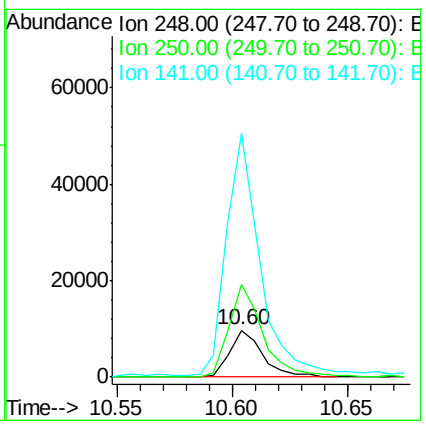


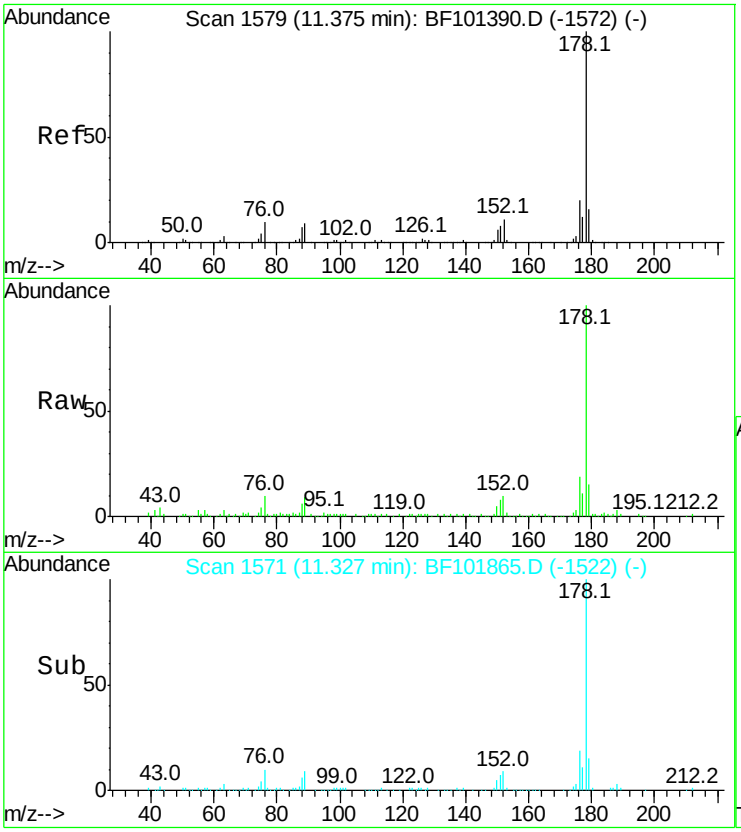


#66
4-Bromophenyl-phenylether
Concen: 2.723 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:248 Resp: 9639

Ion	Ratio	Lower	Upper
248	100		
250	198.0	76.9	115.3#
141	523.8	74.4	111.6#



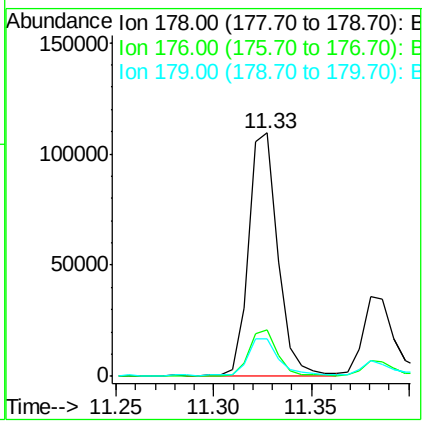


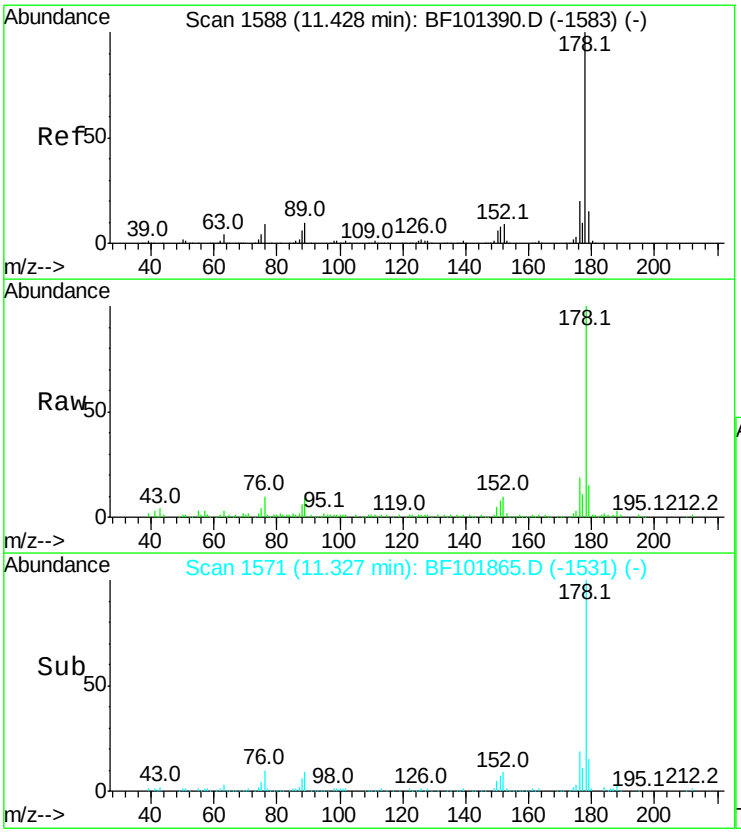
#70
Phenanthrene
Concen: 6.447 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 112949

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6

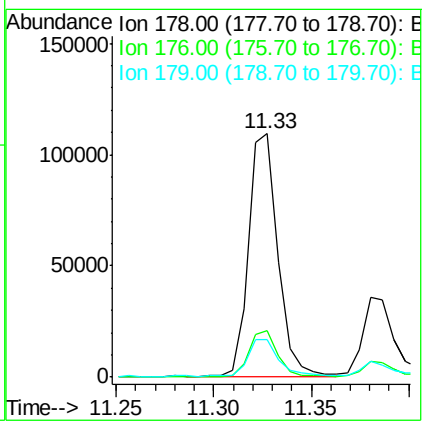


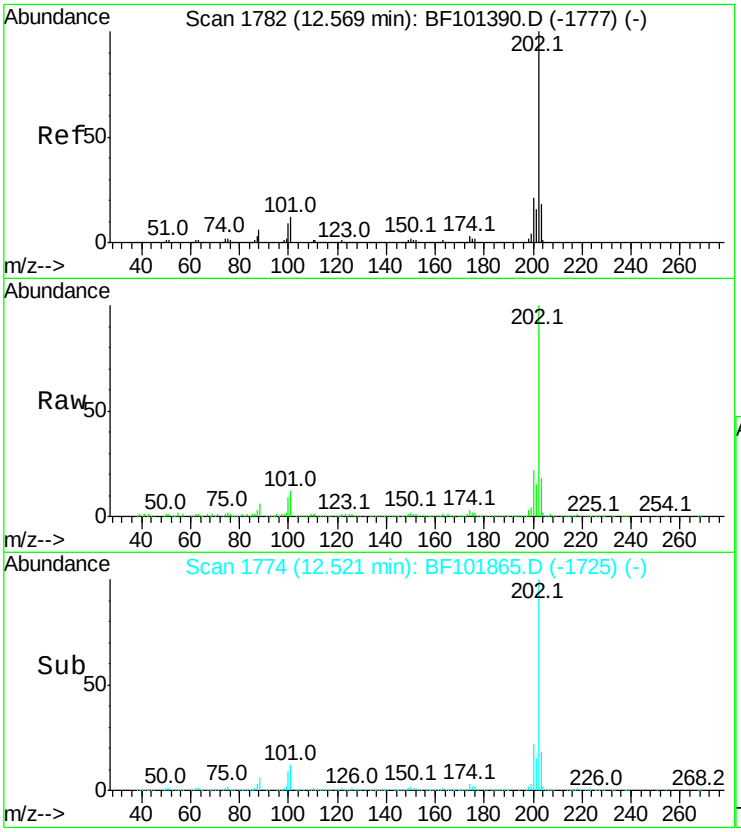


#71
Anthracene
Concen: 6.311 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.06 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:178 Resp: 112949

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.2	12.6	19.0



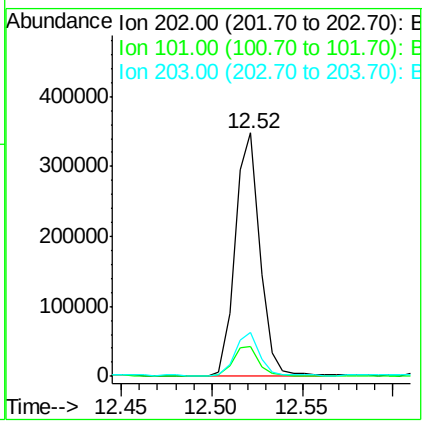


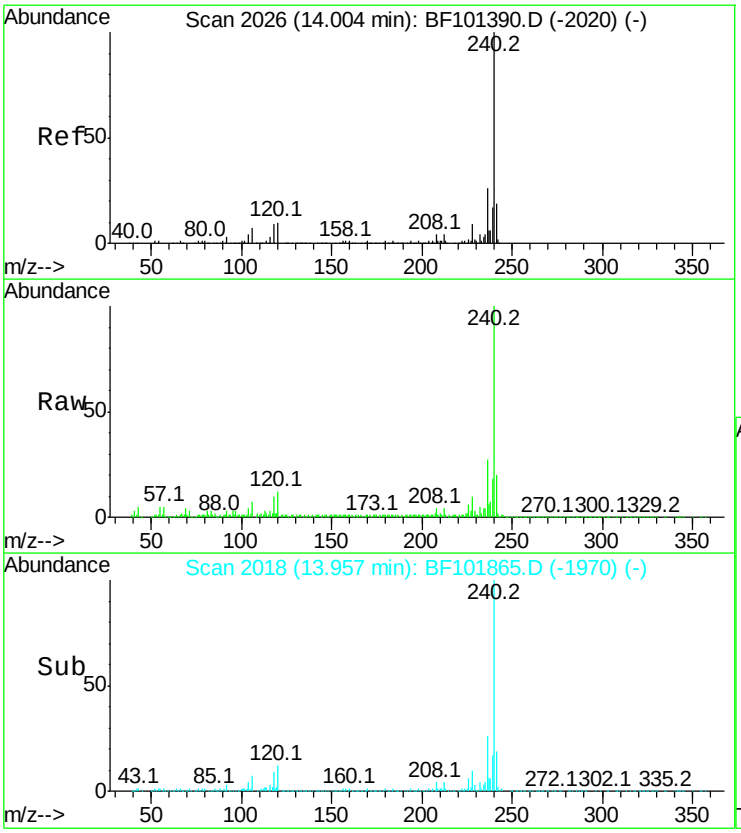
#74
Fluoranthene
Concen: 17.907 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 329308

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.8	0.0	38.1

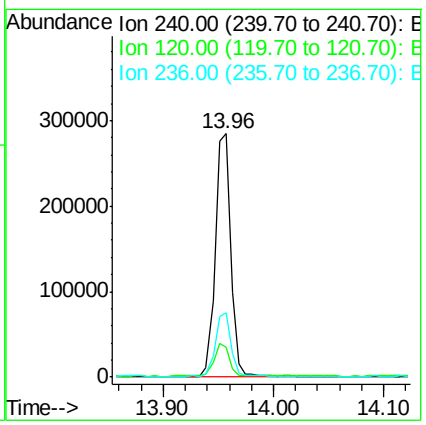


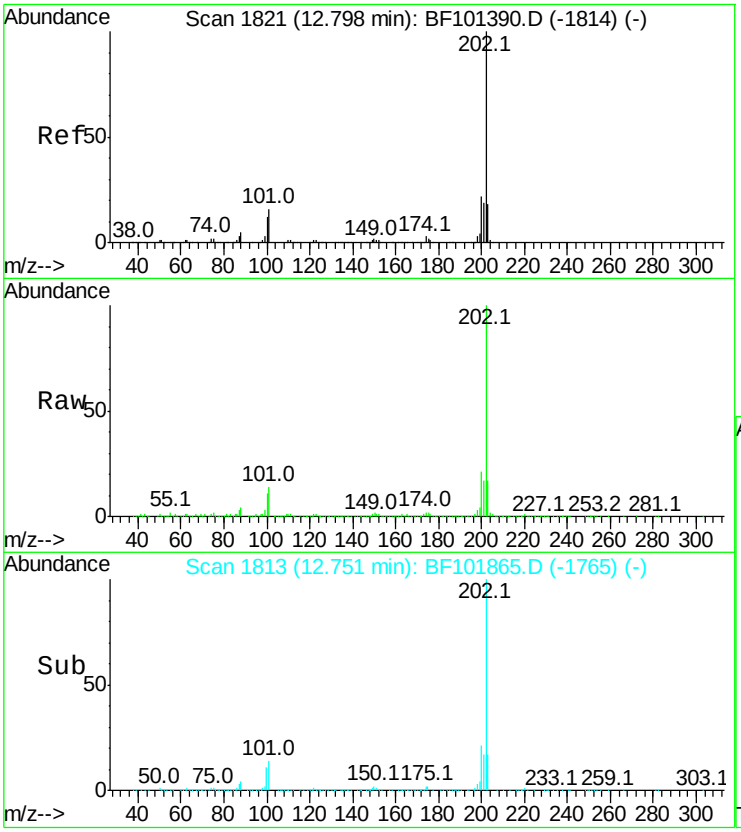


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:240 Resp: 276599

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.7	20.7	31.1



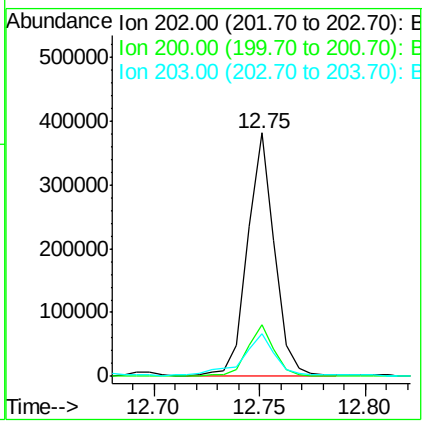


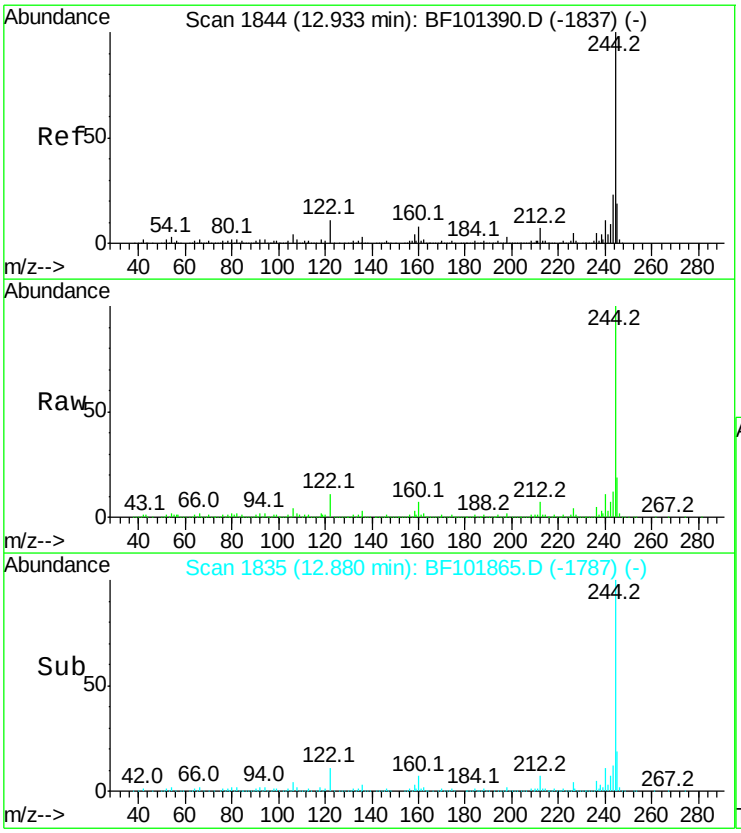
#77
Pyrene
Concen: 16.202 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 336331

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5

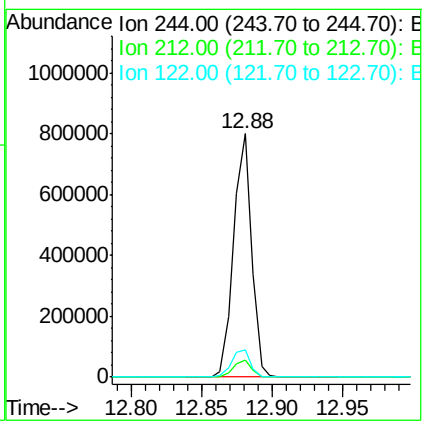


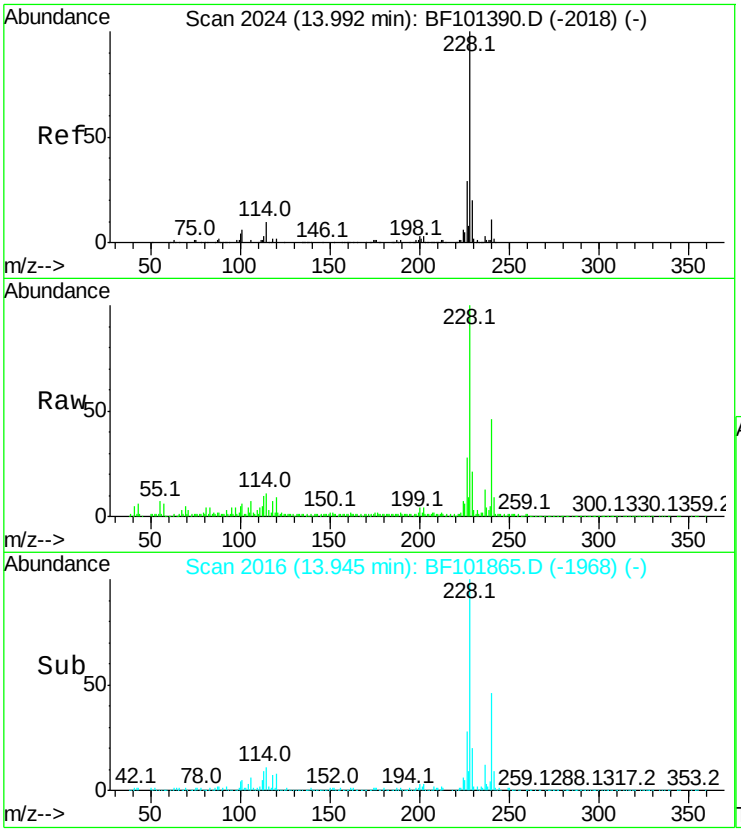


#78
Terphenyl-d14
Concen: 61.885 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:244 Resp: 710040

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4



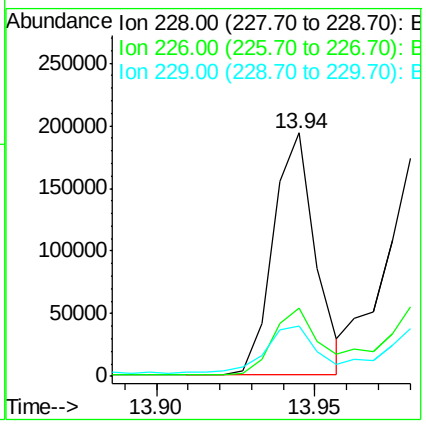


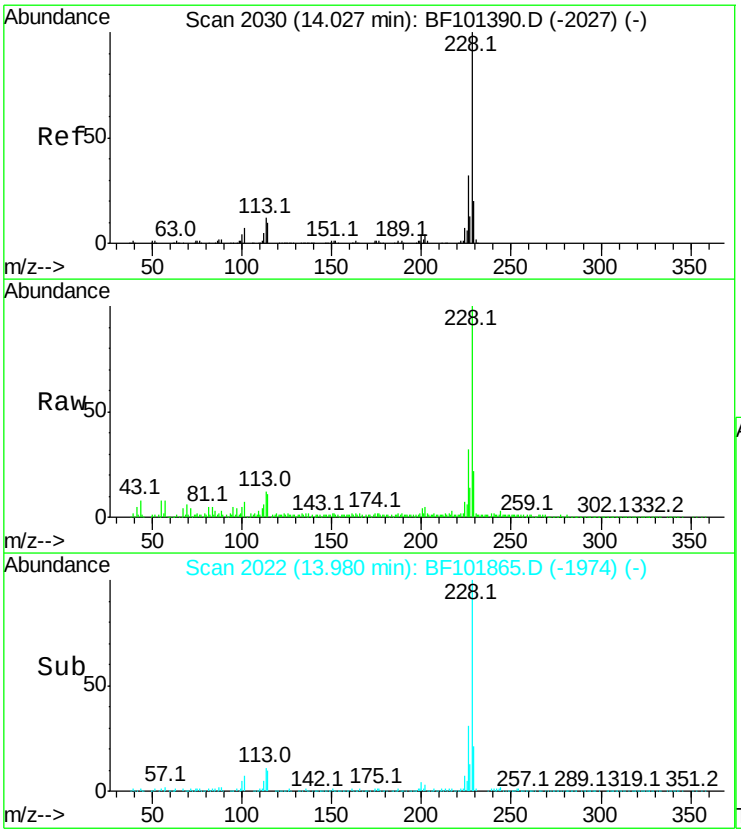
#80
Benzo(a)anthracene
Concen: 9.734 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 177777

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.6	15.8	23.6

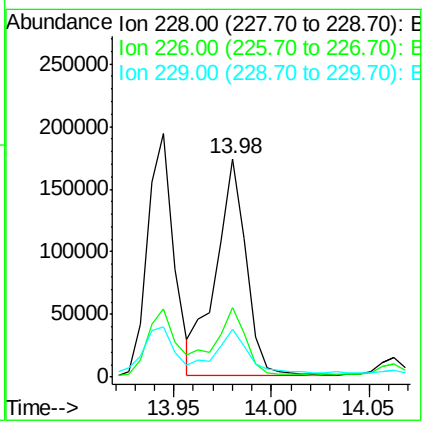


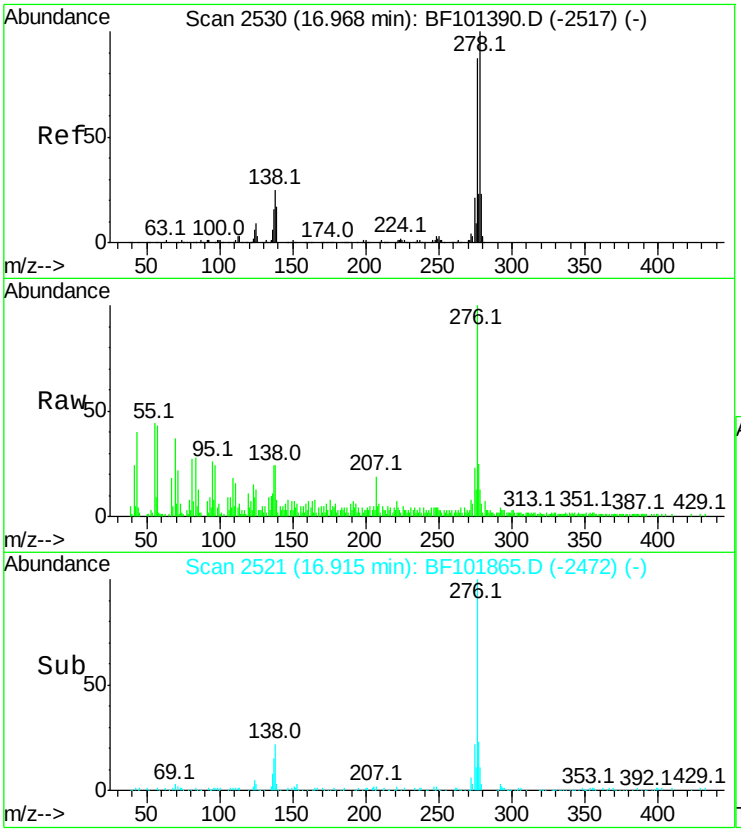


#82
Chrysene
Concen: 10.699 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:228 Resp: 184494

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	22.1	16.2	24.4



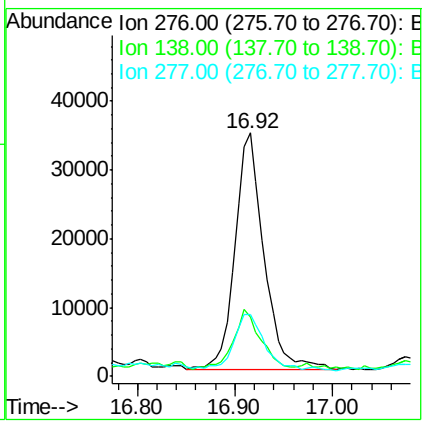


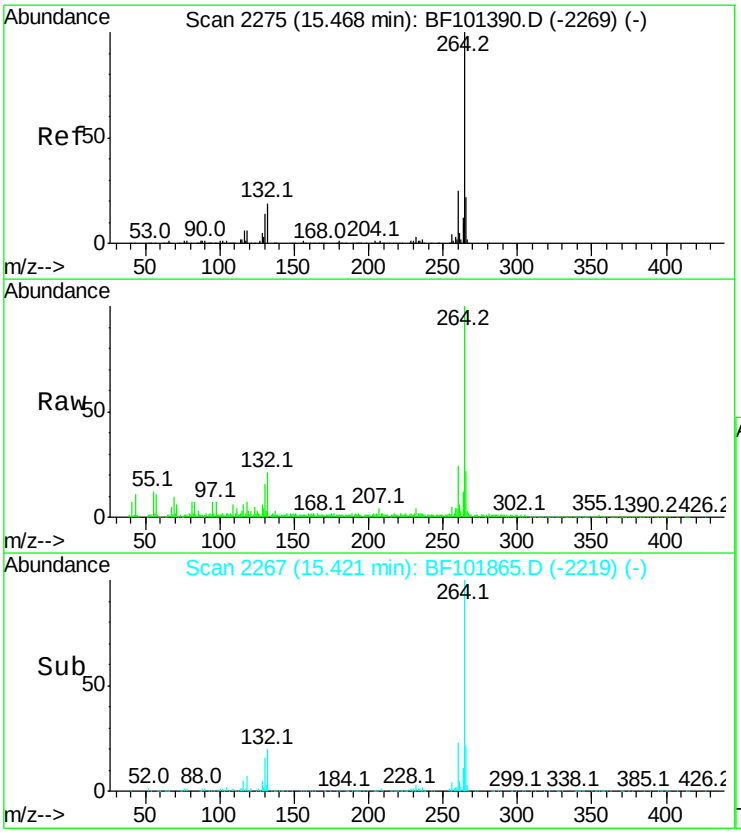
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.618 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 70916

Ion	Ratio	Lower	Upper
276	100		
138	24.6	25.0	37.6#
277	23.6	20.1	30.1

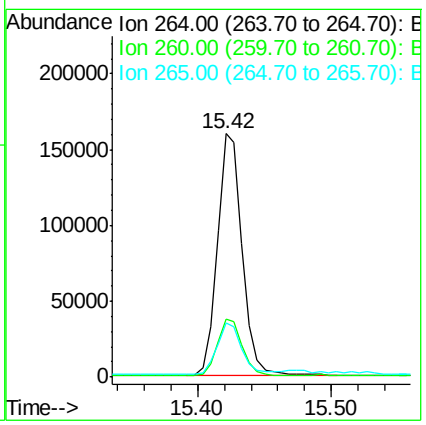


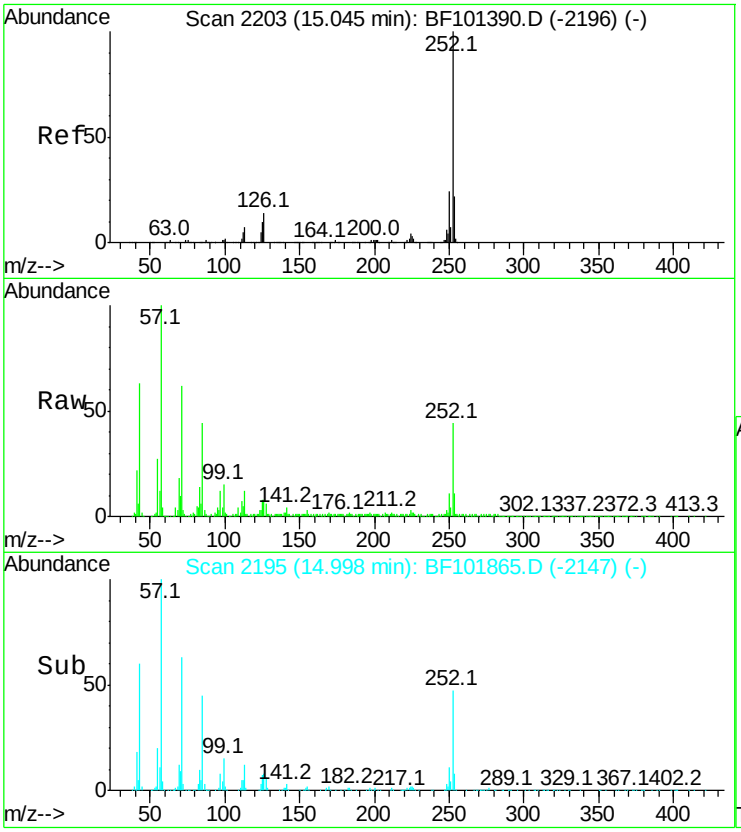


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:264 Resp: 209218

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3



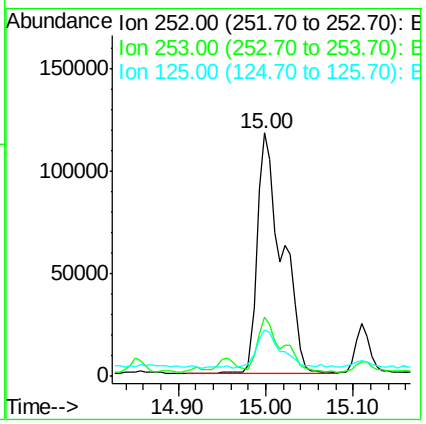


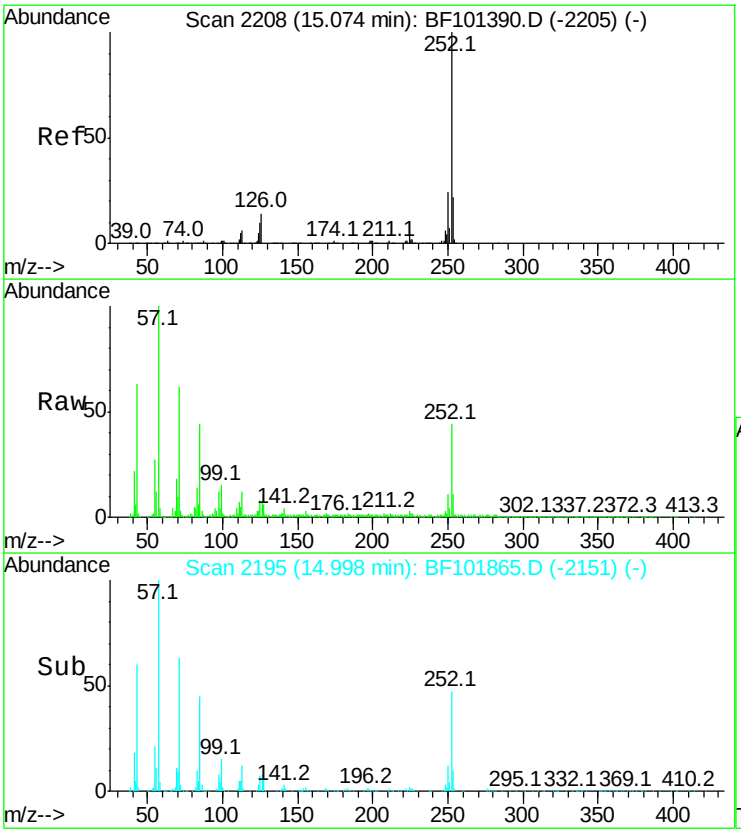
#87
Benzo(b)fluoranthene
Concen: 18.050 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 230175

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	19.1	9.0	13.6#

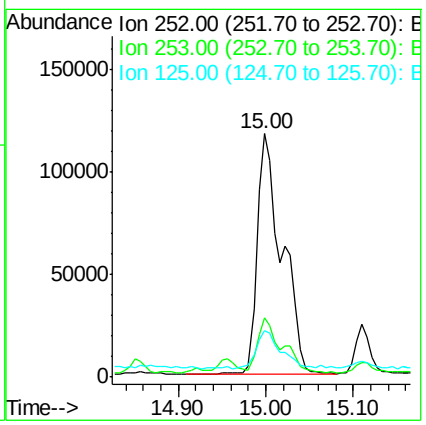


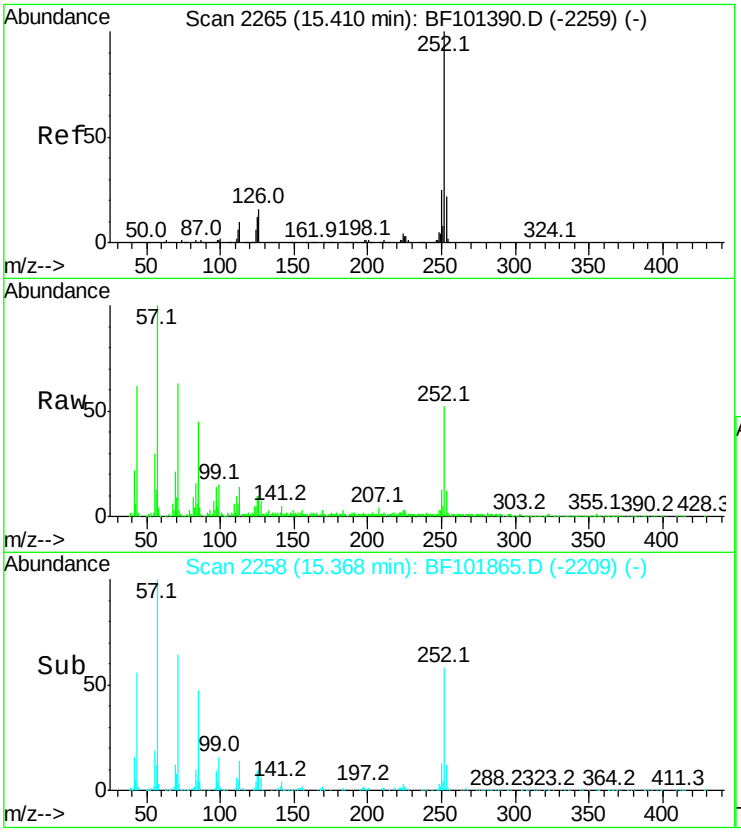


#88
Benzo(k)fluoranthene
Concen: 18.564 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:252 Resp: 230175

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	19.1	10.2	15.2#



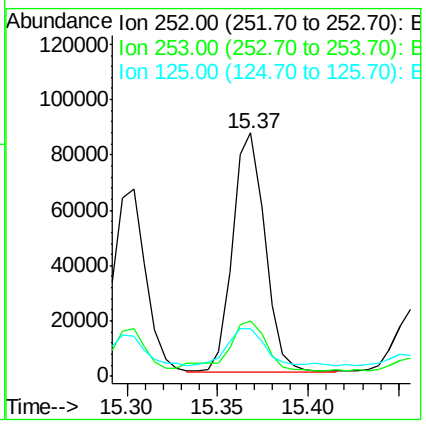


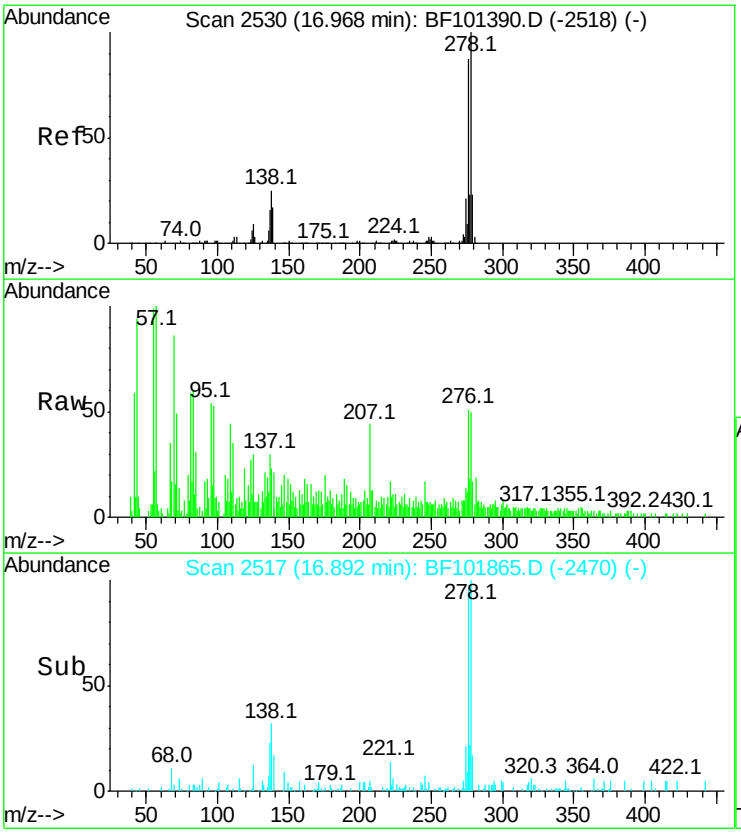
#89
Benzo(a)pyrene
Concen: 9.256 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 108807

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	19.8	9.8	14.6#

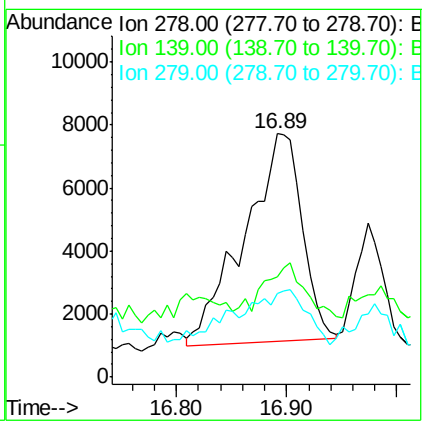


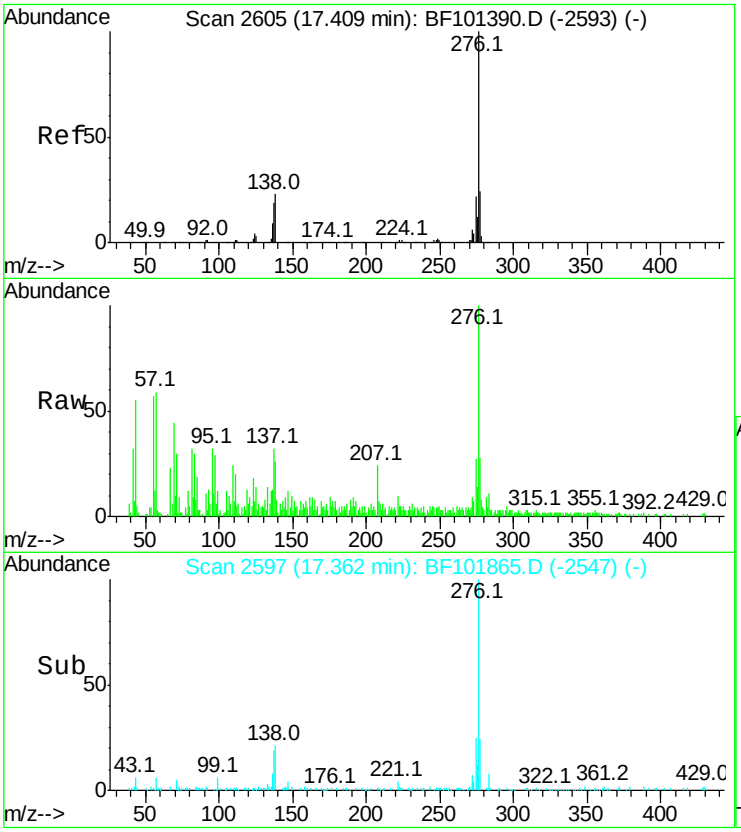


#90
Dibenzo(a,h)anthracene
Concen: 2.374 ng
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Tgt Ion:278 Resp: 23963

Ion	Ratio	Lower	Upper
278	100		
139	41.1	15.9	23.9#
279	34.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 6.469 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BF101865.D
Acq: 3 Jan 2018 17:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 64652

Ion	Ratio	Lower	Upper
276	100		
277	28.1	17.9	26.9#
138	26.4	21.8	32.8