

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116018.D
 Acq On : 6 Aug 2019 17:35
 Operator : HP/JU
 Sample : K4130-40
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-H-(0-30)-COMP

Quant Time: Aug 07 04:23:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137657	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	528326	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	283848	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	523957	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	398051	20.00	ng	-0.03
87) Perylene-d12	15.46	264	412119	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	953310	115.93	ng	0.01
7) Phenol-d6	6.48	99	1133529	109.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	884302	96.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	400764	145.63	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1512275	99.79	ng	-0.02
79) Terphenyl-d14	12.95	244	1843300	97.58	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.33	42	110	0.024	ng	# 1
6) Aniline	6.62	93	1388	0.093	ng	# 1
8) 2-Chlorophenol	6.63	128	119	0.013	ng	# 1
9) Benzaldehyde	6.48	77	1780	0.249	ng	# 1
10) Phenol	6.49	94	2015	0.165	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1388	0.155	ng	# 1
15) Benzyl Alcohol	7.00	79	14179	1.801	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.06	45	239	0.020	ng	# 65
22) Acetophenone	7.26	105	598	0.052	ng	# 52
24) Nitrobenzene	7.40	77	2467	0.250	ng	# 37
31) Naphthalene	8.15	128	4388	0.176	ng	# 96
33) 4-Chloroaniline	8.19	127	106	0.010	ng	# 47
37) 2-Methylnaphthalene	8.84	142	933	0.057	ng	# 86
38) 1-Methylnaphthalene	8.94	142	531	0.034	ng	# 87
46) 1,1'-Biphenyl	9.30	154	3076	0.153	ng	# 97
48) 2-Nitroaniline	9.20	65	2509	0.455	ng	# 1
49) Acenaphthylene	9.91	152	605	0.025	ng	# 1
50) Dimethylphthalate	9.59	163	2719	0.141	ng	# 76
52) Acenaphthene	9.91	154	1478	0.099	ng	# 89
55) Dibenzofuran	10.09	168	1032	0.048	ng	# 86
56) 4-Nitrophenol	10.09	139	254	0.076	ng	# 8
58) Fluorene	10.43	166	1310	0.078	ng	# 89
60) Diethylphthalate	10.29	149	2998	0.166	ng	# 95
63) Azobenzene	10.66	77	2052	0.111	ng	# 15
65) 4,6-Dinitro-2-methylphenol	10.67	198	841	0.303	ng	# 1
66) n-Nitrosodiphenylamine	10.67	169	11502	0.729	ng	# 46
71) Phenanthrene	11.39	178	5163	0.193	ng	# 96
72) Anthracene	11.39	178	5163	0.190	ng	# 97
73) Carbazole	11.62	167	419	0.017	ng	# 58
74) Di-n-butylphthalate	11.92	149	7993	0.279	ng	# 99
75) Fluoranthene	12.58	202	1744	0.062	ng	# 86
77) Benzydine	12.94	184	25264	1.879	ng	# 93
78) Pvrene	12.58	202	1744	0.058	ng	# 97
80) Butylbenzylphthalate	13.41	149	307	0.024	ng	# 49

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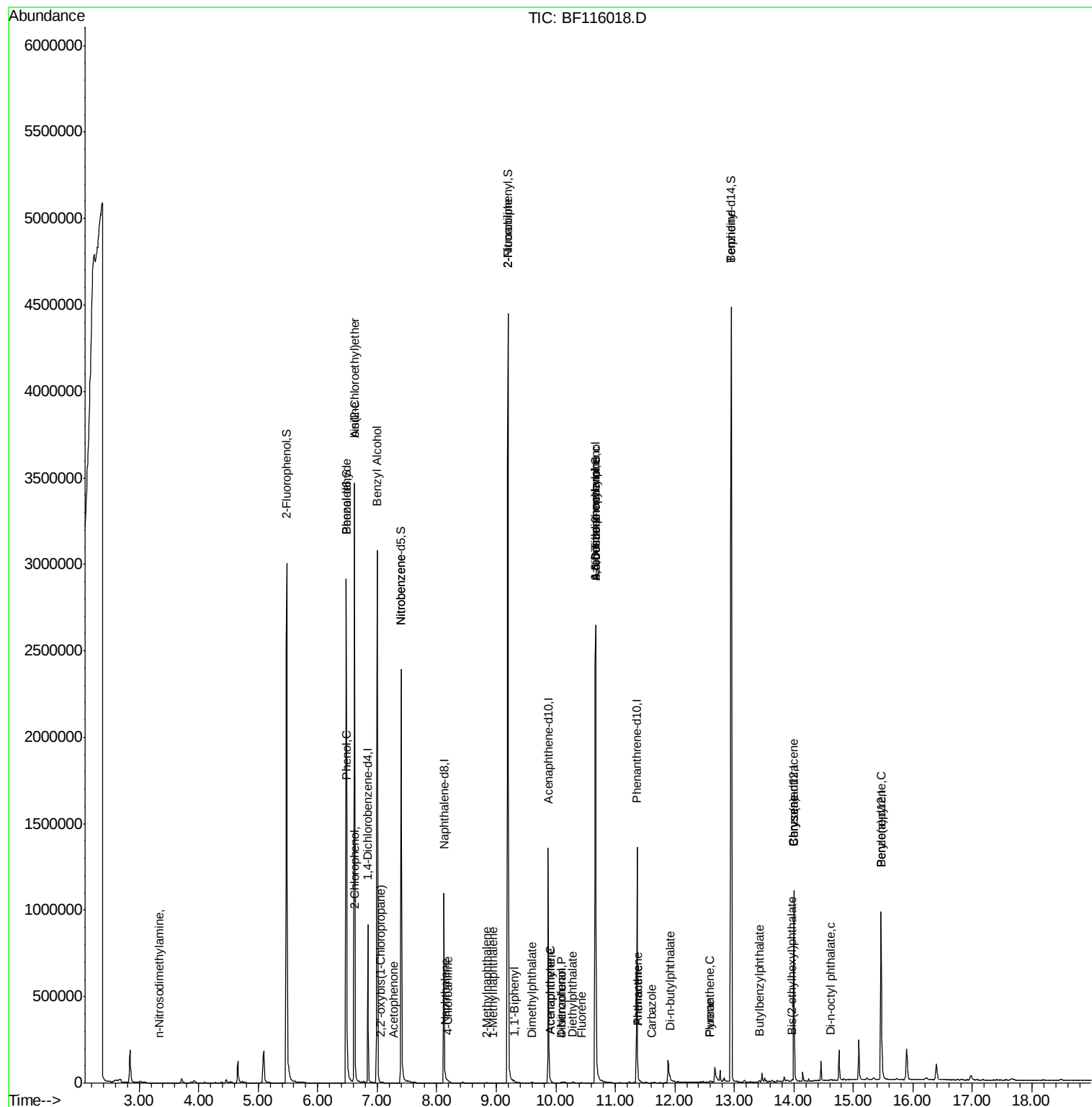
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	14.00	228	1319	0.052	ng	# 56
83) Chrysene	14.00	228	1319	0.053	ng	# 55
84) Bis(2-ethylhexyl)phthalate	13.97	149	2324	0.141	ng	# 87
85) Di-n-octyl phthalate	14.62	149	494	0.019	ng	# 69
90) Benzo(a)pyrene	15.46	252	1344	0.063	ng	# 1

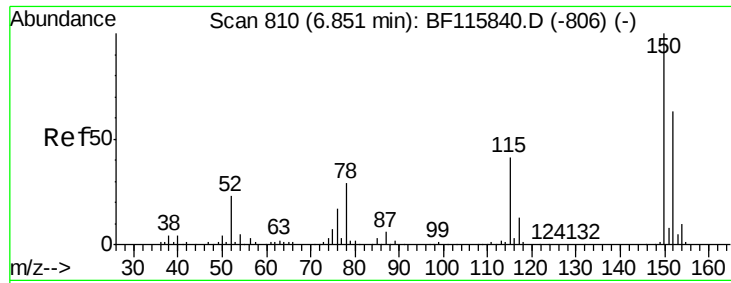
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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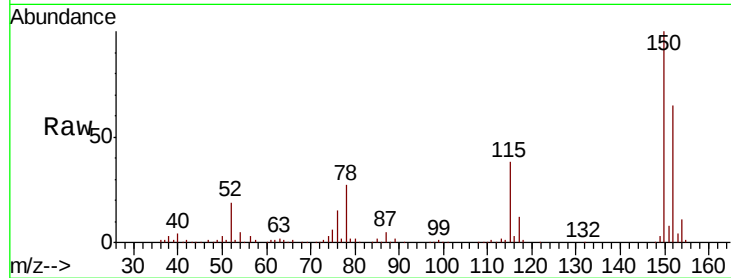


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.4	191.0
115	59.0	51.8	77.8

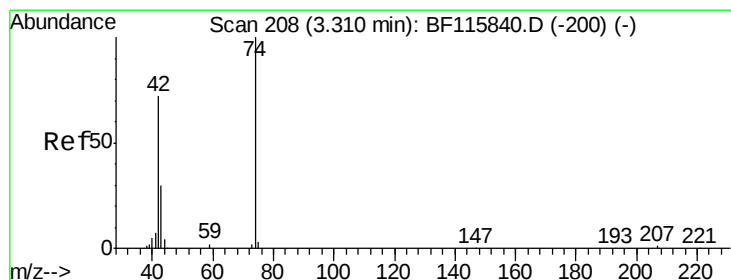
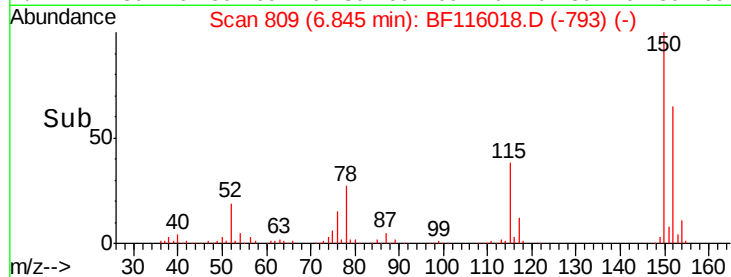
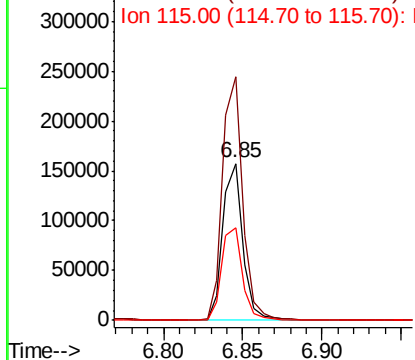


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

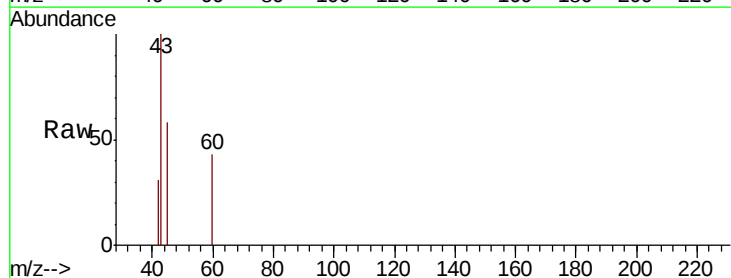
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	111.0	166.4#
44	0.0	4.7	7.1#

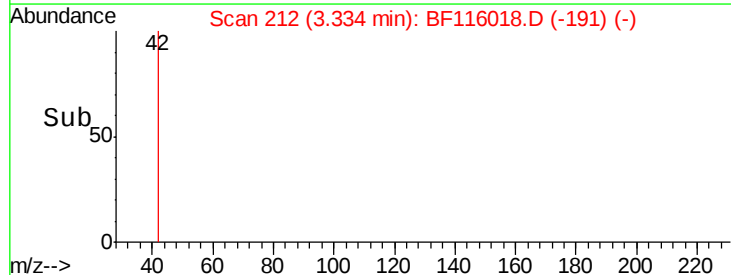
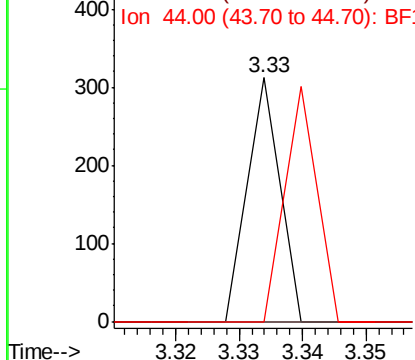


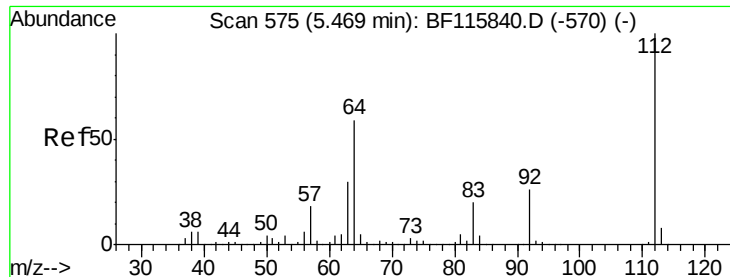
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 115.933 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

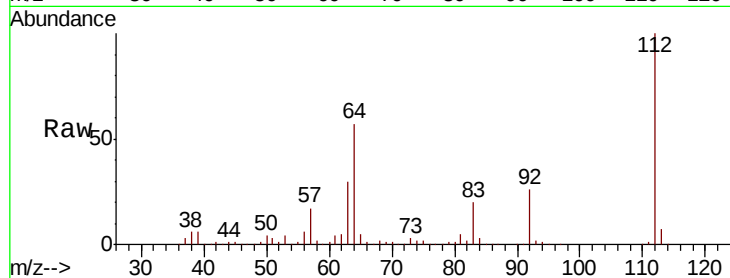
Tot Ion:112 Resp: 953310

Ion Ratio Lower Upper

112 100

64 57.4 46.8 70.2

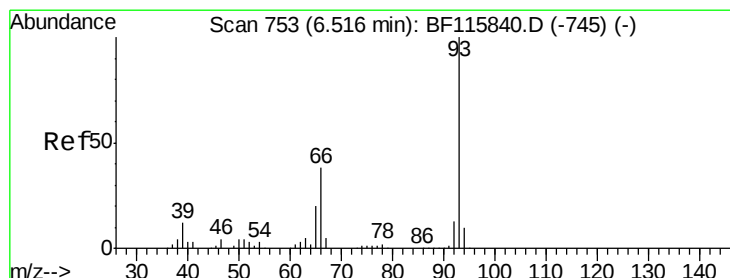
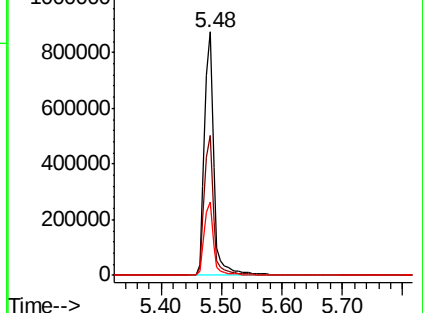
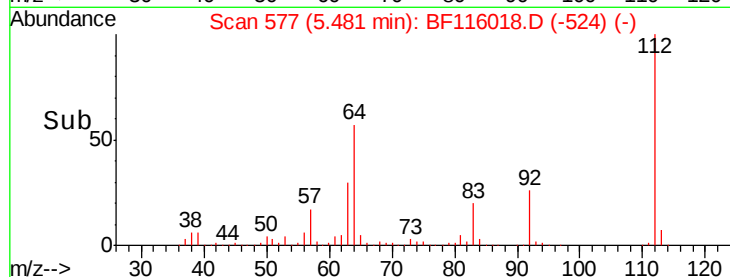
63 30.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF116018.D (-524) (-)

Ion 64.00 (63.70 to 64.70): BF116018.D (-524) (-)

Ion 63.00 (62.70 to 63.70): BF116018.D (-524) (-)



#6

Aniline

Concen: 0.093 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.10 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

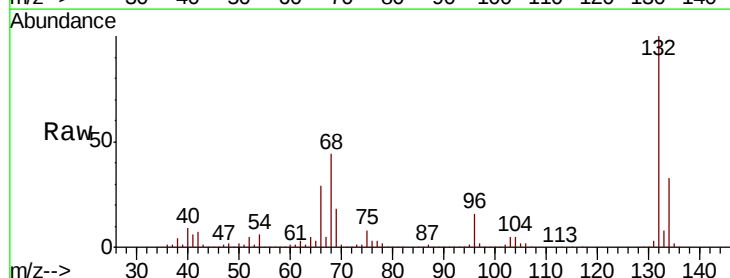
Tgt Ion: 93 Resp: 1388

Ion Ratio Lower Upper

93 100

66 20214.6 31.4 47.0#

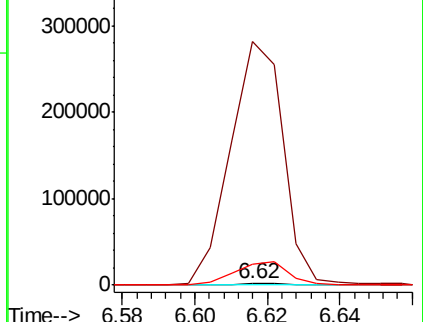
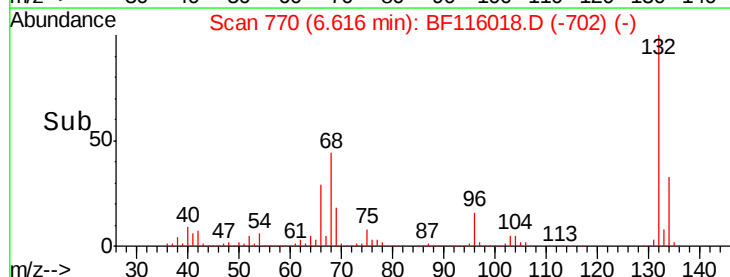
65 1777.9 16.5 24.7#

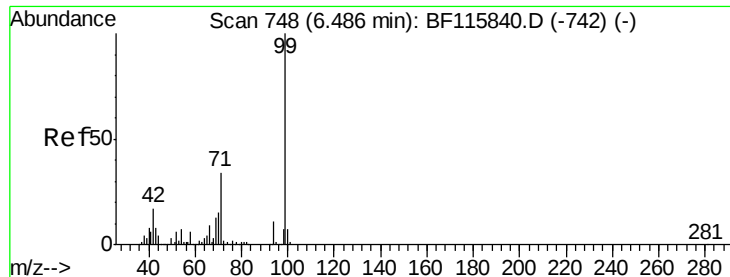


Abundance Ion 93.00 (92.70 to 93.70): BF116018.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BF116018.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BF116018.D (-702) (-)





#7

Phenol-d6

Concen: 109.259 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

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1S-H(0-30)-COMP

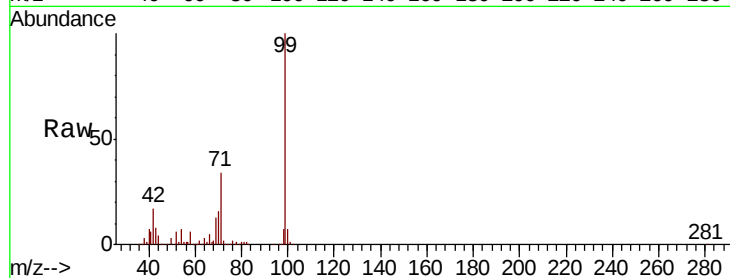
Tot Ion: 99 Resp: 1133529

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

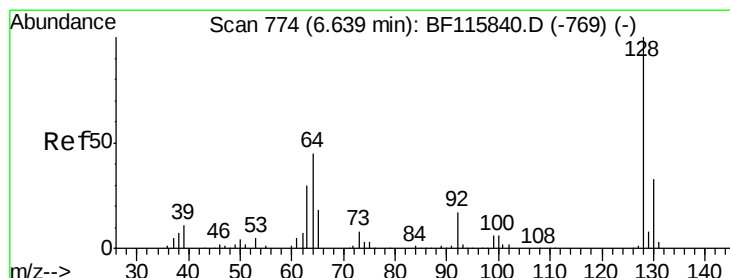
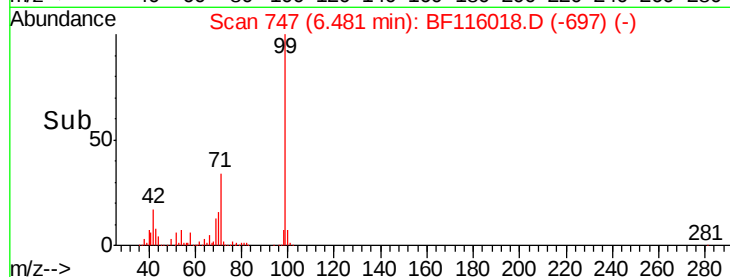
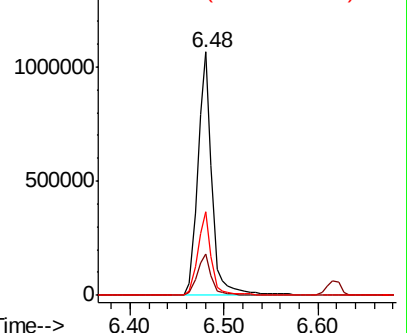
71 34.2 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.013 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

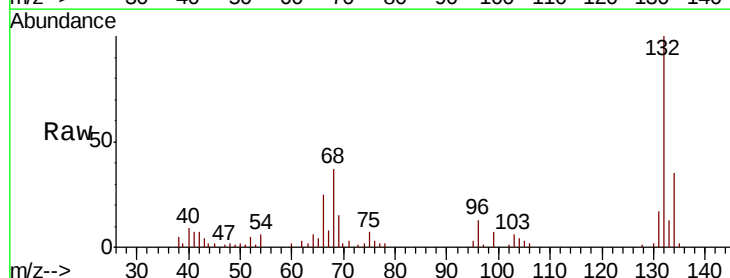
Tgt Ion:128 Resp: 119

Ion Ratio Lower Upper

128 100

130 140.9 12.9 52.9#

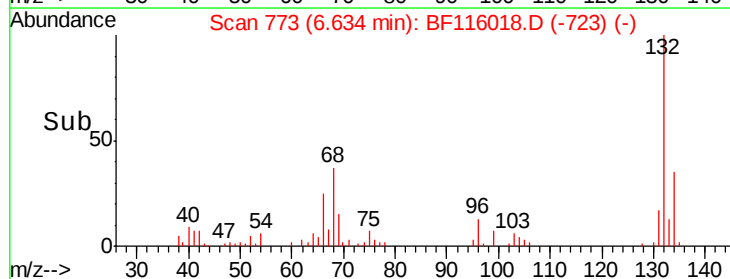
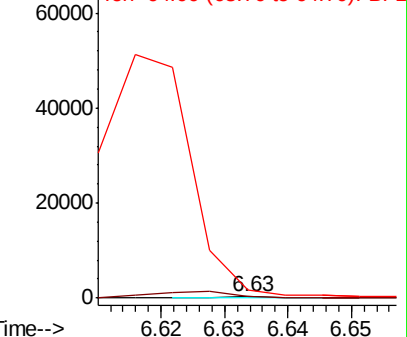
64 495.5 26.1 66.1#

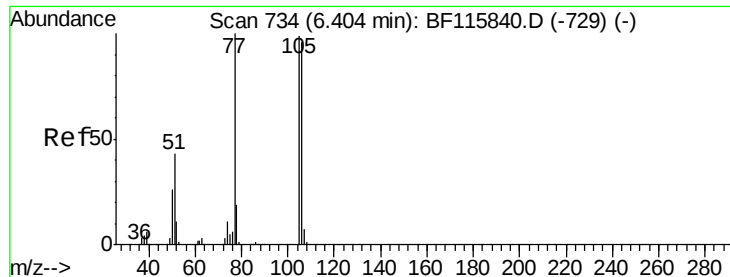


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.249 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

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1S-H(0-30)-COMP

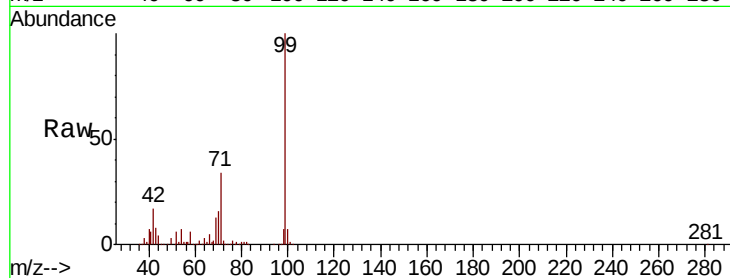
Tot Ion: 77 Resp: 1780

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

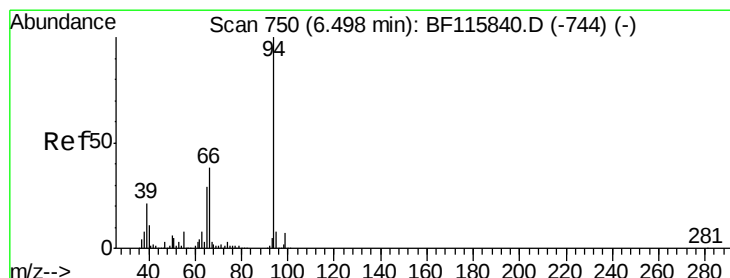
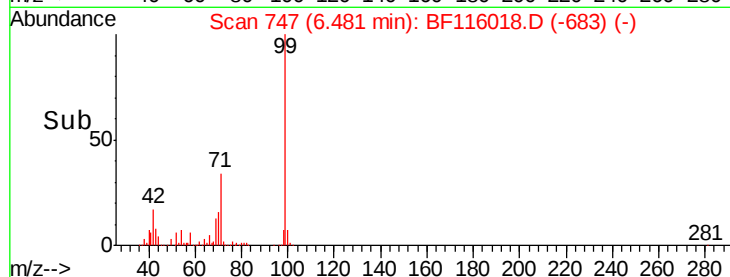
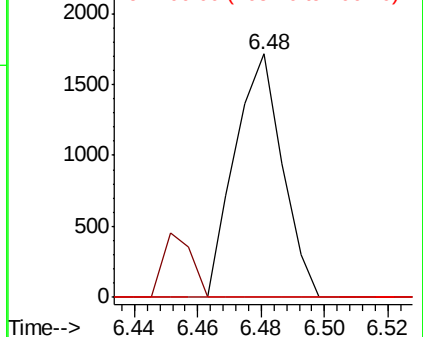
106 0.0 76.2 116.2#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 0.165 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

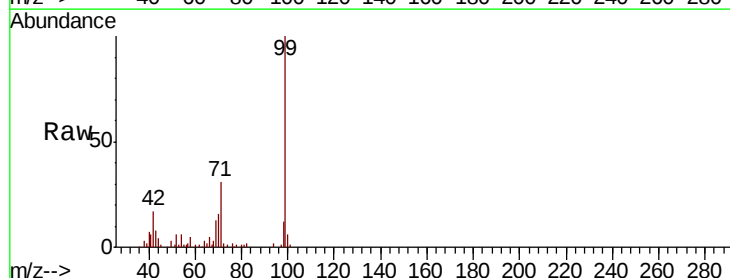
Tgt Ion: 94 Resp: 2015

Ion Ratio Lower Upper

94 100

65 83.0 8.9 48.9#

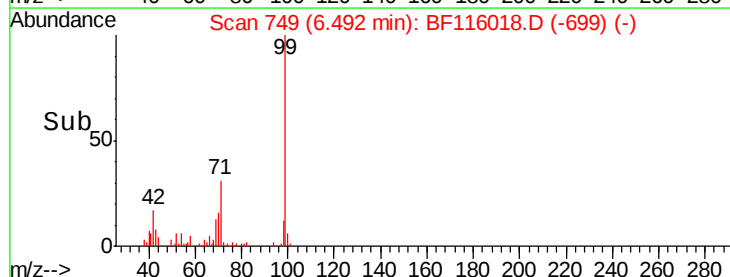
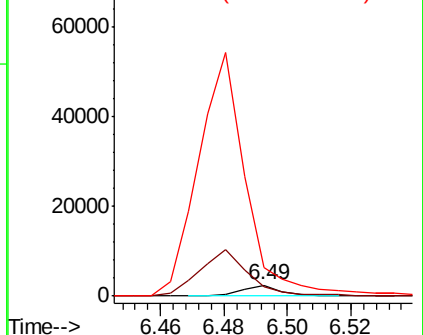
66 260.2 18.0 58.0#

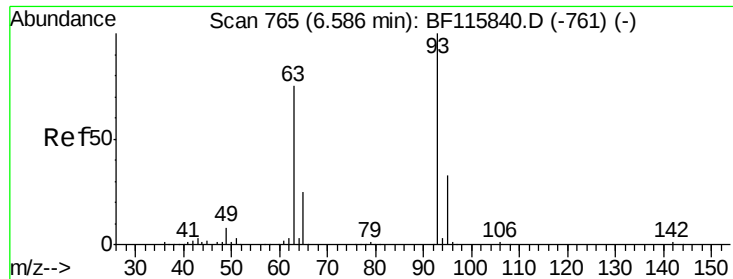


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

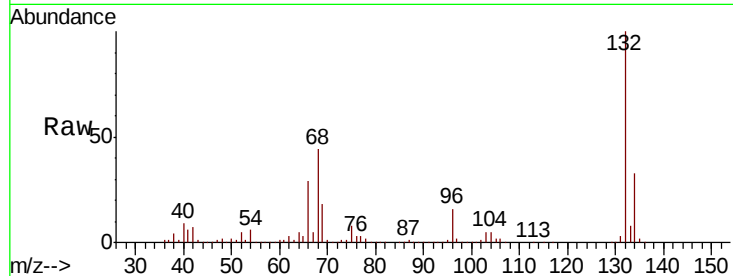




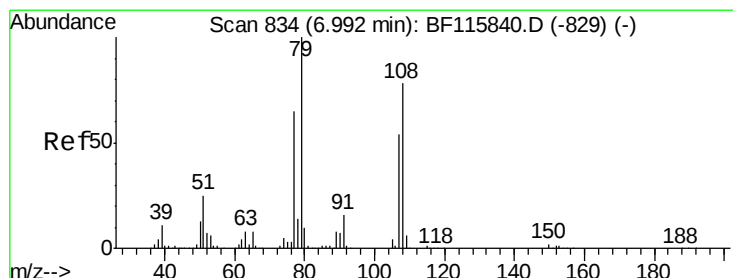
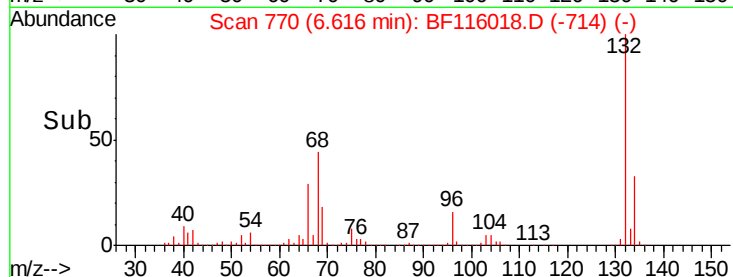
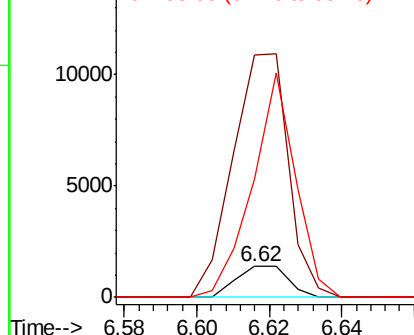
#11
bis(2-Chloroethyl)ether
Concen: 0.155 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Instrument :
BNA_F
ClientSampleId :
1S-H-(0-30)-COMP

Tot Ion: 93 Resp: 1388
Ion Ratio Lower Upper
93 100
63 782.4 54.9 94.9#
95 381.3 13.3 53.3#

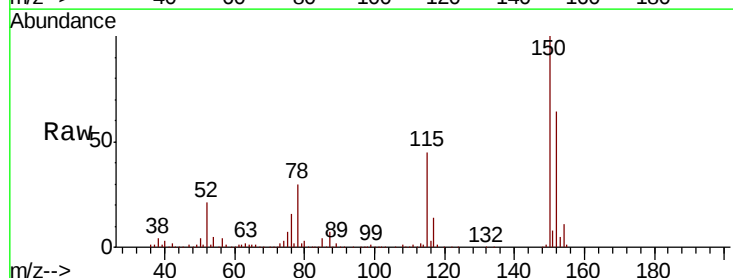


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

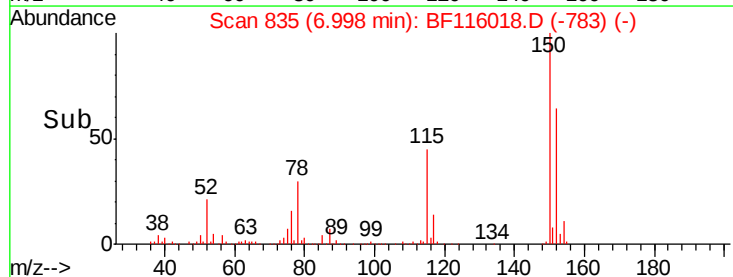
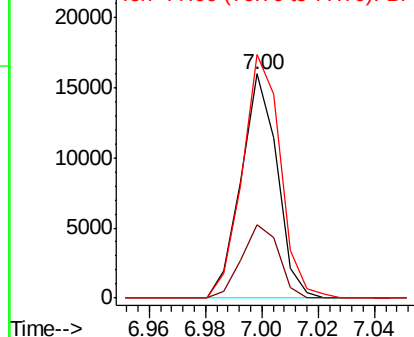


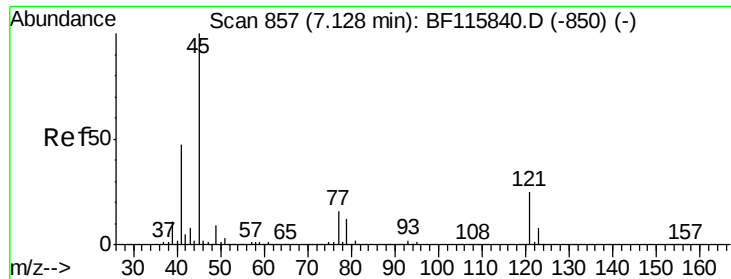
#15
Benzyl Alcohol
Concen: 1.801 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion: 79 Resp: 14179
Ion Ratio Lower Upper
79 100
108 32.5 62.8 94.2#
77 108.6 52.0 78.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

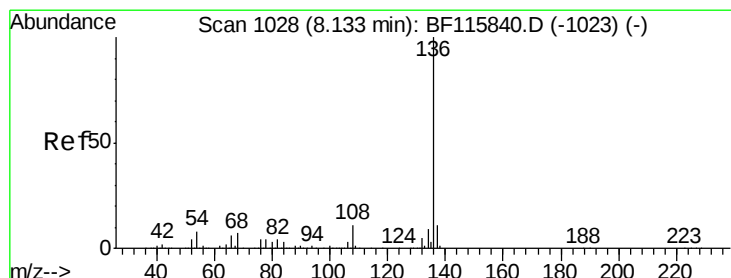
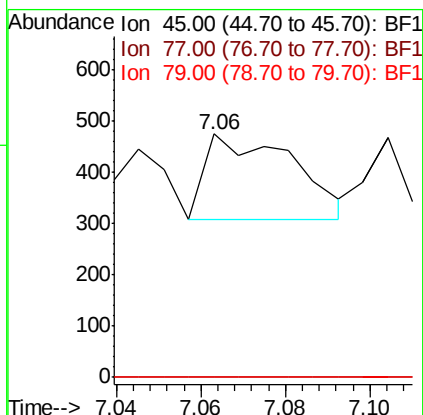
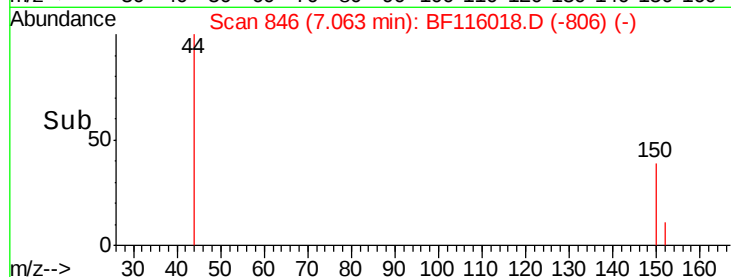
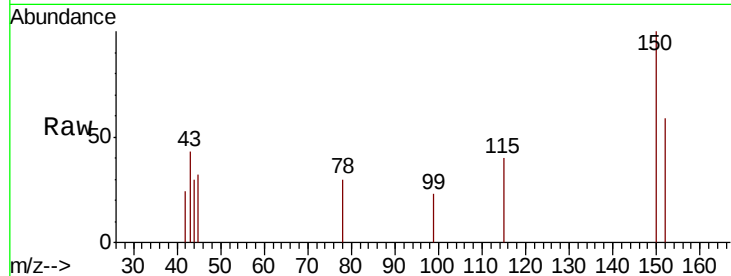




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.020 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.06 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

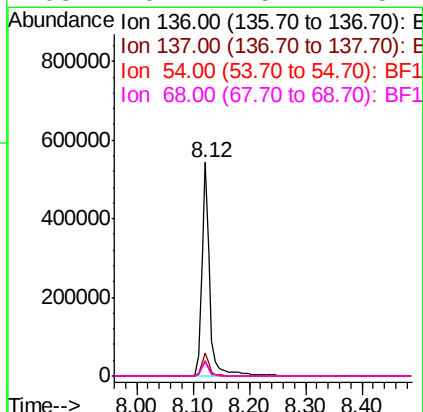
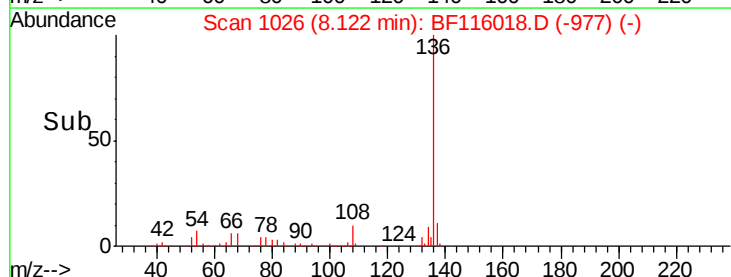
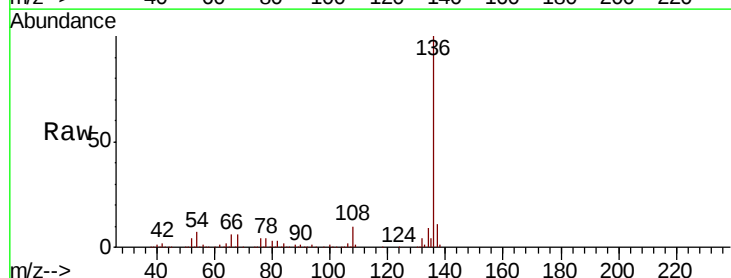
Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

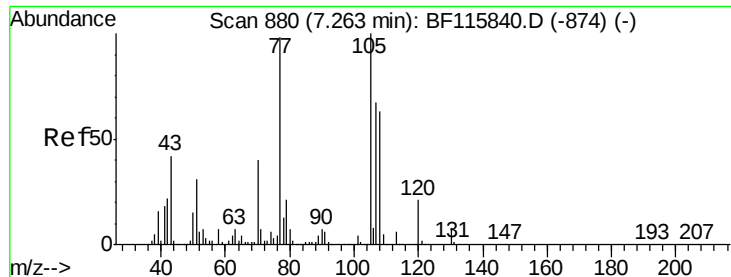
Tot Ion: 45 Resp: 239
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion: 136 Resp: 528326
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.2 6.1 9.1
68 6.4 5.4 8.2





#22

Acetophenone

Concen: 0.052 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H(0-30)-COMP

Tot Ion:105 Resp: 598

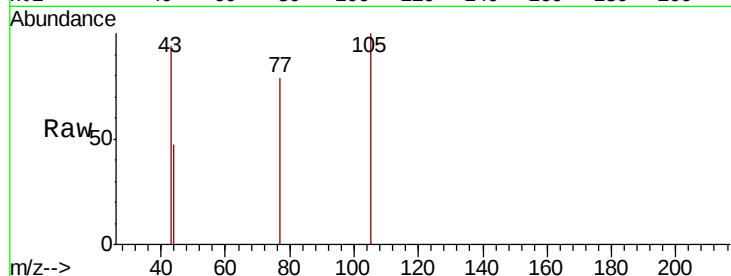
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#



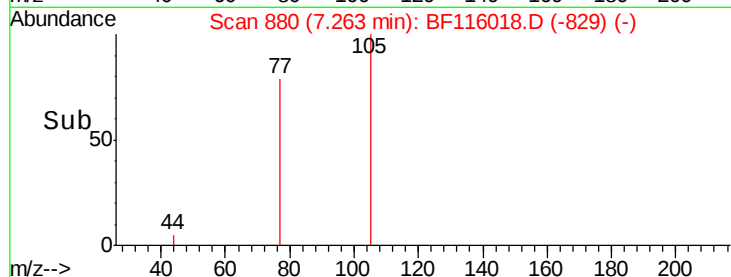
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

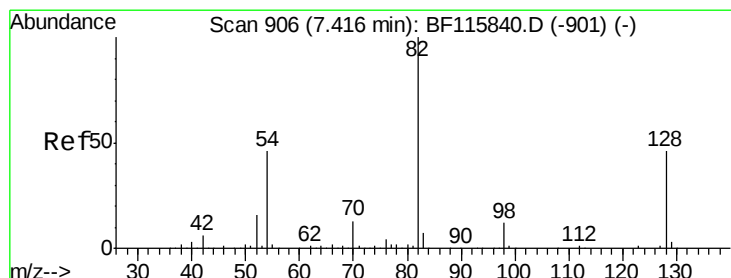
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 96.616 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

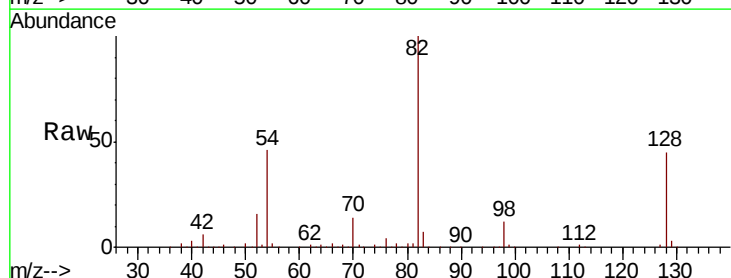
Tgt Ion: 82 Resp: 884302

Ion Ratio Lower Upper

82 100

128 44.7 36.6 55.0

54 45.6 36.6 55.0

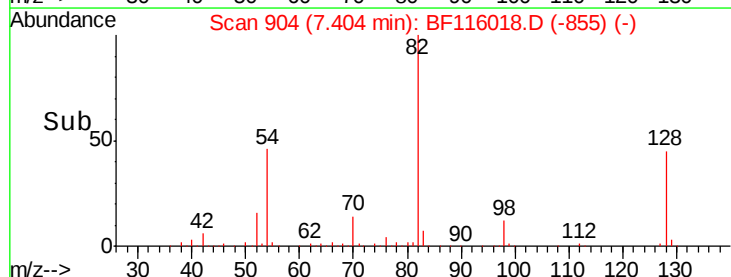


Abundance Ion 82.00 (81.70 to 82.70): BF1

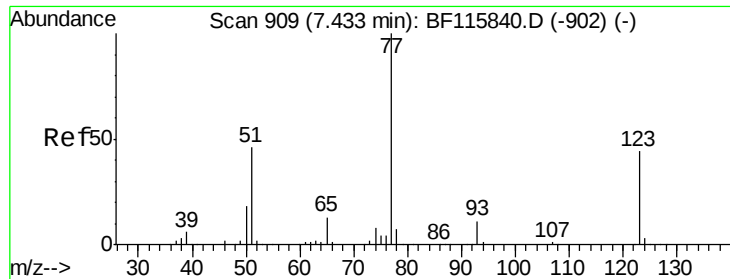
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->



Time-->



#24

Nitrobenzene

Concen: 0.250 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.03 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

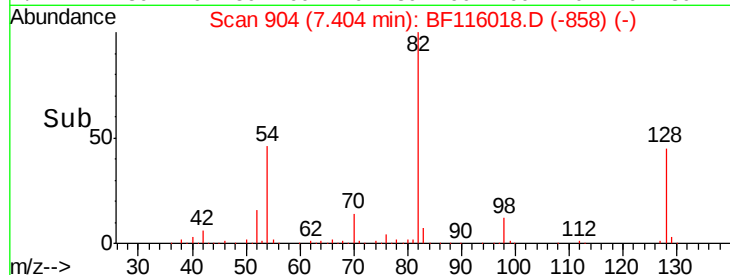
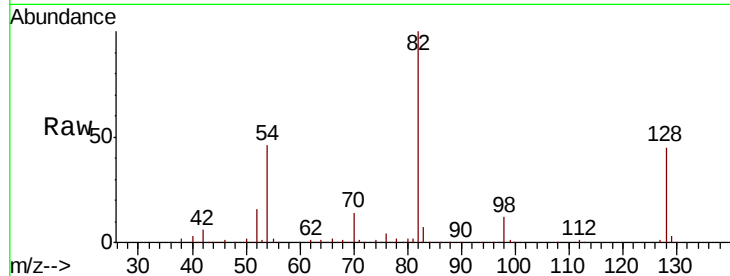
Tot Ion: 77 Resp: 2467

Ion Ratio Lower Upper

77 100

123 0.0 35.5 53.3#

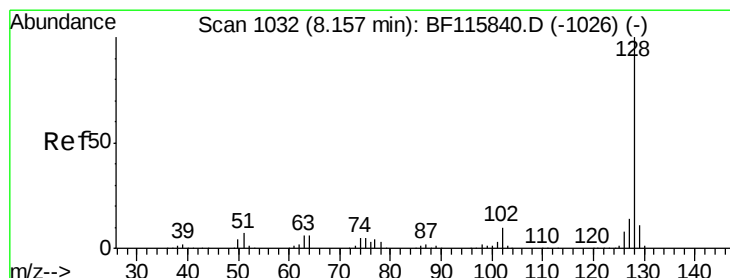
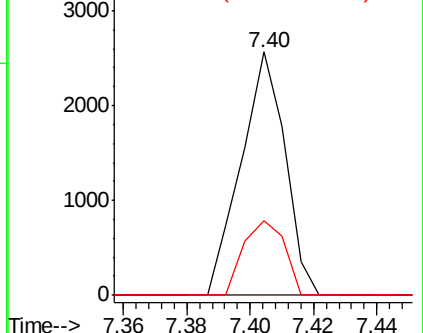
65 30.9 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF1



#31

Naphthalene

Concen: 0.176 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

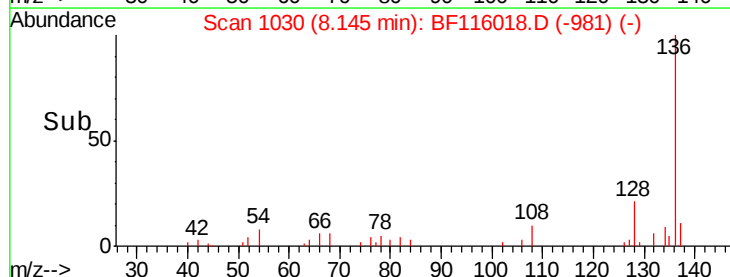
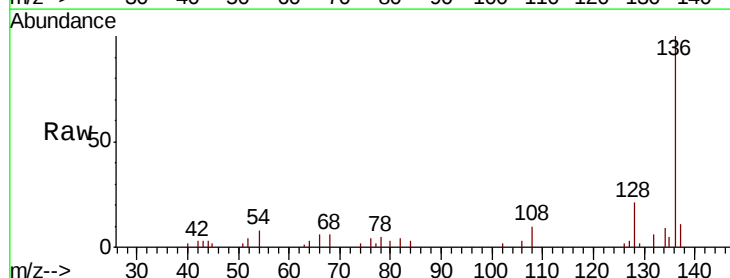
Tgt Ion: 128 Resp: 4388

Ion Ratio Lower Upper

128 100

129 8.5 9.2 13.8#

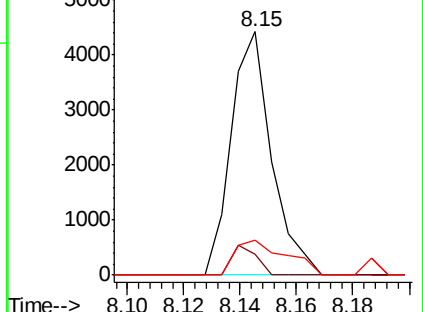
127 14.3 11.0 16.4

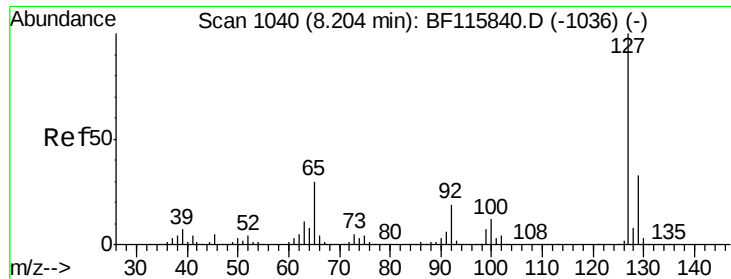


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

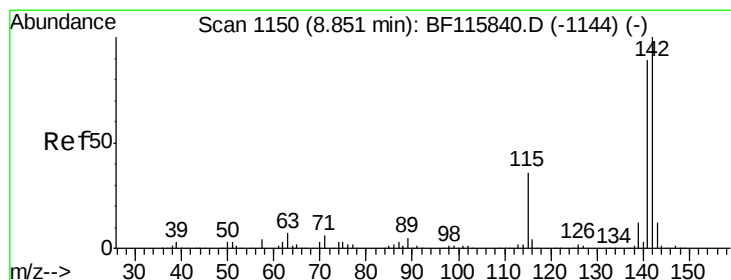
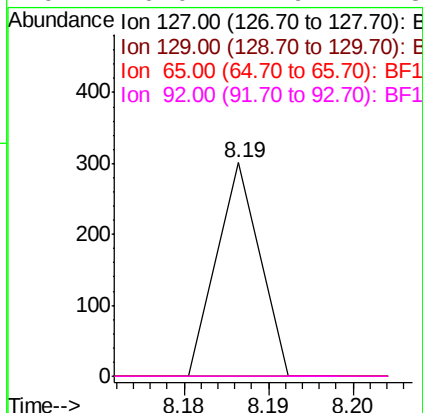
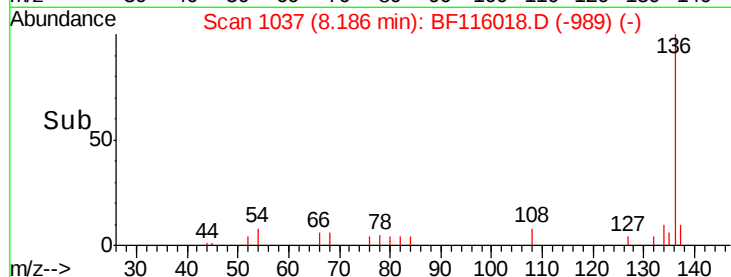
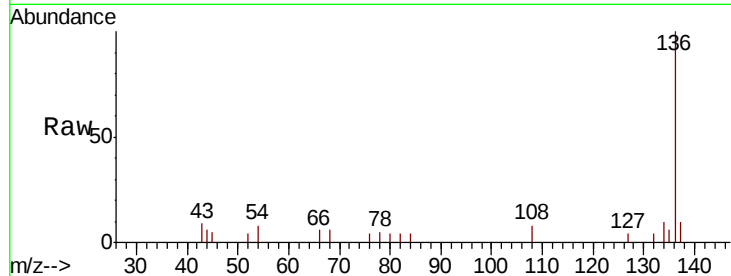




#33
4-Chloroaniline
Concen: 0.010 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

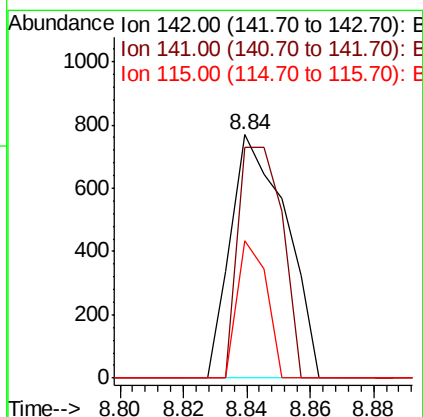
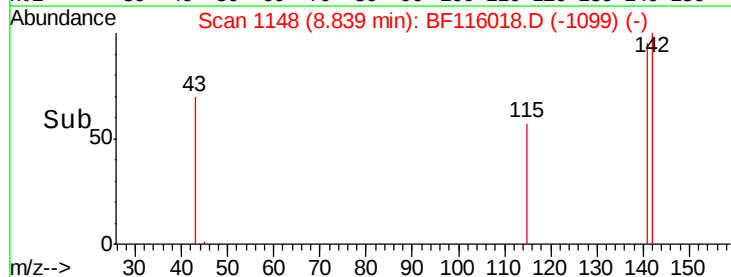
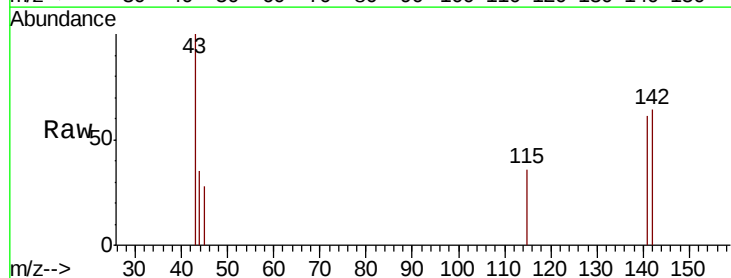
Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

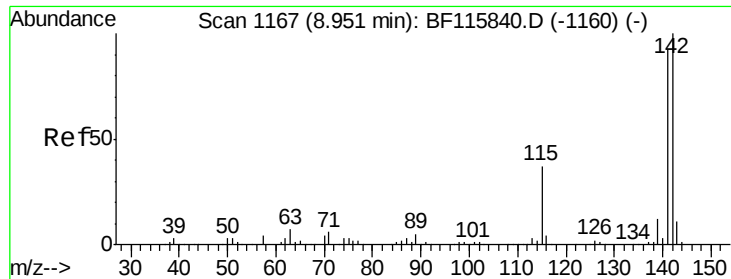
Tot Ion:	127	Resp:	106
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.0	39.0#
65	0.0	23.9	35.9#
92	0.0	14.9	22.3#



#37
2-Methylnaphthalene
Concen: 0.057 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion:	142	Resp:	933
Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.4	107.2
115	56.7	28.9	43.3#

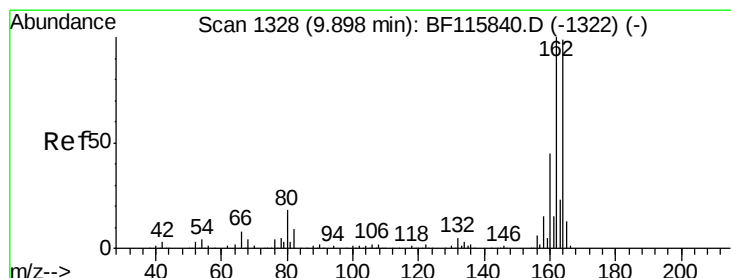
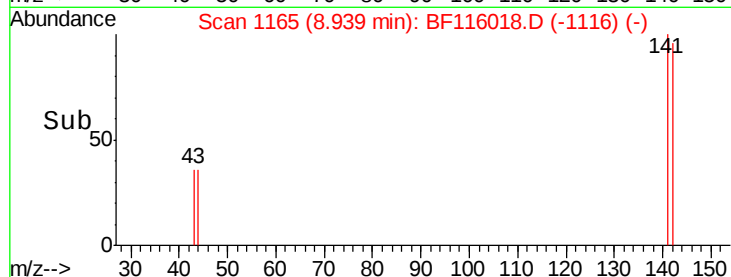
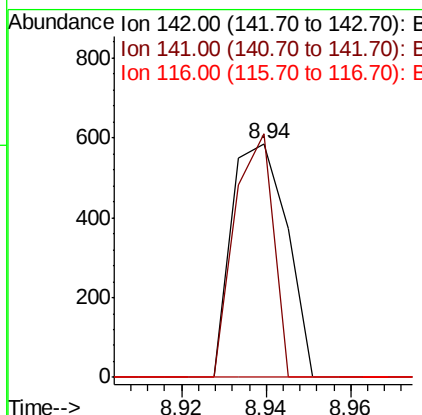
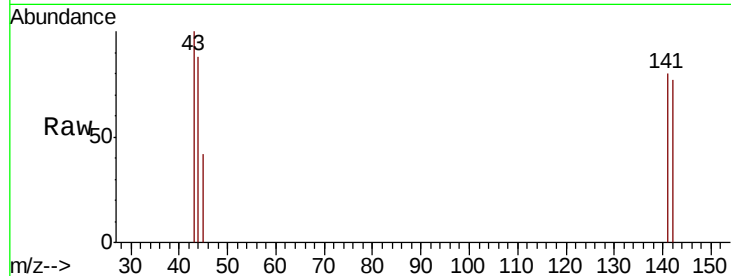




#38
1-Methylnaphthalene
Concen: 0.034 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

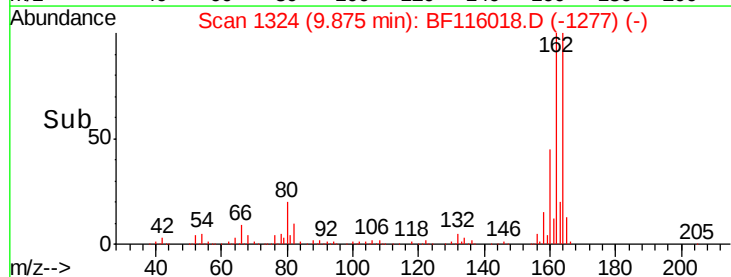
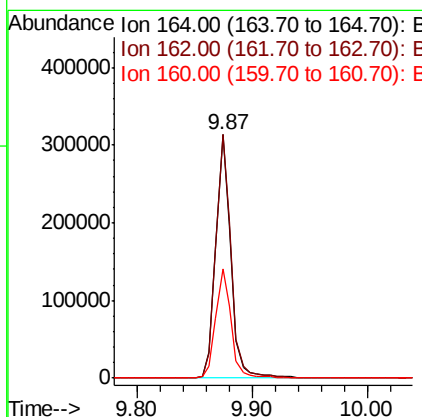
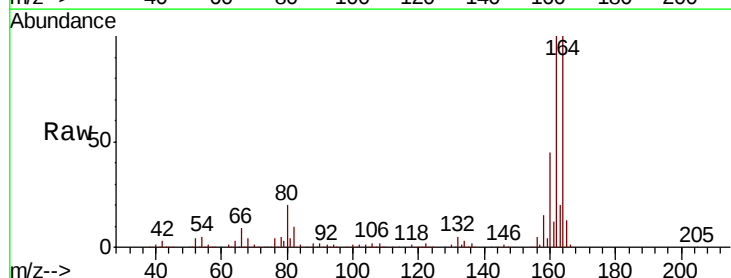
Instrument :
BNA_F
ClientSampleId :
1S-H-(0-30)-COMP

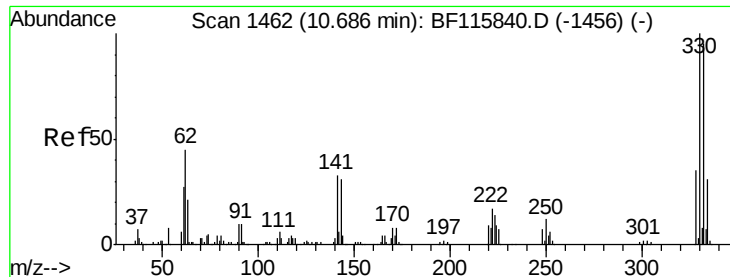
Tot Ion:142 Resp: 531
Ion Ratio Lower Upper
142 100
141 104.3 73.8 110.6
116 0.0 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion:164 Resp: 283848
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 45.1 36.2 54.4

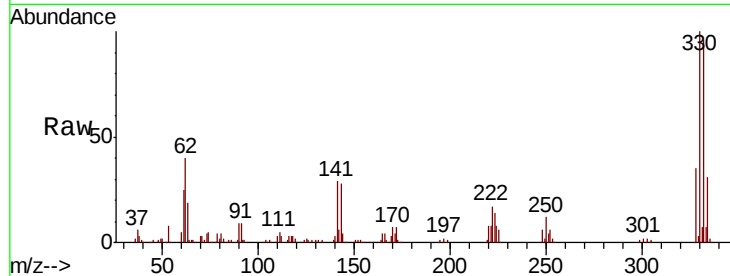




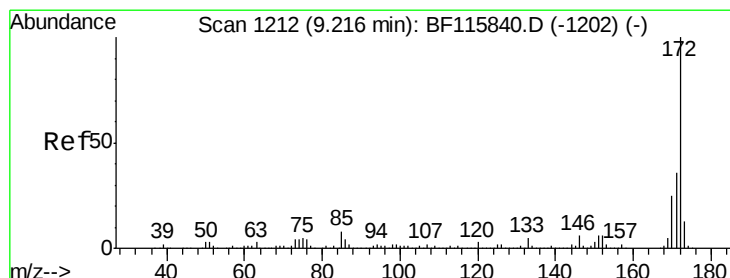
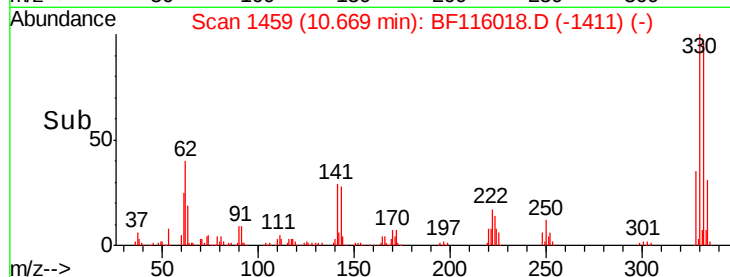
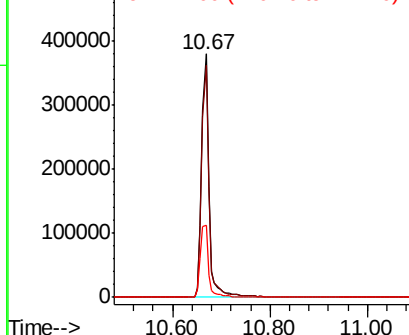
#42
 2,4,6-Tribromophenol
 Concen: 145.627 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :
 1S-H(0-30)-COMP

Tot Ion:330 Resp: 400764
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.7 116.5
 141 33.6 28.1 42.1

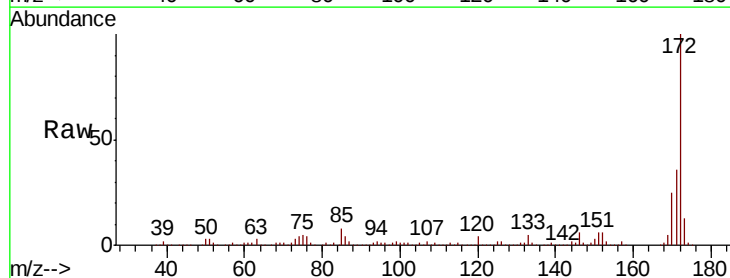


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

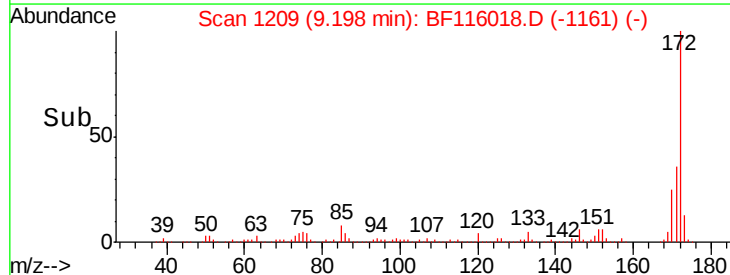
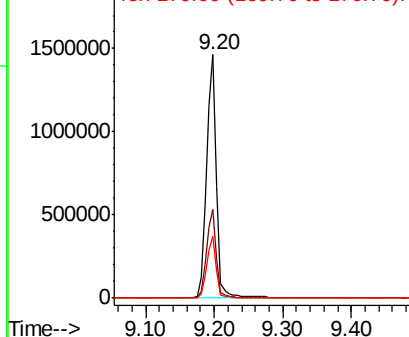


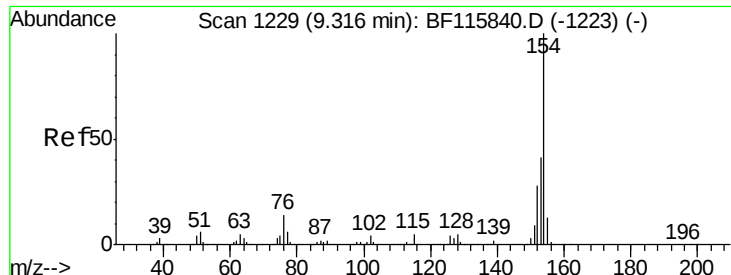
#45
 2-Fluorobiphenyl
 Concen: 99.793 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Tgt Ion:172 Resp: 1512275
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 25.2 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 0.153 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

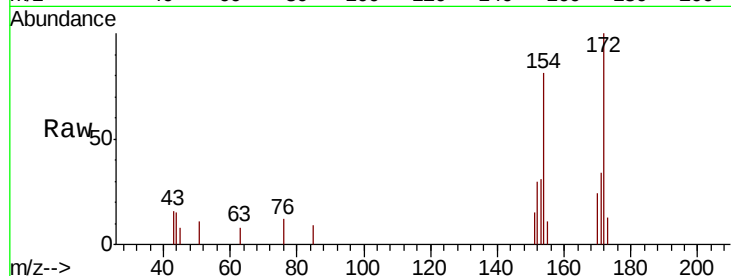
Tot Ion:154 Resp: 3076

Ion Ratio Lower Upper

154 100

153 38.1 20.9 60.9

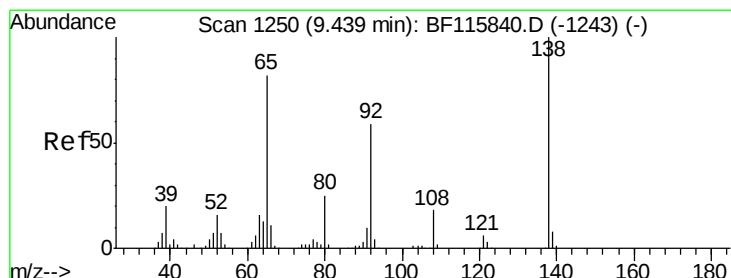
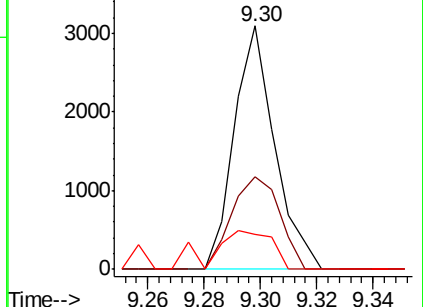
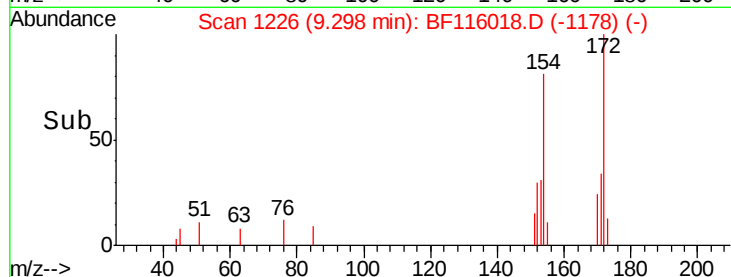
76 14.3 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#48

2-Nitroaniline

Concen: 0.455 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.24 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

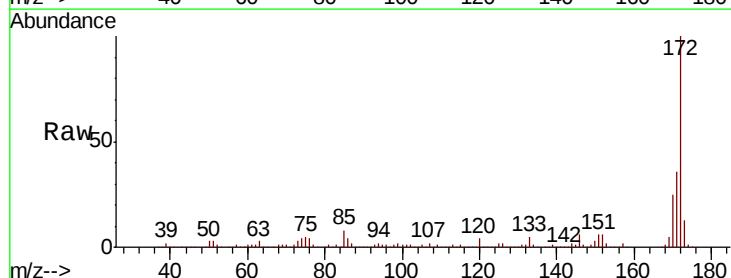
Tgt Ion: 65 Resp: 2509

Ion Ratio Lower Upper

65 100

92 202.3 57.1 85.7#

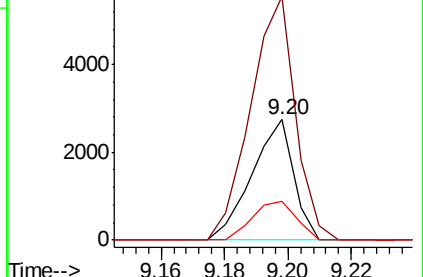
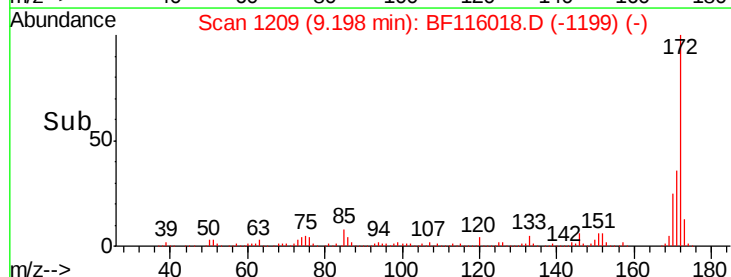
138 32.6 97.1 145.7#

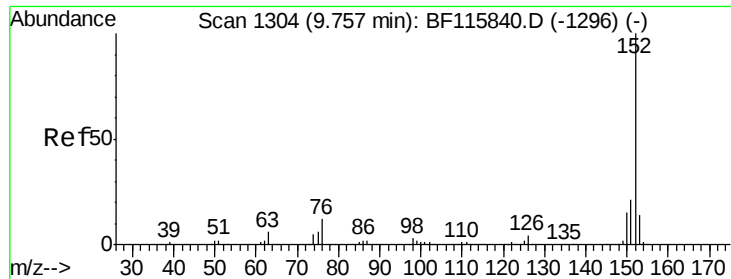


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.025 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.15 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

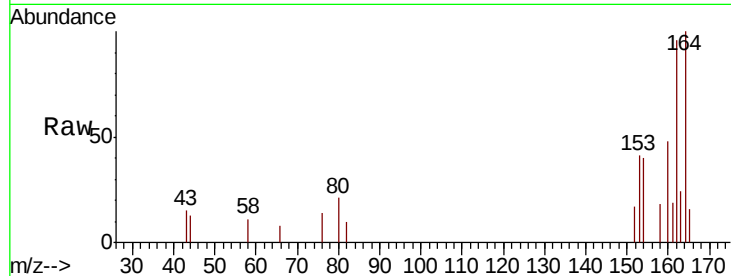
Tot Ion:152 Resp: 605

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

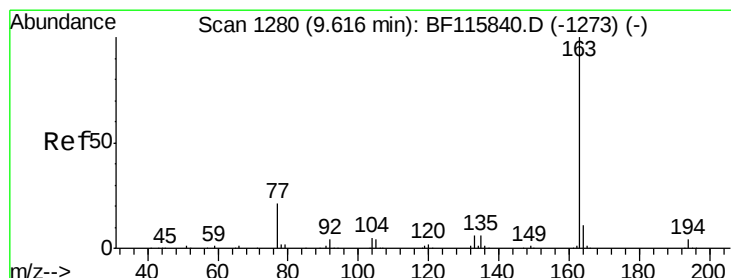
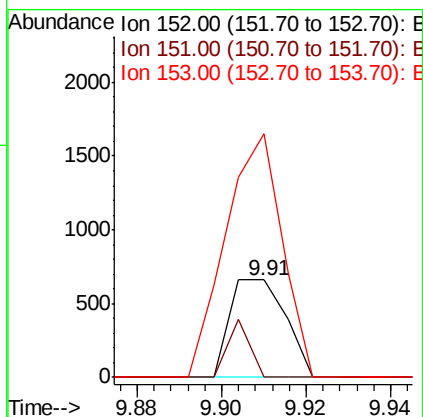
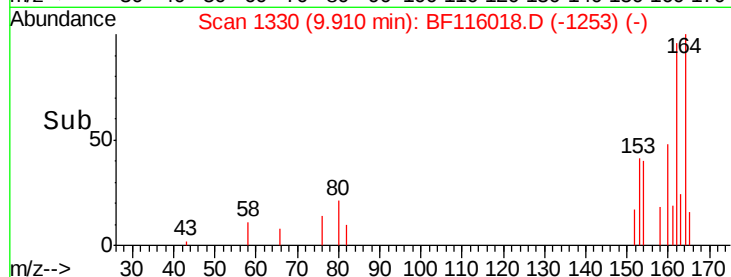
153 250.5 11.6 17.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.141 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

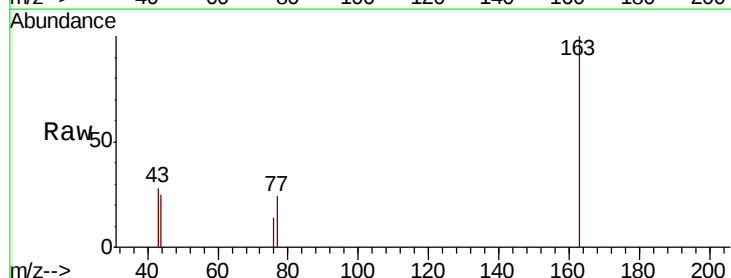
Tgt Ion:163 Resp: 2719

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

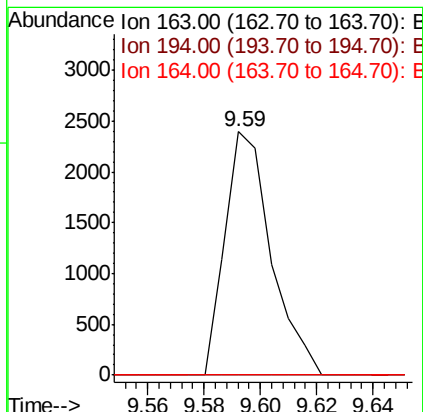
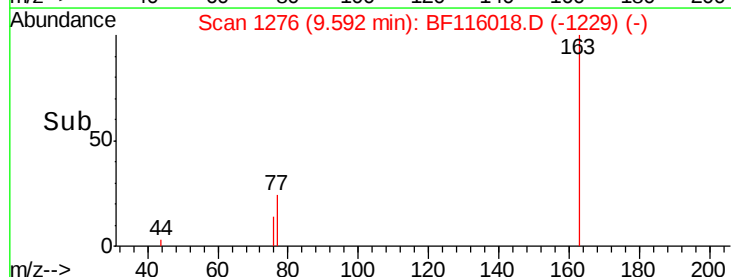
164 0.0 8.4 12.6#

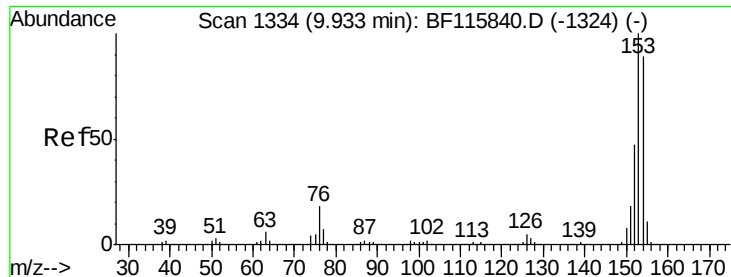


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.099 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

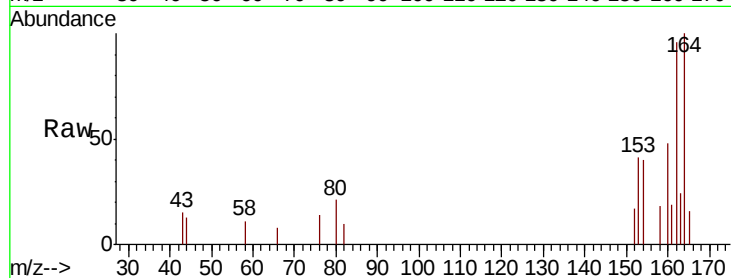
Tot Ion:154 Resp: 1478

Ion Ratio Lower Upper

154 100

153 104.0 90.1 135.1

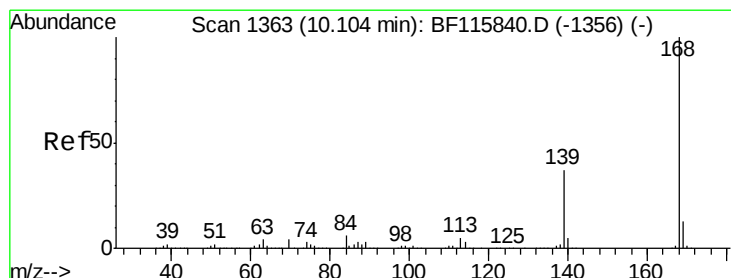
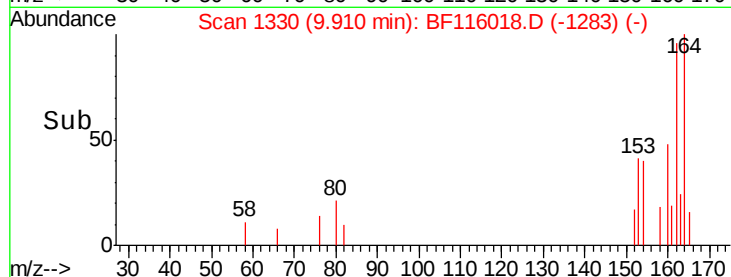
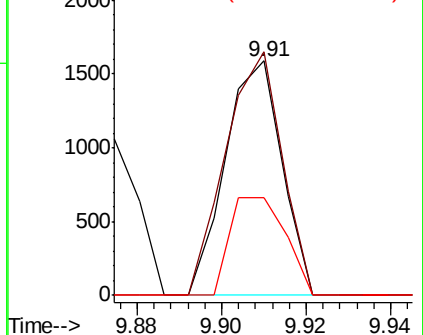
152 41.5 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.048 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

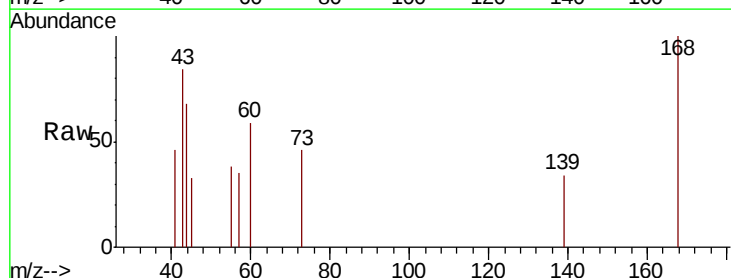
Tgt Ion:168 Resp: 1032

Ion Ratio Lower Upper

168 100

139 33.7 30.2 45.2

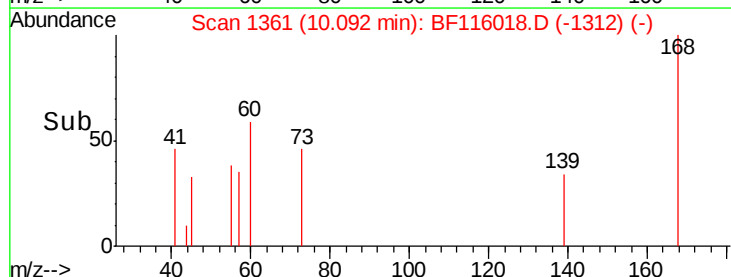
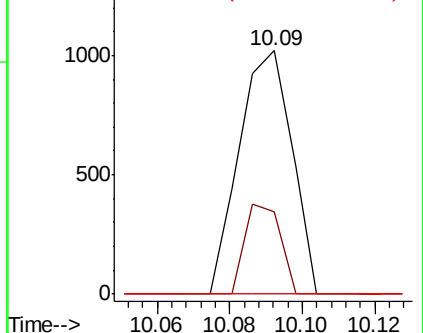
169 0.0 10.8 16.2#

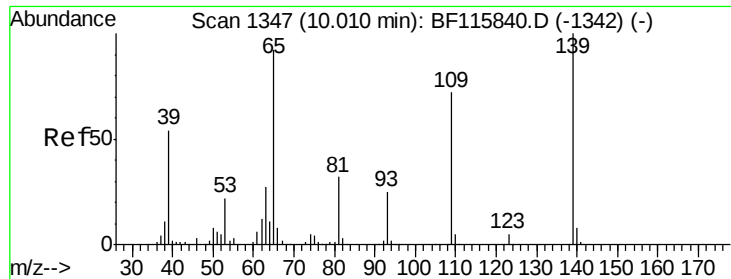


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

4-Nitrophenol

Concen: 0.076 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.08 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H(0-30)-COMP

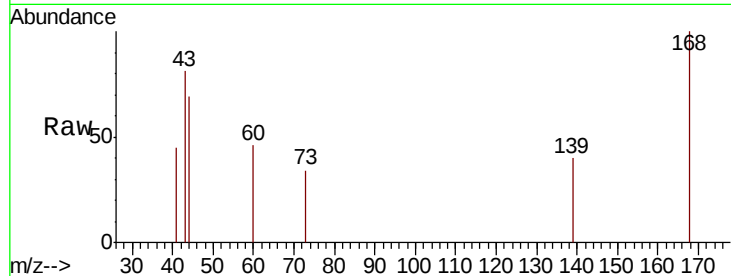
Tot Ion:139 Resp: 254

Ion Ratio Lower Upper

139 100

109 0.0 52.0 92.0#

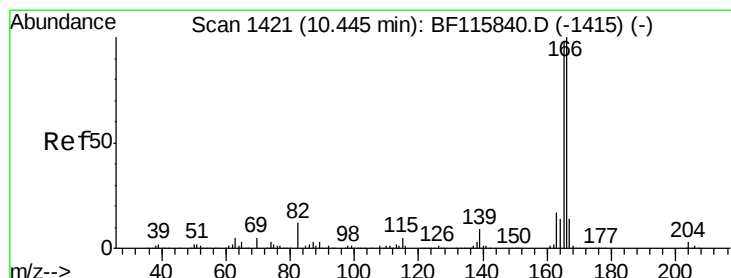
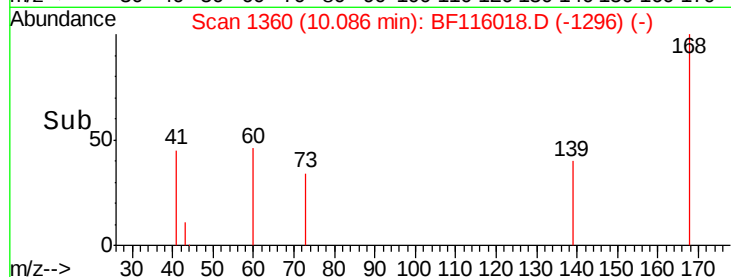
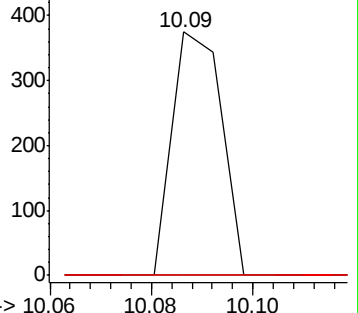
65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#58

Fluorene

Concen: 0.078 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

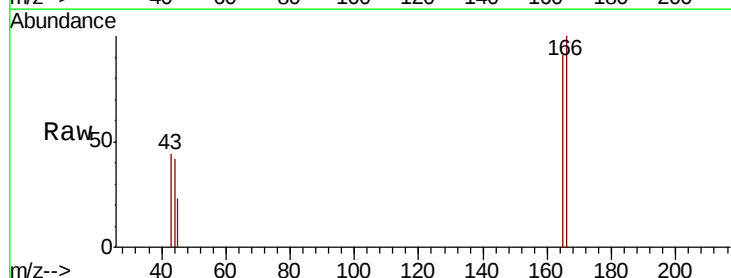
Tgt Ion:166 Resp: 1310

Ion Ratio Lower Upper

166 100

165 91.1 78.6 118.0

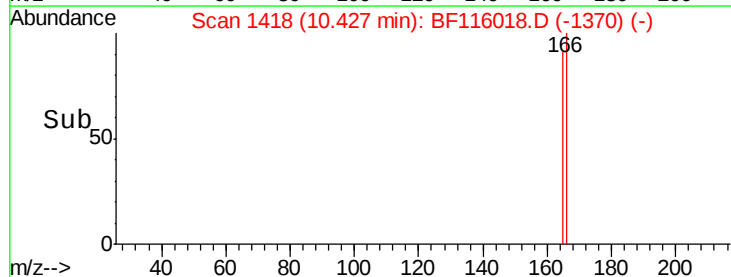
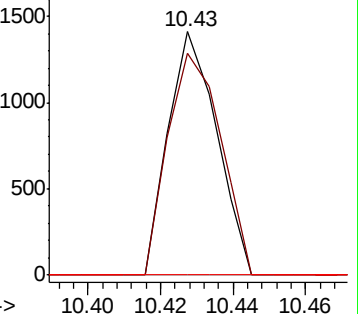
167 0.0 10.9 16.3#

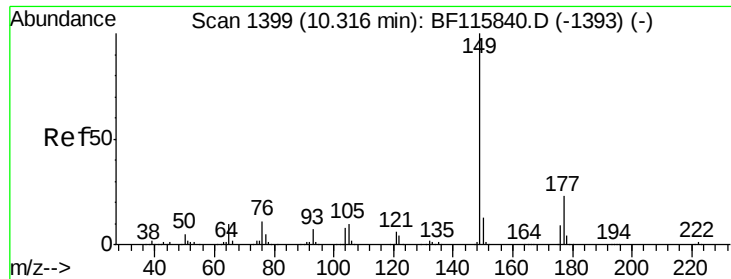


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

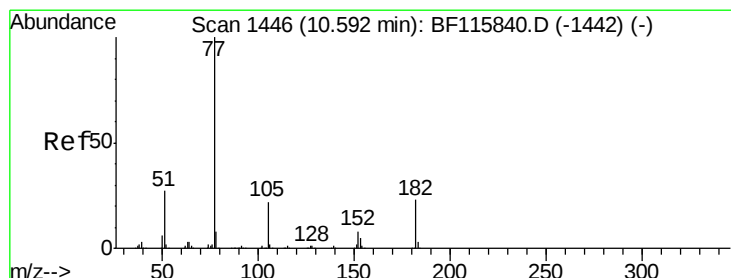
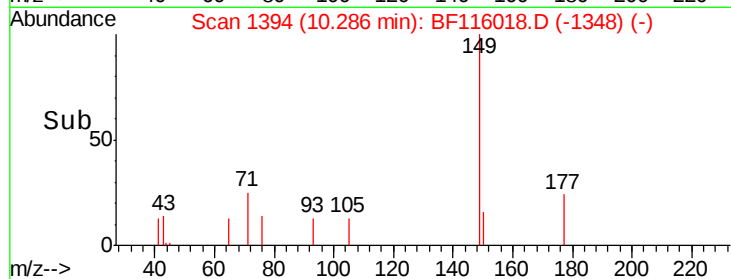
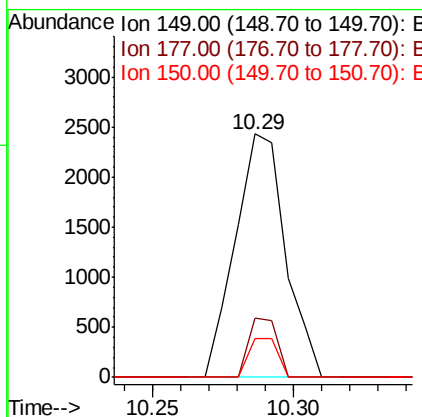
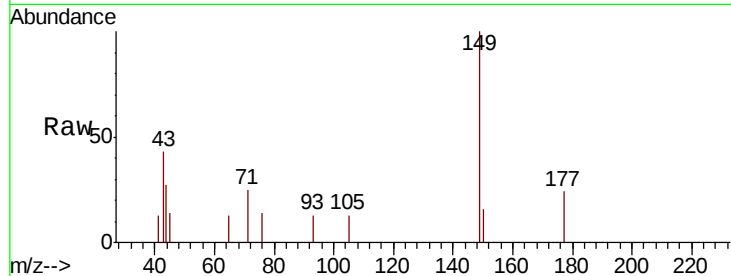




#60
Diethylphthalate
Concen: 0.166 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

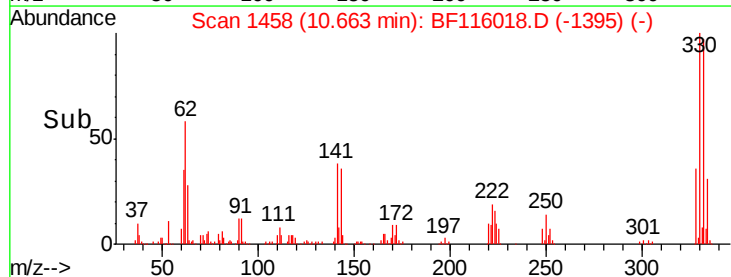
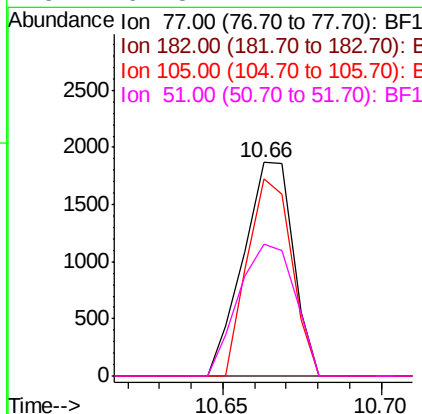
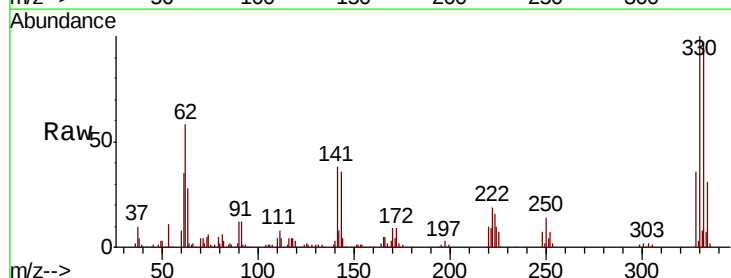
Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

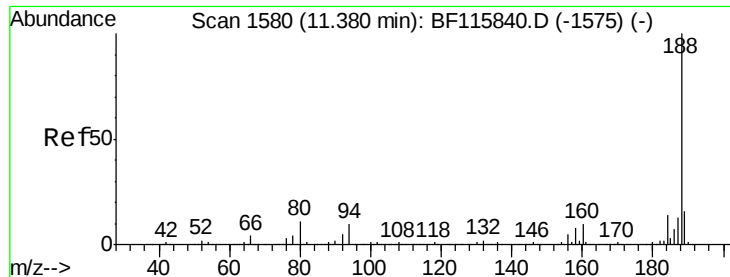
Tot Ion:149 Resp: 2998
Ion Ratio Lower Upper
149 100
177 24.1 18.4 27.6
150 16.1 10.1 15.1#



#63
Azobenzene
Concen: 0.111 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion: 77 Resp: 2052
Ion Ratio Lower Upper
77 100
182 0.0 2.6 42.6#
105 92.2 1.6 41.6#
51 61.8 7.4 47.4#

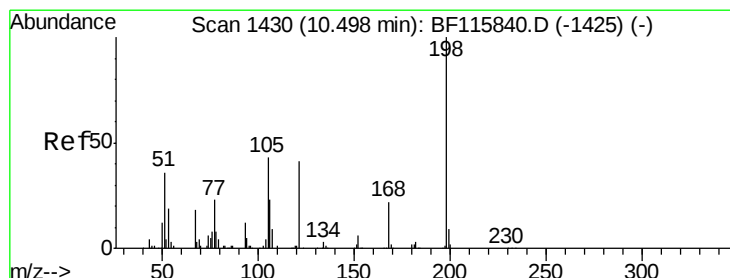
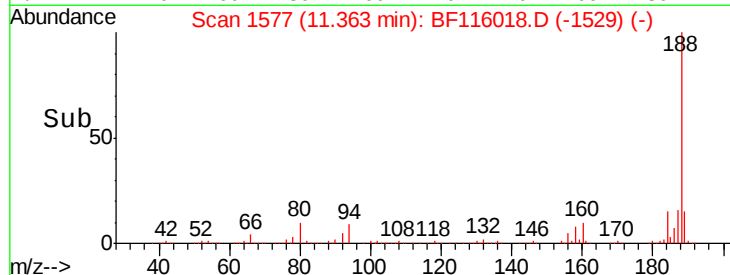
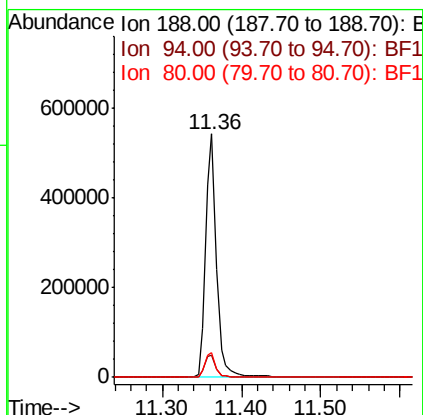
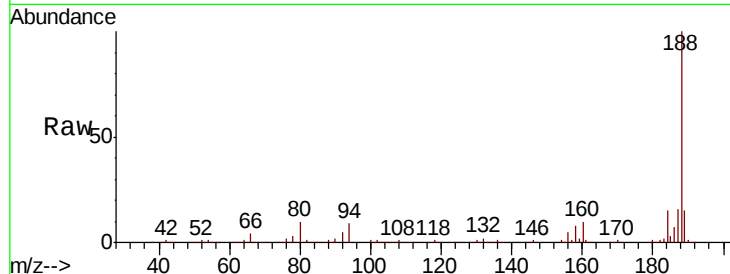




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

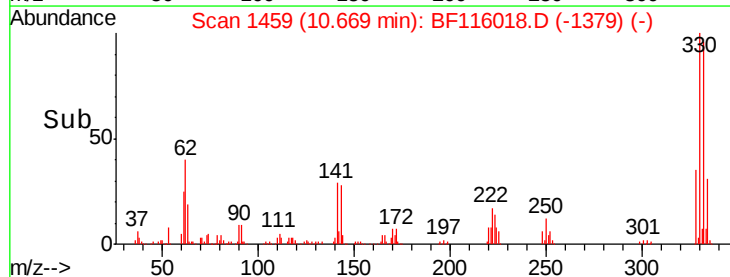
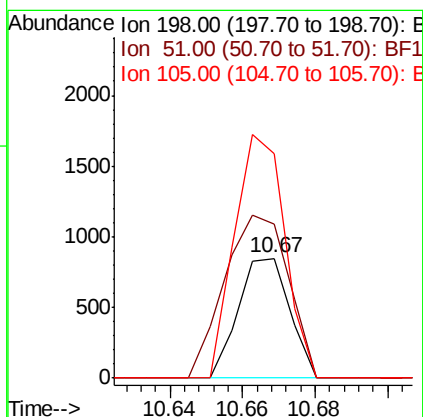
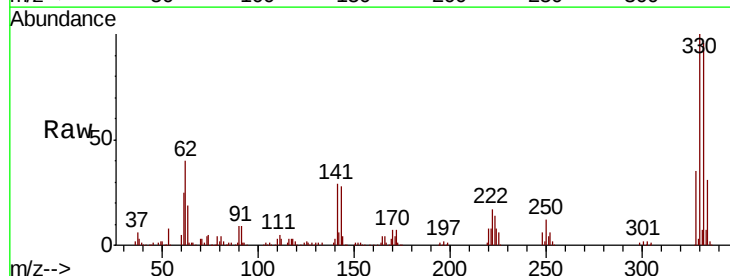
Instrument :
 BNA_F
 ClientSampleId :
 1S-H-(0-30)-COMP

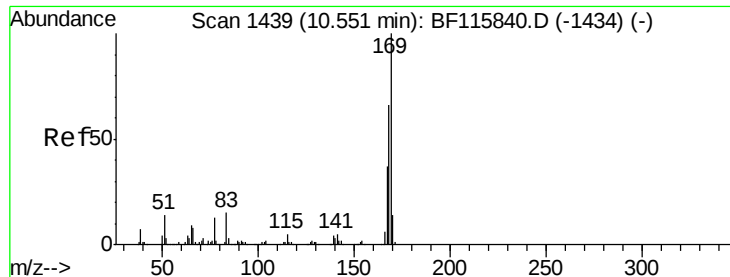
Tot Ion:188 Resp: 523957
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.0 12.0
 80 10.3 8.6 12.8



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.303 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.17 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Tgt Ion:198 Resp: 841
 Ion Ratio Lower Upper
 198 100
 51 129.3 21.1 61.1#
 105 187.9 24.5 64.5#

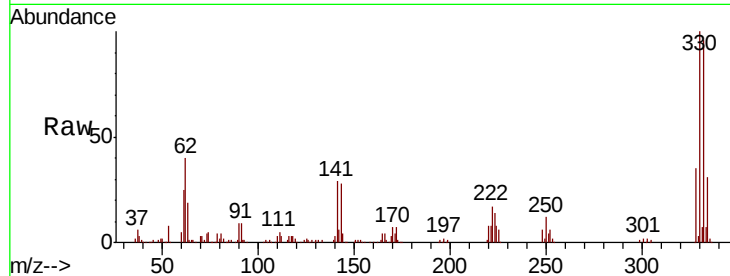




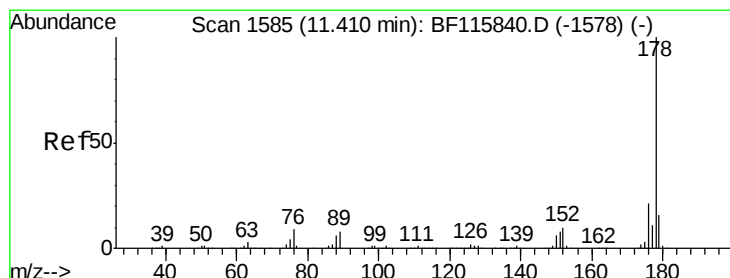
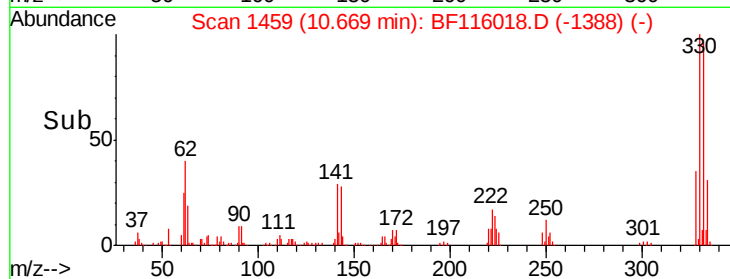
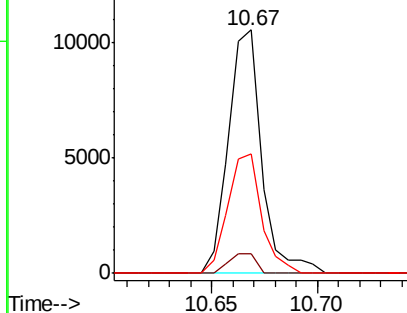
#66
 n-Nitrosodiphenylamine
 Concen: 0.729 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.12 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :
 1S-H-(0-30)-COMP

Tot Ion	Ratio	Lower	Upper
169	100		
168	7.9	53.0	79.6#
167	48.9	29.9	44.9#

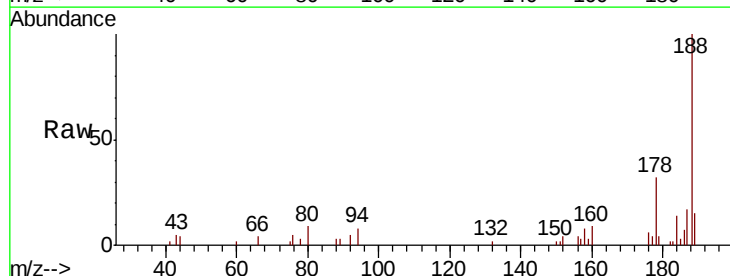


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

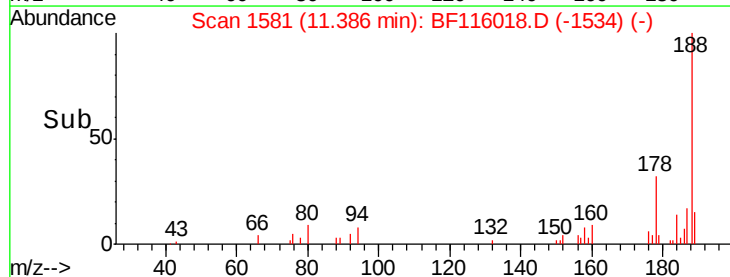
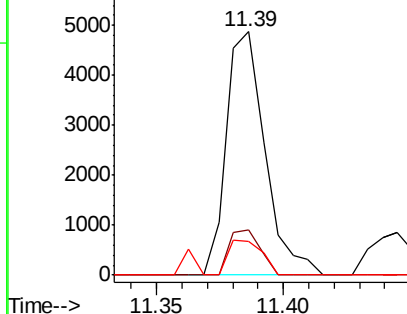


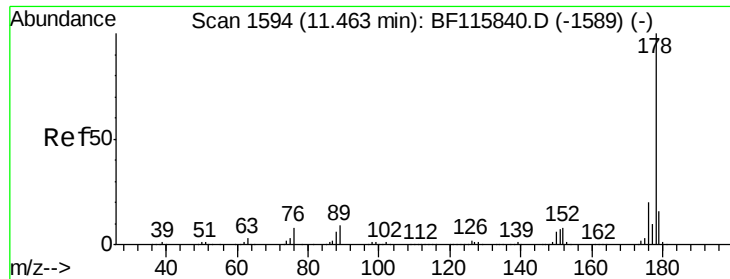
#71
 Phenanthrene
 Concen: 0.193 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.5	24.7
179	14.0	12.6	18.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

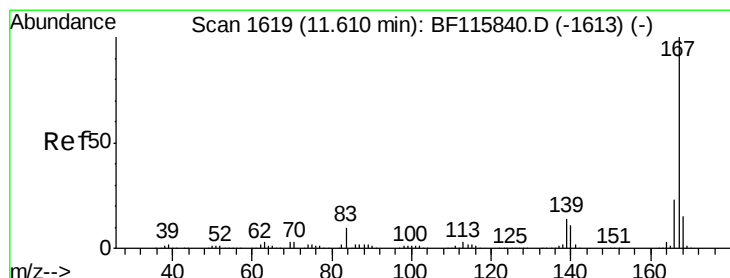
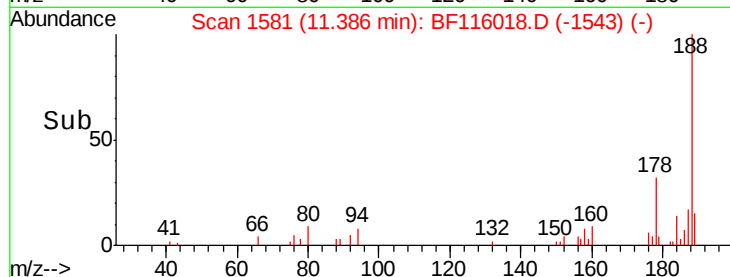
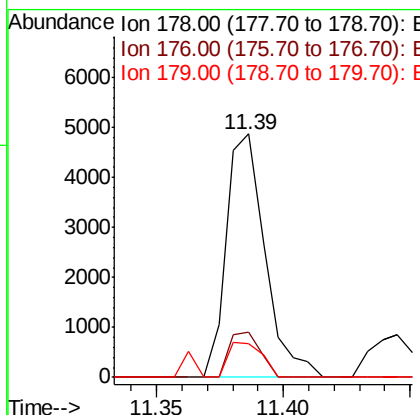
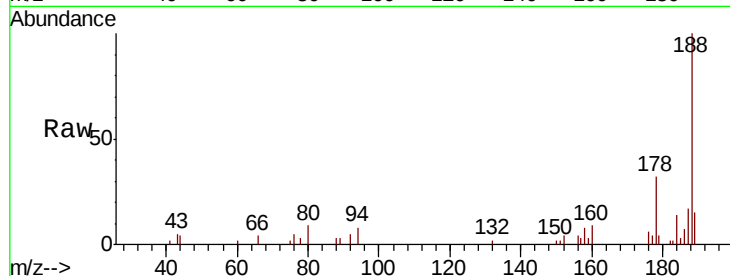




#72
 Anthracene
 Concen: 0.190 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.08 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

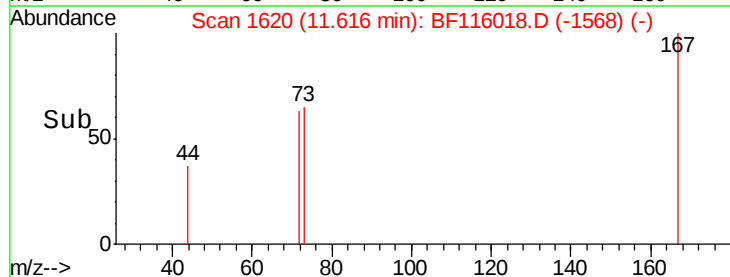
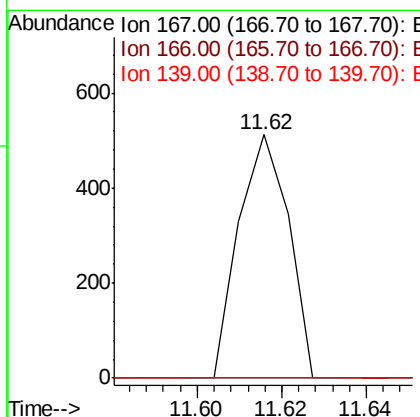
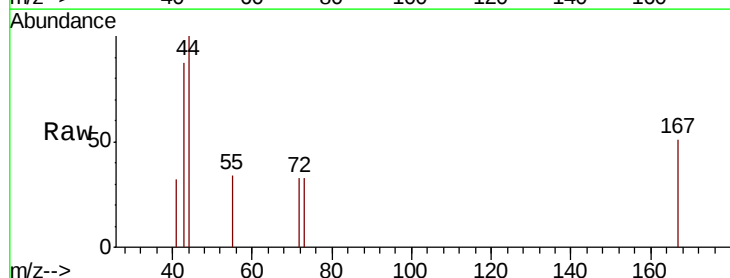
Instrument :
 BNA_F
 ClientSampleId :
 1S-H-(0-30)-COMP

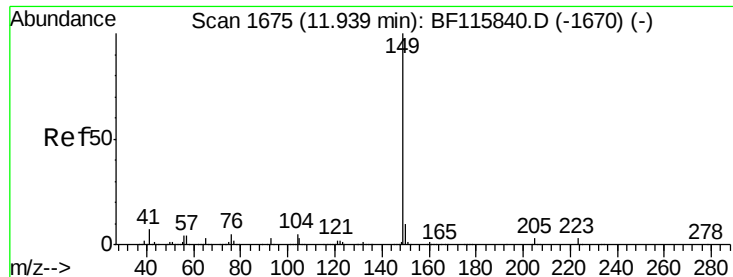
Tot Ion:178 Resp: 5163
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 14.0 12.4 18.6



#73
 Carbazole
 Concen: 0.017 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF116018.D
 Acq: 6 Aug 2019 17:35

Tgt Ion:167 Resp: 419
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 11.4 17.2#

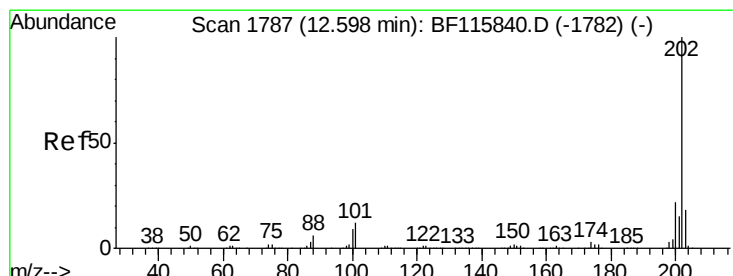
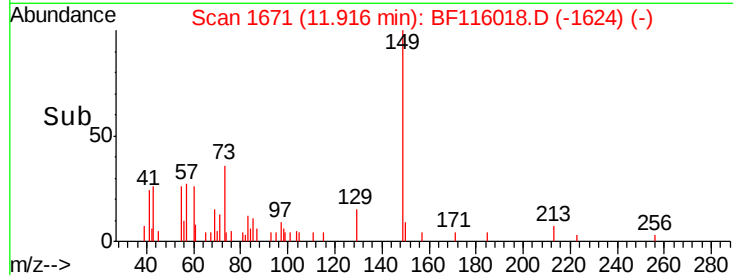
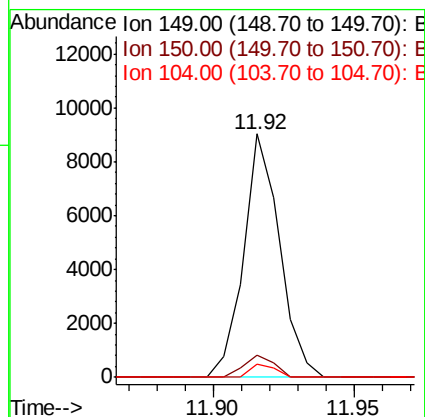
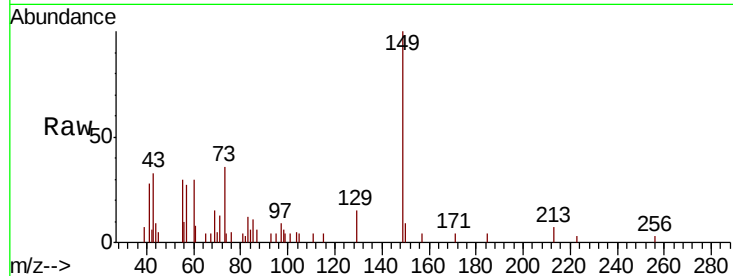




#74
Di-n-butylphthalate
Concen: 0.279 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

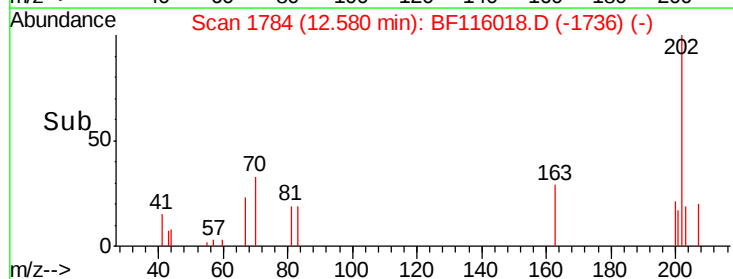
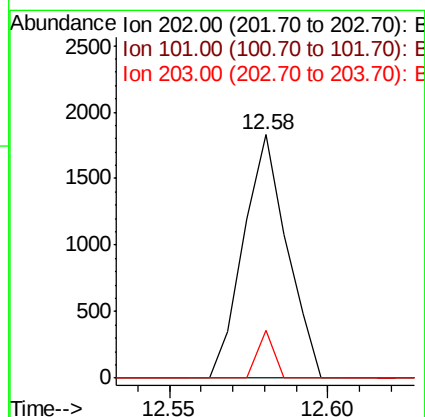
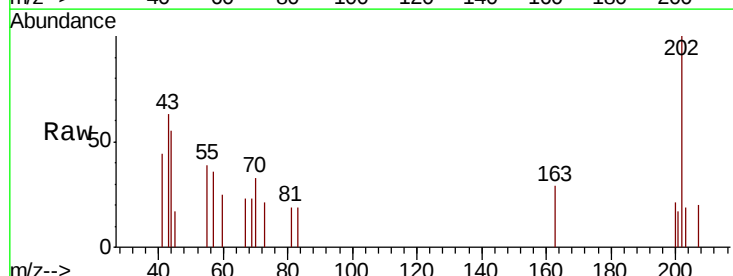
Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

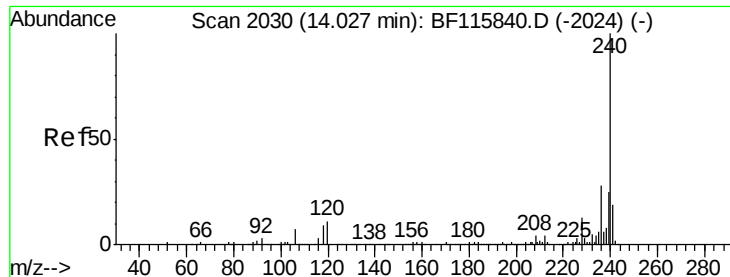
Tot Ion:149 Resp: 7993
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 5.3 4.3 6.5



#75
Fluoranthene
Concen: 0.062 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion:202 Resp: 1744
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 19.5 0.0 37.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.03 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

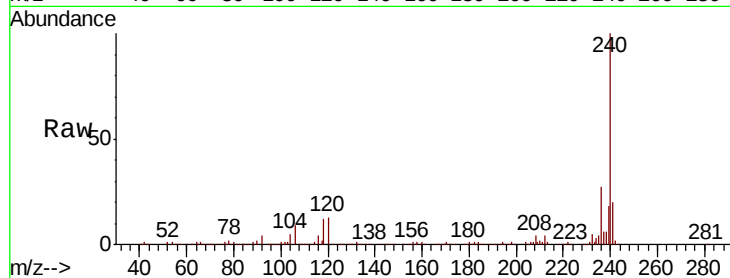
Tot Ion:240 Resp: 398051

Ion Ratio Lower Upper

240 100

120 13.0 8.5 12.7#

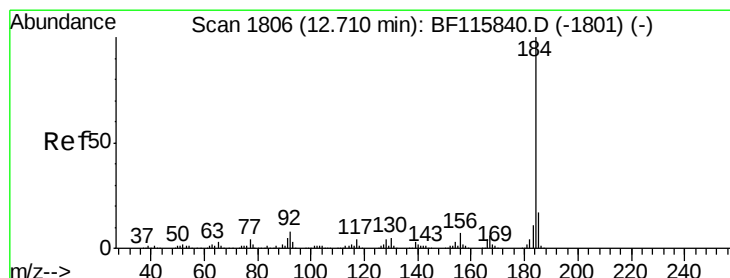
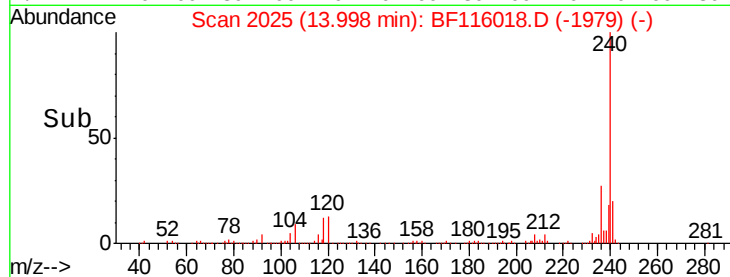
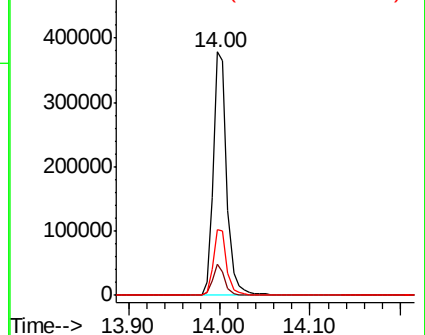
236 27.0 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 1.879 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.24 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

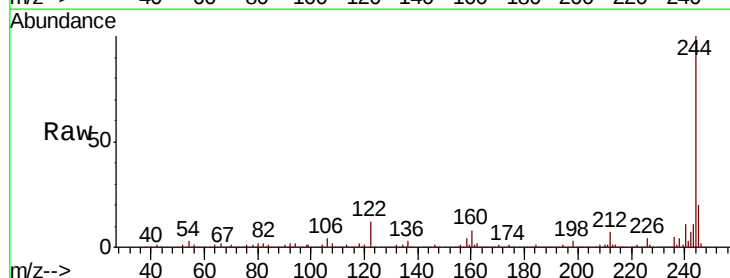
Tgt Ion:184 Resp: 25264

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.2

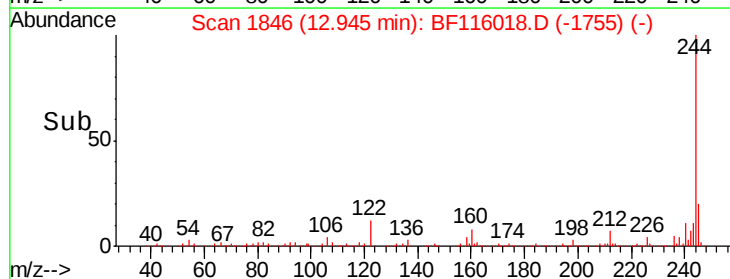
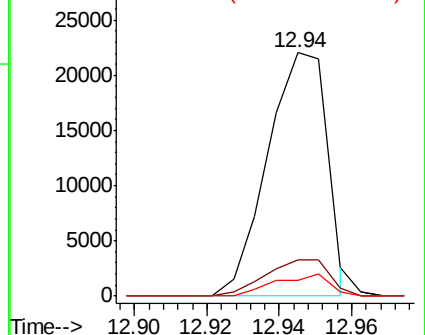
183 6.7 9.1 13.7#

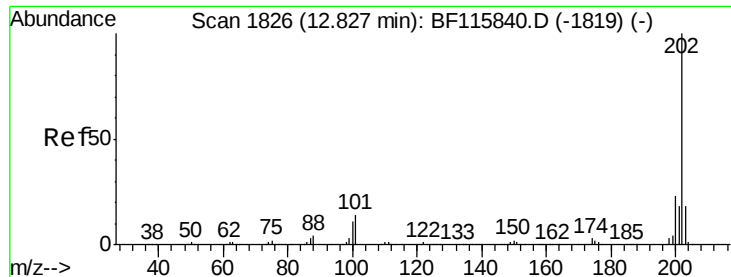


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

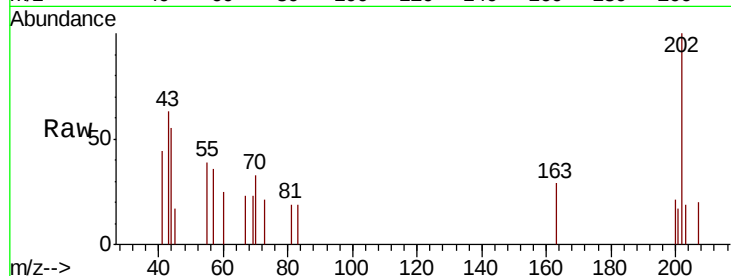




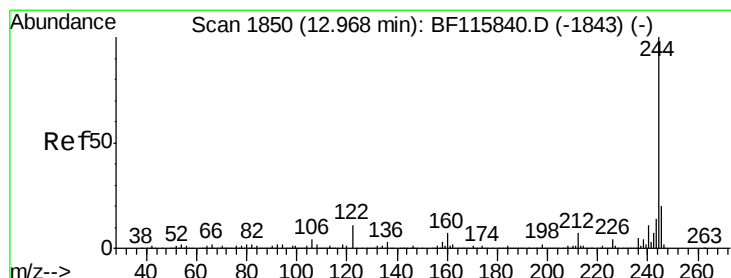
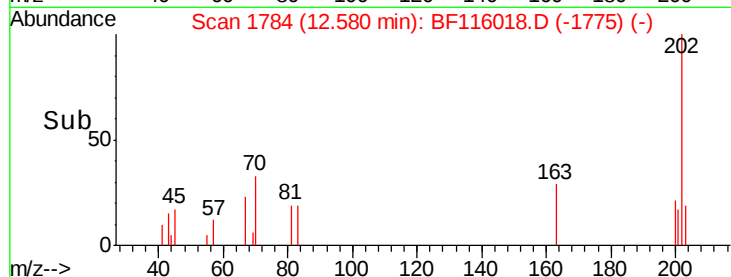
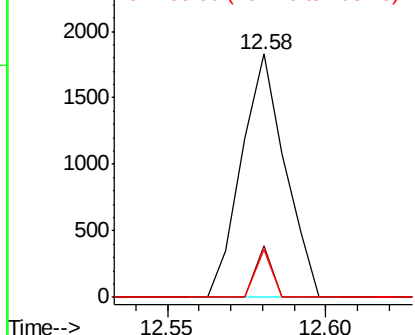
#78
Pvrene
Concen: 0.058 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.25 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Instrument :
BNA_F
ClientSampleId :
1S-H(0-30)-COMP

Tot Ion:202 Resp: 1744
Ion Ratio Lower Upper
202 100
200 21.4 18.2 27.2
203 19.5 14.3 21.5

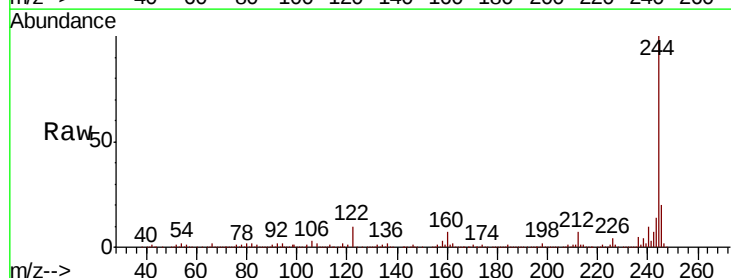


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

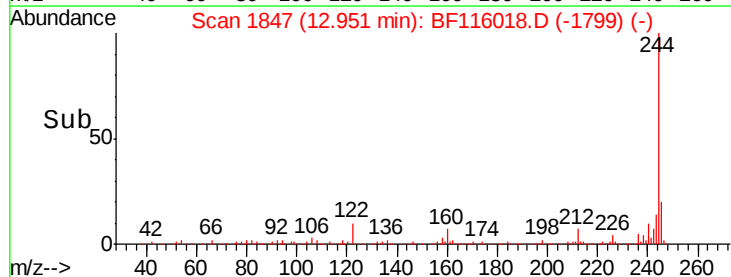
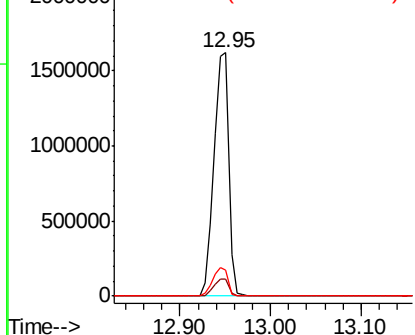


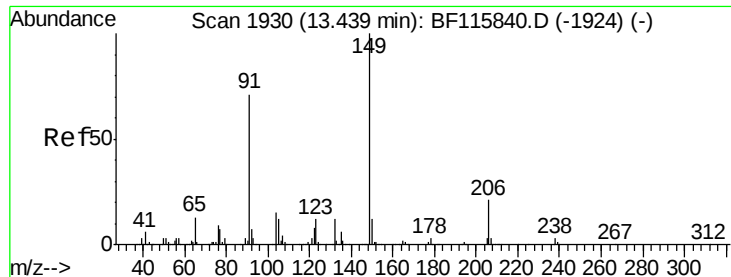
#79
Terphenyl-d14
Concen: 97.579 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion:244 Resp: 1843300
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.5 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.024 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

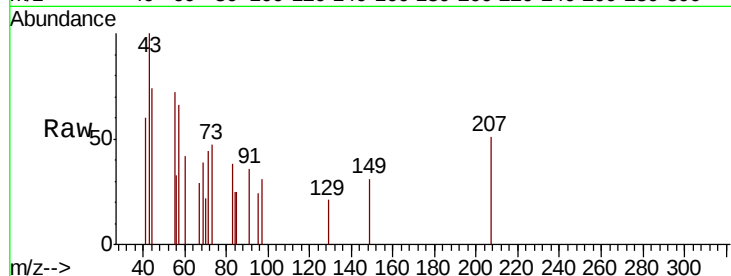
Tot Ion:149 Resp: 307

Ion Ratio Lower Upper

149 100

91 115.0 57.0 85.6#

206 0.0 16.9 25.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

600

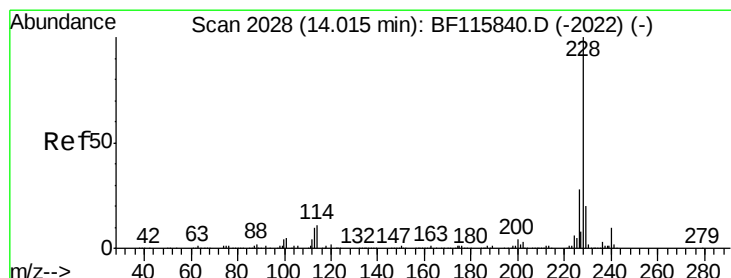
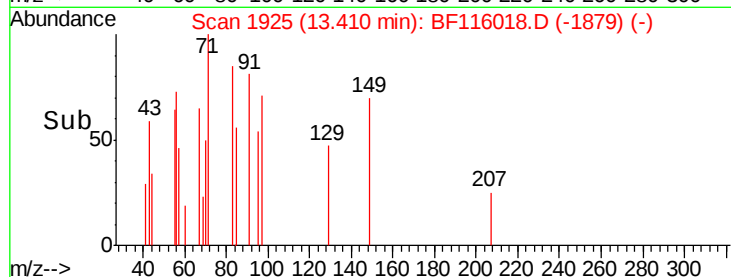
400

200

0

13.40 13.41 13.42

Time-->



#81

Benzo(a)anthracene

Concen: 0.052 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

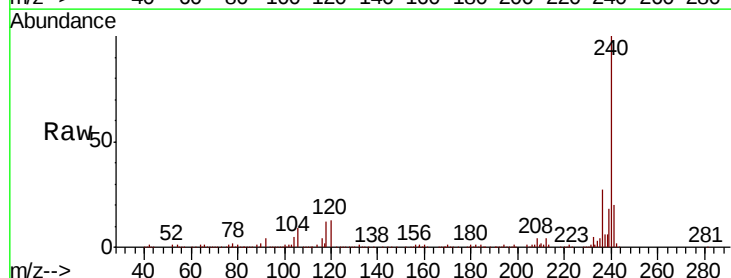
Tgt Ion:228 Resp: 1319

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

229 33.9 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1500

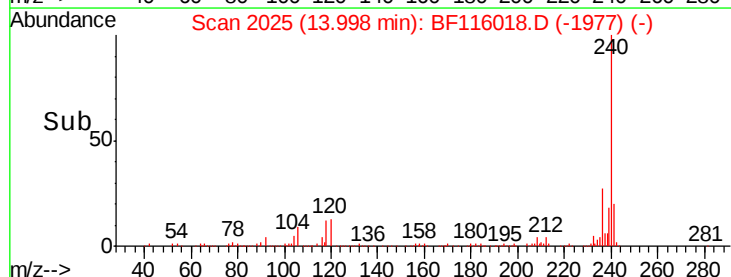
1000

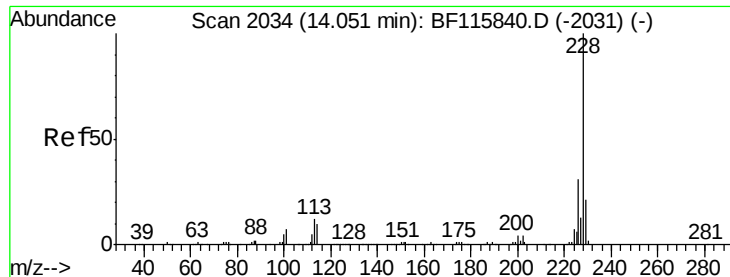
500

0

14.00

Time-->





#83

Chrysene

Concen: 0.053 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.05 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H-(0-30)-COMP

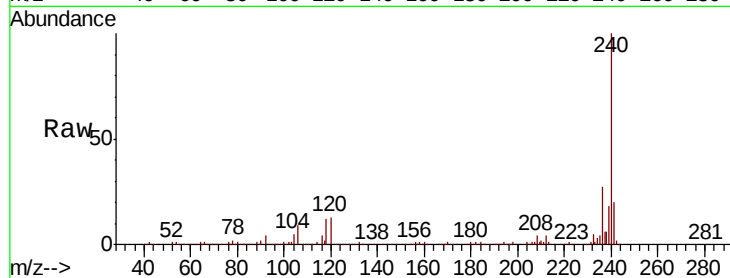
Tot Ion:228 Resp: 1319

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

229 33.9 16.4 24.6#

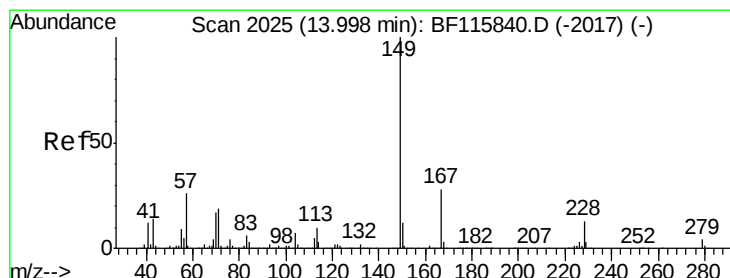
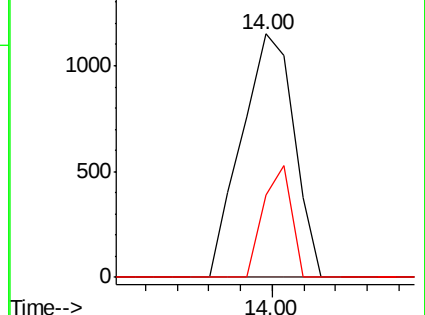
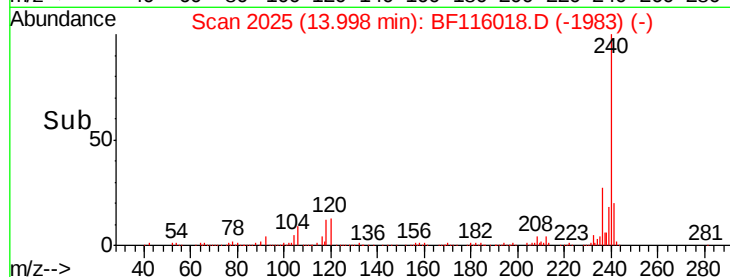


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116018.D

Acq: 6 Aug 2019 17:35

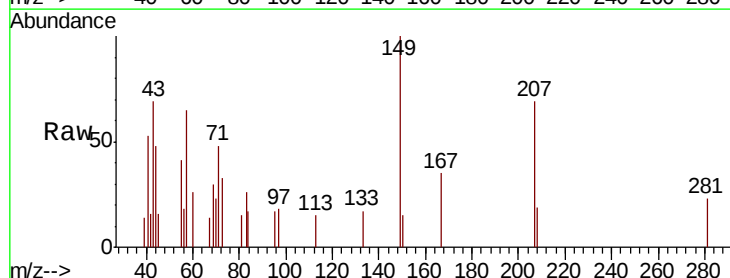
Tgt Ion:149 Resp: 2324

Ion Ratio Lower Upper

149 100

167 35.0 22.4 33.6#

279 0.0 3.3 4.9#

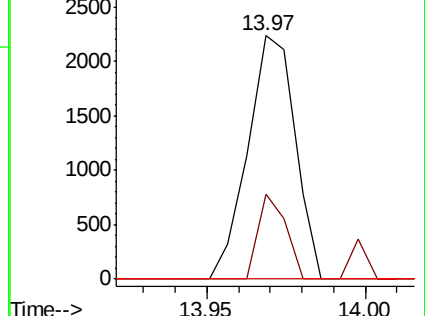
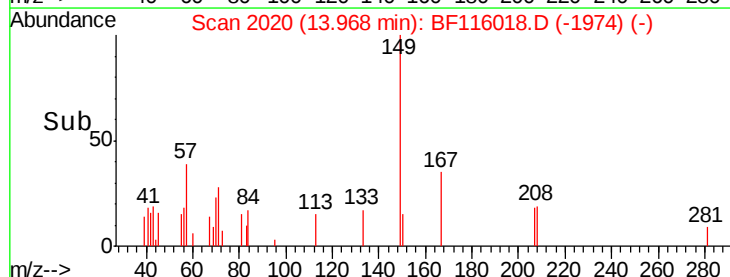


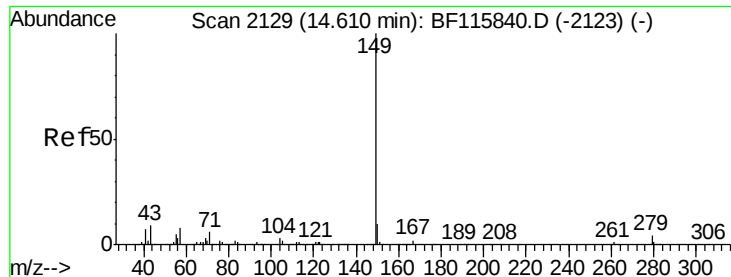
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

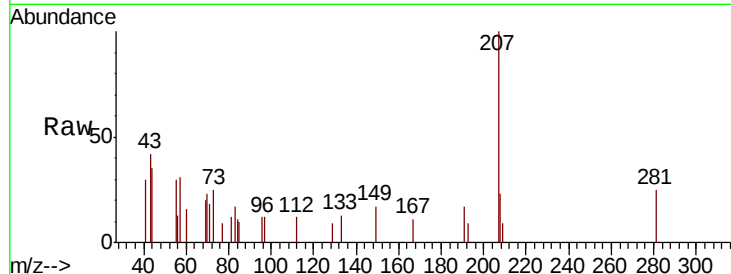




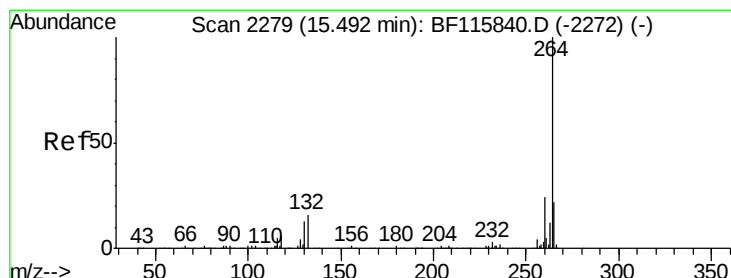
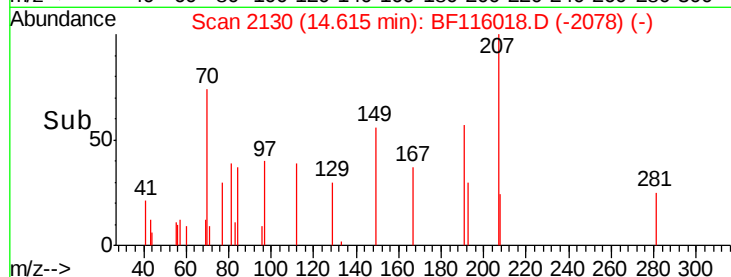
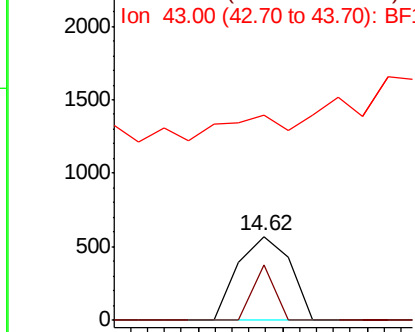
#85
Di-n-octyl phthalate
Concen: 0.019 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Instrument :
BNA_F
ClientSampleId :
1S-H-(0-30)-COMP

Tot Ion:	149	Resp:	494
Ion	Ratio	Lower	Upper
149	100		
167	26.9	1.2	1.8#
43	0.0	7.4	11.0#

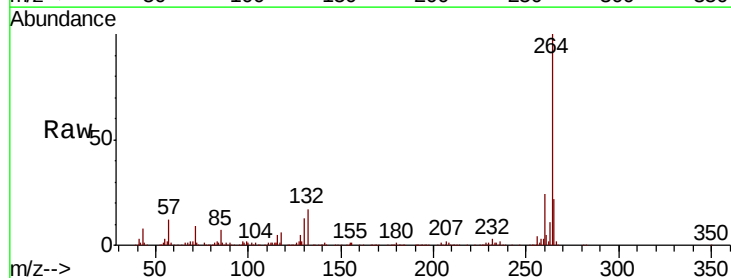


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

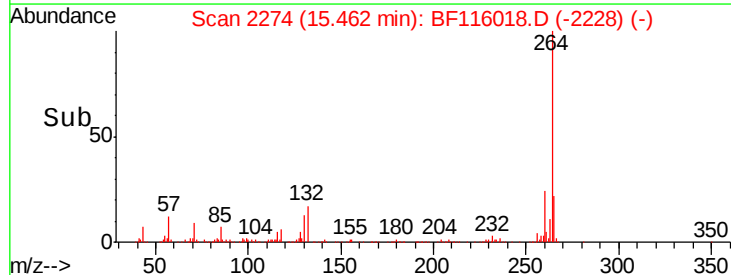
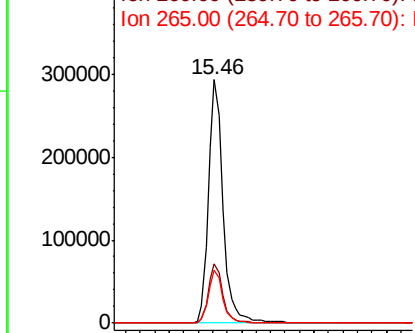


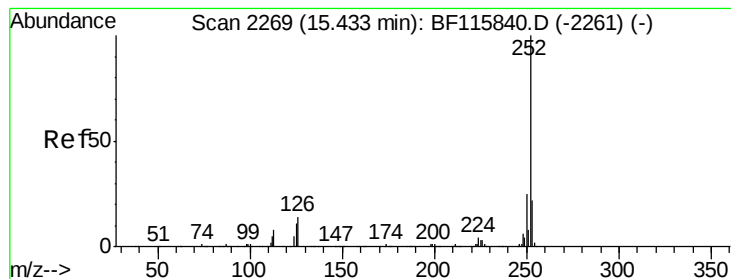
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116018.D
Acq: 6 Aug 2019 17:35

Tgt Ion:	264	Resp:	412119
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.063 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.03 min

Lab File: BF116018.D

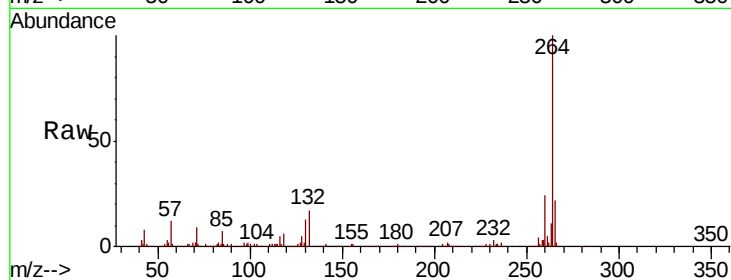
Acq: 6 Aug 2019 17:35

Instrument :

BNA_F

ClientSampleId :

1S-H(0-30)-COMP



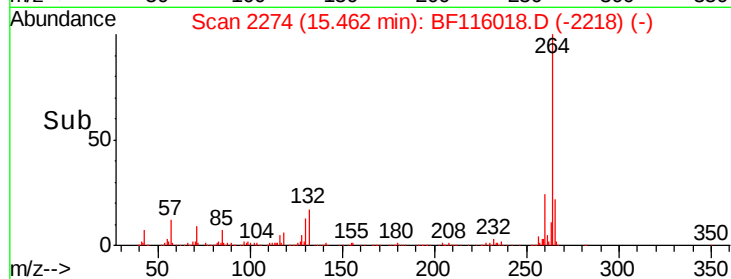
Tot Ion: 252 Resp: 1344

Ion Ratio Lower Upper

252 100

253 38.0 17.8 26.6#

125 129.1 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

