Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098605.D
Acq On : 18 Sep 2017 16:40
Operator : SJ/JU
Sample : I5250-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:34:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	130713	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	529098	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	229569	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	367597	20.00	ng		0.00
75) Chrysene-d12	13.79	240	228647	20.00	ng		0.00
86) Perylene-d12	15.19	264	200550	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	498440	56.38	ng		0.00
7) Phenol-d6	6.29	99	618956	55.14	ng		0.00
23) Nitrobenzene-d5	7.20	82	375246	39.54	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	102297	66.77	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	645614	47.67	ng		0.00
78) Terphenyl-d14	12.73	244	419630	39.61	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	51392	7.279	ng	#	79
25) Isophorone	7.20	82	375241	19.542	ng	#	67
32) Benzoic acid	7.76	122	138	7.990	ng	#	35
48) Acenaphthylene	9.53	152	62541	2.866	ng		96
49) Dimethylphthalate	9.39	163	74788	4.209	ng		100
50) 2,6-Dinitrotoluene	9.67	165	30131	8.254	ng	#	34
57) Fluorene	10.22	166	34333	2.270	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	265	5.070	ng	#	1
66) 4-Bromophenyl-phenylether	10.46	248	8344	2.392	ng	#	1
70) Phenanthrene	11.17	178	428501	21.989	ng		98
71) Anthracene	11.22	178	99236	4.960	ng		99
74) Fluoranthene	12.36	202	621368	31.851	ng		95
77) Pyrene	12.59	202	553620	30.693	ng		100
80) Benzo(a)anthracene	13.77	228	240280	17.924	ng		97
82) Chrysene	13.81	228	219474	16.197	ng		97
85) Indeno(1,2,3-cd)pyrene	16.52	276	86936	9.145	ng	#	86
87) Benzo(b)fluoranthene	14.79	252	343999	27.280	ng		96
88) Benzo(k)fluoranthene	14.79	252	343999	29.221	ng		95
89) Benzo(a)pyrene	15.13	252	174780	15.558	ng		96
90) Dibenzo(a,h)anthracene	16.52	278	21933	2.684	ng	#	73
91) Benzo(g,h,i)perylene	16.92	276	79774	9.705	ng		93

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

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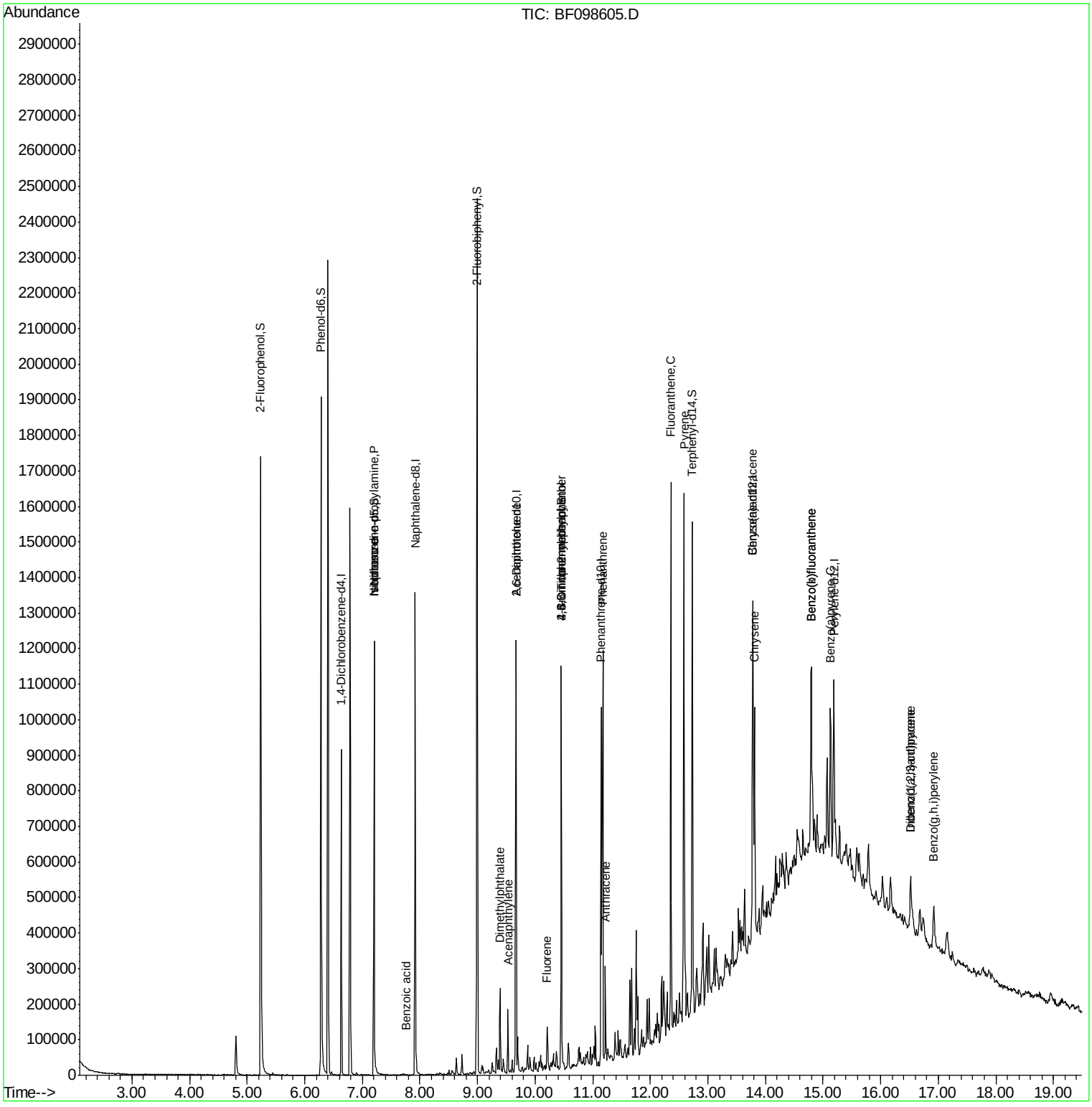
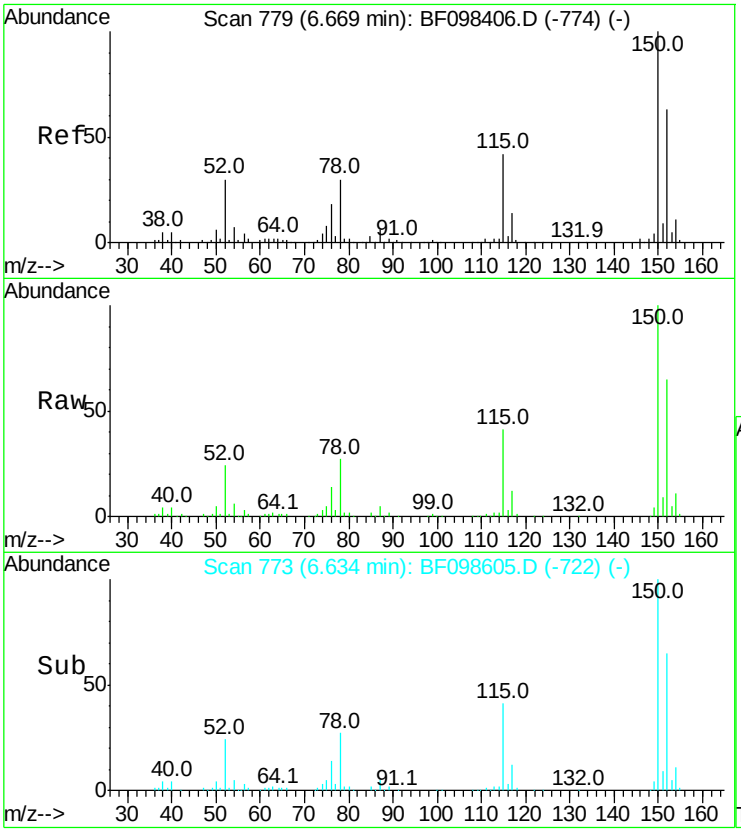


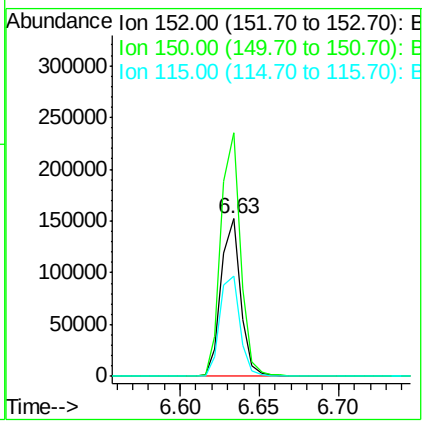


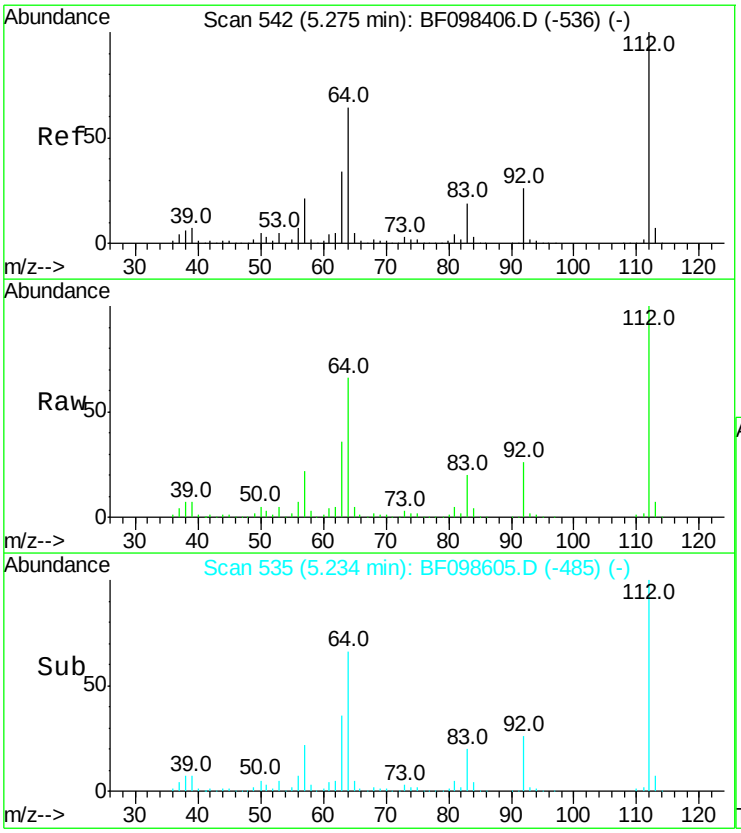
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130713

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	63.4	52.2	78.2

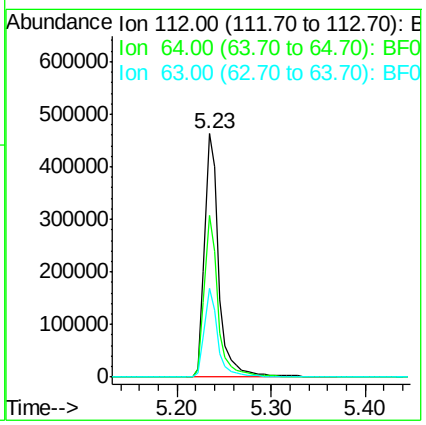


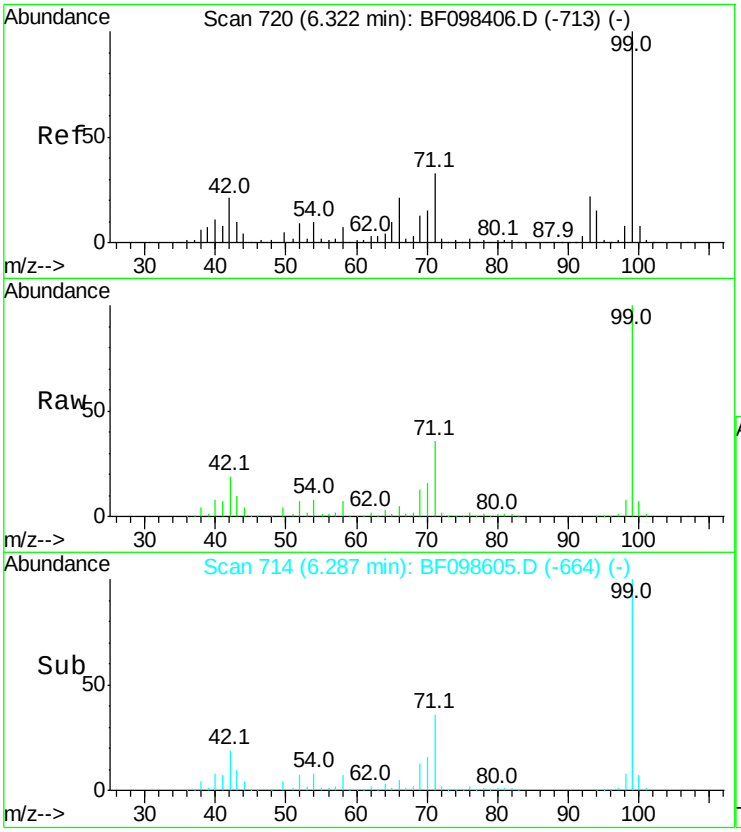


#5
2-Fluorophenol
Concen: 56.380 ng
RT: 5.23 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:112 Resp: 498440

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	36.4	23.4	35.0#



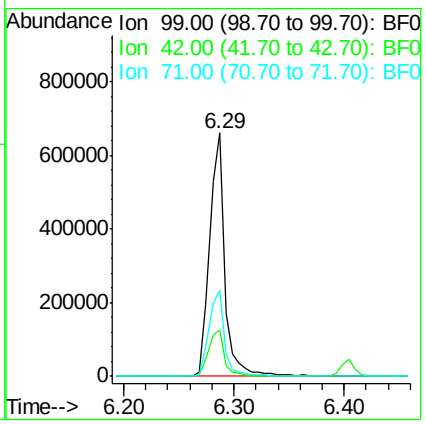


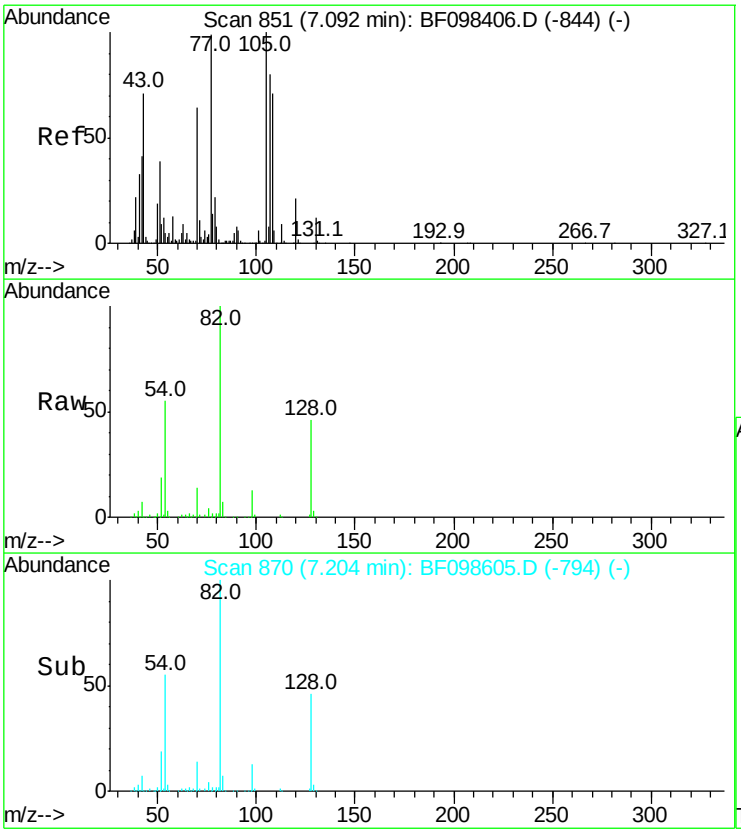
#7
Phenol-d6
Concen: 55.142 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 618956

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	35.6	24.5	36.7

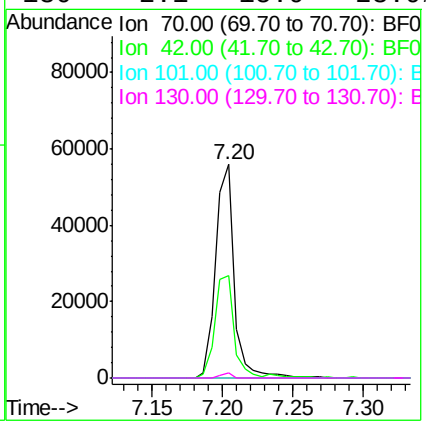


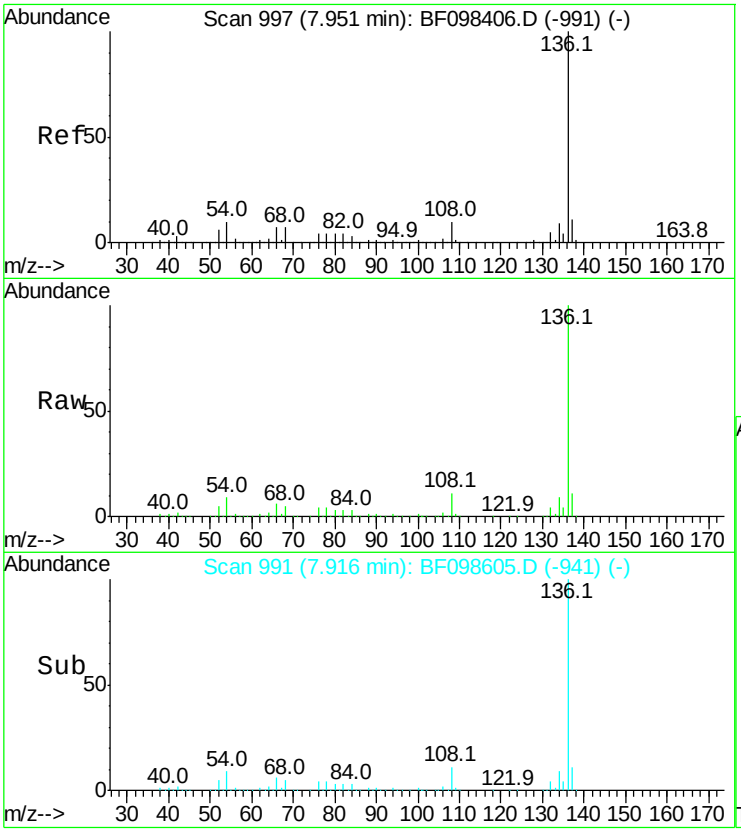


#19
n-Nitroso-di-n-propylamine
Concen: 7.279 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.15 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion: 70 Resp: 51392

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



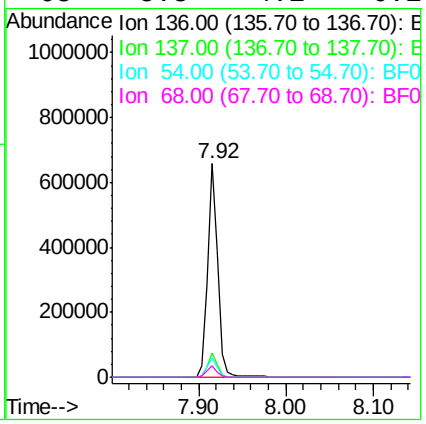


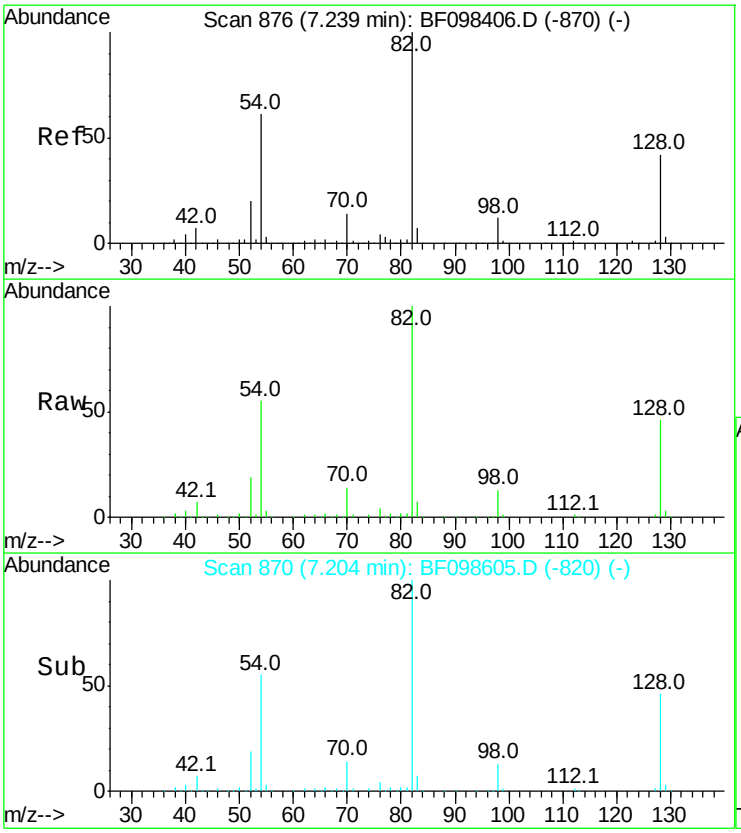
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 529098

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.2	4.9	7.3#
68	5.3	4.1	6.1

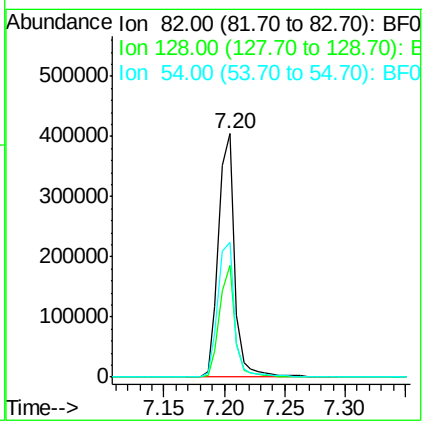


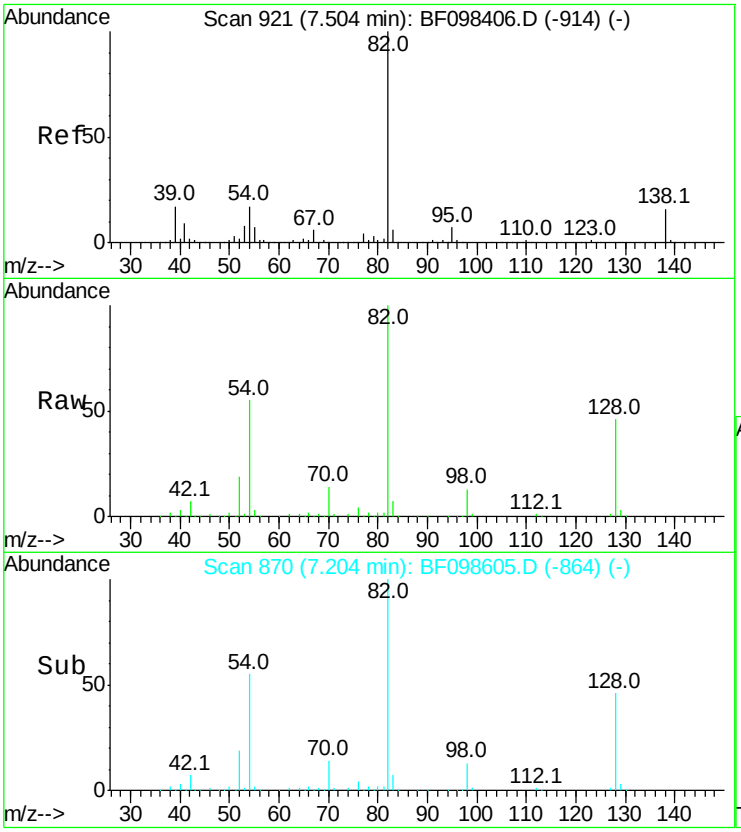


#23
Nitrobenzene-d5
Concen: 39.539 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion: 82 Resp: 375246

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	55.1	42.2	63.2



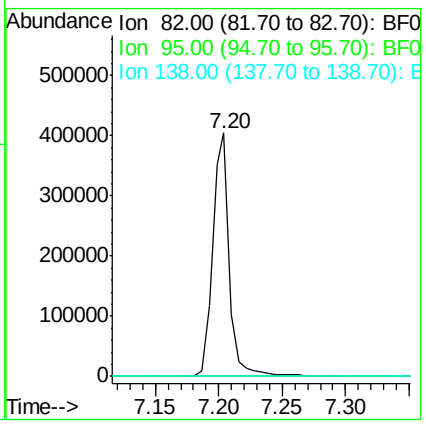


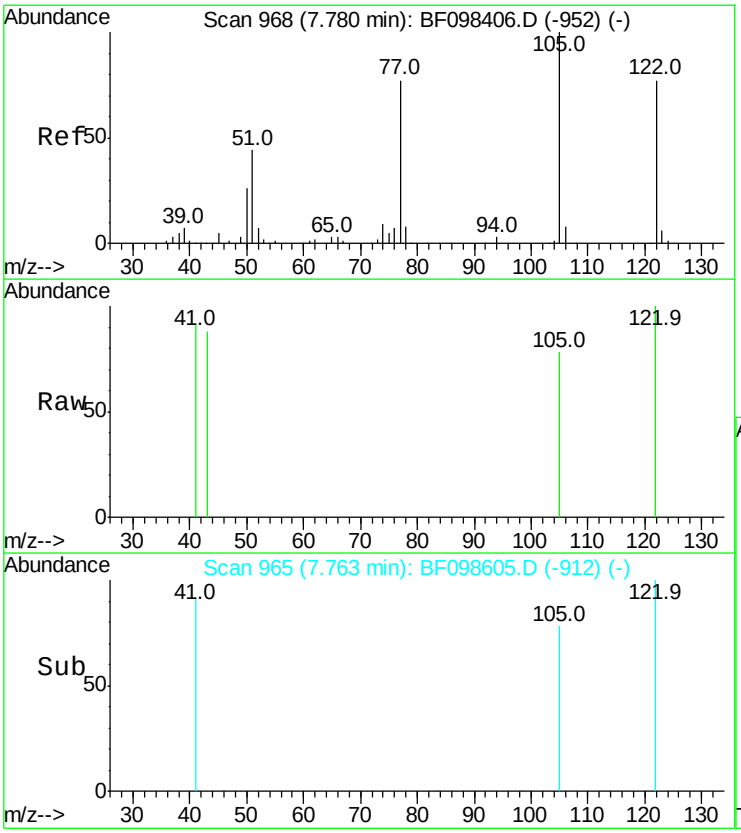
#25
Isophorone
Concen: 19.542 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.26 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 375241

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

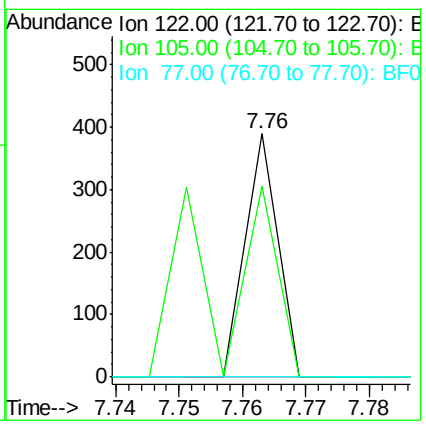


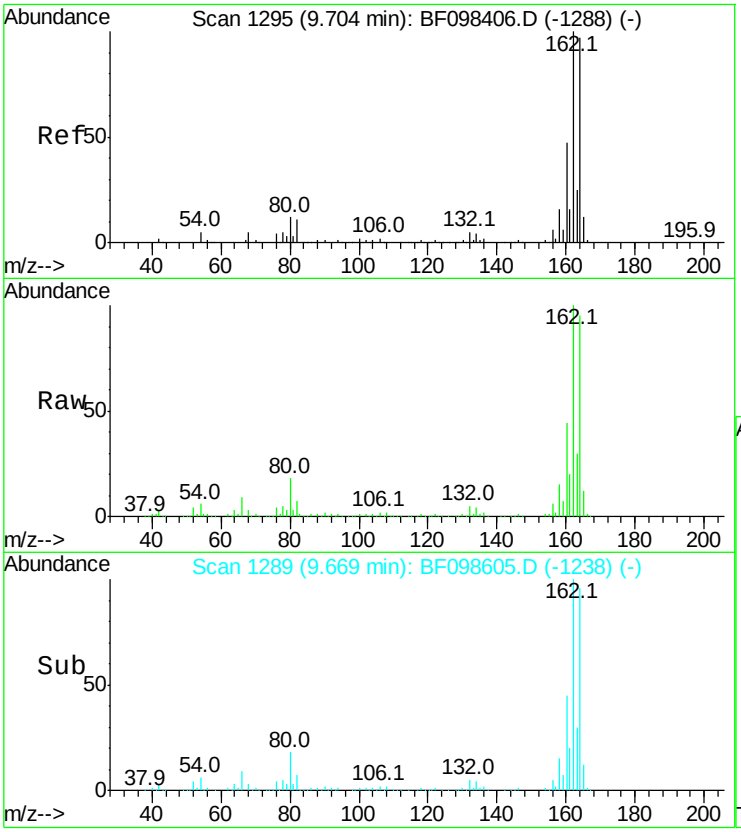


#32
Benzoic acid
Concen: 7.990 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	78.5	103.3	143.3#
77	0.0	73.7	113.7#



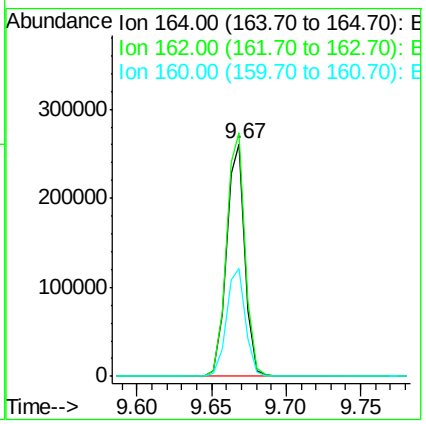


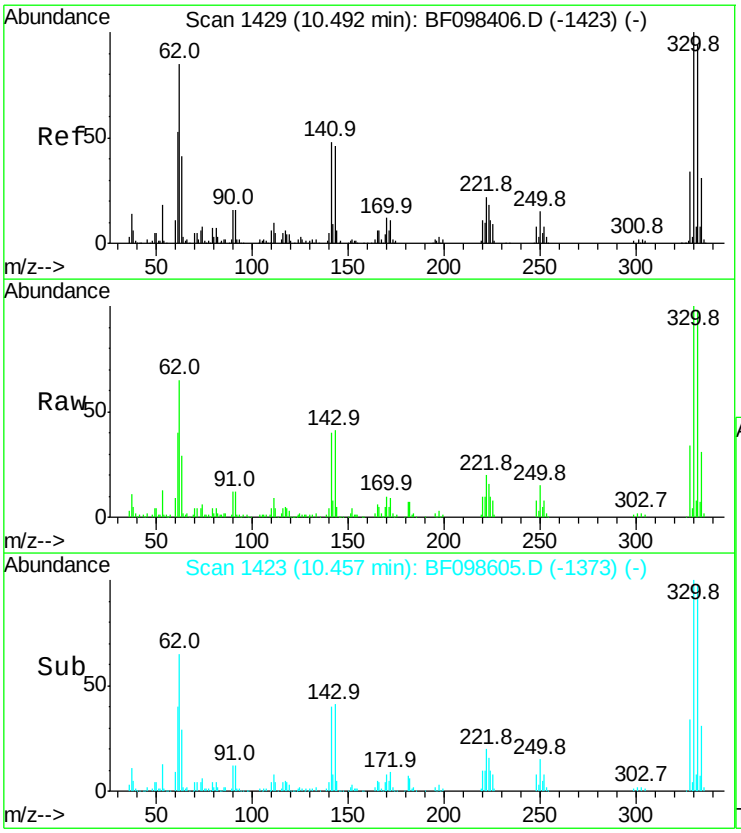
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 229569

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	46.6	36.2	54.2

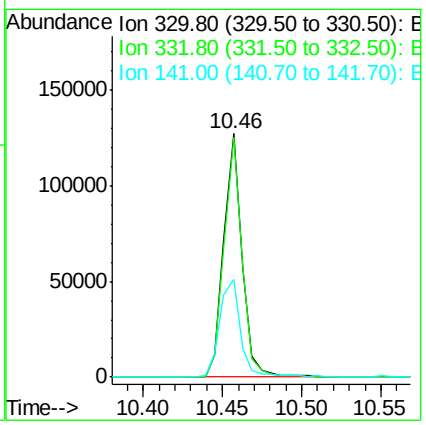


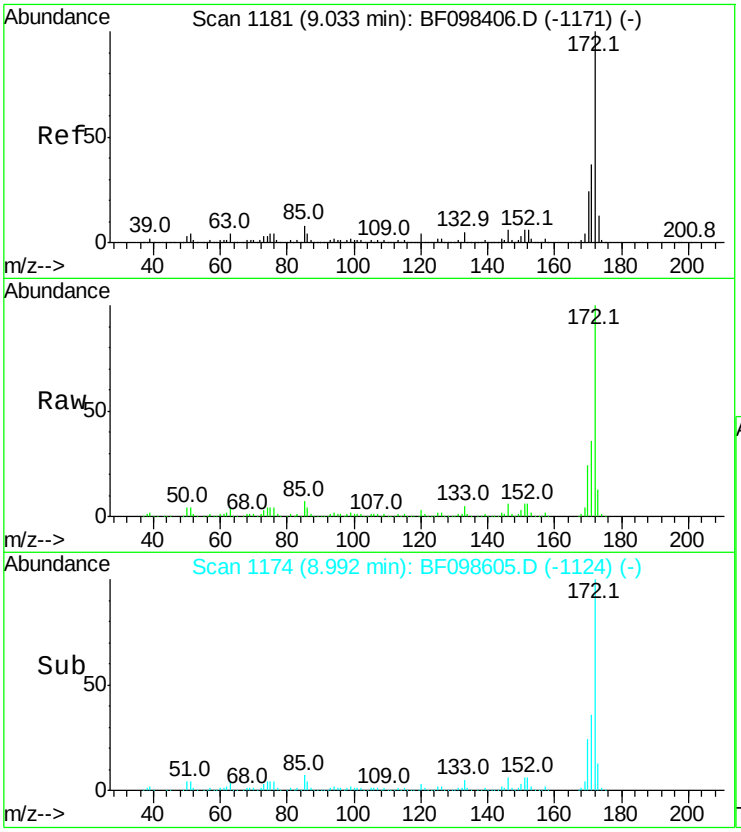


#41
2,4,6-Tribromophenol
Concen: 66.765 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:330 Resp: 102297

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	46.6	31.4	47.2



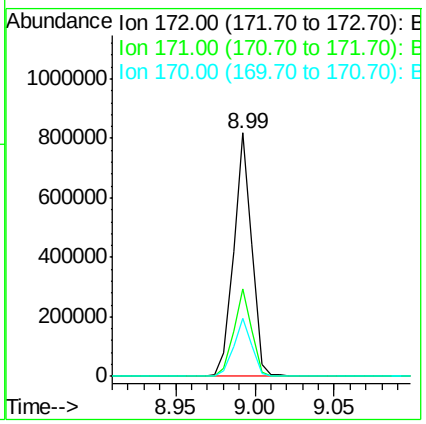


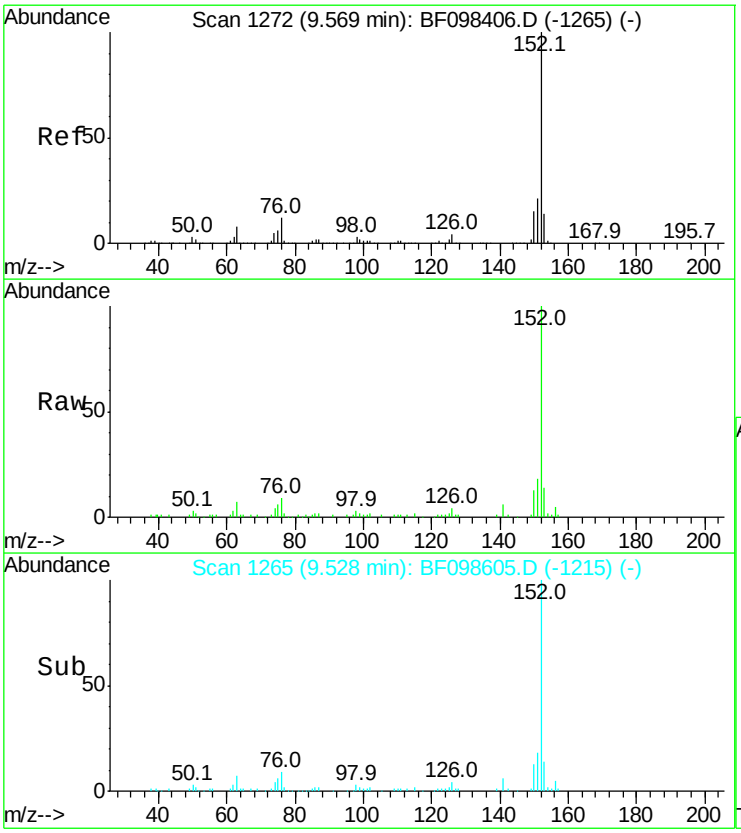
#44
2-Fluorobiphenyl
Concen: 47.666 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 645614

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.8	19.8	29.8

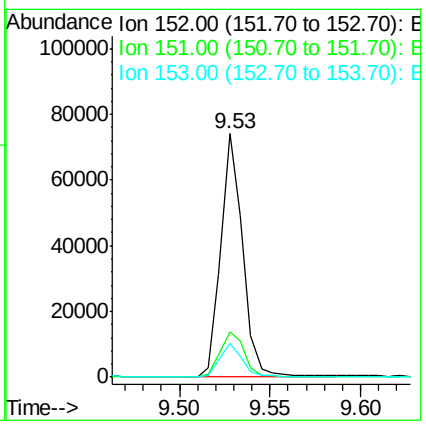


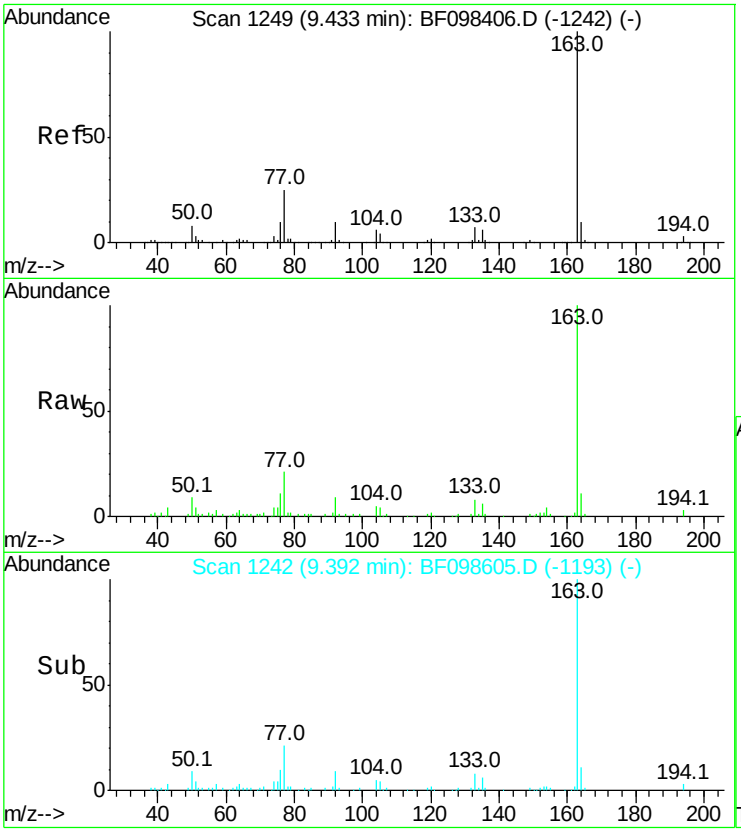


#48
Acenaphthylene
Concen: 2.866 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:152 Resp: 62541

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.8	25.2
153	13.7	10.8	16.2



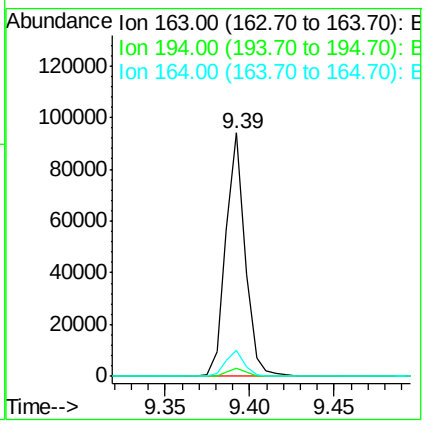


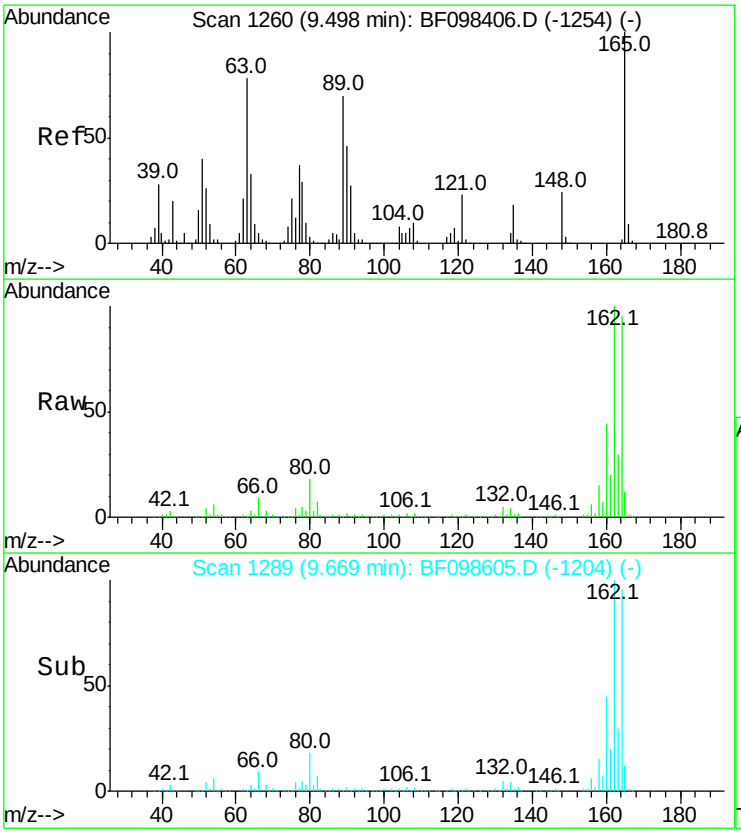
#49
Dimethylphthalate
Concen: 4.209 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 74788

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.4	12.6

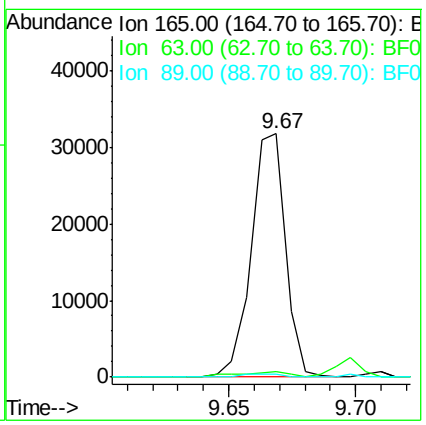


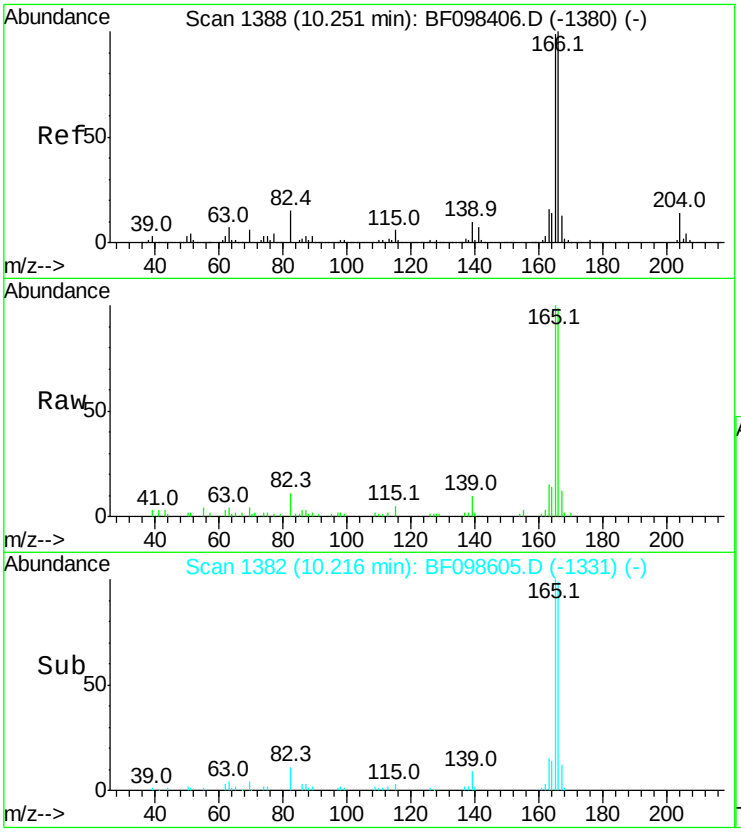


#50
2,6-Dinitrotoluene
Concen: 8.254 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.20 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:165 Resp: 30131

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	1.5	37.1	55.7#



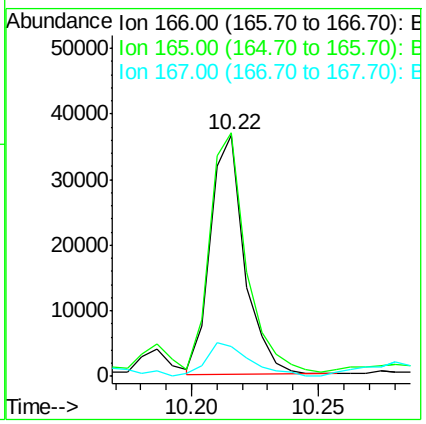


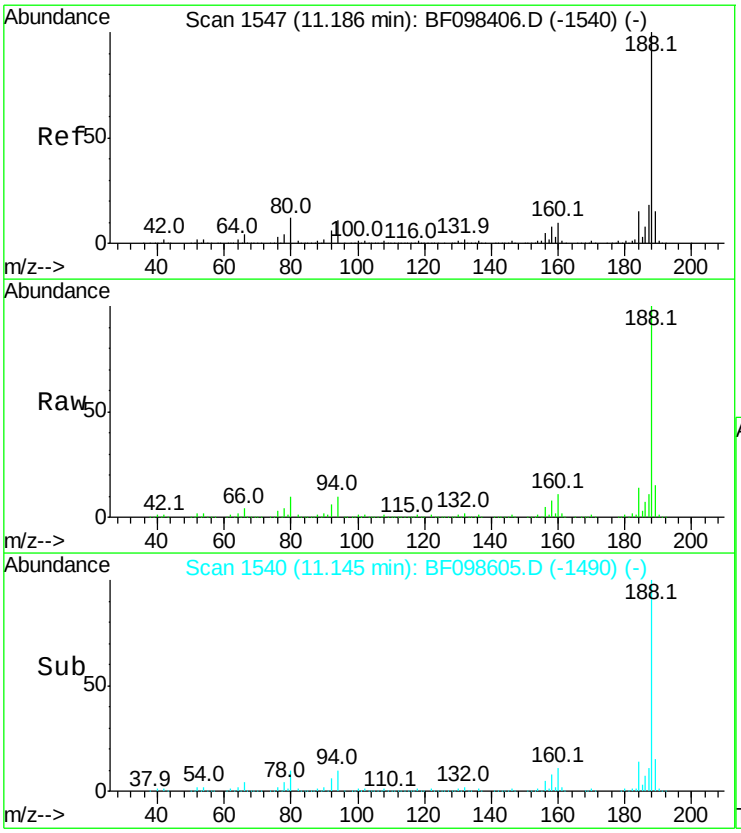
#57
Fluorene
Concen: 2.270 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 34333

Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.8	118.2
167	12.6	10.6	16.0

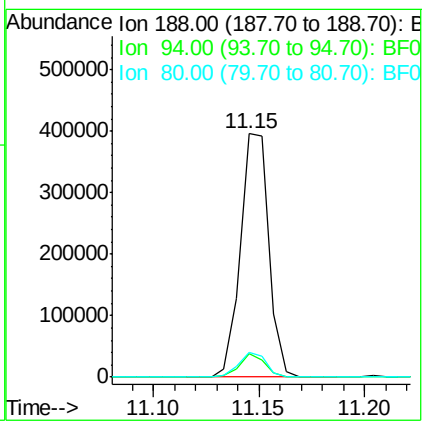


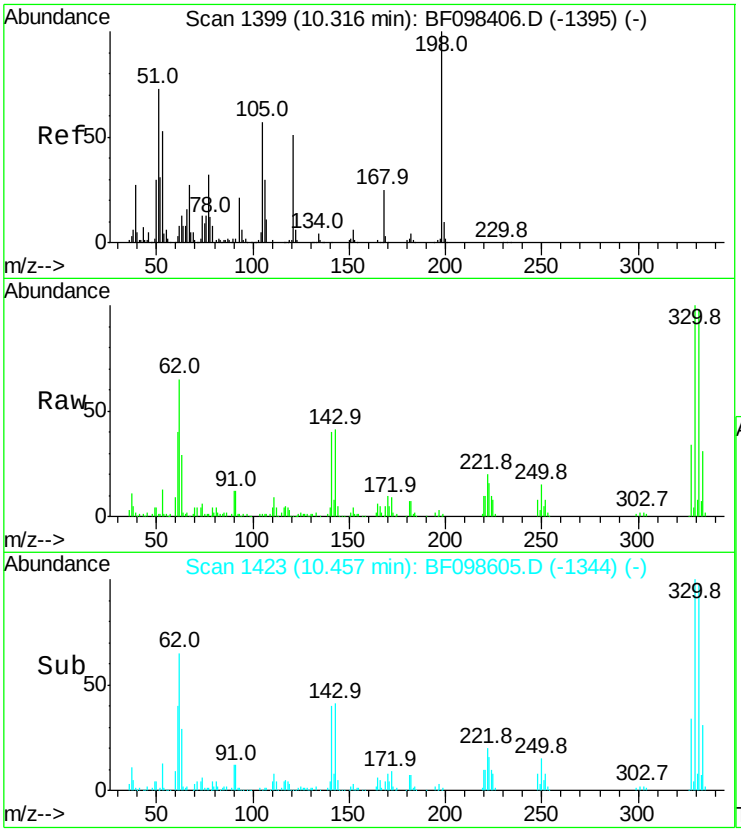


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:188 Resp: 367597

Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.2
80	10.4	10.2	15.2



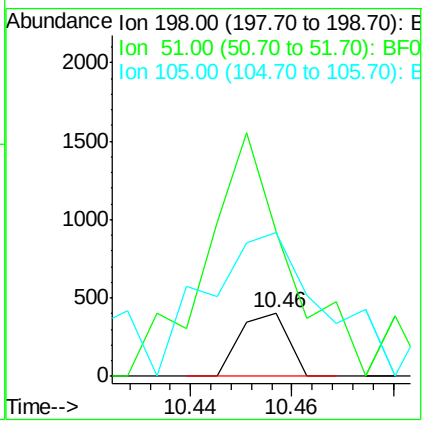


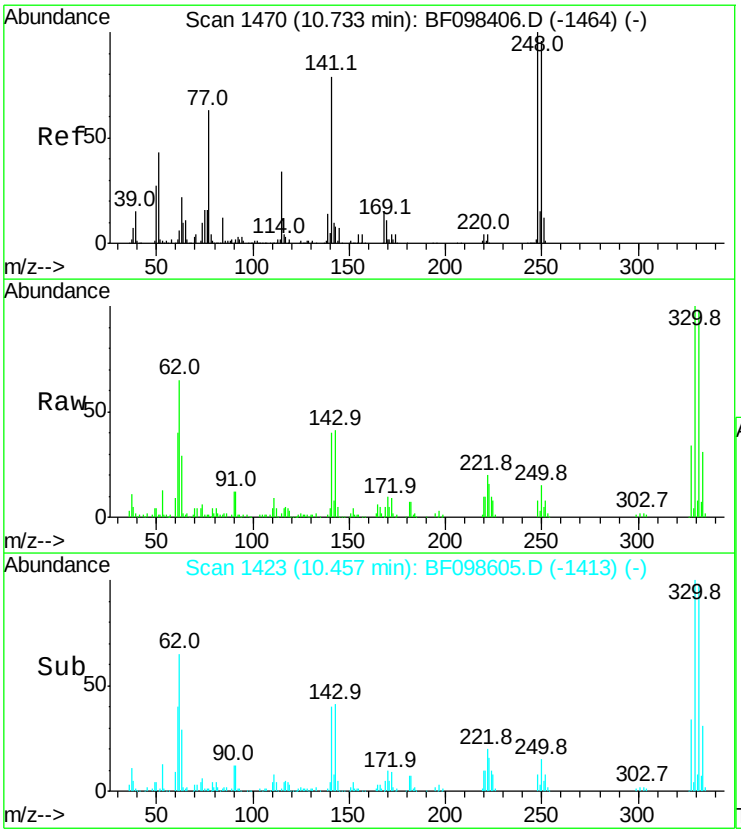
#64
4,6-Dinitro-2-methylphenol
Concen: 5.070 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.16 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 265

Ion	Ratio	Lower	Upper
198	100		
51	229.3	53.2	93.2#
105	226.8	45.8	85.8#

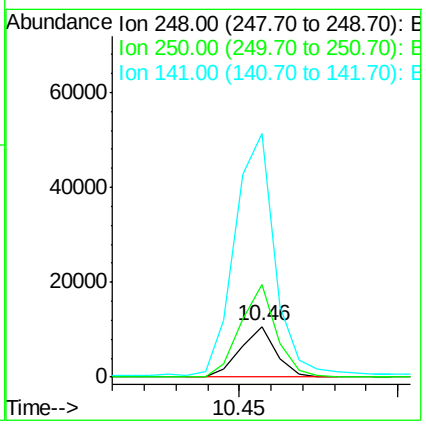


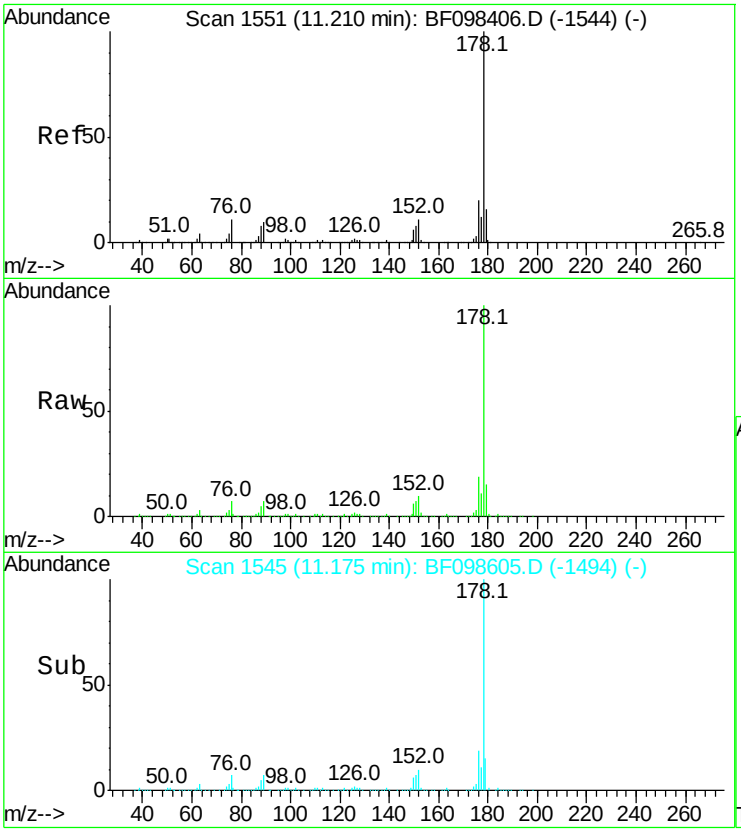


#66
4-Bromophenyl-phenylether
Concen: 2.392 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.24 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:248 Resp: 8344

Ion	Ratio	Lower	Upper
248	100		
250	183.0	76.8	115.2#
141	481.3	68.6	103.0#



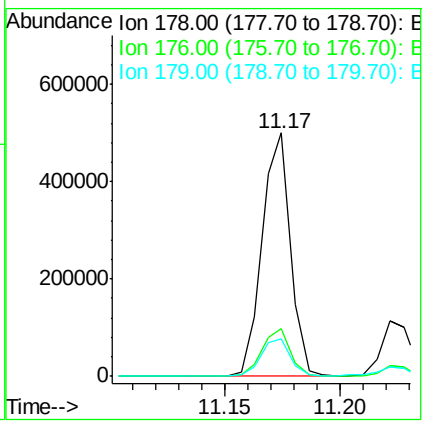


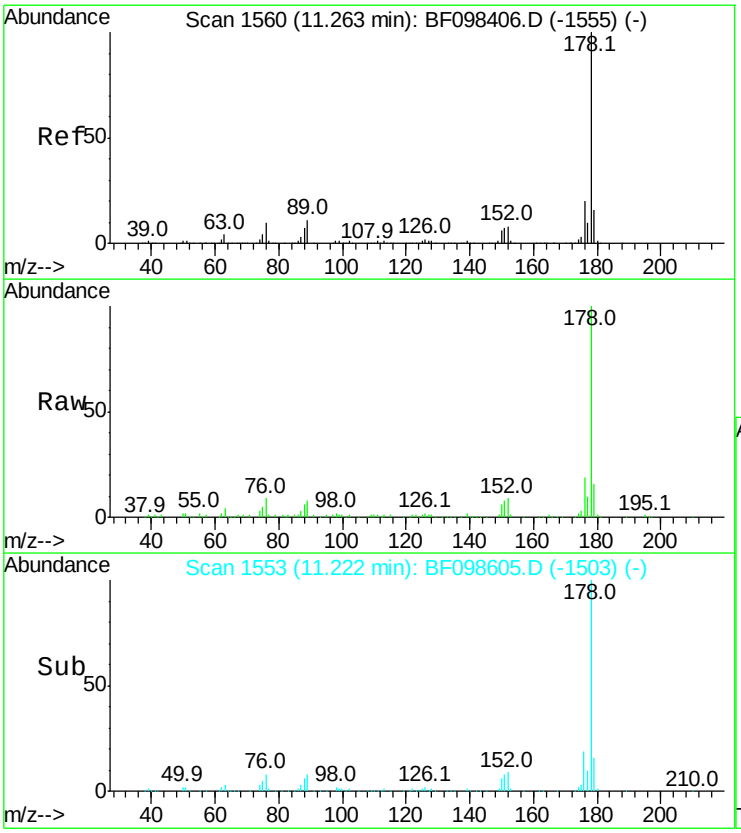
#70
Phenanthrene
Concen: 21.989 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 428501

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.2	12.6	19.0

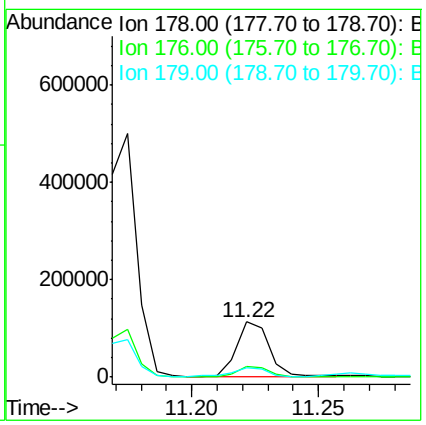


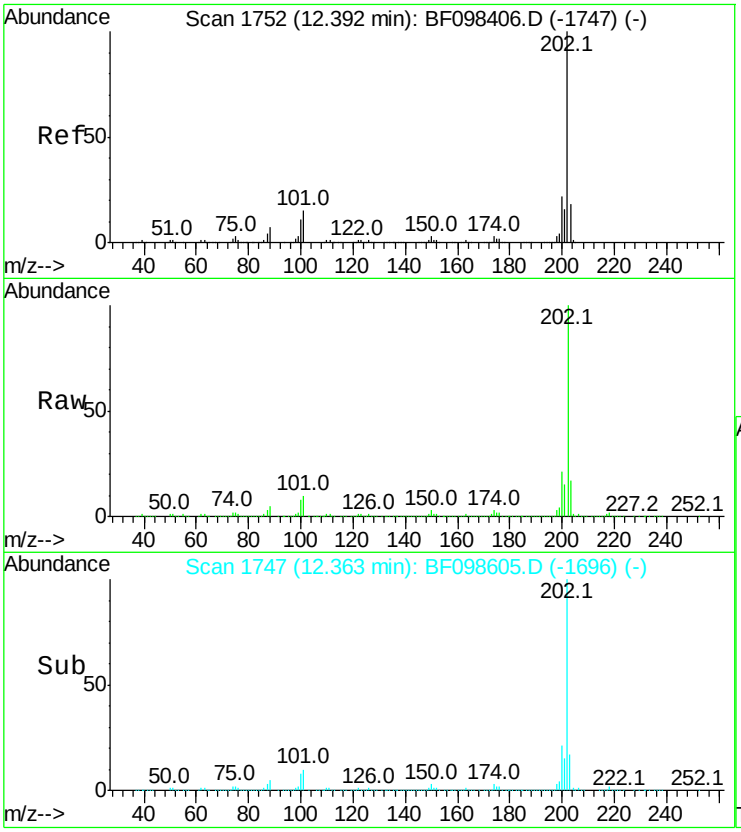


#71
Anthracene
Concen: 4.960 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:178 Resp: 99236

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.2	12.7	19.1



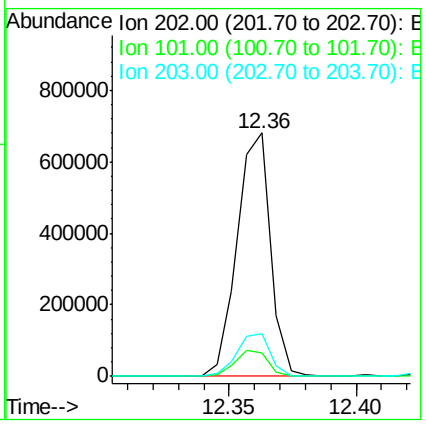


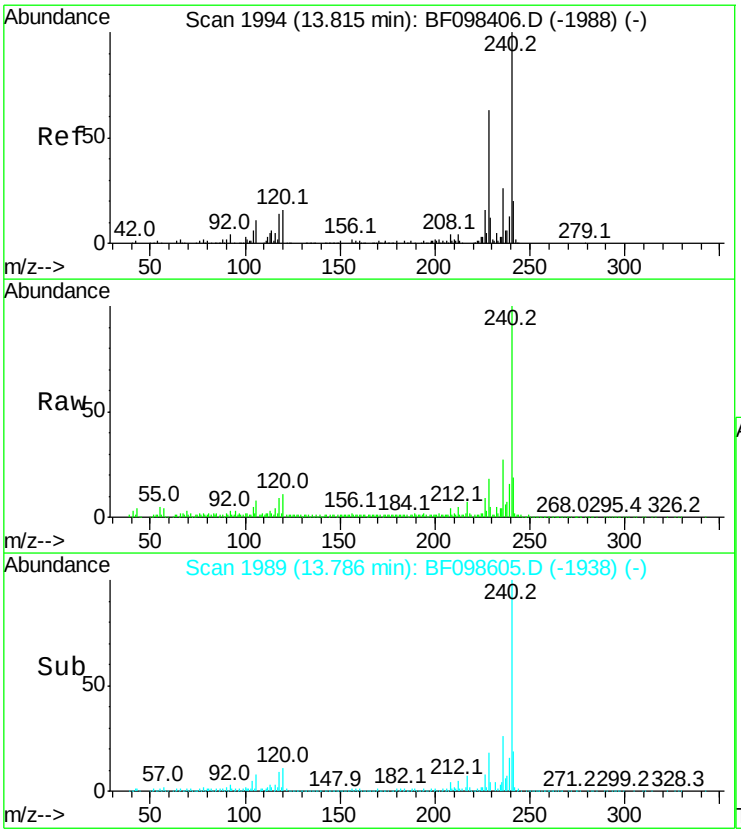
#74
Fluoranthene
Concen: 31.851 ng
RT: 12.36 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 621368

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	33.2
203	17.5	0.0	38.1

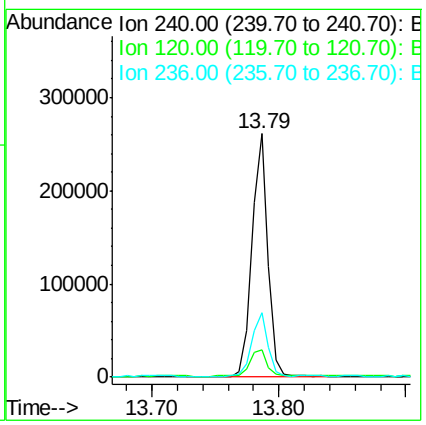


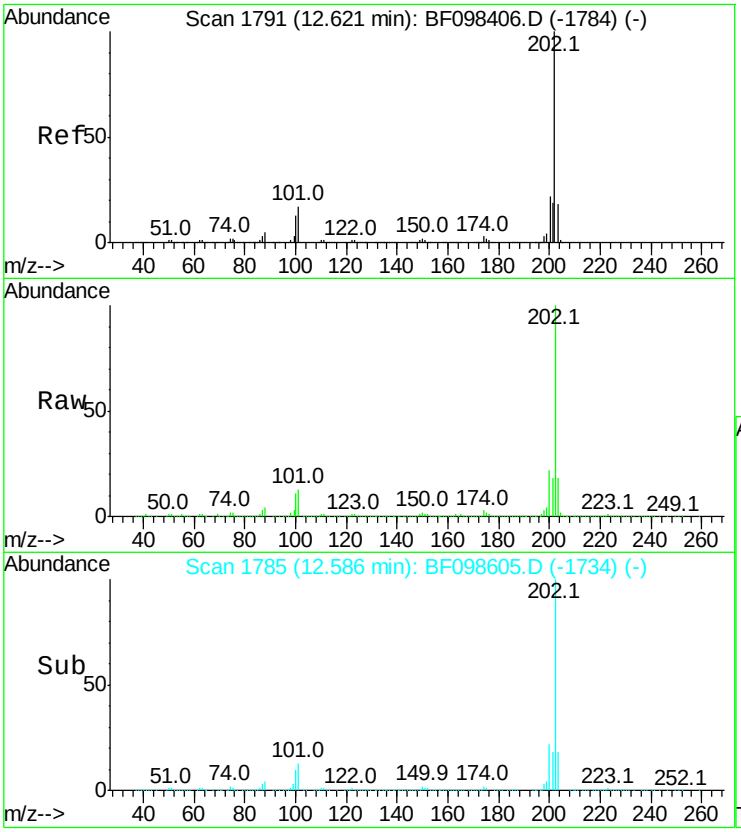


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:240 Resp: 228647

Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.8	8.8#
236	26.6	20.5	30.7



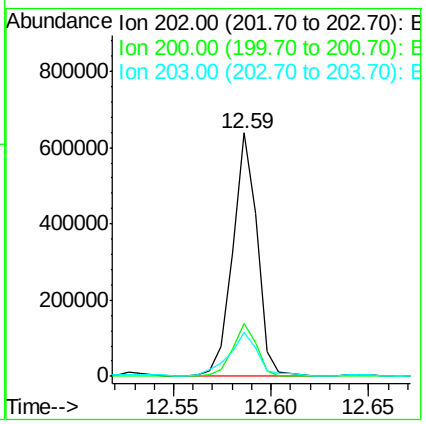


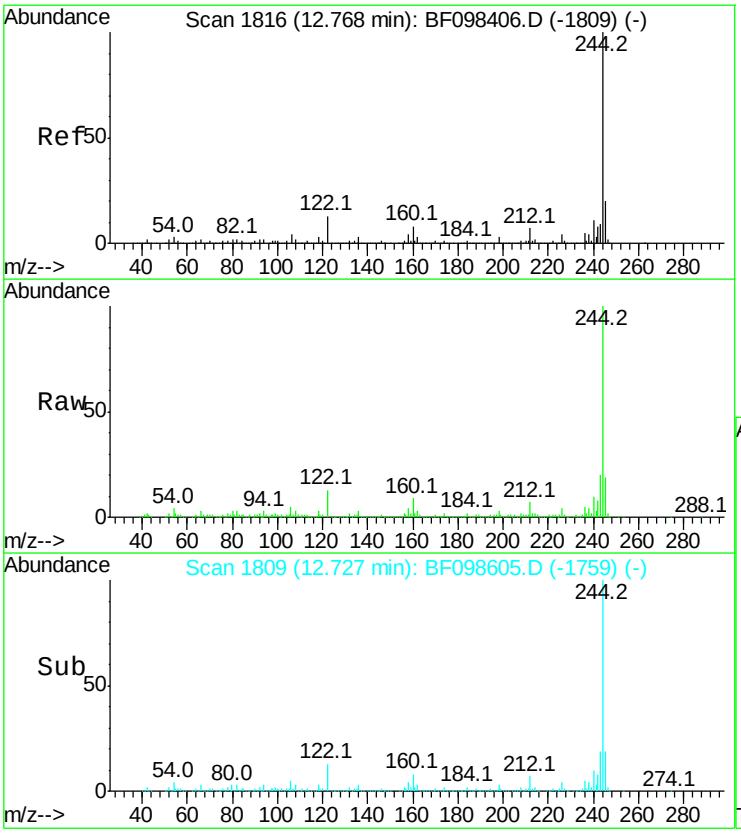
#77
Pyrene
Concen: 30.693 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 553620

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.2	14.4	21.6

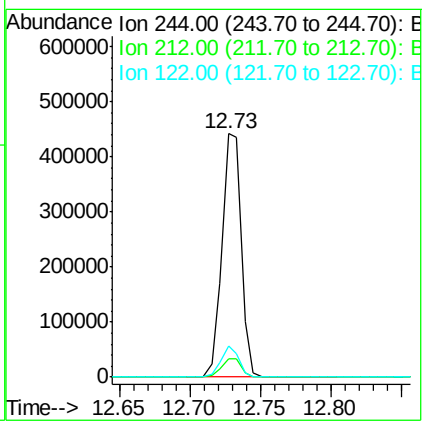


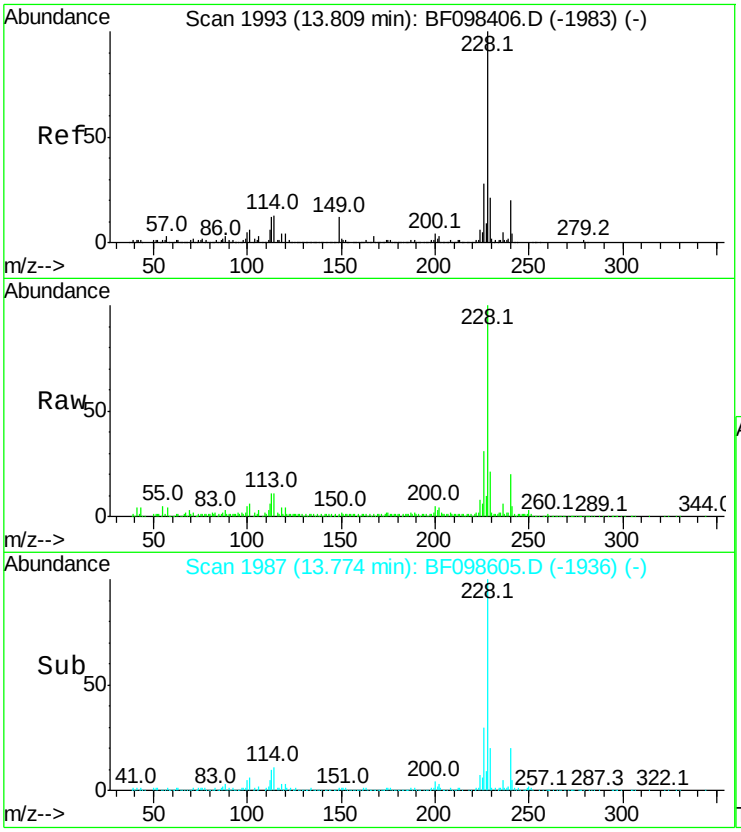


#78
Terphenyl-d14
Concen: 39.614 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:244 Resp: 419630

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	10.3	15.5



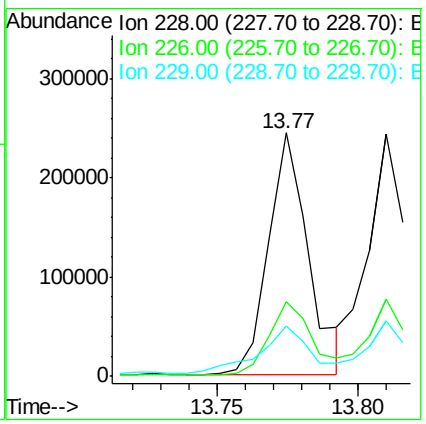


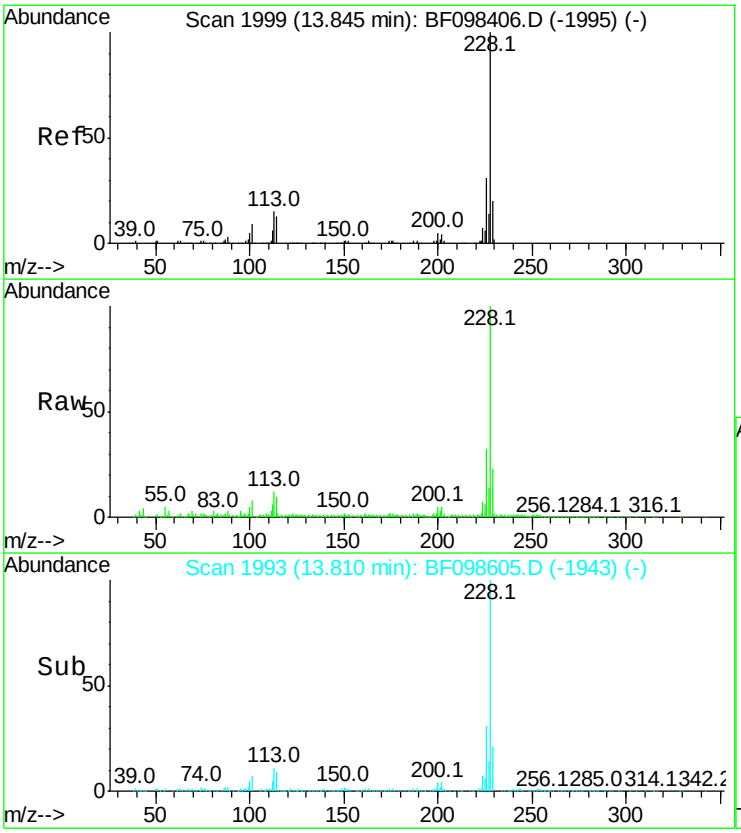
#80
Benzo(a)anthracene
Concen: 17.924 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 240280

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.8	16.3	24.5

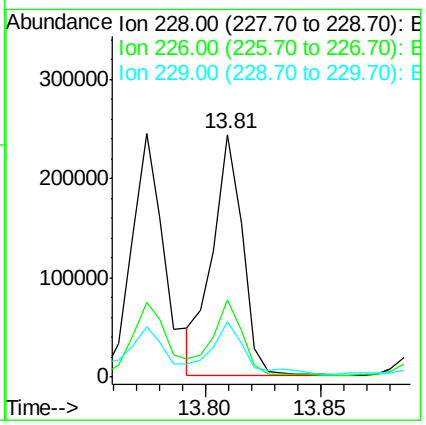


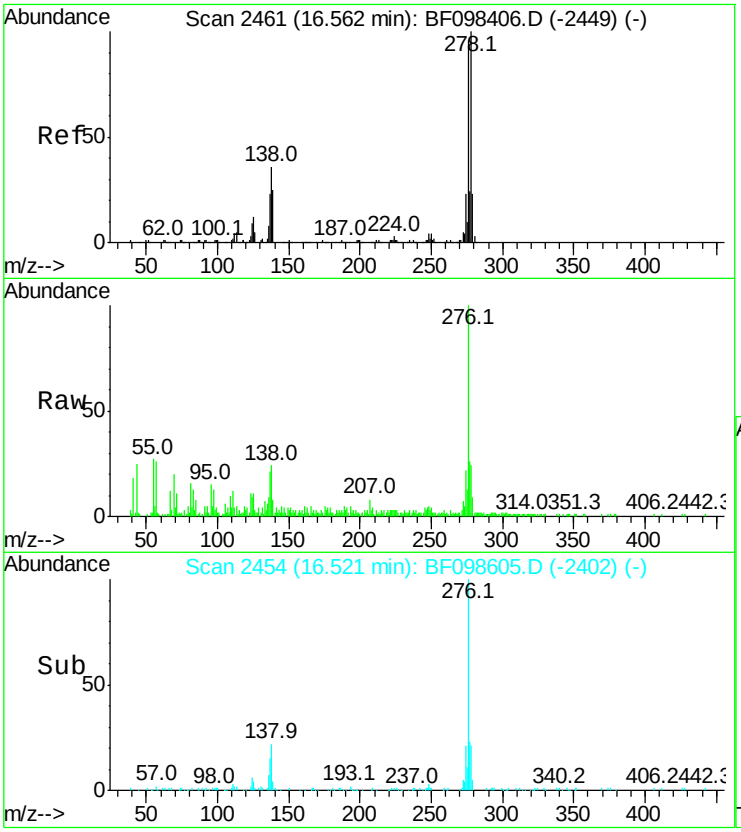


#82
Chrysene
Concen: 16.197 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:228 Resp: 219474

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	22.7	15.8	23.6



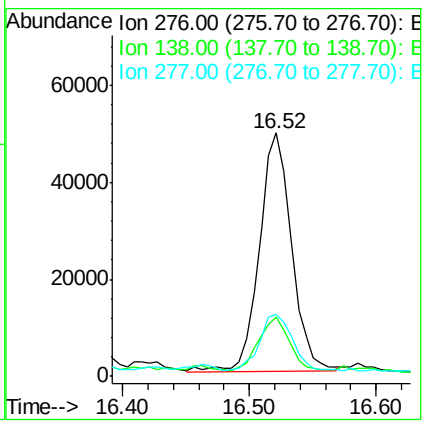


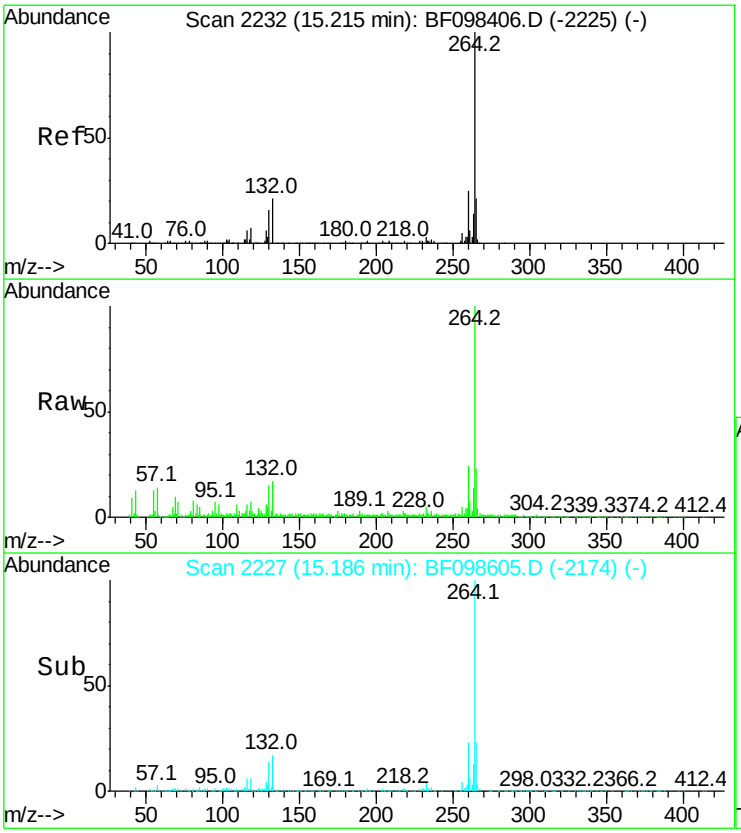
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.145 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 86936

Ion	Ratio	Lower	Upper
276	100		
138	21.9	27.8	41.6#
277	24.2	20.2	30.4

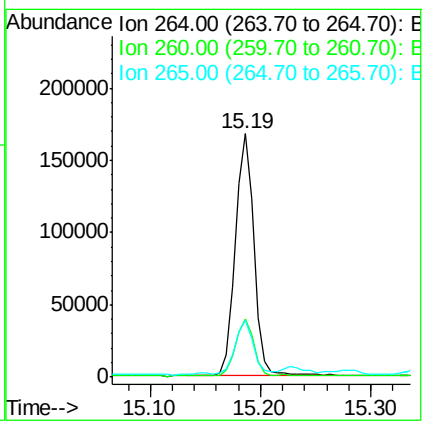


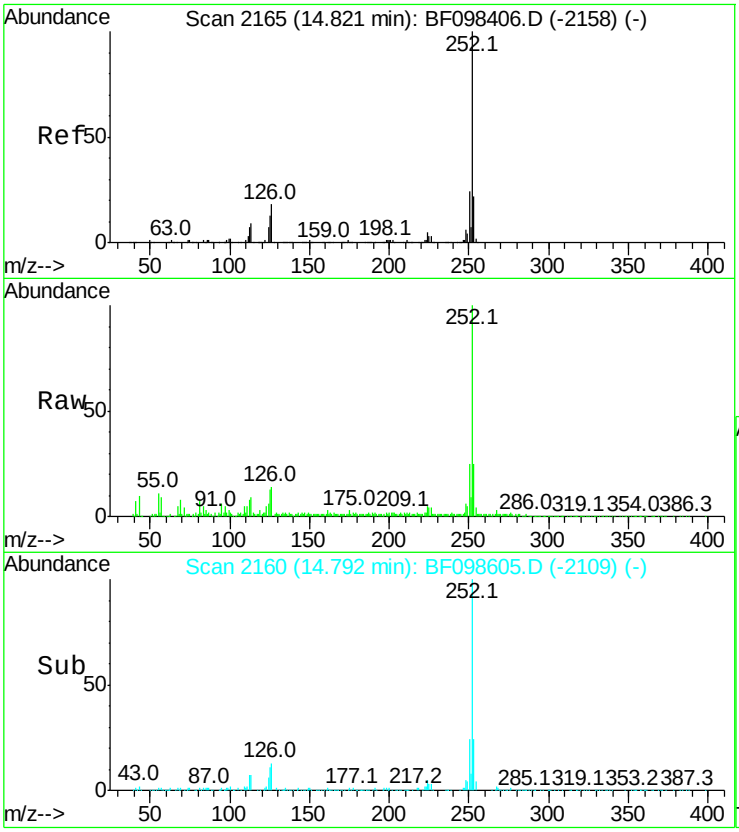


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:264 Resp: 200550

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	23.3	17.2	25.8



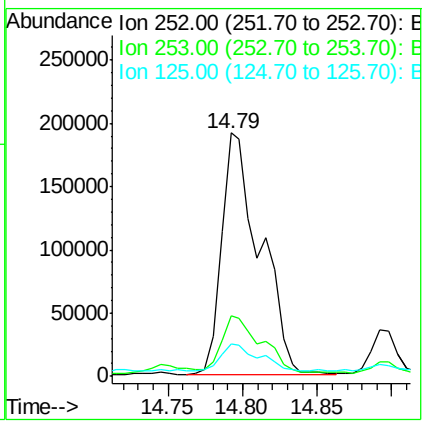


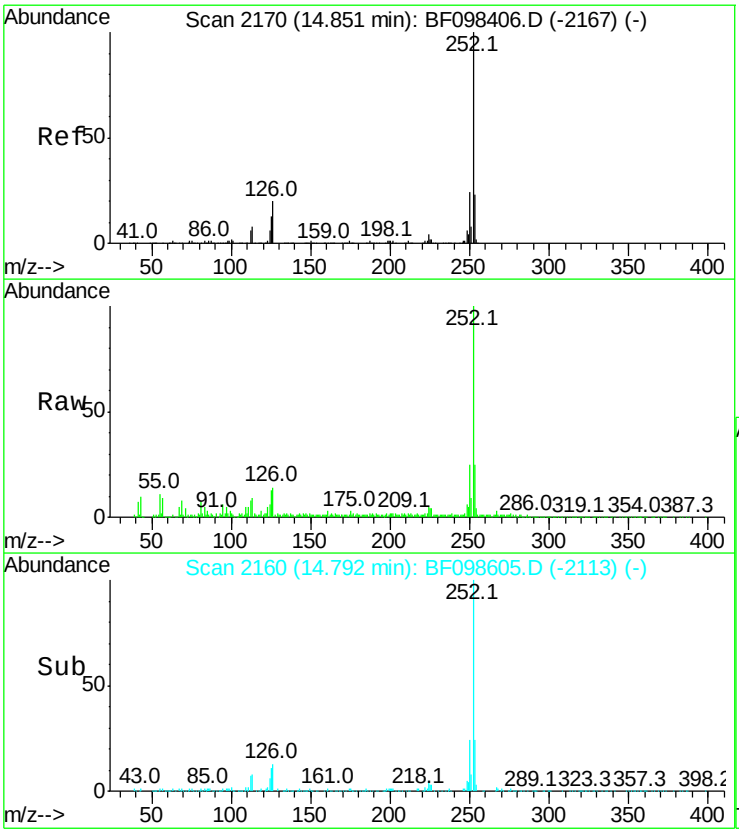
#87
Benzo(b)fluoranthene
Concen: 27.280 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 343999

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	13.4	9.8	14.8

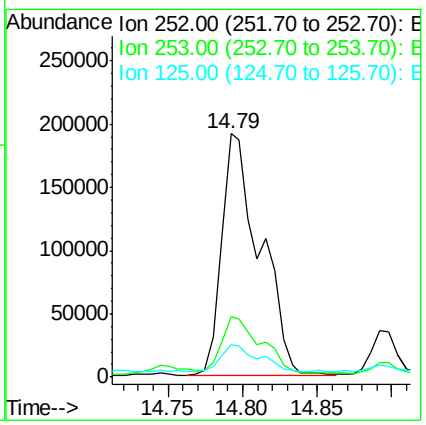


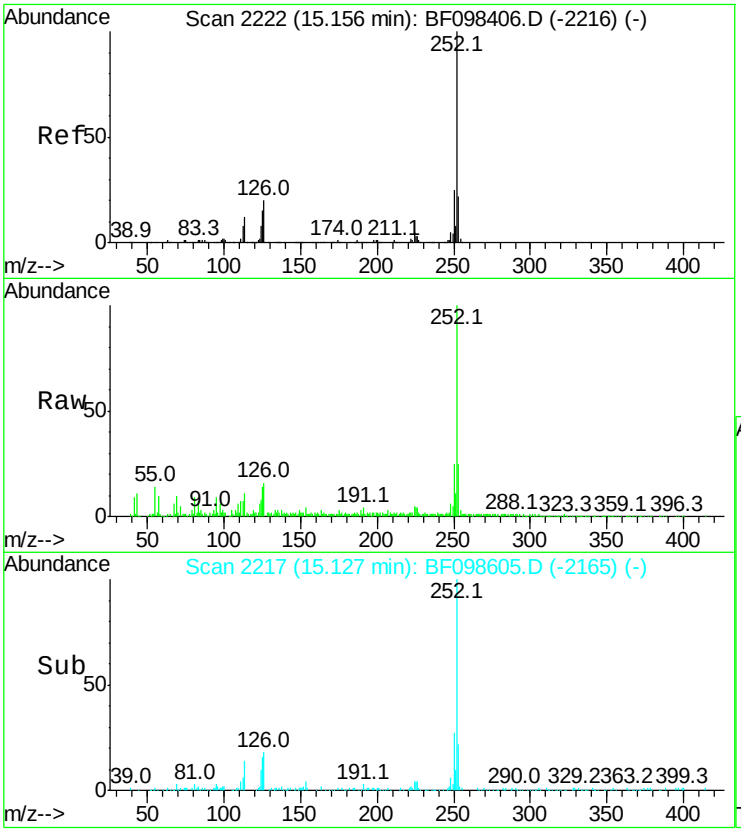


#88
Benzo(k)fluoranthene
Concen: 29.221 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:252 Resp: 343999

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.4	27.6
125	13.4	13.1	19.7



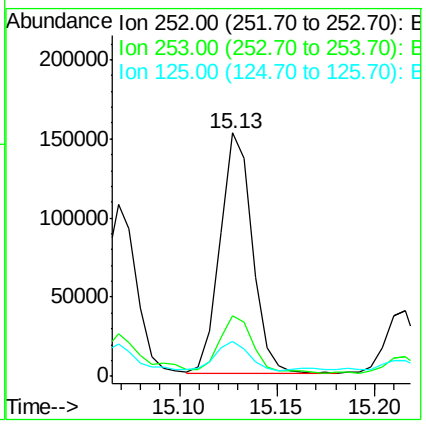


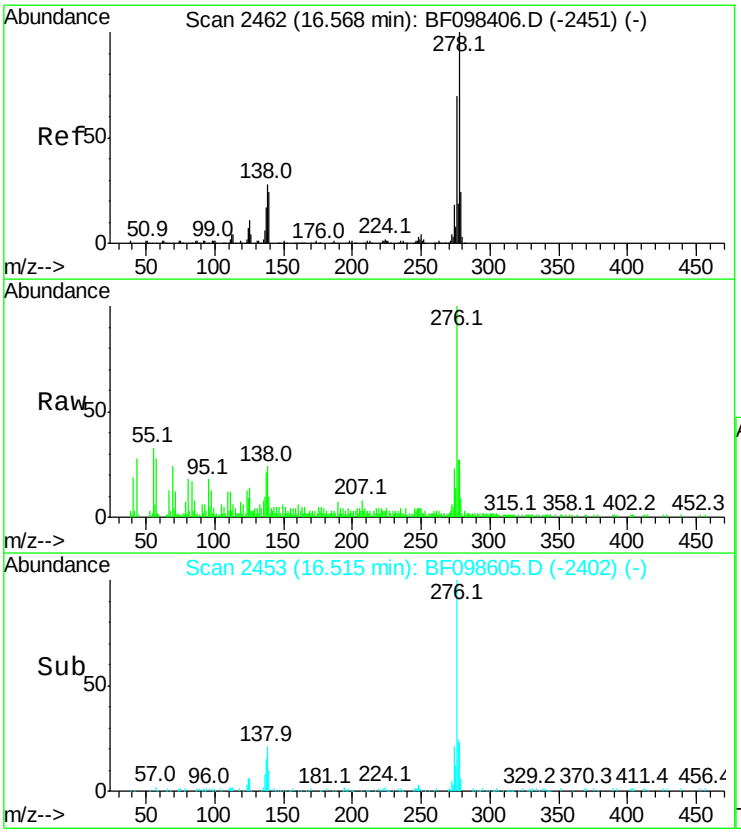
#89
Benzo(a)pyrene
Concen: 15.558 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 174780

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	14.4	11.0	16.4

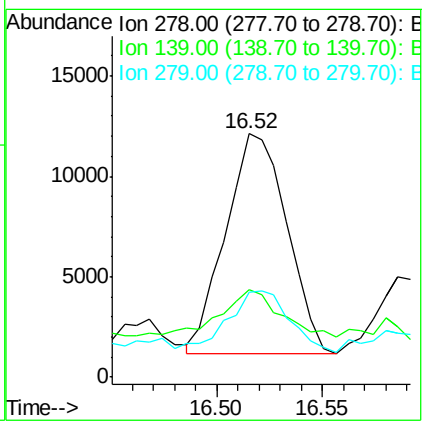


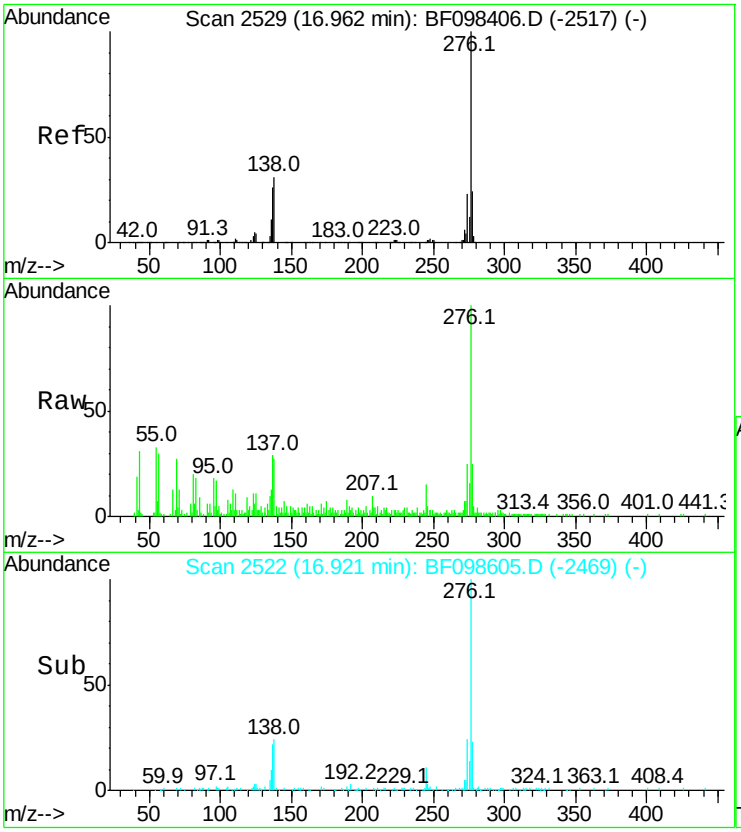


#90
Dibenzo(a,h)anthracene
Concen: 2.684 ng
RT: 16.52 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Tgt Ion:278 Resp: 21933

Ion	Ratio	Lower	Upper
278	100		
139	35.9	16.6	24.8#
279	34.7	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 9.705 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF098605.D
Acq: 18 Sep 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 79774

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	26.8	25.4	38.0