Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095607.D
Acq On : 1 Jun 2017 21:48
Operator : SJ/MA
Sample : I3384-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Jun 17 00:49:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 17 00:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	78356	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	322625	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	153684	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	292772	20.00	ng	0.00
75) Chrysene-d12	18.50	240	242654	20.00	ng	0.00
86) Perylene-d12	20.17	264	163868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	324711	69.09	ng	0.01
7) Phenol-d6	7.10	99	250554	44.43	ng	0.00
23) Nitrobenzene-d5	8.45	82	504670	98.64	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	202426	160.83	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1021502	95.67	ng	0.00
78) Terphenyl-d14	17.15	244	906073	82.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.80	88	122	0.053	ng	# 1
6) Aniline	7.20	93	676	0.095	ng	# 1
10) Phenol	7.12	94	140	0.024	ng	# 1
11) bis(2-Chloroethyl)ether	7.20	93	676	0.138	ng	# 1
15) Benzyl Alcohol	7.77	79	7101	1.958	ng	# 41
19) n-Nitroso-di-n-propylamine	8.45	70	61375	16.093	ng	# 75
24) Nitrobenzene	8.45	77	1019	0.190	ng	# 34
25) Isophorone	8.84	82	215	0.024	ng	# 67
45) 1,1'-Biphenyl	11.54	154	1264	0.098	ng	# 42
49) Dimethylphthalate	12.07	163	5248	0.416	ng	# 90
50) 2,6-Dinitrotoluene	12.39	165	18386	7.143	ng	# 31
51) Acenaphthene	12.40	154	452	0.046	ng	# 4
59) Diethylphthalate	13.20	149	1560	0.129	ng	# 60
62) Azobenzene	13.69	77	829	0.085	ng	# 23
64) 4,6-Dinitro-2-methylphenol	13.69	198	226	0.115	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	6771	0.637	ng	# 45
73) Di-n-butylphthalate	15.79	149	3397	0.174	ng	# 91
77) Pyrene	17.15	202	2783	0.153	ng	# 54
80) Benzo(a)anthracene	18.49	228	589	0.042	ng	# 50
82) Chrysene	18.53	228	886	0.065	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.55	149	1585	0.132	ng	# 80
87) Benzo(b)fluoranthene	19.84	252	111	0.011	ng	# 59
88) Benzo(k)fluoranthene	19.84	252	111	0.011	ng	# 56
89) Benzo(a)pyrene	20.17	252	144	0.015	ng	# 59

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

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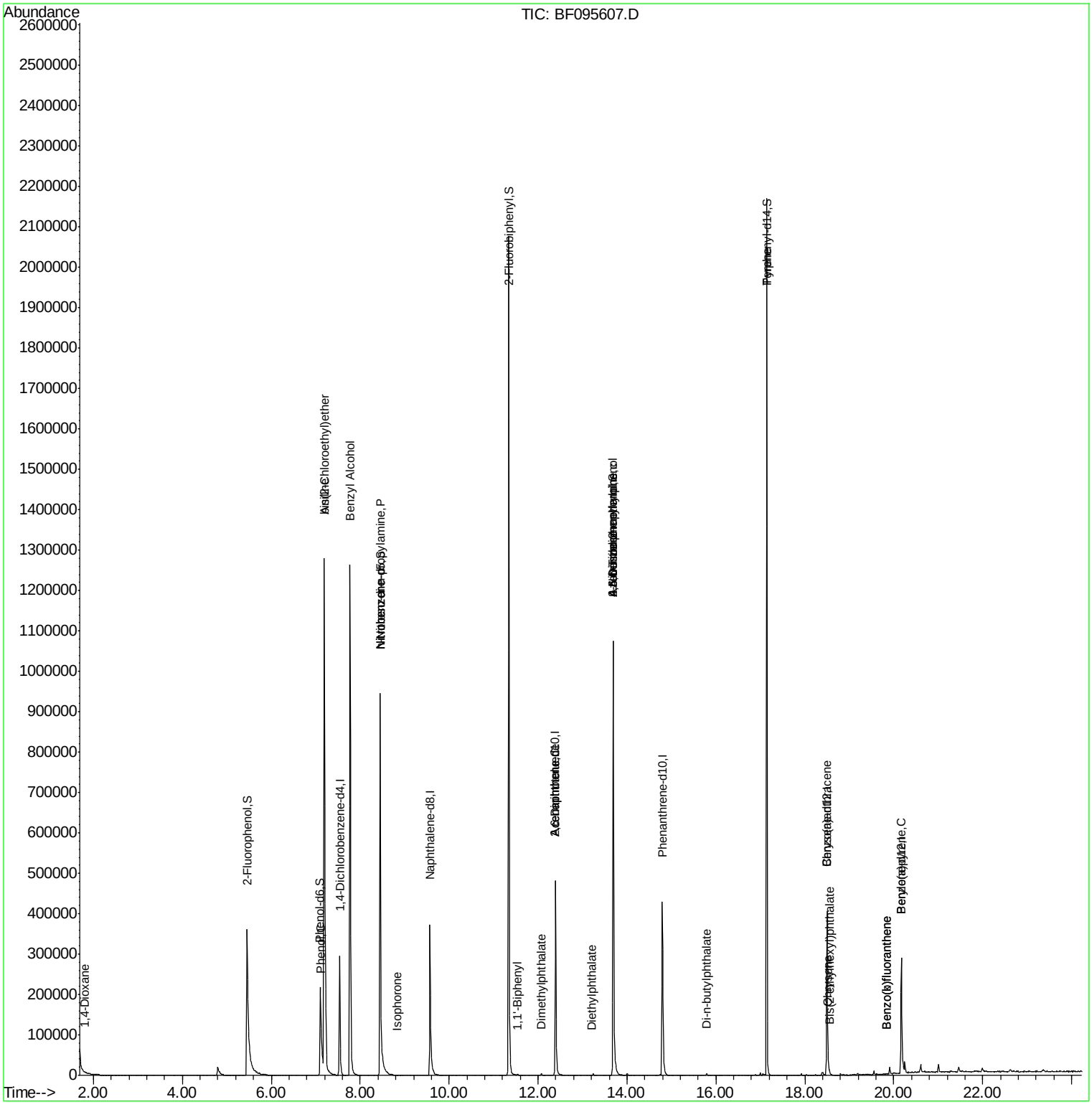
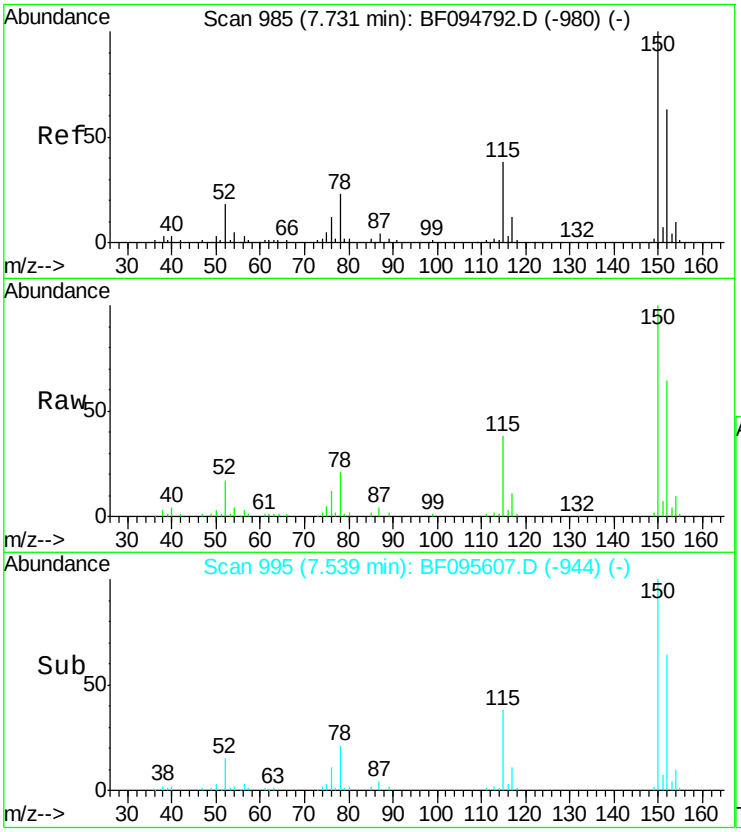


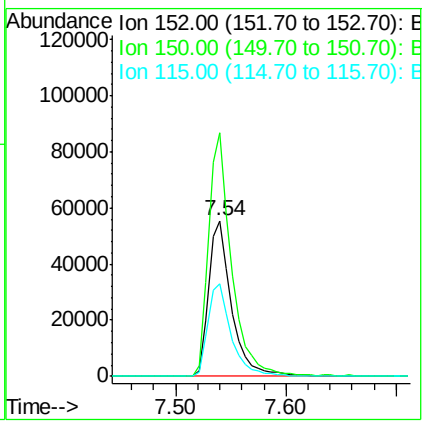


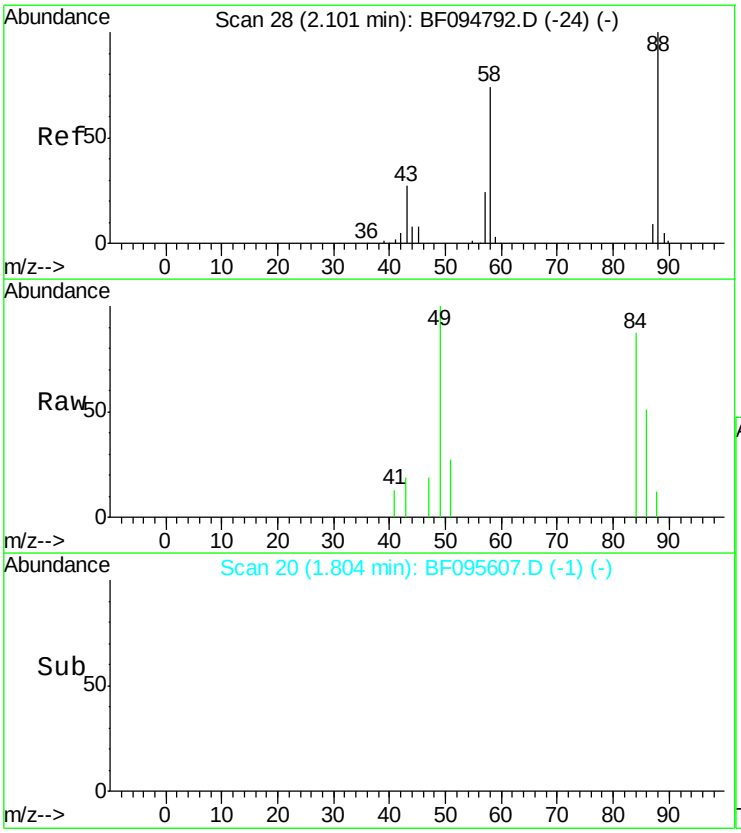
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 78356

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	59.4	52.2	78.2

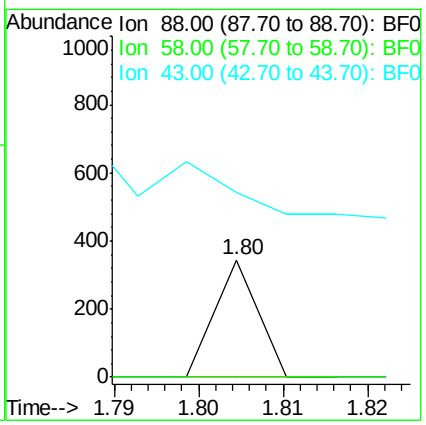


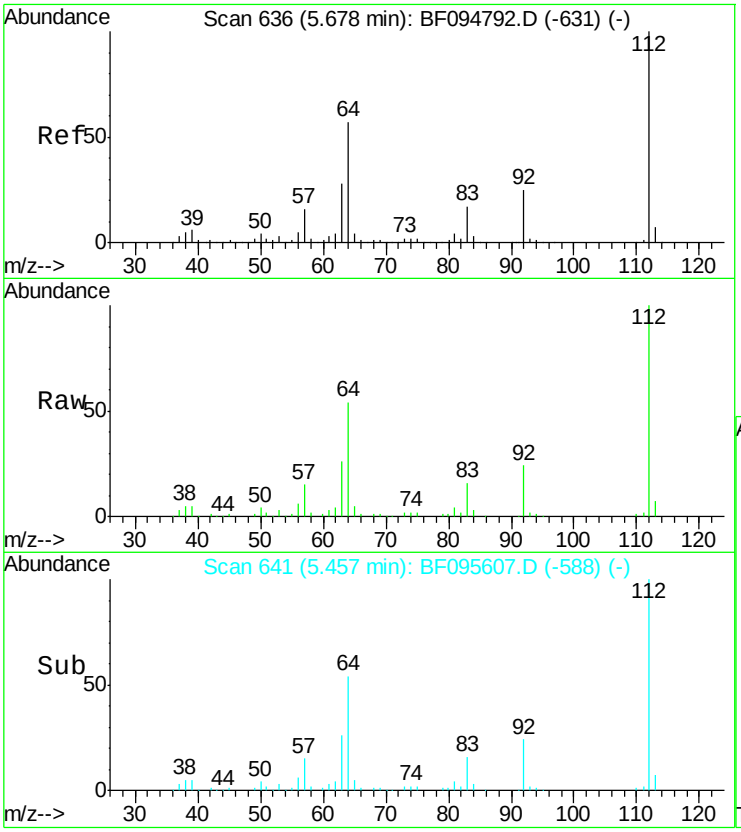


#2
1,4-Dioxane
Concen: 0.053 ng
RT: 1.80 min Scan# 20
Delta R.T. -0.05 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 88 Resp: 122

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	385.2	23.4	35.0#



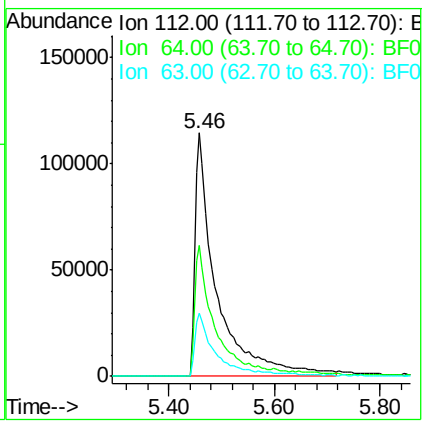


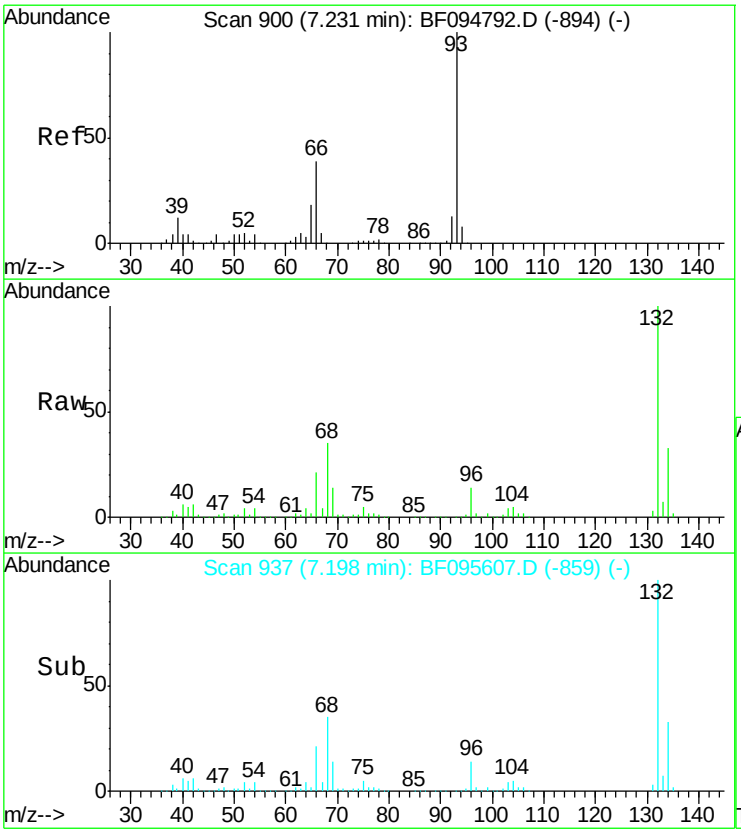
#5
2-Fluorophenol
Concen: 69.090 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:112 Resp: 324711

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.7	23.4	35.0

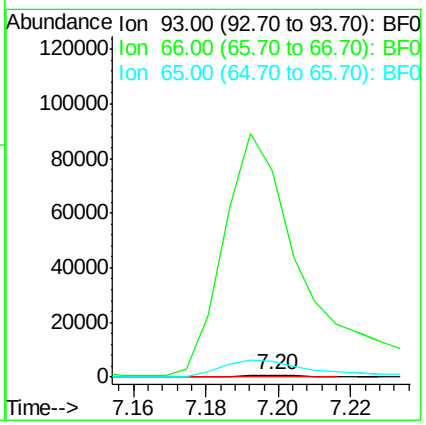


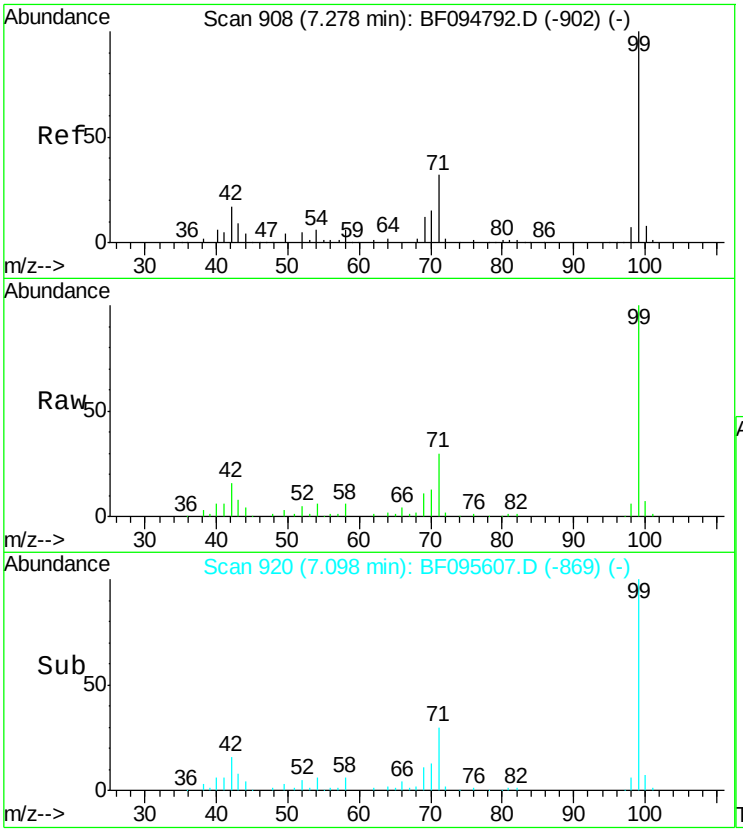


#6
Aniline
Concen: 0.095 ng
RT: 7.20 min Scan# 937
Delta R.T. 0.16 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 93 Resp: 676

Ion	Ratio	Lower	Upper
93	100		
66	11864.2	32.9	49.3#
65	886.5	16.0	24.0#



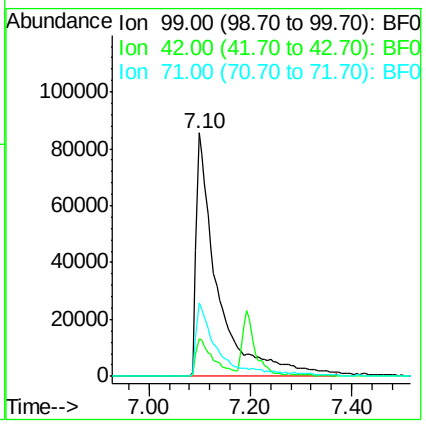


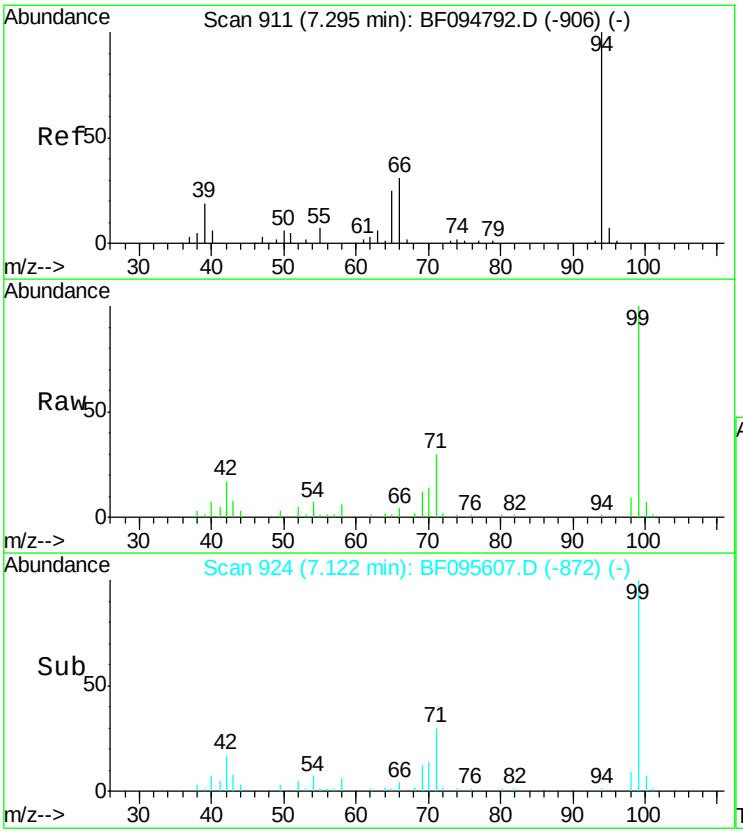
#7
Phenol-d6
Concen: 44.432 ng
RT: 7.10 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 250554

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	29.9	24.5	36.7

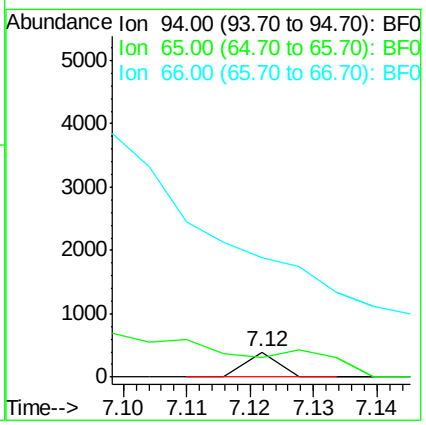


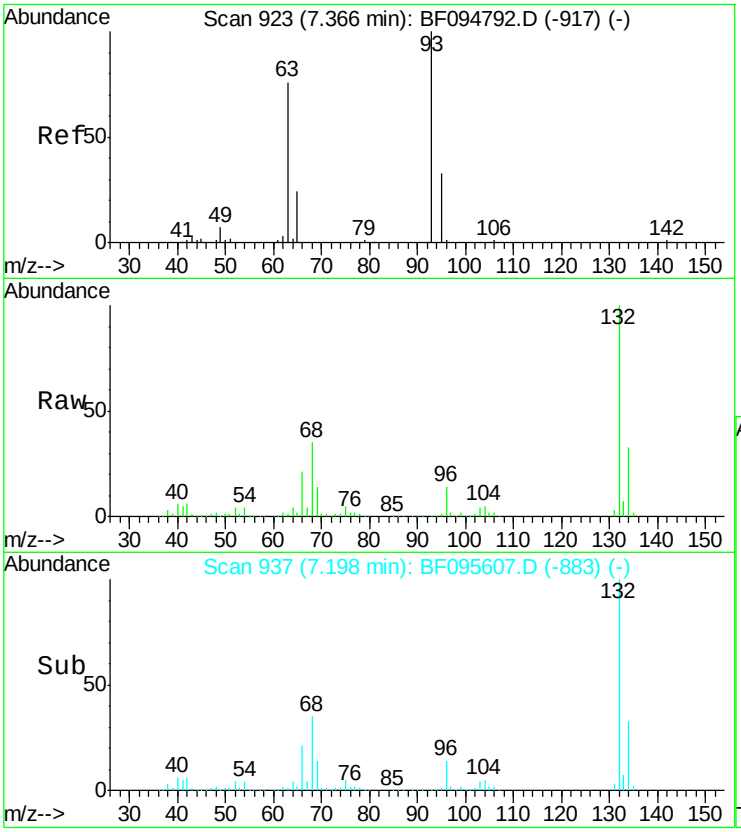


#10
Phenol
Concen: 0.024 ng
RT: 7.12 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 94 Resp: 140

Ion	Ratio	Lower	Upper
94	100		
65	79.6	9.9	49.9#
66	476.1	23.1	63.1#



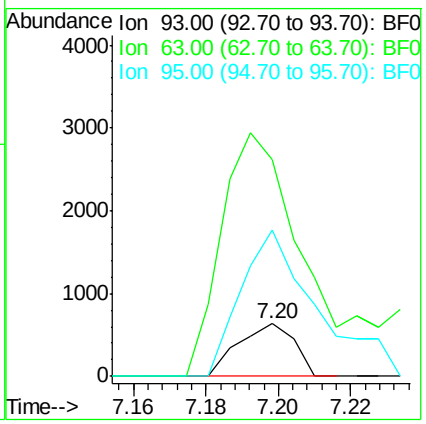


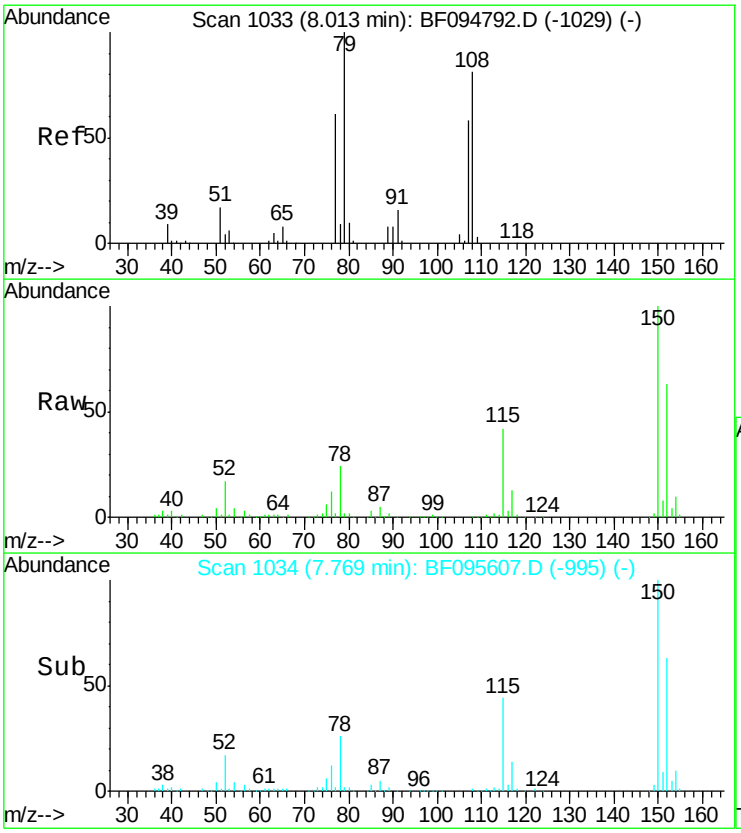
#11
bis(2-Chloroethyl)ether
Concen: 0.138 ng
RT: 7.20 min Scan# 937
Delta R.T. 0.02 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 93 Resp: 676

Ion	Ratio	Lower	Upper
93	100		
63	411.9	59.2	99.2#
95	278.8	12.8	52.8#

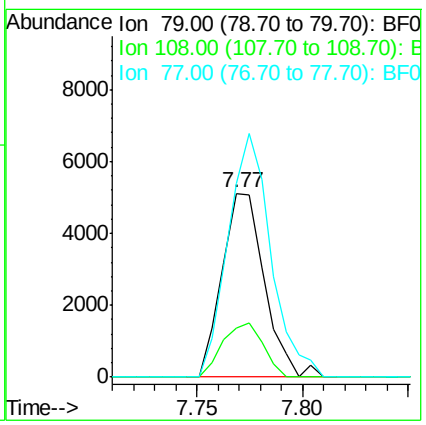


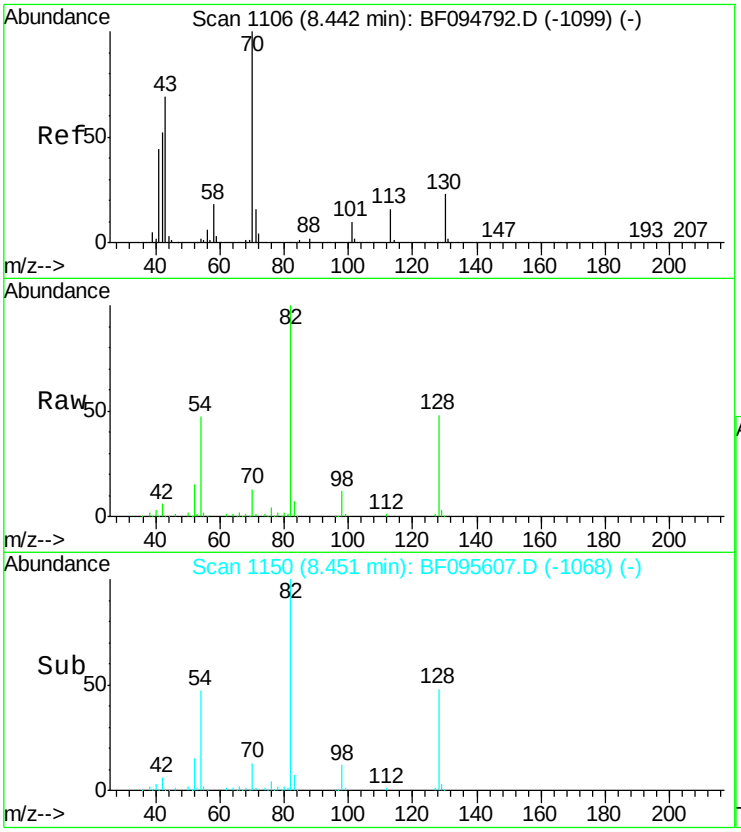


#15
Benzyl Alcohol
Concen: 1.958 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 79 Resp: 7101

Ion	Ratio	Lower	Upper
79	100		
108	26.9	63.4	95.0#
77	105.6	49.2	73.8#



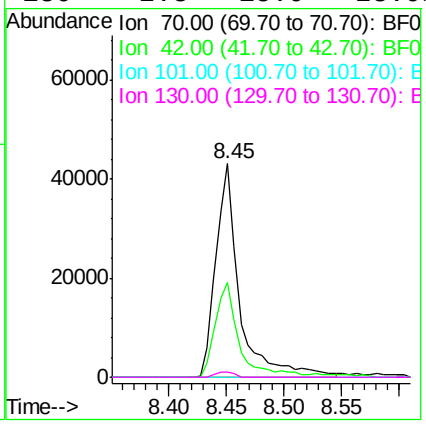


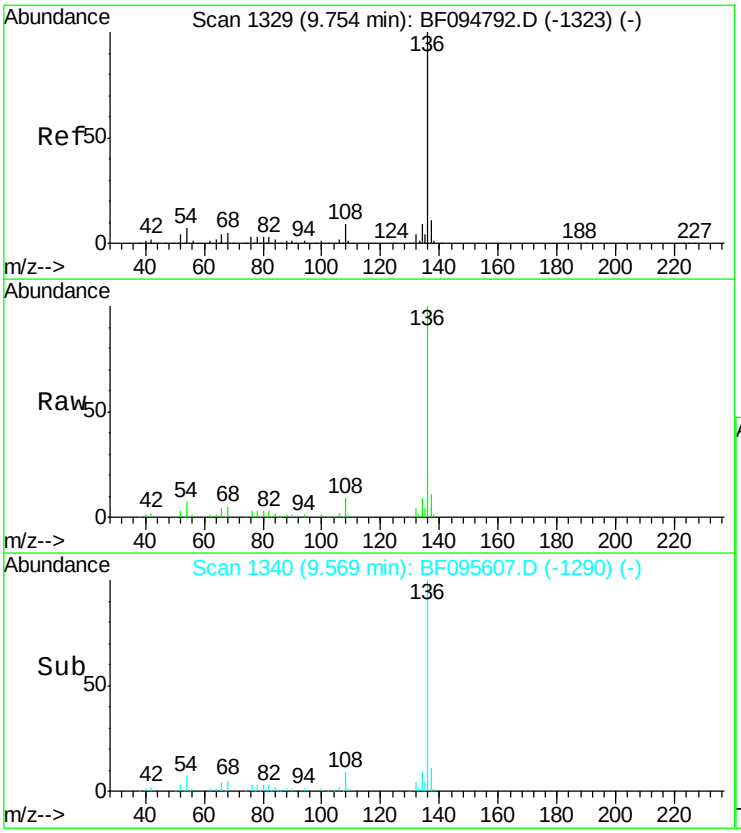
#19
n-Nitroso-di-n-propylamine
Concen: 16.093 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 70 Resp: 61375

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

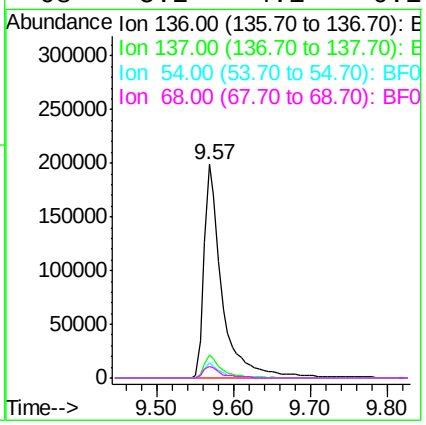


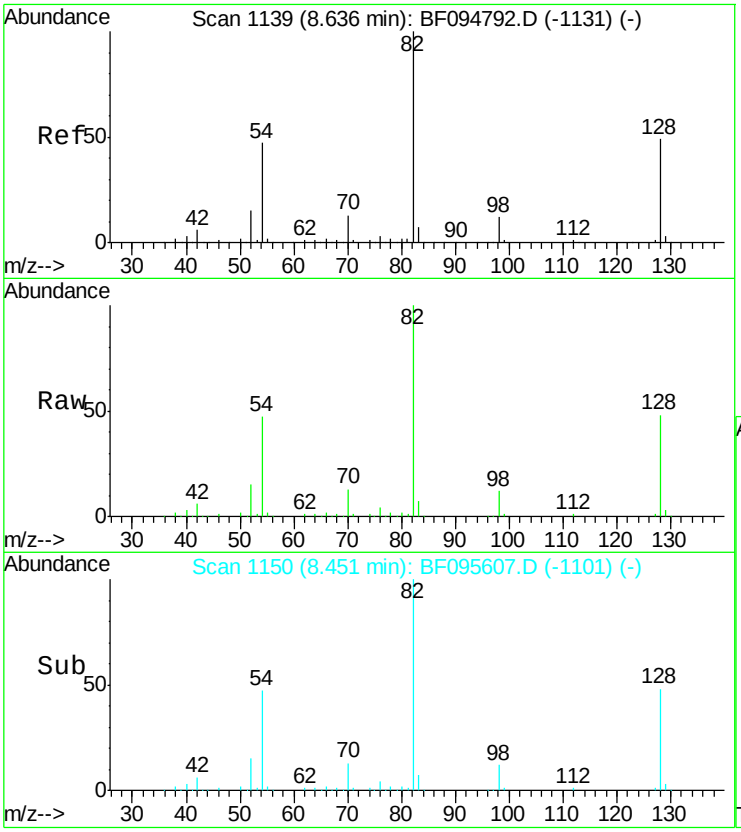


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:136 Resp: 322625

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.2	4.1	6.1



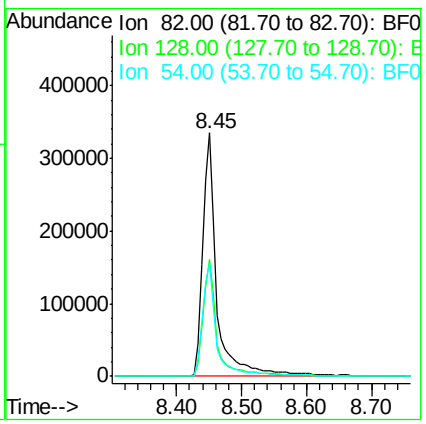


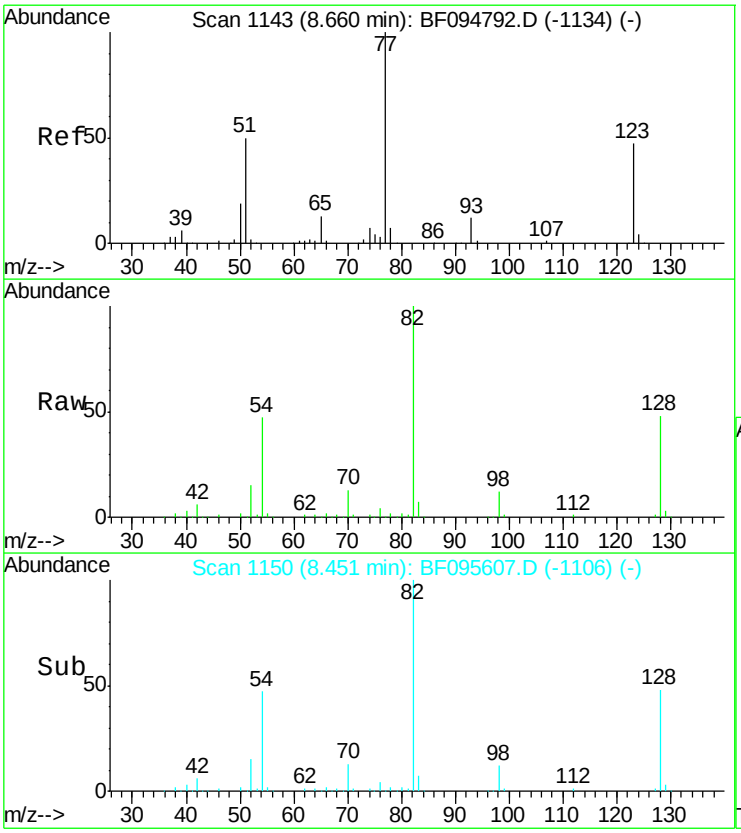
#23
Nitrobenzene-d5
Concen: 98.640 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 504670

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	46.5	42.2	63.2

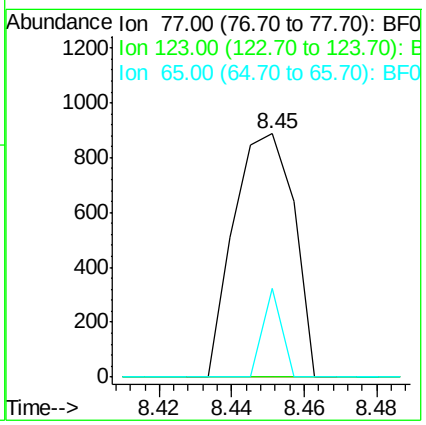


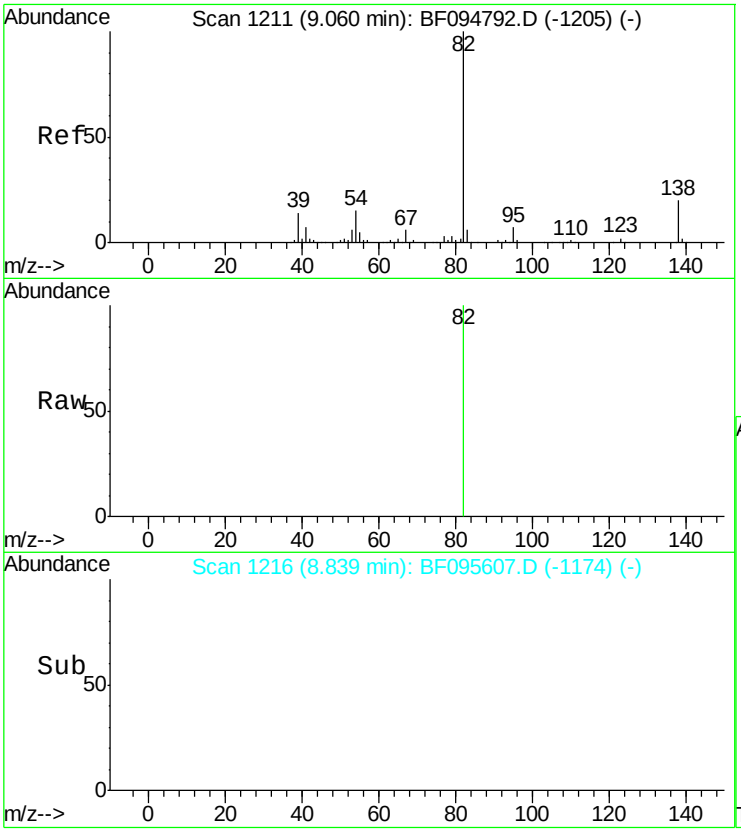


#24
Nitrobenzene
Concen: 0.190 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.04 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 77 Resp: 1019

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	36.4	10.6	15.8#



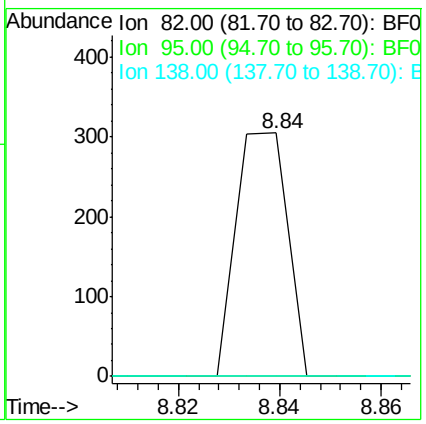


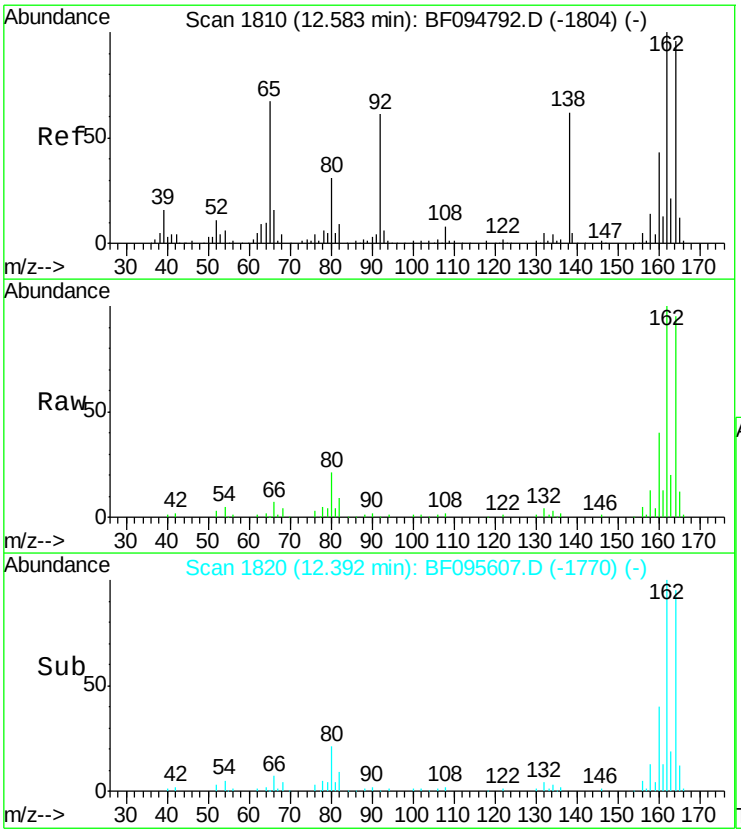
#25
Isophorone
Concen: 0.024 ng
RT: 8.84 min Scan# 1216
Delta R.T. -0.05 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 215

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

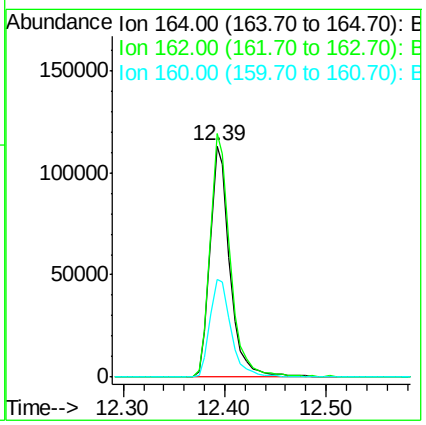


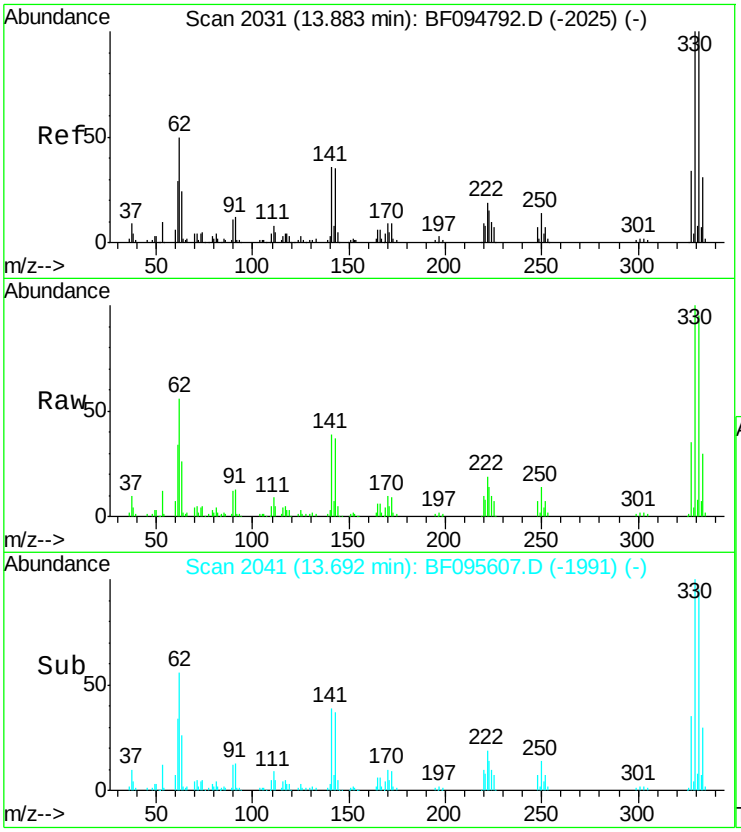


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:164 Resp: 153684

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	42.2	36.2	54.2



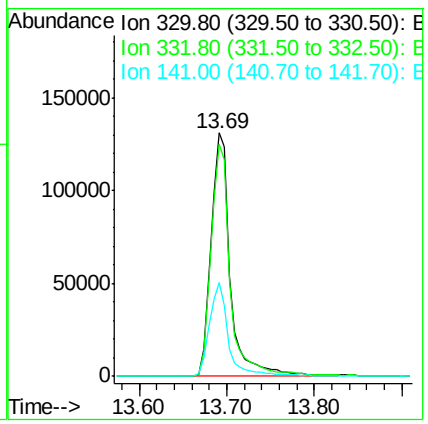


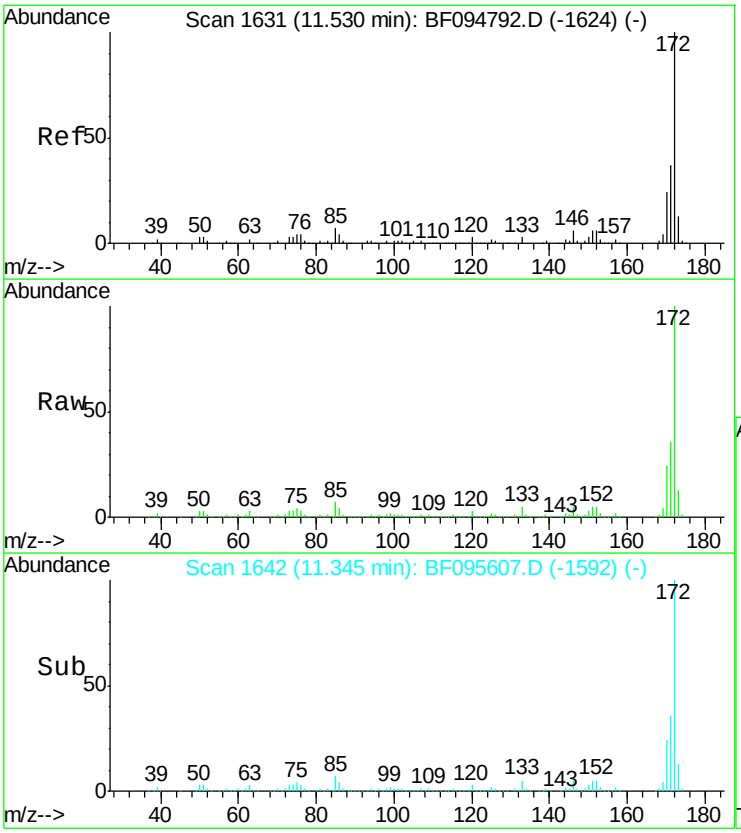
#41
2,4,6-Tribromophenol
Concen: 160.831 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 202426

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	37.7	31.4	47.2

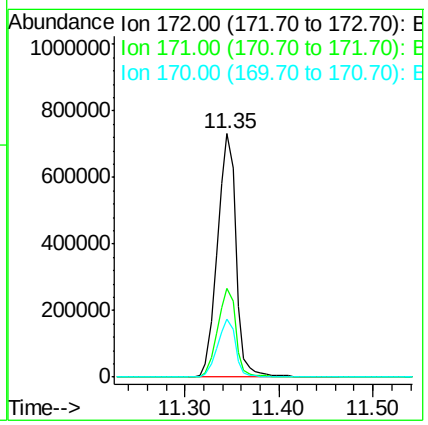


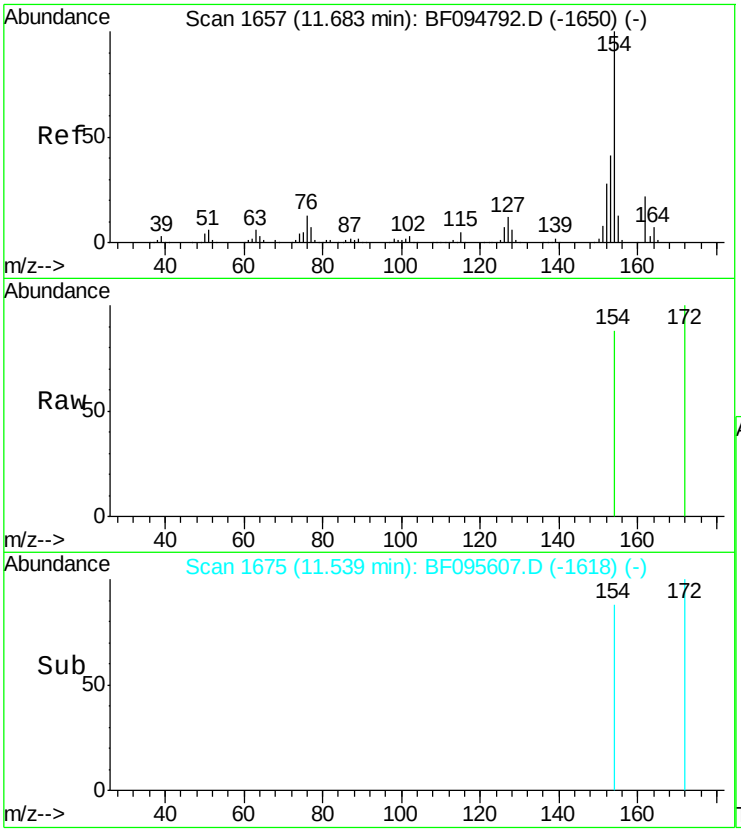


#44
2-Fluorobiphenyl
Concen: 95.670 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:172 Resp: 1021502

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8



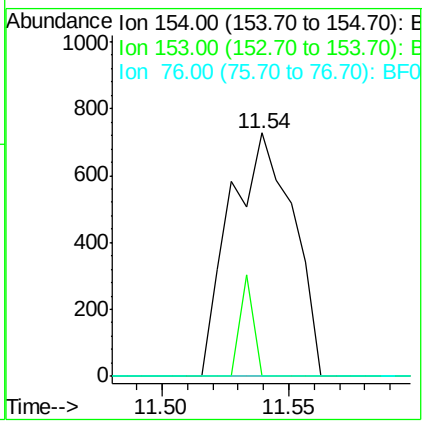


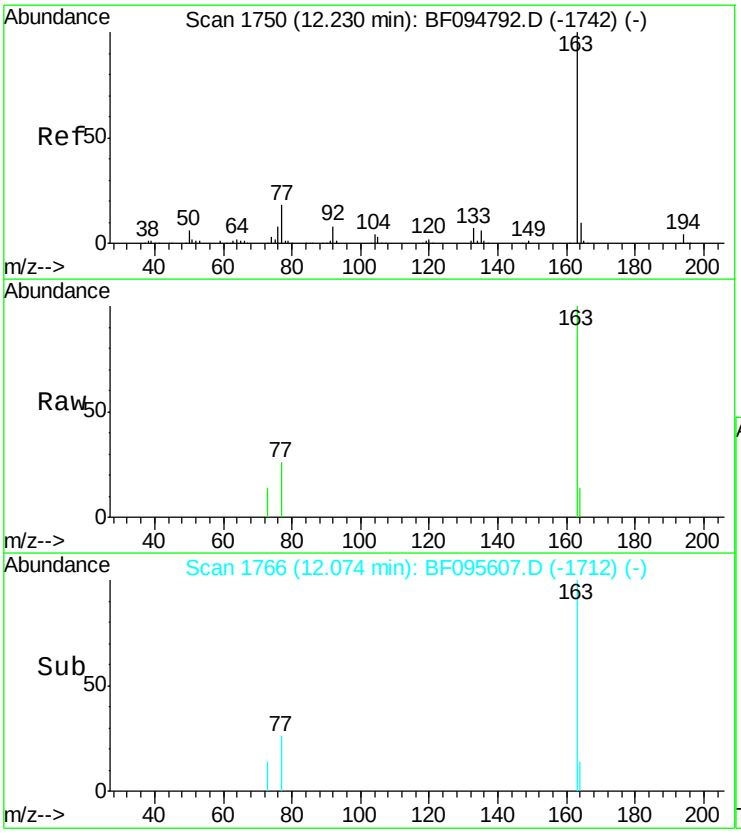
#45
1,1'-Biphenyl
Concen: 0.098 ng
RT: 11.54 min Scan# 1675
Delta R.T. 0.04 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:154 Resp: 1264

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

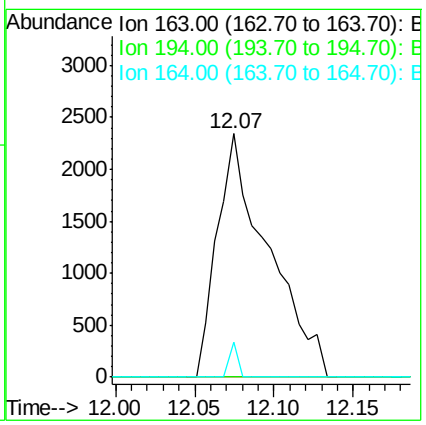


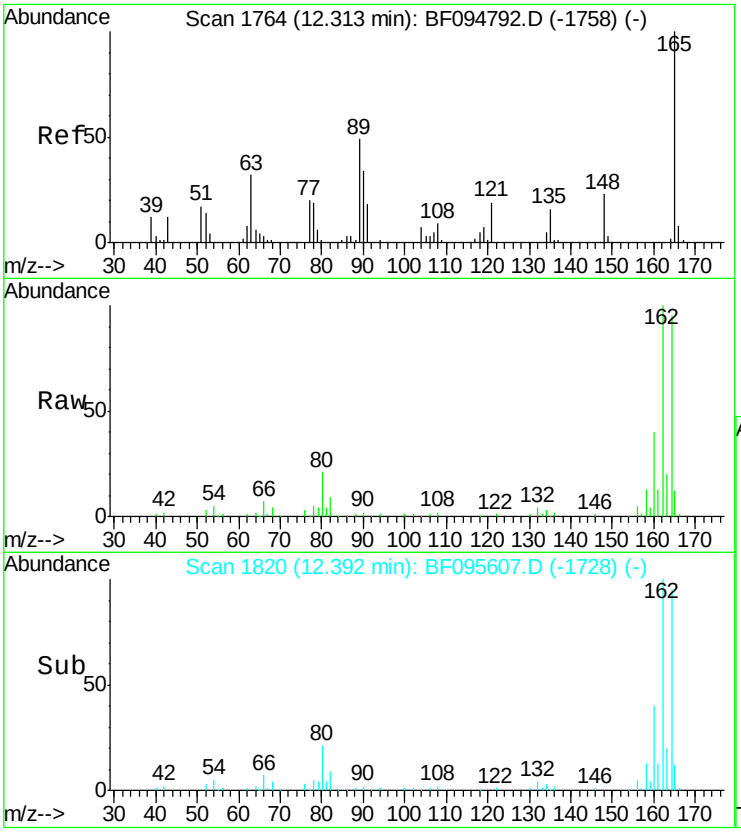


#49
Dimethylphthalate
Concen: 0.416 ng
RT: 12.07 min Scan# 1766
Delta R.T. 0.02 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:163 Resp: 5248

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	14.2	8.4	12.6#



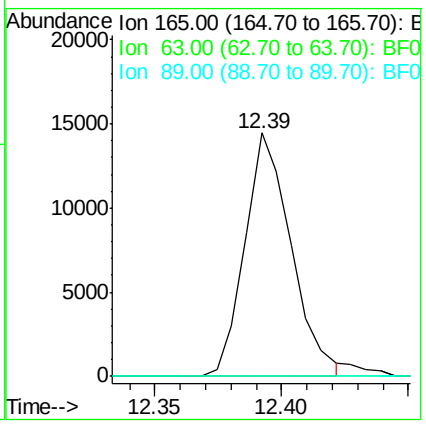


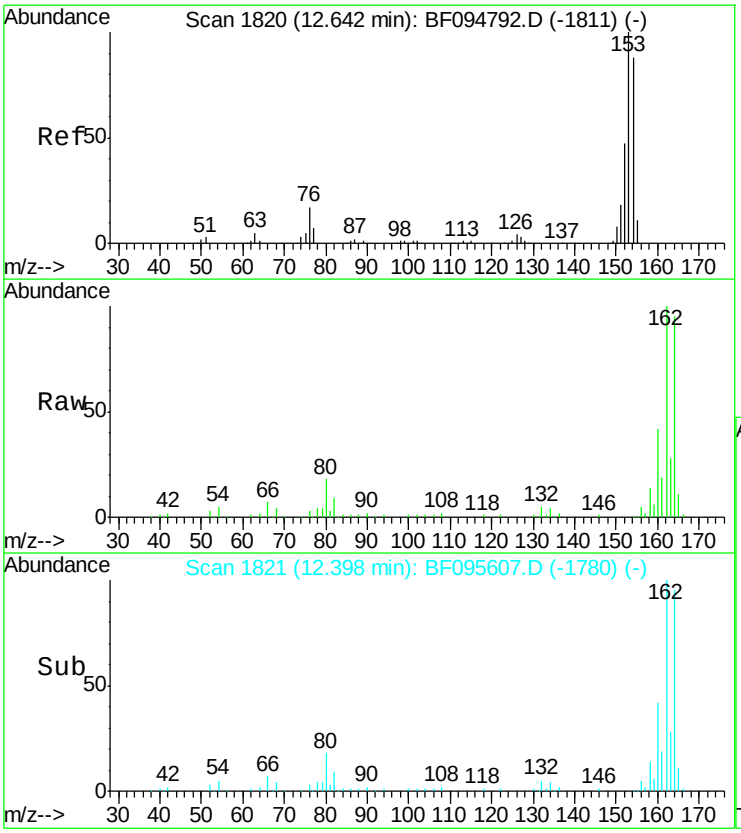
#50
2,6-Dinitrotoluene
Concen: 7.143 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:165 Resp: 18386

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

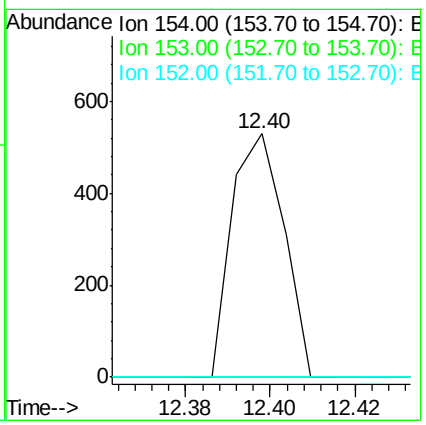


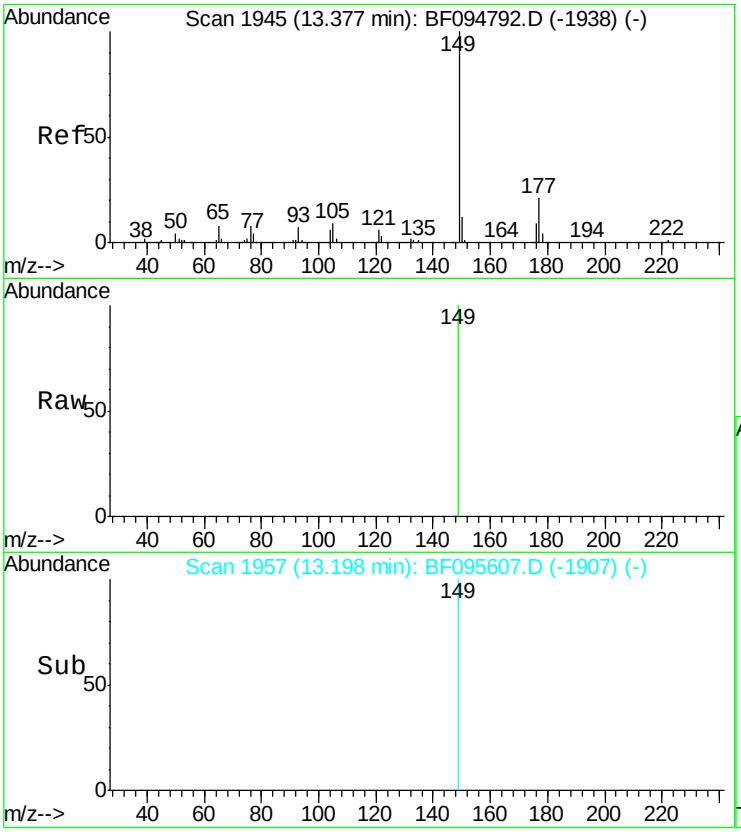


#51
Acenaphthene
Concen: 0.046 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.06 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:154 Resp: 452

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



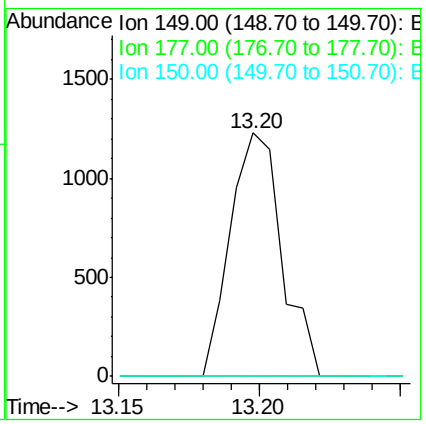


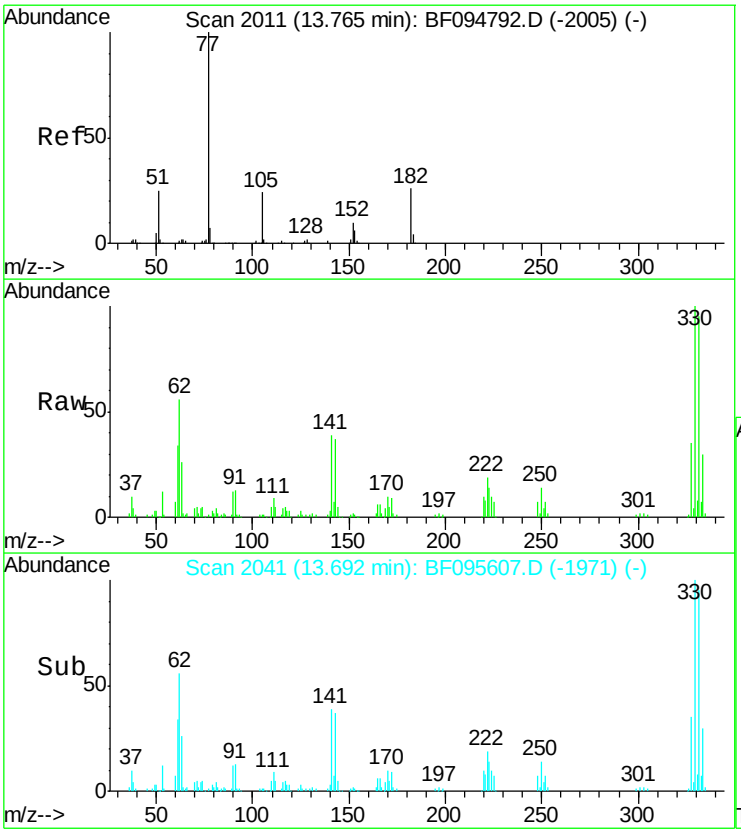
#59
Diethylphthalate
Concen: 0.129 ng
RT: 13.20 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:149 Resp: 1560

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

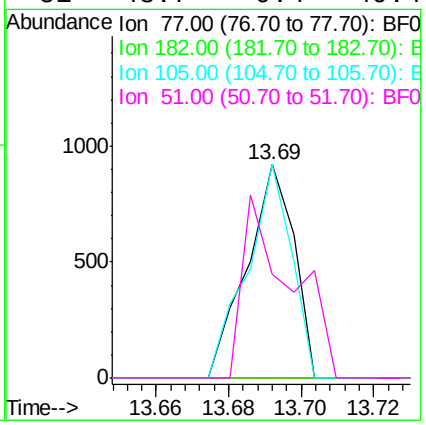


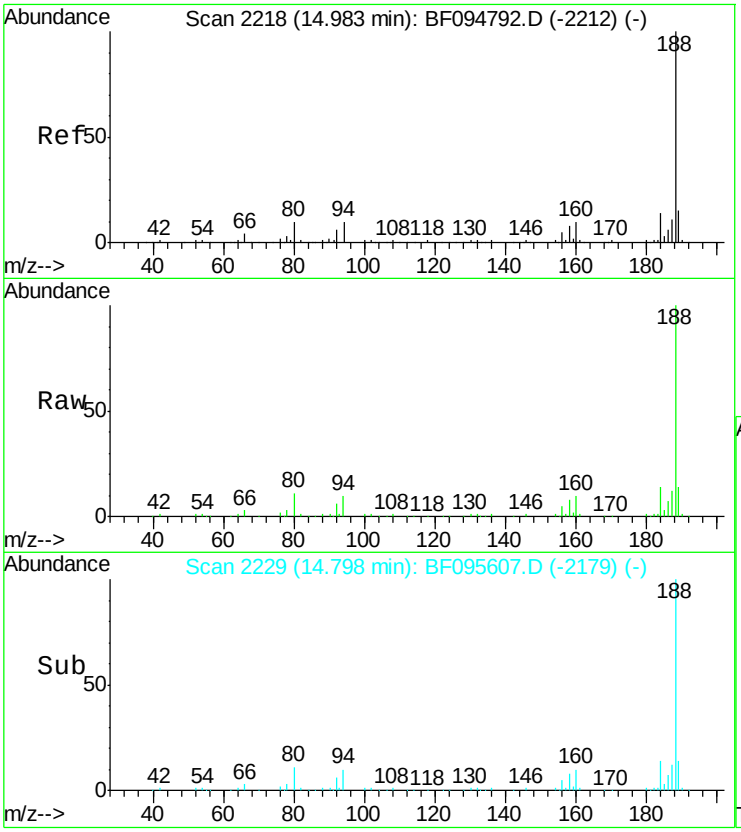


#62
Azobenzene
Concen: 0.085 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.11 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion: 77 Resp: 829

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	100.1	3.6	43.6#
51	48.7	9.4	49.4



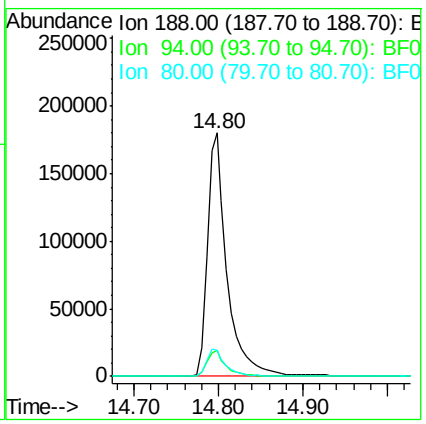


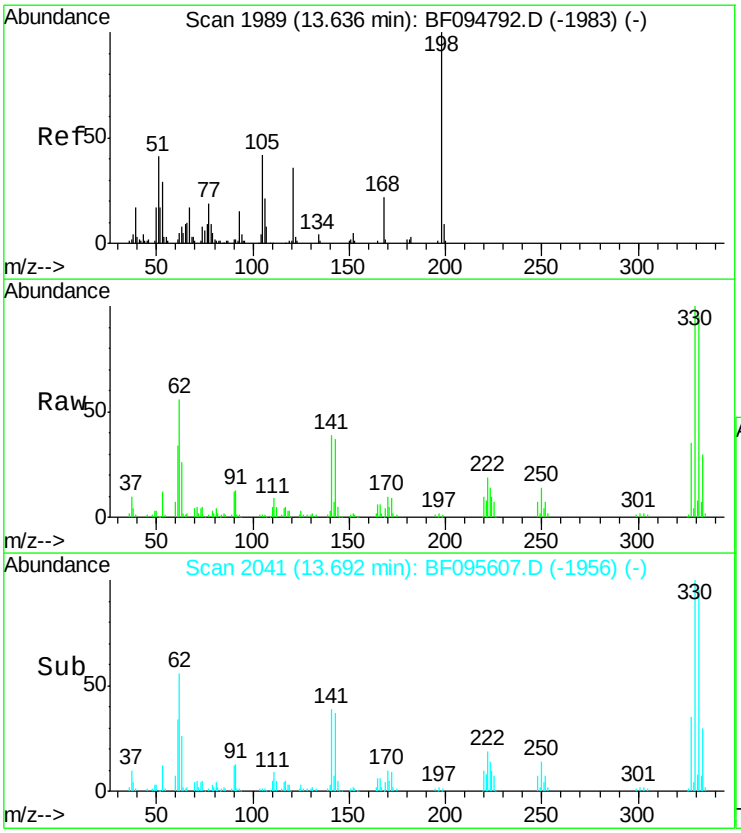
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 292772

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.8	10.2	15.2

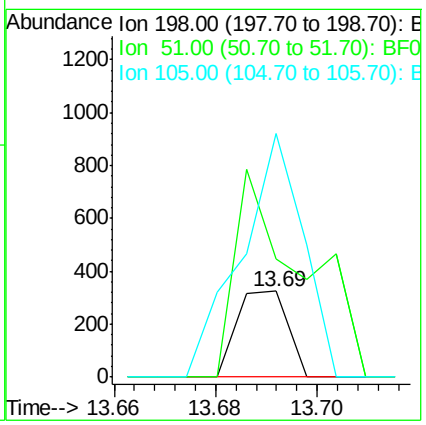


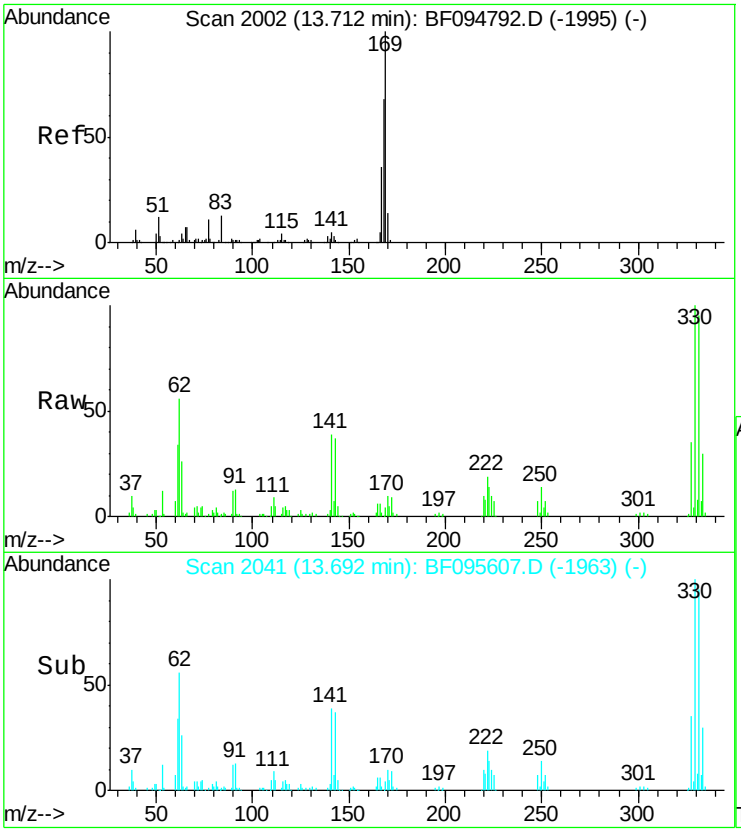


#64
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.20 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:198 Resp: 226

Ion	Ratio	Lower	Upper
198	100		
51	138.3	53.2	93.2#
105	284.3	45.8	85.8#



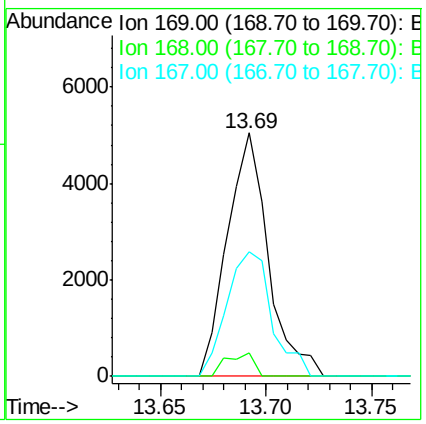


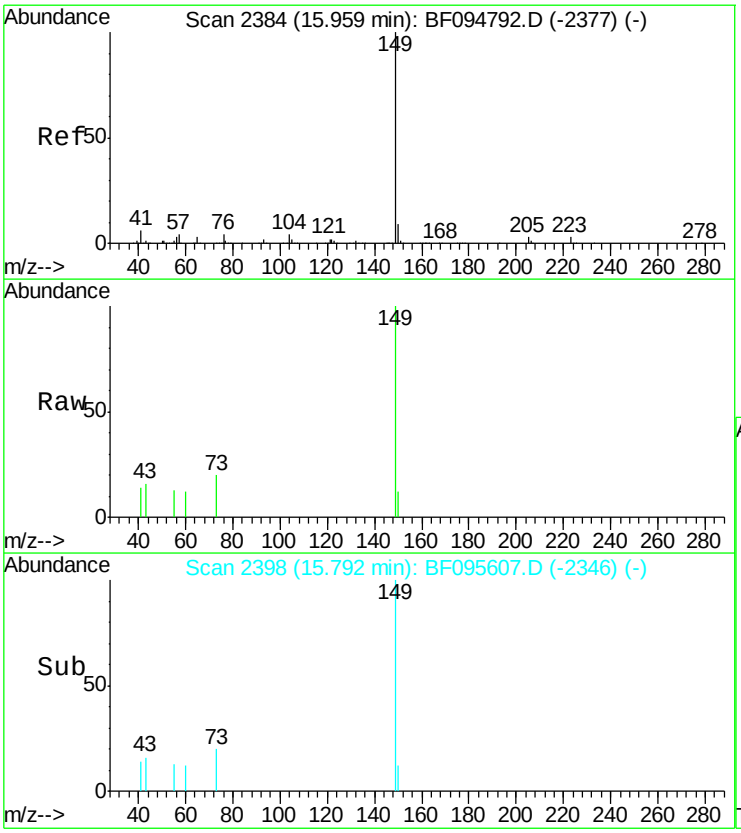
#65
n-Nitrosodiphenylamine
Concen: 0.637 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.16 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:169 Resp: 6771

Ion	Ratio	Lower	Upper
169	100		
168	9.4	53.2	79.8#
167	51.1	29.5	44.3#

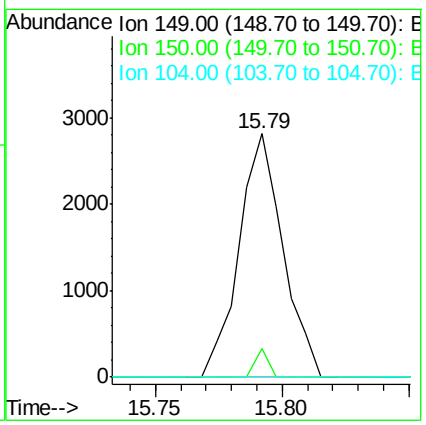


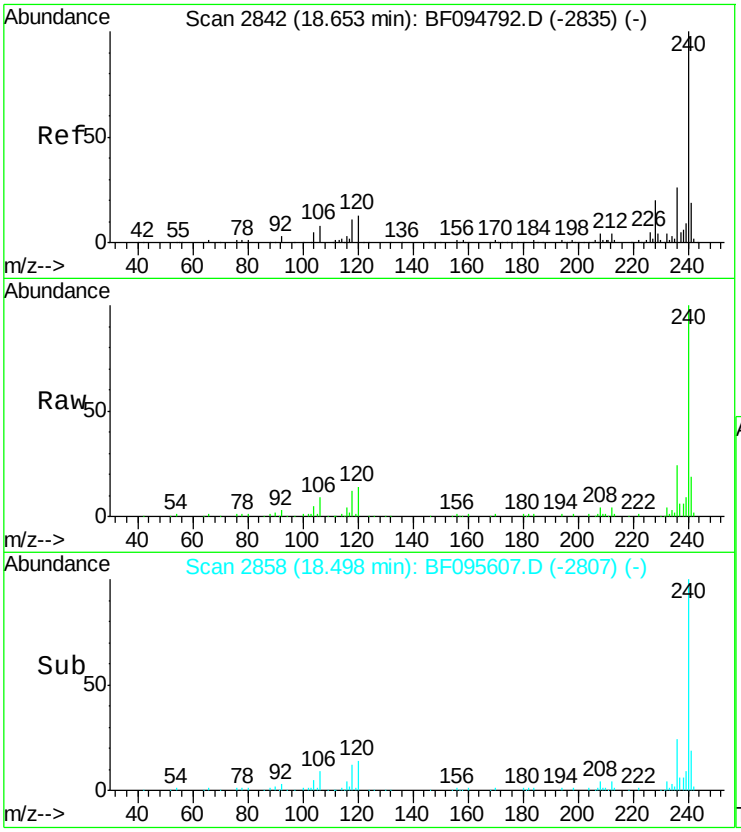


#73
Di-n-butylphthalate
Concen: 0.174 ng
RT: 15.79 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:149 Resp: 3397

Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.7	11.5#
104	0.0	4.0	6.0#



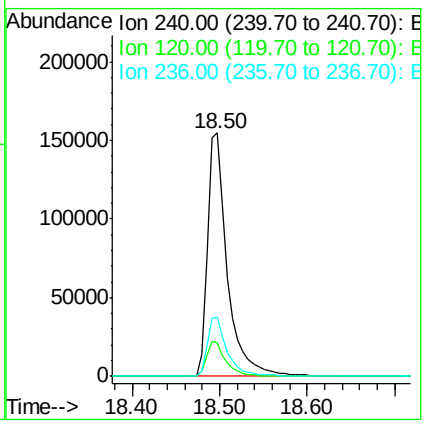


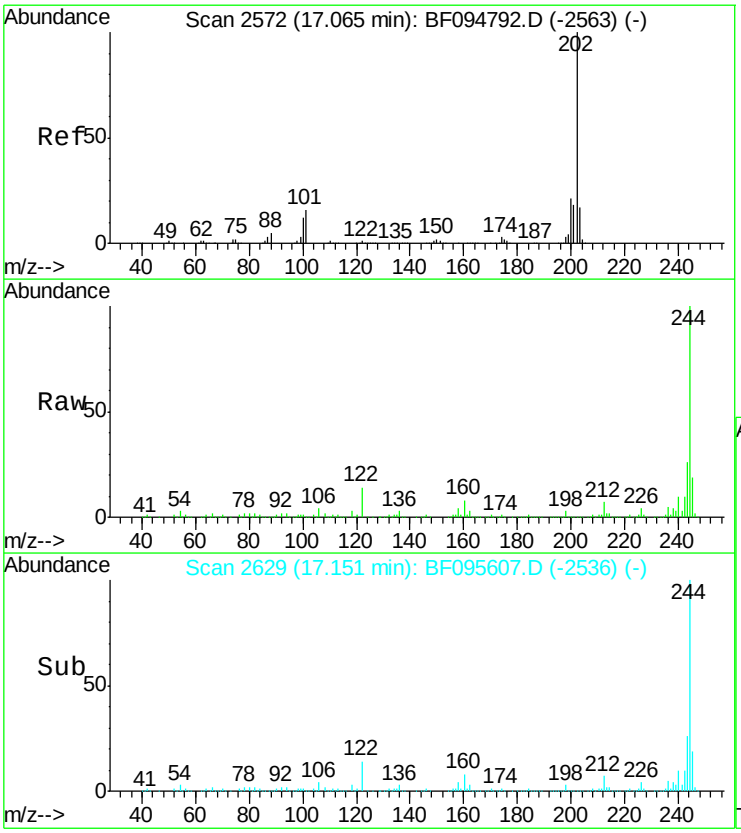
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:240 Resp: 242654

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.2	20.5	30.7

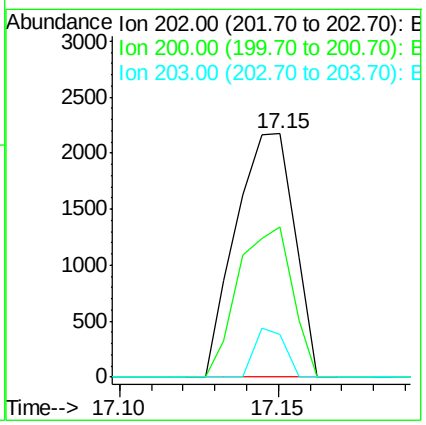


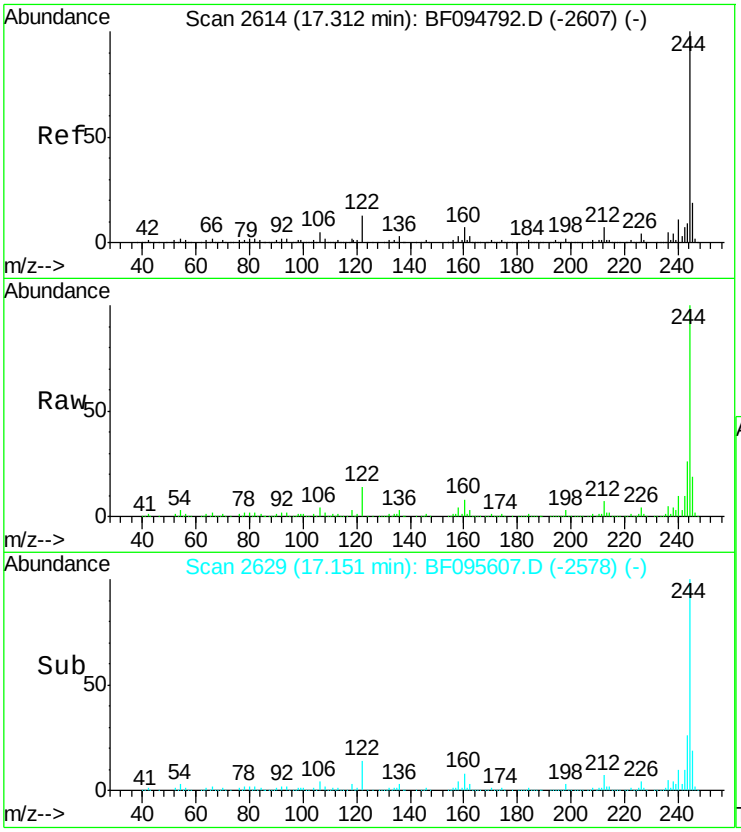


#77
Pyrene
Concen: 0.153 ng
RT: 17.15 min Scan# 2629
Delta R.T. 0.25 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:202 Resp: 2783

Ion	Ratio	Lower	Upper
202	100		
200	61.5	17.6	26.4#
203	17.3	14.4	21.6



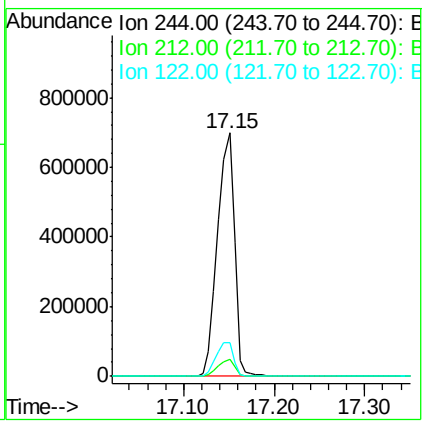


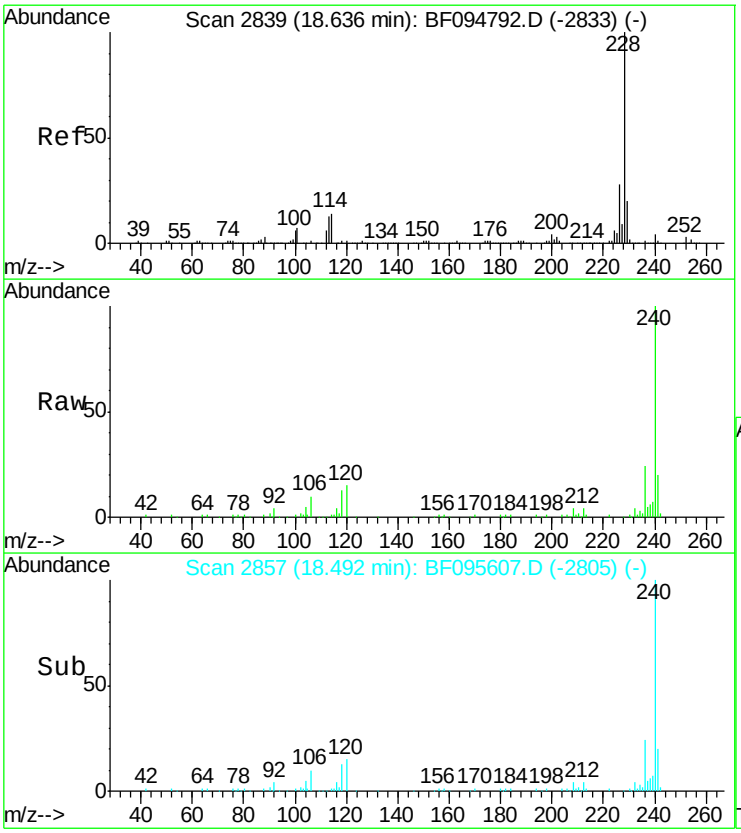
#78
Terphenyl-d14
Concen: 82.244 ng
RT: 17.15 min Scan# 2629
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 906073

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.1	10.3	15.5

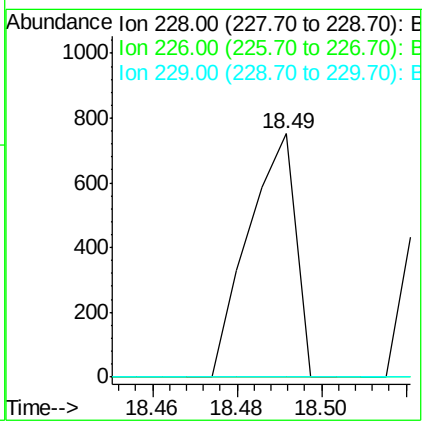


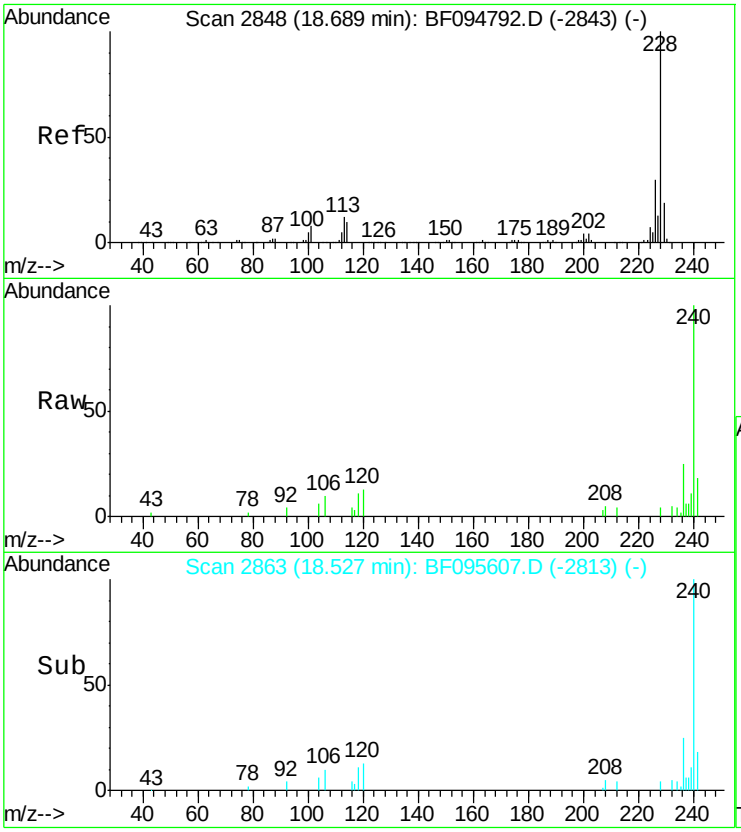


#80
Benzo(a)anthracene
Concen: 0.042 ng
RT: 18.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:228 Resp: 589

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



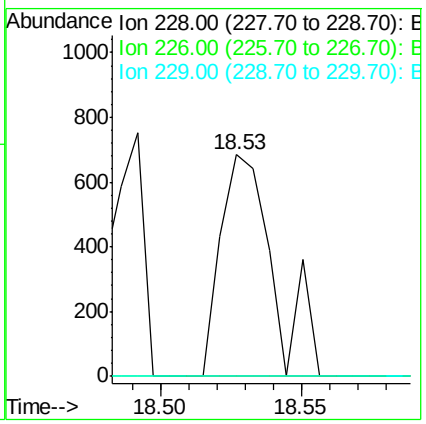


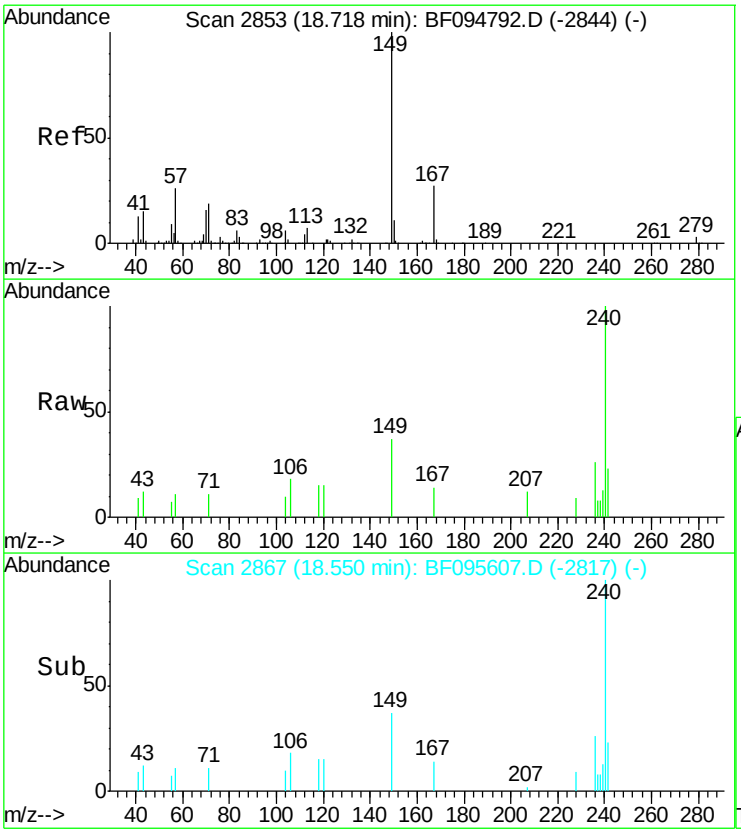
#82
Chrysene
Concen: 0.065 ng
RT: 18.53 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:228 Resp: 886

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

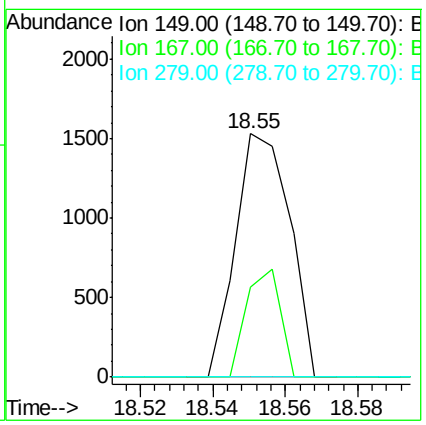


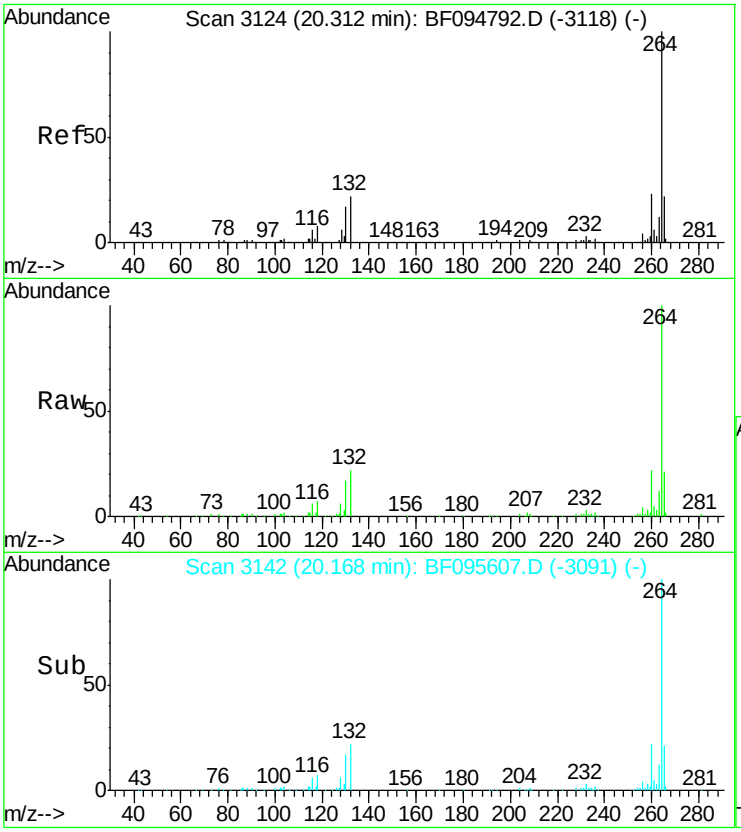


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.132 ng
RT: 18.55 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:149 Resp: 1585

Ion	Ratio	Lower	Upper
149	100		
167	37.0	21.0	31.4#
279	0.0	1.9	2.9#



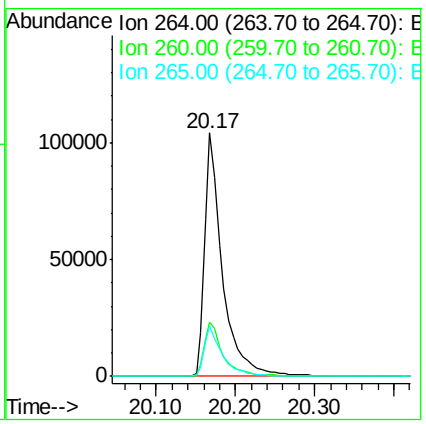


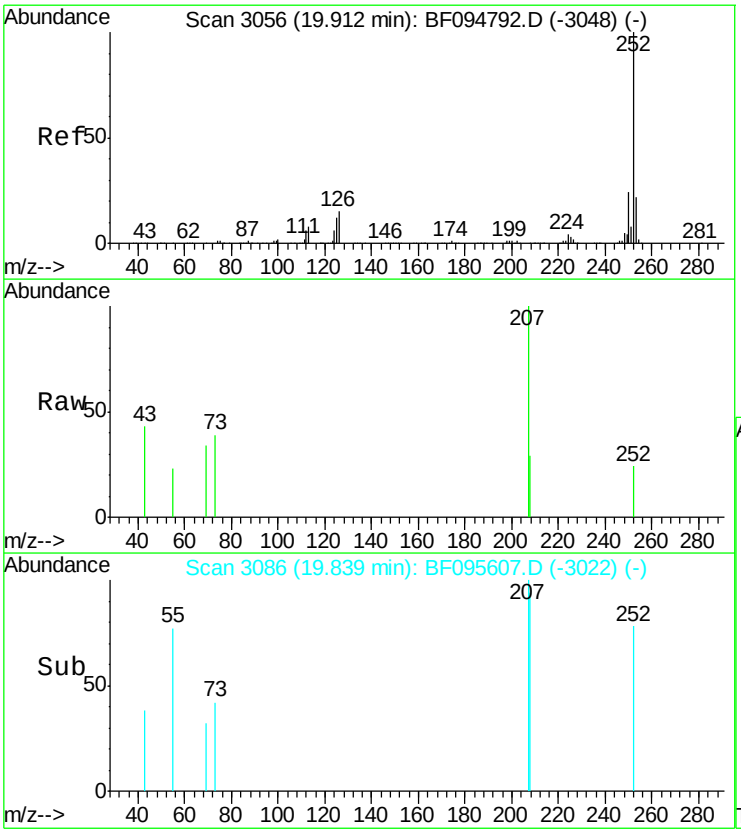
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 163868

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	20.5	17.2	25.8

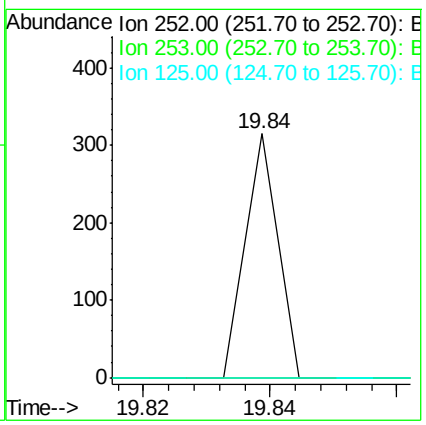


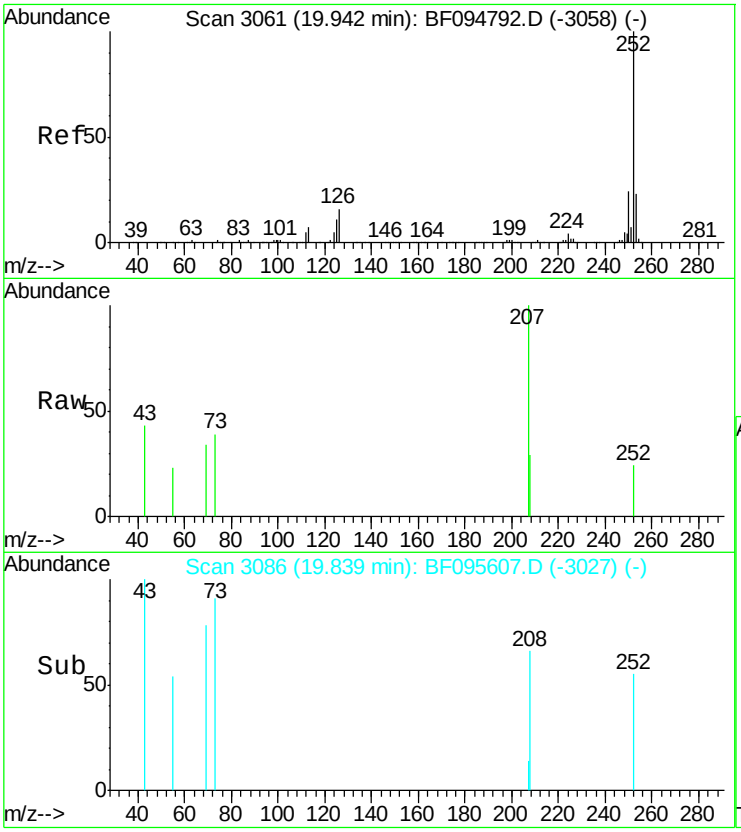


#87
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 19.84 min Scan# 3086
Delta R.T. 0.08 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:252 Resp: 111

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



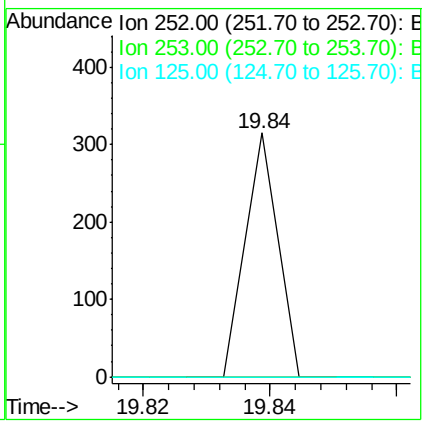


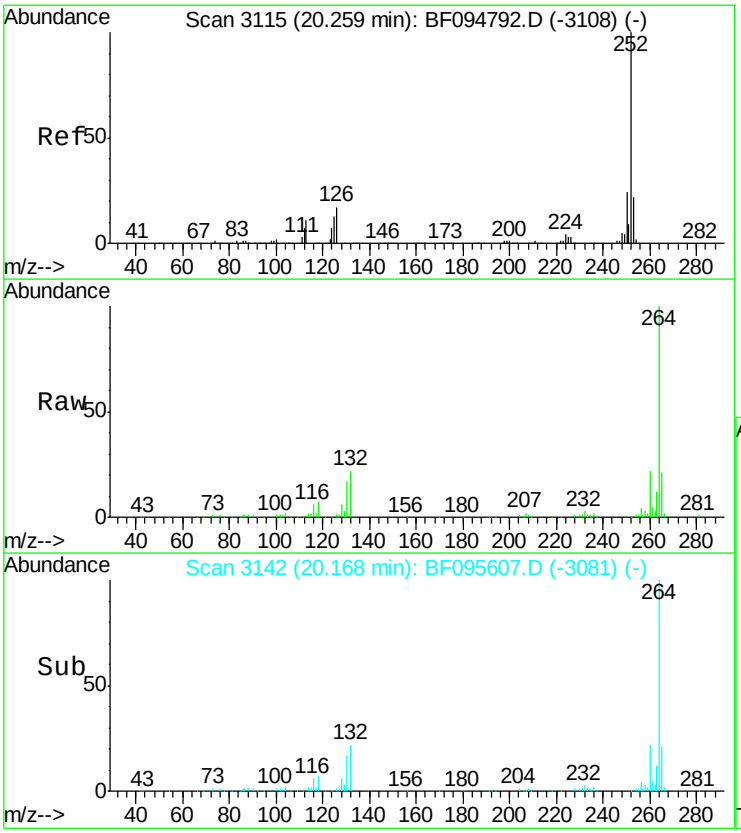
#88
Benzo(k)fluoranthene
Concen: 0.011 ng
RT: 19.84 min Scan# 3086
Delta R.T. 0.05 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:252 Resp: 111

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: 0.015 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095607.D
Acq: 1 Jun 2017 21:48

Tgt Ion:252 Resp: 144

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	11.0	16.4#