

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116026.D
 Acq On : 6 Aug 2019 21:08
 Operator : HP/JU
 Sample : K4130-34
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 07 05:16:38 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	128964	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	496331	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	263427	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	474491	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	347612	20.00	ng	-0.03
87) Perylene-d12	15.46	264	383790	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	898229	116.60	ng	0.01
7) Phenol-d6	6.48	99	1055983	108.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	817360	95.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	358072	140.20	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1408658	100.16	ng	-0.02
79) Terphenyl-d14	12.95	244	1634226	99.06	ng	-0.02

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.36	42	109	0.025	ng	# 1
6) Aniline	6.62	93	1275	0.092	ng	# 1
8) 2-Chlorophenol	6.63	128	266	0.031	ng	# 1
9) Benzaldehyde	6.48	77	1553	0.232	ng	# 1
10) Phenol	6.49	94	2192	0.192	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1275	0.152	ng	# 1
15) Benzyl Alcohol	7.00	79	13611	1.845	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.13	45	261	0.023	ng	# 65
22) Acetophenone	7.26	105	793	0.073	ng	# 75
24) Nitrobenzene	7.40	77	2435	0.262	ng	# 36
31) Naphthalene	8.15	128	850	0.036	ng	# 68
32) Benzoic acid	7.91	122	17797	3.834	ng	# 93
37) 2-Methylnaphthalene	8.84	142	223	0.014	ng	# 62
38) 1-Methylnaphthalene	8.94	142	244	0.017	ng	# 81
46) 1,1'-Biphenyl	9.30	154	2918	0.157	ng	# 94
48) 2-Nitroaniline	9.20	65	2177	0.425	ng	# 1
49) Acenaphthylene	9.91	152	241	0.011	ng	# 1
50) Dimethylphthalate	9.60	163	4027	0.225	ng	# 76
52) Acenaphthene	9.91	154	444	0.032	ng	# 74
55) Dibenzofuran	10.10	168	273	0.014	ng	# 45
58) Fluorene	10.66	166	14108	0.910	ng	# 90
59) 2,3,4,6-Tetrachlorophenol	10.24	232	701	0.166	ng	# 37
60) Diethylphthalate	10.29	149	1520	0.091	ng	# 85
63) Azobenzene	10.57	77	112	0.007	ng	# 51
65) 4,6-Dinitro-2-methylphenol	10.66	198	601	0.239	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	9793	0.686	ng	# 45
71) Phenanthrene	11.39	178	1691	0.070	ng	# 59
72) Anthracene	11.44	178	233	0.009	ng	# 60
73) Carbazole	11.62	167	109	0.005	ng	# 58
74) Di-n-butylphthalate	11.92	149	5847	0.225	ng	# 98
75) Fluoranthene	12.58	202	680	0.027	ng	# 64
77) Benzidine	12.95	184	22492	1.915	ng	# 96
78) Pyrene	12.81	202	531	0.020	ng	# 56
81) Benzo(a)anthracene	14.00	228	1117	0.050	ng	# 51

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

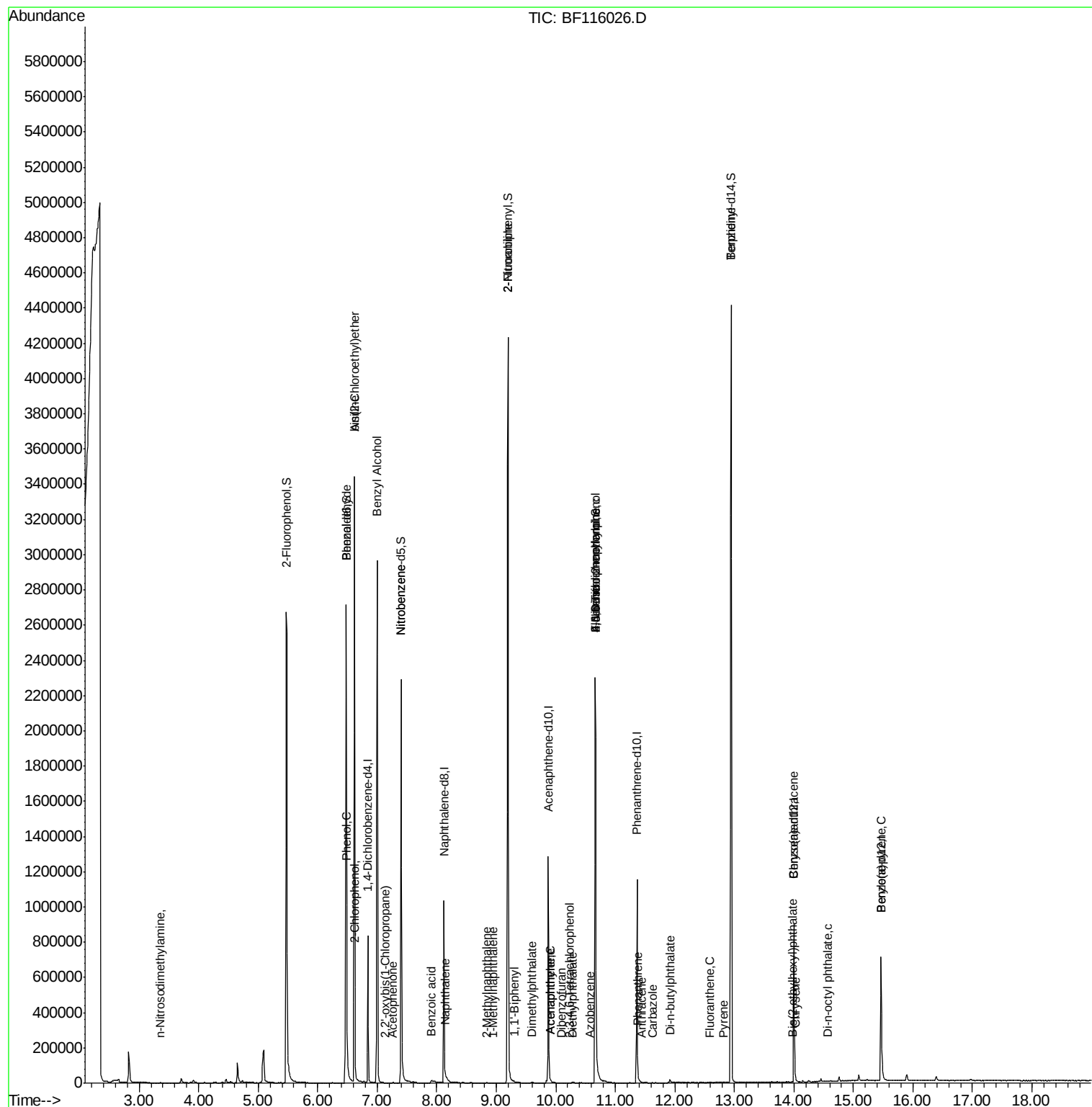
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	14.03	228	117	0.005	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	1508	0.105	ng	# 98
85) Di-n-octyl phthalate	14.57	149	247	0.011	ng	# 1
90) Benzo(a)pyrene	15.47	252	1167	0.059	ng	# 44

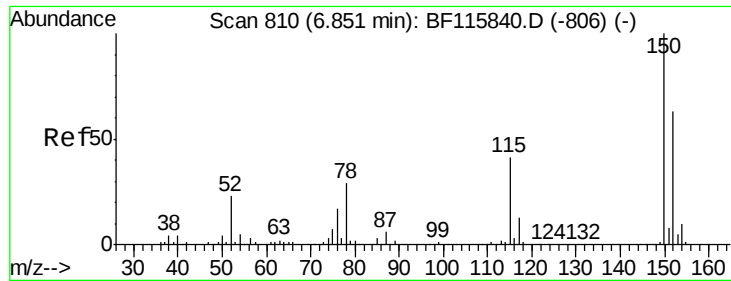
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

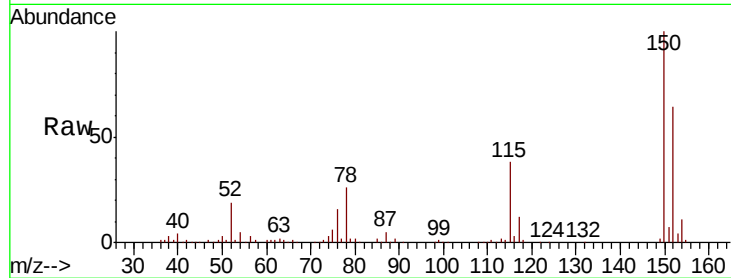
Tot Ion:152 Resp: 128964

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.0

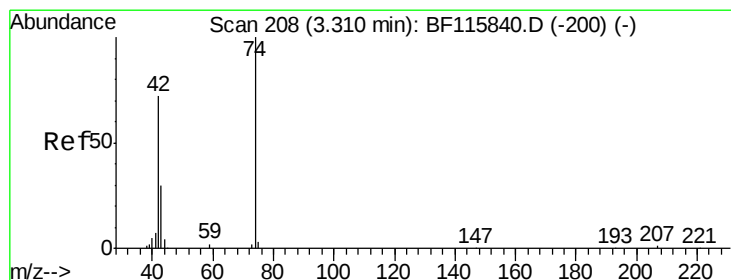
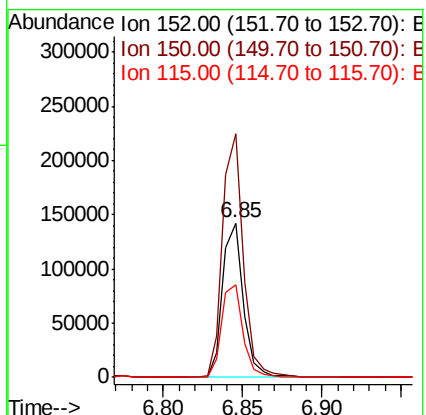
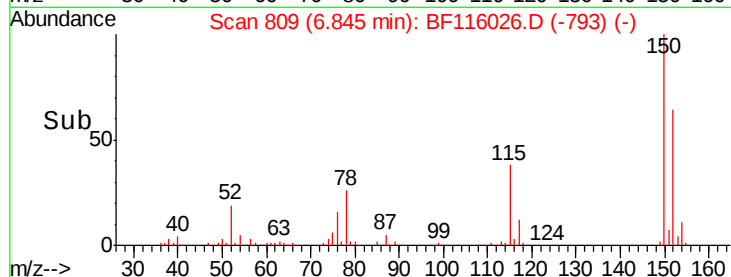
115 59.6 51.8 77.8



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: 0.025 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

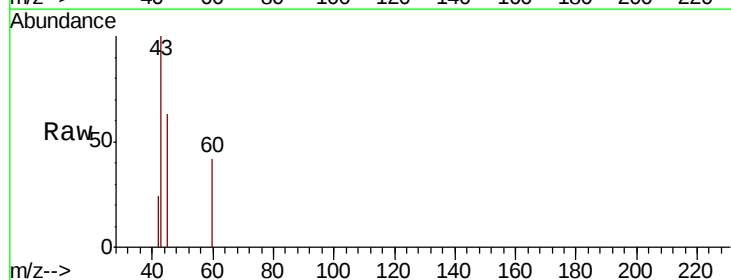
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

42 100

74 0.0 111.0 166.4#

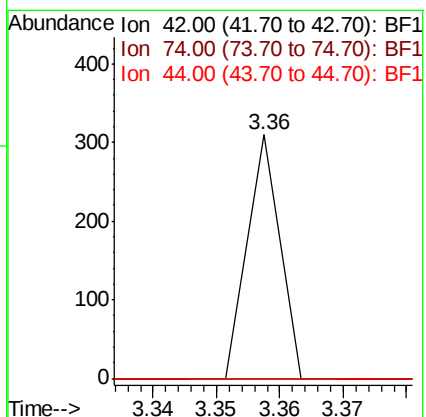
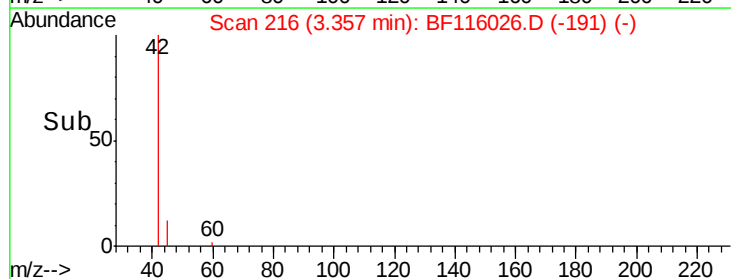
44 0.0 4.7 7.1#

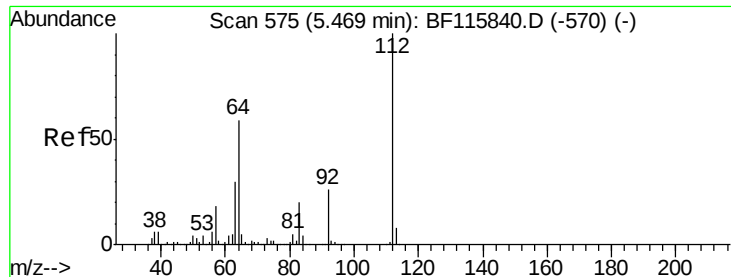


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.598 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

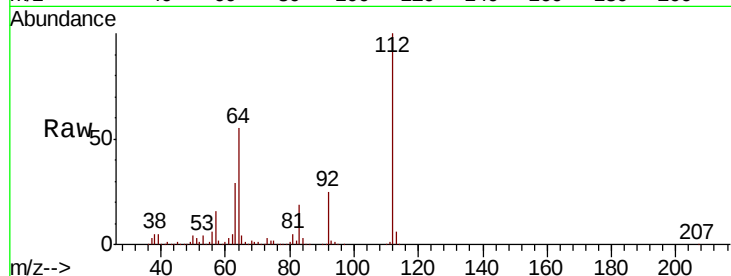
Tot Ion:112 Resp: 898229

Ion Ratio Lower Upper

112 100

64 54.9 46.8 70.2

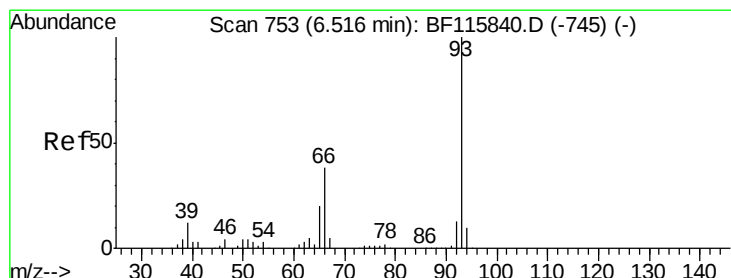
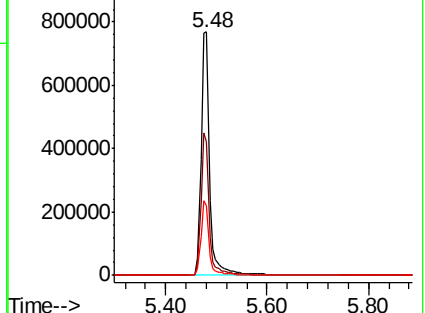
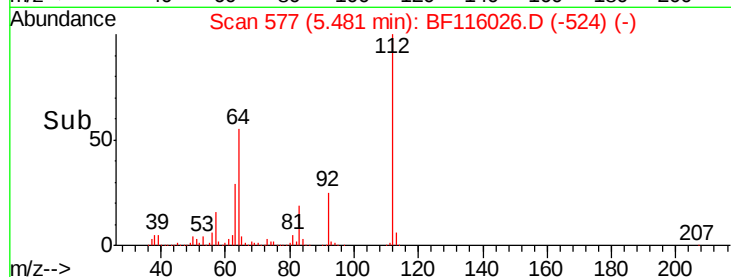
63 28.5 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.092 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.11 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

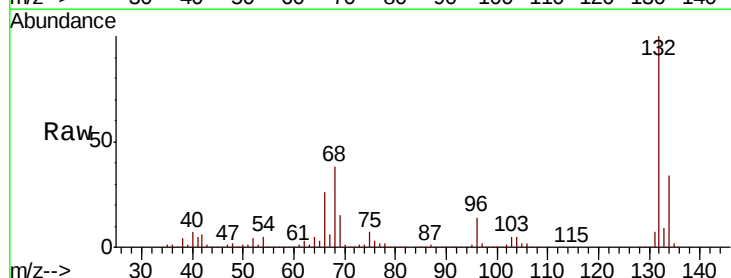
Tgt Ion: 93 Resp: 1275

Ion Ratio Lower Upper

93 100

66 15018.2 31.4 47.0#

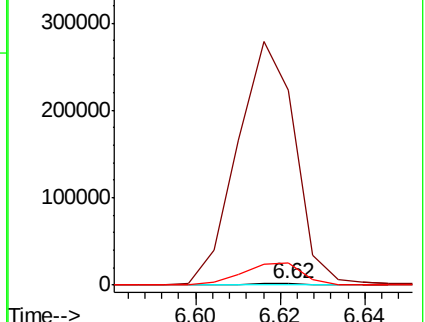
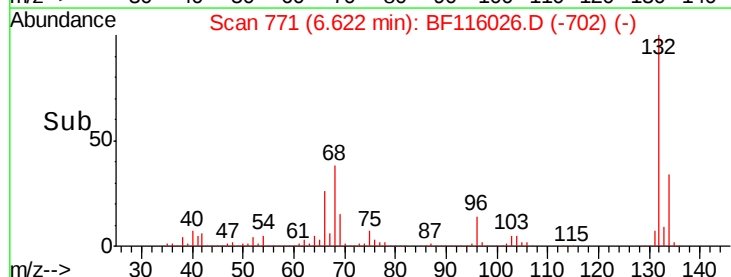
65 1692.2 16.5 24.7#

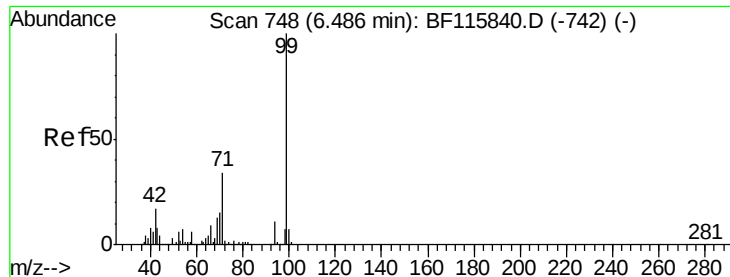


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.646 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

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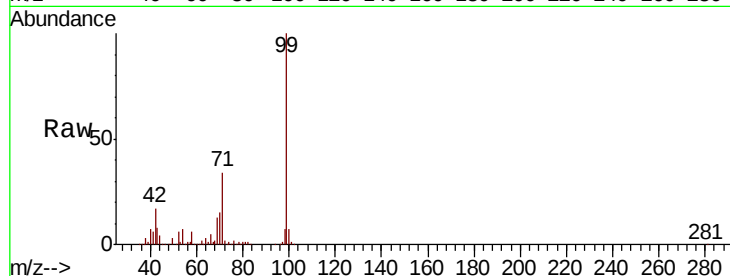
Tot Ion: 99 Resp: 1055983

Ion Ratio Lower Upper

99 100

42 16.5 13.8 20.6

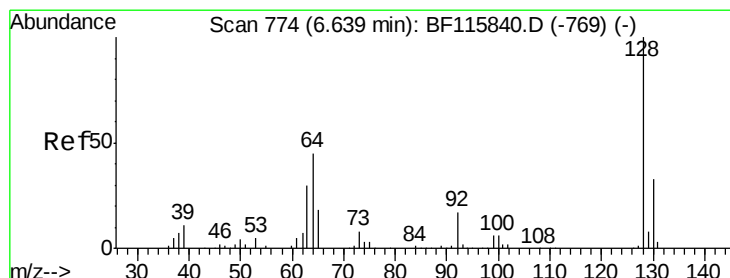
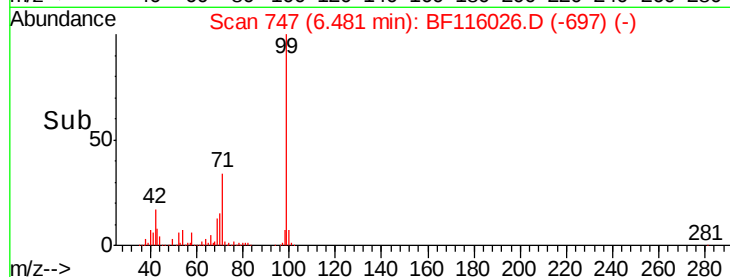
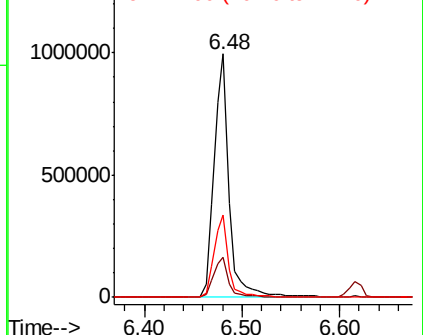
71 33.6 27.1 40.7



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: 0.031 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

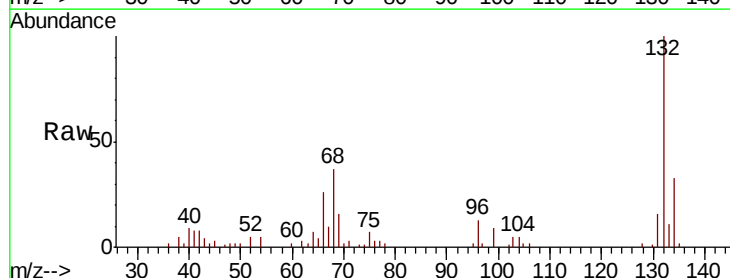
Tgt Ion: 128 Resp: 266

Ion Ratio Lower Upper

128 100

130 82.4 12.9 52.9#

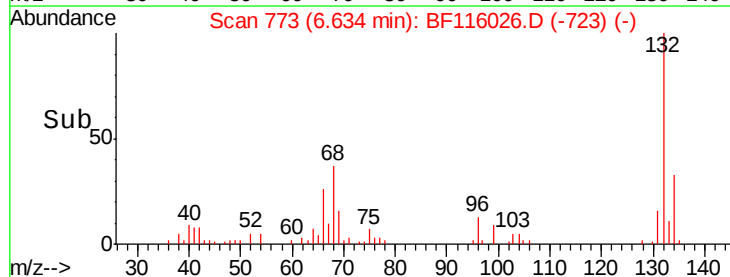
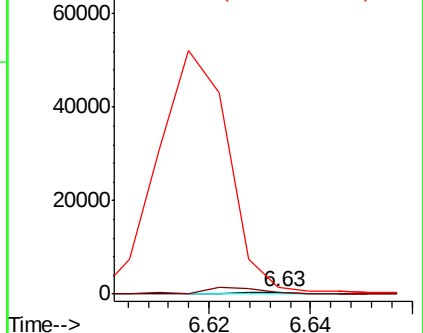
64 373.2 26.1 66.1#

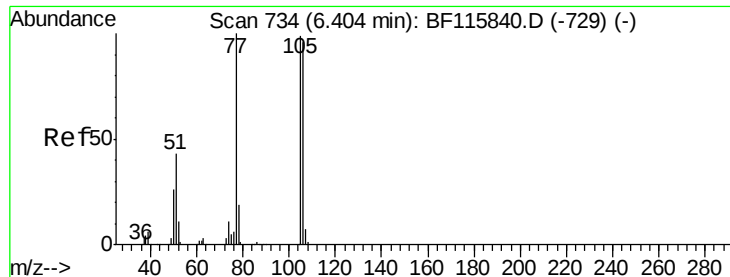


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.232 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

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ClientSampleId :

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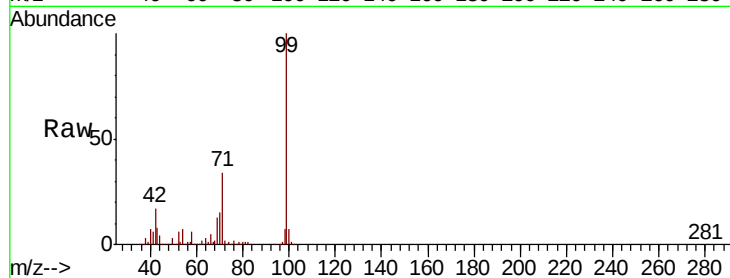
Tot Ion: 77 Resp: 1553

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

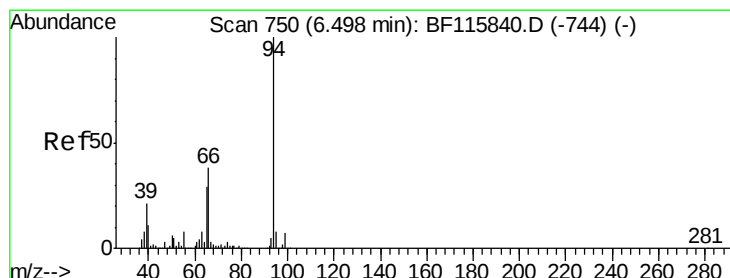
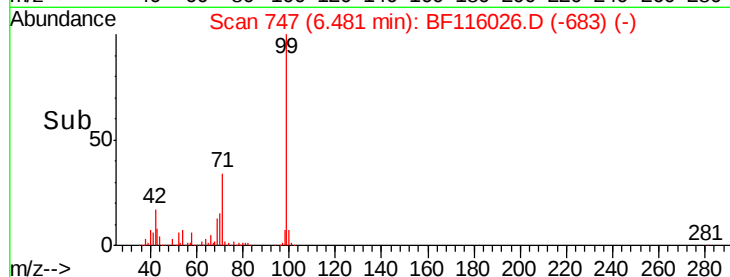
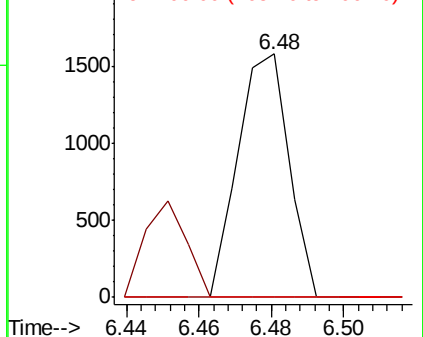
106 0.0 76.2 116.2#



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: 0.192 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

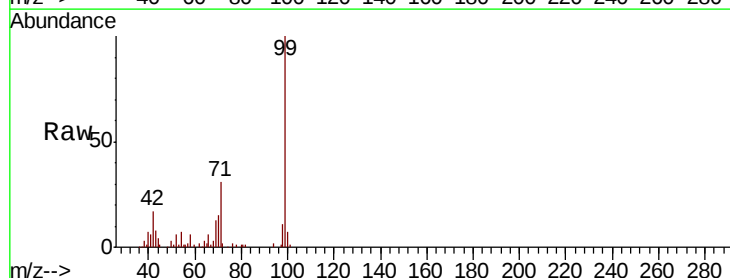
Tgt Ion: 94 Resp: 2192

Ion Ratio Lower Upper

94 100

65 70.4 8.9 48.9#

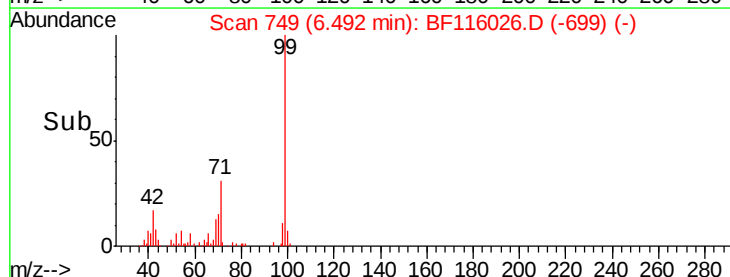
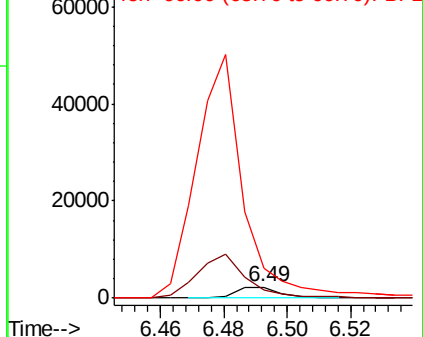
66 271.3 18.0 58.0#

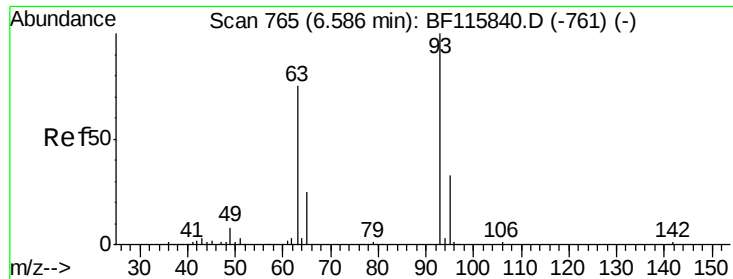


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.152 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.04 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

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

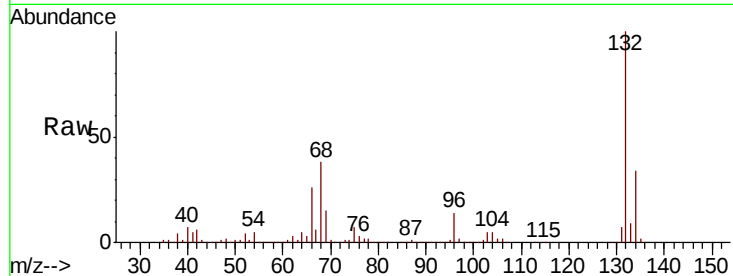
Tot Ion: 93 Resp: 1275

Ion Ratio Lower Upper

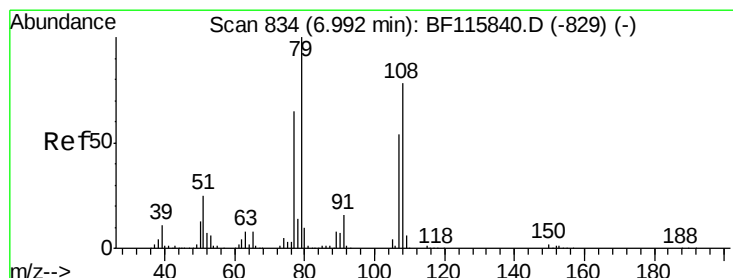
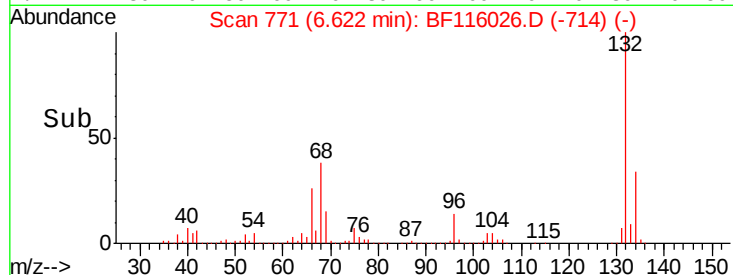
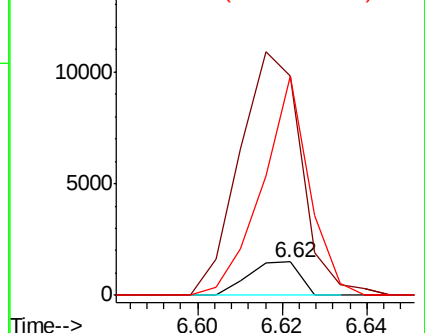
93 100

63 661.3 54.9 94.9#

95 663.0 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: 1.845 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

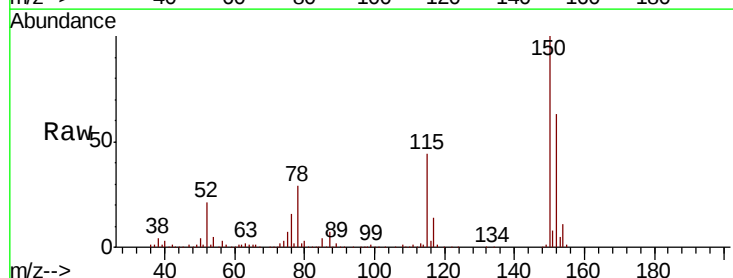
Tgt Ion: 79 Resp: 13611

Ion Ratio Lower Upper

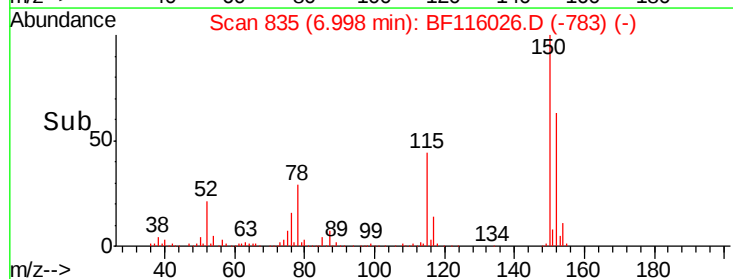
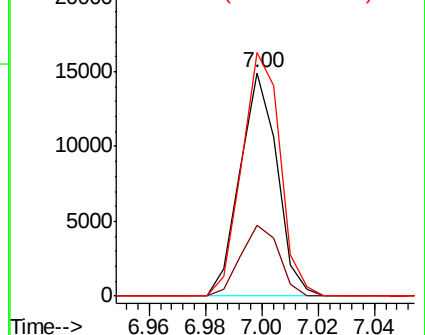
79 100

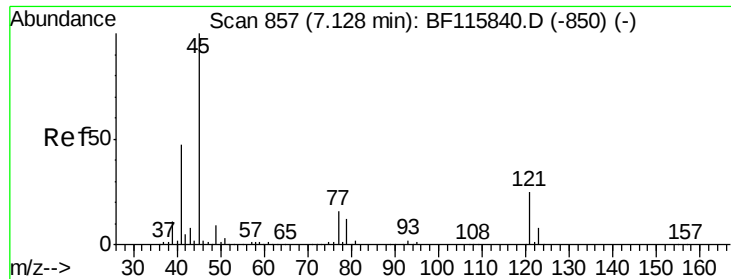
108 31.8 62.8 94.2#

77 108.8 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

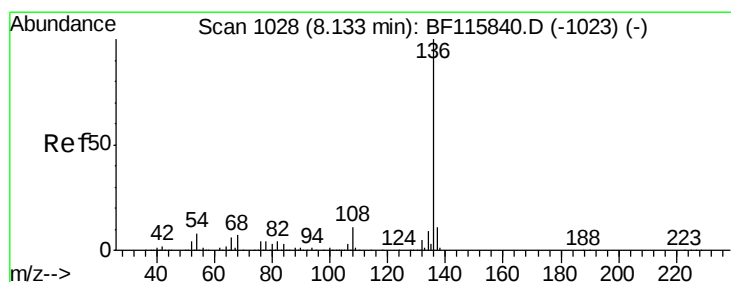
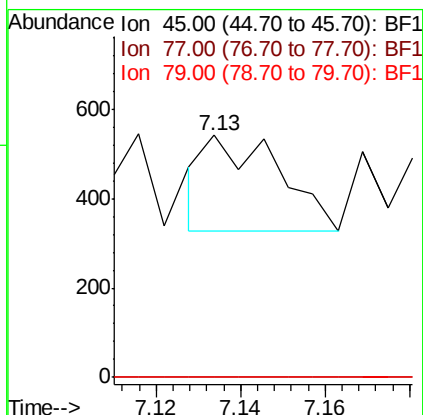
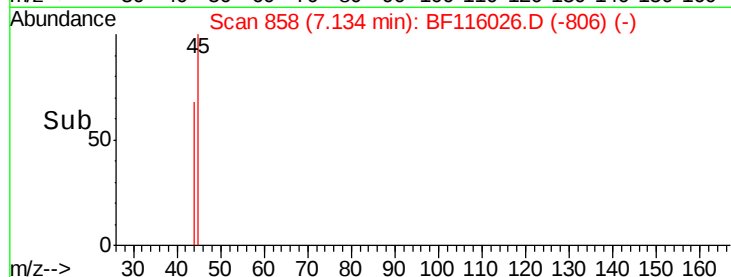
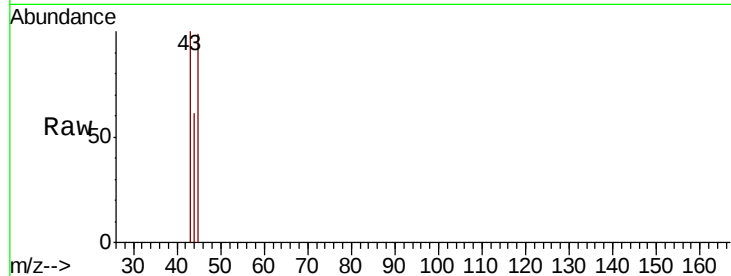




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.023 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

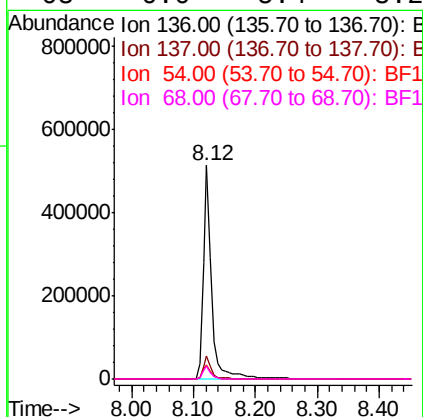
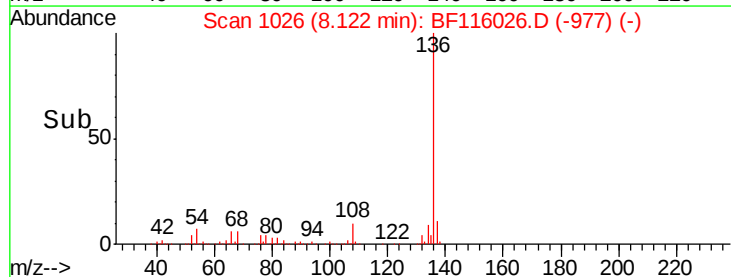
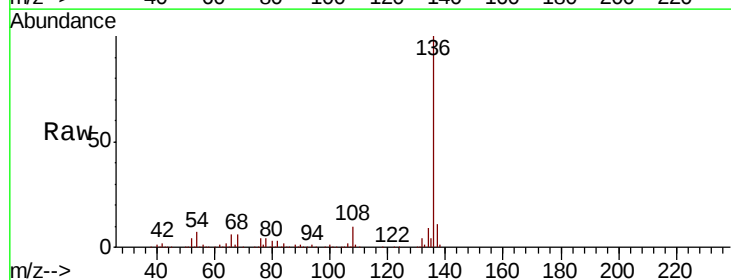
Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

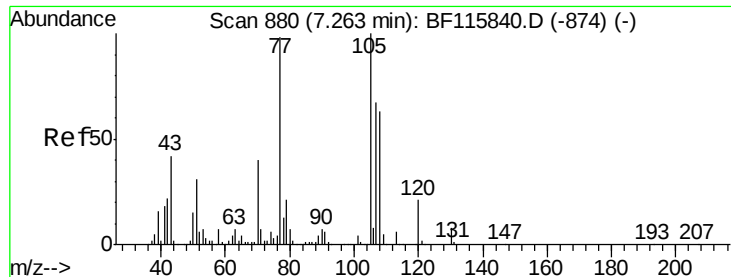
Tot Ion: 45 Resp: 261
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion: 136 Resp: 496331
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.8 6.1 9.1
68 6.0 5.4 8.2





#22

Acetophenone

Concen: 0.073 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:105 Resp: 793

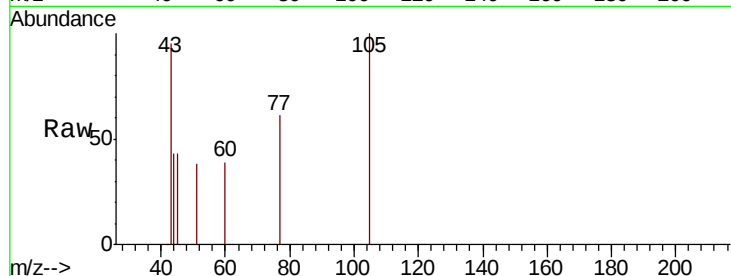
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 37.9 24.6 36.8#

120 0.0 17.0 25.6#



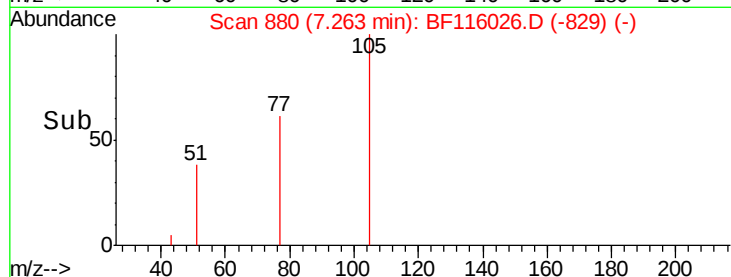
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

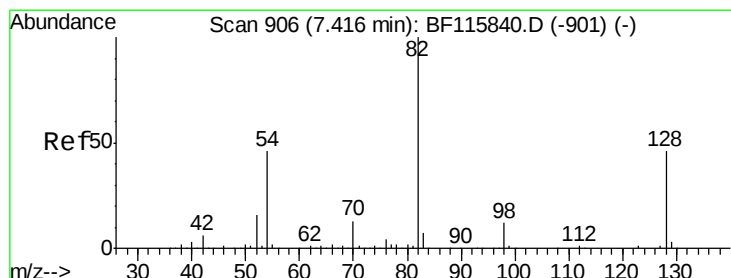
Ion 120.00 (119.70 to 120.70): E

Time-->



7.26

Time-->



#23

Nitrobenzene-d5

Concen: 95.059 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

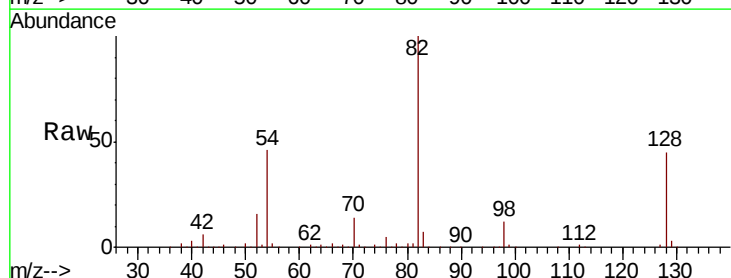
Tgt Ion: 82 Resp: 817360

Ion Ratio Lower Upper

82 100

128 45.0 36.6 55.0

54 45.7 36.6 55.0

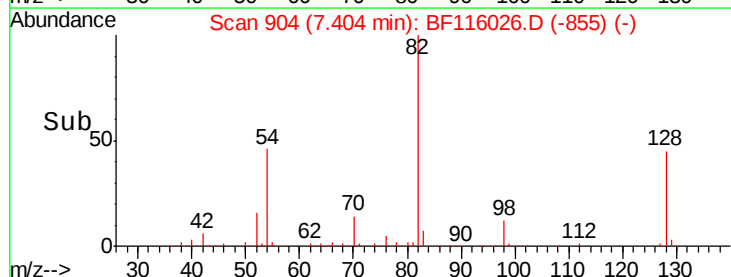


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

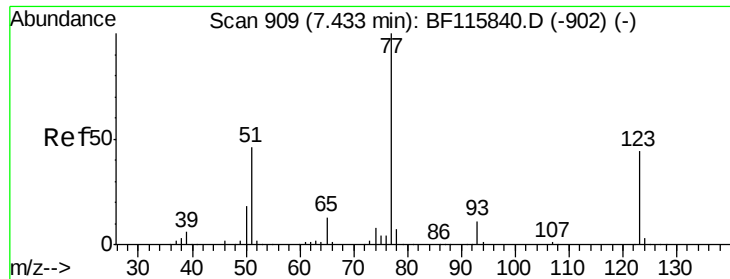
Ion 54.00 (53.70 to 54.70): BF1

Time-->



7.40

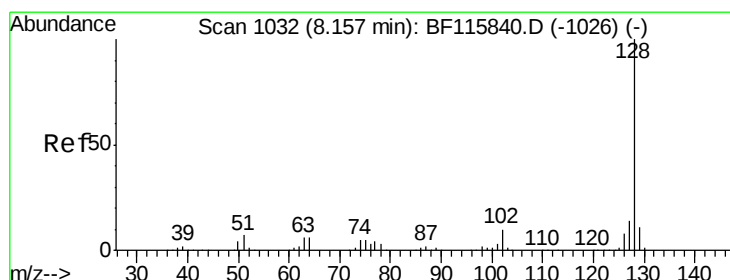
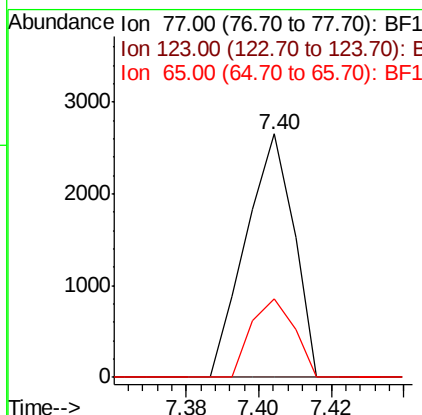
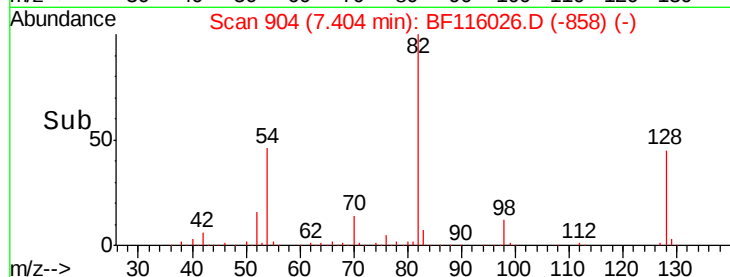
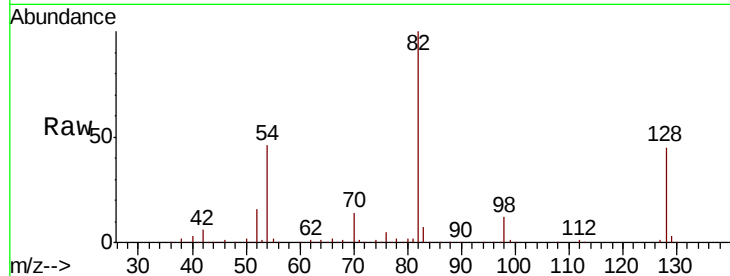
Time-->



#24
Nitrobenzene
Concen: 0.262 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

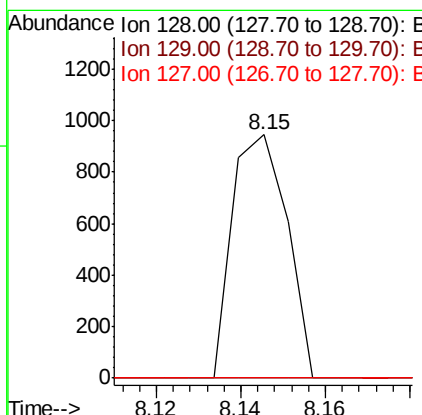
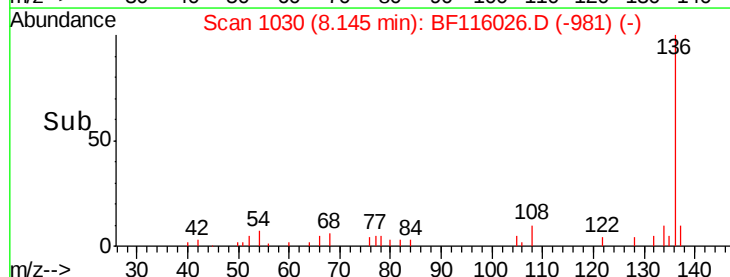
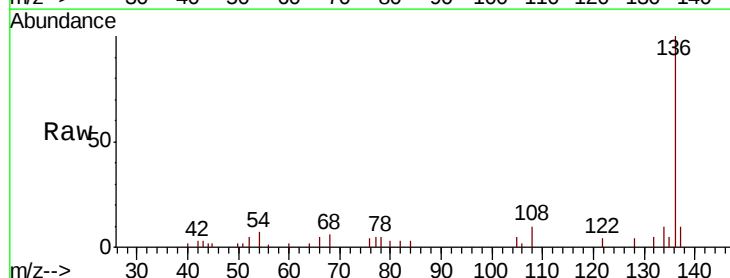
Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

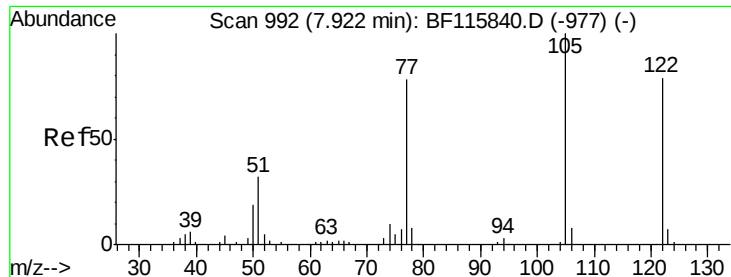
Tot Ion: 77 Resp: 2435
Ion Ratio Lower Upper
77 100
123 0.0 35.5 53.3#
65 32.4 10.6 15.8#



#31
Naphthalene
Concen: 0.036 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion: 128 Resp: 850
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 0.0 11.0 16.4#

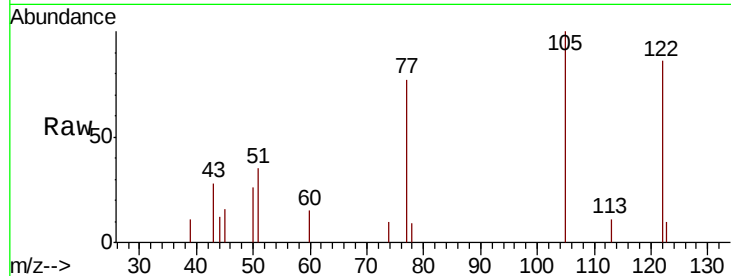




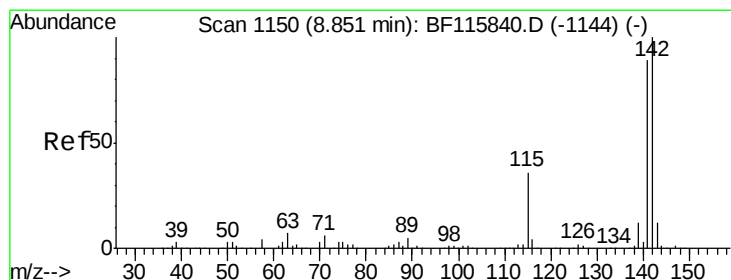
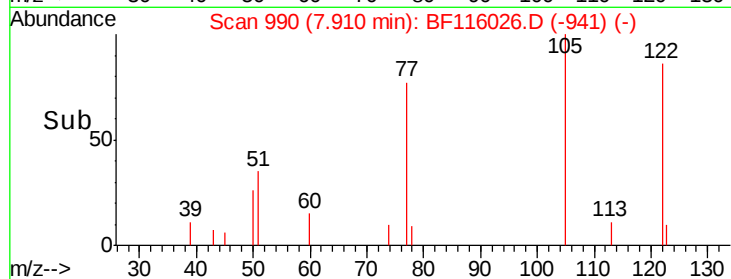
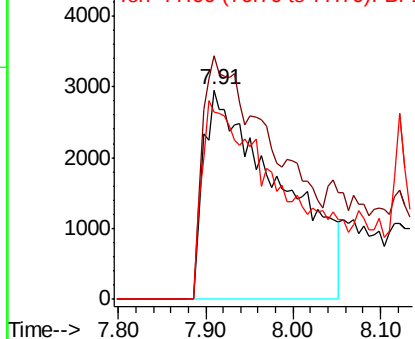
#32
Benzoic acid
Concen: 3.834 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

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

Tot Ion:122 Resp: 17797
Ion Ratio Lower Upper
122 100
105 116.4 103.1 143.1
77 89.5 76.8 116.8

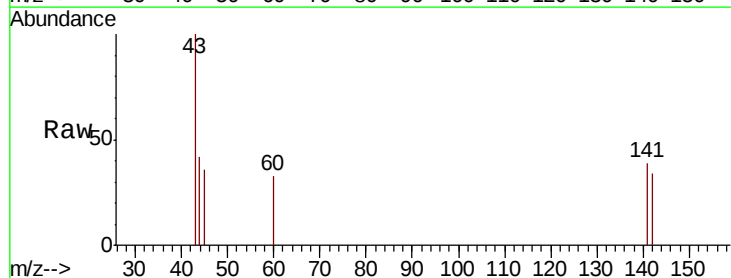


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

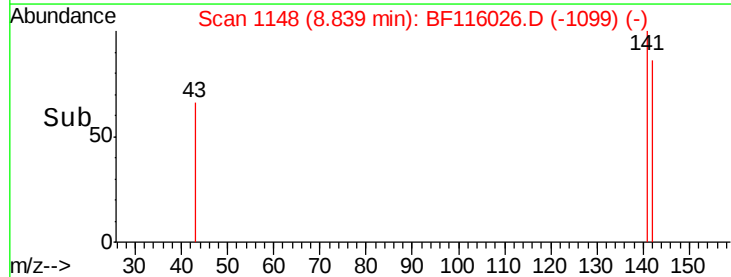
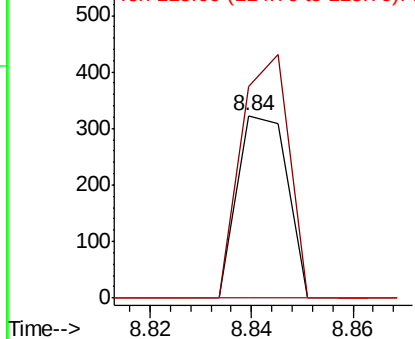


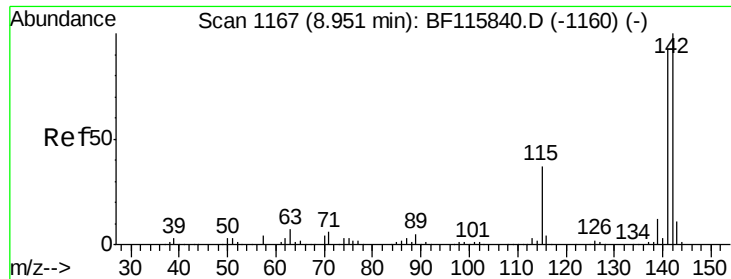
#37
2-Methylnaphthalene
Concen: 0.014 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
141 116.1 71.4 107.2#
115 0.0 28.9 43.3#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

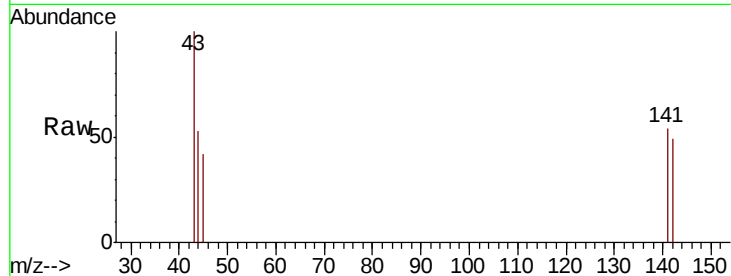




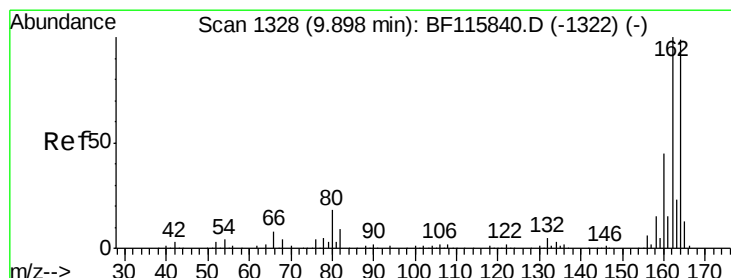
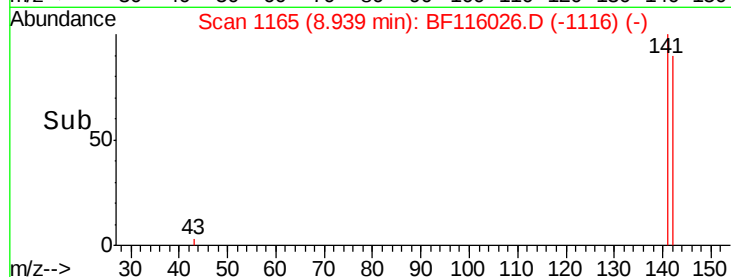
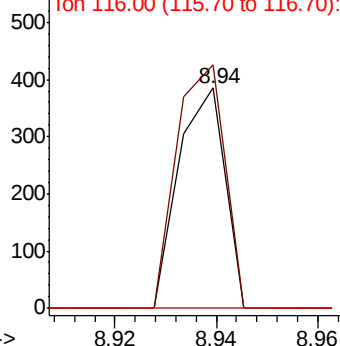
#38
1-Methylnaphthalene
Concen: 0.017 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

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

Tot Ion:142 Resp: 244
Ion Ratio Lower Upper
142 100
141 110.6 73.8 110.6#
116 0.0 3.1 4.7#

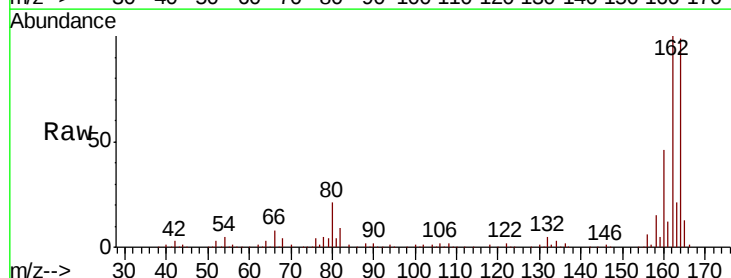


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

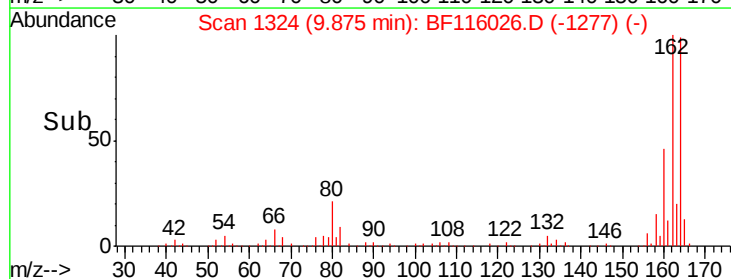
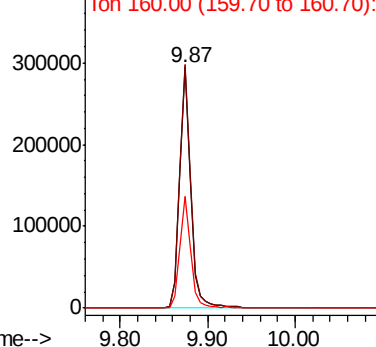


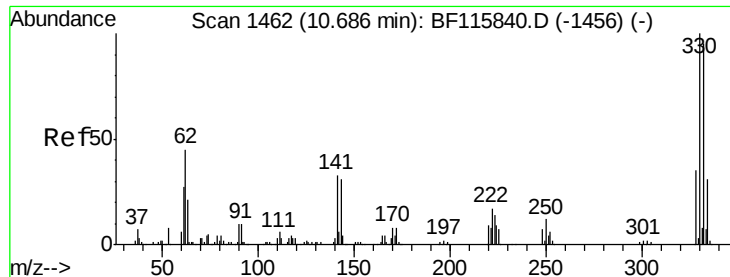
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:164 Resp: 263427
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 46.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 140.201 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

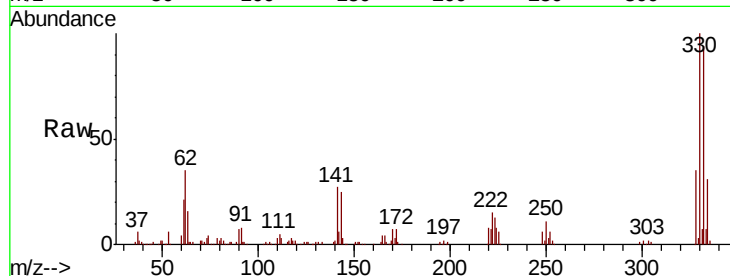
Tot Ion:330 Resp: 358072

Ion Ratio Lower Upper

330 100

332 94.7 77.7 116.5

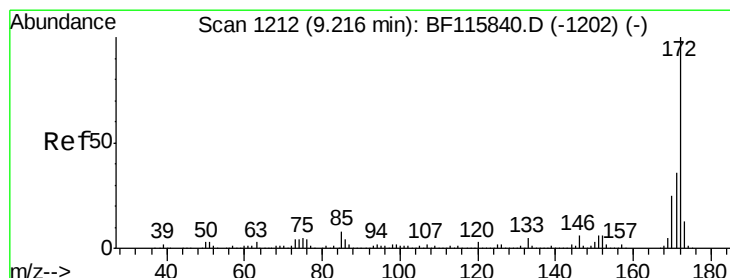
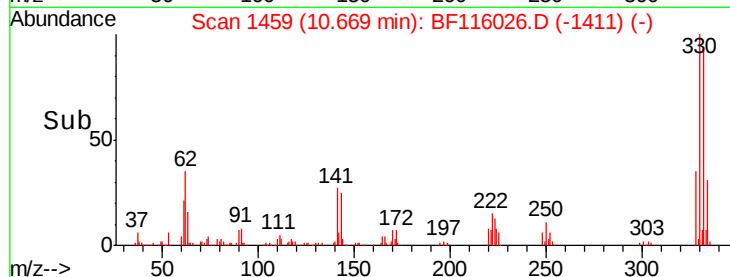
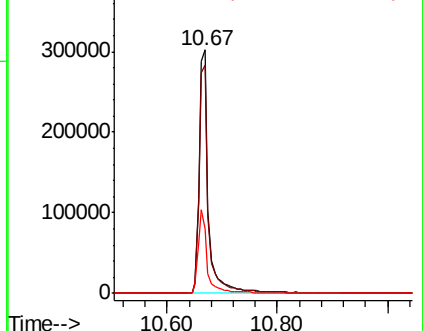
141 33.7 28.1 42.1



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: 100.161 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

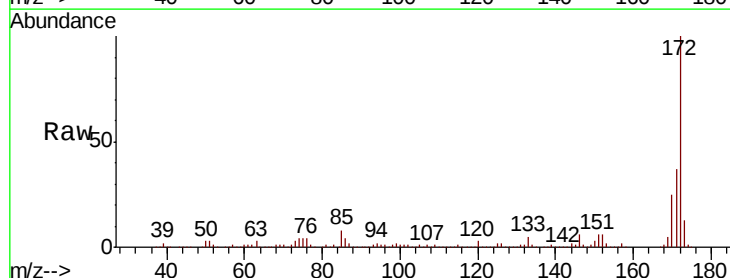
Tgt Ion:172 Resp: 1408658

Ion Ratio Lower Upper

172 100

171 36.8 29.1 43.7

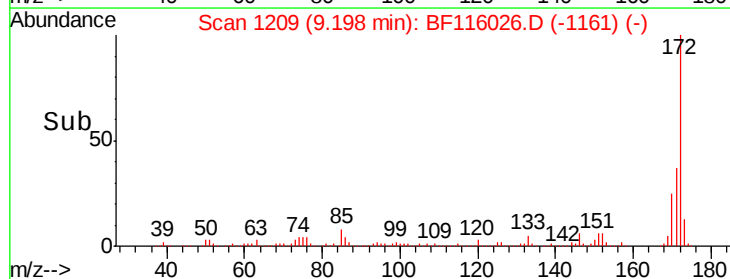
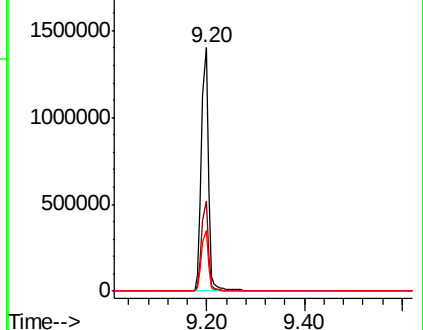
170 25.0 20.1 30.1

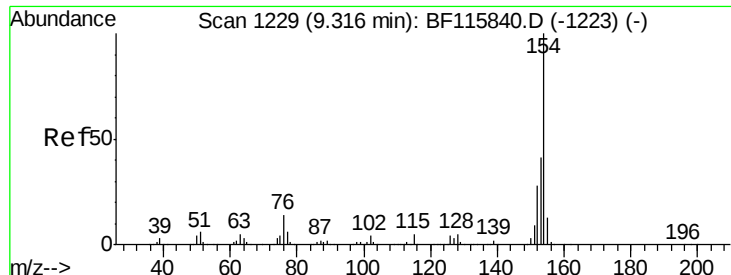


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

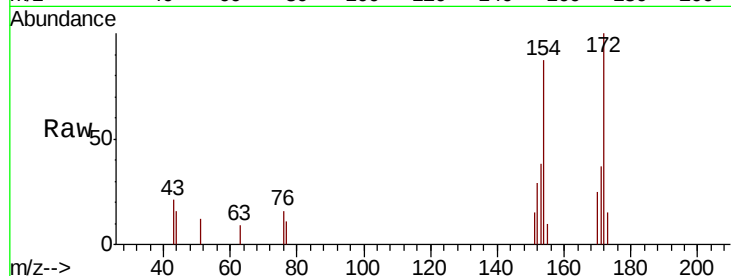




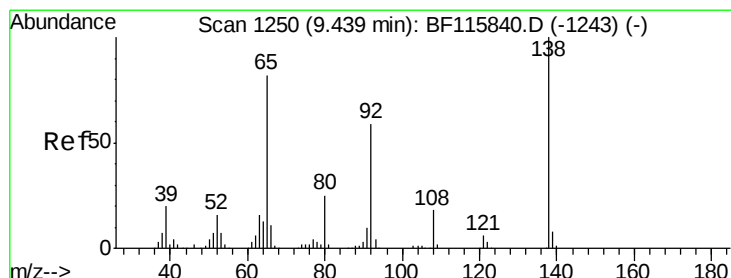
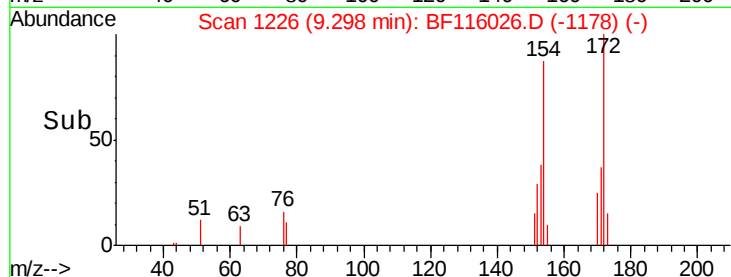
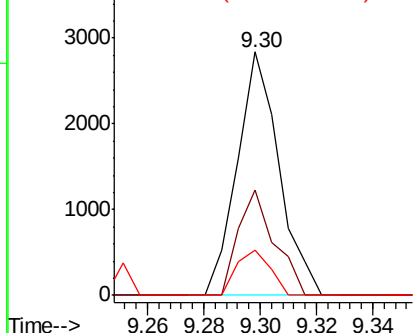
#46
 1,1'-Biphenyl
 Concen: 0.157 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

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

Tot Ion:	154	Resp:	2918
Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.9	60.9
76	18.5	0.0	34.3

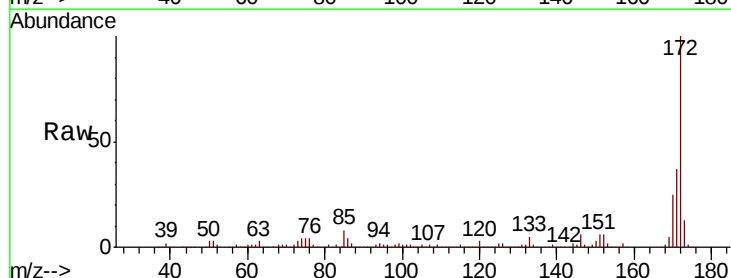


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

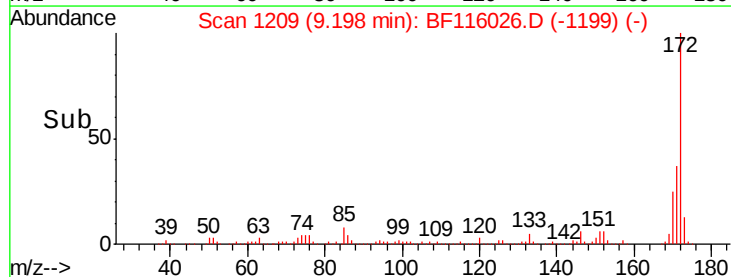
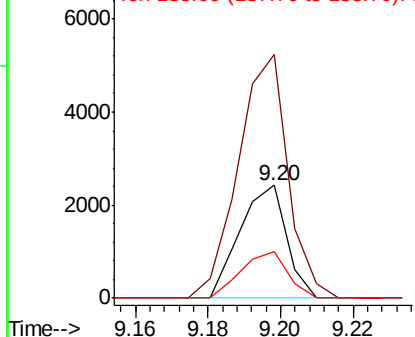


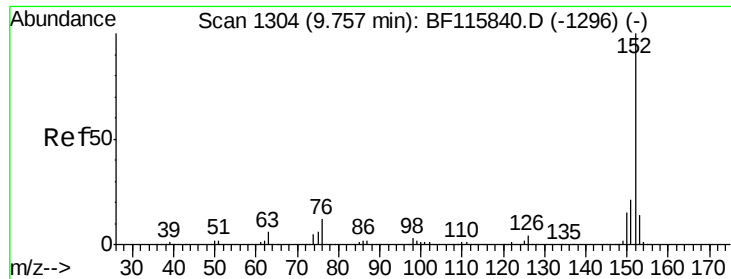
#48
 2-Nitroaniline
 Concen: 0.425 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.24 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

Tgt Ion:	65	Resp:	2177
Ion	Ratio	Lower	Upper
65	100		
92	215.7	57.1	85.7#
138	41.8	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: 0.011 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.15 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

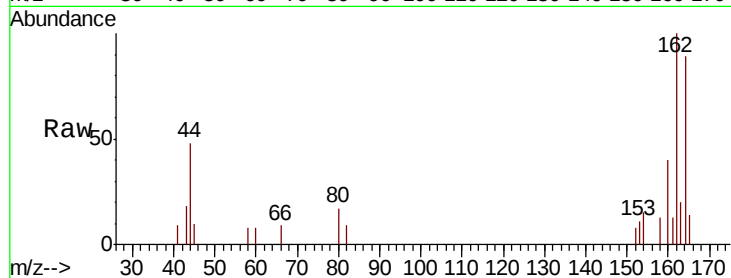
Tot Ion:152 Resp: 241

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

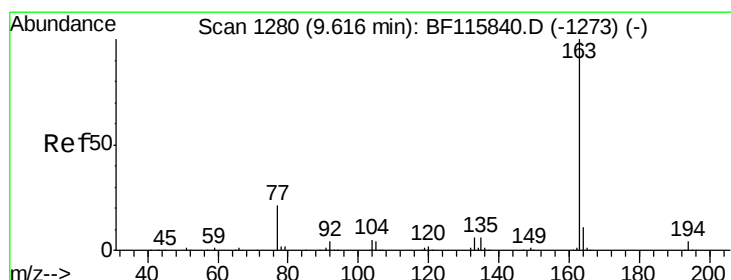
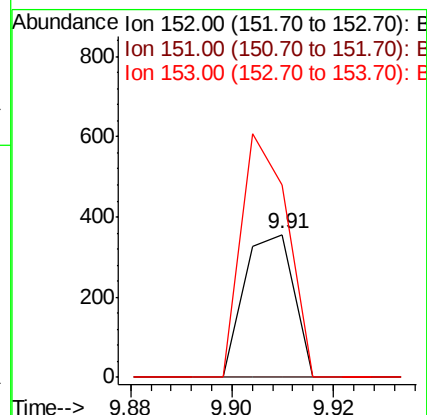
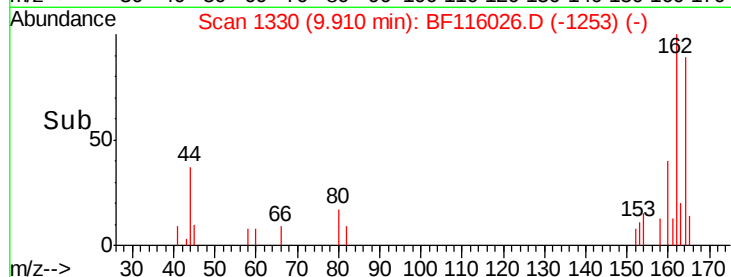
153 134.6 11.6 17.4#



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: 0.225 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

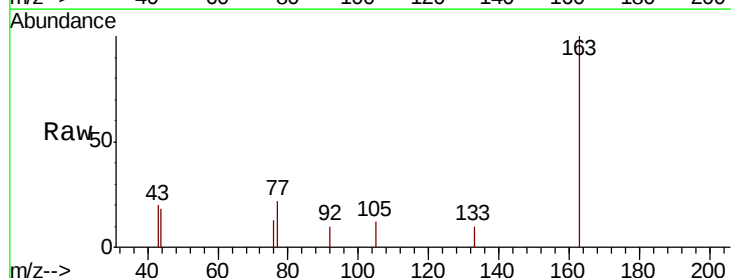
Tgt Ion:163 Resp: 4027

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

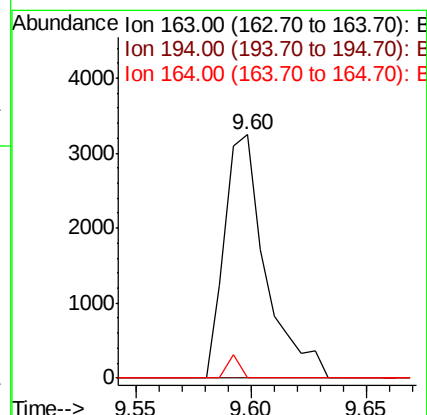
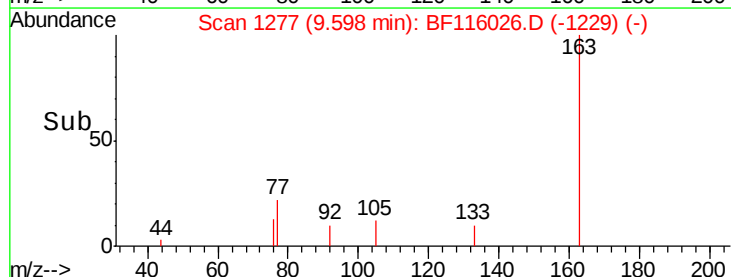
164 0.0 8.4 12.6#

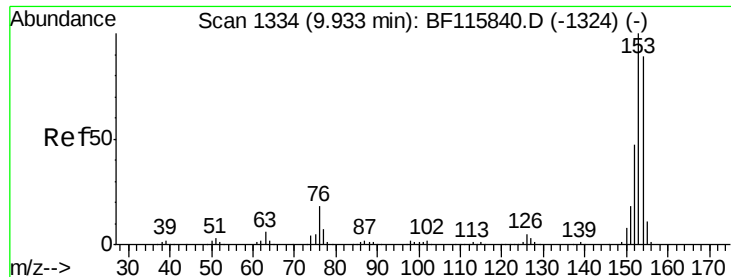


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.032 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

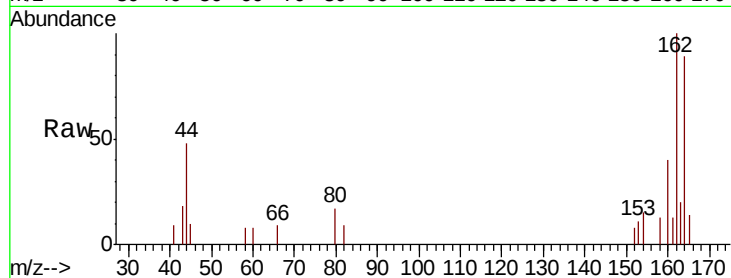
Tot Ion:154 Resp: 444

Ion Ratio Lower Upper

154 100

153 72.9 90.1 135.1#

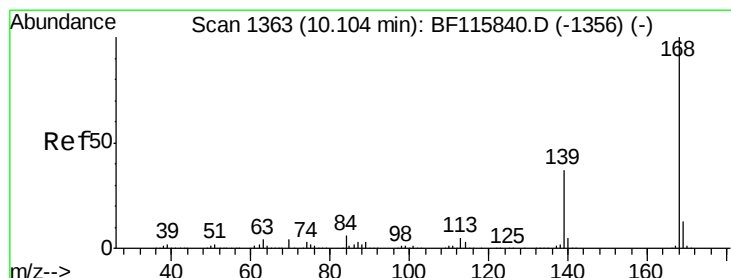
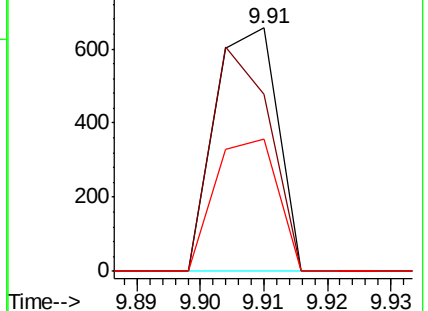
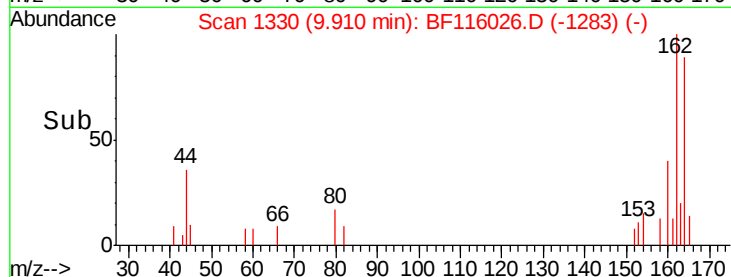
152 54.2 42.6 63.8



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: 0.014 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

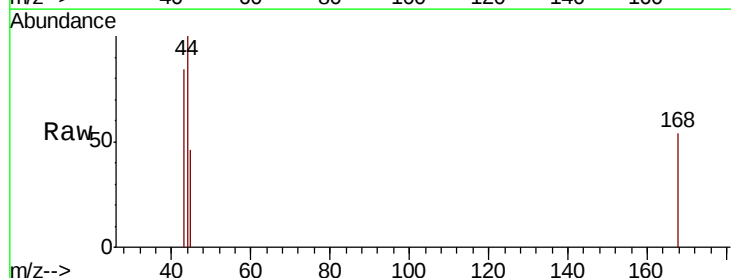
Tgt Ion:168 Resp: 273

Ion Ratio Lower Upper

168 100

139 0.0 30.2 45.2#

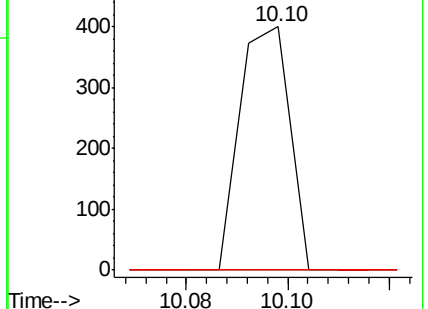
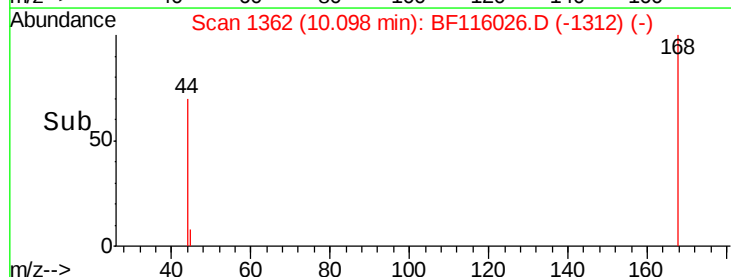
169 0.0 10.8 16.2#

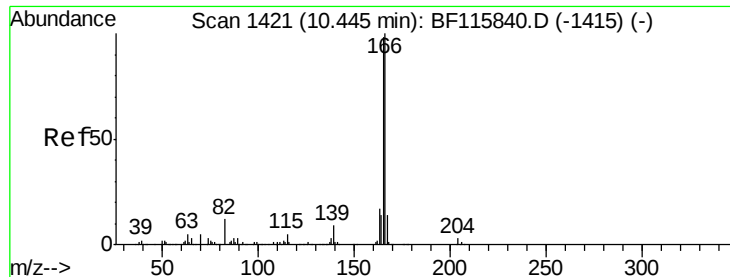


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 0.910 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.22 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

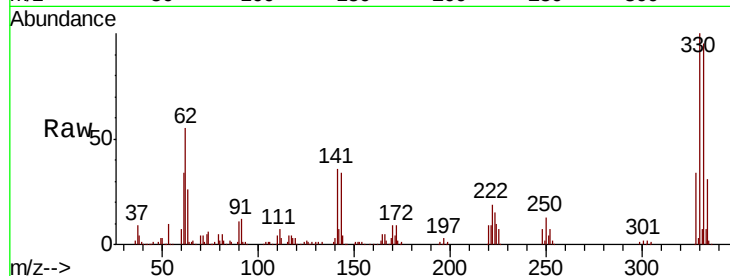
Tot Ion:166 Resp: 14108

Ion Ratio Lower Upper

166 100

165 102.9 78.6 118.0

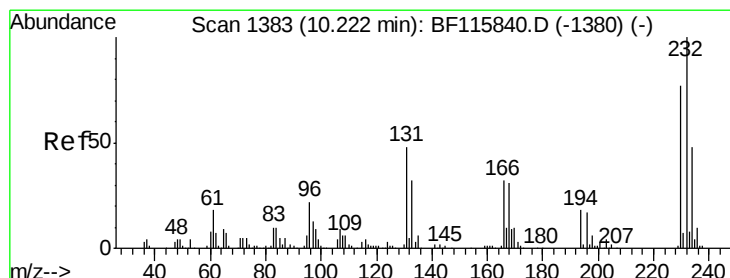
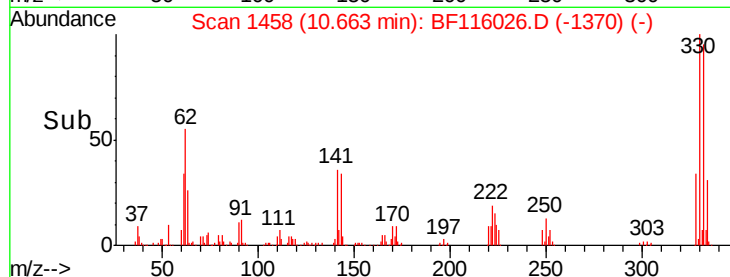
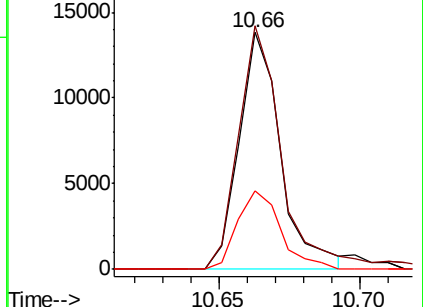
167 33.3 10.9 16.3#



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



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.166 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Tgt Ion:232 Resp: 701

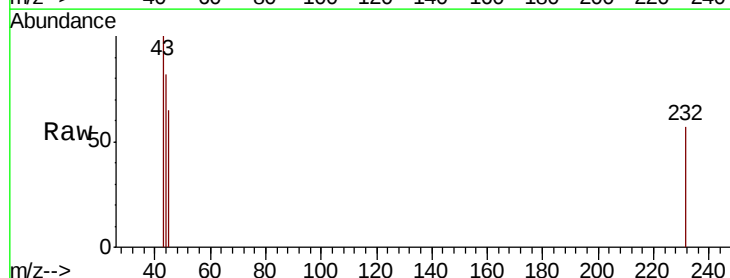
Ion Ratio Lower Upper

232 100

131 0.0 37.6 56.4#

130 0.0 1.8 2.8#

166 0.0 24.6 37.0#

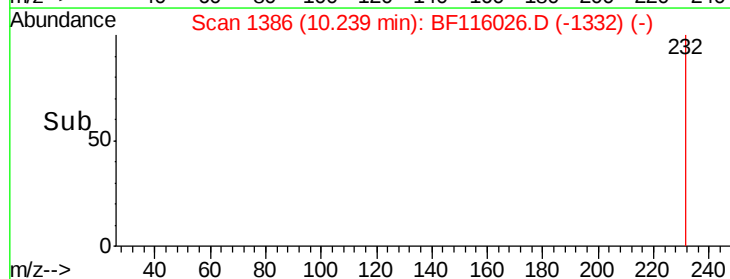
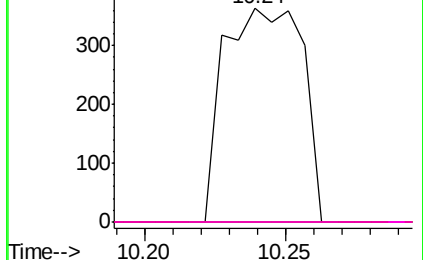


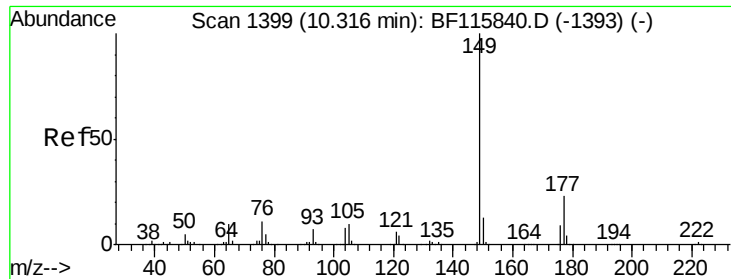
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

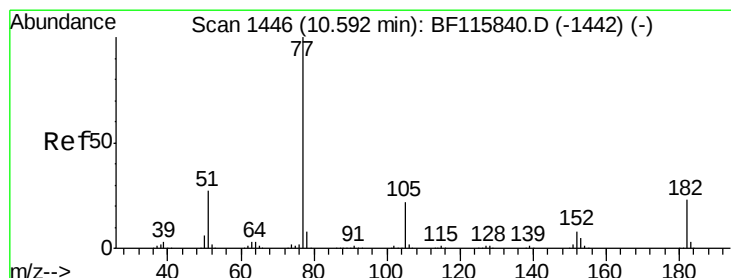
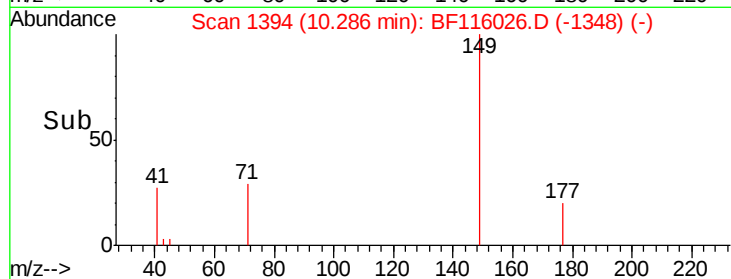
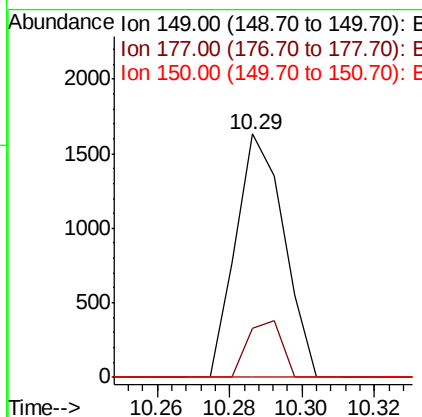
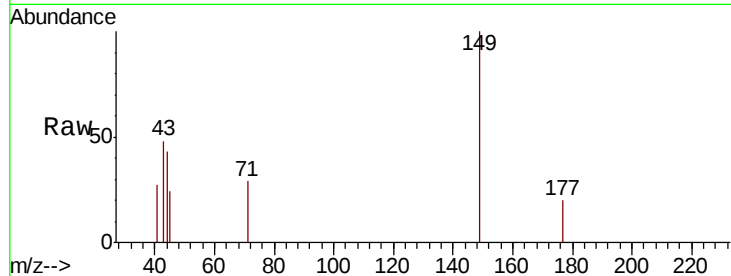




#60
 Diethylphthalate
 Concen: 0.091 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

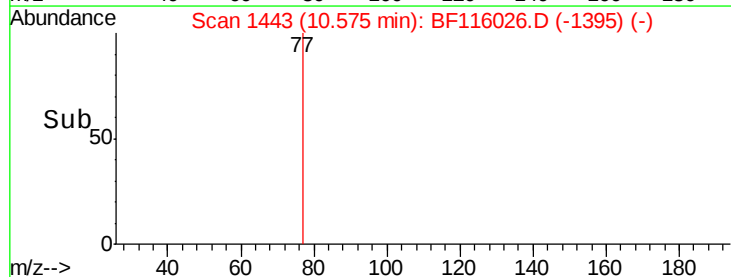
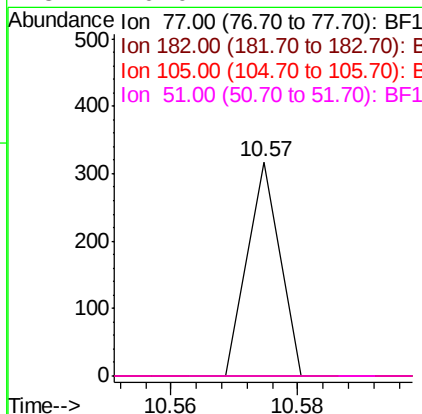
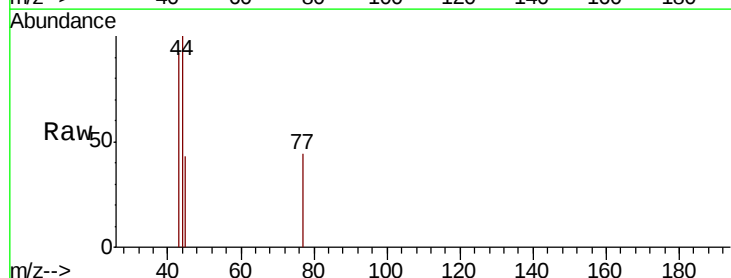
Instrument :
 BNA_F
 ClientSampleId :
 1S-L-(0-30)-COMP

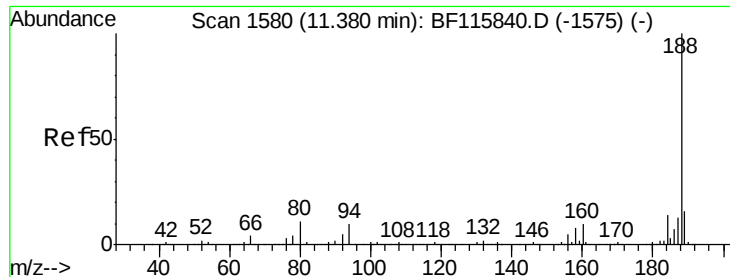
Tot Ion:149 Resp: 1520
 Ion Ratio Lower Upper
 149 100
 177 20.3 18.4 27.6
 150 0.0 10.1 15.1#



#63
 Azobenzene
 Concen: 0.007 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

Tgt Ion: 77 Resp: 112
 Ion Ratio Lower Upper
 77 100
 182 0.0 2.6 42.6#
 105 0.0 1.6 41.6#
 51 0.0 7.4 47.4#

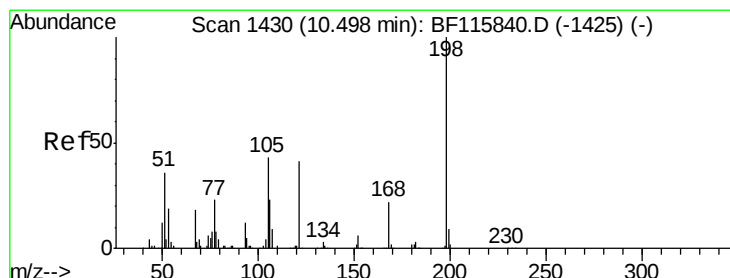
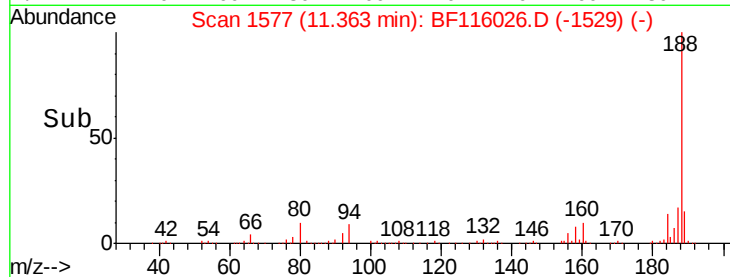
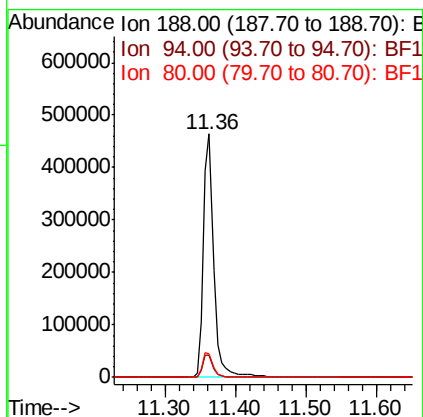
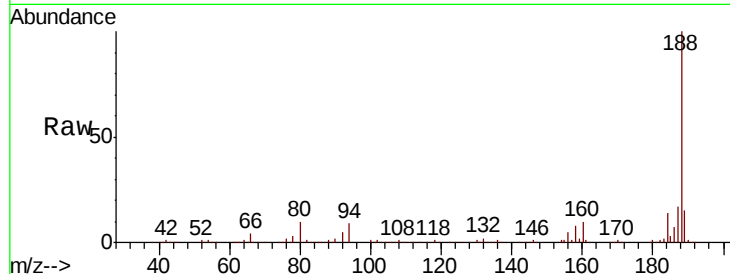




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

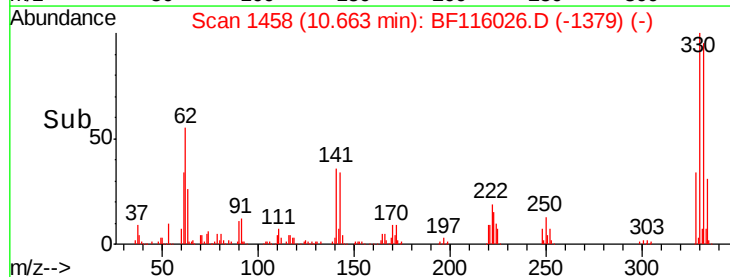
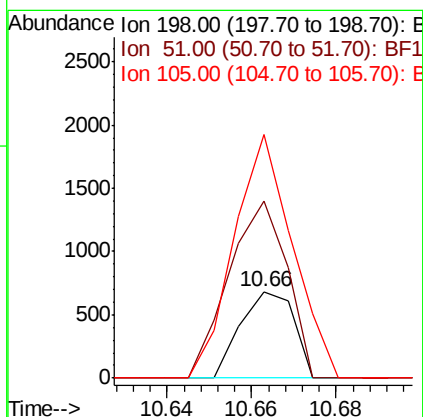
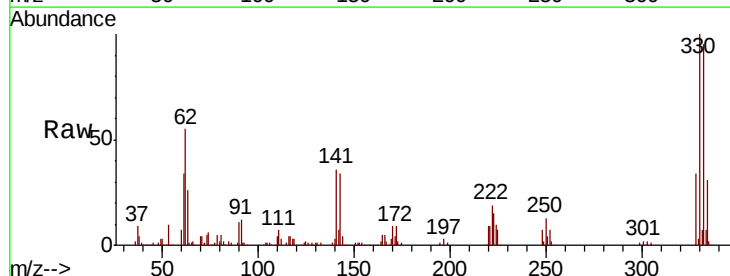
Instrument :
 BNA_F
 ClientSampleId :
 1S-L-(0-30)-COMP

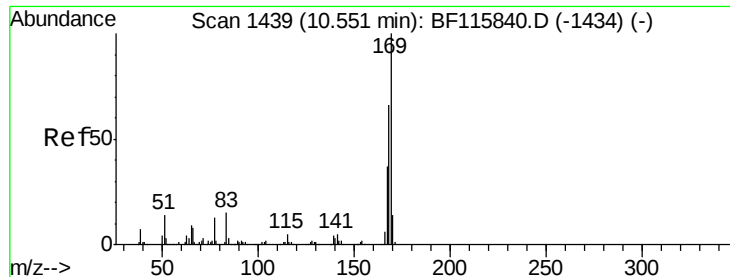
Tot Ion:188 Resp: 474491
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.0 12.0
 80 9.5 8.6 12.8



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.239 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.16 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

Tgt Ion:198 Resp: 601
 Ion Ratio Lower Upper
 198 100
 51 204.2 21.1 61.1#
 105 281.3 24.5 64.5#

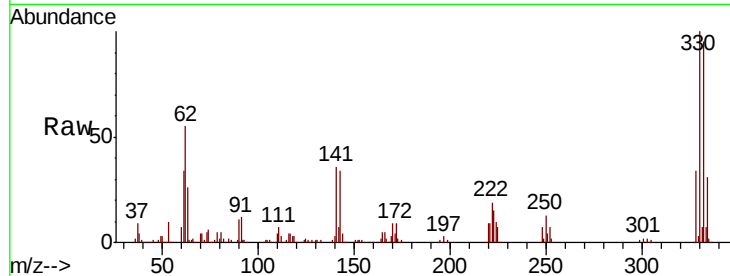




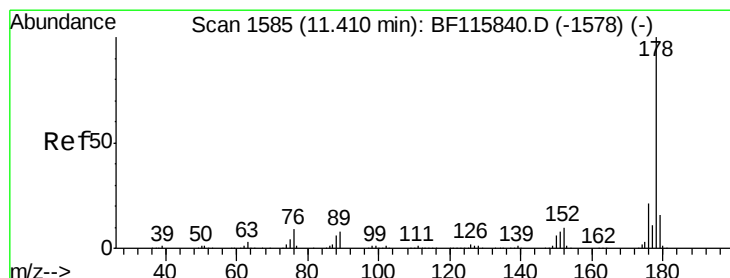
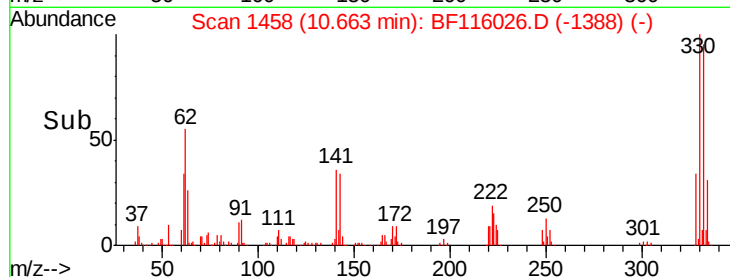
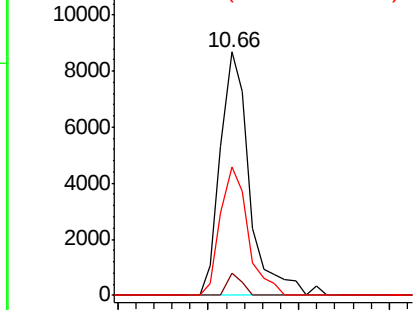
#66
n-Nitrosodiphenylamine
Concen: 0.686 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.11 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

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

Tot Ion:169 Resp: 9793
Ion Ratio Lower Upper
169 100
168 9.3 53.0 79.6#
167 53.0 29.9 44.9#

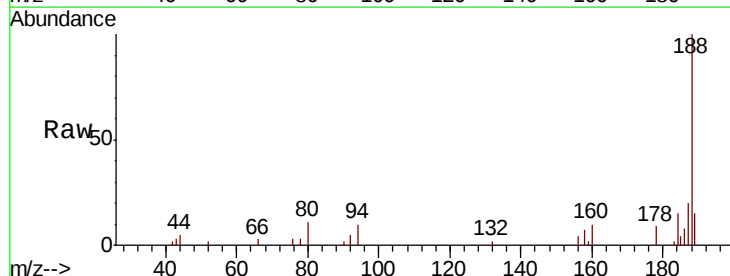


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

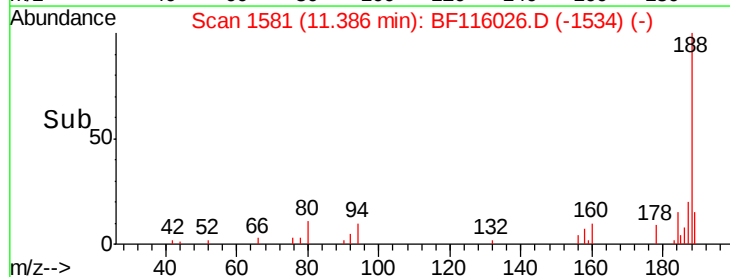
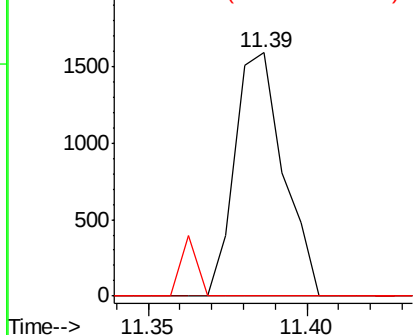


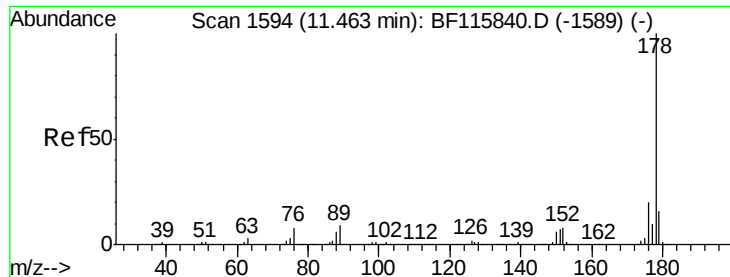
#71
Phenanthrene
Concen: 0.070 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:178 Resp: 1691
Ion Ratio Lower Upper
178 100
176 0.0 16.5 24.7#
179 0.0 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

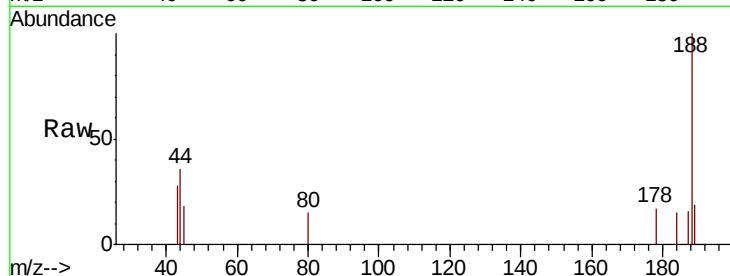




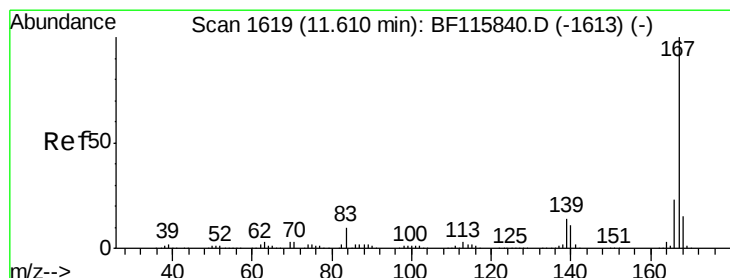
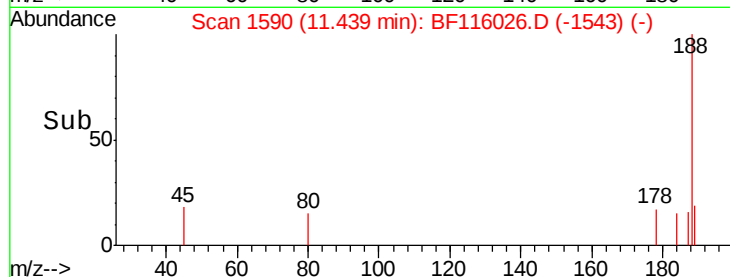
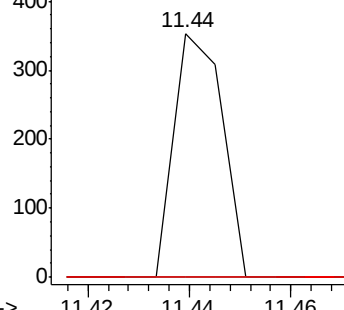
#72
 Anthracene
 Concen: 0.009 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.02 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

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

Tot Ion:178 Resp: 233
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.4 18.6#

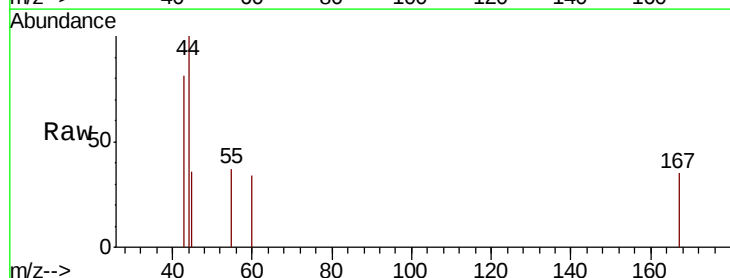


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

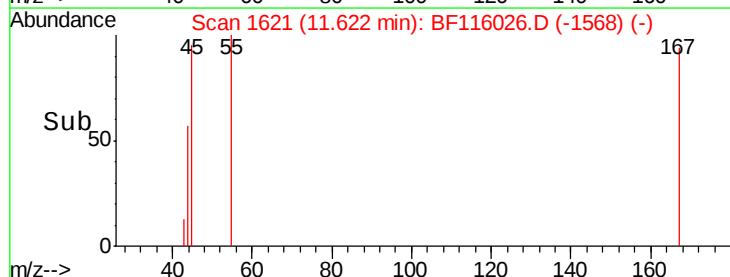
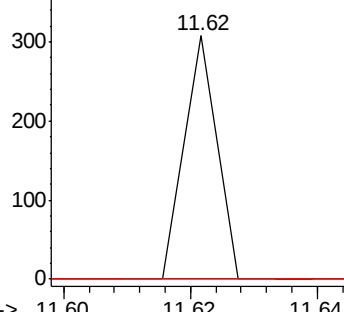


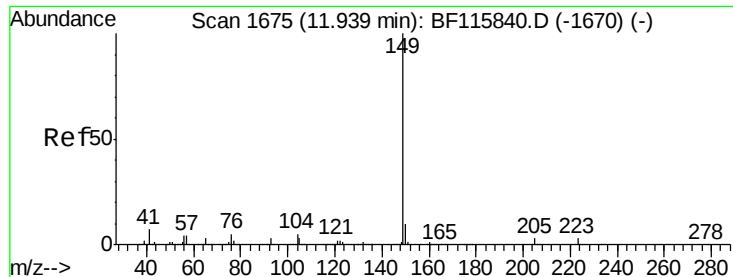
#73
 Carbazole
 Concen: 0.005 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF116026.D
 Acq: 6 Aug 2019 21:08

Tgt Ion:167 Resp: 109
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.0 27.0#
 139 0.0 11.4 17.2#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

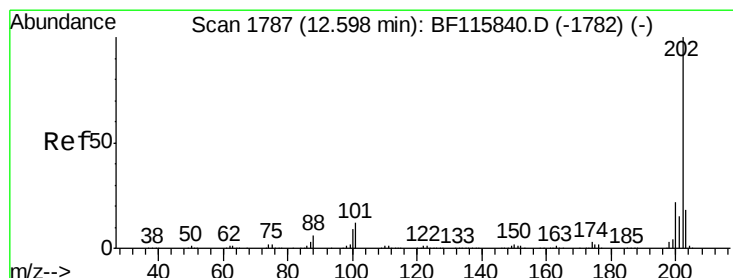
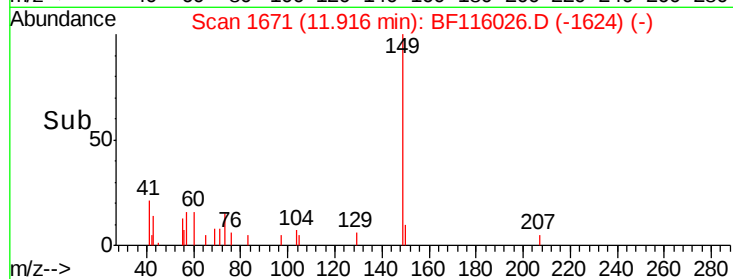
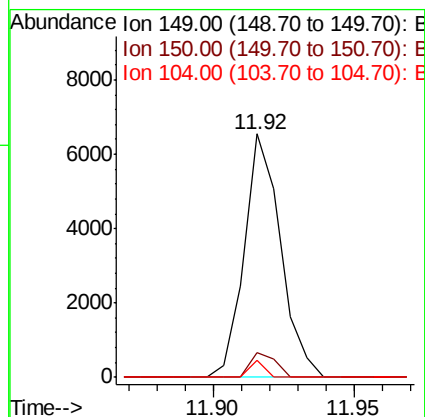
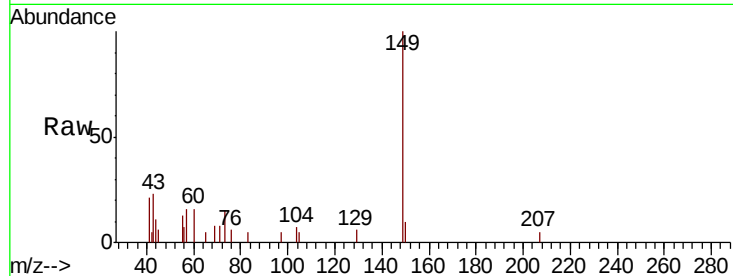




#74
Di-n-butylphthalate
Concen: 0.225 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

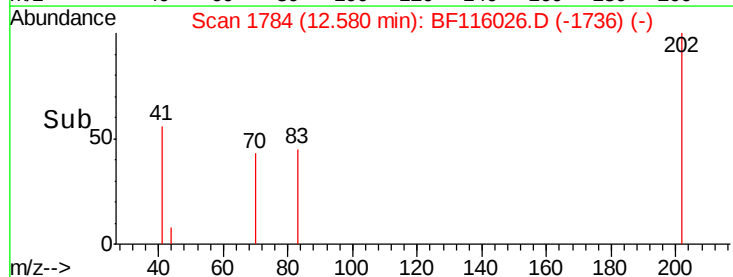
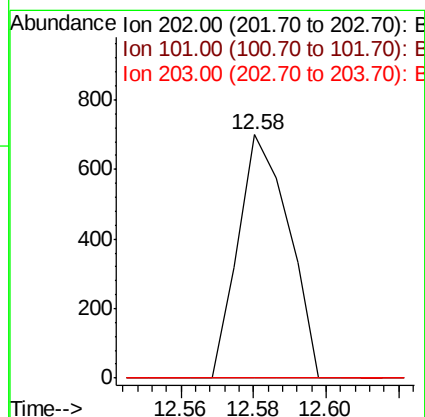
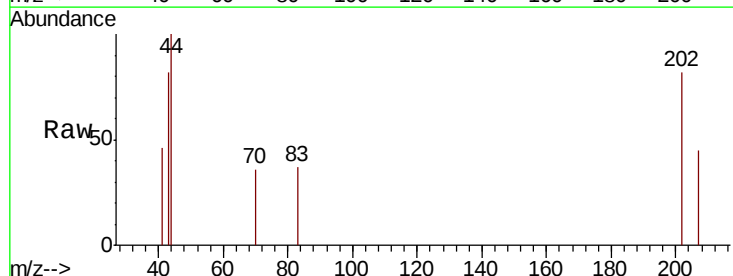
Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

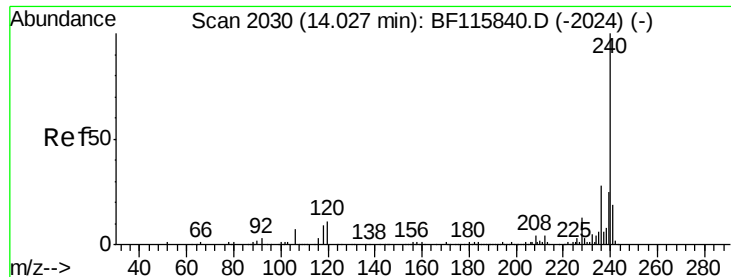
Tot Ion:149 Resp: 5847
Ion Ratio Lower Upper
149 100
150 10.0 7.7 11.5
104 6.8 4.3 6.5#



#75
Fluoranthene
Concen: 0.027 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:202 Resp: 680
Ion Ratio Lower Upper
202 100
101 0.0 0.0 31.5
203 0.0 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: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

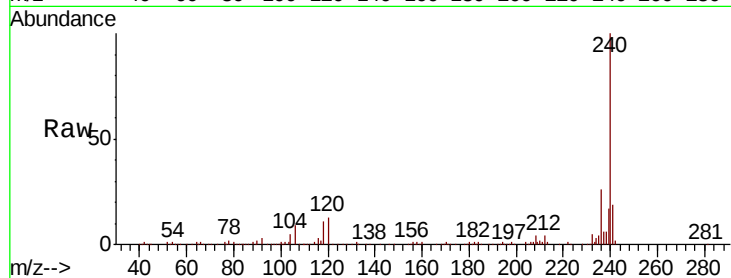
Tot Ion:240 Resp: 347612

Ion Ratio Lower Upper

240 100

120 12.6 8.5 12.7

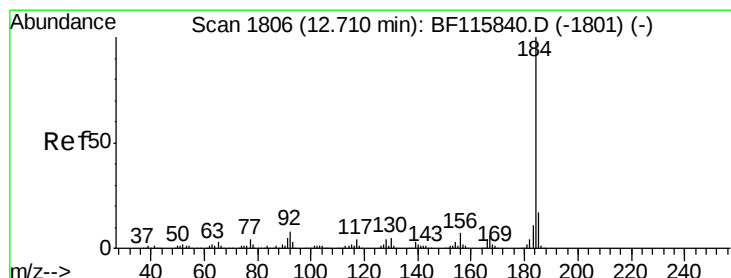
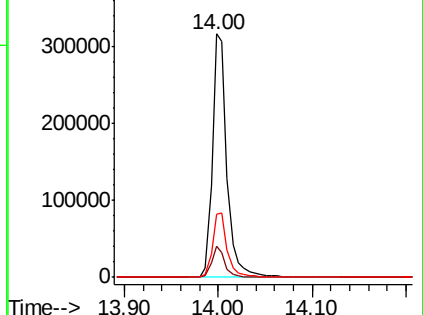
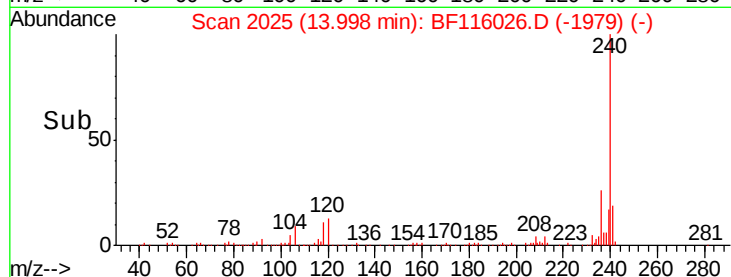
236 26.1 22.2 33.2



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: 1.915 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.24 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

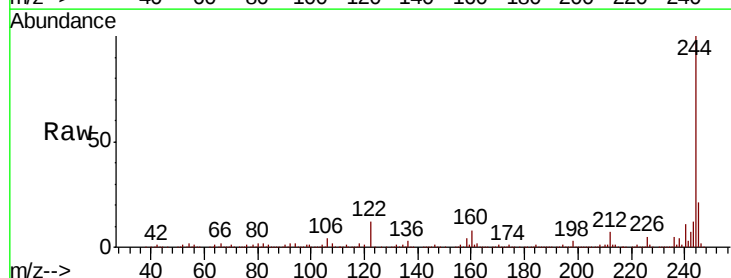
Tgt Ion:184 Resp: 22492

Ion Ratio Lower Upper

184 100

185 16.8 13.4 20.2

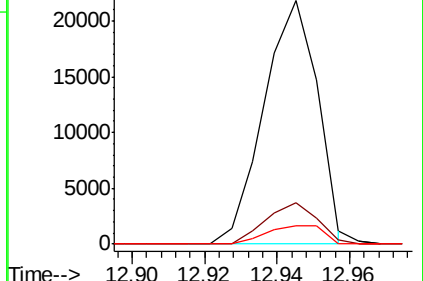
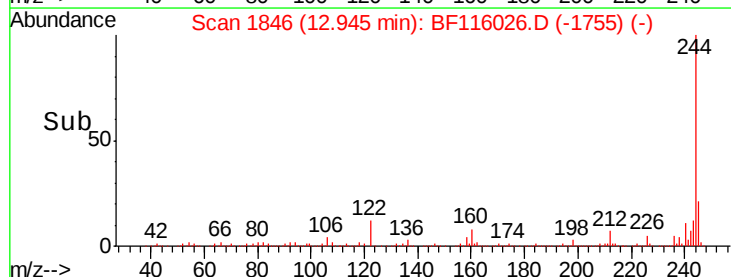
183 7.3 9.1 13.7#

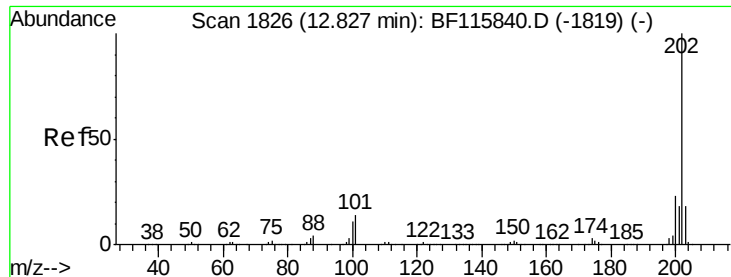


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

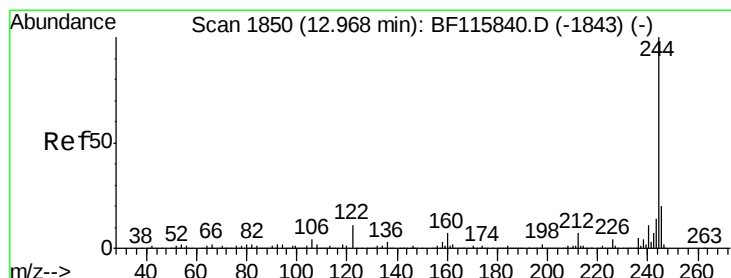
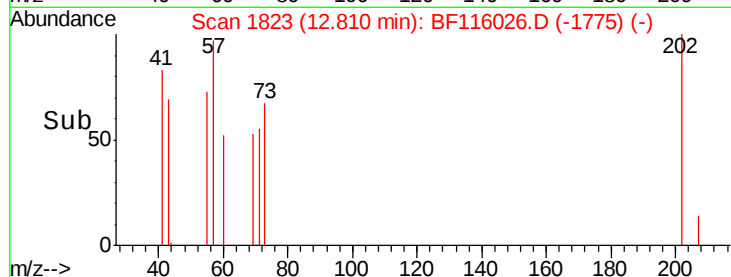
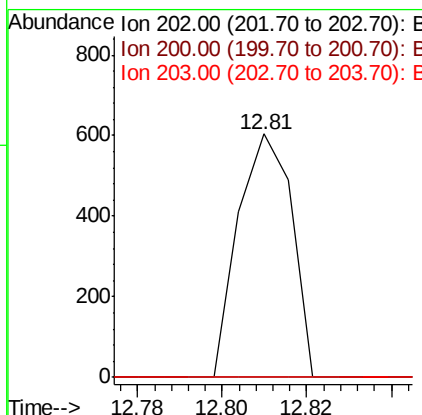
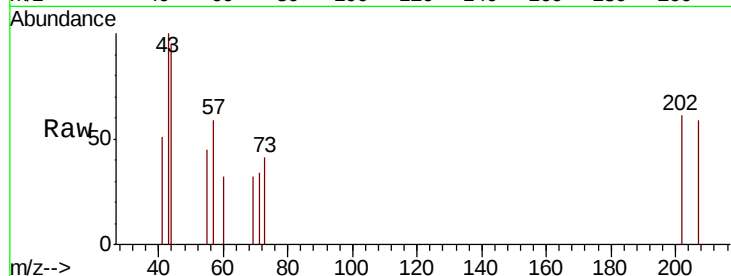




#78
Pvrene
Concen: 0.020 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

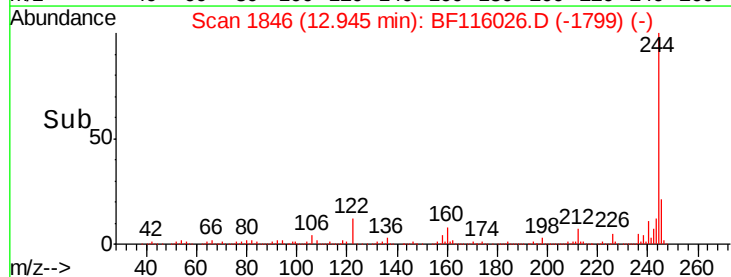
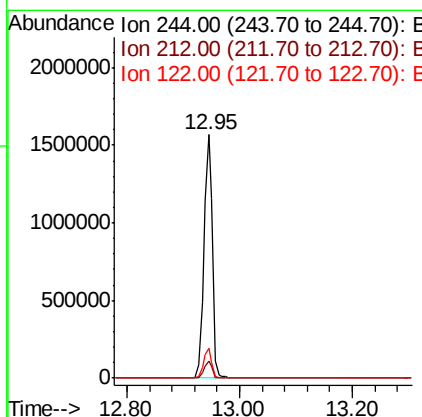
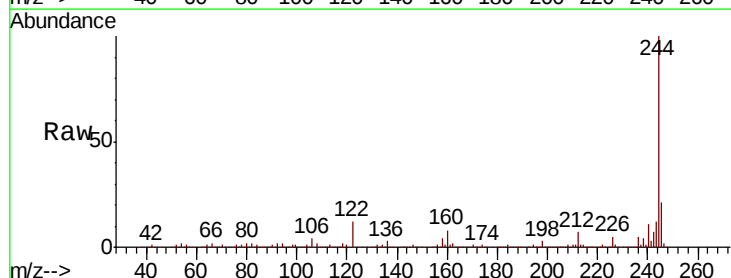
Instrument :
BNA_F
ClientSampleId :
1S-L-(0-30)-COMP

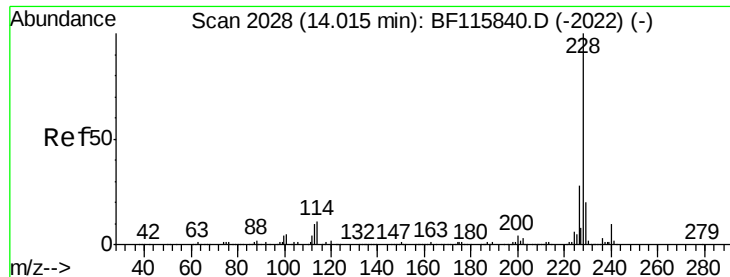
Tot Ion:202 Resp: 531
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 14.3 21.5#



#79
Terphenyl-d14
Concen: 99.064 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:244 Resp: 1634226
Ion Ratio Lower Upper
244 100
212 7.2 5.6 8.4
122 12.1 8.6 13.0





#81

Benzo(a)anthracene

Concen: 0.050 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

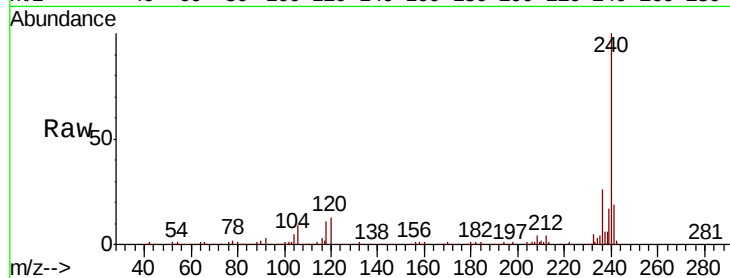
Tot Ion:228 Resp: 1117

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

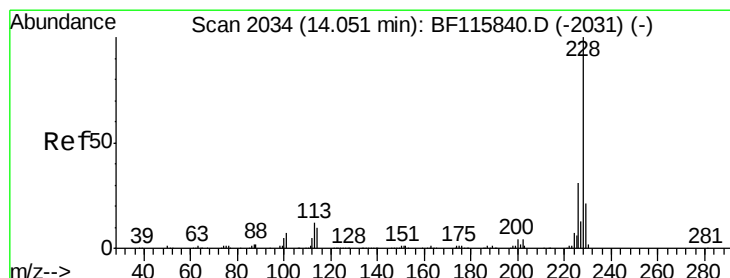
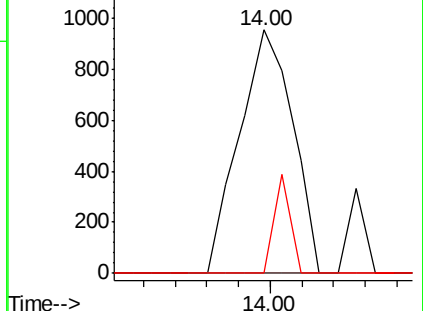
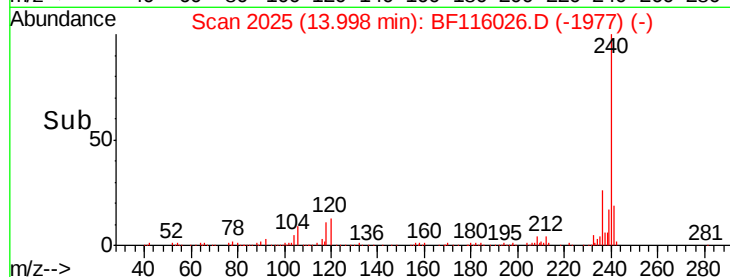
229 0.0 16.1 24.1#



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



#83

Chrysene

Concen: 0.005 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

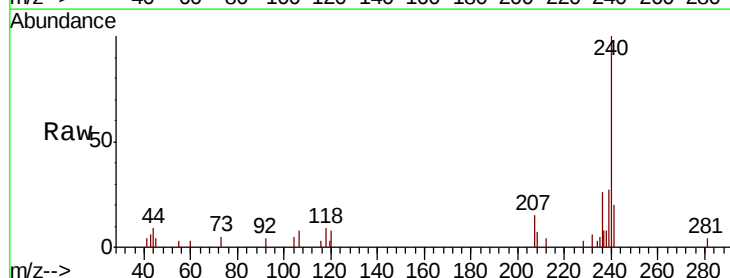
Tgt Ion:228 Resp: 117

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

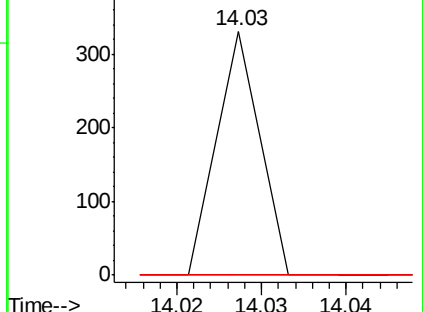
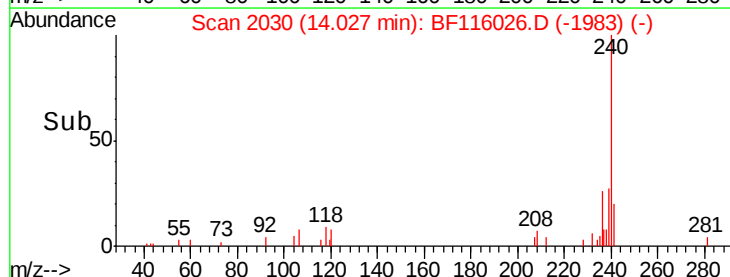
229 0.0 16.4 24.6#

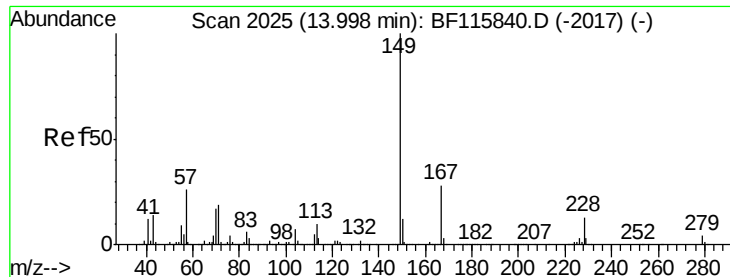


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

Instrument :

BNA_F

ClientSampleId :

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

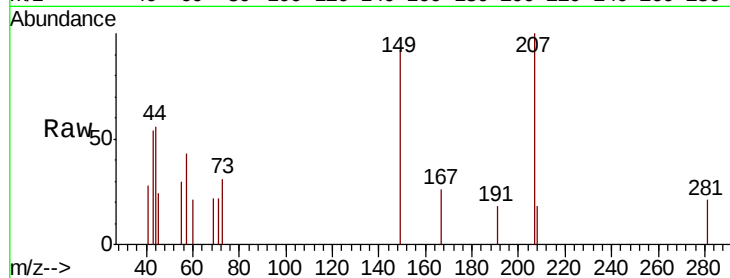
Tot Ion:149 Resp: 1508

Ion Ratio Lower Upper

149 100

167 28.0 22.4 33.6

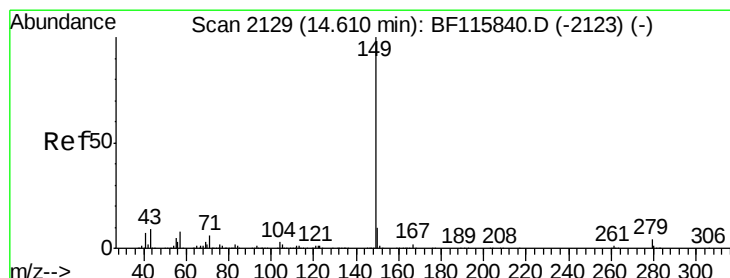
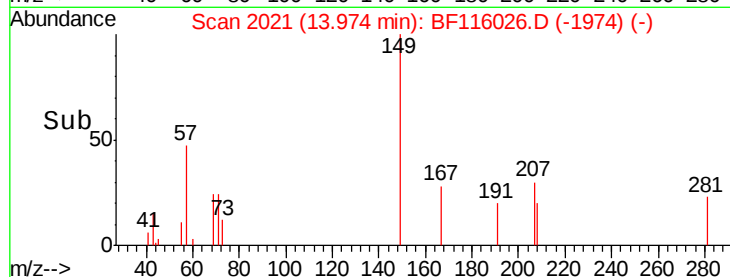
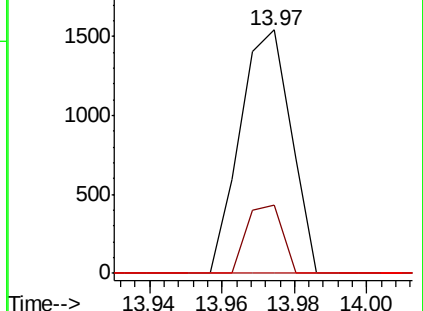
279 0.0 3.3 4.9#



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: 0.011 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.04 min

Lab File: BF116026.D

Acq: 6 Aug 2019 21:08

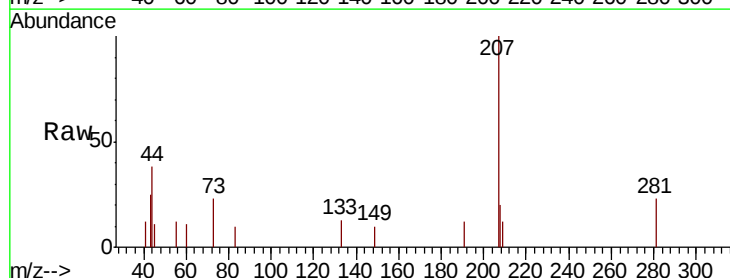
Tgt Ion:149 Resp: 247

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

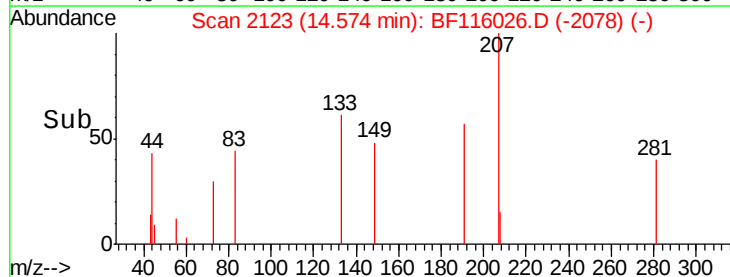
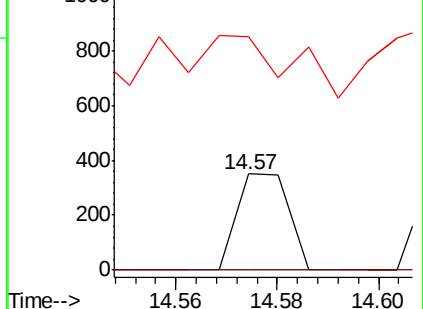
43 148.6 7.4 11.0#

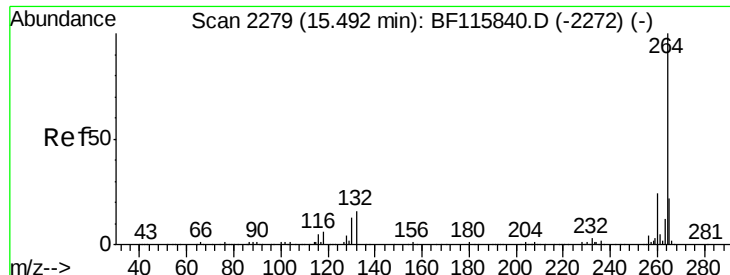


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



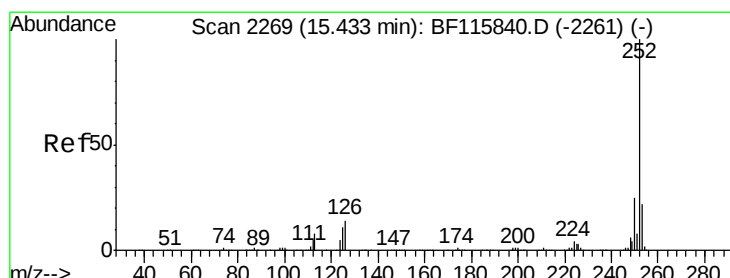
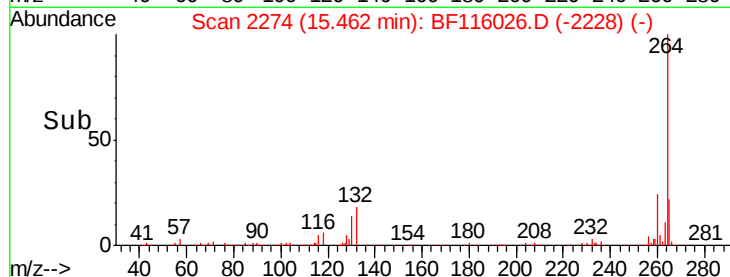
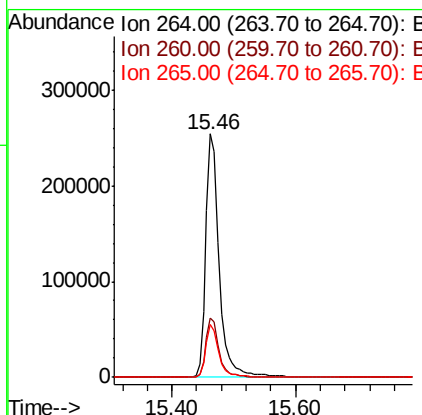
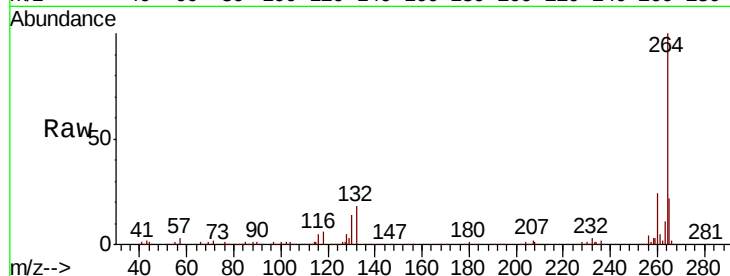


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

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

Tot Ion:264 Resp: 383790

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	17.5	26.3



#90
Benzo(a)pyrene
Concen: 0.059 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.04 min
Lab File: BF116026.D
Acq: 6 Aug 2019 21:08

Tgt Ion:252 Resp: 1167

Ion	Ratio	Lower	Upper
252	100		
253	39.0	17.8	26.6#
125	48.5	8.8	13.2#

