Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097611.D
Acq On : 12 Aug 2017 00:02
Operator : SJ/JU
Sample : I4604-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PMW-2-080217

Quant Time: Aug 12 00:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	93028	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	421417	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	179117	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	206403	20.00	ng		0.00
75) Chrysene-d12	18.46	240	184047	20.00	ng		0.00
86) Perylene-d12	20.13	264	178561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	427279	73.01	ng		0.02
7) Phenol-d6	7.07	99	284455	39.18	ng		0.01
23) Nitrobenzene-d5	8.42	82	576770	85.82	ng		0.00
41) 2,4,6-Tribromophenol	13.66	330	185677	136.36	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	1047384	88.25	ng		0.00
78) Terphenyl-d14	17.12	244	587309	66.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	377	0.15	ng	#	21
4) n-Nitrosodimethylamine	2.31	42	109	0.03	ng	#	1
6) Aniline	7.16	93	631	0.06	ng	#	1
10) Phenol	7.10	94	6898	0.87	ng	#	13
11) bis(2-Chloroethyl)ether	7.16	93	631	0.10	ng	#	1
15) Benzyl Alcohol	7.75	79	9736	1.94	ng	#	32
19) n-Nitroso-di-n-propylamine	8.42	70	77766	15.40	ng	#	88
24) Nitrobenzene	8.42	77	1347	0.18	ng	#	32
25) Isophorone	8.87	82	774	0.06	ng	#	67
45) 1,1'-Biphenyl	11.49	154	1563	0.10	ng		85
49) Dimethylphthalate	12.01	163	68531	4.96	ng		99
50) 2,6-Dinitrotoluene	12.36	165	21934	7.69	ng	#	31
51) Acenaphthene	12.36	154	275	0.02	ng	#	4
59) Diethylphthalate	13.16	149	750	0.06	ng	#	60
62) Azobenzene	13.66	77	1042	0.08	ng	#	1
64) 4,6-Dinitro-2-methylphenol	13.66	198	107	0.08	ng	#	1
65) n-Nitrosodiphenylamine	13.66	169	5889	0.77	ng	#	41
73) Di-n-butylphthalate	15.76	149	6198	0.46	ng	#	98
77) Pyrene	17.12	202	1882	0.12	ng	#	46
80) Benzo(a)anthracene	18.46	228	345	0.03	ng	#	50
82) Chrysene	18.46	228	345	0.03	ng	#	49
83) Bis(2-ethylhexyl)phthalate	18.53	149	1558	0.17	ng	#	85
84) Di-n-octyl phthalate	19.31	149	1054	0.07	ng	#	1
87) Benzo(b)fluoranthene	19.73	252	108	0.01	ng	#	59
88) Benzo(k)fluoranthene	19.73	252	108	0.01	ng	#	56
89) Benzo(a)pyrene	20.13	252	477	0.05	ng	#	1

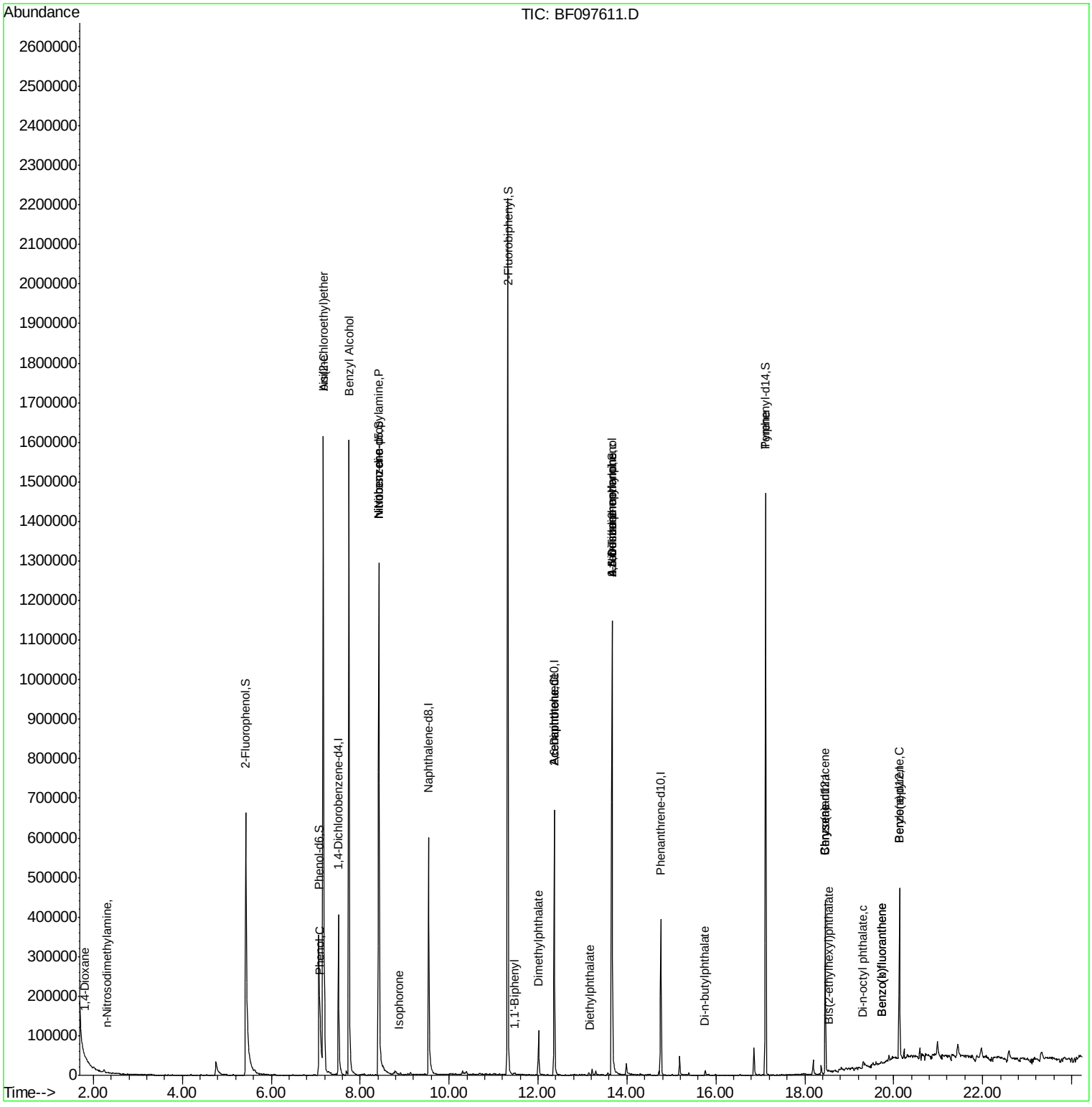
(#) = qualifier out of range (m) = manual integration (+) = signals summed

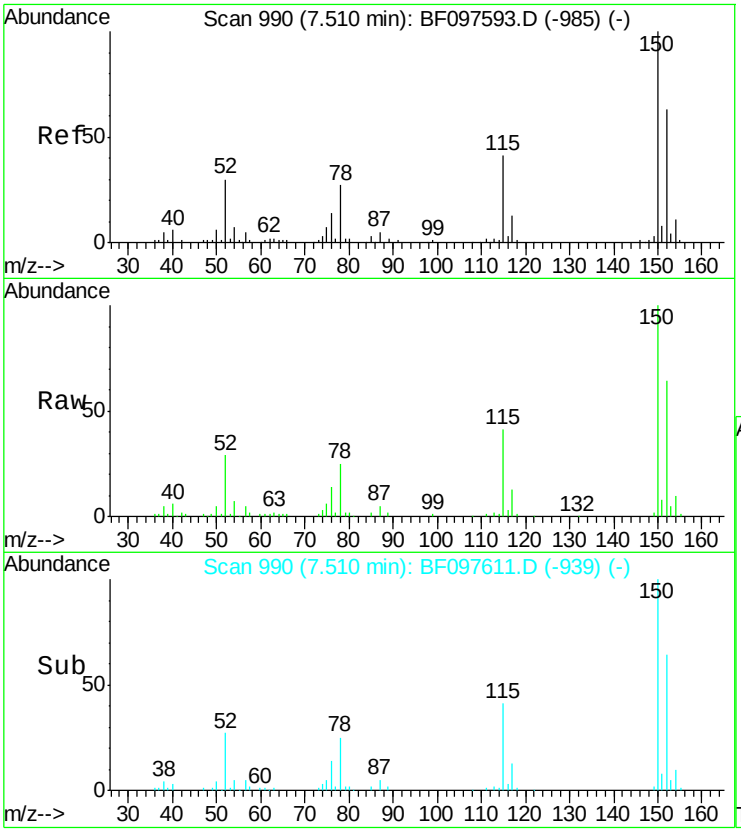
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097611.D
Acq On : 12 Aug 2017 00:02
Operator : SJ/JU
Sample : I4604-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Quant Time: Aug 12 00:56:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



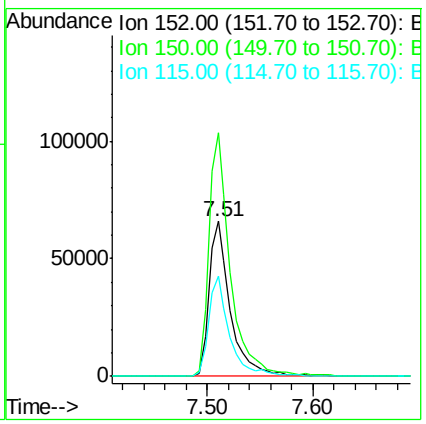


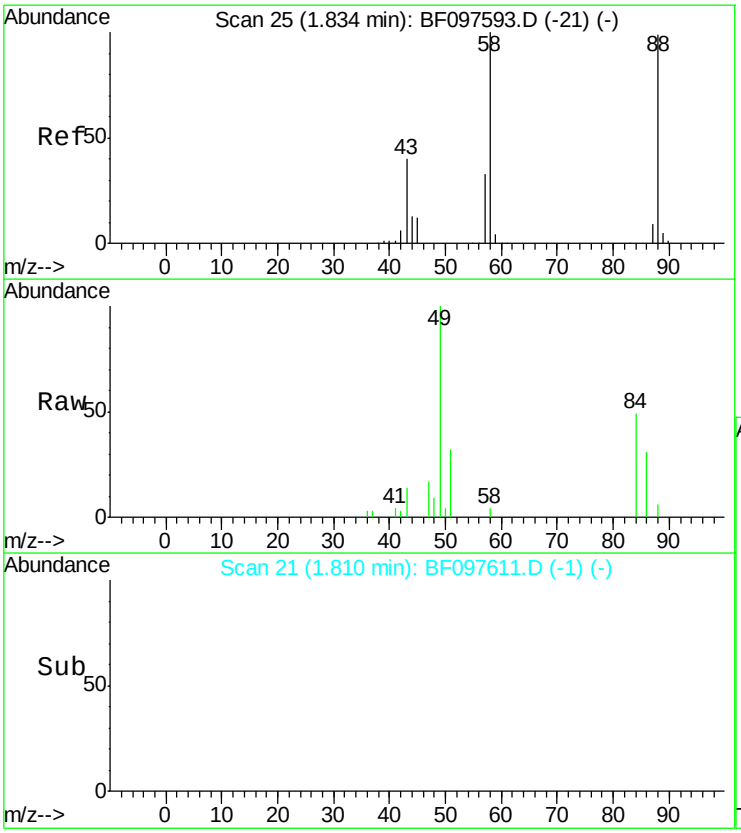
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:152 Resp: 93028

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	65.1	52.2	78.2

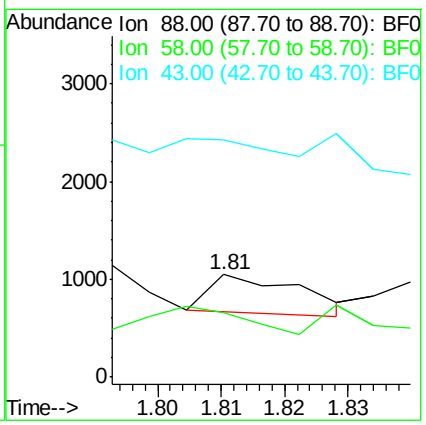


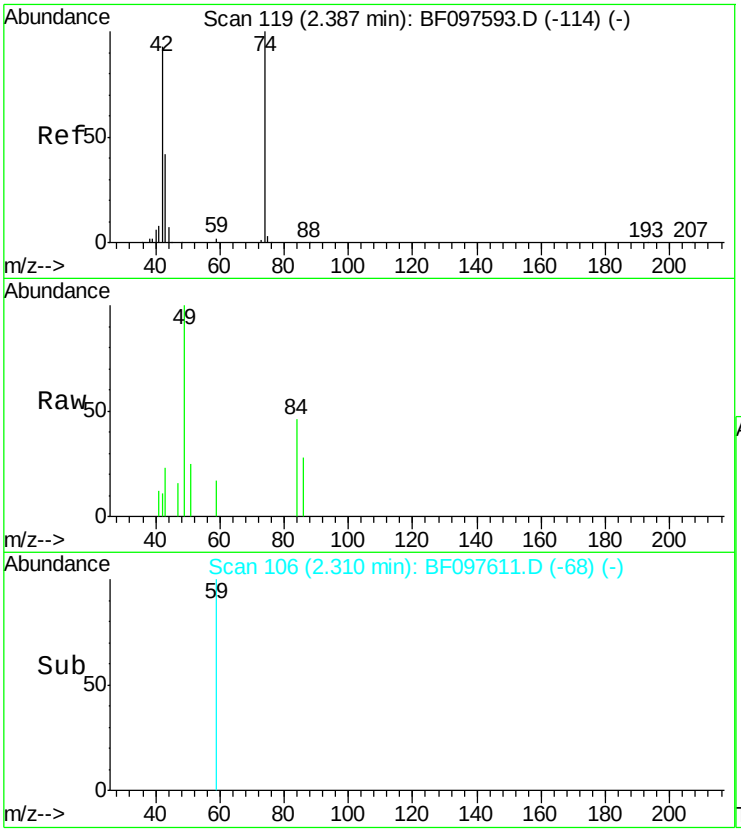


#2
1,4-Dioxane
Concen: 0.15 ng
RT: 1.81 min Scan# 21
Delta R.T. -0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 88 Resp: 377

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



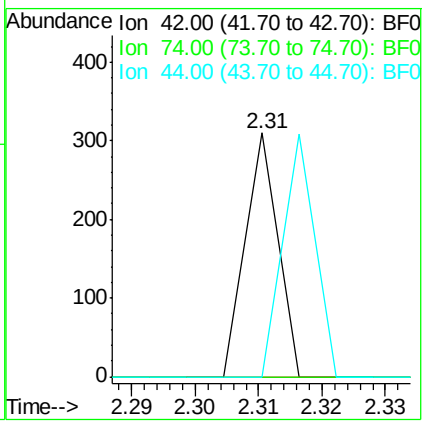


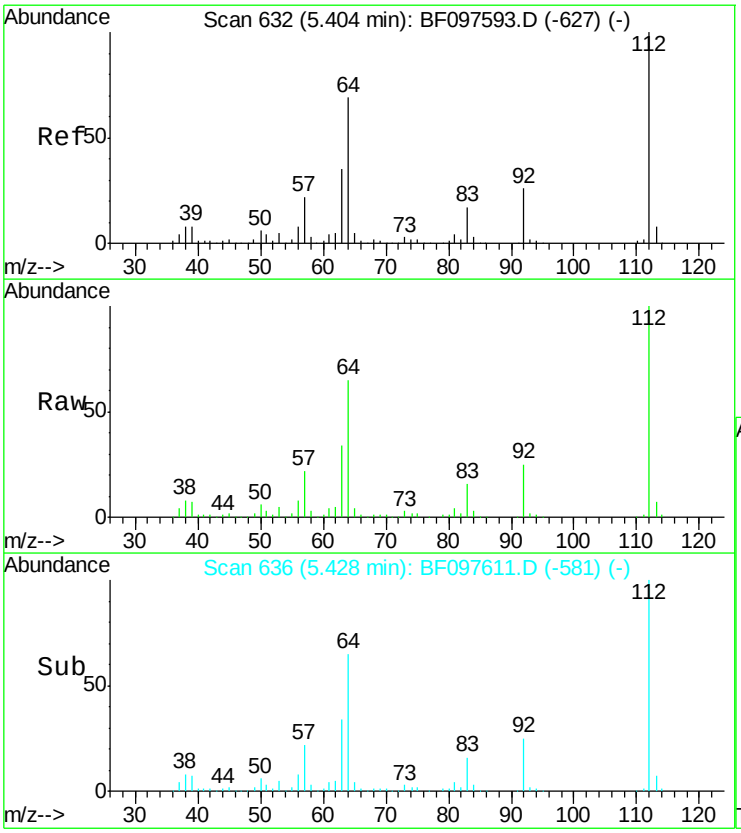
#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 2.31 min Scan# 106
Delta R.T. -0.08 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 42 Resp: 109

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#

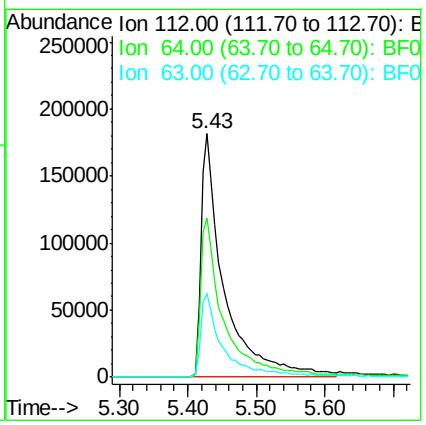


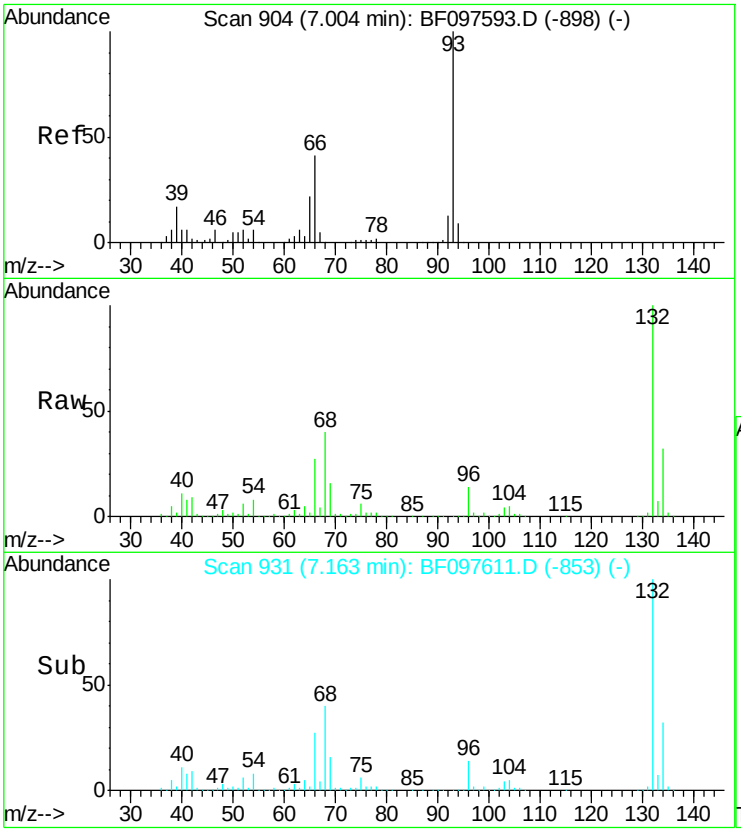


#5
2-Fluorophenol
Concen: 73.01 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:112 Resp: 427279

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	34.3	23.4	35.0



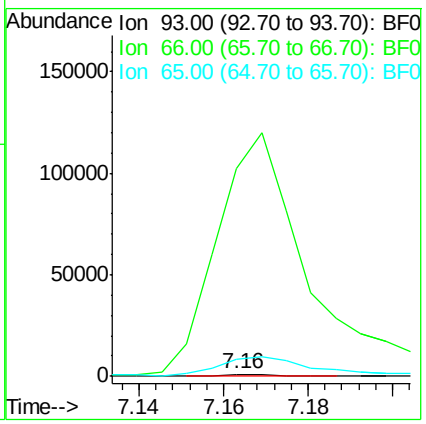


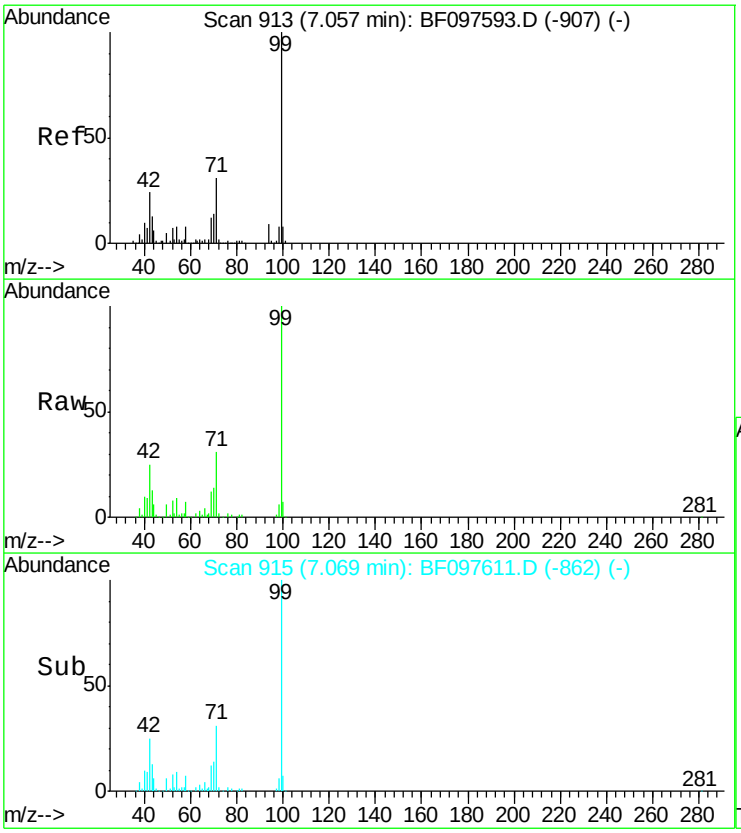
#6
Aniline
Concen: 0.06 ng
RT: 7.16 min Scan# 931
Delta R.T. 0.16 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 93 Resp: 631

Ion	Ratio	Lower	Upper
93	100		
66	12263.1	32.9	49.3#
65	1025.7	16.0	24.0#

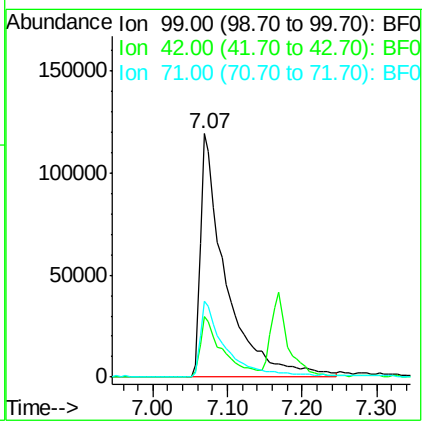


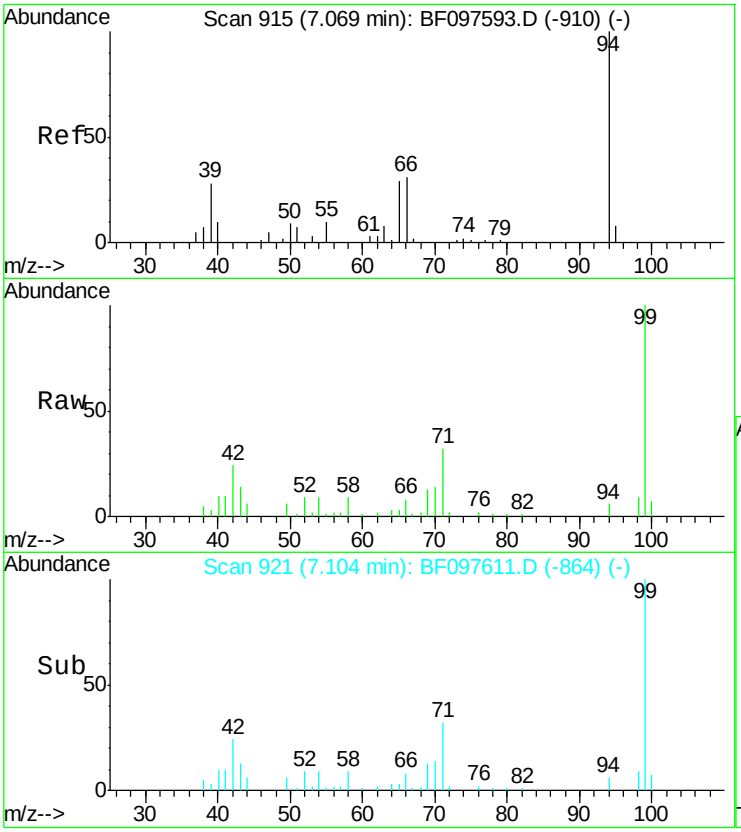


#7
Phenol-d6
Concen: 39.18 ng
RT: 7.07 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 99 Resp: 284455

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.5	20.3#
71	31.1	24.5	36.7



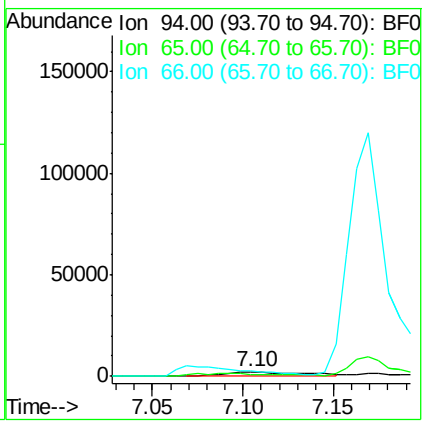


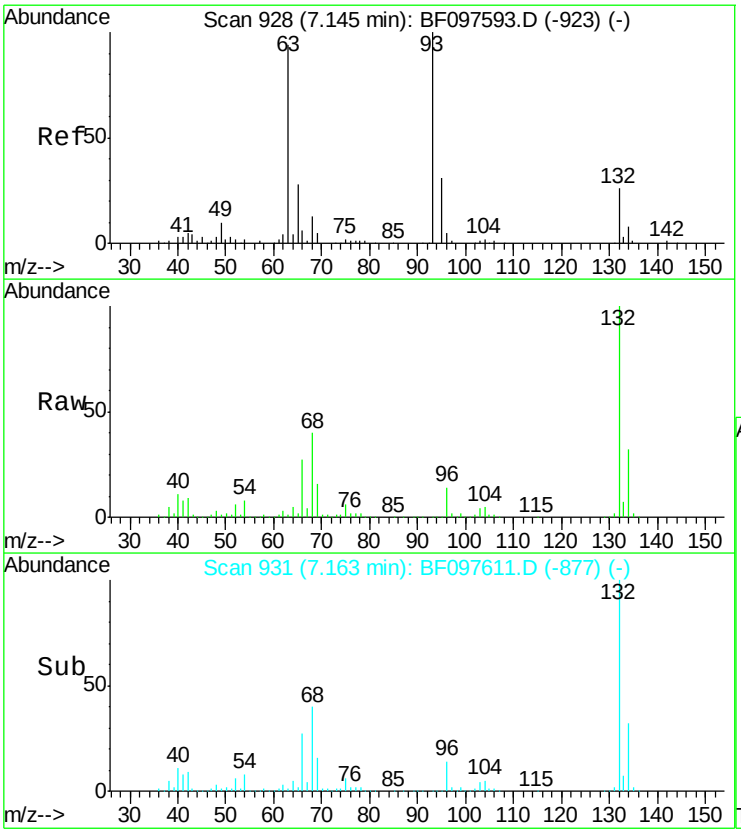
#10
Phenol
Concen: 0.87 ng
RT: 7.10 min Scan# 921
Delta R.T. 0.04 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 94 Resp: 6898

Ion	Ratio	Lower	Upper
94	100		
65	45.4	9.9	49.9
66	124.6	23.1	63.1#

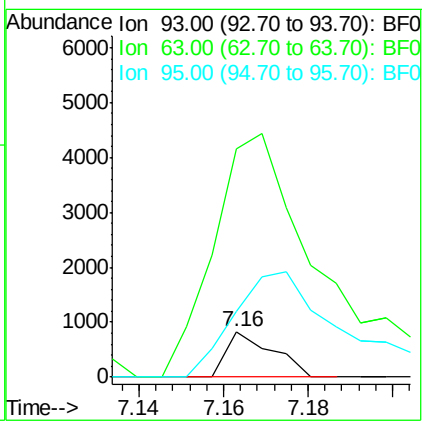


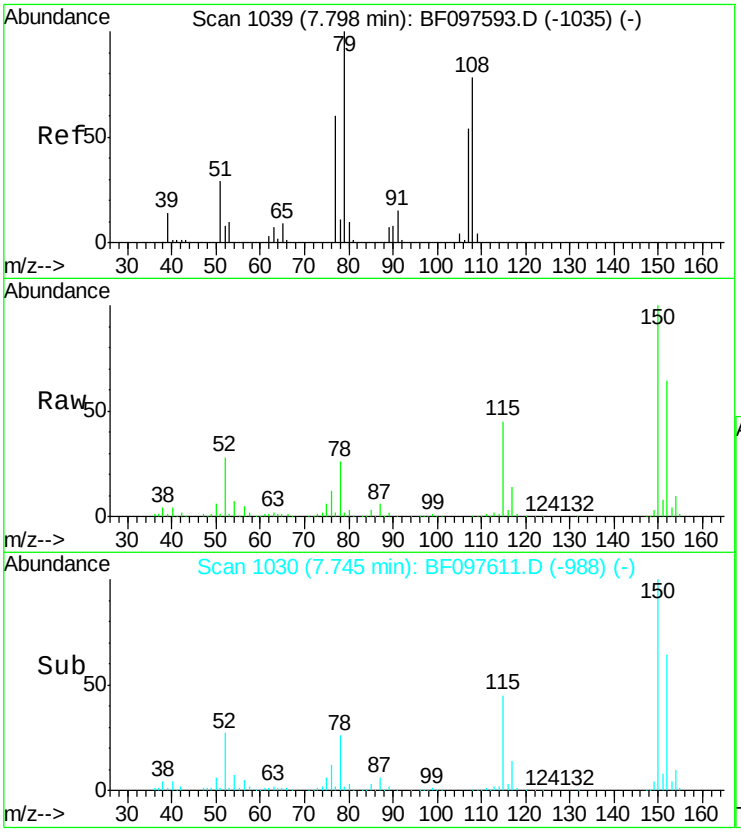


#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.16 min Scan# 931
Delta R.T. 0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 93 Resp: 631

Ion	Ratio	Lower	Upper
93	100		
63	499.0	59.2	99.2#
95	144.7	12.8	52.8#



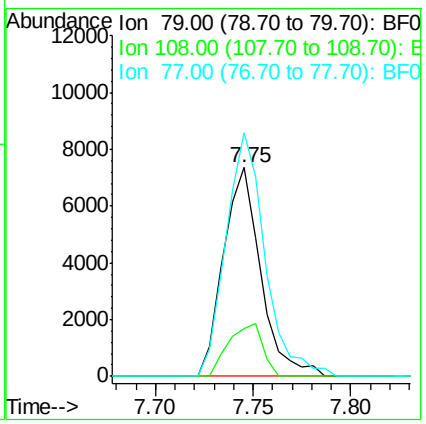


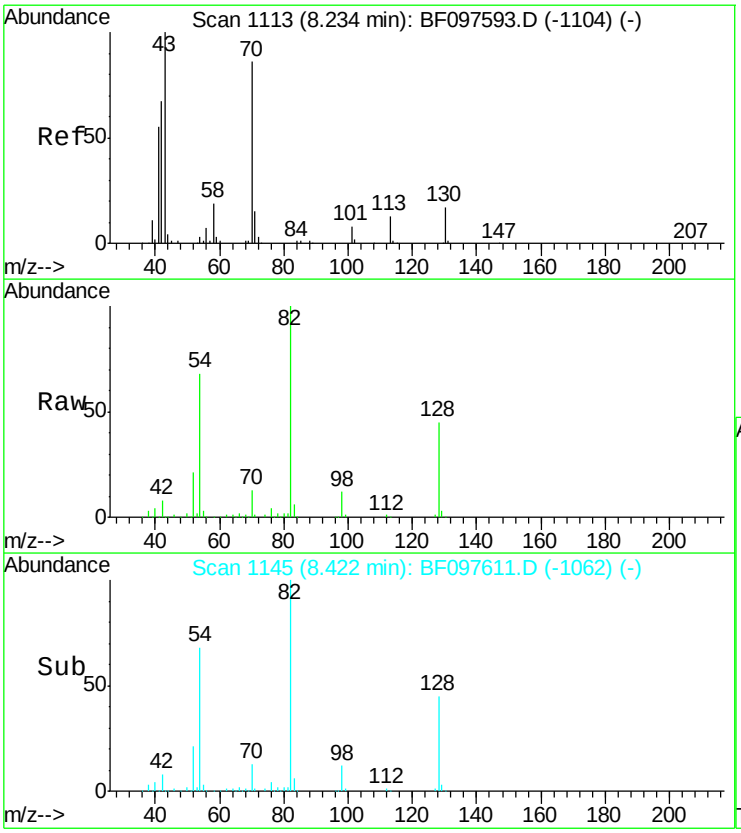
#15
Benzyl Alcohol
Concen: 1.94 ng
RT: 7.75 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 79 Resp: 9736

Ion	Ratio	Lower	Upper
79	100		
108	22.8	63.4	95.0#
77	116.7	49.2	73.8#

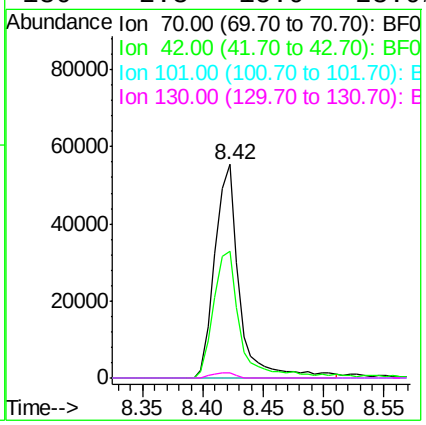


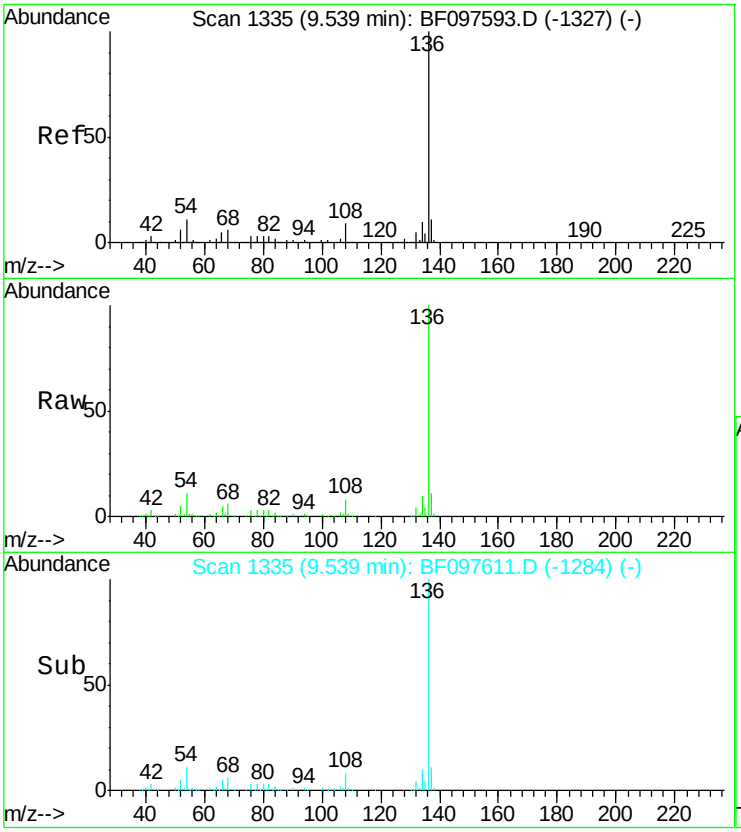


#19
n-Nitroso-di-n-propylamine
Concen: 15.40 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.19 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 70 Resp: 77766

Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



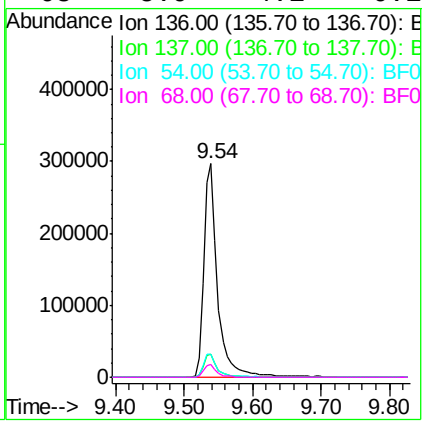


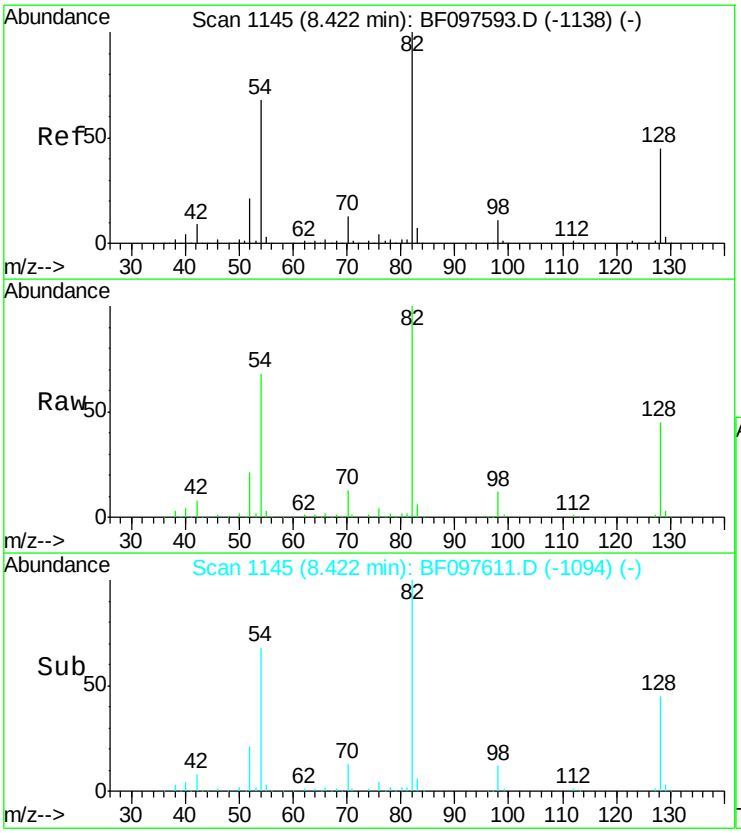
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:136 Resp: 421417

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1

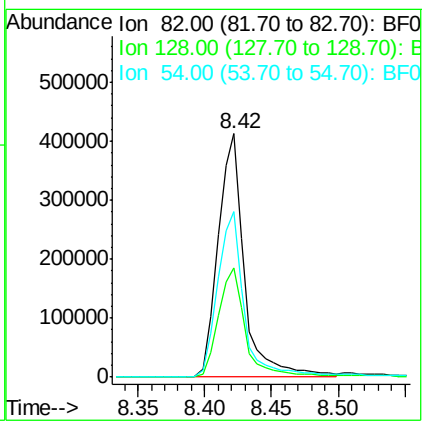


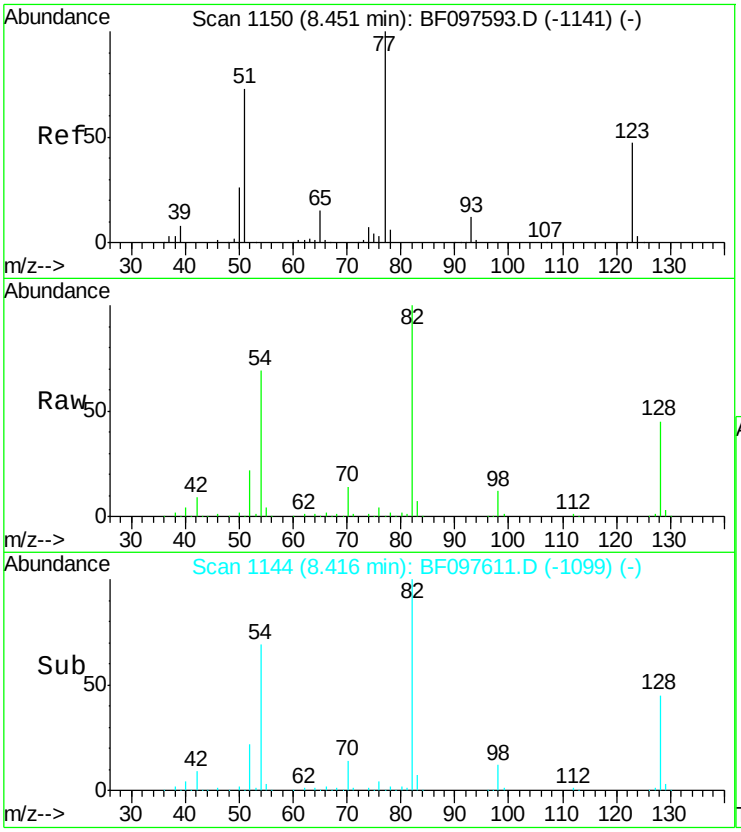


#23
Nitrobenzene-d5
Concen: 85.82 ng
RT: 8.42 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 82 Resp: 576770

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	68.1	42.2	63.2#



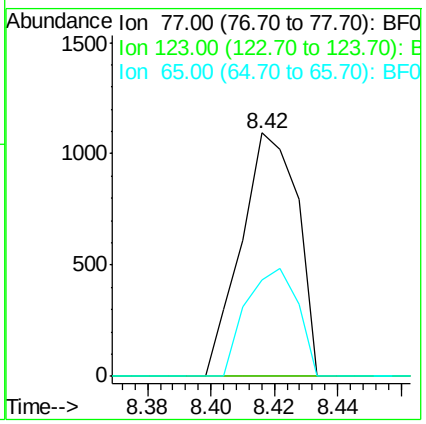


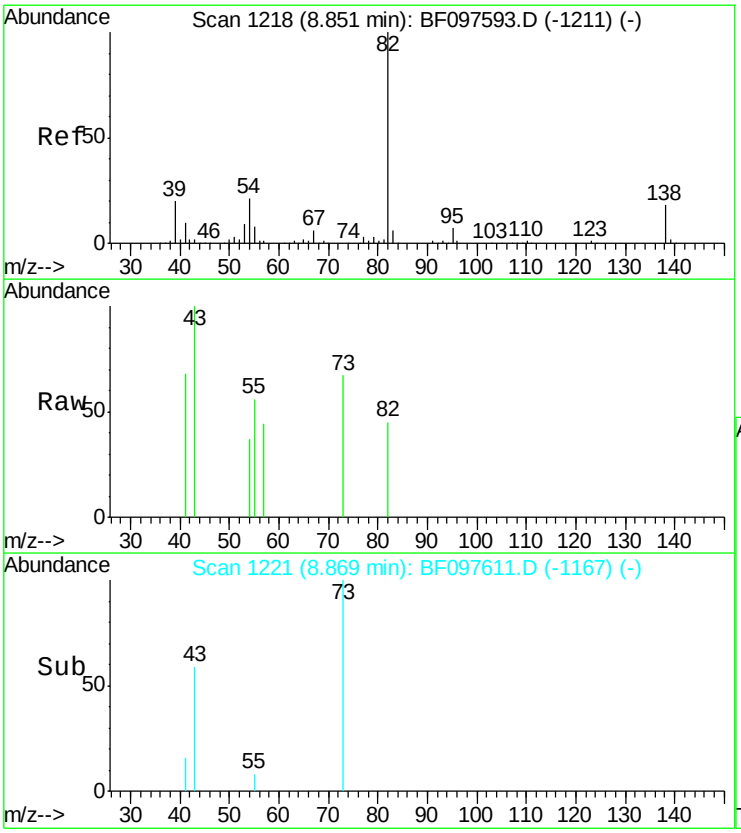
#24
Nitrobenzene
Concen: 0.18 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.04 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 77 Resp: 1347

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	39.6	10.6	15.8#

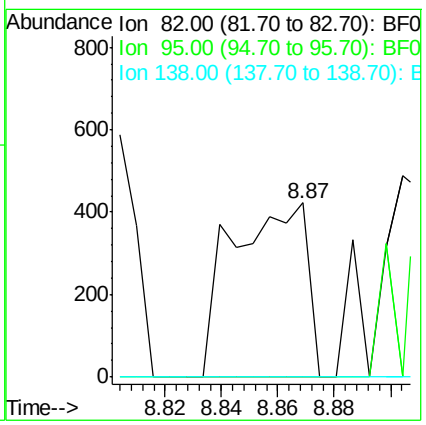


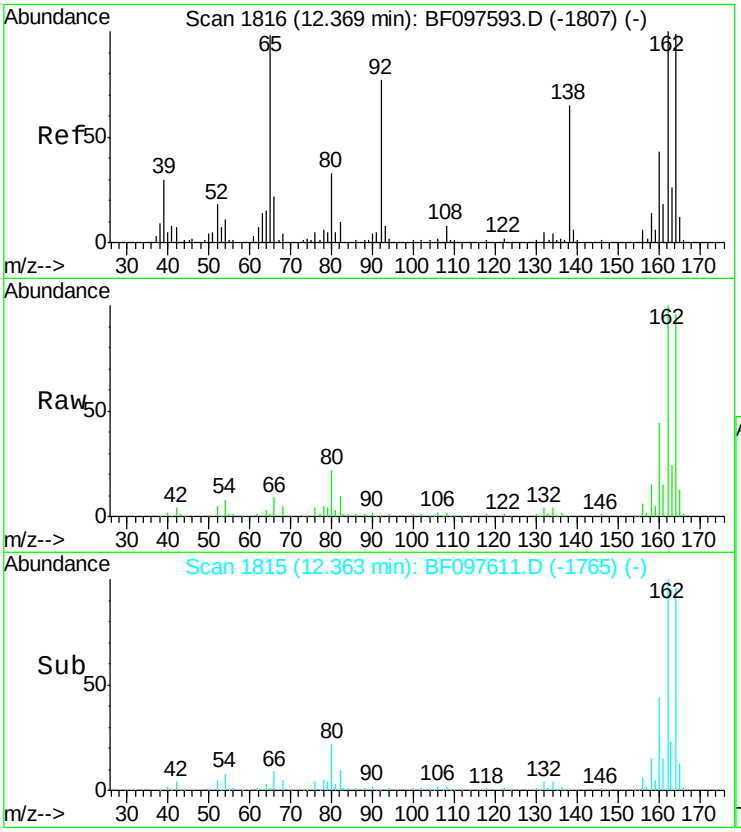


#25
Isophorone
Concen: 0.06 ng
RT: 8.87 min Scan# 1221
Delta R.T. 0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion: 82 Resp: 774

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



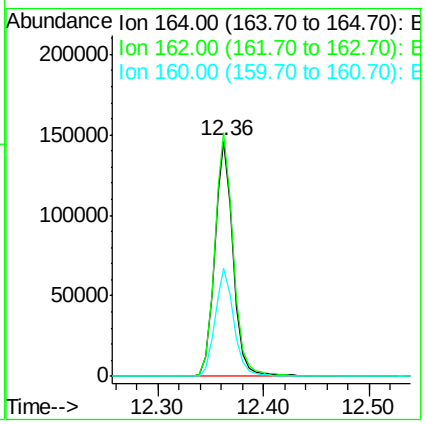


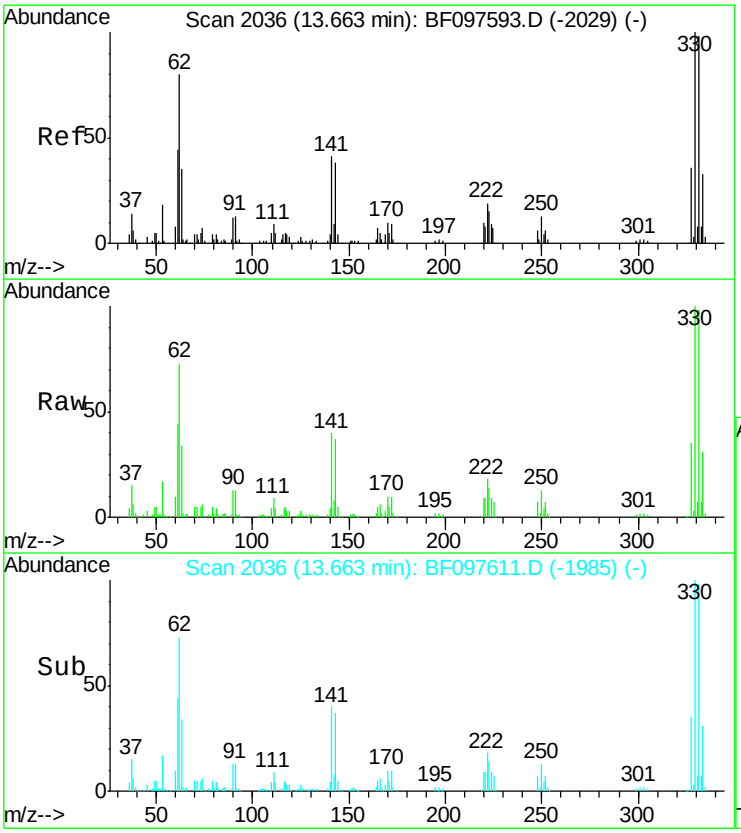
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:164 Resp: 179117

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	46.1	36.2	54.2

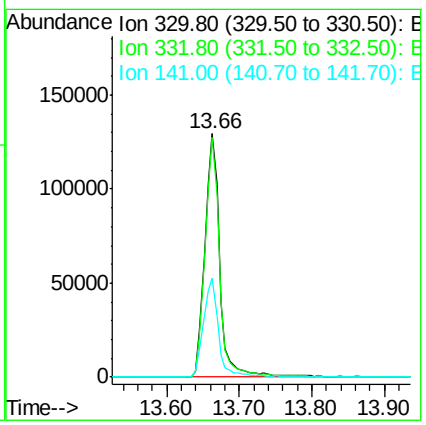


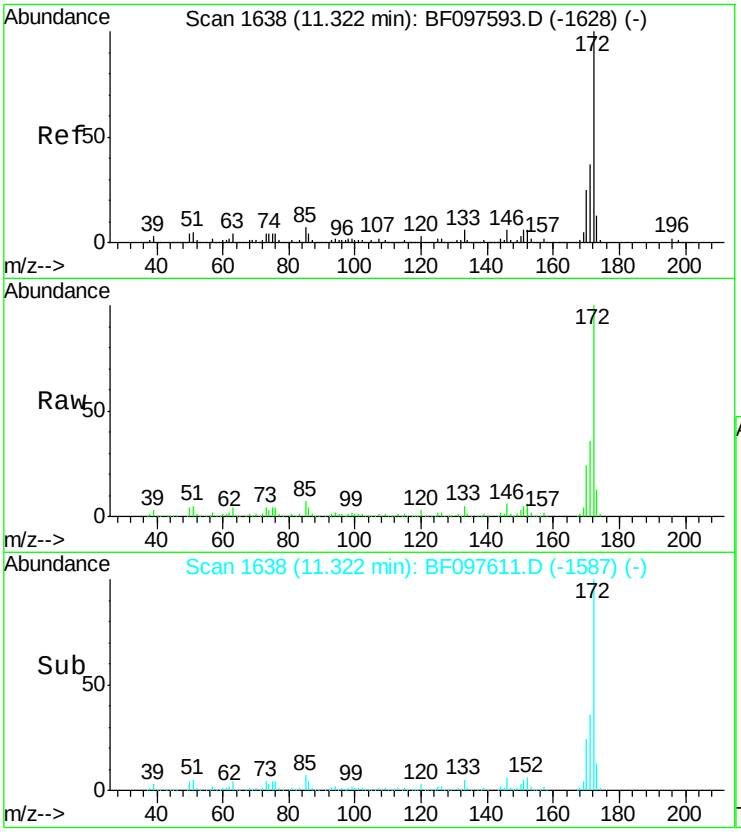


#41
2,4,6-Tribromophenol
Concen: 136.36 ng
RT: 13.66 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:330 Resp: 185677

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	40.5	31.4	47.2



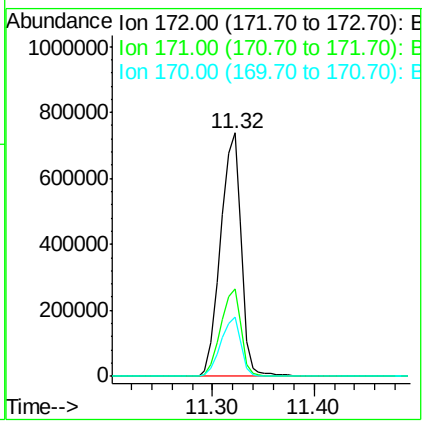


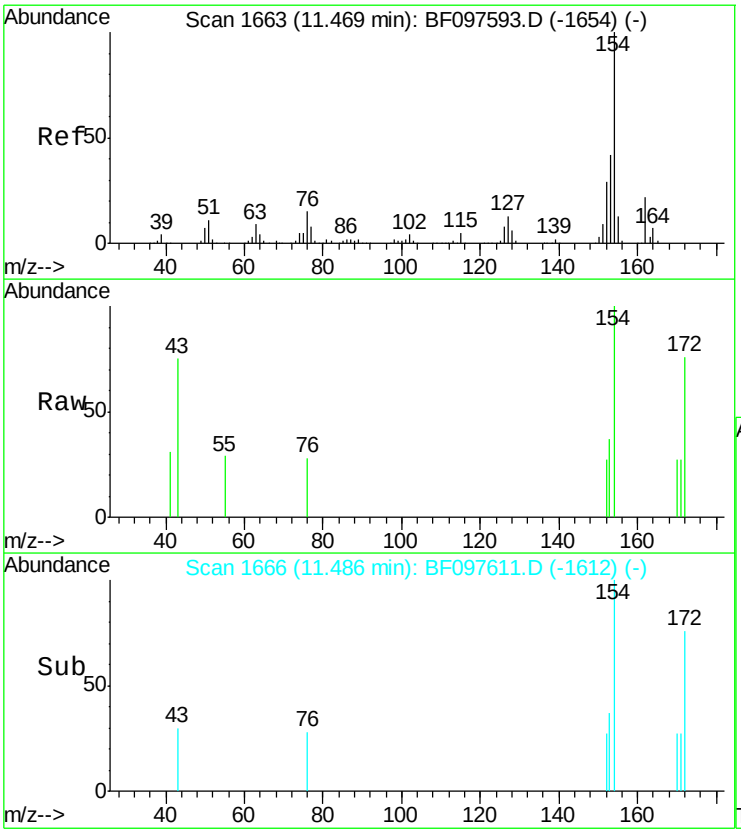
#44
2-Fluorobiphenyl
Concen: 88.25 ng
RT: 11.32 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:172 Resp: 1047384

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.4	19.8	29.8

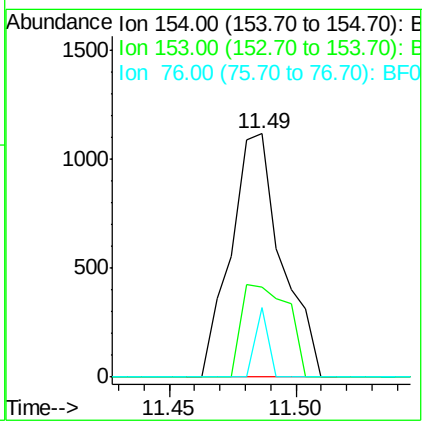


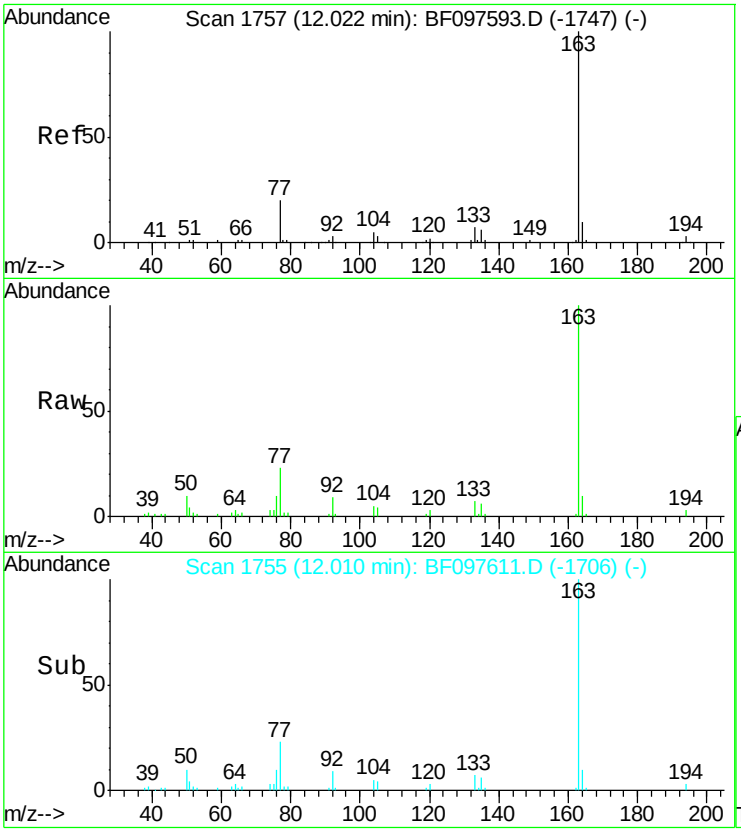


#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 11.49 min Scan# 1666
Delta R.T. 0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:154 Resp: 1563

Ion	Ratio	Lower	Upper
154	100		
153	37.1	21.2	61.2
76	28.4	0.0	29.9



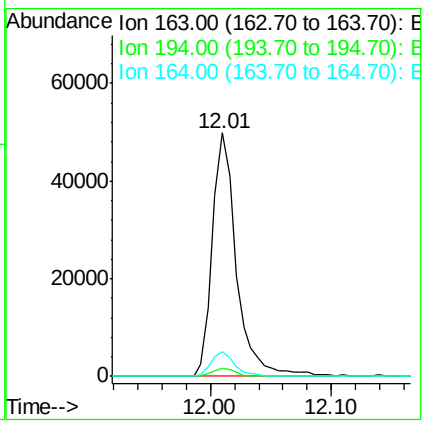


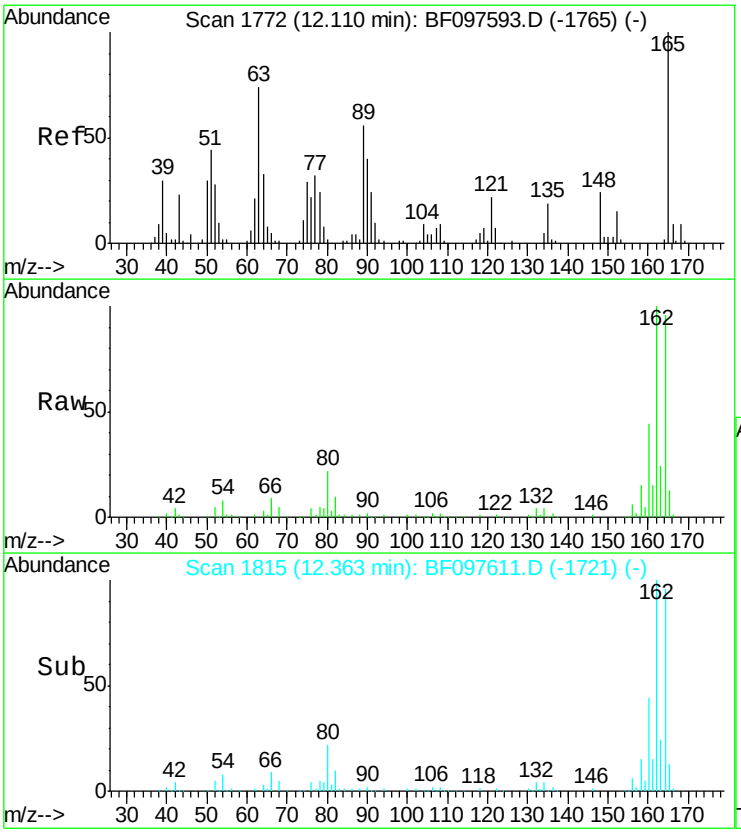
#49
Dimethylphthalate
Concen: 4.96 ng
RT: 12.01 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:163 Resp: 68531

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.2	8.4	12.6

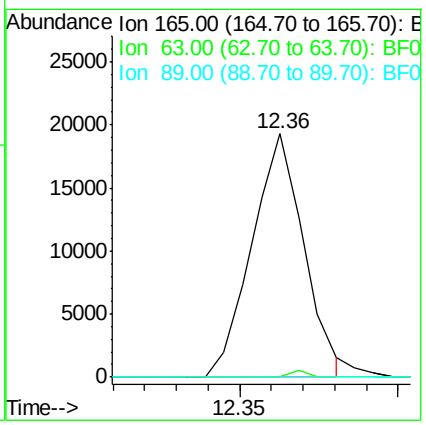


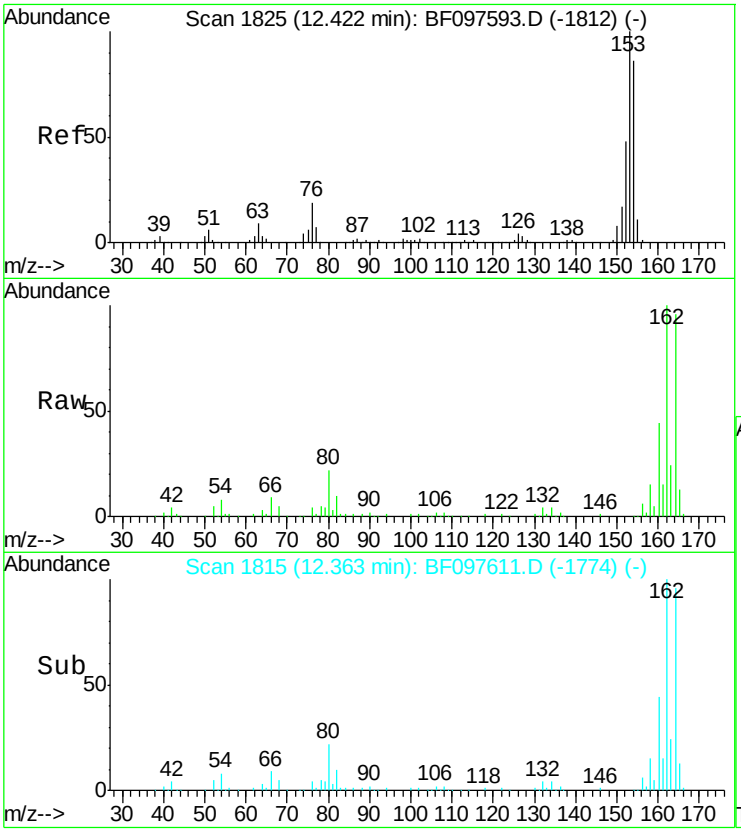


#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 12.36 min Scan# 1815
Delta R.T. 0.25 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:165 Resp: 21934

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



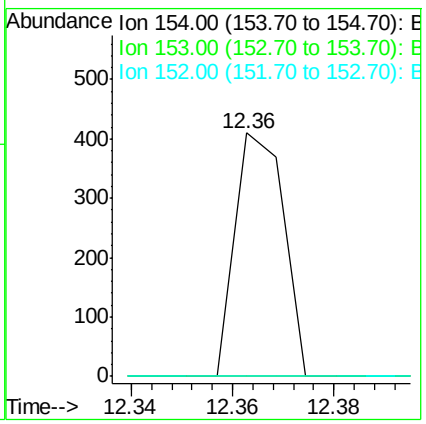


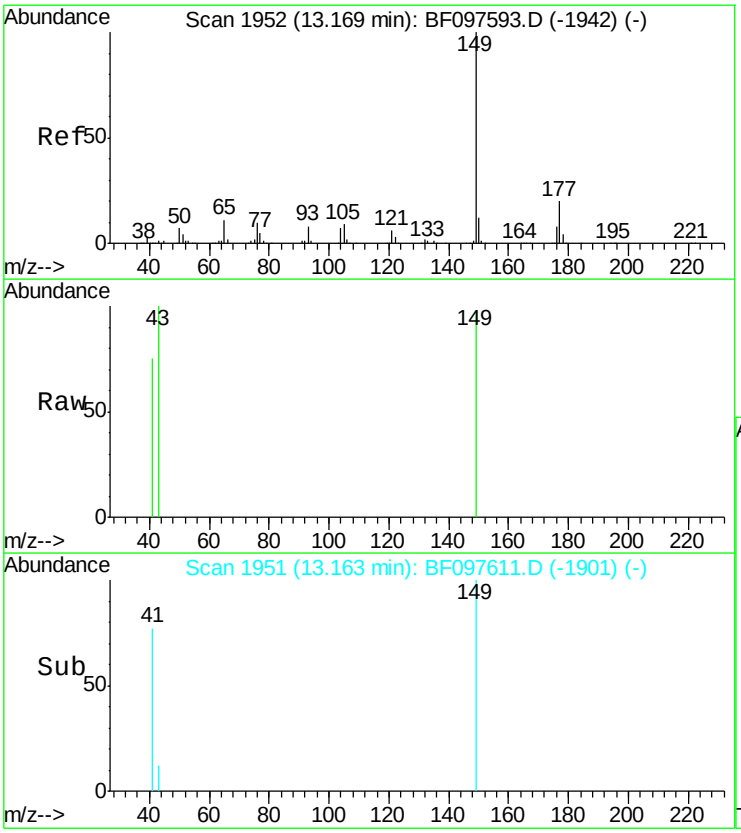
#51
Acenaphthene
Concen: 0.02 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.06 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:154 Resp: 275

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	0.0	43.6	65.4#

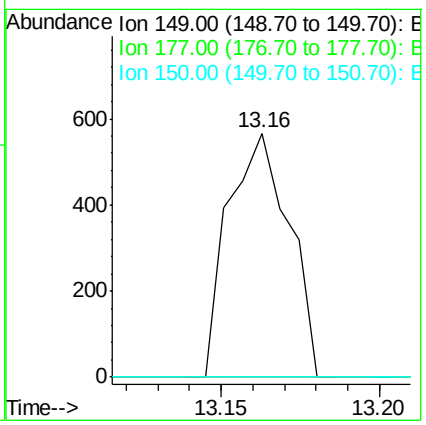


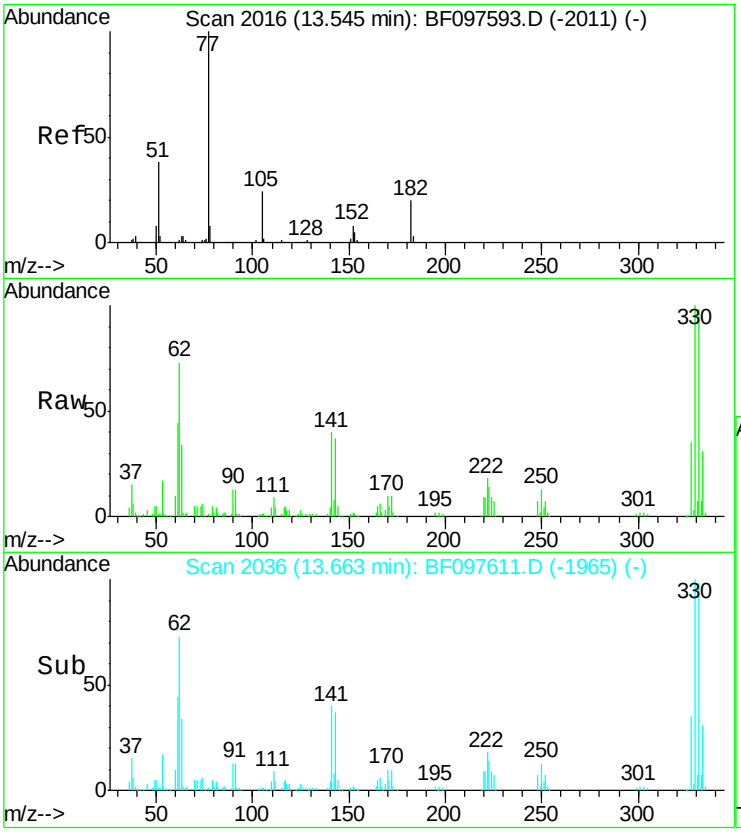


#59
Diethylphthalate
Concen: 0.06 ng
RT: 13.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:149 Resp: 750

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#



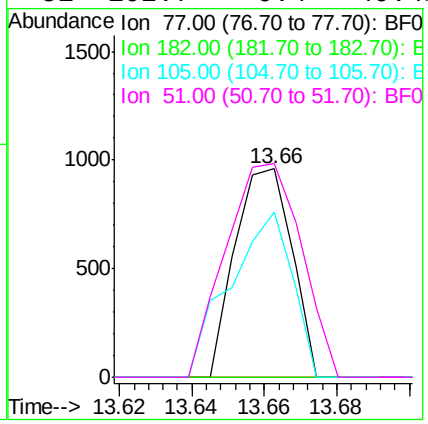


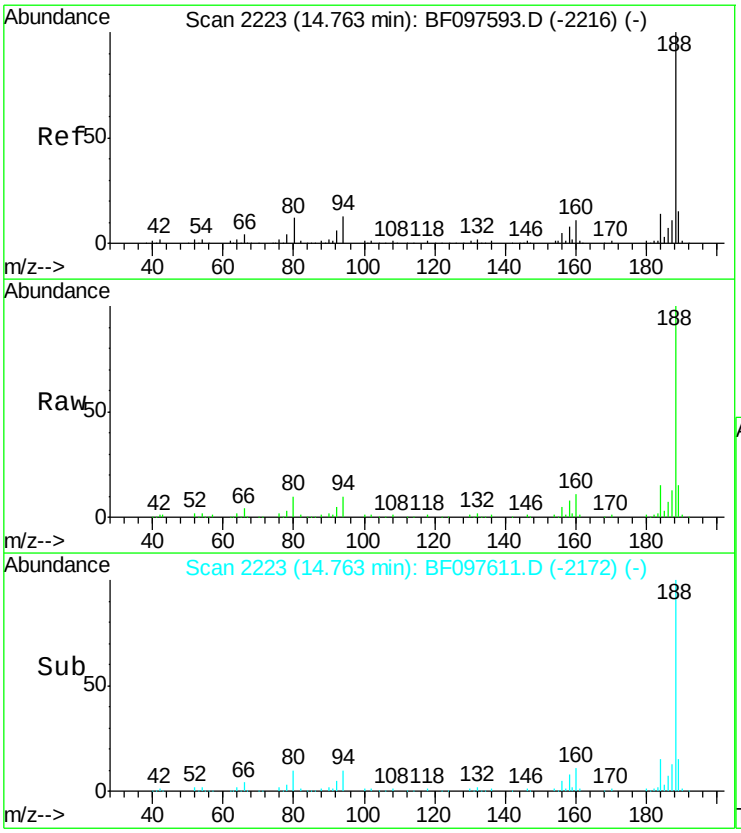
#62
Azobenzene
Concen: 0.08 ng
RT: 13.66 min Scan# 2036
Delta R.T. 0.12 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion: 77 Resp: 1042

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	79.6	3.6	43.6#
51	102.7	9.4	49.4#

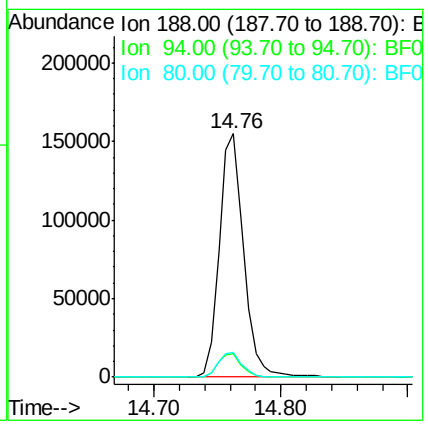


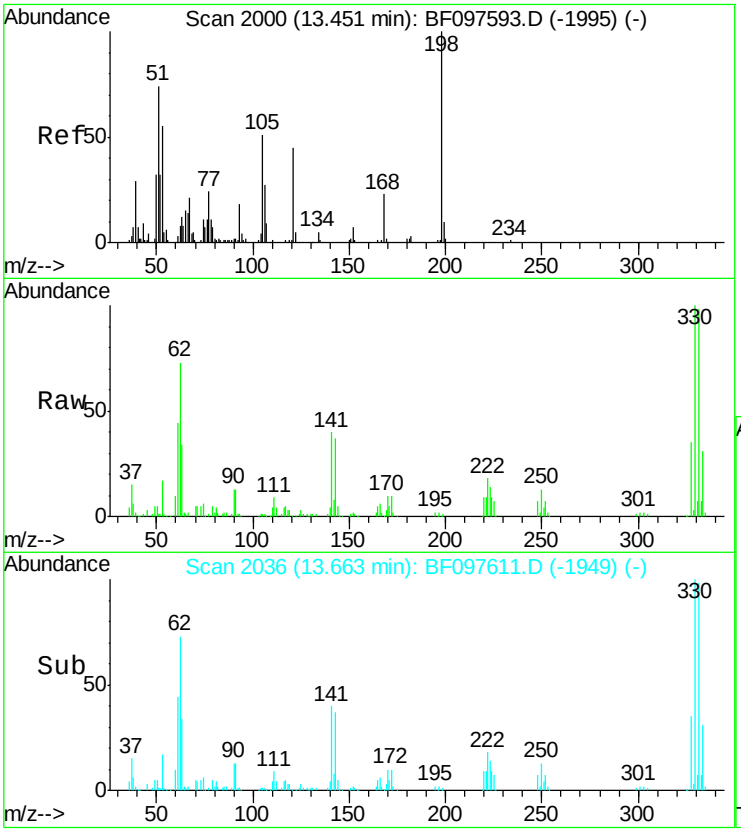


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:188 Resp: 206403

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.1	10.2	15.2#



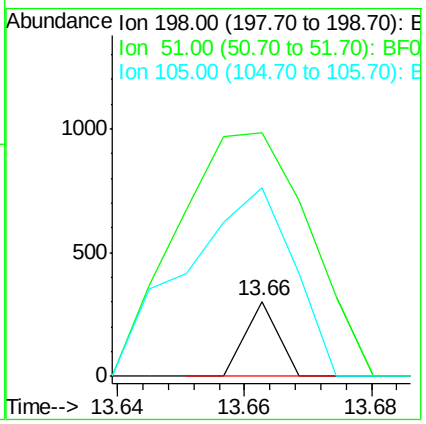


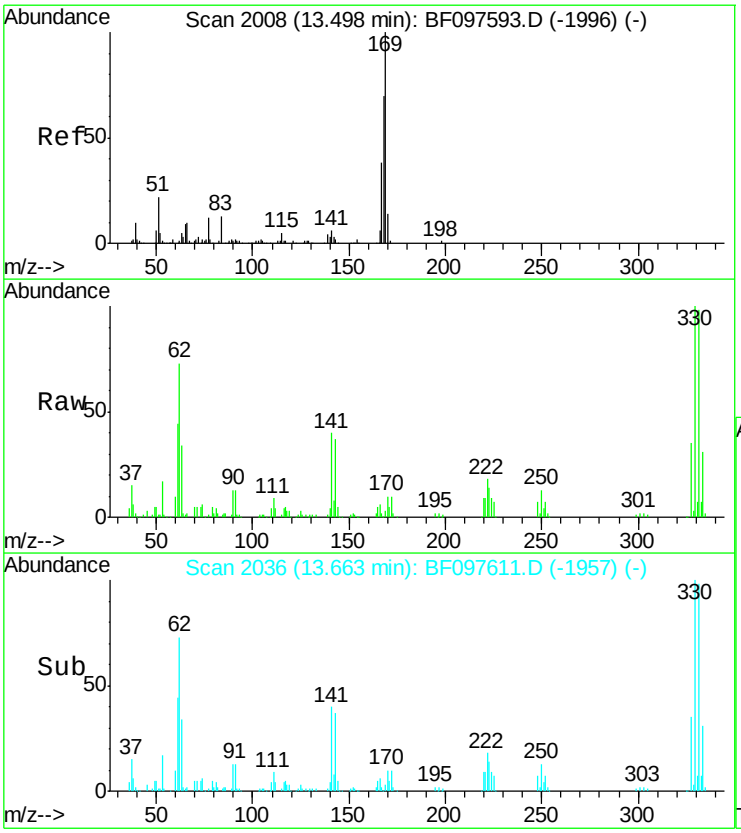
#64
4,6-Dinitro-2-methylphenol
Concen: 0.08 ng
RT: 13.66 min Scan# 2036
Delta R.T. 0.21 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:198 Resp: 107

Ion	Ratio	Lower	Upper
198	100		
51	324.8	53.2	93.2#
105	251.8	45.8	85.8#

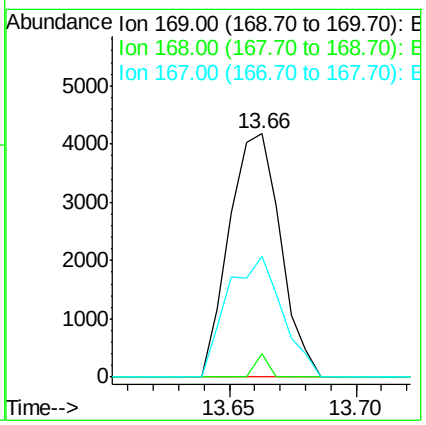


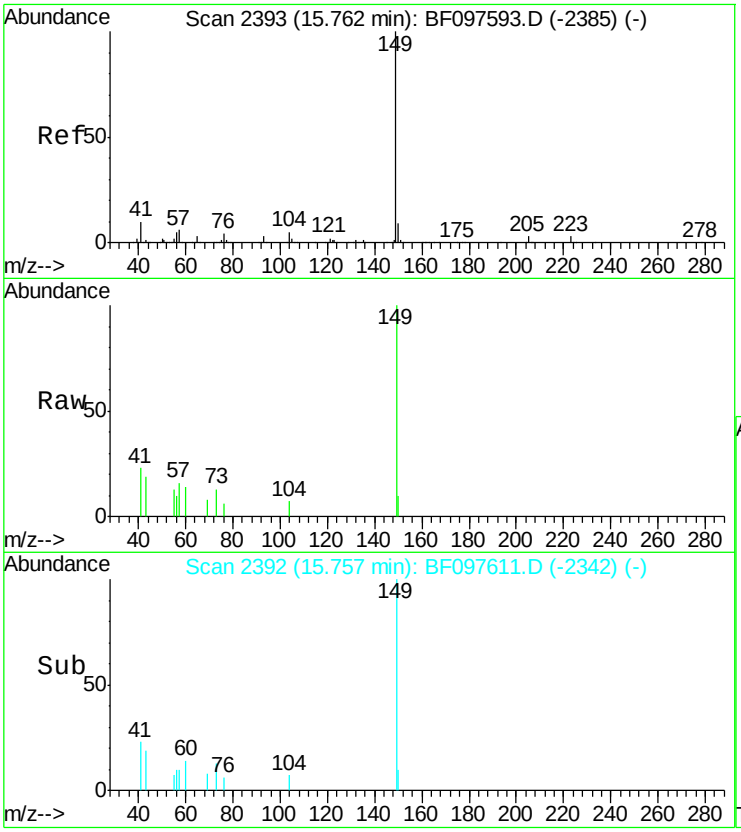


#65
n-Nitrosodiphenylamine
Concen: 0.77 ng
RT: 13.66 min Scan# 2036
Delta R.T. 0.16 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:169 Resp: 5889

Ion	Ratio	Lower	Upper
169	100		
168	9.5	53.2	79.8#
167	58.9	29.5	44.3#



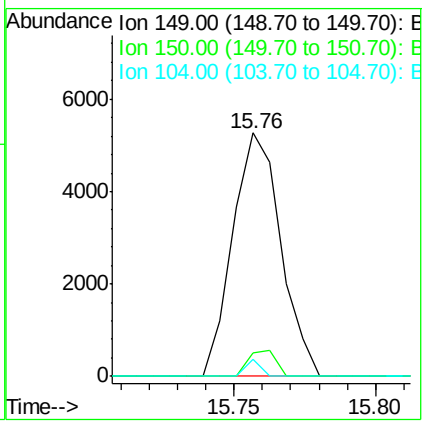


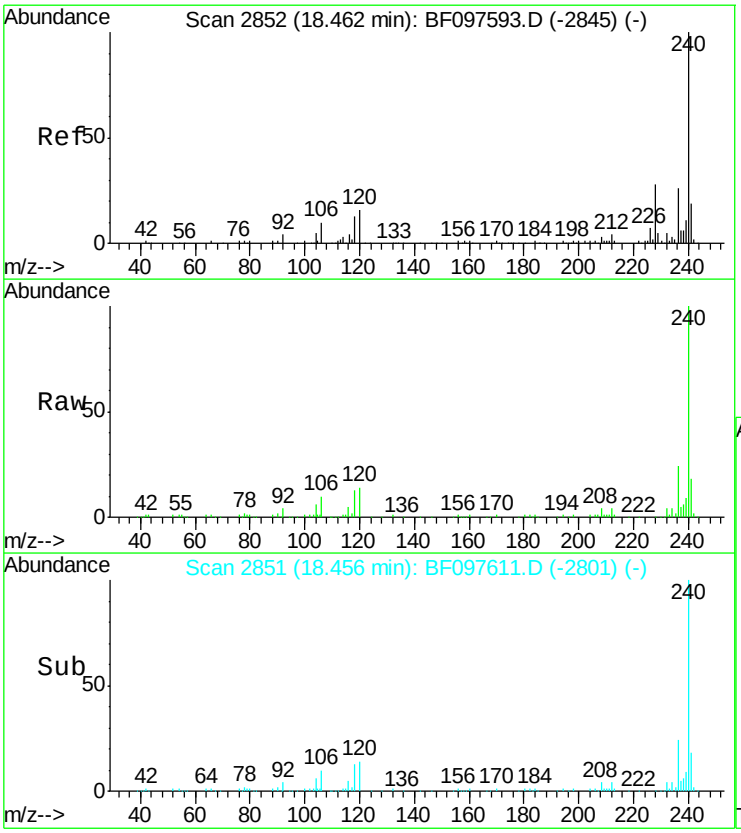
#73
Di-n-butylphthalate
Concen: 0.46 ng
RT: 15.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:149 Resp: 6198

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	7.1	4.0	6.0#

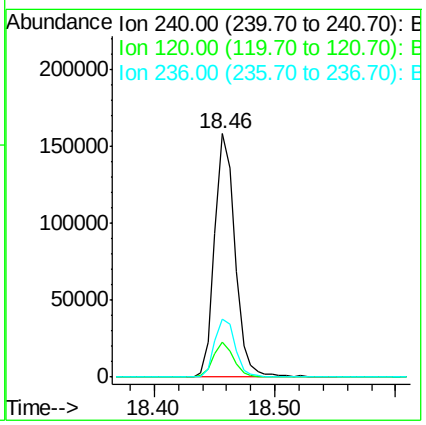


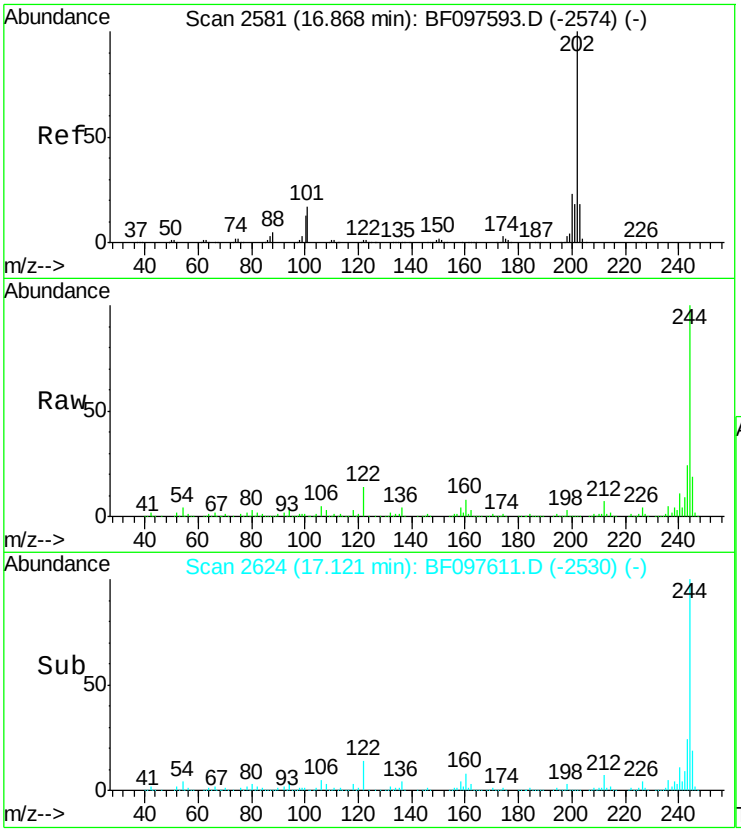


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:240 Resp: 184047

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	23.9	20.5	30.7



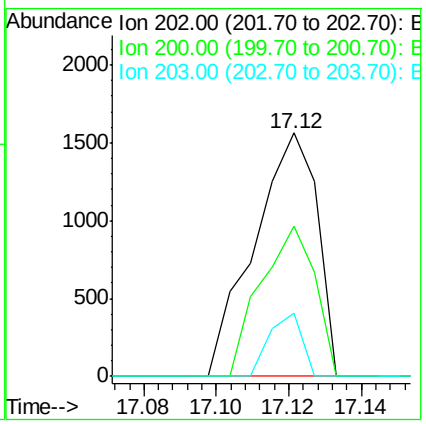


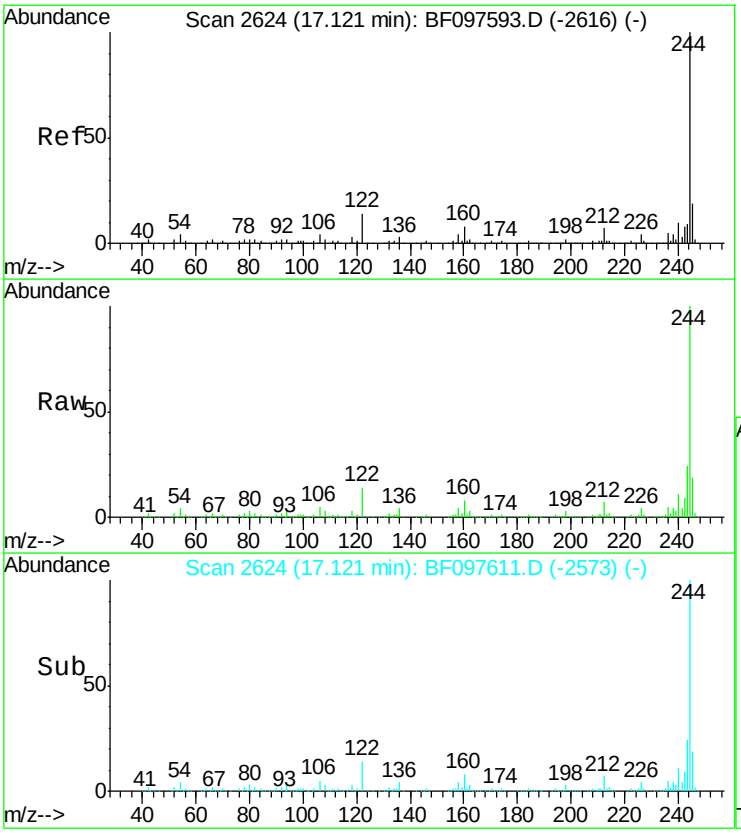
#77
Pyrene
Concen: 0.12 ng
RT: 17.12 min Scan# 2624
Delta R.T. 0.25 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:202 Resp: 1882

Ion	Ratio	Lower	Upper
202	100		
200	61.8	17.6	26.4#
203	25.7	14.4	21.6#

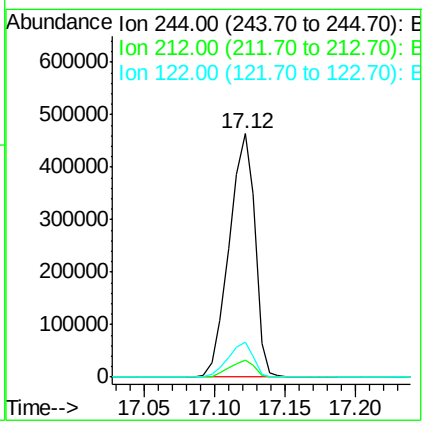


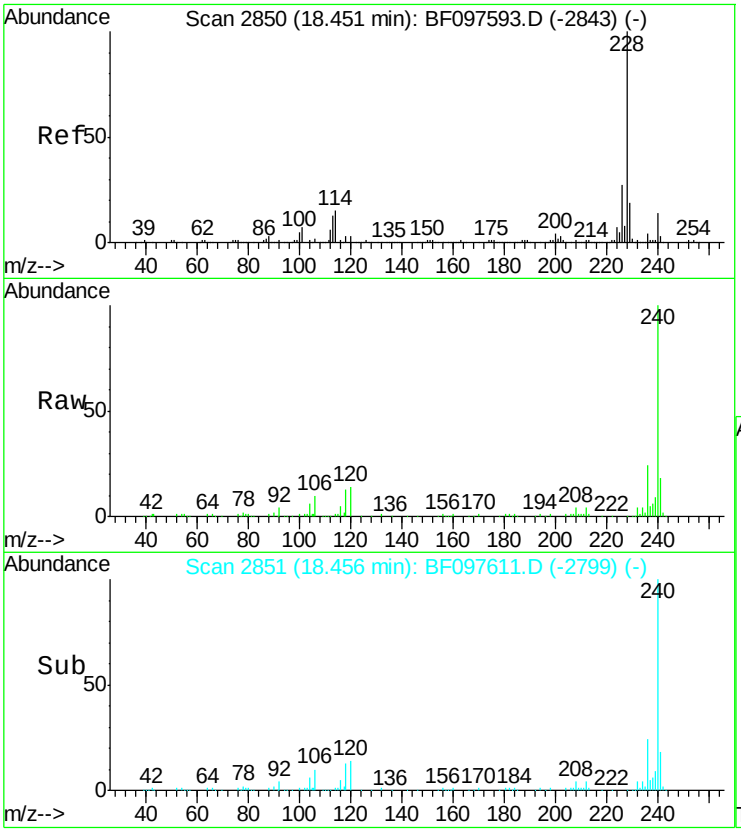


#78
Terphenyl-d14
Concen: 66.04 ng
RT: 17.12 min Scan# 2624
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:244 Resp: 587309

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5



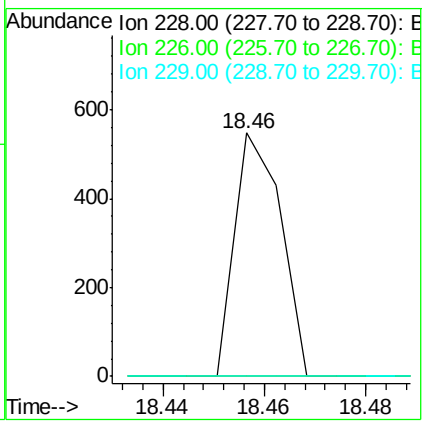


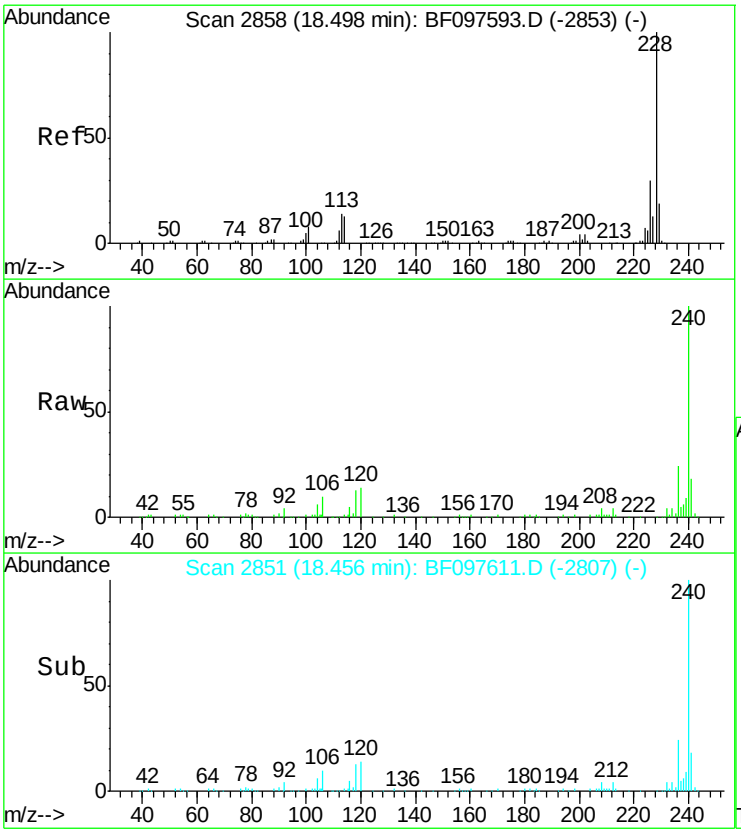
#80
Benzo(a)anthracene
Concen: 0.03 ng
RT: 18.46 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:228 Resp: 345

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#

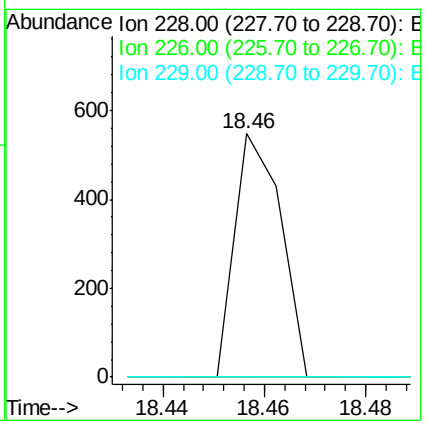


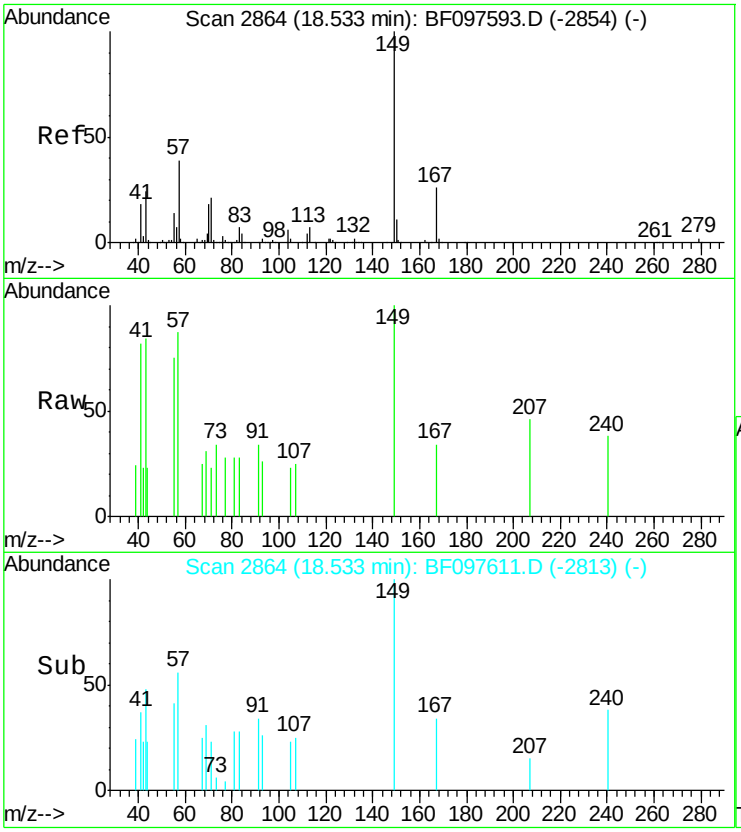


#82
Chrysene
Concen: 0.03 ng
RT: 18.46 min Scan# 2851
Delta R.T. -0.04 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:228 Resp: 345

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#



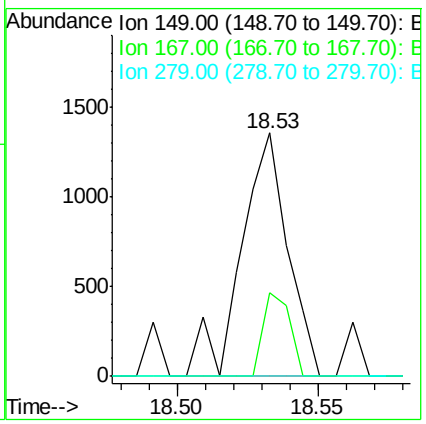


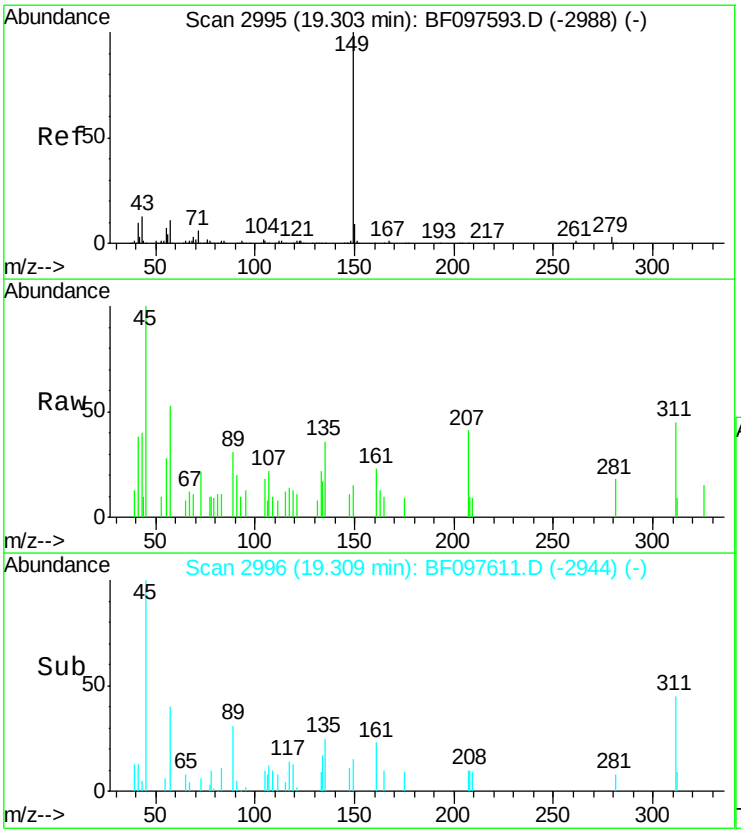
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 18.53 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:149 Resp: 1558

Ion	Ratio	Lower	Upper
149	100		
167	34.4	21.0	31.4#
279	0.0	1.9	2.9#

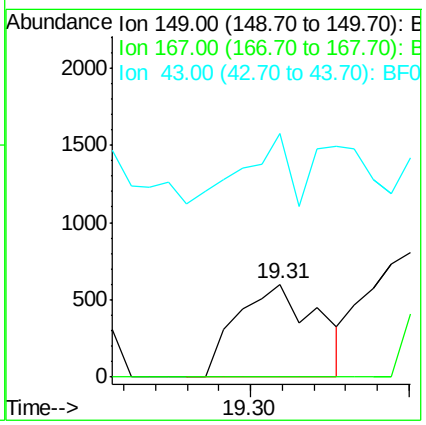


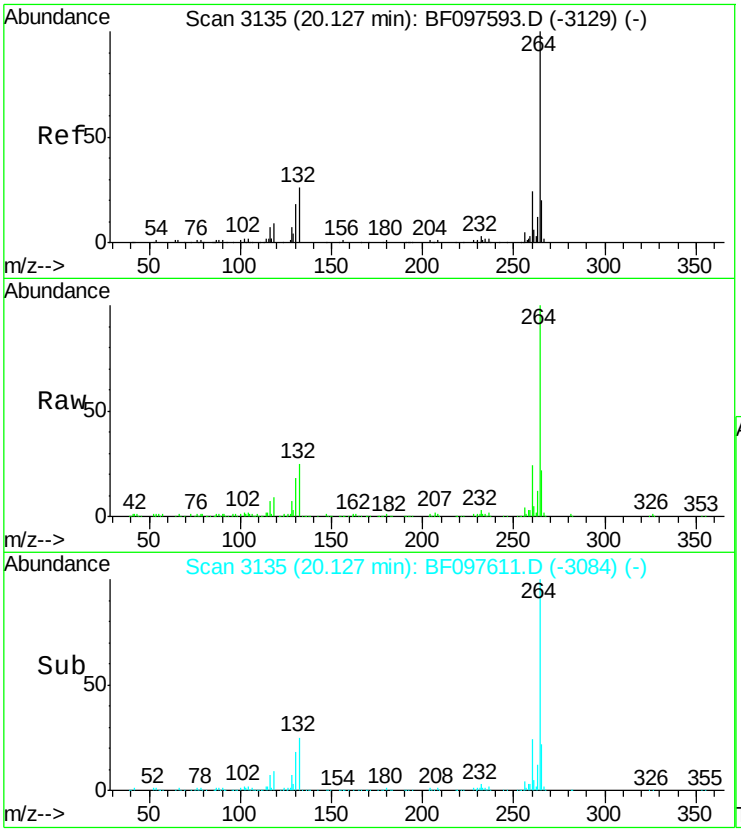


#84
Di-n-octyl phthalate
Concen: 0.07 ng
RT: 19.31 min Scan# 2996
Delta R.T. 0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:149 Resp: 1054

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	62.8	8.5	12.7#



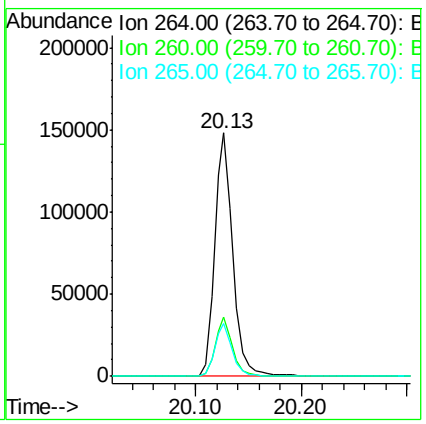


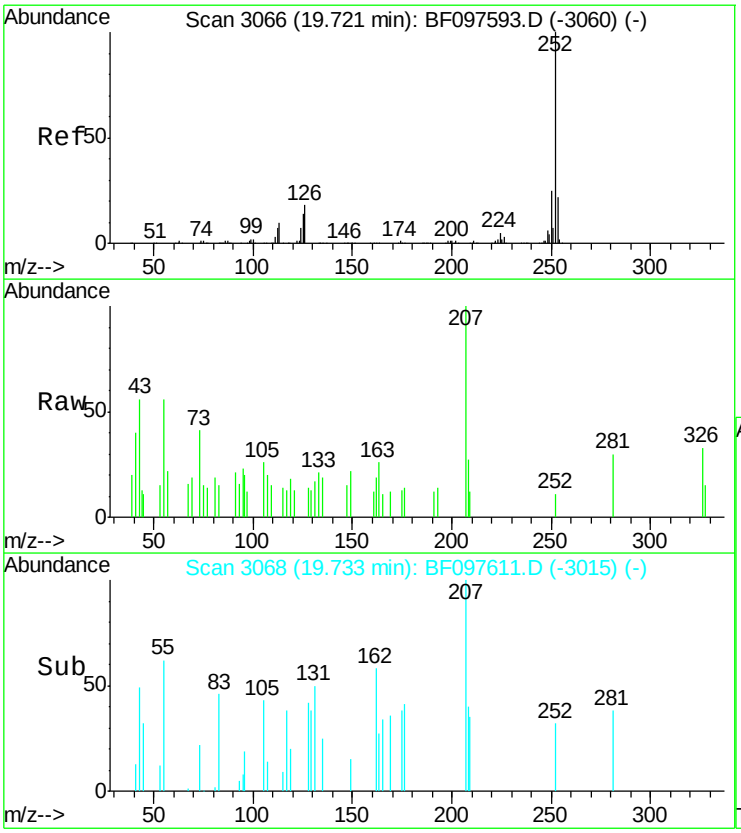
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:264 Resp: 178561

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.2	25.8

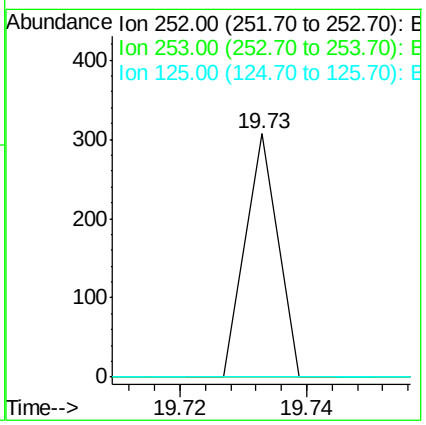


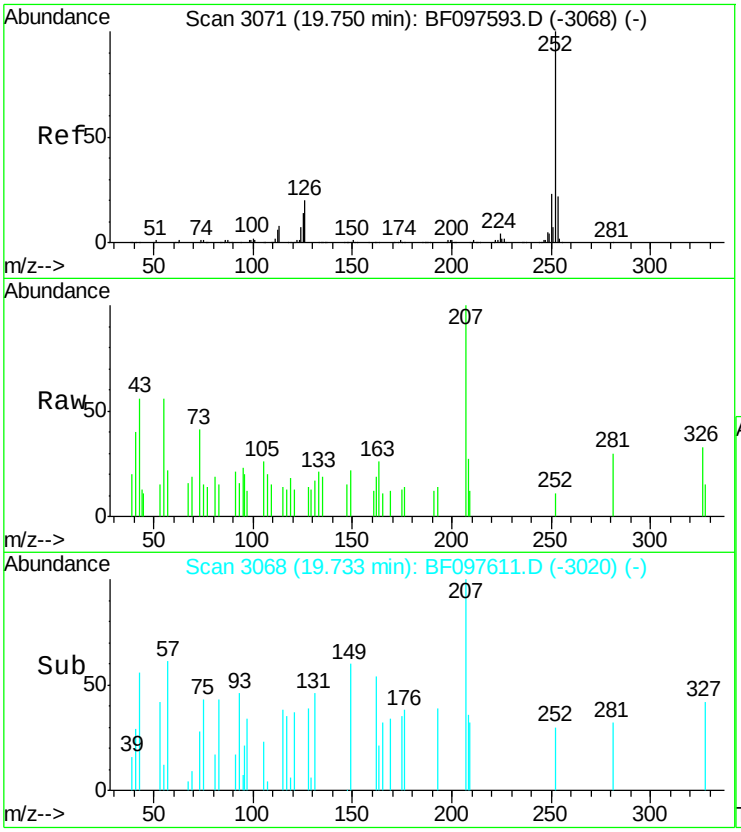


#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 19.73 min Scan# 3068
Delta R.T. 0.01 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	9.8	14.8#



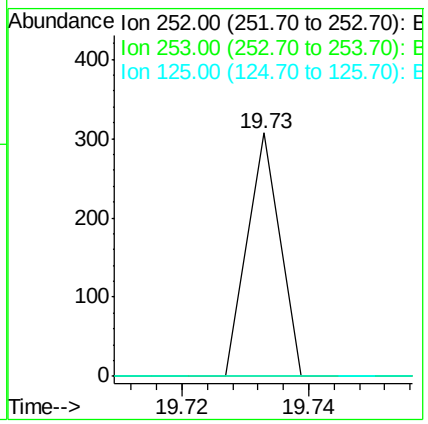


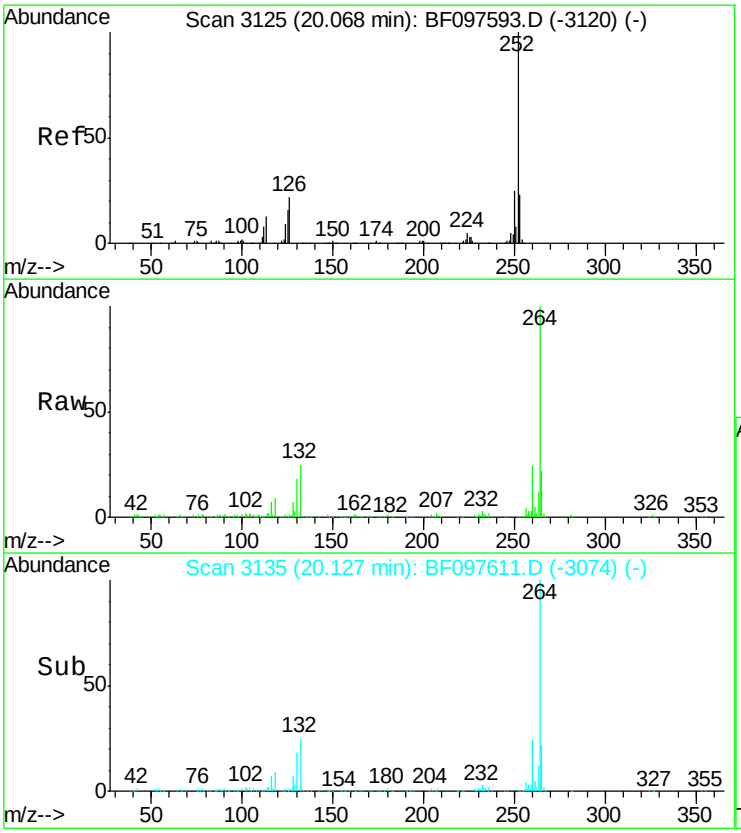
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 19.73 min Scan# 3068
Delta R.T. -0.02 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Instrument :
BNA_F
ClientSampleId :
PMW-2-080217

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 20.13 min Scan# 3135
Delta R.T. 0.06 min
Lab File: BF097611.D
Acq: 12 Aug 2017 00:02

Tgt Ion:252 Resp: 477

Ion	Ratio	Lower	Upper
252	100		
253	76.4	17.5	26.3#
125	93.3	11.0	16.4#