Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095602.D
Acq On : 1 Jun 2017 19:09
Operator : SJ/MA
Sample : I3361-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-0021

Quant Time: Jun 17 00:47:30 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	73105	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	303935	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	145318	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	280539	20.00	ng	0.00
75) Chrysene-d12	18.49	240	245213	20.00	ng	0.00
86) Perylene-d12	20.17	264	168149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	270721	61.74	ng	0.01
7) Phenol-d6	7.10	99	194514	36.97	ng	0.00
23) Nitrobenzene-d5	8.45	82	479688	99.52	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	186450	156.67	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	964163	95.50	ng	0.00
78) Terphenyl-d14	17.15	244	819529	73.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.83	88	395	0.184	ng	# 21
4) n-Nitrosodimethylamine	2.13	42	160	0.077	ng	# 1
6) Aniline	7.19	93	335	0.050	ng	# 1
9) Benzaldehyde	6.85	77	2398	0.746	ng	# 1
10) Phenol	7.14	94	1434	0.259	ng	# 1
11) bis(2-Chloroethyl)ether	7.19	93	335	0.073	ng	# 1
15) Benzyl Alcohol	7.77	79	7435	2.197	ng	# 44
18) Hexachloroethane	8.35	117	106	0.055	ng	# 1
19) n-Nitroso-di-n-propylamine	8.45	70	59175	16.630	ng	# 72
22) Acetophenone	8.20	105	2443	0.335	ng	# 46
24) Nitrobenzene	8.47	77	112	0.022	ng	# 39
25) Isophorone	8.80	82	255	0.030	ng	# 67
31) Naphthalene	9.61	128	6246	0.409	ng	# 80
33) 4-Chloroaniline	9.60	127	517	0.091	ng	# 51
37) 2-Methylnaphthalene	10.77	142	3415	0.341	ng	96
45) 1,1'-Biphenyl	11.53	154	1417	0.116	ng	# 60
49) Dimethylphthalate	12.05	163	26184	2.195	ng	98
50) 2,6-Dinitrotoluene	12.39	165	18030	7.408	ng	# 31
51) Acenaphthene	12.40	154	148	0.016	ng	# 4
59) Diethylphthalate	13.19	149	233	0.020	ng	# 60
62) Azobenzene	13.69	77	797	0.087	ng	# 25
65) n-Nitrosodiphenylamine	13.69	169	6502	0.639	ng	# 35
73) Di-n-butylphthalate	15.79	149	1179	0.063	ng	# 78
77) Pyrene	17.14	202	2646	0.144	ng	# 70
80) Benzo(a)anthracene	18.49	228	880	0.062	ng	# 50
82) Chrysene	18.54	228	1166	0.084	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.56	149	2679	0.220	ng	# 99
84) Di-n-octyl phthalate	19.33	149	333	0.017	ng	# 1
89) Benzo(a)pyrene	20.17	252	457	0.048	ng	# 59

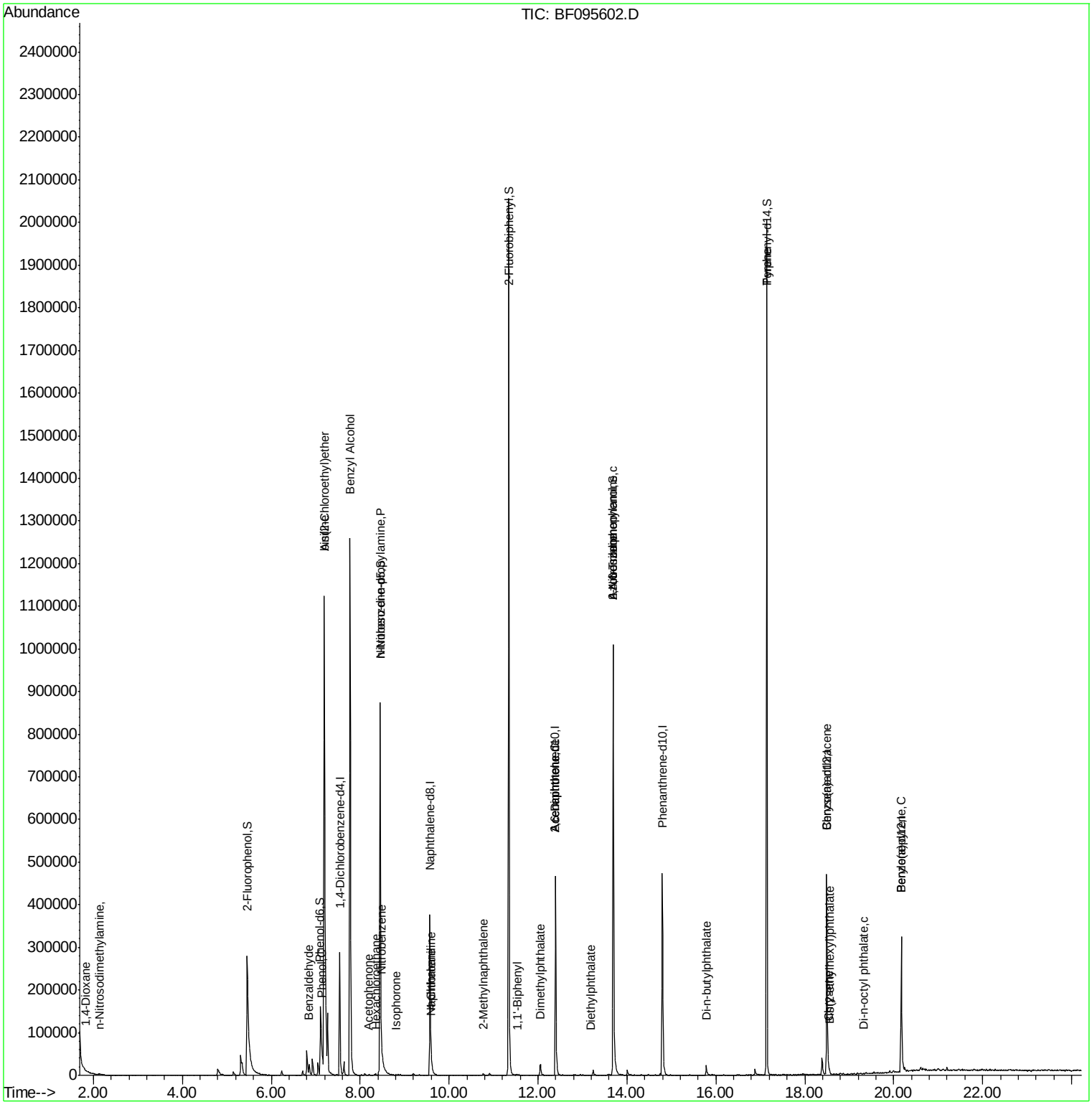
(#) = qualifier out of range (m) = manual integration (+) = signals summed

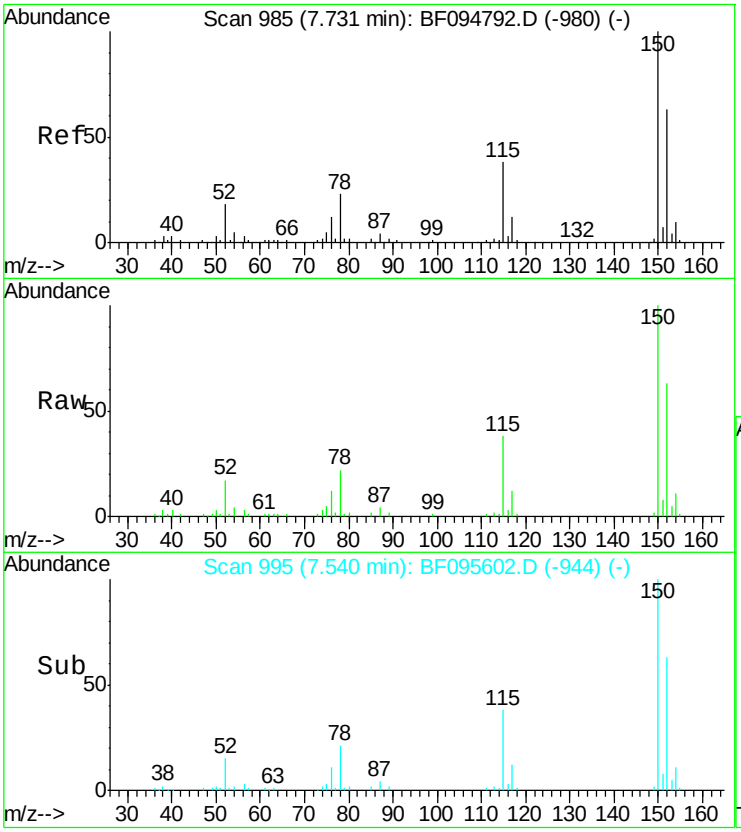
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095602.D
Acq On : 1 Jun 2017 19:09
Operator : SJ/MA
Sample : I3361-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-0021

Quant Time: Jun 17 00:47:30 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



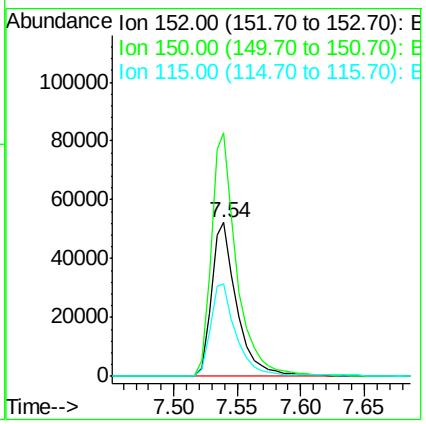


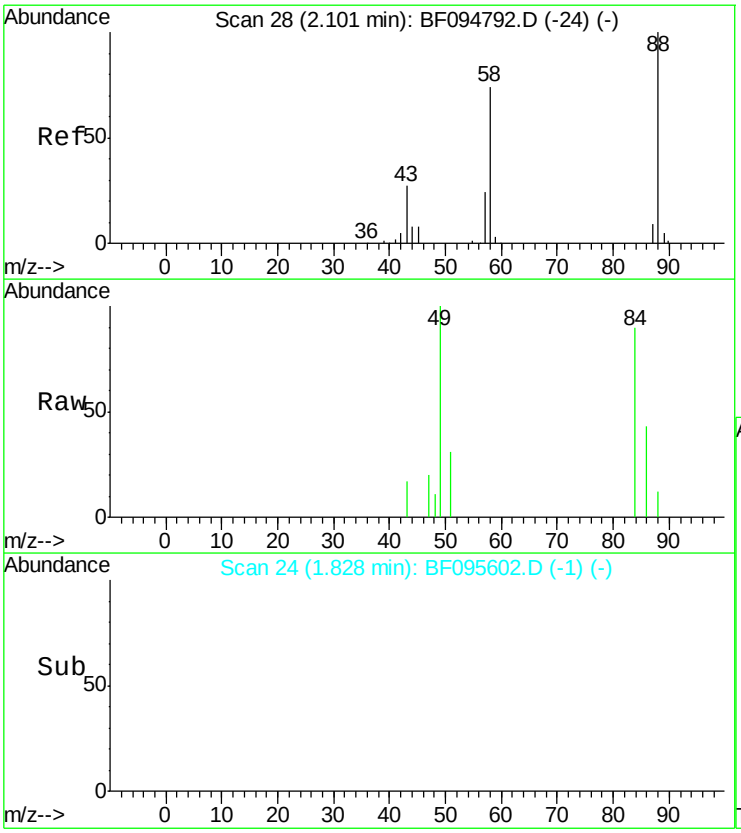
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:152 Resp: 73105

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	60.1	52.2	78.2

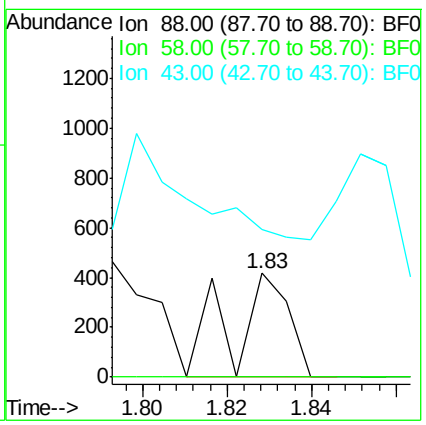


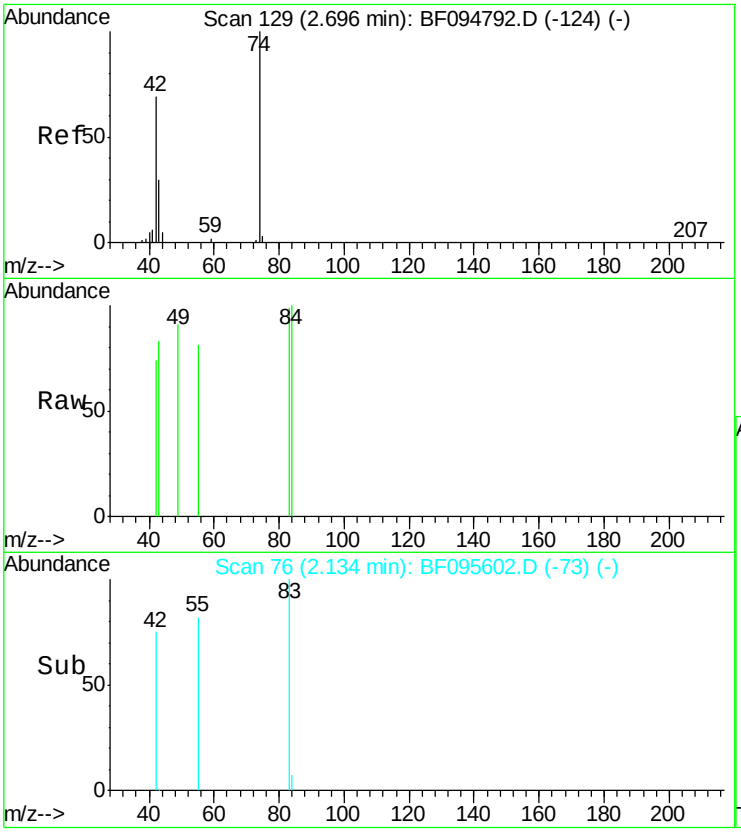


#2
1,4-Dioxane
Concen: 0.184 ng
RT: 1.83 min Scan# 24
Delta R.T. -0.02 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 88 Resp: 395

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



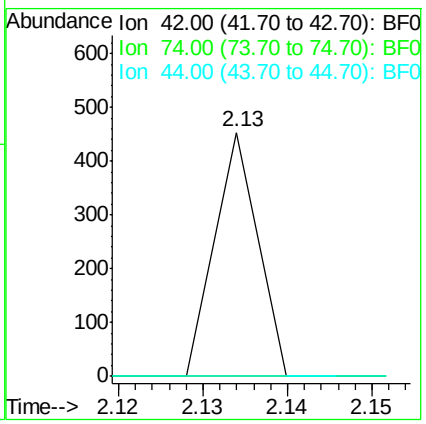


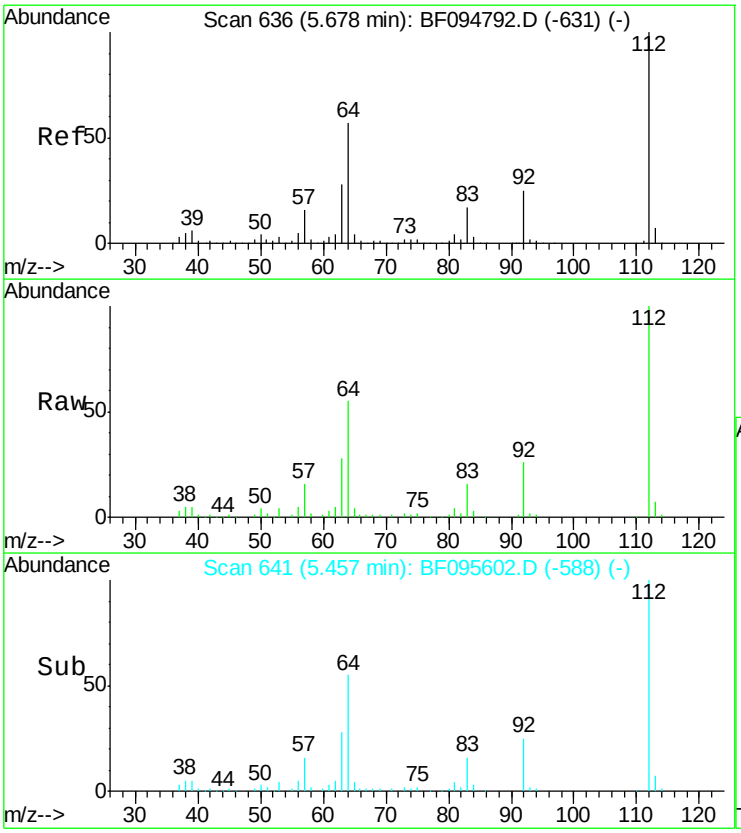
#4
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 2.13 min Scan# 76
Delta R.T. -0.28 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 42 Resp: 160

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

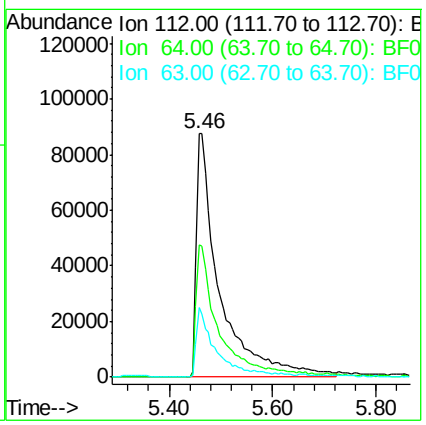


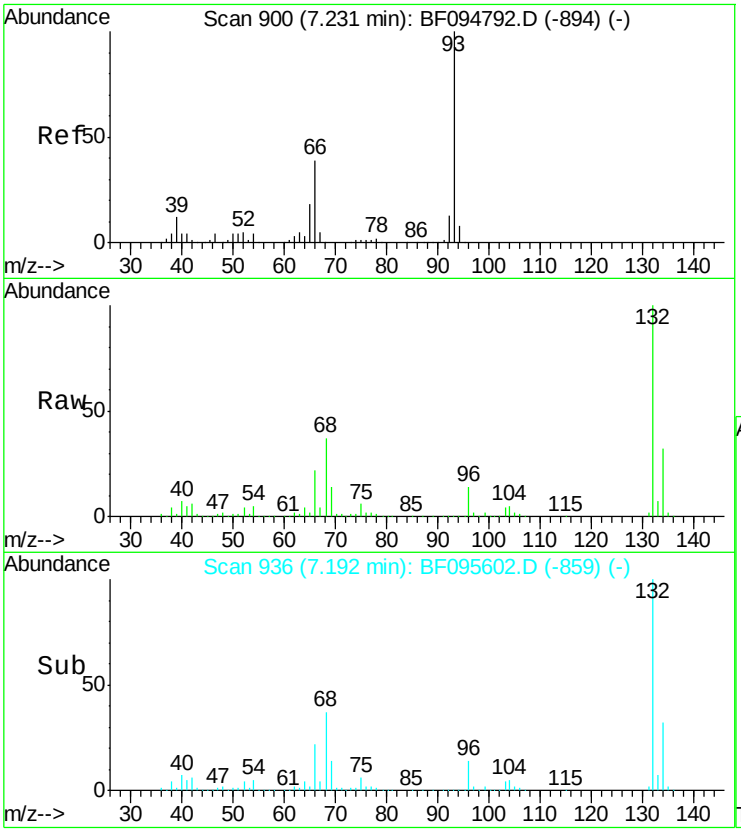


#5
2-Fluorophenol
Concen: 61.740 ng
RT: 5.46 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:112 Resp: 270721

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	28.3	23.4	35.0



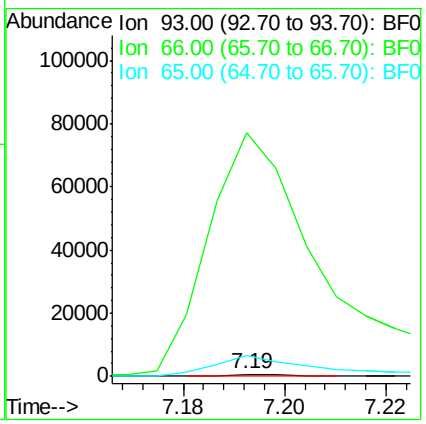


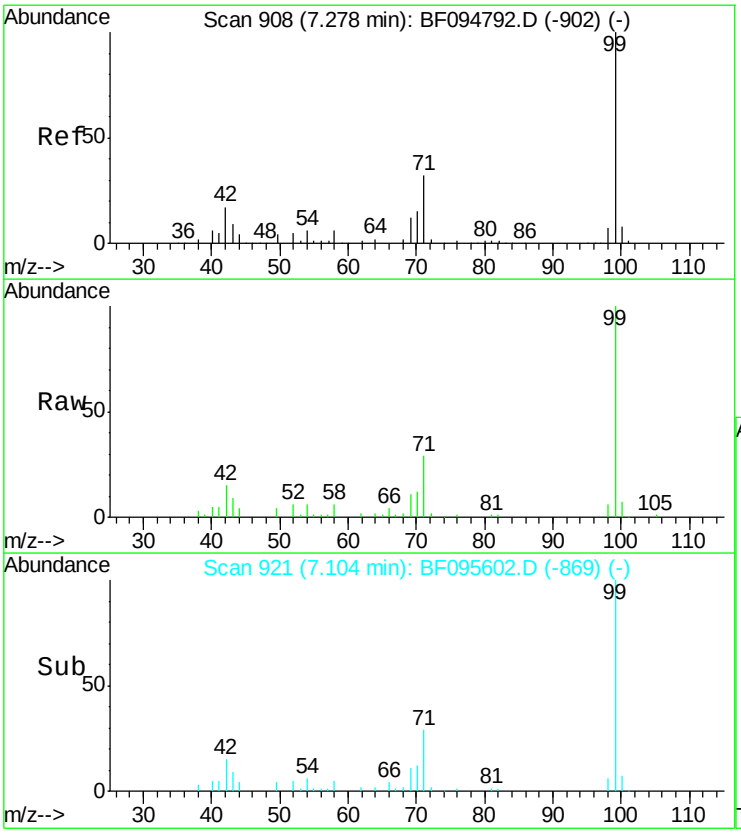
#6
Aniline
Concen: 0.050 ng
RT: 7.19 min Scan# 936
Delta R.T. 0.15 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 93 Resp: 335

Ion	Ratio	Lower	Upper
93	100		
66	13718.1	32.9	49.3#
65	1160.5	16.0	24.0#

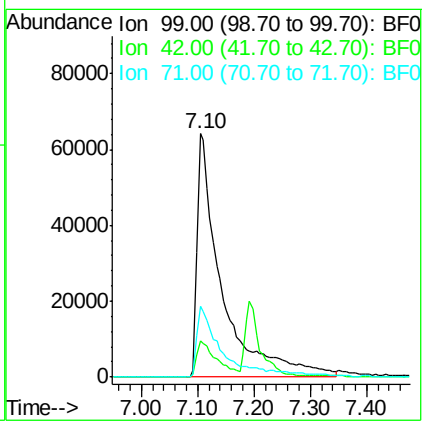


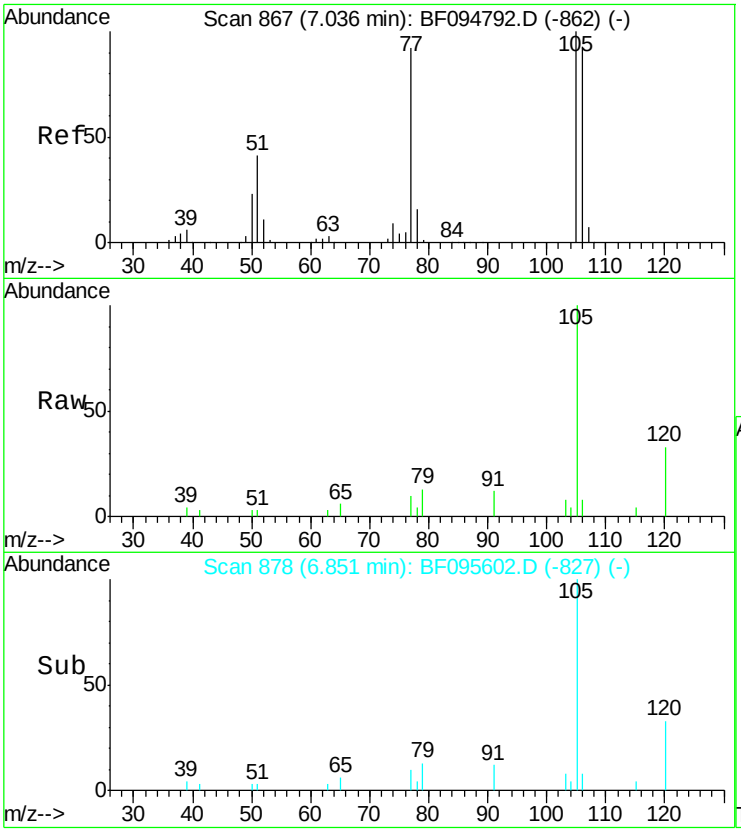


#7
Phenol-d6
Concen: 36.972 ng
RT: 7.10 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 99 Resp: 194514

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.5	20.3
71	29.1	24.5	36.7



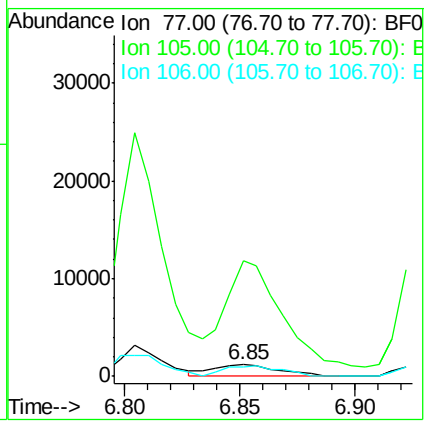


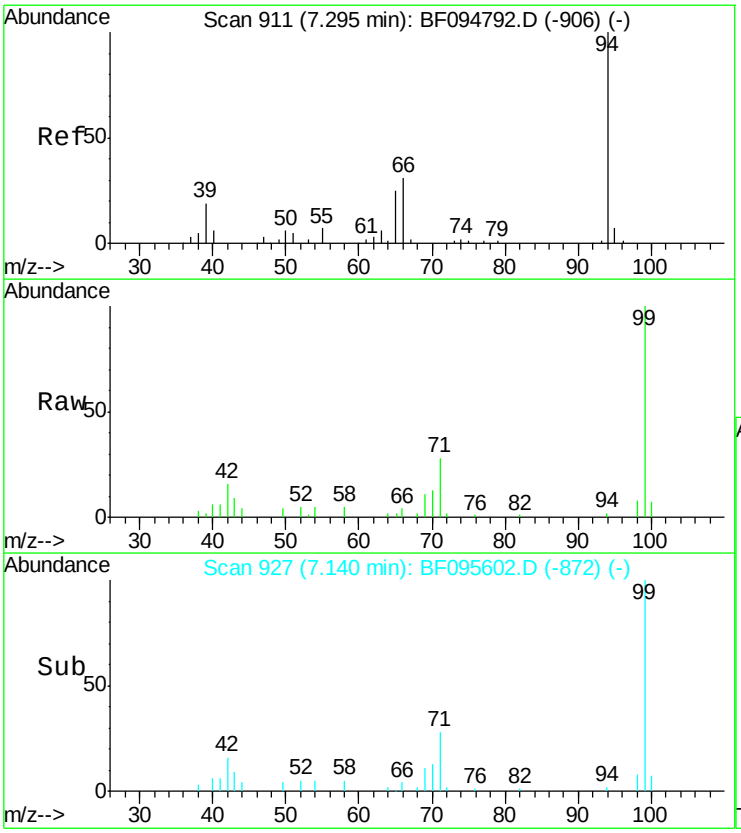
#9
Benzaldehyde
Concen: 0.746 ng
RT: 6.85 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 77 Resp: 2398

Ion	Ratio	Lower	Upper
77	100		
105	984.4	83.8	123.8#
106	80.2	79.1	119.1

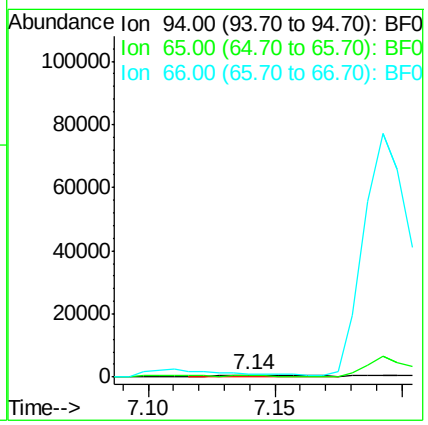


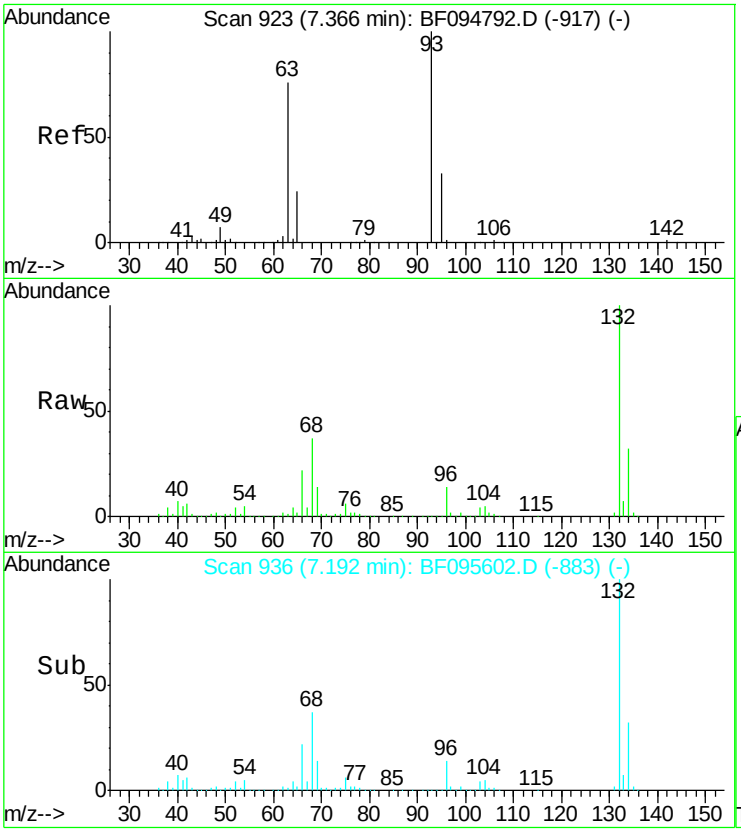


#10
Phenol
Concen: 0.259 ng
RT: 7.14 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 94 Resp: 1434

Ion	Ratio	Lower	Upper
94	100		
65	74.0	9.9	49.9#
66	167.2	23.1	63.1#



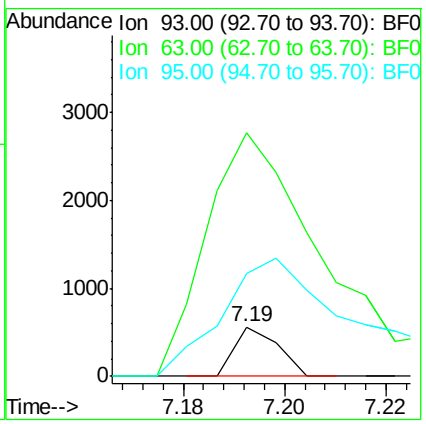


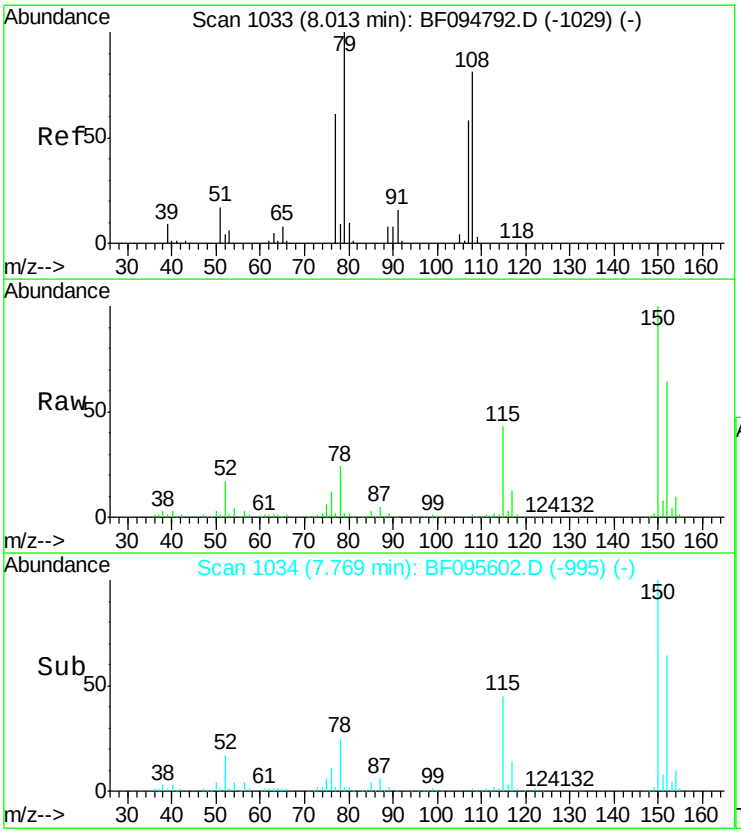
#11
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 7.19 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 93 Resp: 335

Ion	Ratio	Lower	Upper
93	100		
63	492.3	59.2	99.2#
95	207.7	12.8	52.8#

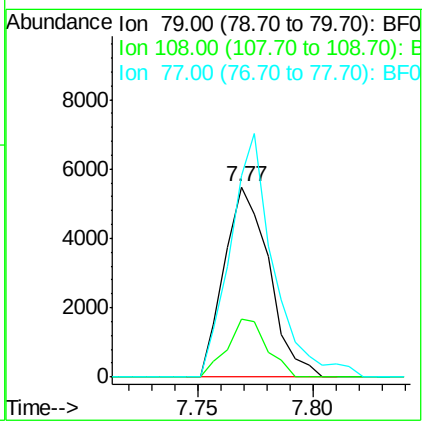


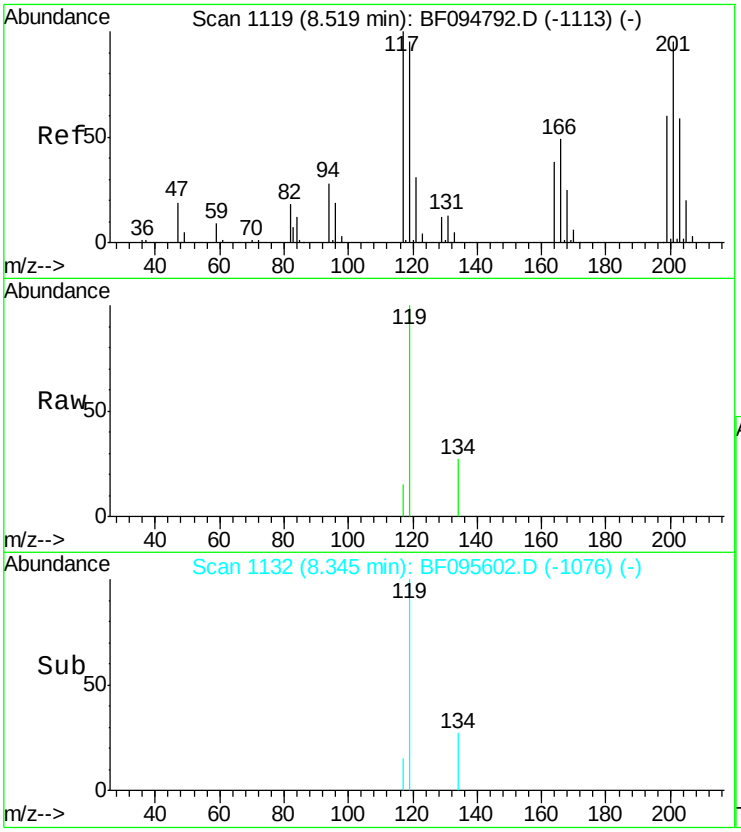


#15
Benzyl Alcohol
Concen: 2.197 ng
RT: 7.77 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 79 Resp: 7435

Ion	Ratio	Lower	Upper
79	100		
108	30.7	63.4	95.0#
77	105.4	49.2	73.8#



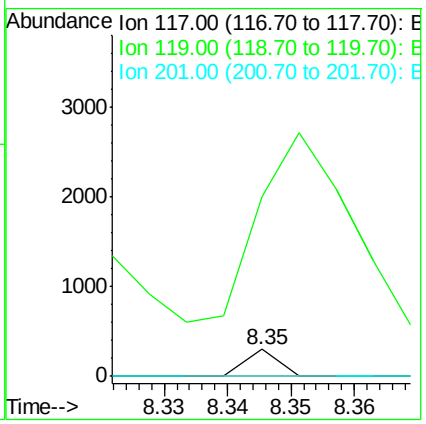


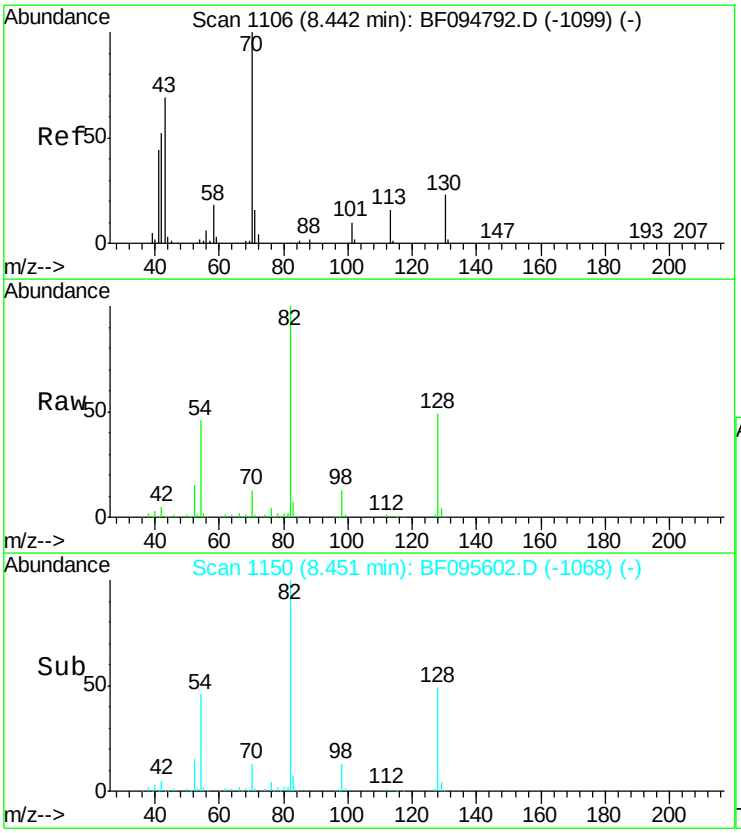
#18
Hexachloroethane
Concen: 0.055 ng
RT: 8.35 min Scan# 1132
Delta R.T. 0.03 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:117 Resp: 106

Ion	Ratio	Lower	Upper
117	100		
119	666.1	77.4	116.0#
201	0.0	94.6	141.8#

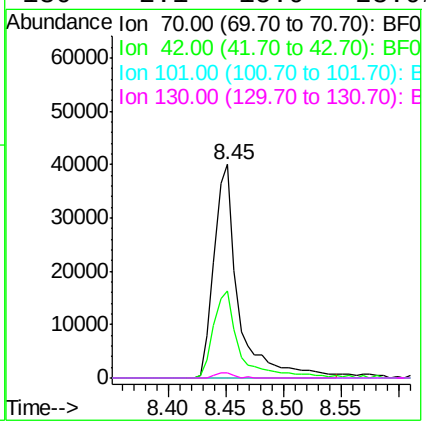


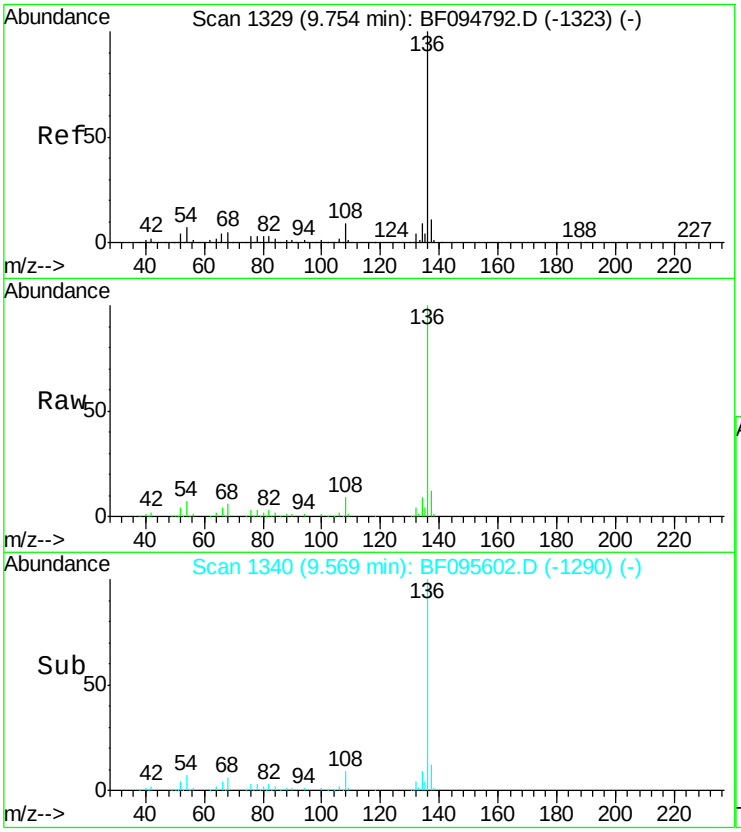


#19
n-Nitroso-di-n-propylamine
Concen: 16.630 ng
RT: 8.45 min Scan# 1150
Delta R.T. 0.18 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 70 Resp: 59175

Ion	Ratio	Lower	Upper
70	100		
42	40.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



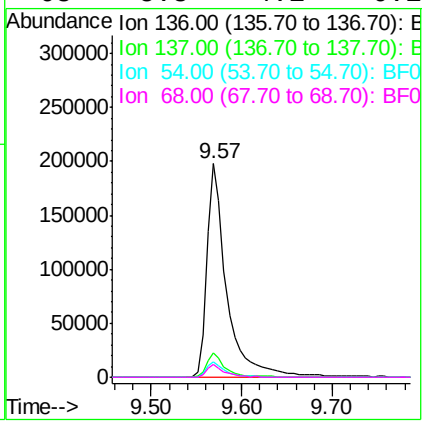


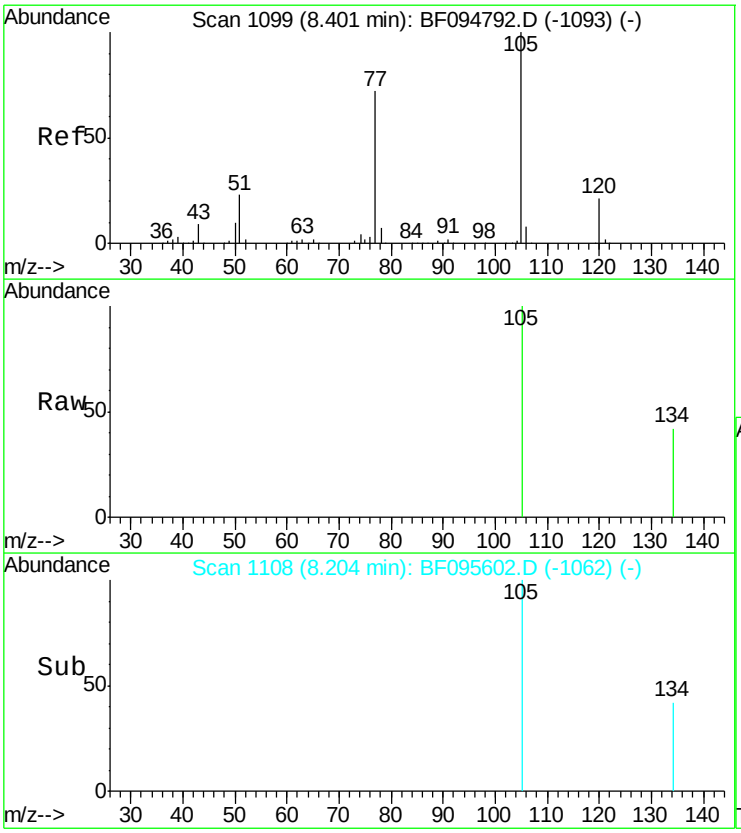
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:136 Resp: 303935

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	6.9	4.9	7.3
68	5.8	4.1	6.1

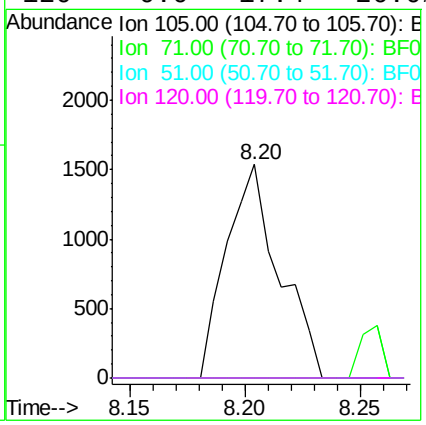


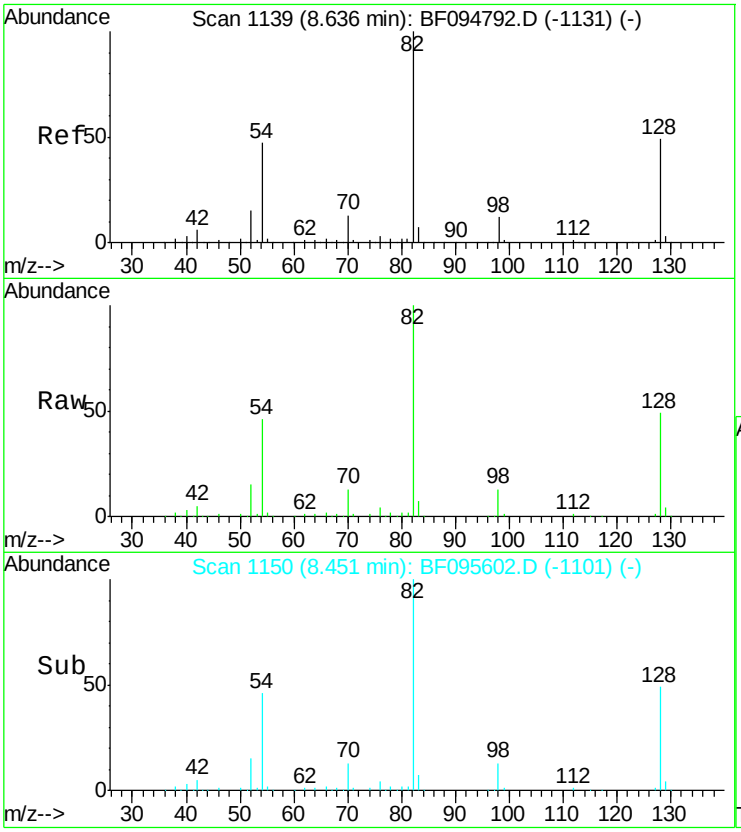


#22
Acetophenone
Concen: 0.335 ng
RT: 8.20 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:105 Resp: 2443

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#



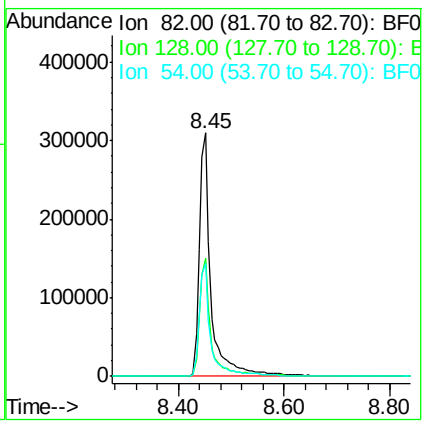


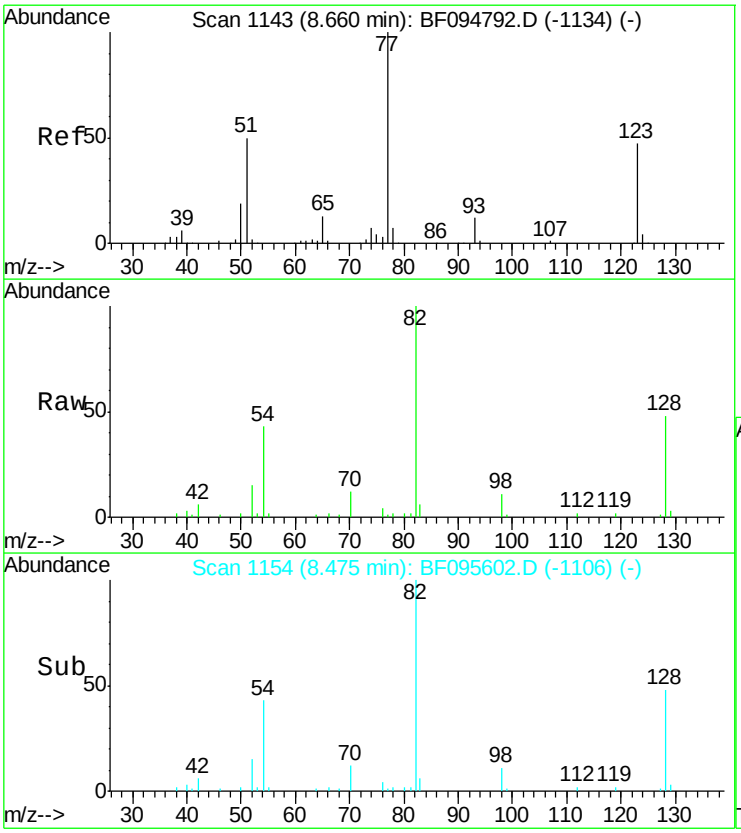
#23
Nitrobenzene-d5
Concen: 99.523 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 82 Resp: 479688

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	46.4	42.2	63.2

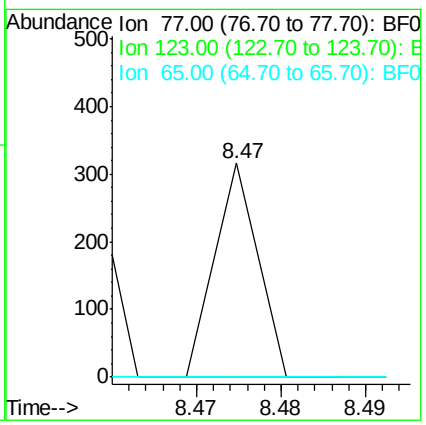


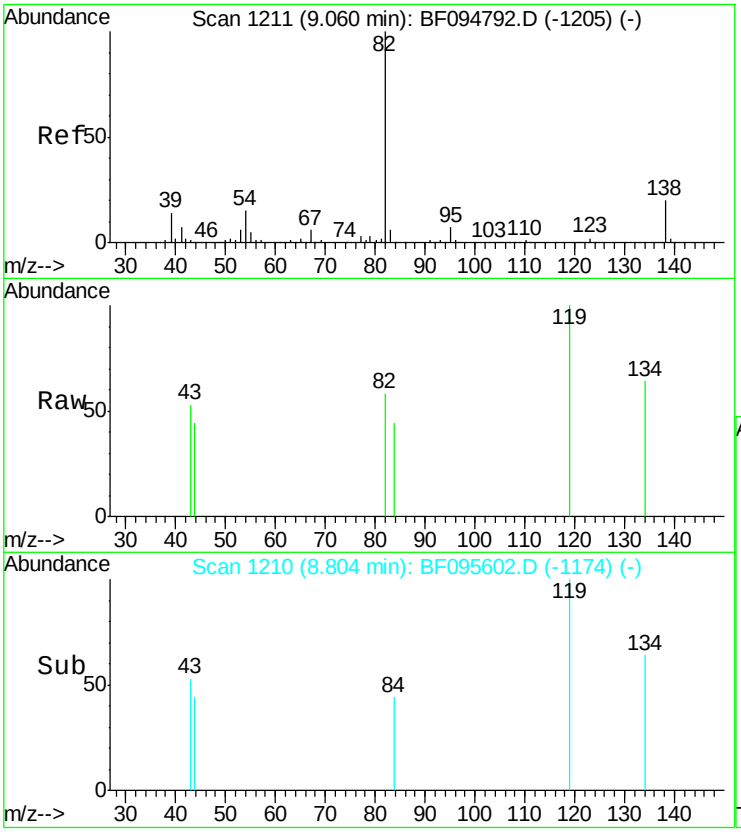


#24
Nitrobenzene
Concen: 0.022 ng
RT: 8.47 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion: 77 Resp: 112

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



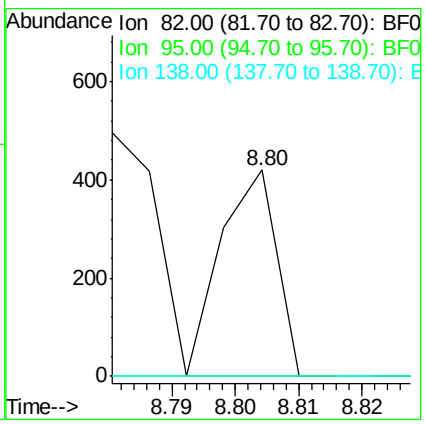


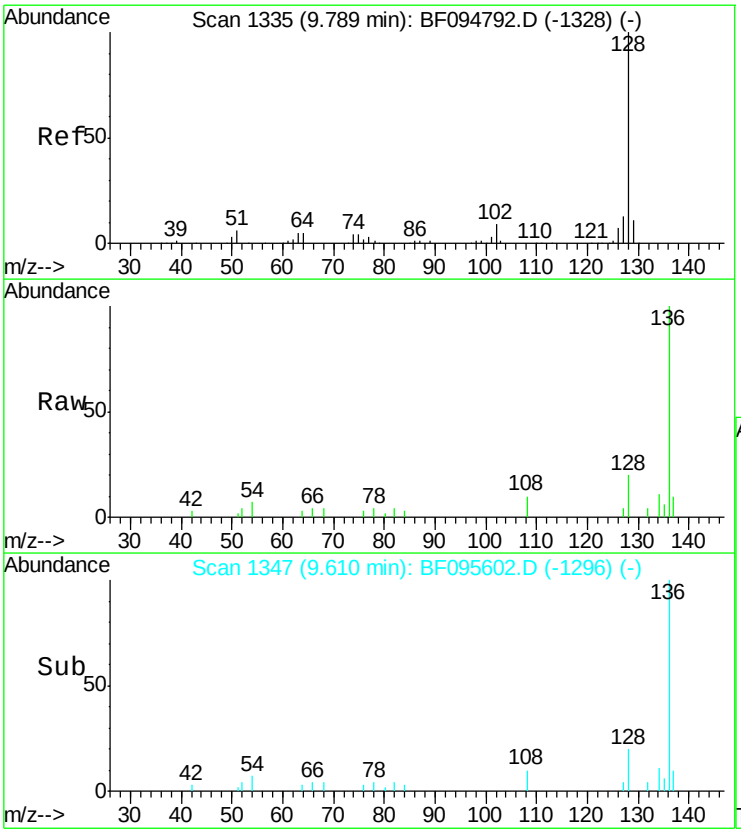
#25
Isophorone
Concen: 0.030 ng
RT: 8.80 min Scan# 1210
Delta R.T. -0.09 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 82 Resp: 255

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

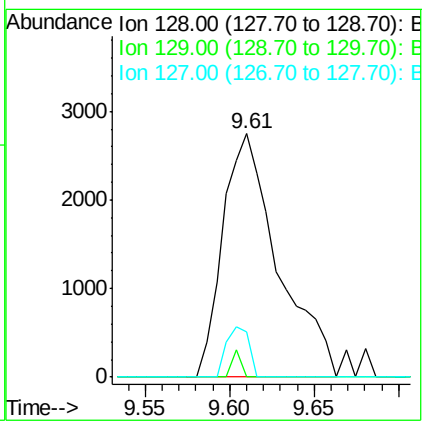


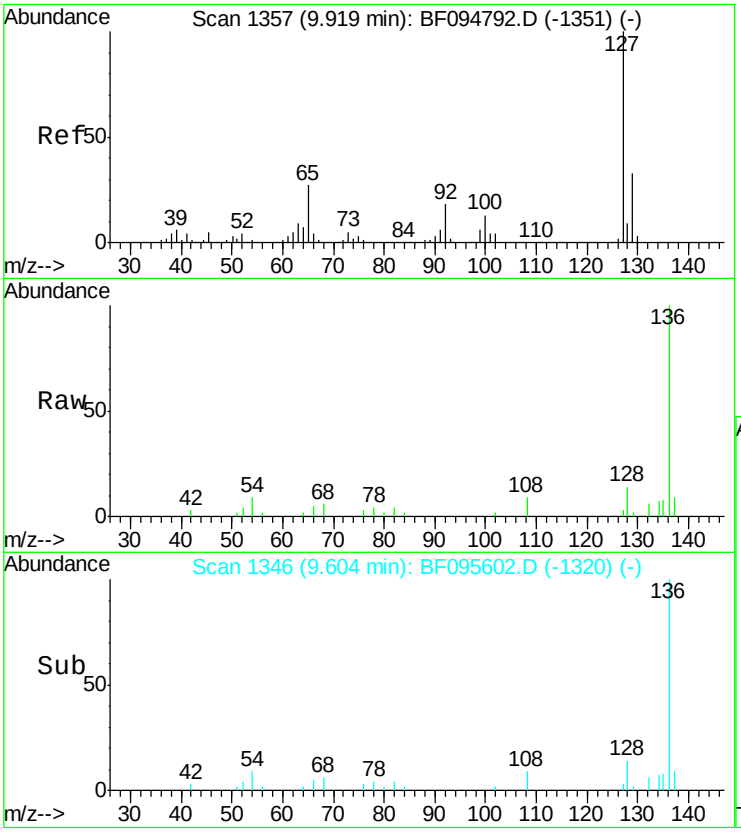


#31
Naphthalene
Concen: 0.409 ng
RT: 9.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:128 Resp: 6246

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	18.4	10.8	16.2#



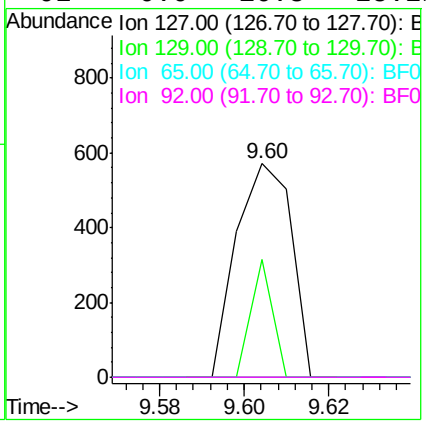


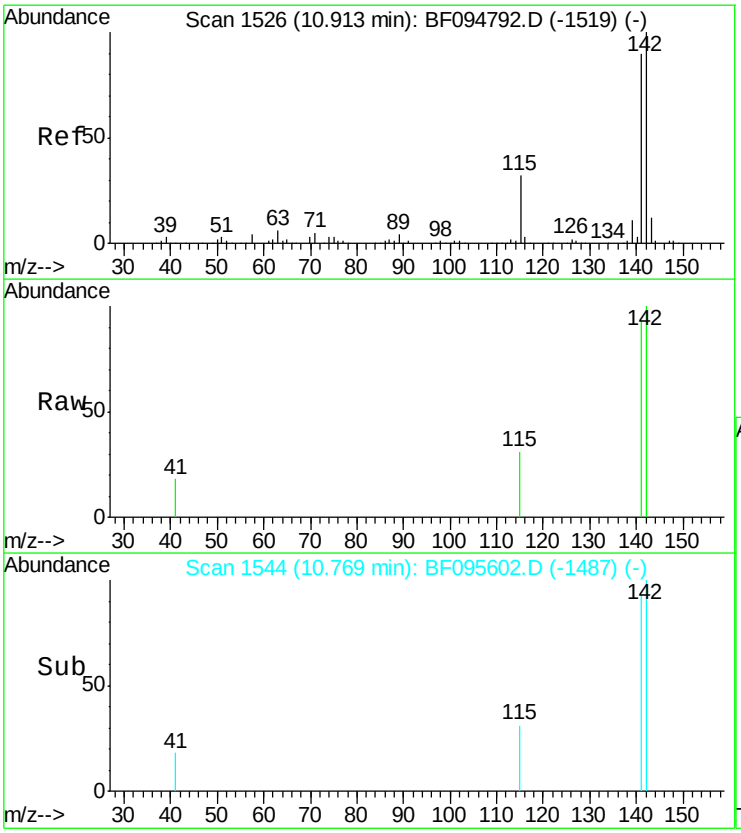
#33
4-Chloroaniline
Concen: 0.091 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.15 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:127 Resp: 517

Ion	Ratio	Lower	Upper
127	100		
129	55.0	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

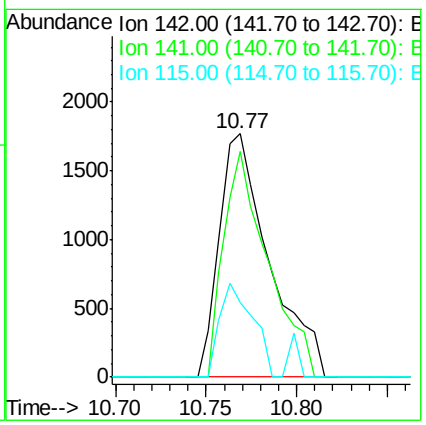


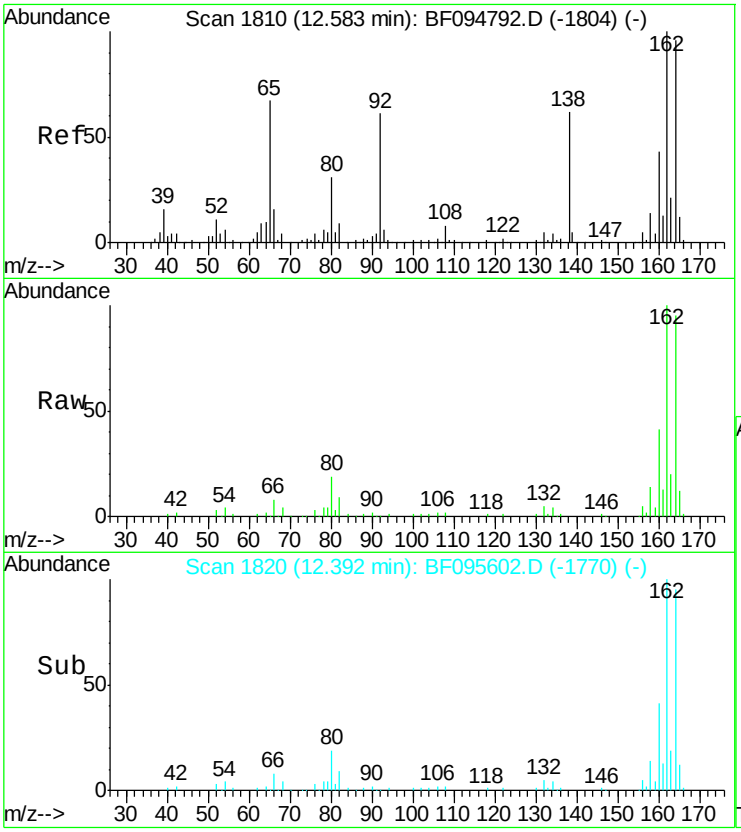


#37
2-Methylnaphthalene
Concen: 0.341 ng
RT: 10.77 min Scan# 1544
Delta R.T. 0.04 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:142 Resp: 3415

Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.3	106.9
115	30.6	27.1	40.7



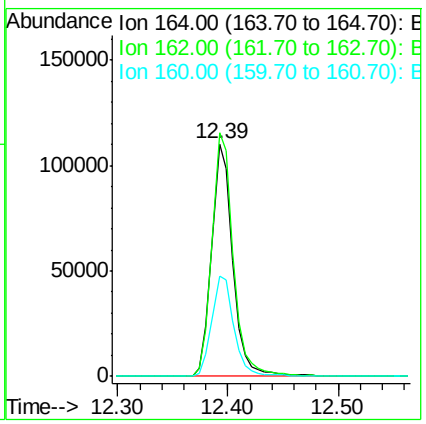


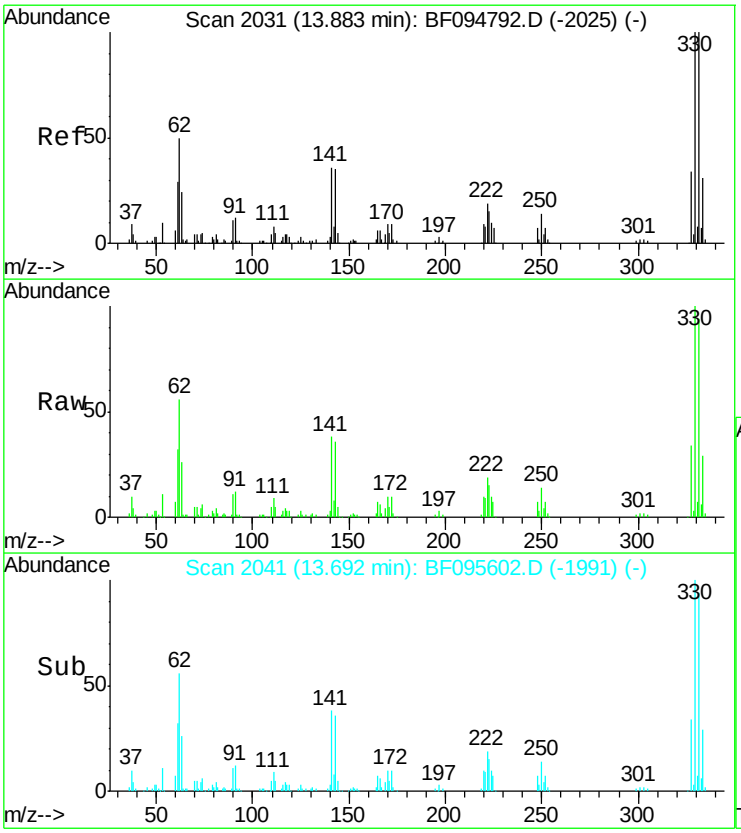
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:164 Resp: 145318

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	43.0	36.2	54.2

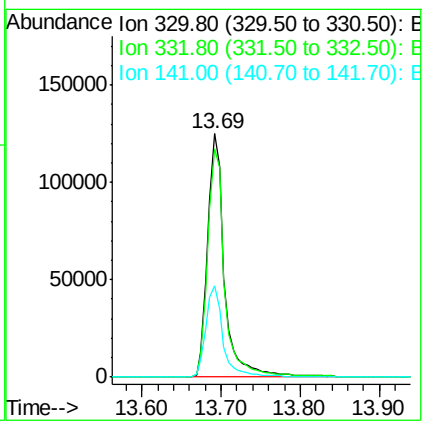


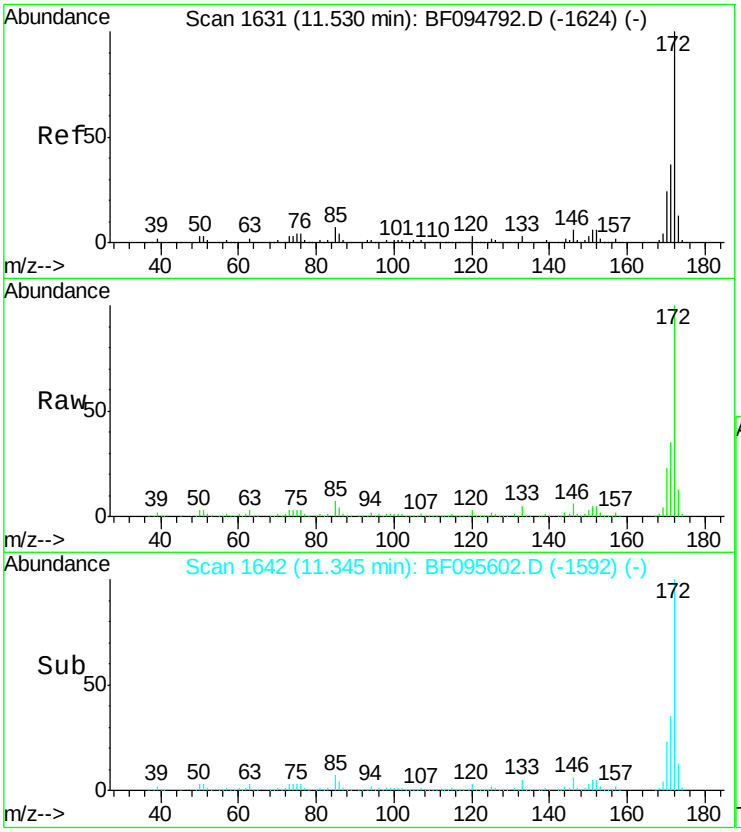


#41
2,4,6-Tribromophenol
Concen: 156.666 ng
RT: 13.69 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:330 Resp: 186450

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	38.5	31.4	47.2



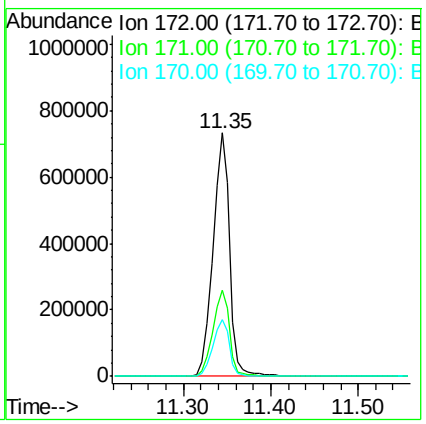


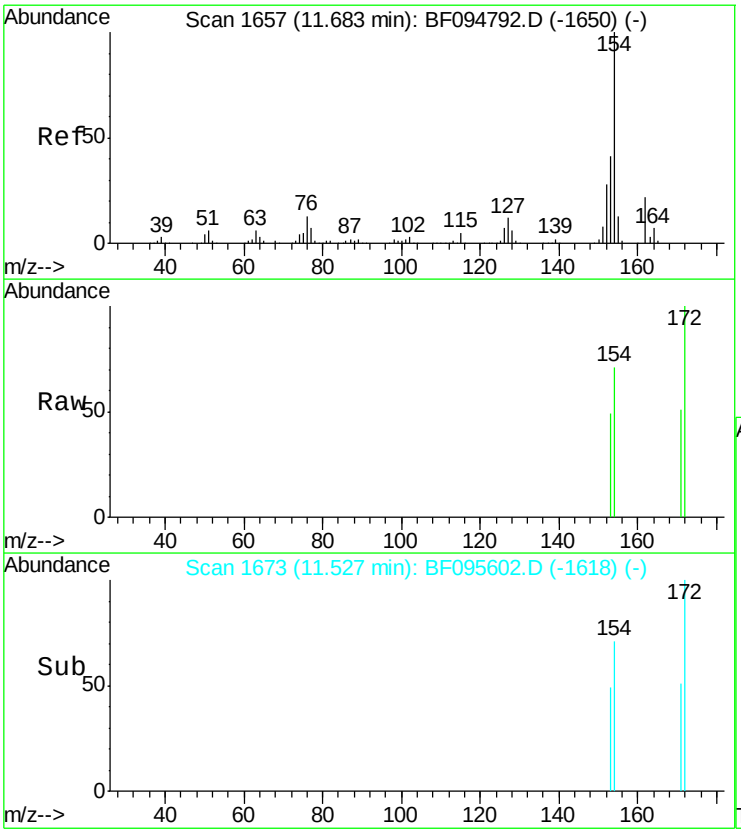
#44
2-Fluorobiphenyl
Concen: 95.498 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:172 Resp: 964163

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.8	29.8

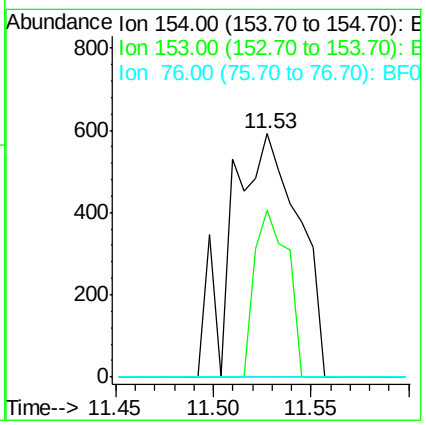


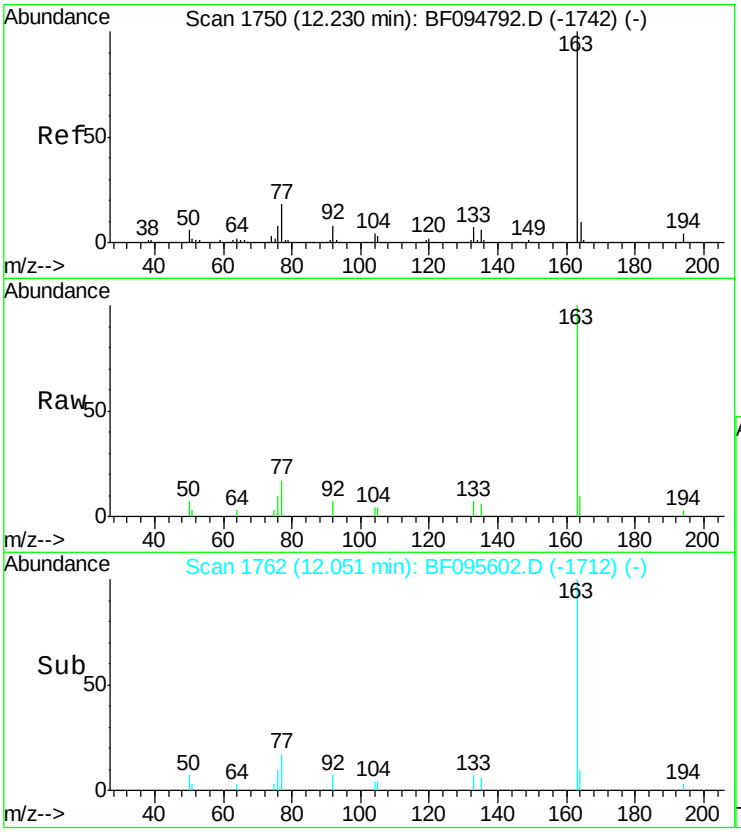


#45
1,1'-Biphenyl
Concen: 0.116 ng
RT: 11.53 min Scan# 1673
Delta R.T. 0.02 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:154 Resp: 1417

Ion	Ratio	Lower	Upper
154	100		
153	68.6	21.2	61.2#
76	0.0	0.0	29.9



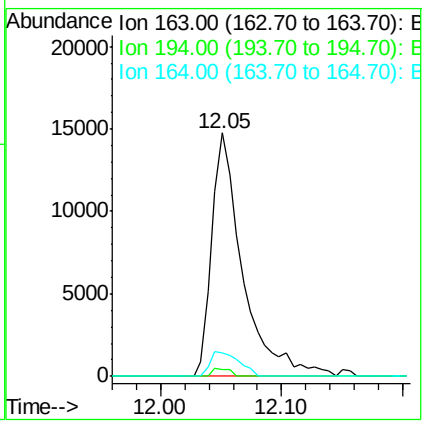


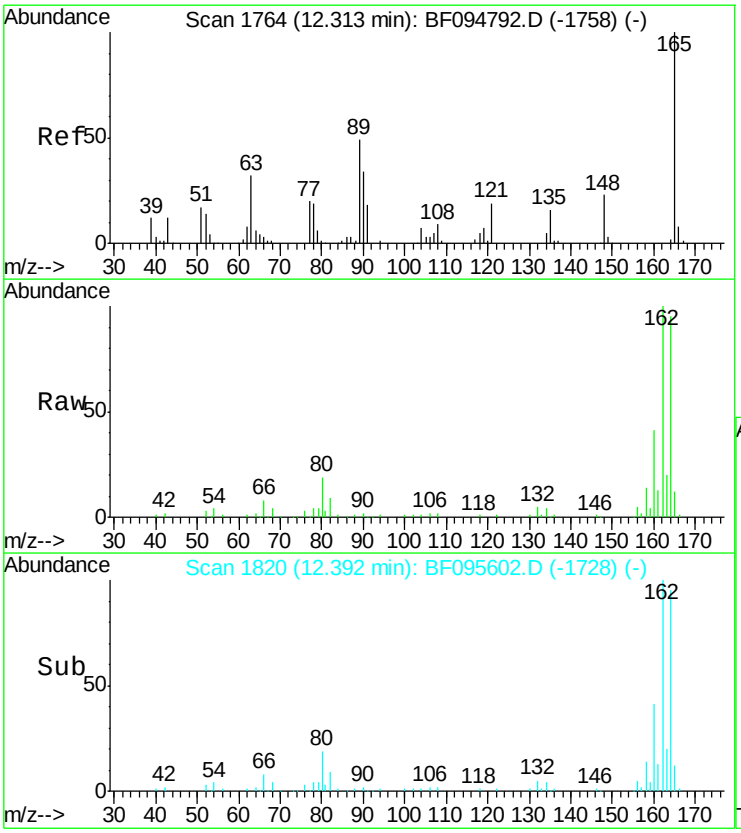
#49
Dimethylphthalate
Concen: 2.195 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:163 Resp: 26184

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.7	8.4	12.6

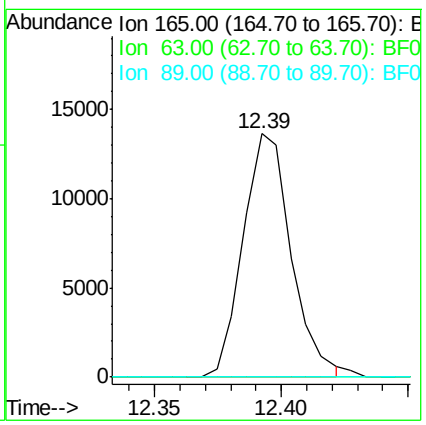


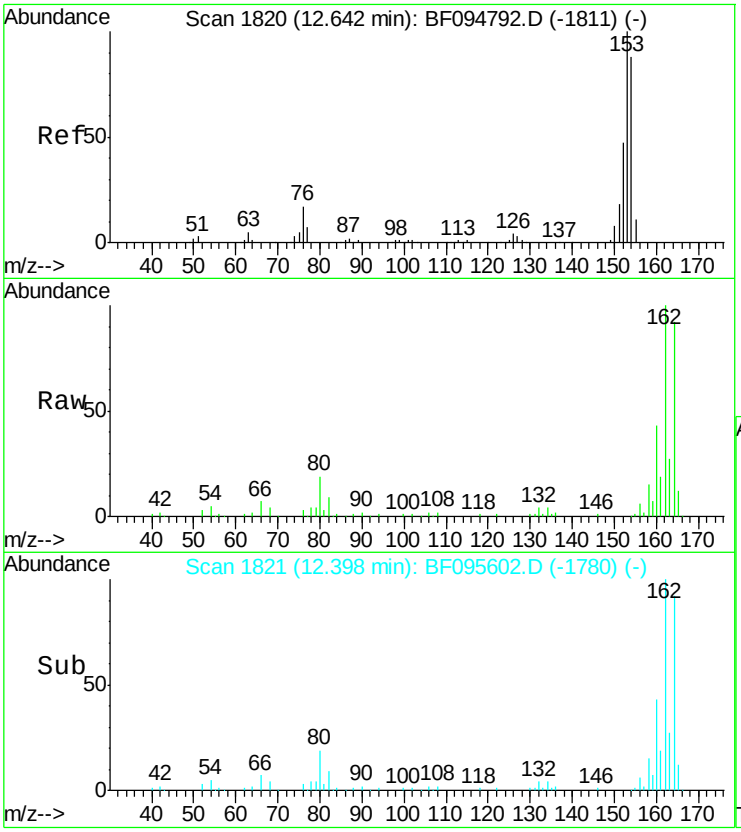


#50
2,6-Dinitrotoluene
Concen: 7.408 ng
RT: 12.39 min Scan# 1820
Delta R.T. 0.24 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:165 Resp: 18030

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



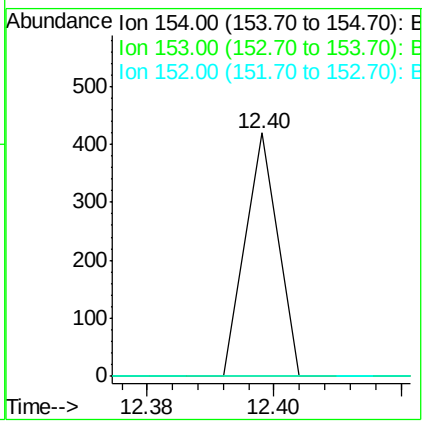


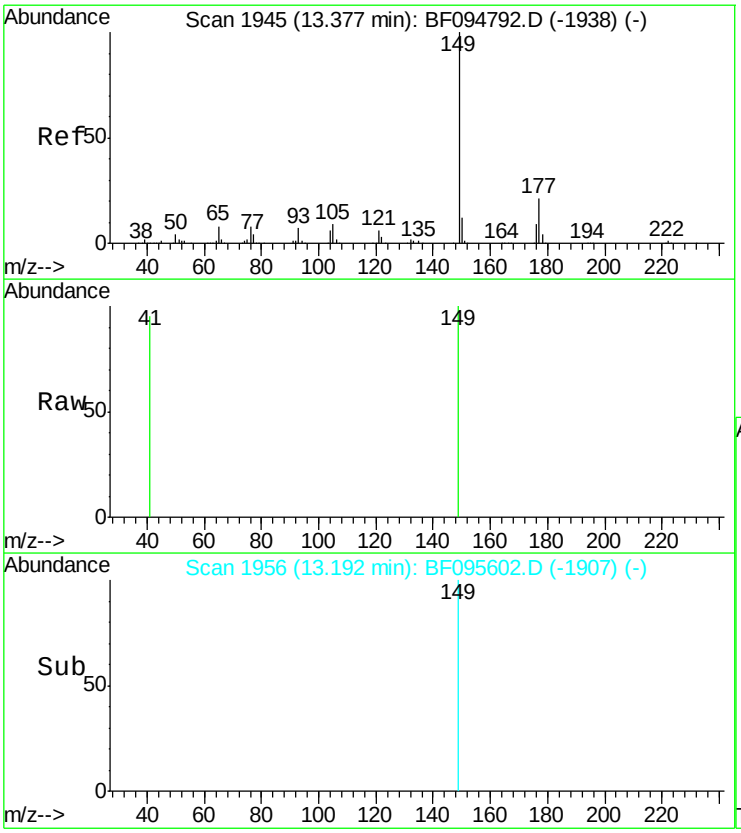
#51
Acenaphthene
Concen: 0.016 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.06 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:154 Resp: 148

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

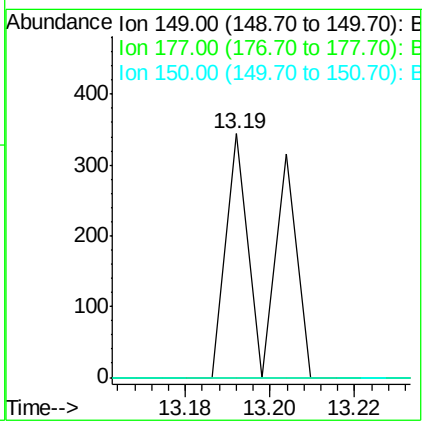


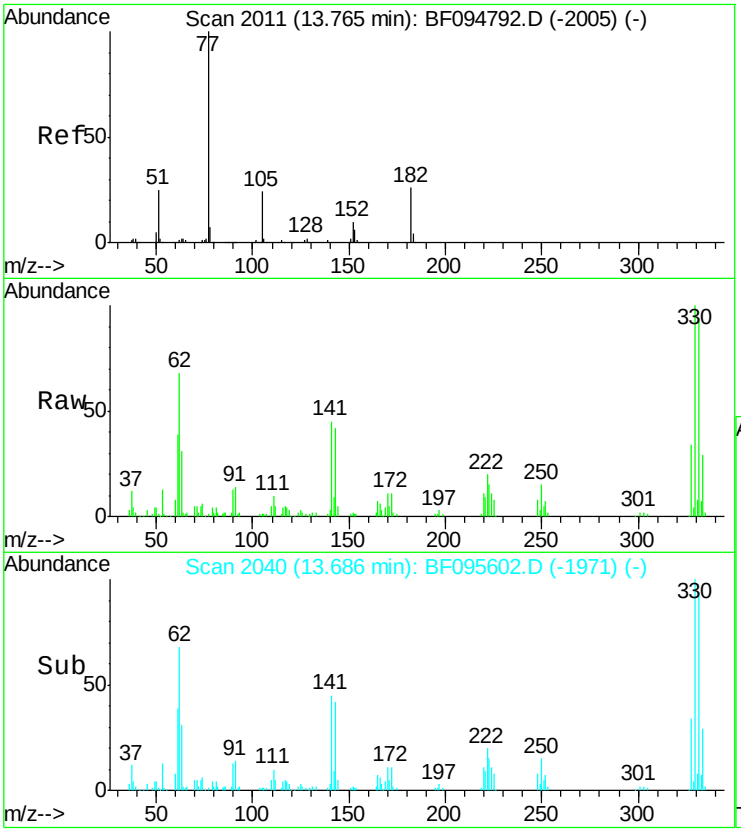


#59
Diethylphthalate
Concen: 0.020 ng
RT: 13.19 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:149 Resp: 233

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



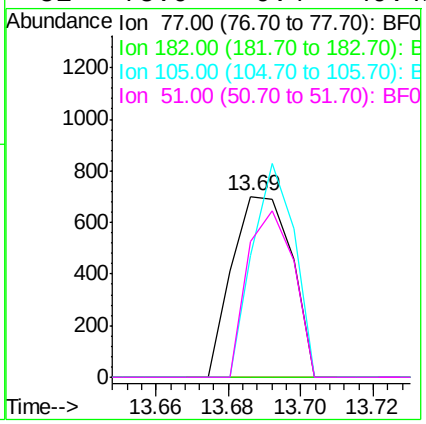


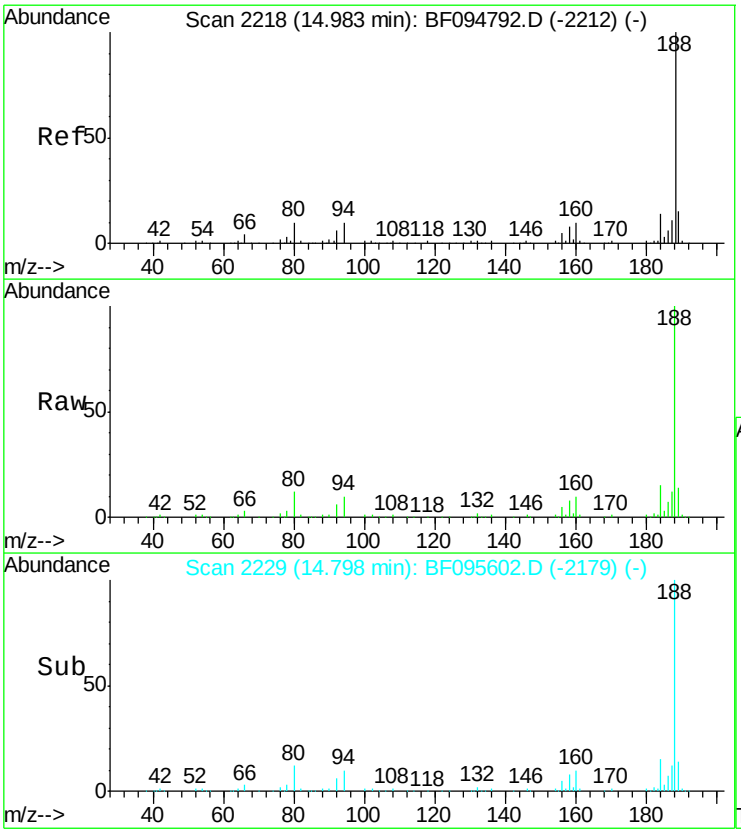
#62
Azobenzene
Concen: 0.087 ng
RT: 13.69 min Scan# 2040
Delta R.T. 0.11 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion: 77 Resp: 797

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	67.0	3.6	43.6#
51	75.0	9.4	49.4#

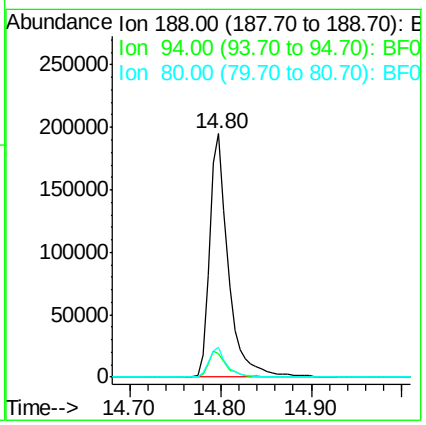


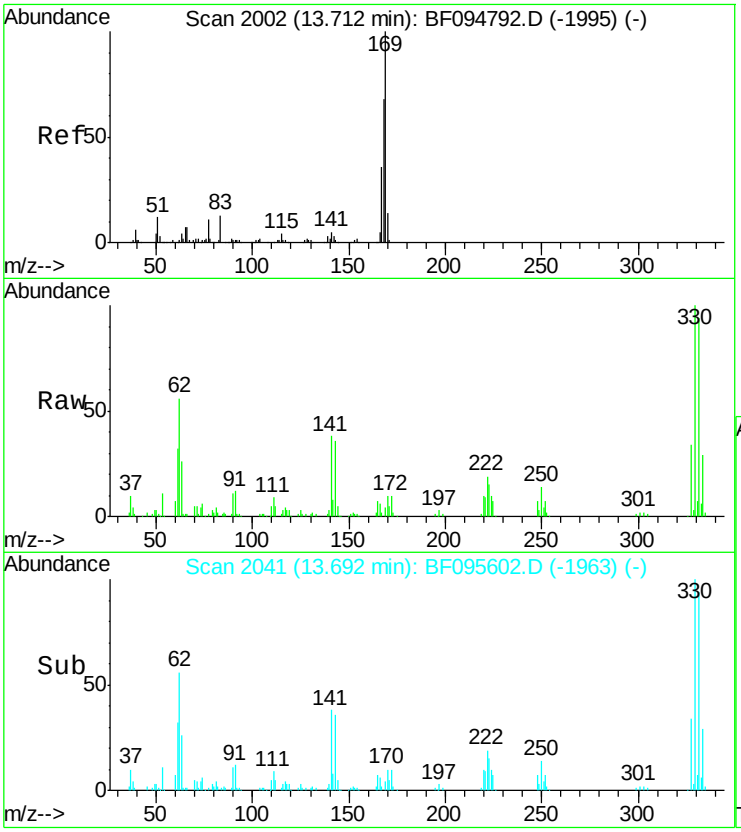


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:188 Resp: 280539

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	12.2	10.2	15.2



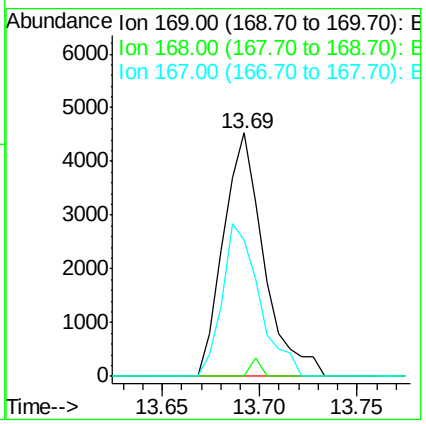


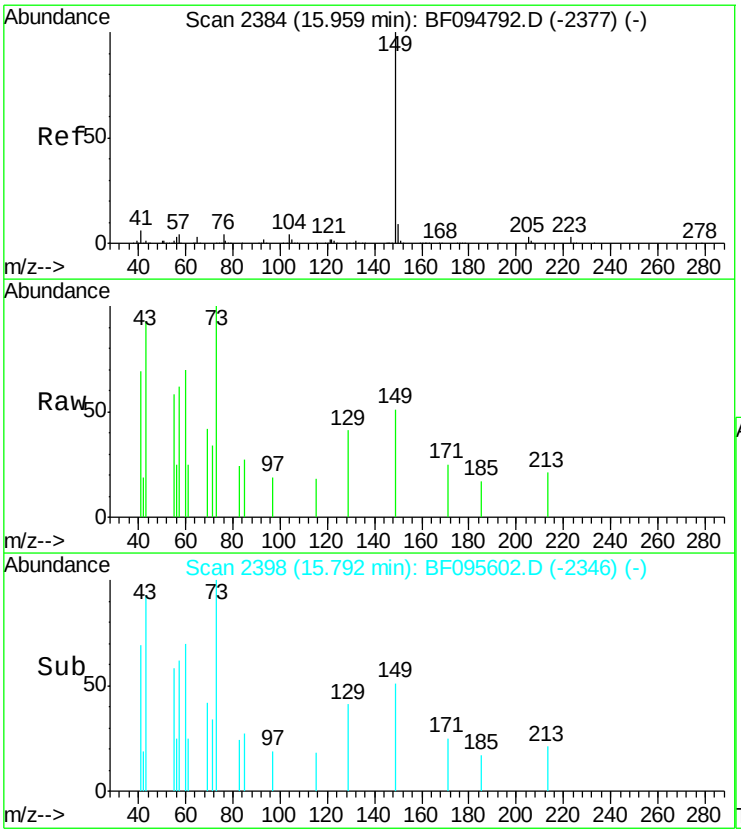
#65
n-Nitrosodiphenylamine
Concen: 0.639 ng
RT: 13.69 min Scan# 2041
Delta R.T. 0.16 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:169 Resp: 6502

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.2	79.8#
167	55.7	29.5	44.3#

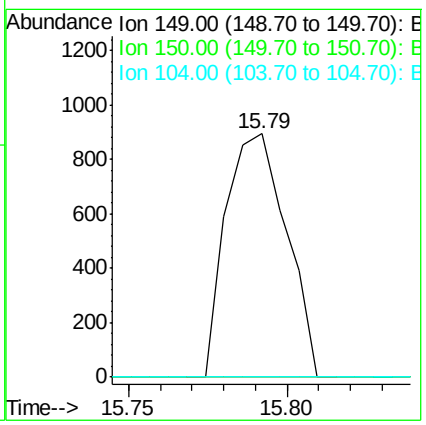


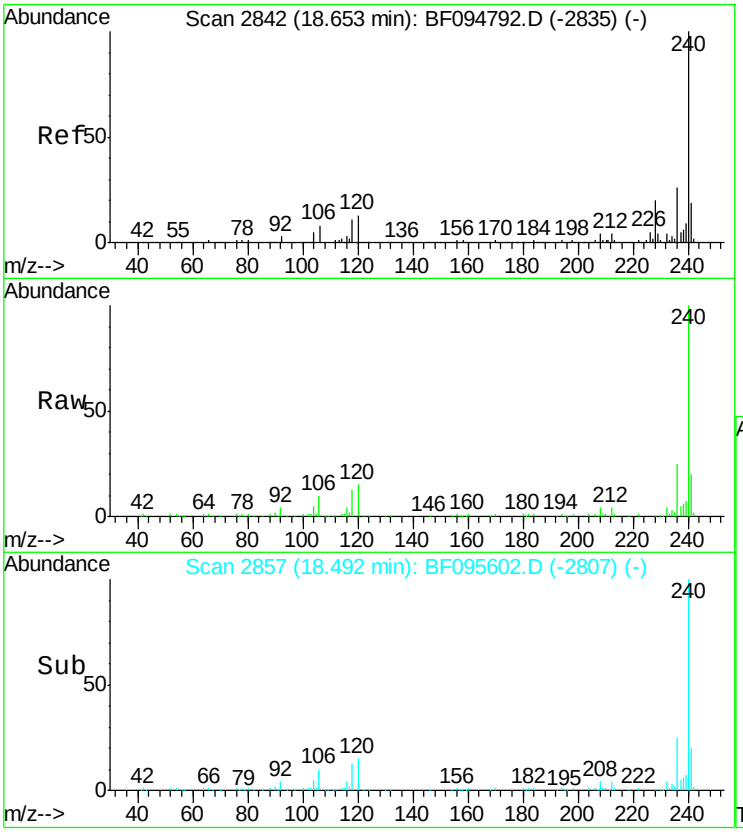


#73
Di-n-butylphthalate
Concen: 0.063 ng
RT: 15.79 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:149 Resp: 1179

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



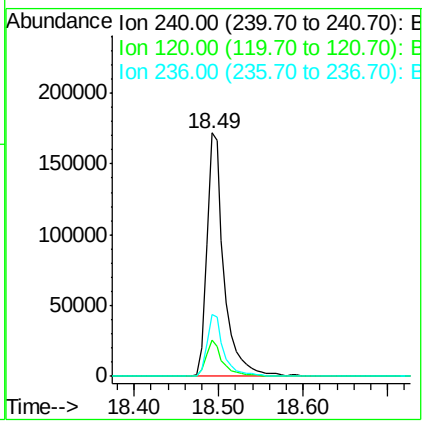


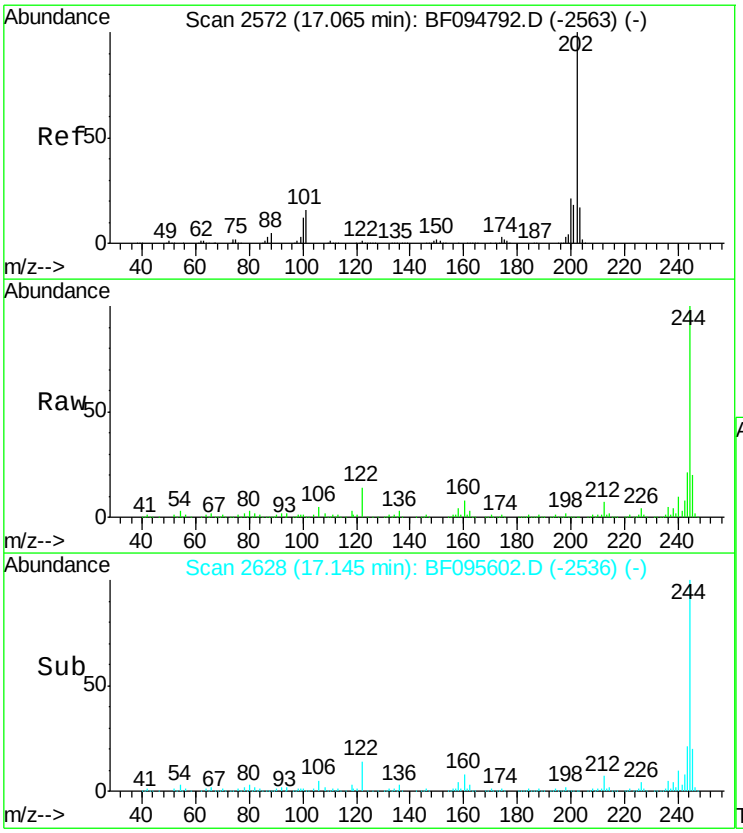
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:240 Resp: 245213

Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.3	20.5	30.7

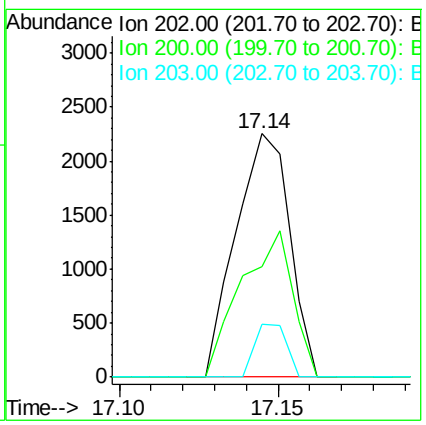


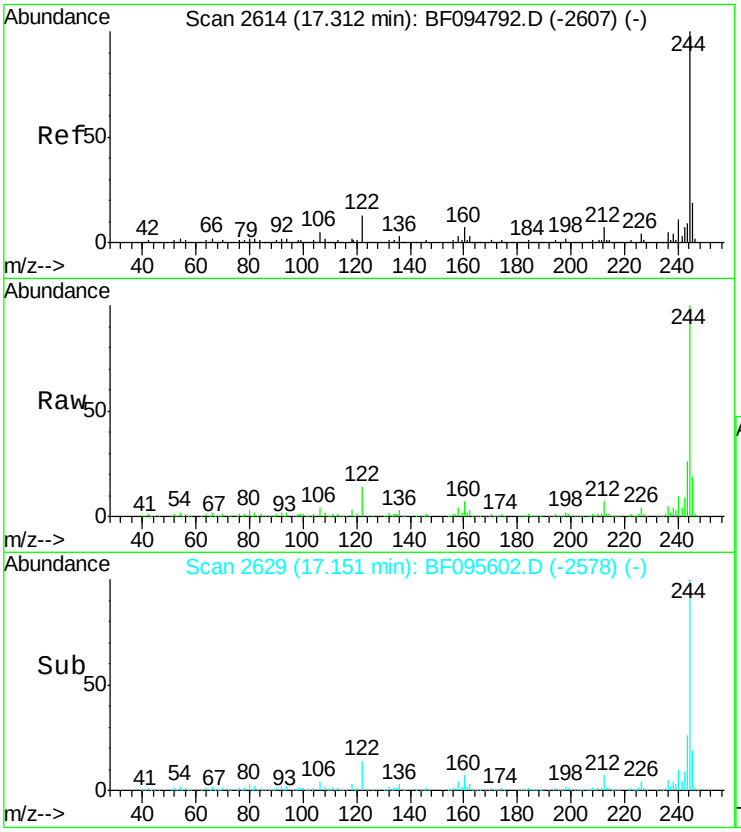


#77
Pyrene
Concen: 0.144 ng
RT: 17.14 min Scan# 2628
Delta R.T. 0.24 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:202 Resp: 2646

Ion	Ratio	Lower	Upper
202	100		
200	45.1	17.6	26.4#
203	21.6	14.4	21.6#



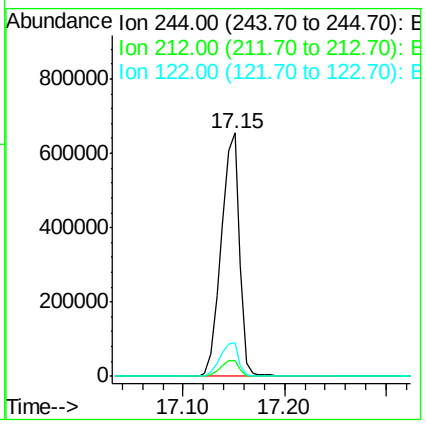


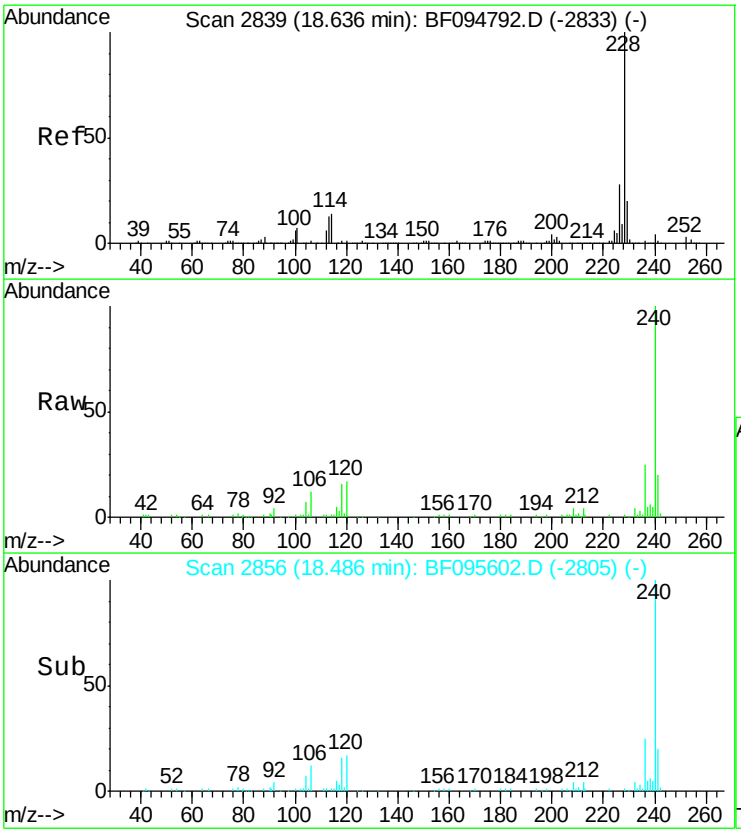
#78
Terphenyl-d14
Concen: 73.612 ng
RT: 17.15 min Scan# 2629
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:244 Resp: 819529

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	13.7	10.3	15.5

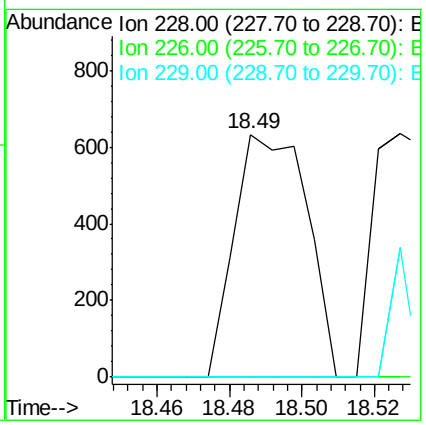


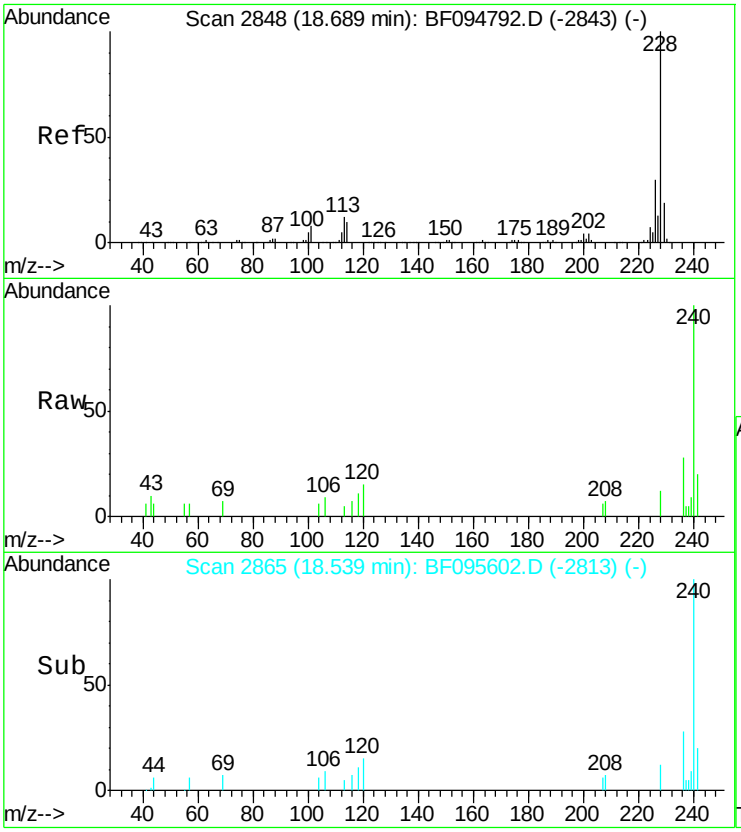


#80
Benzo(a)anthracene
Concen: 0.062 ng
RT: 18.49 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:228 Resp: 880

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



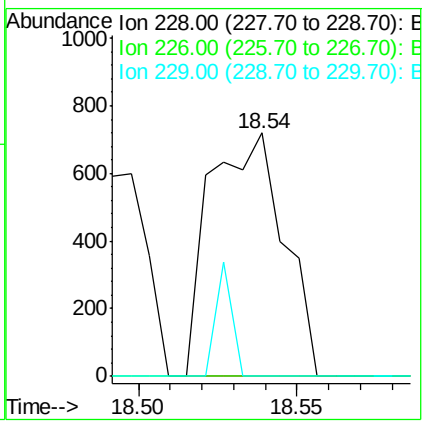


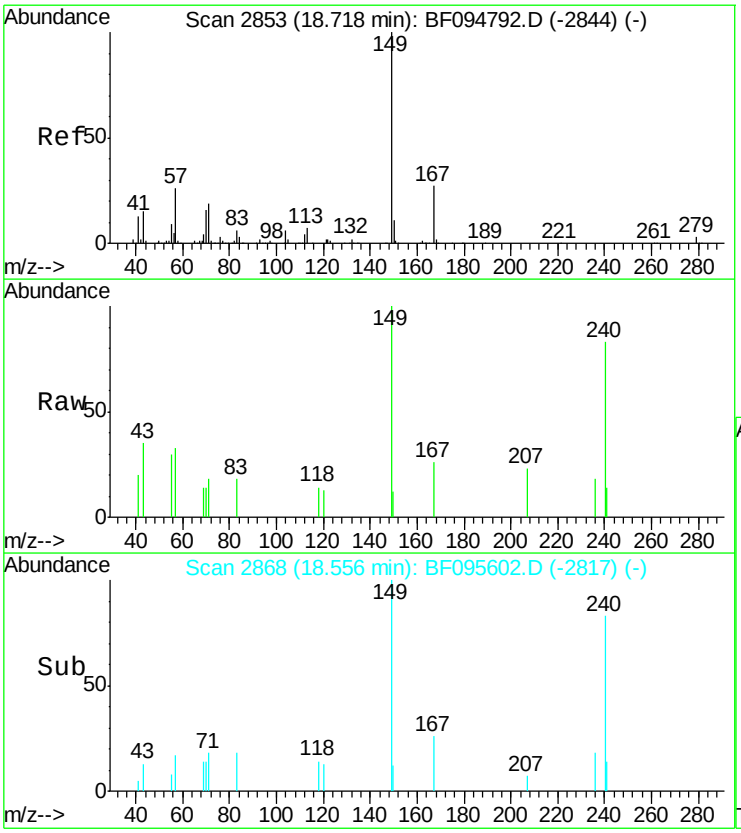
#82
Chrysene
Concen: 0.084 ng
RT: 18.54 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:228 Resp: 1166

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

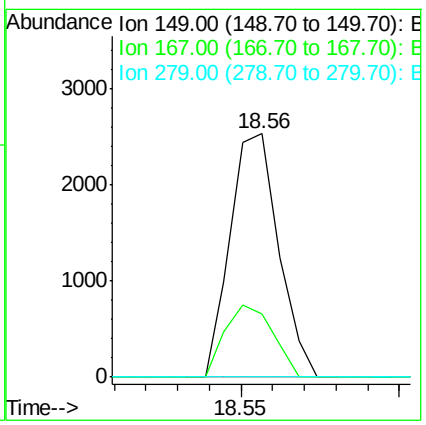


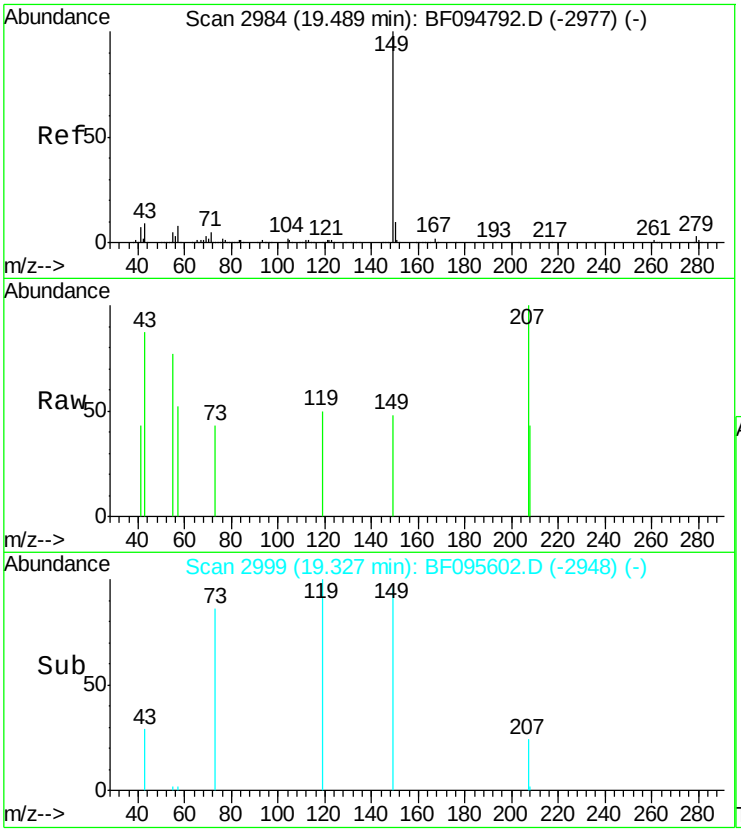


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.220 ng
RT: 18.56 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:149 Resp: 2679

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.4
279	0.0	1.9	2.9#



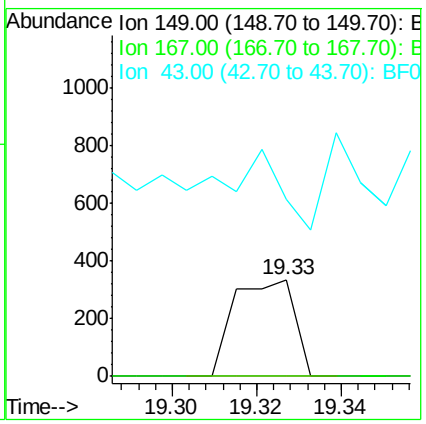


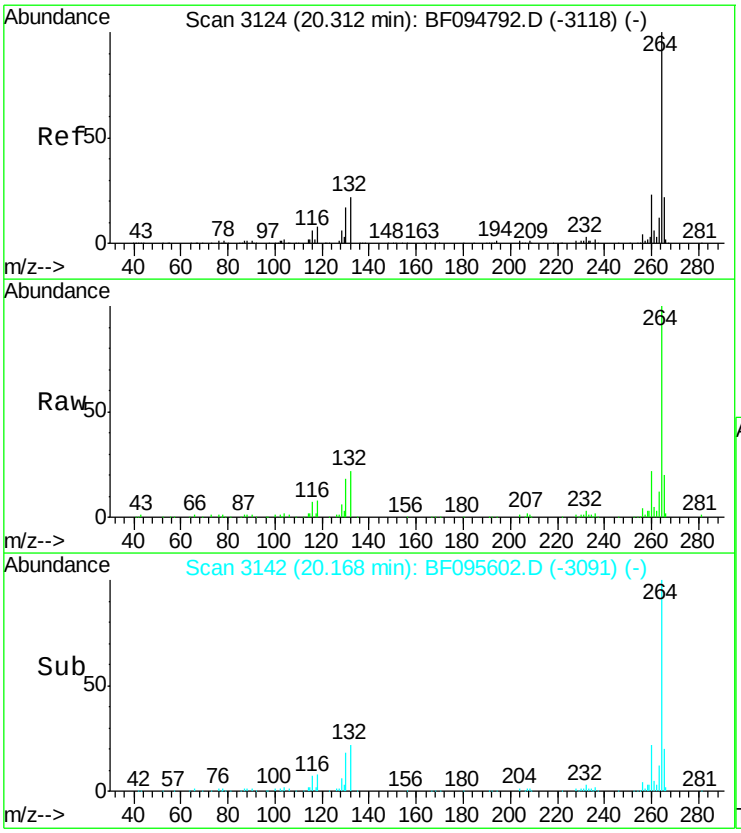
#84
Di-n-octyl phthalate
Concen: 0.017 ng
RT: 19.33 min Scan# 2999
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:149 Resp: 333

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	63.7	8.5	12.7#

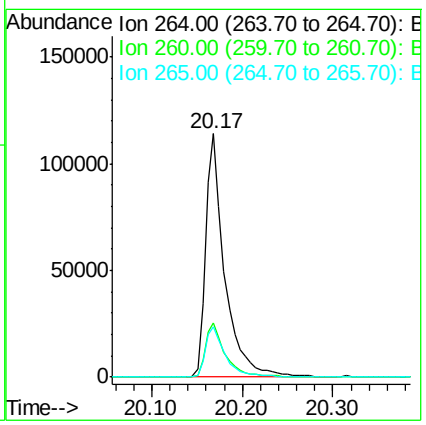


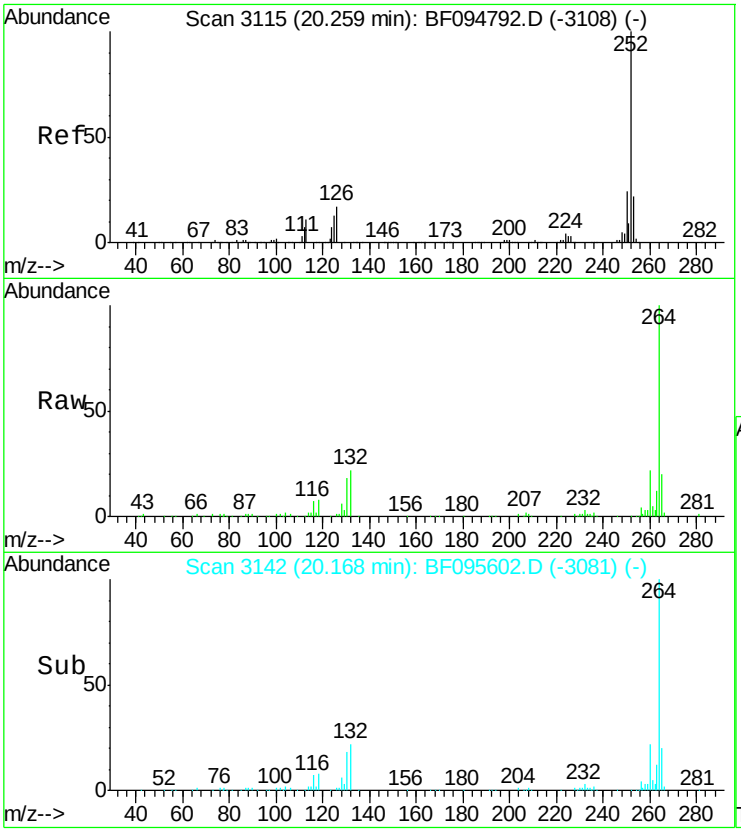


#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Tgt Ion:264 Resp: 168149

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.4	17.2	25.8





#89
Benzo(a)pyrene
Concen: 0.048 ng
RT: 20.17 min Scan# 3142
Delta R.T. 0.06 min
Lab File: BF095602.D
Acq: 1 Jun 2017 19:09

Instrument :
BNA_F
ClientSampleId :
S22-0021

Tgt Ion:252 Resp: 457

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