Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101883.D
Acq On : 4 Jan 2018 3:32
Operator : SJ/JU
Sample : J1004-18 2X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 04 04:36:15 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	122915	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	436754	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	153992	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	274943	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	266914	20.00	ng		-0.02
86) Perylene-d12	15.42	264	202933	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	424571	51.45	ng		0.00
7) Phenol-d6	6.42	99	511408	49.80	ng		-0.01
23) Nitrobenzene-d5	7.35	82	284303	36.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	64656	43.57	ng		-0.01
44) 2-Fluorobiphenyl	9.12	172	325552	32.79	ng		-0.02
78) Terphenyl-d14	12.87	244	272826	24.64	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	35349	5.241	ng	#	81
25) Isophorone	7.35	82	284303	18.063	ng	#	64
49) Dimethylphthalate	9.53	163	29802	2.406	ng		99
50) 2,6-Dinitrotoluene	9.80	165	19832	7.878	ng	#	25
55) 4-Nitrophenol	10.03	139	4246	3.102	ng	#	19
56) 2,4-Dinitrotoluene	9.80	165	19832	6.992	ng	#	22
70) Phenanthrene	11.32	178	184803	12.087	ng		97
71) Anthracene	11.32	178	184803	11.832	ng		98
74) Fluoranthene	12.52	202	204628	12.750	ng		98
77) Pyrene	12.75	202	188751	9.423	ng		99
80) Benzo(a)anthracene	13.94	228	92582	5.253	ng		94
82) Chrysene	13.98	228	97273	5.845	ng		98
85) Indeno(1,2,3-cd)pyrene	16.92	276	33392	2.253	ng		94
87) Benzo(b)fluoranthene	15.00	252	121407	9.815	ng	#	95
88) Benzo(k)fluoranthene	15.00	252	121407	10.095	ng	#	97
89) Benzo(a)pyrene	15.36	252	57937	5.081	ng		96
91) Benzo(g,h,i)perylene	17.37	276	29114	3.003	ng	#	92

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

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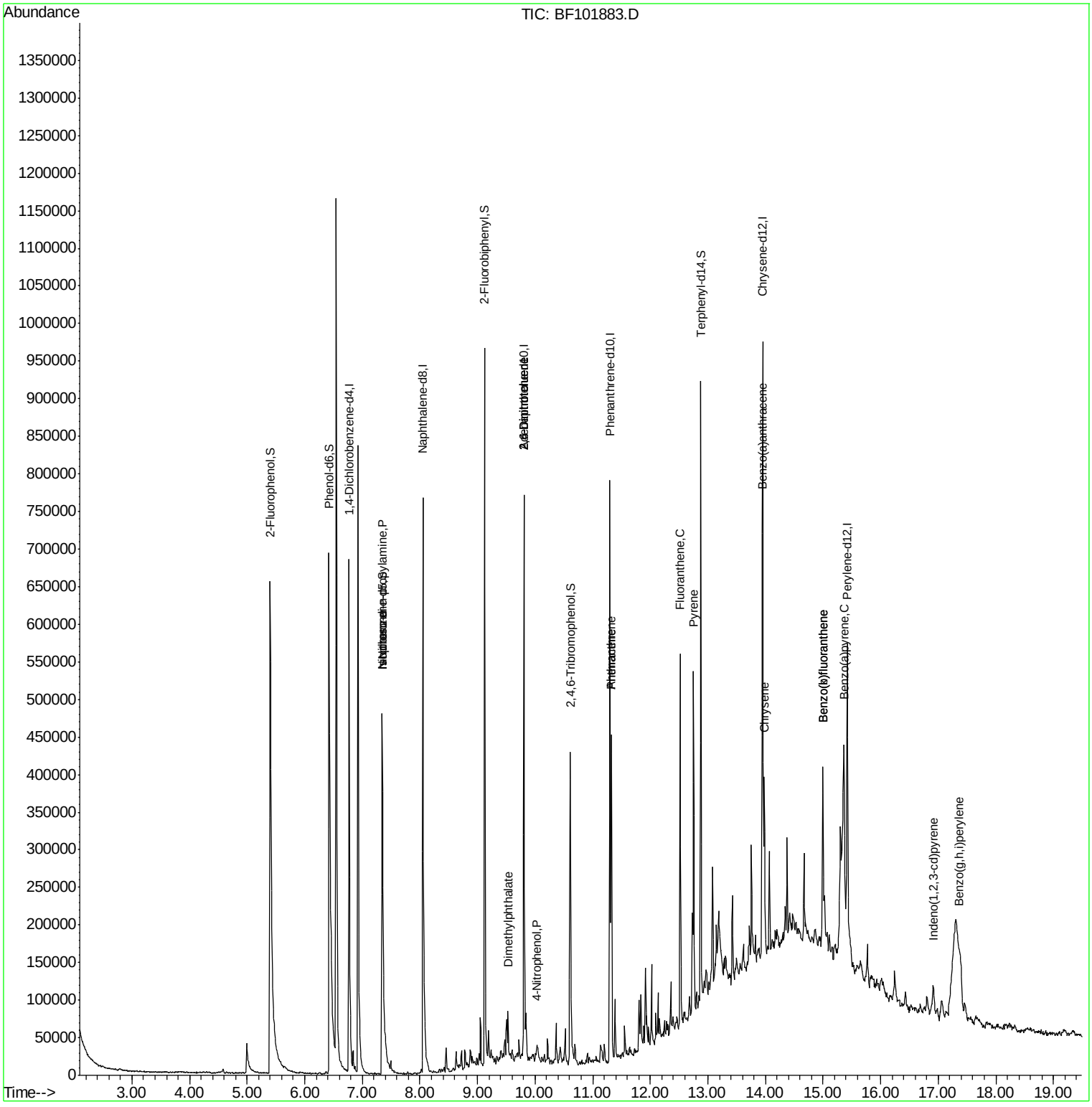
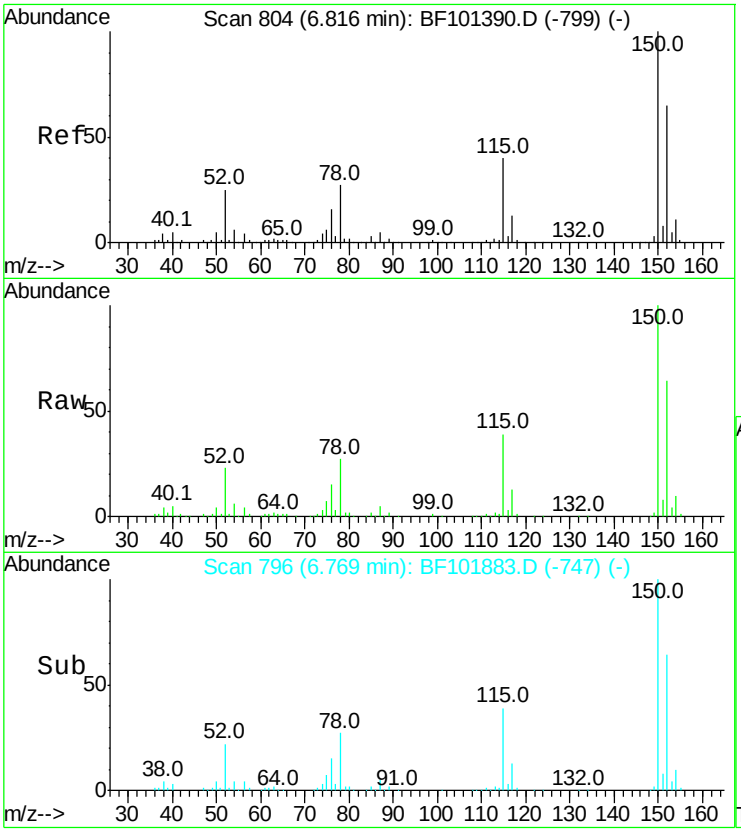


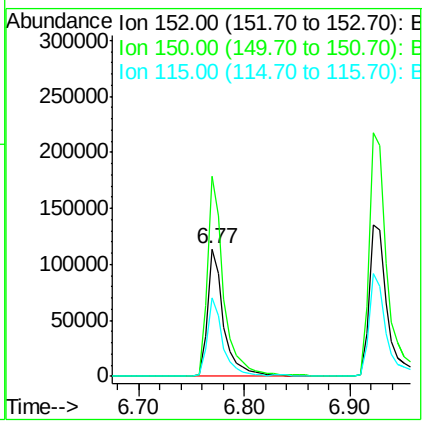


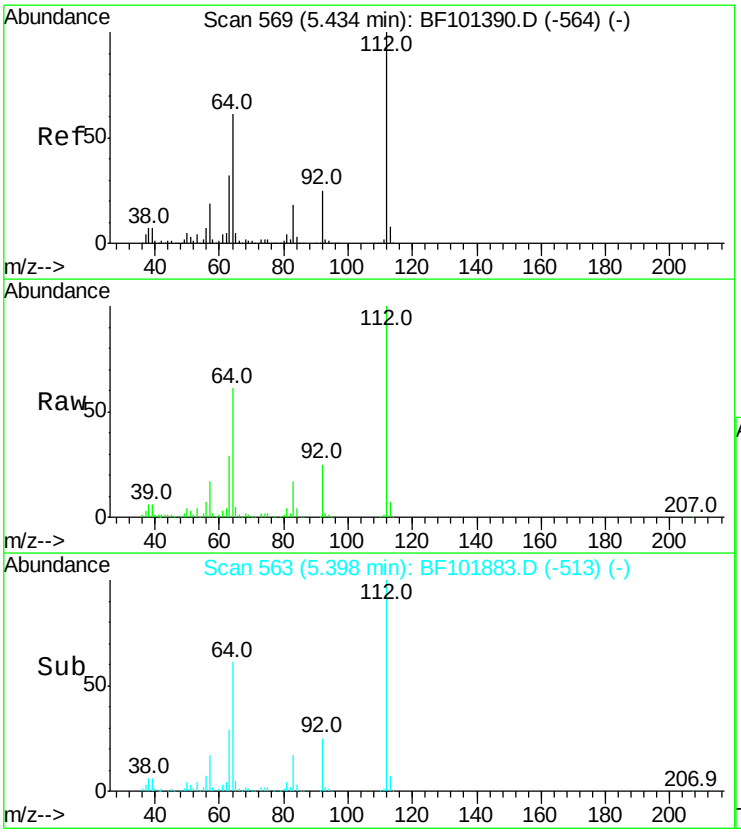
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122915

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	61.4	50.1	75.1

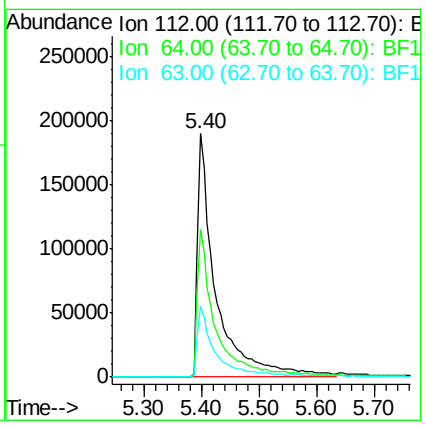


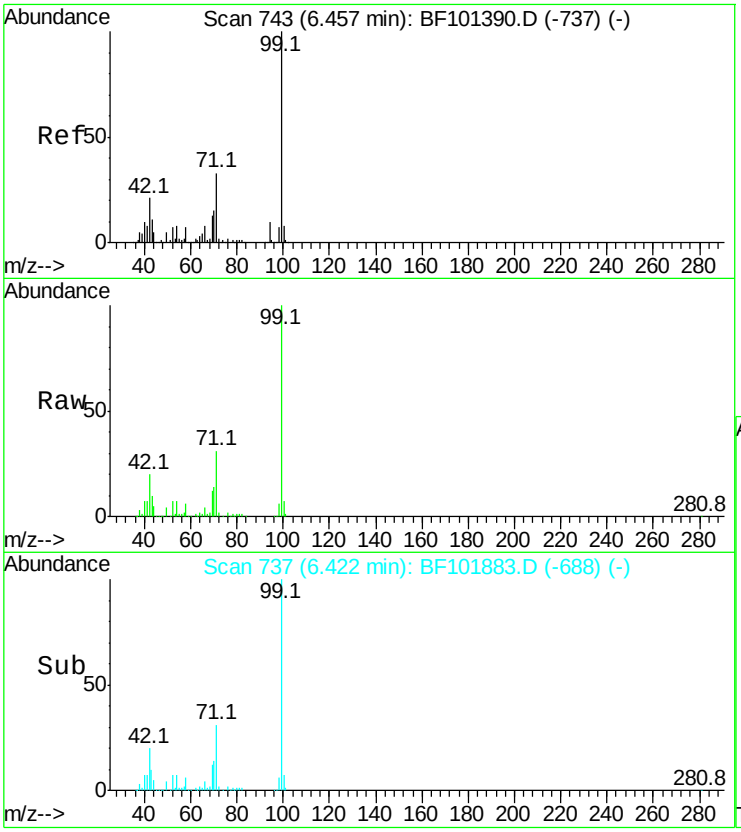


#5
2-Fluorophenol
Concen: 51.453 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:112 Resp: 424571

Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	29.1	23.7	35.5



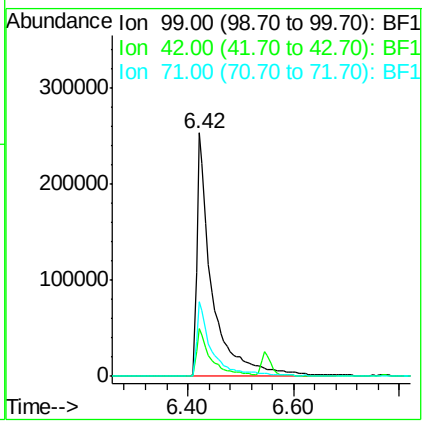


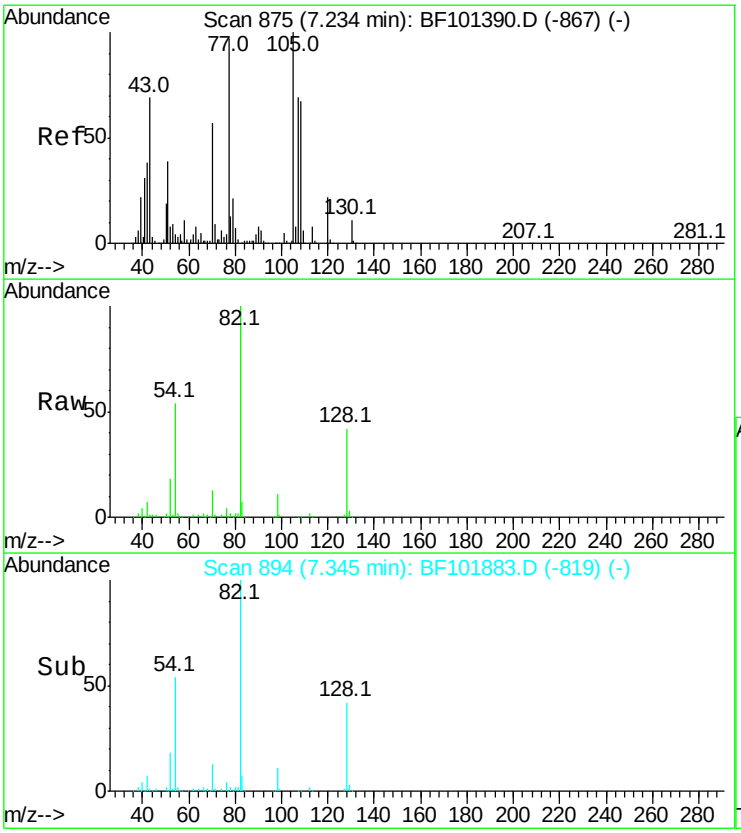
#7
Phenol-d6
Concen: 49.799 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 511408

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	30.7	25.4	38.0

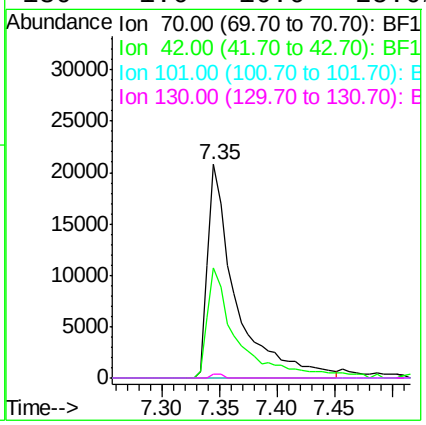


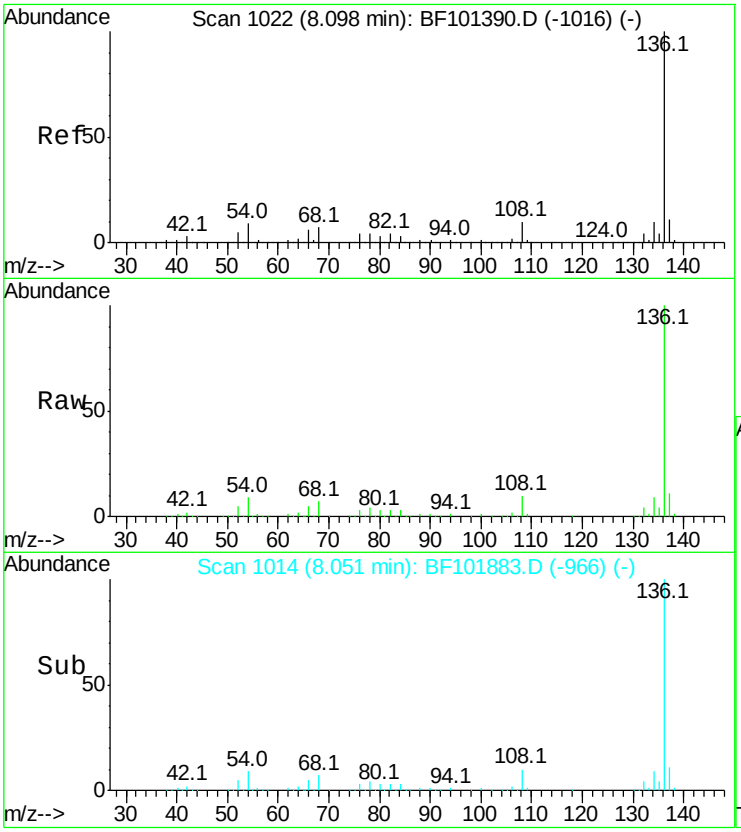


#19
n-Nitroso-di-n-propylamine
Concen: 5.241 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion: 70 Resp: 35349

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	16.6	25.0#



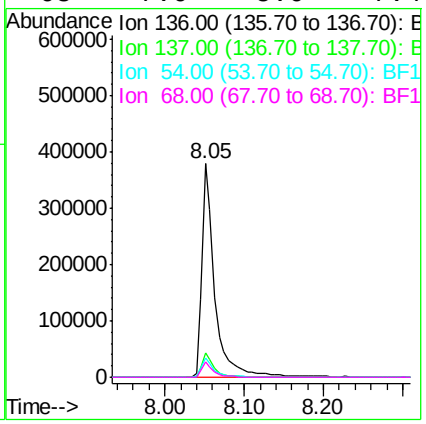


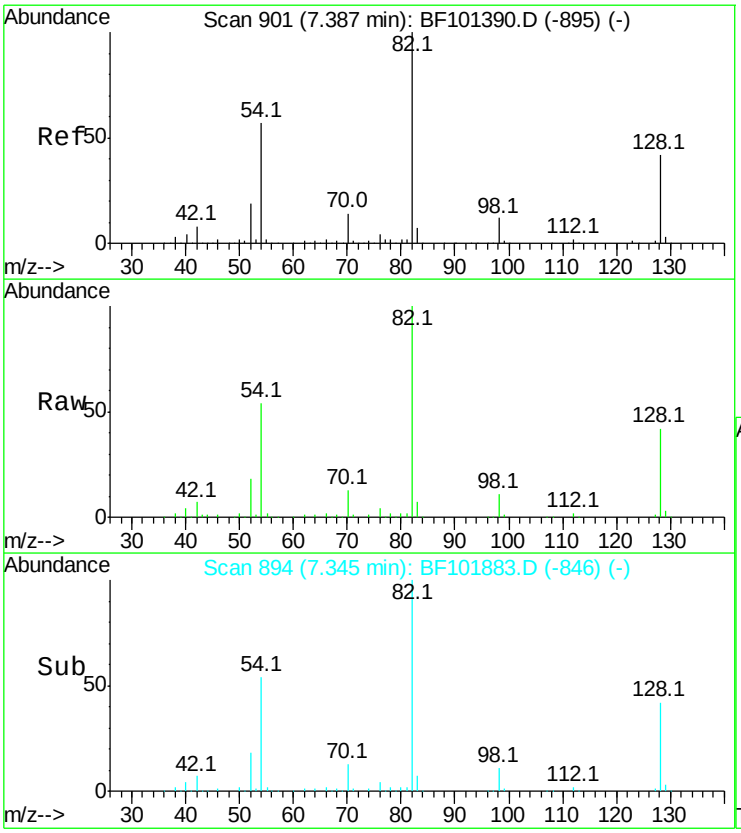
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 436754

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.2	6.6	9.8
68	7.0	5.0	7.4

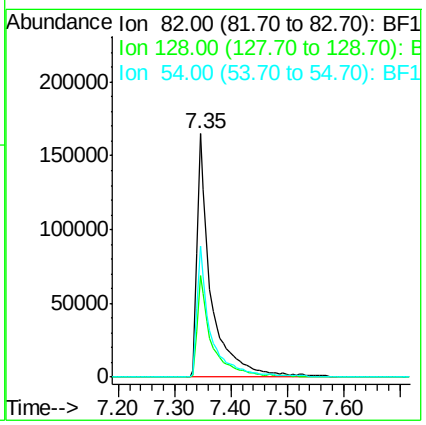


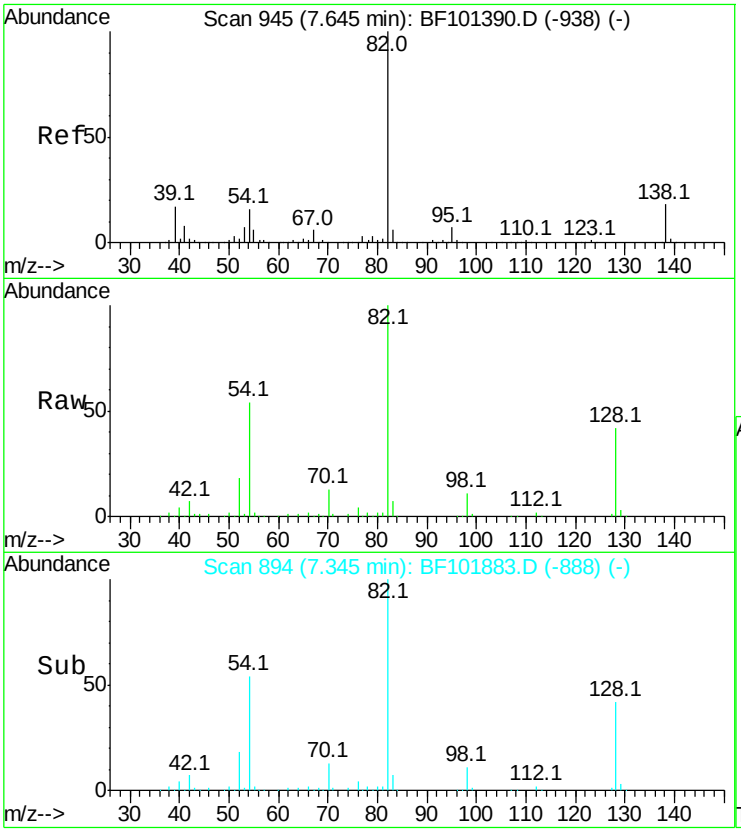


#23
Nitrobenzene-d5
Concen: 36.235 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion: 82 Resp: 284303

Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	53.8	41.4	62.2



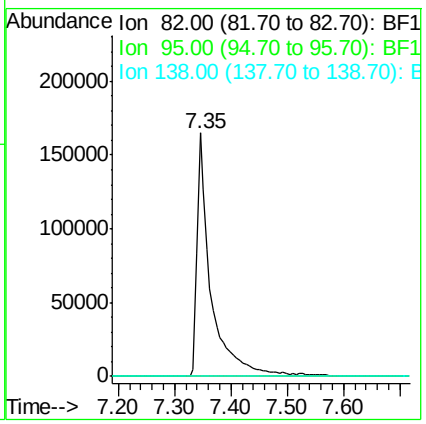


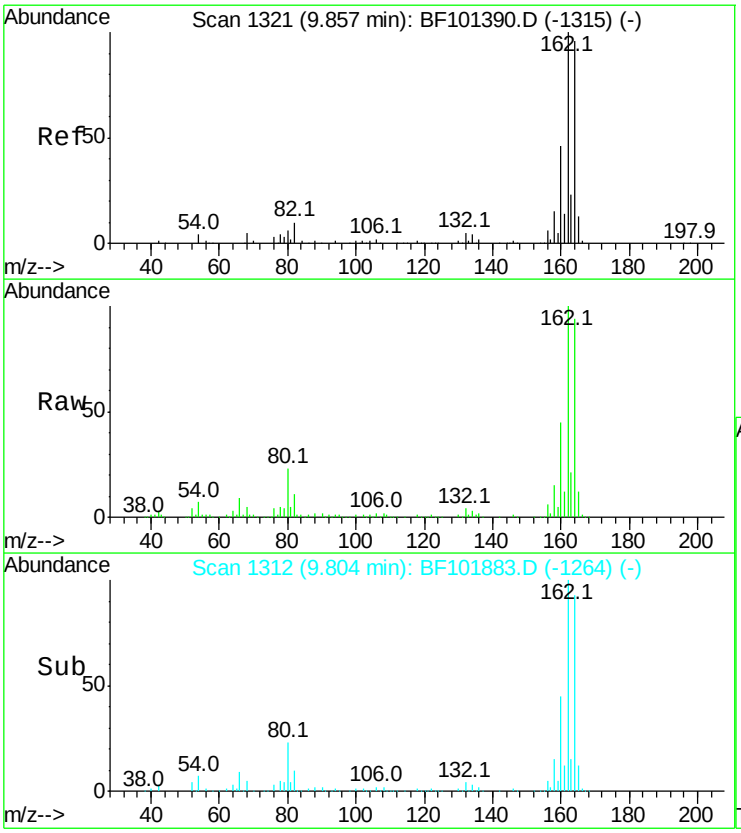
#25
Isophorone
Concen: 18.063 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 284303

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

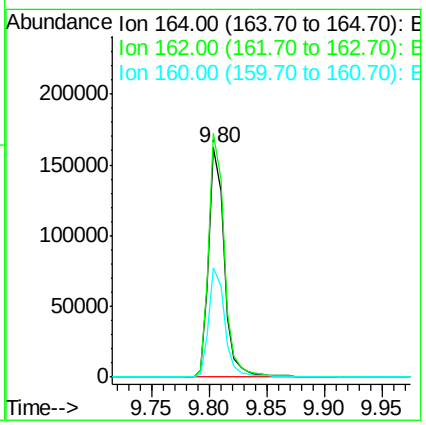


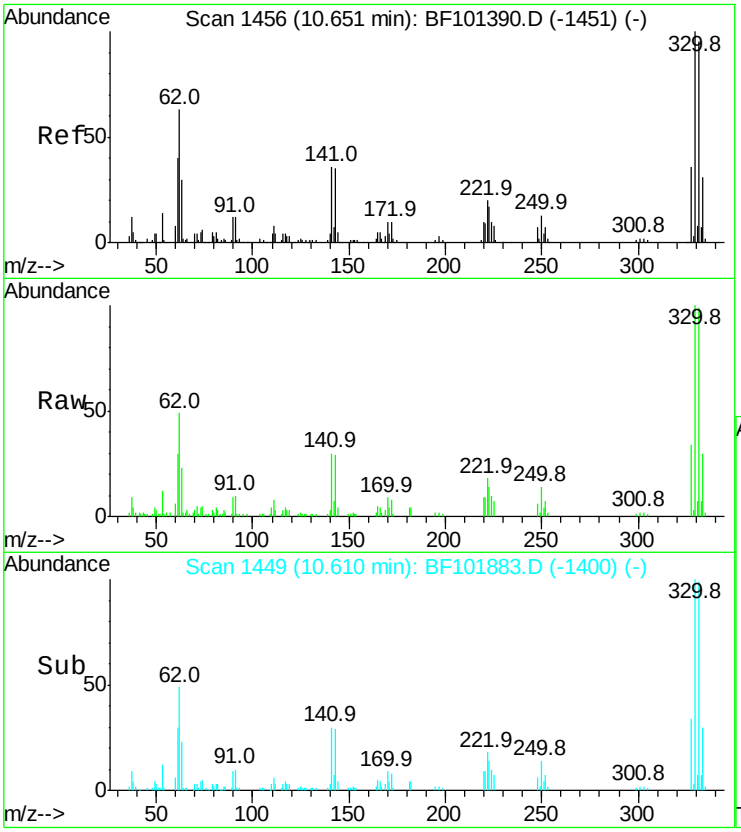


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:164 Resp: 153992

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	47.9	38.3	57.5



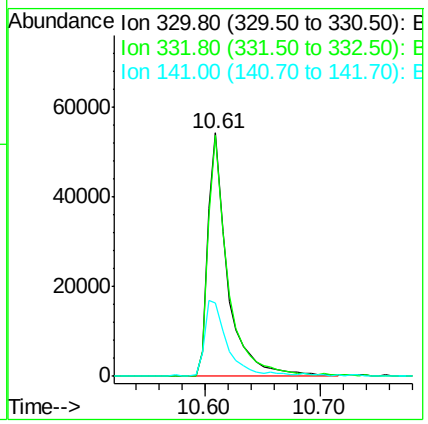


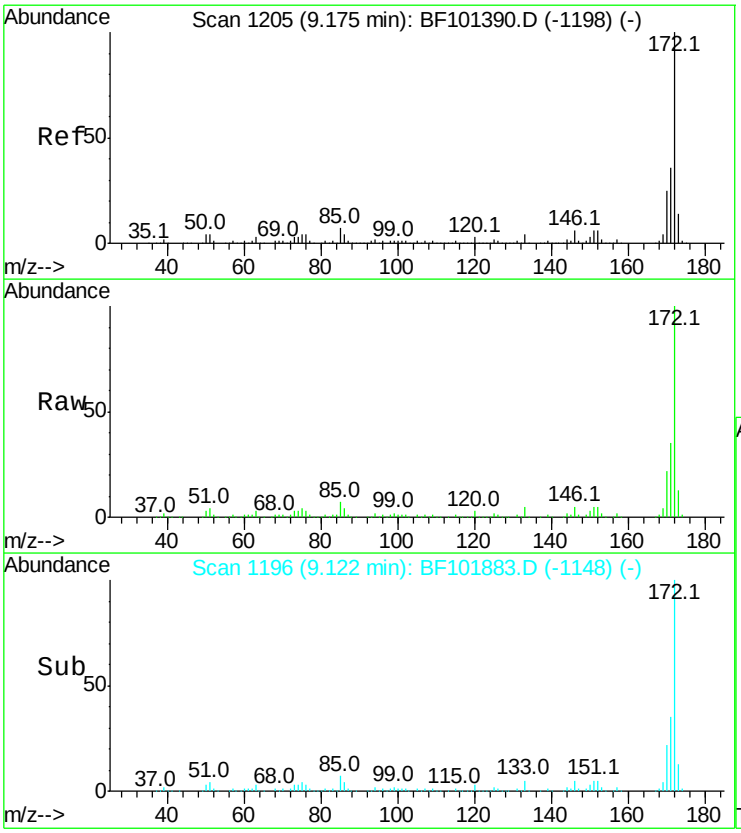
#41
2,4,6-Tribromophenol
Concen: 43.574 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 64656

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	36.6	29.9	44.9

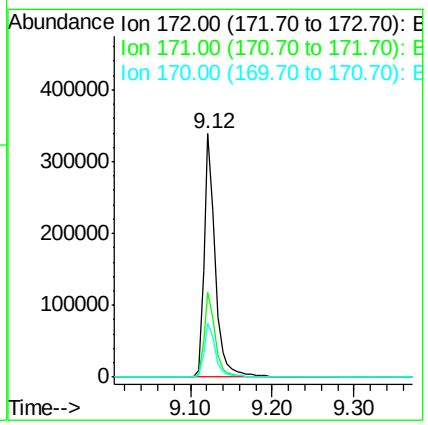


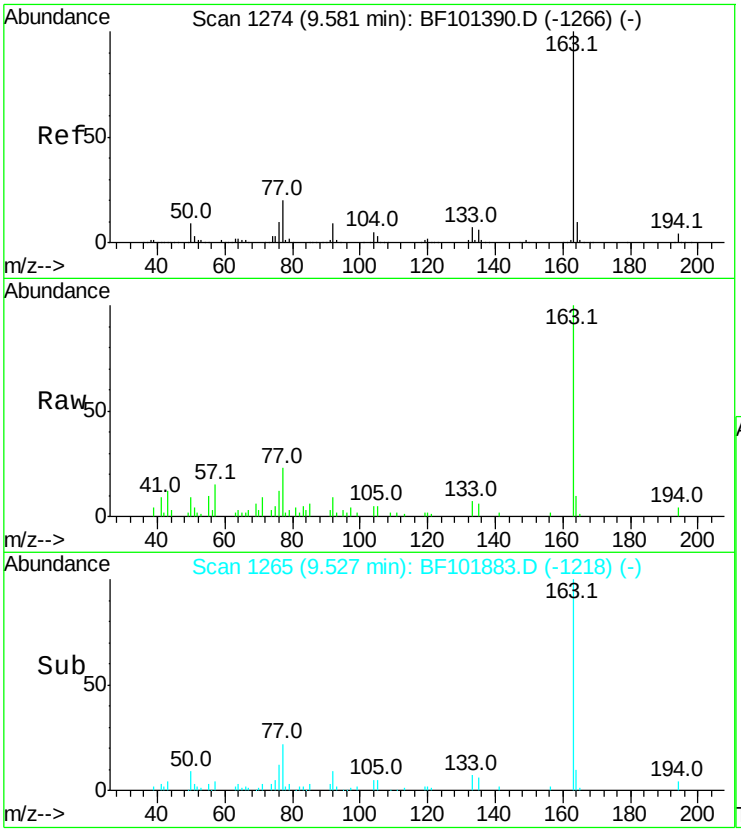


#44
2-Fluorobiphenyl
Concen: 32.795 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:172 Resp: 325552

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.0	19.6	29.4



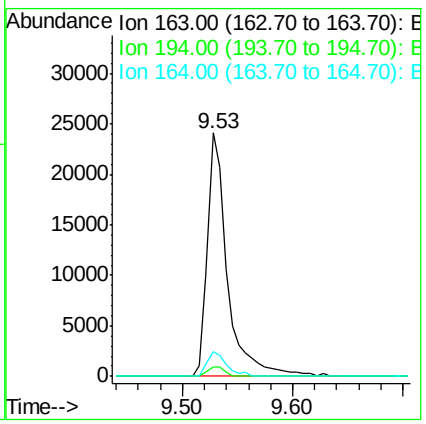


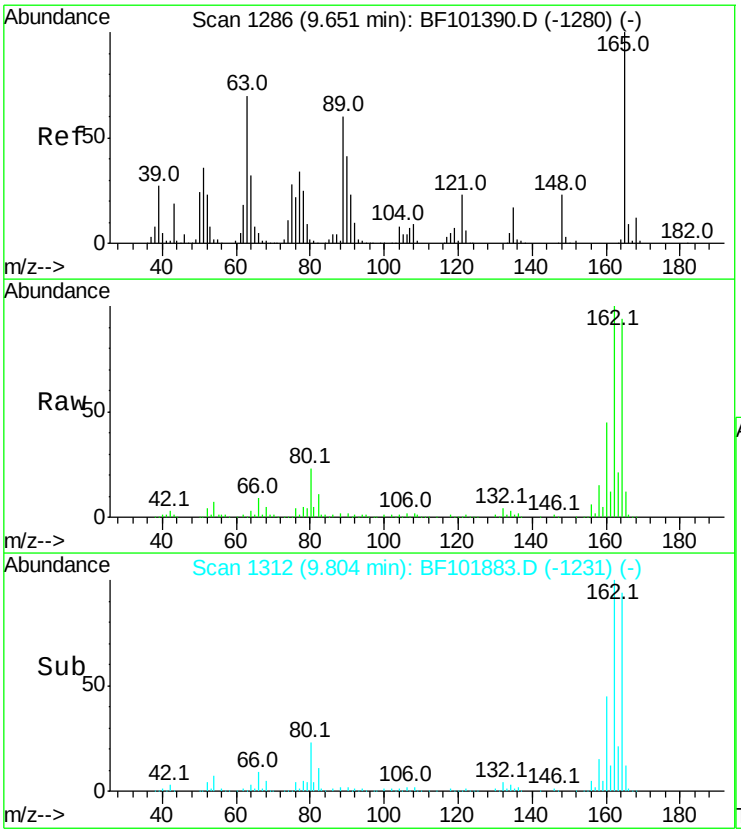
#49
Dimethylphthalate
Concen: 2.406 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29802

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

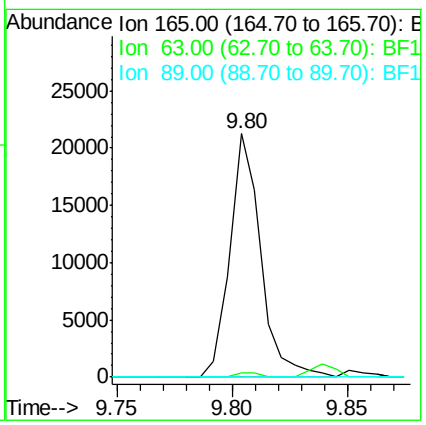


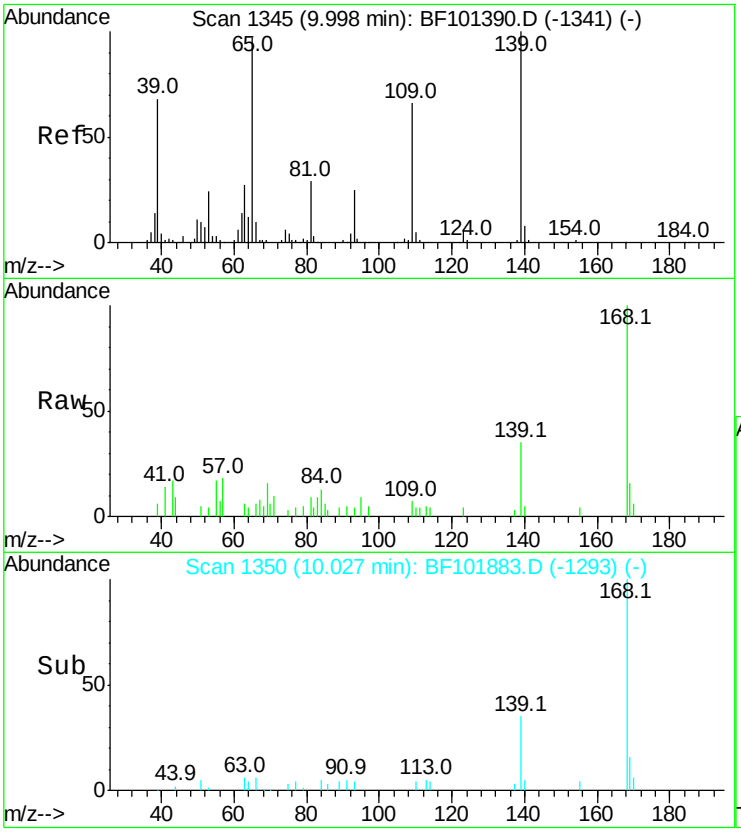


#50
2,6-Dinitrotoluene
Concen: 7.878 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.18 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:165 Resp: 19832

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



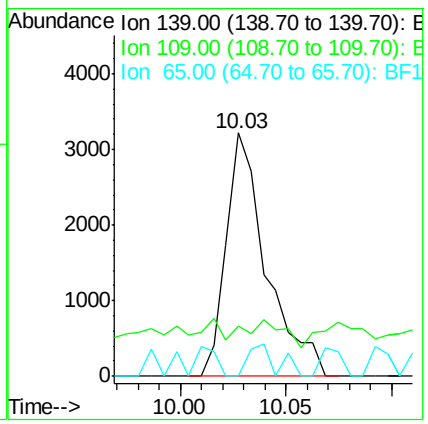


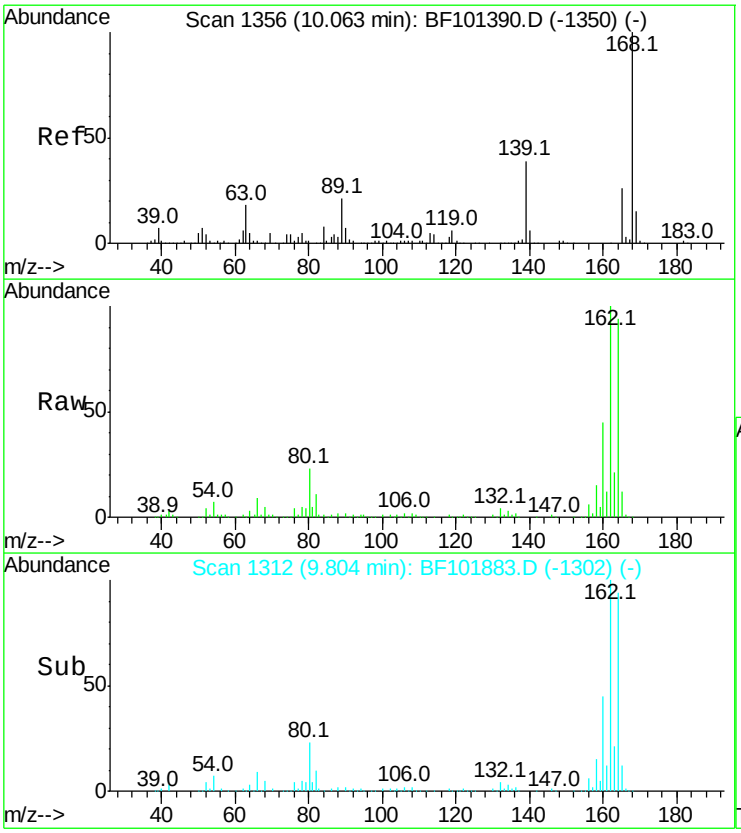
#55
4-Nitrophenol
Concen: 3.102 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.04 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4246

Ion	Ratio	Lower	Upper
139	100		
109	20.4	48.4	88.4#
65	0.0	72.6	112.6#

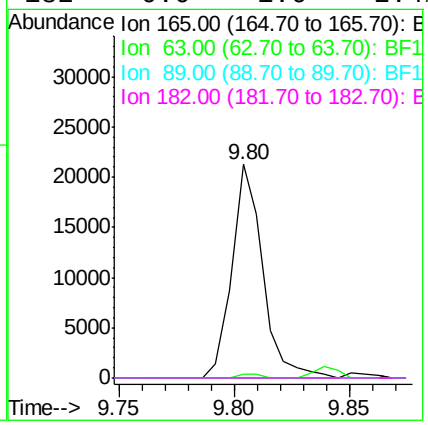


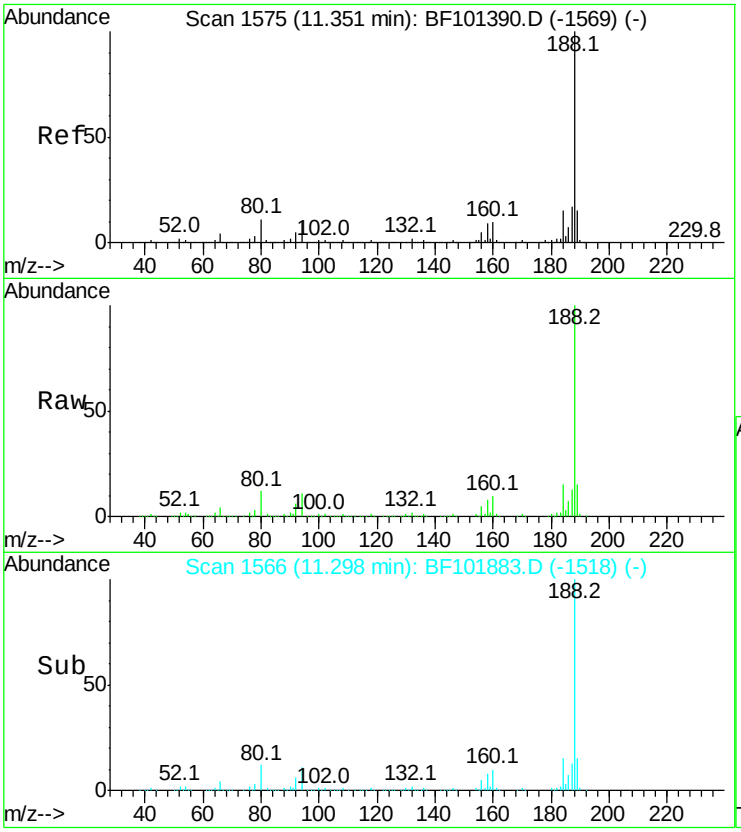


#56
2,4-Dinitrotoluene
Concen: 6.992 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:165 Resp: 19832

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



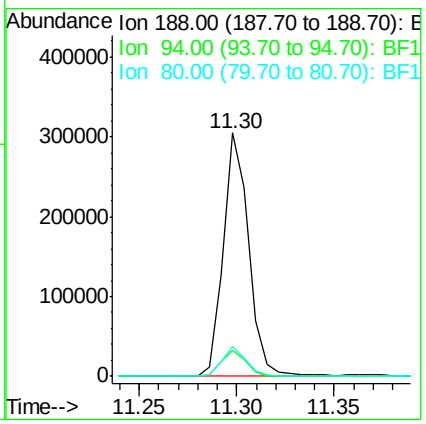


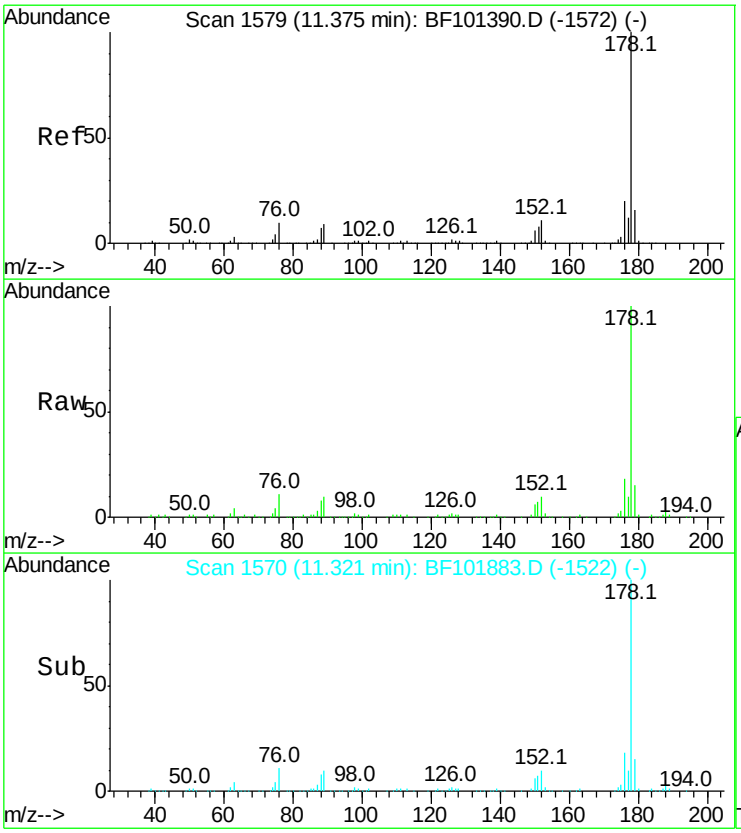
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 274943

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.3	9.2	13.8

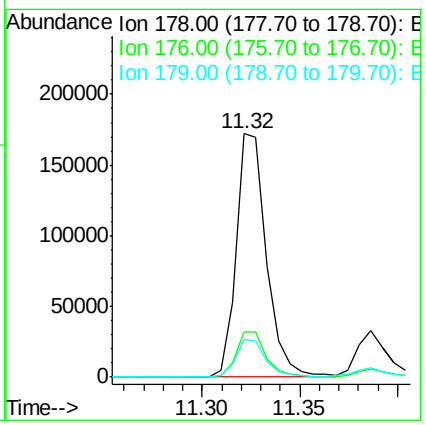


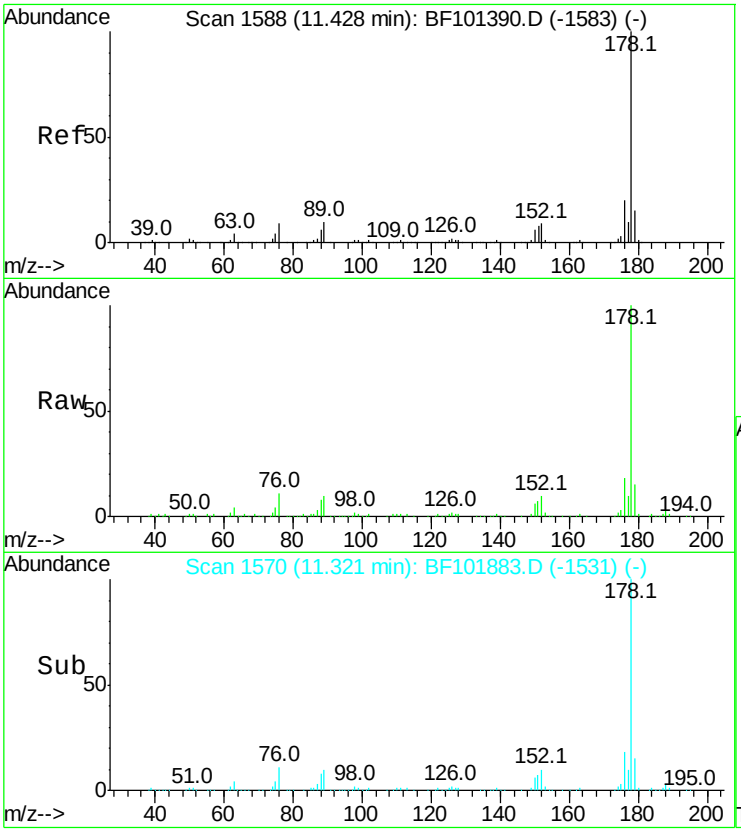


#70
Phenanthrene
Concen: 12.087 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:178 Resp: 184803

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.4	13.0	19.6



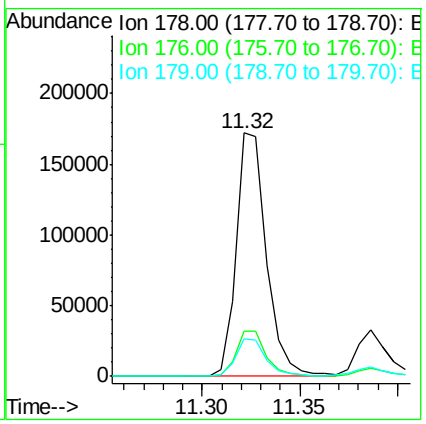


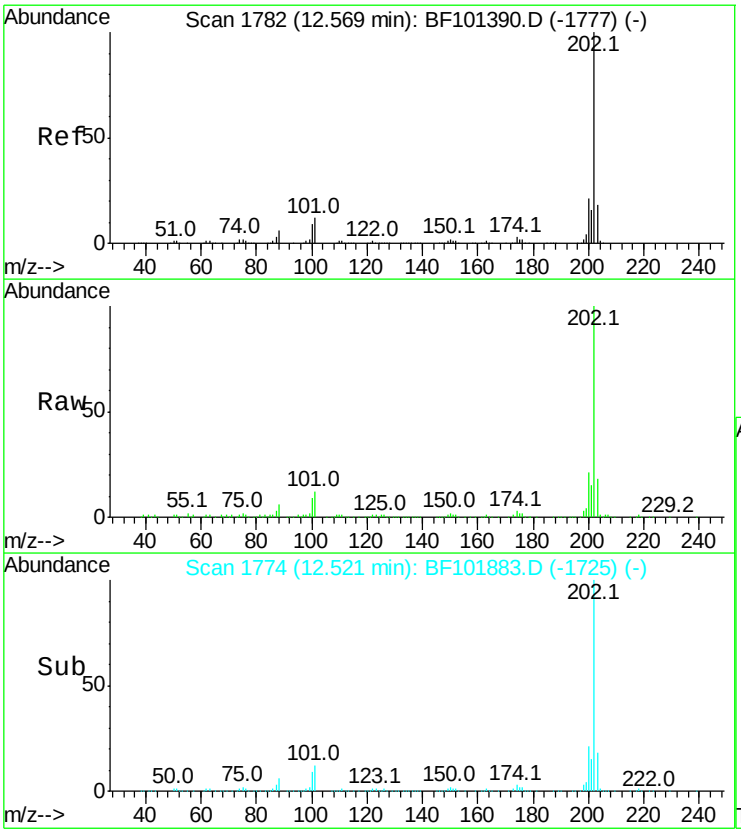
#71
Anthracene
Concen: 11.832 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.07 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 184803

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.4	12.6	19.0

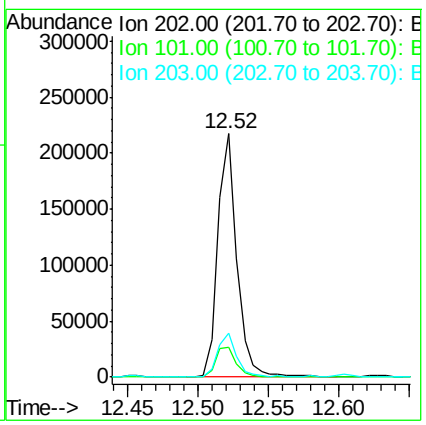


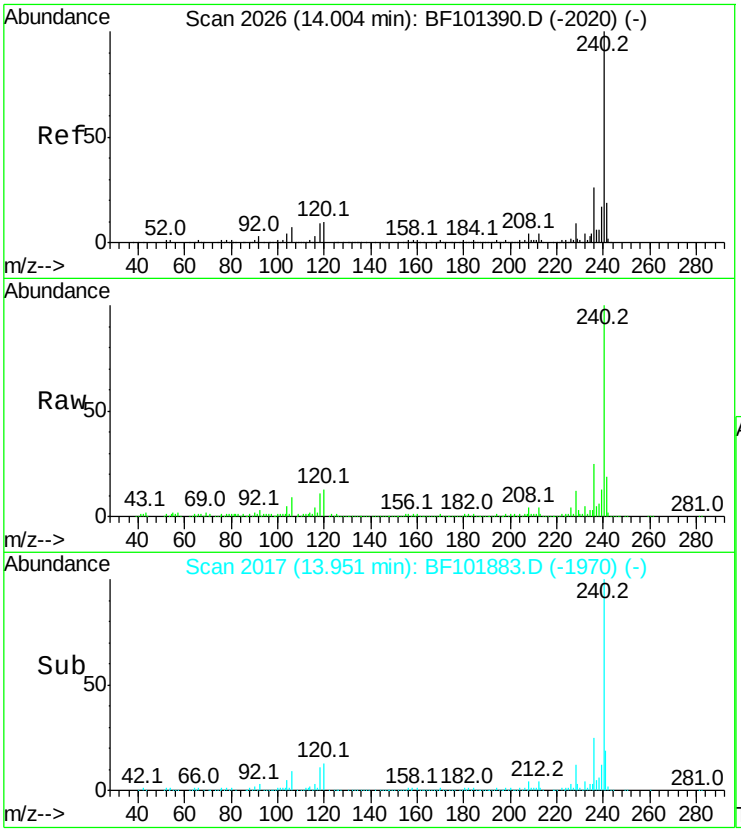


#74
Fluoranthene
Concen: 12.750 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:202 Resp: 204628

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	18.2	0.0	38.1



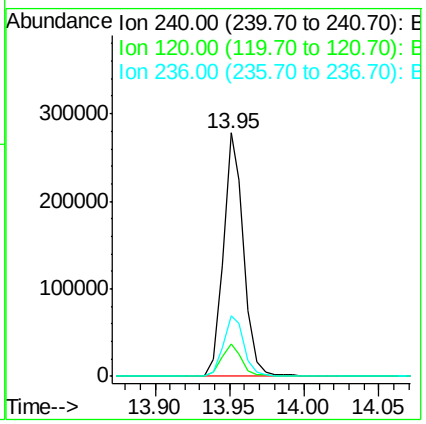


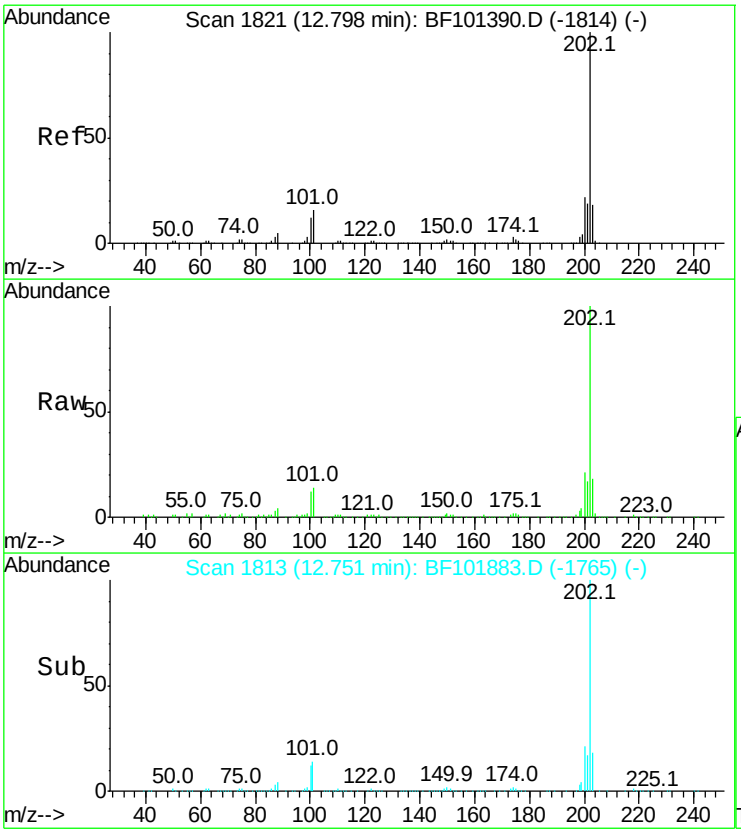
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 266914

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	24.8	20.7	31.1

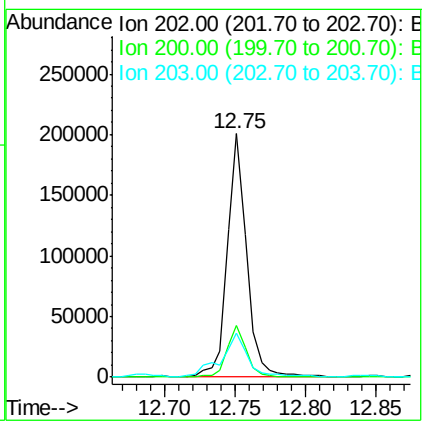


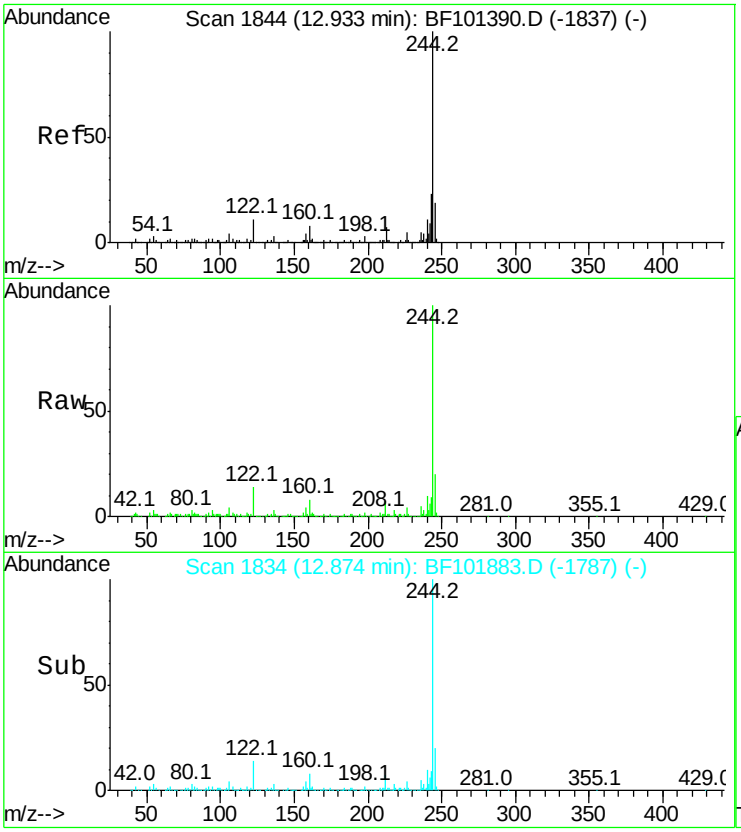


#77
Pyrene
Concen: 9.423 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:202 Resp: 188751

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5



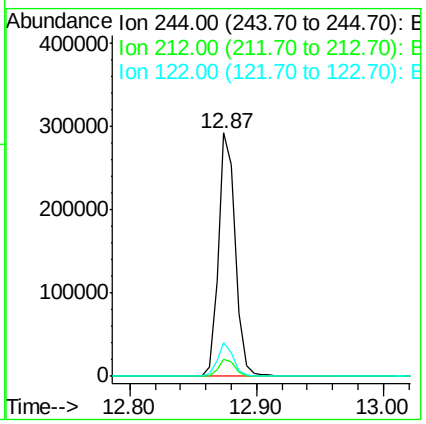


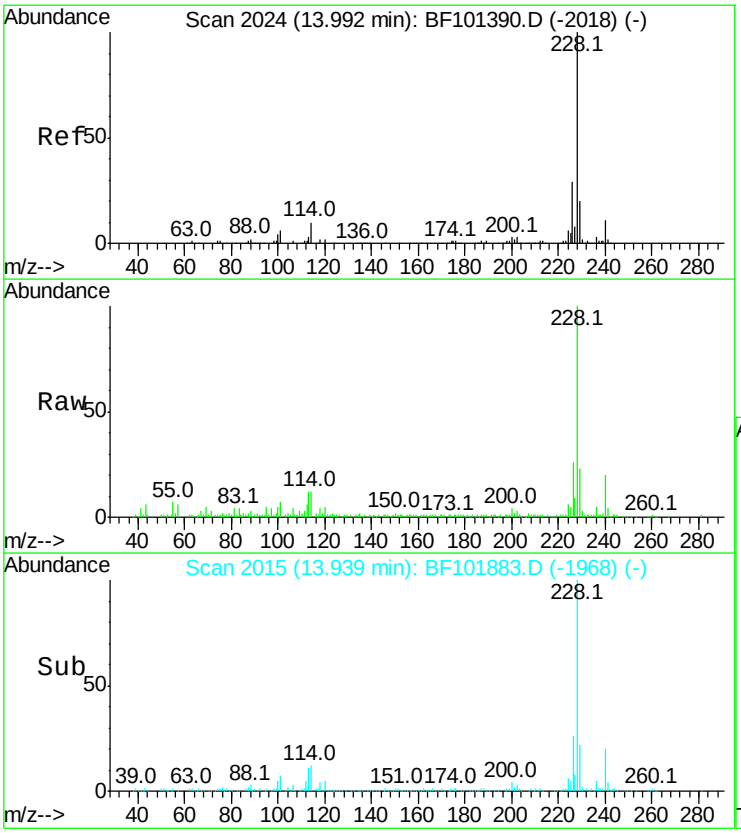
#78
Terphenyl-d14
Concen: 24.642 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 272826

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.8	11.0	16.4

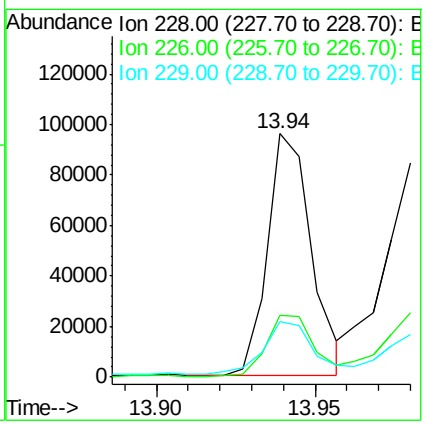


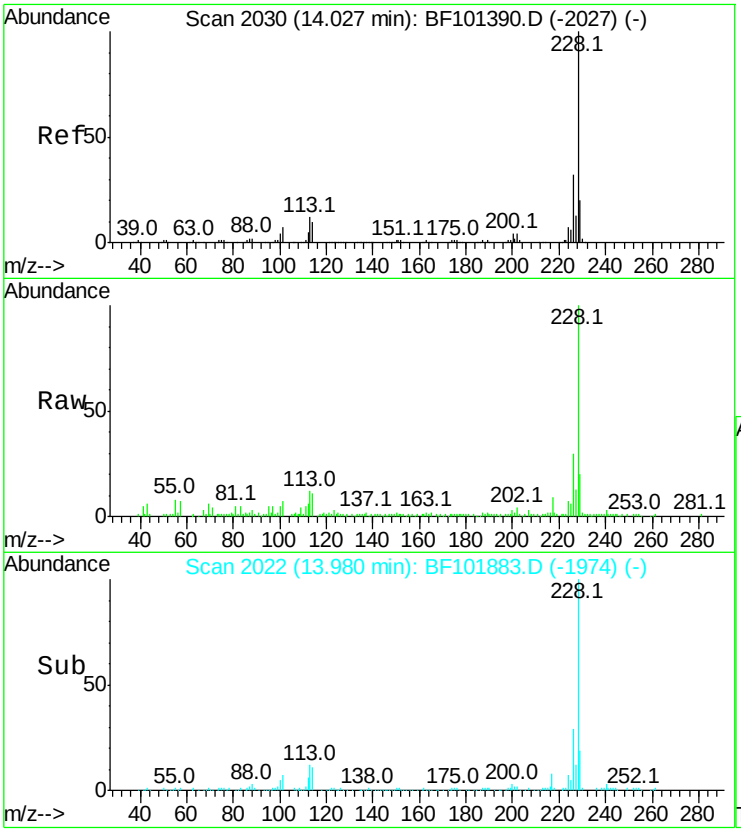


#80
Benzo(a)anthracene
Concen: 5.253 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:228 Resp: 92582

Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.6	33.8
229	22.9	15.8	23.6



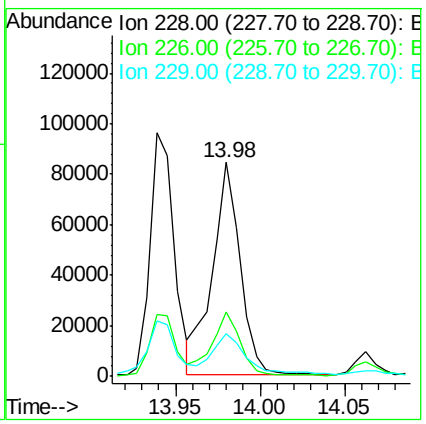


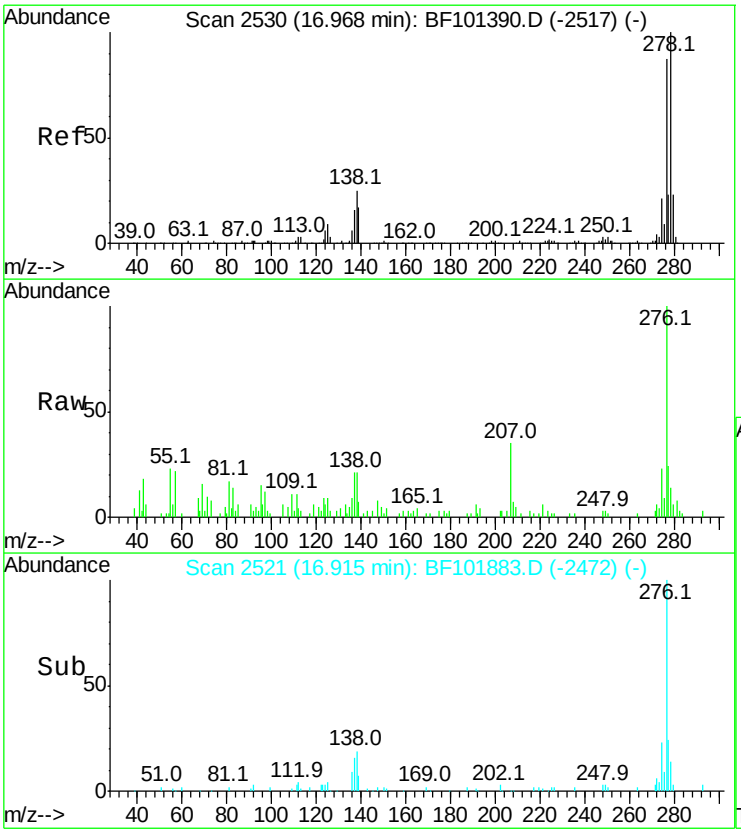
#82
Chrysene
Concen: 5.845 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 97273

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.0	16.2	24.4

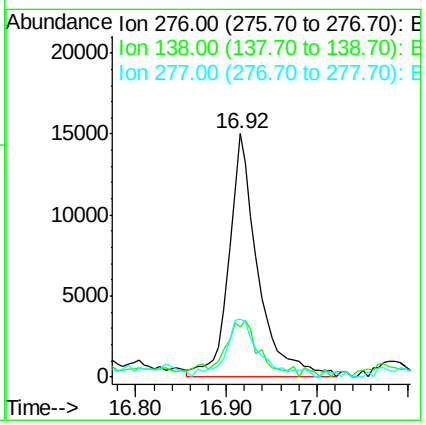


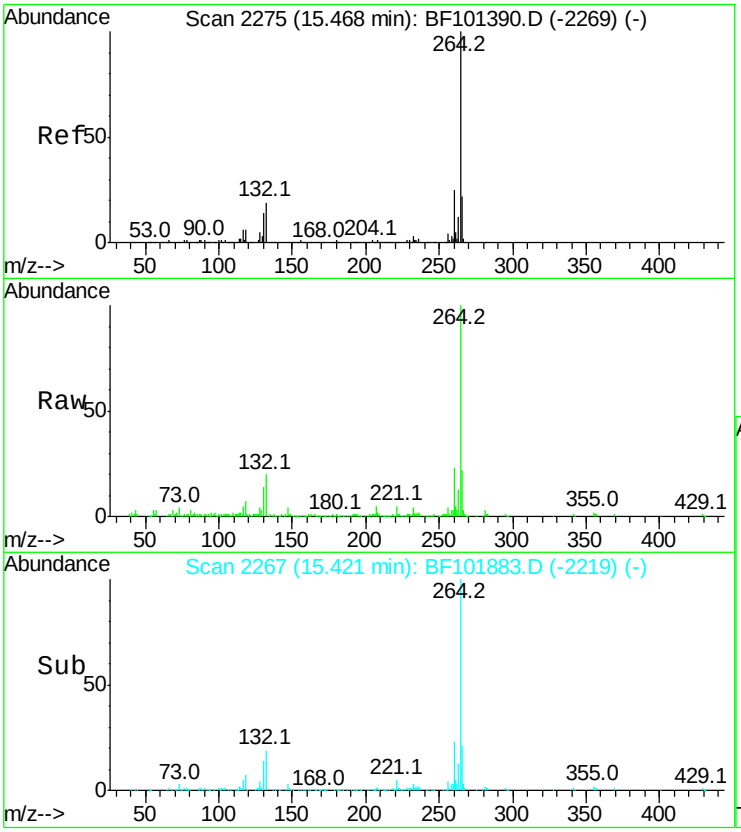


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.253 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:276 Resp: 33392

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	26.5	20.1	30.1



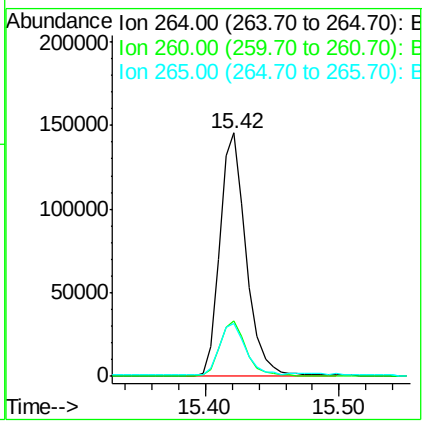


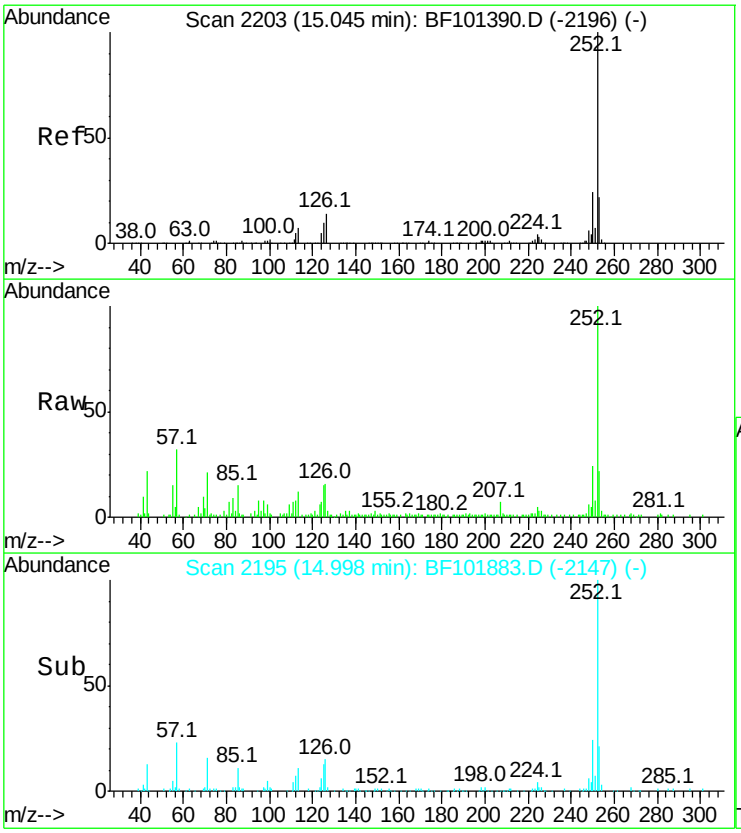
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 202933

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	17.5	26.3

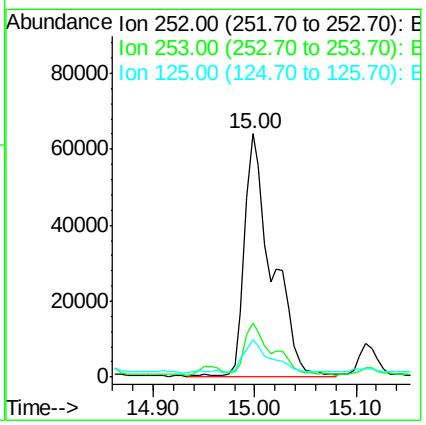


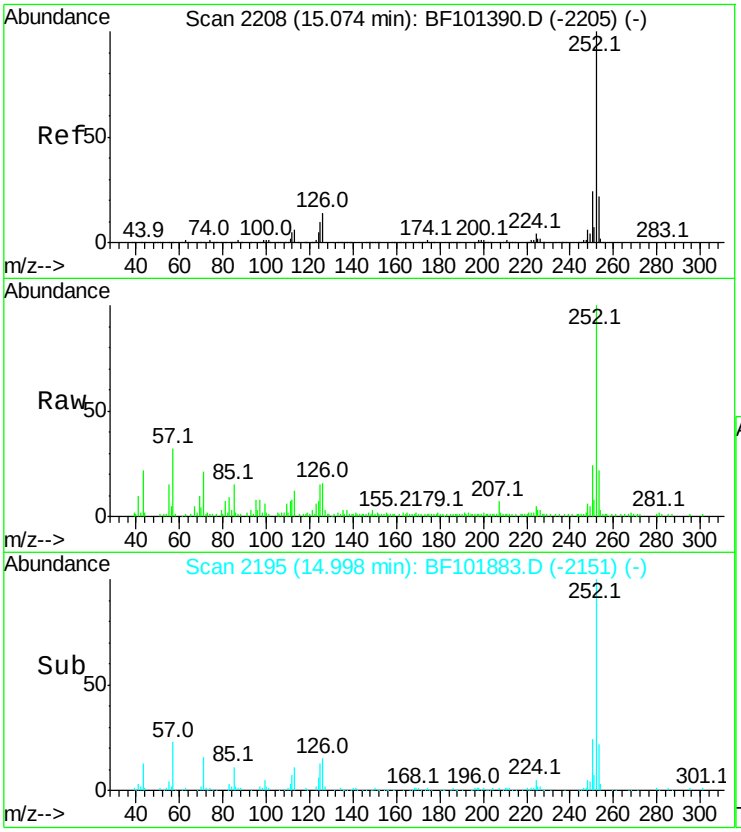


#87
Benzo(b)fluoranthene
Concen: 9.815 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:252 Resp: 121407

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	15.3	9.0	13.6#



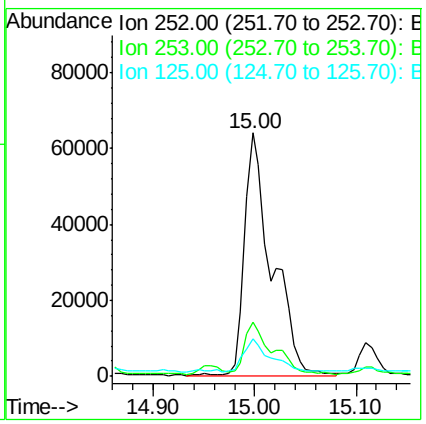


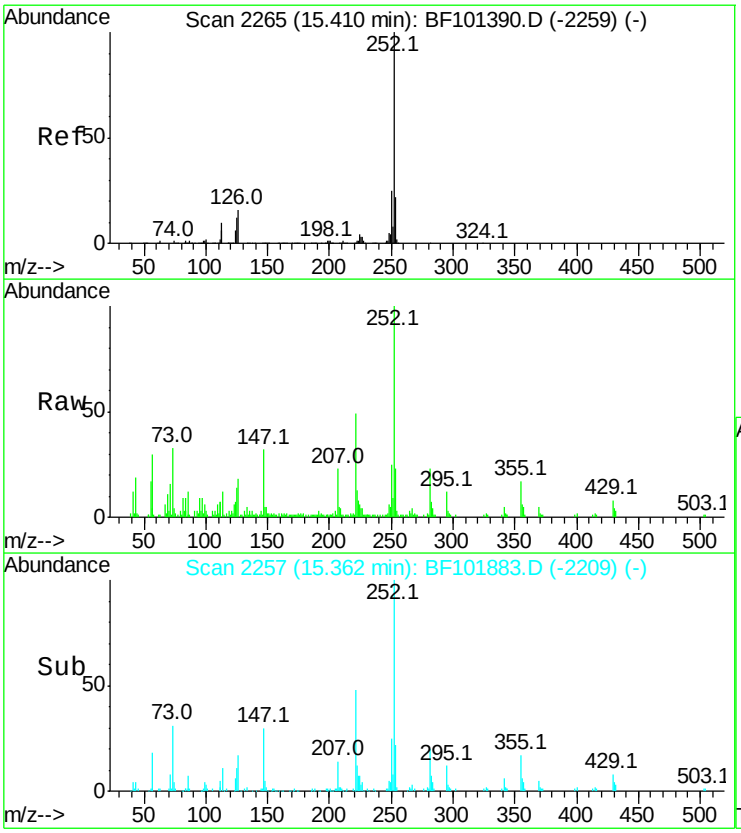
#88
Benzo(k)fluoranthene
Concen: 10.095 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.04 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 121407

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	15.3	10.2	15.2#

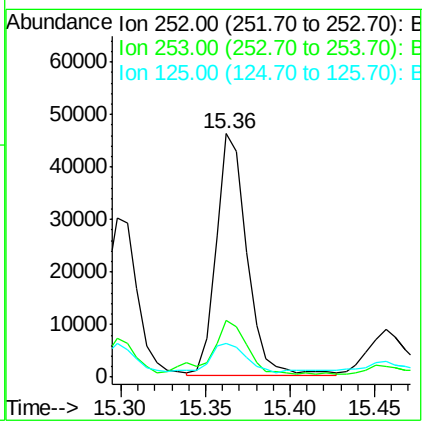


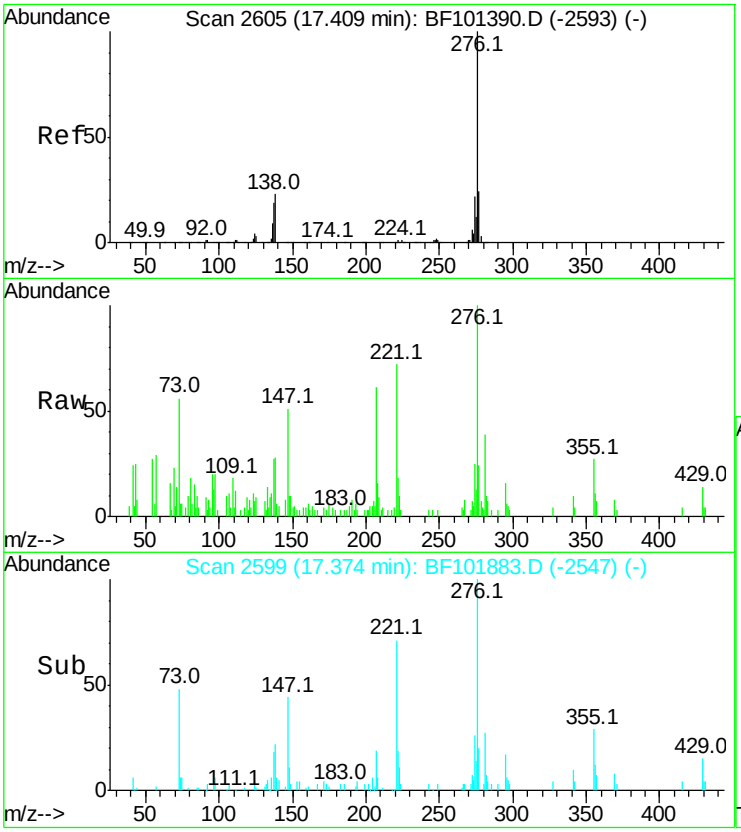


#89
Benzo(a)pyrene
Concen: 5.081 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Tgt Ion:252 Resp: 57937

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	14.1	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 3.003 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF101883.D
Acq: 4 Jan 2018 3:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29114

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	33.6	21.8	32.8#