

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116027.D
 Acq On : 6 Aug 2019 21:35
 Operator : HP/JU
 Sample : K4130-37
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 07 05:19:29 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	134090	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	511505	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	267128	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	469817	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	329699	20.00	ng	-0.03
87) Perylene-d12	15.46	264	369283	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	936750	116.95	ng	0.01
7) Phenol-d6	6.48	99	1074572	106.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	858153	96.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	355308	137.19	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1499993	105.18	ng	-0.02
79) Terphenyl-d14	12.94	244	1612184	103.04	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.42	42	112	0.025	ng	# 1
6) Aniline	6.62	93	1277	0.088	ng	# 1
8) 2-Chlorophenol	6.63	128	121	0.014	ng	# 1
9) Benzaldehyde	6.48	77	1561	0.224	ng	# 1
10) Phenol	6.49	94	3956	0.332	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1277	0.146	ng	# 1
15) Benzyl Alcohol	7.00	79	14135	1.843	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.14	45	358	0.030	ng	# 65
18) Hexachloroethane	7.41	117	145	0.038	ng	# 1
22) Acetophenone	7.27	105	889	0.079	ng	# 52
24) Nitrobenzene	7.40	77	2765	0.289	ng	# 50
27) 2,4-Dimethylphenol	7.99	122	552	0.081	ng	# 3
31) Naphthalene	8.15	128	831	0.035	ng	# 68
32) Benzoic acid	7.99	122	552	0.115	ng	# 87
37) 2-Methylnaphthalene	8.94	142	1017	0.064	ng	# 96
38) 1-Methylnaphthalene	8.94	142	1017	0.068	ng	# 97
46) 1,1'-Biphenyl	9.30	154	2931	0.155	ng	# 93
48) 2-Nitroaniline	9.20	65	2470	0.476	ng	# 1
50) Dimethylphthalate	9.60	163	4128	0.227	ng	# 76
52) Acenaphthene	9.90	154	385	0.027	ng	# 57
58) Fluorene	10.66	166	14645	0.932	ng	# 92
60) Diethylphthalate	10.29	149	1075	0.063	ng	# 58
63) Azobenzene	10.66	77	1556	0.089	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.67	198	655	0.263	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	10335	0.731	ng	# 46
71) Phenanthrene	11.39	178	1890	0.079	ng	# 71
72) Anthracene	11.44	178	122	0.005	ng	# 60
74) Di-n-butylphthalate	11.92	149	4623	0.180	ng	# 90
75) Fluoranthene	12.59	202	357	0.014	ng	# 64
78) Pyrene	12.81	202	442	0.018	ng	# 56
80) Butylbenzylphthalate	13.42	149	110	0.010	ng	# 23
81) Benzo(a)anthracene	14.00	228	821	0.039	ng	# 51
83) Chrysene	14.00	228	821	0.040	ng	# 48
84) Bis(2-ethylhexyl)phthalate	13.97	149	982	0.072	ng	# 52

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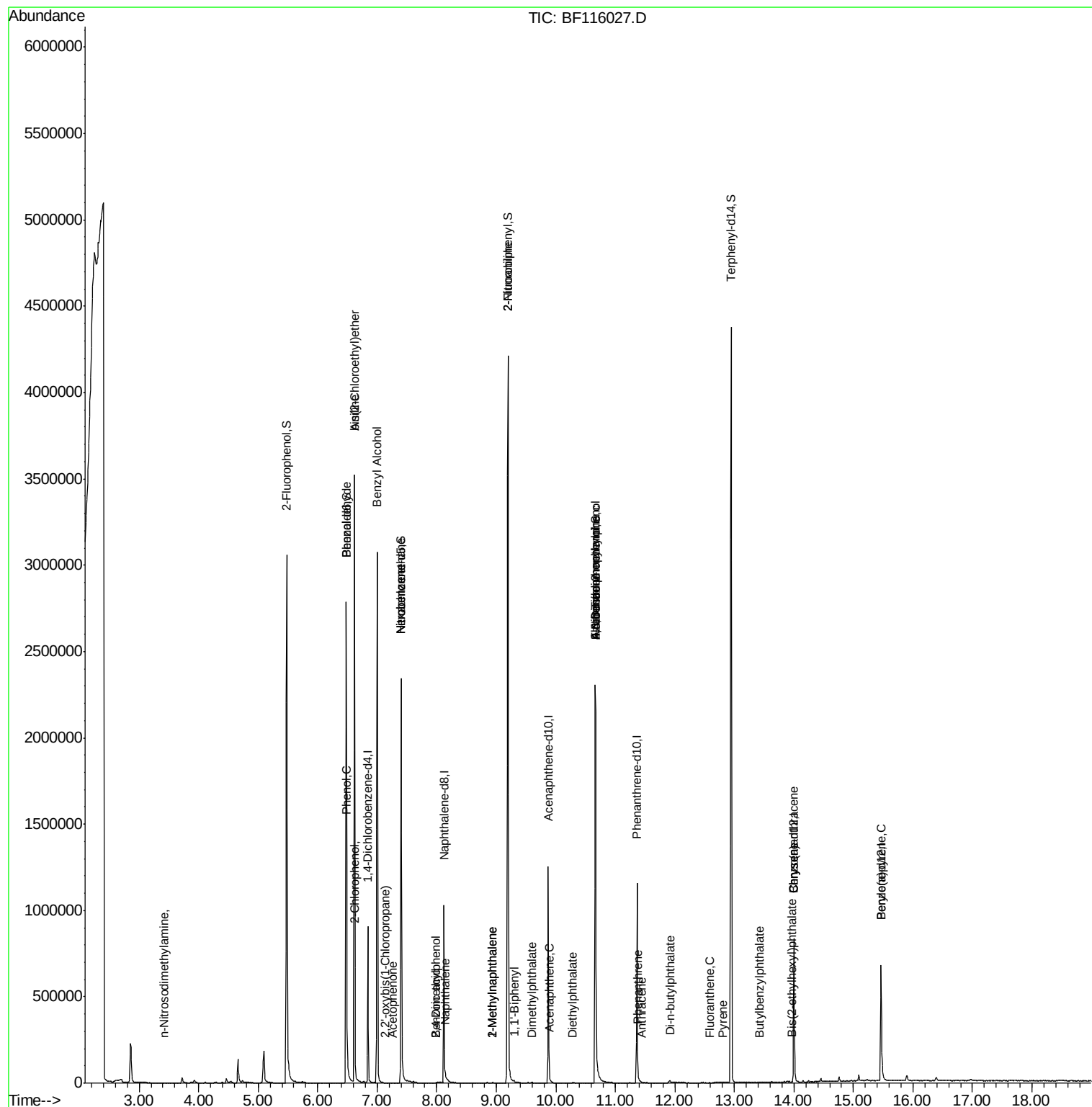
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	15.47	252	912	0.048	ng	# 40

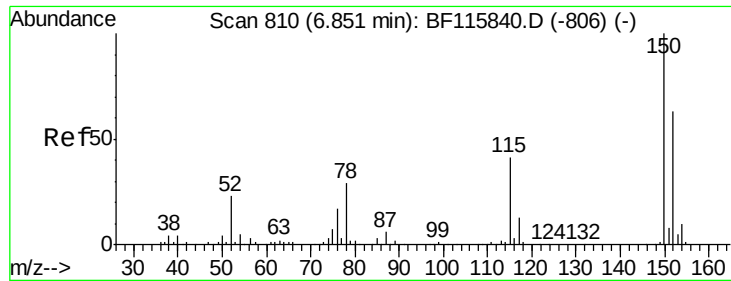
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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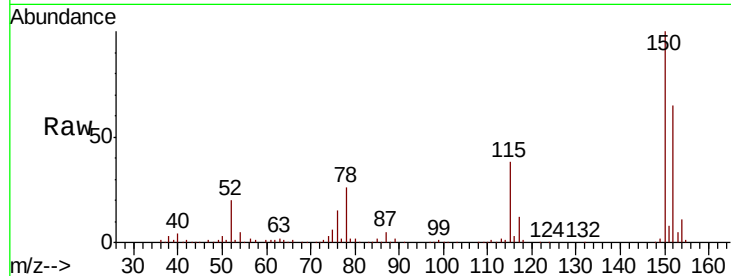


#1

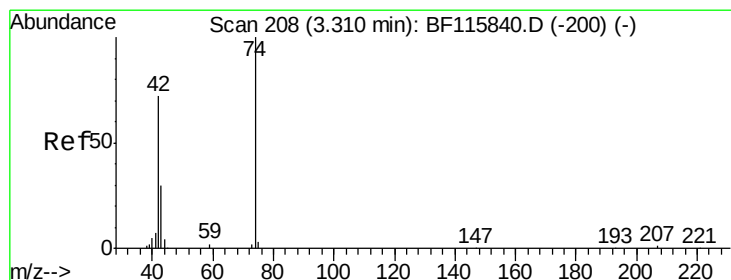
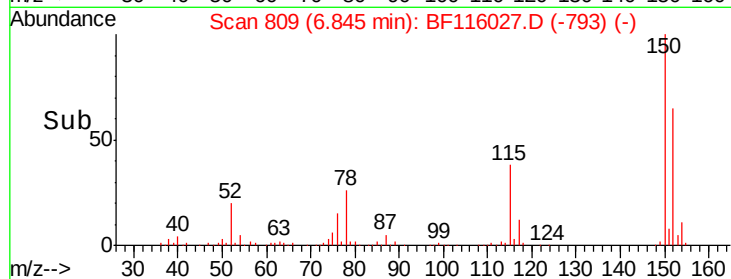
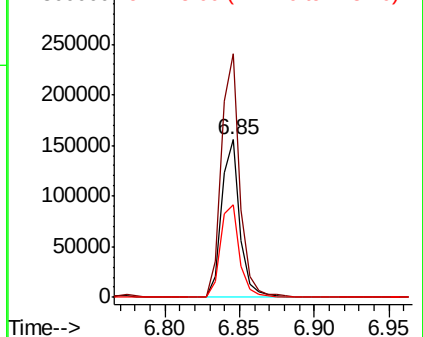
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

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

Tot Ion:152 Resp: 134090
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 58.7 51.8 77.8



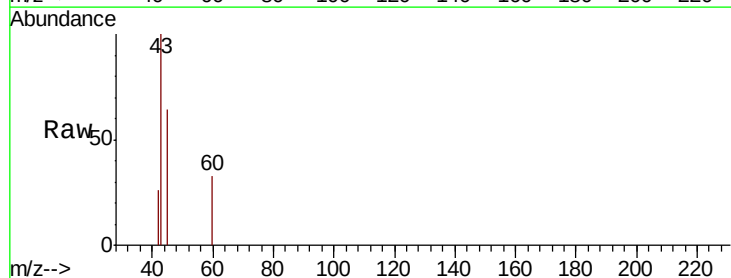
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



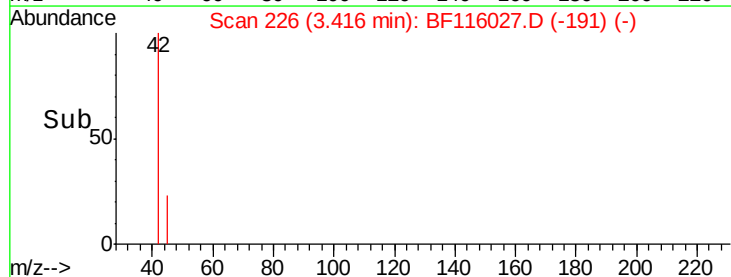
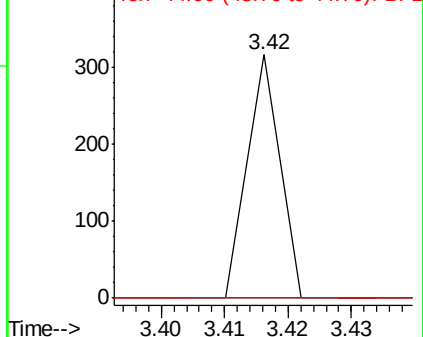
#4

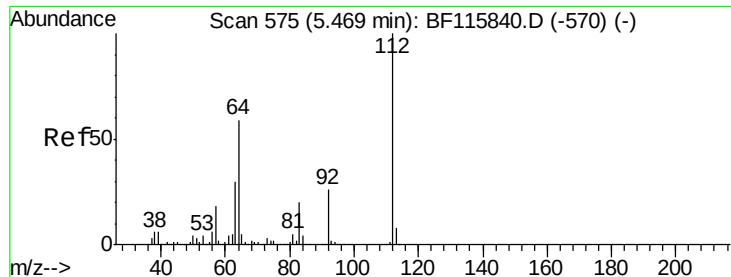
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion: 42 Resp: 112
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: 116.950 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

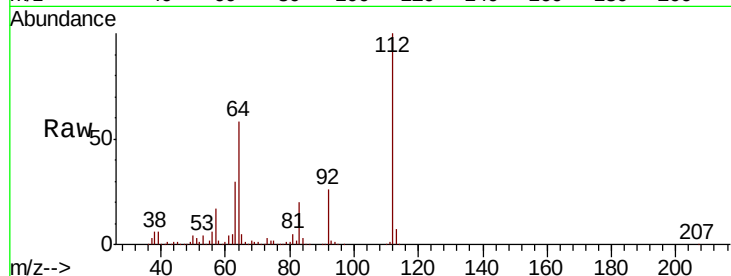
Tot Ion:112 Resp: 936750

Ion Ratio Lower Upper

112 100

64 57.9 46.8 70.2

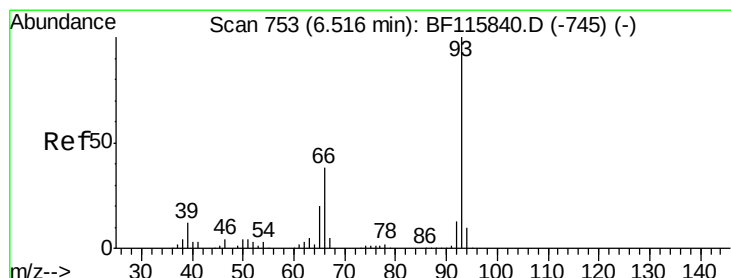
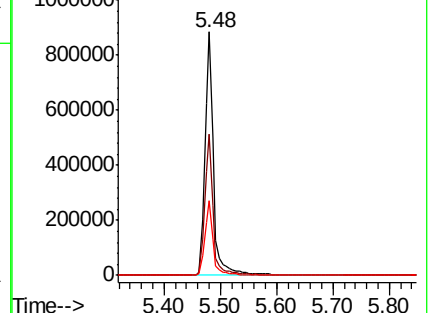
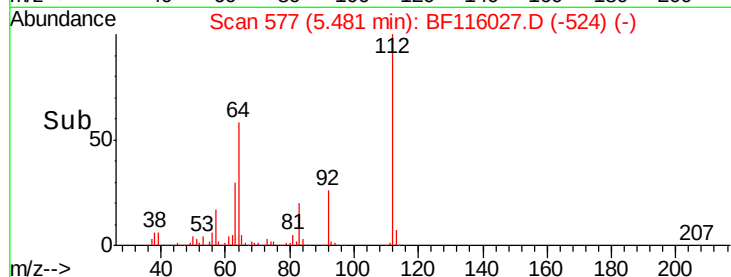
63 30.4 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.088 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.11 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

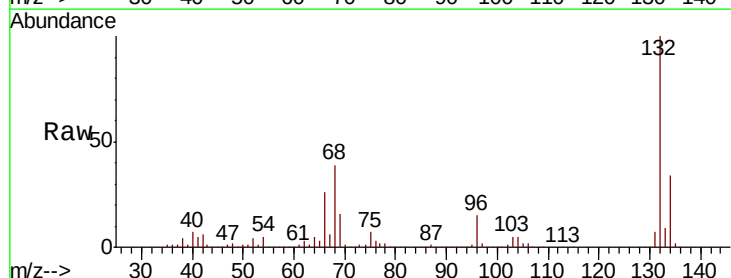
Tgt Ion: 93 Resp: 1277

Ion Ratio Lower Upper

93 100

66 16234.7 31.4 47.0#

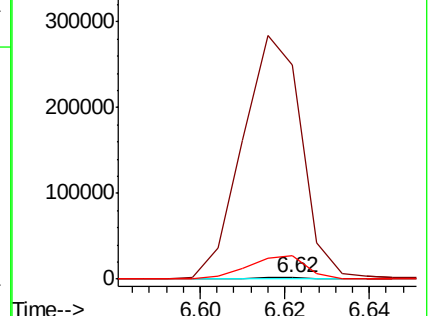
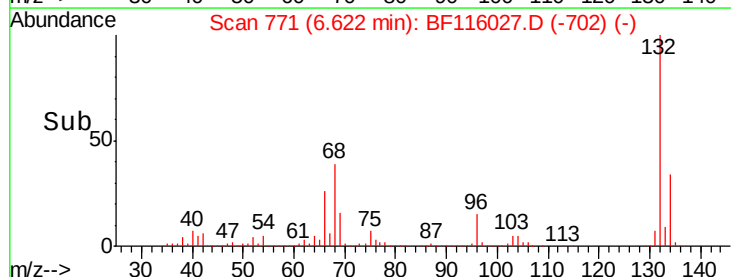
65 1772.9 16.5 24.7#

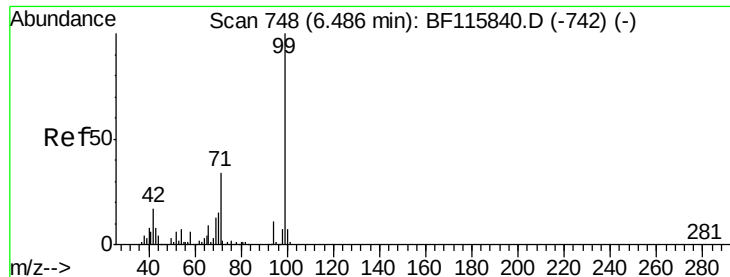


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.332 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

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

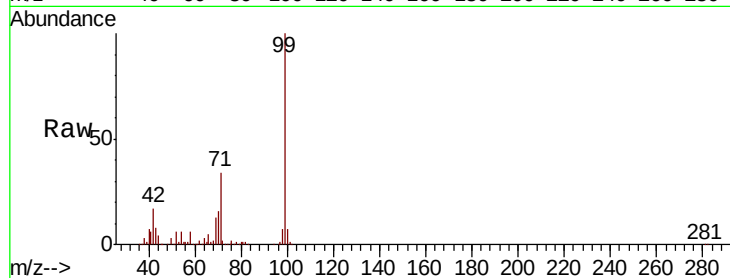
Tot Ion: 99 Resp: 1074572

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

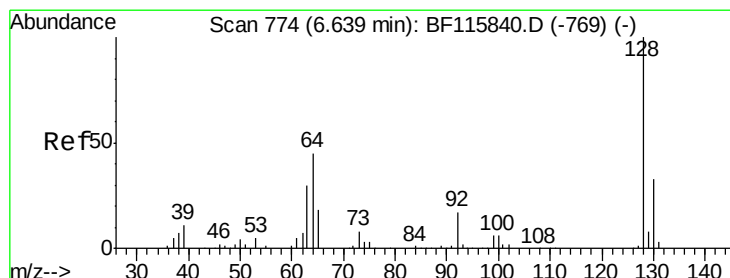
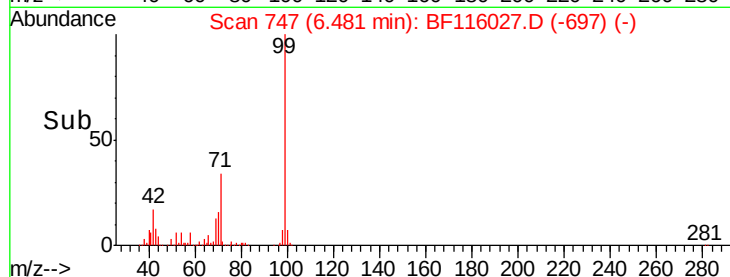
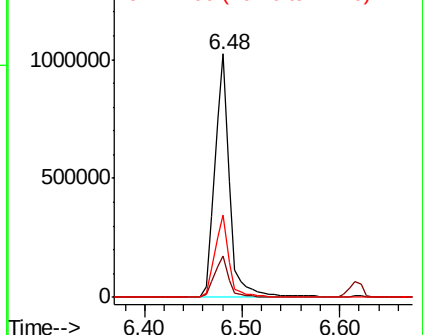
71 34.0 27.1 40.7



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: 0.014 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

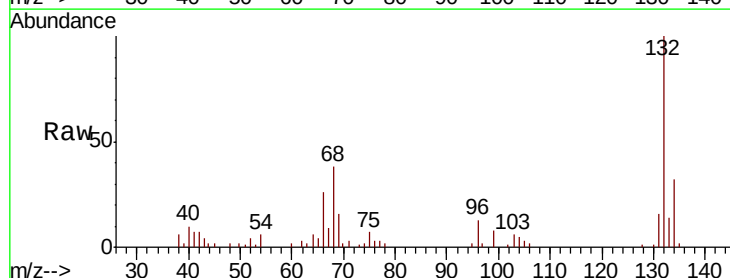
Tgt Ion: 128 Resp: 121

Ion Ratio Lower Upper

128 100

130 101.5 12.9 52.9#

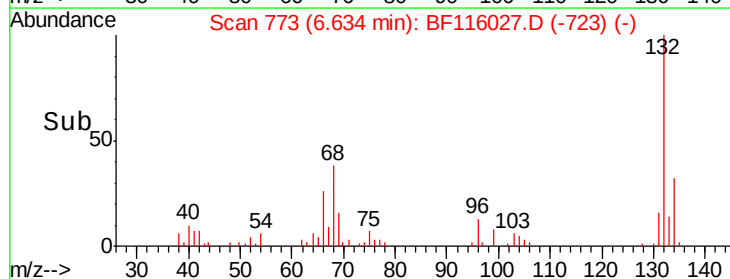
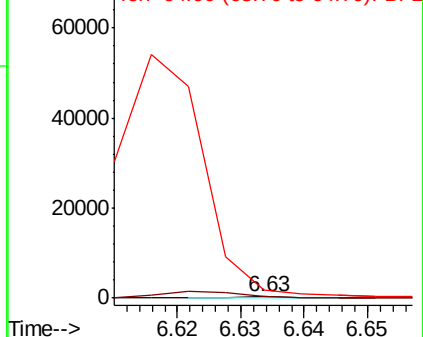
64 513.7 26.1 66.1#

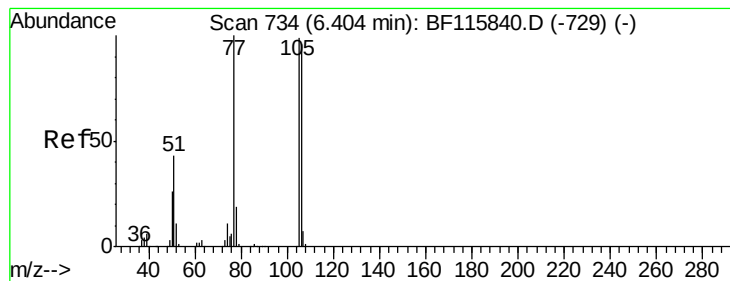


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.224 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

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ClientSampleId :

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

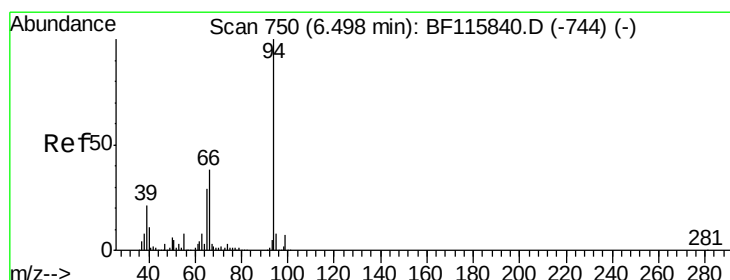
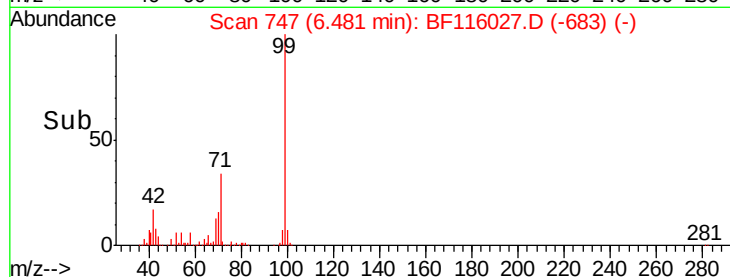
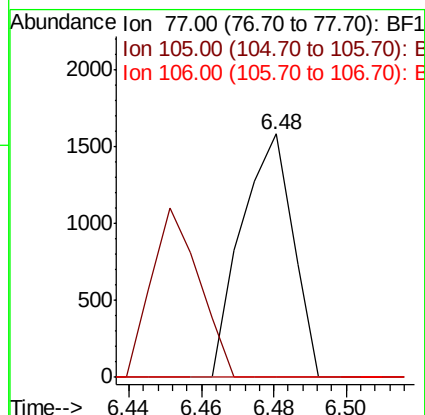
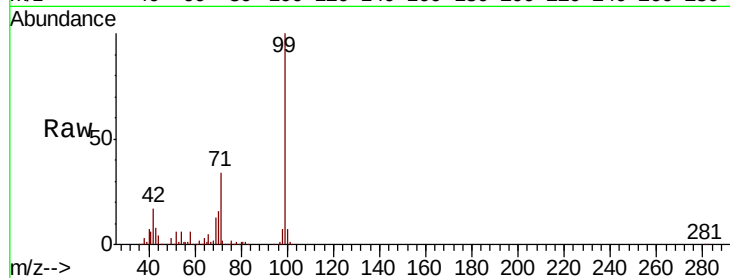
Tot Ion: 77 Resp: 1561

Ion Ratio Lower Upper

77 100

105 0.0 79.0 119.0#

106 0.0 76.2 116.2#



#10

Phenol

Concen: 0.332 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

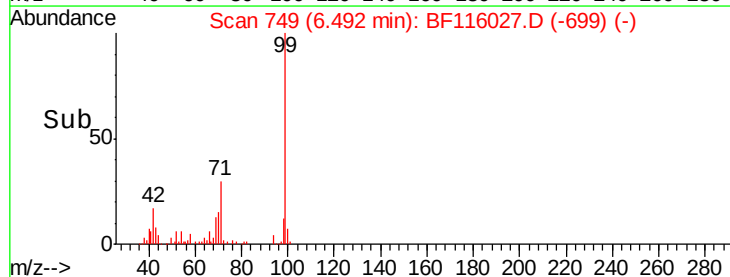
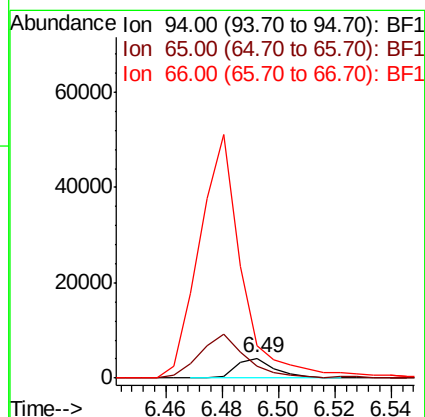
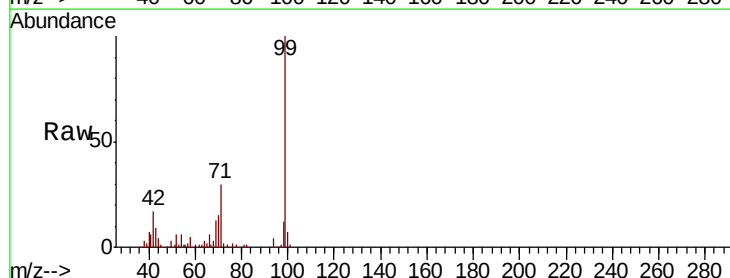
Tgt Ion: 94 Resp: 3956

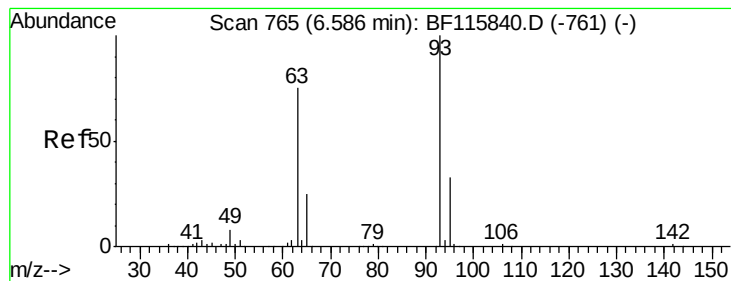
Ion Ratio Lower Upper

94 100

65 57.8 8.9 48.9#

66 163.9 18.0 58.0#

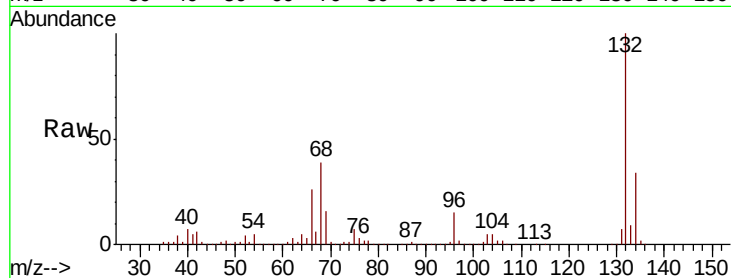




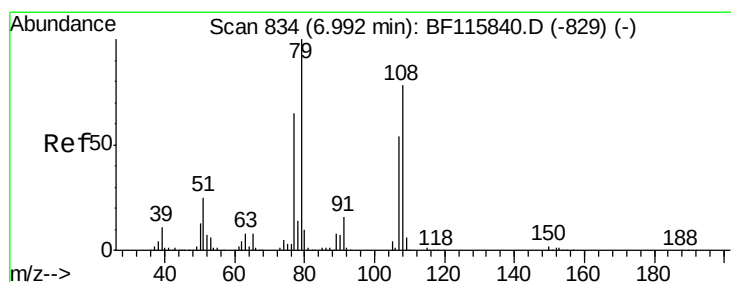
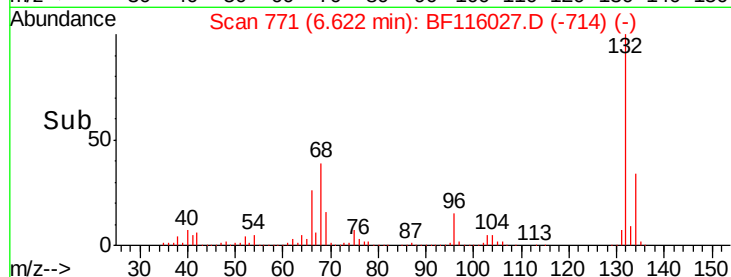
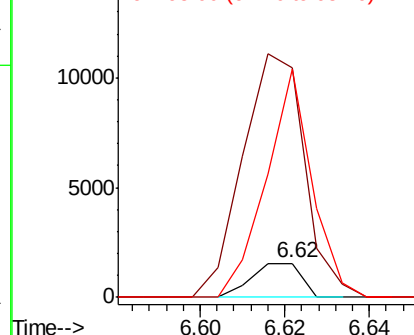
#11
bis(2-Chloroethyl)ether
Concen: 0.146 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.04 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

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Tot Ion: 93 Resp: 1277
Ion Ratio Lower Upper
93 100
63 678.1 54.9 94.9#
95 673.7 13.3 53.3#

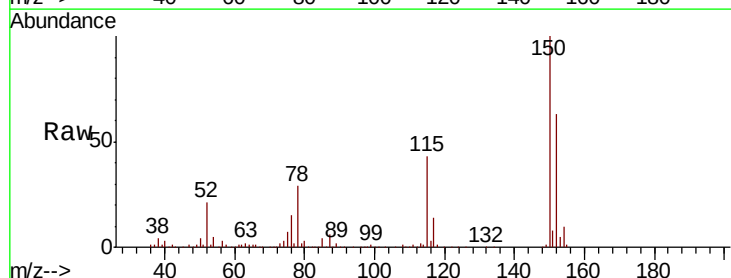


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

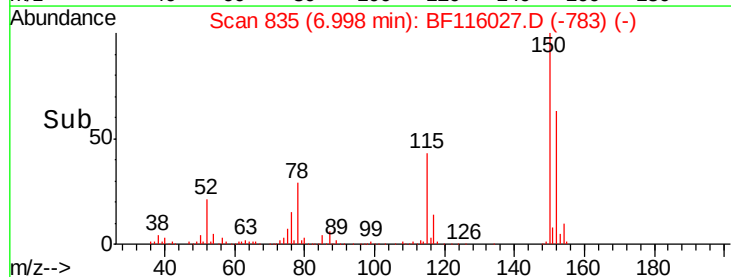
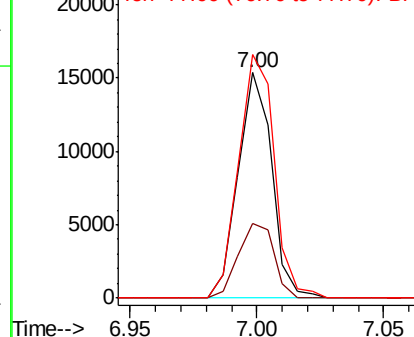


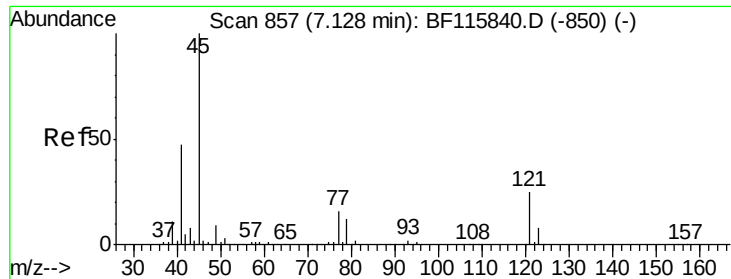
#15
Benzyl Alcohol
Concen: 1.843 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion: 79 Resp: 14135
Ion Ratio Lower Upper
79 100
108 33.4 62.8 94.2#
77 108.2 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

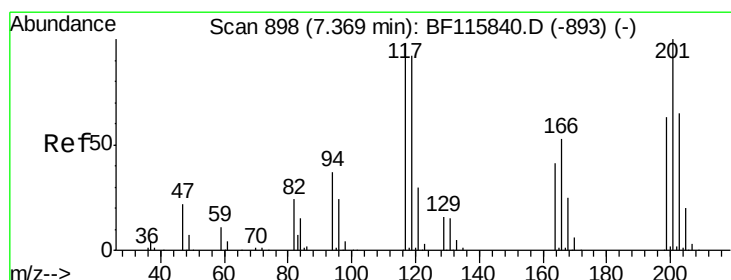
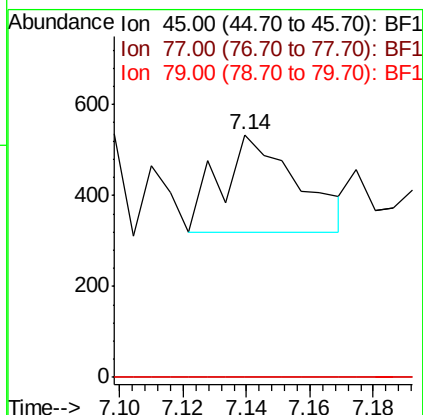
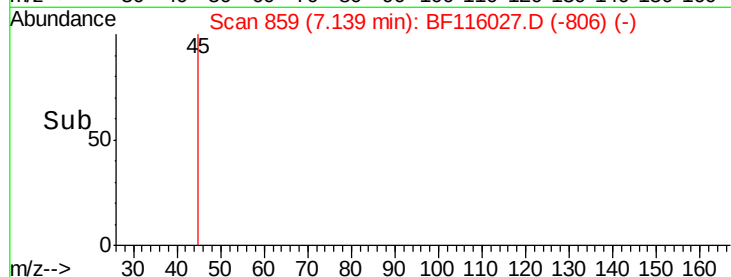
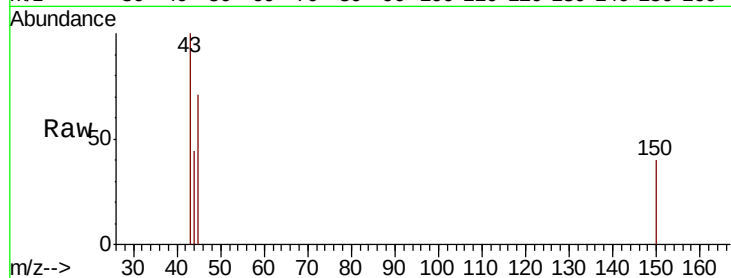




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.030 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

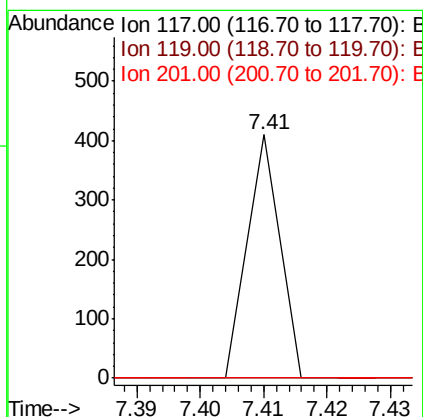
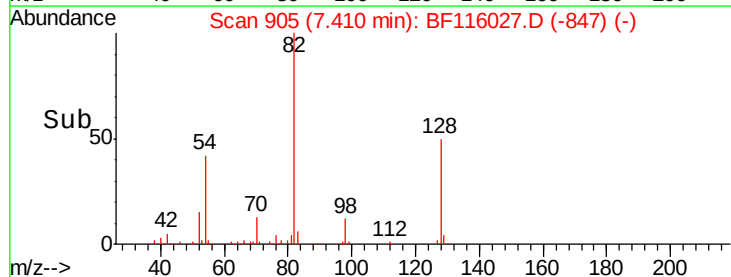
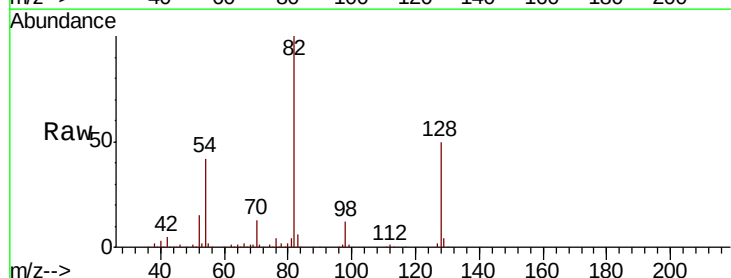
Instrument :
BNA_F
ClientSampleId :
1S-M-(0-30)-COMP

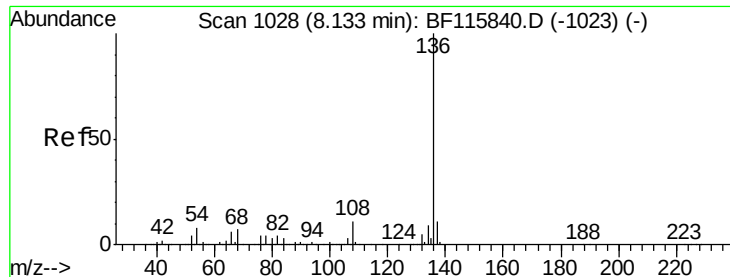
Tot Ion: 45 Resp: 358
Ion Ratio Lower Upper
45 100
77 0.0 0.0 36.3
79 0.0 0.0 32.5



#18
Hexachloroethane
Concen: 0.038 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.04 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion: 117 Resp: 145
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
201 0.0 82.0 123.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

Tot Ion:136 Resp: 511505

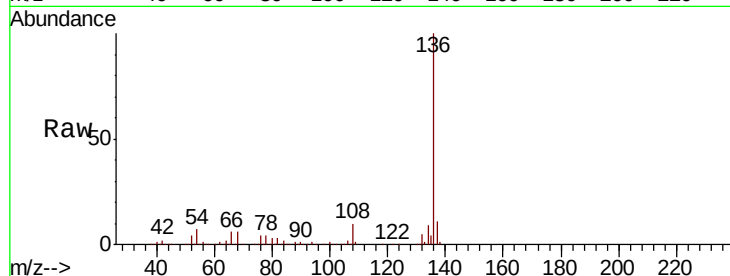
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 6.1 9.1

68 5.9 5.4 8.2

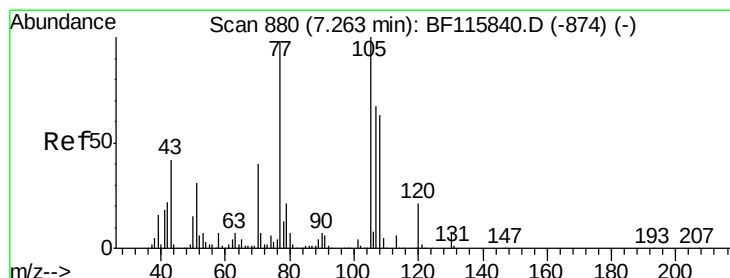
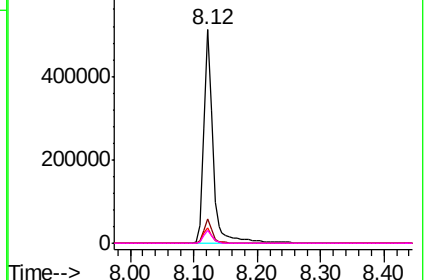
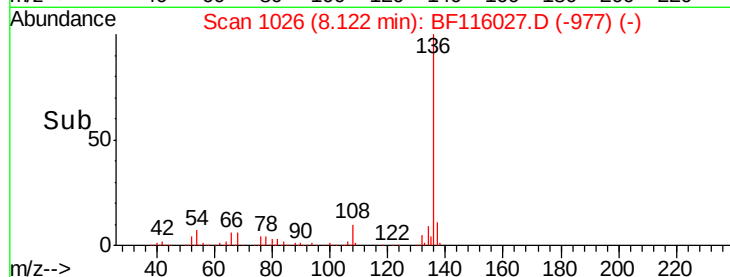


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.079 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Tgt Ion:105 Resp: 889

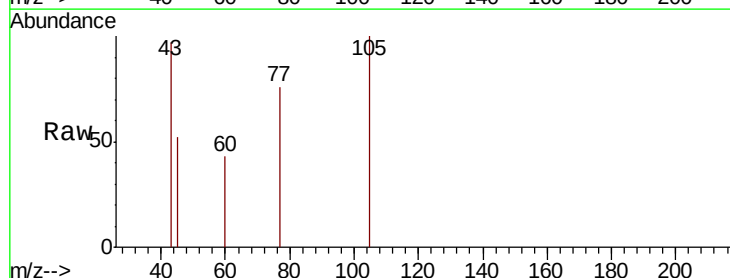
Ion Ratio Lower Upper

105 100

71 0.0 5.4 8.0#

51 0.0 24.6 36.8#

120 0.0 17.0 25.6#

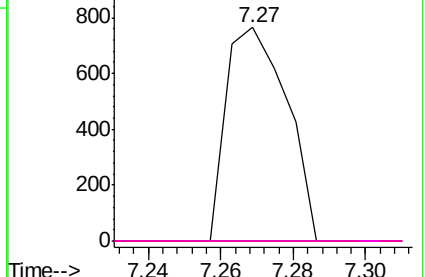
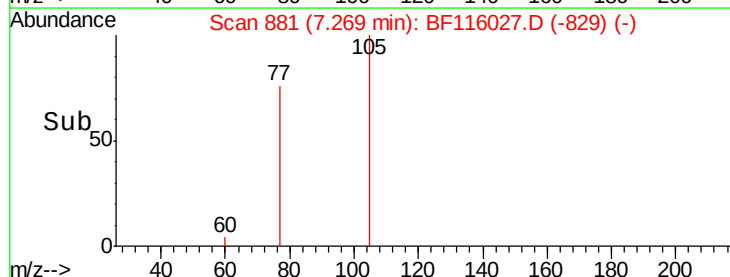


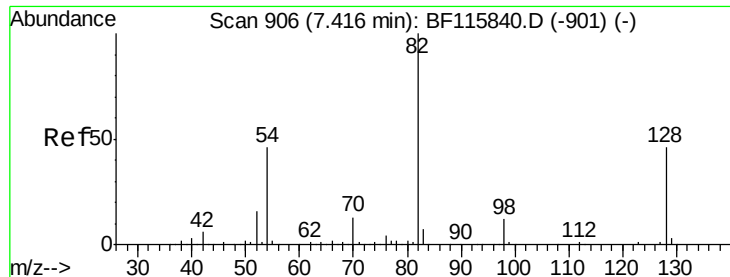
Abundance Ion 105.00 (104.70 to 105.70): E

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

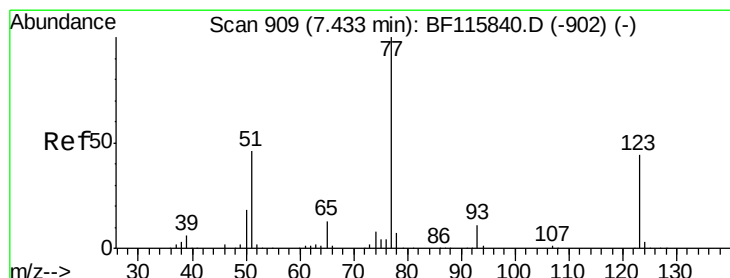
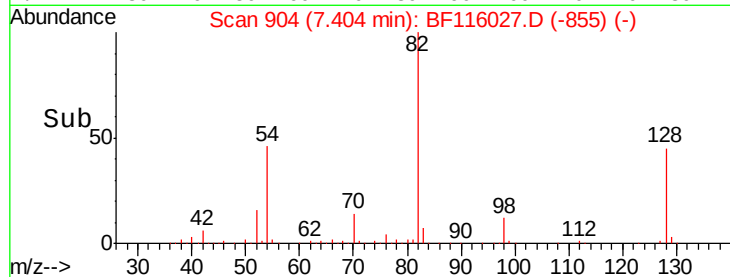
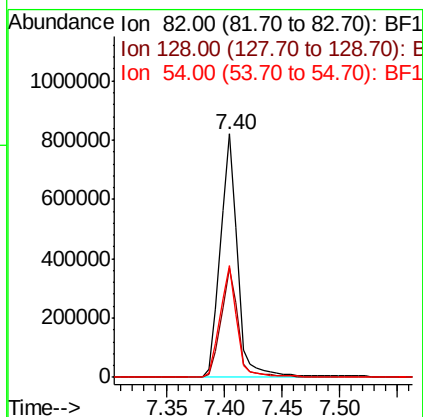
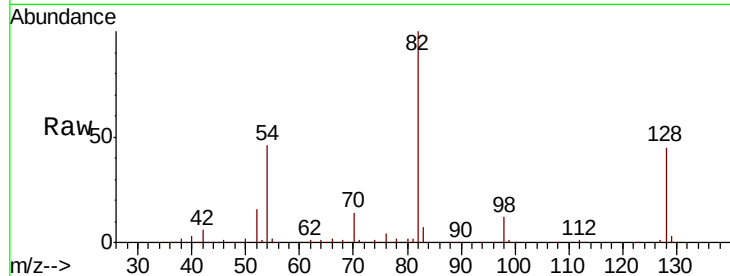




#23
 Nitrobenzene-d5
 Concen: 96.842 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116027.D
 Acq: 6 Aug 2019 21:35

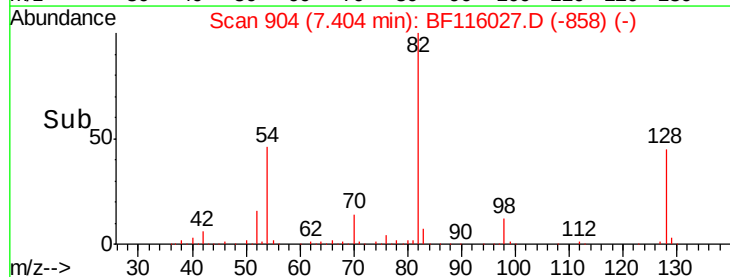
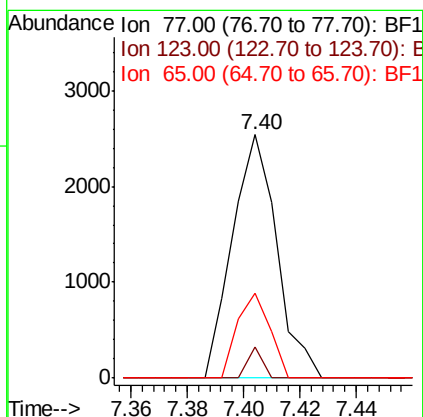
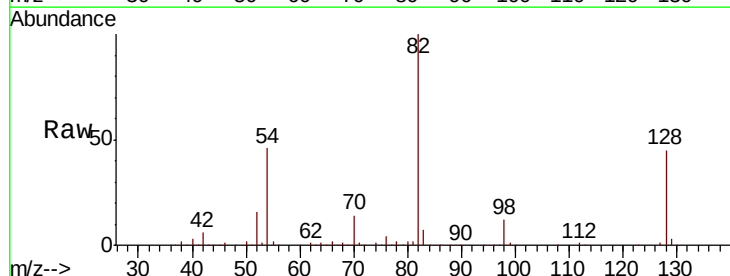
Instrument :
 BNA_F
 ClientSampleId :
 1S-M-(0-30)-COMP

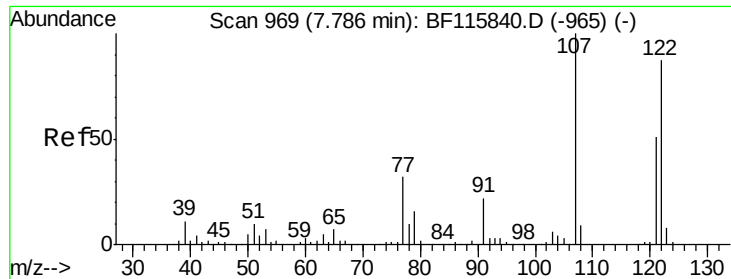
Tot Ion: 82 Resp: 858153
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.6 55.0
 54 45.8 36.6 55.0



#24
 Nitrobenzene
 Concen: 0.289 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116027.D
 Acq: 6 Aug 2019 21:35

Tgt Ion: 77 Resp: 2765
 Ion Ratio Lower Upper
 77 100
 123 12.6 35.5 53.3#
 65 35.1 10.6 15.8#

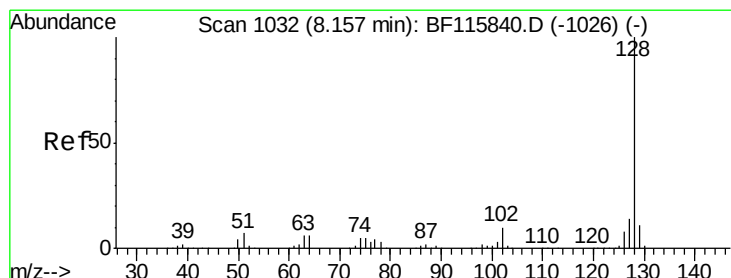
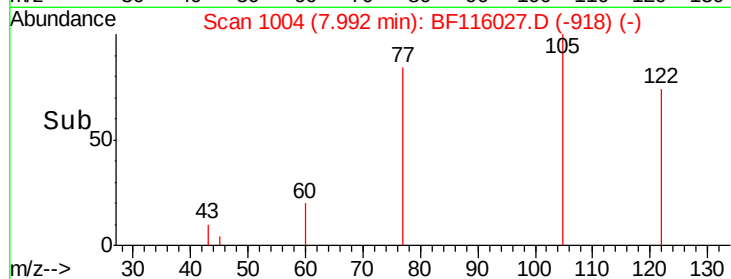
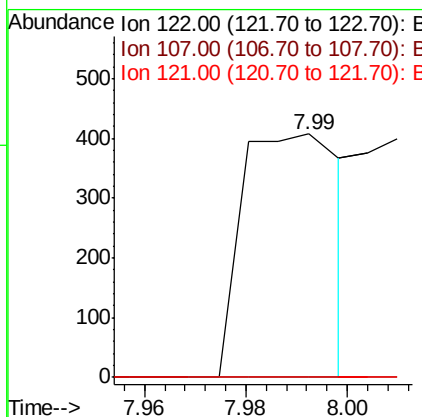
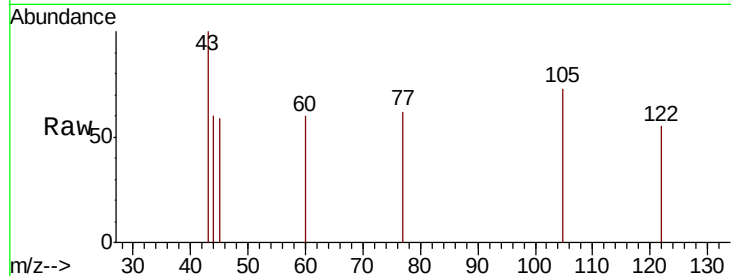




#27
2,4-Dimethylphenol
Concen: 0.081 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.21 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

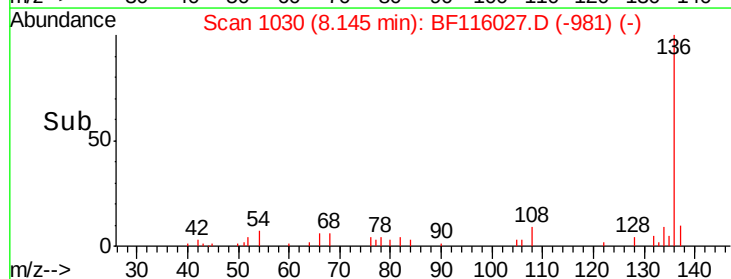
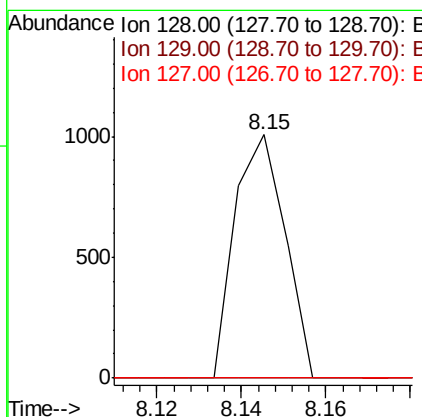
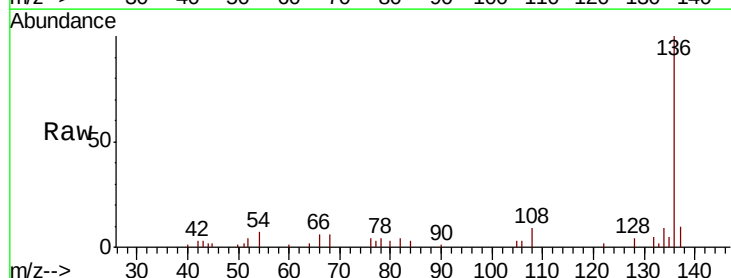
Instrument :
BNA_F
ClientSampleId :
1S-M-(0-30)-COMP

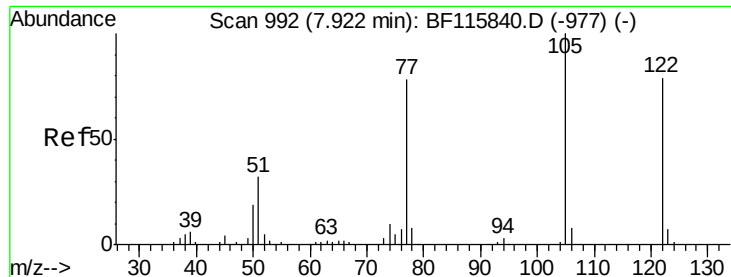
Tot Ion:122 Resp: 552
Ion Ratio Lower Upper
122 100
107 0.0 91.7 137.5#
121 0.0 46.6 70.0#



#31
Naphthalene
Concen: 0.035 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion:128 Resp: 831
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 0.0 11.0 16.4#





#32

Benzoic acid

Concen: 0.115 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.07 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

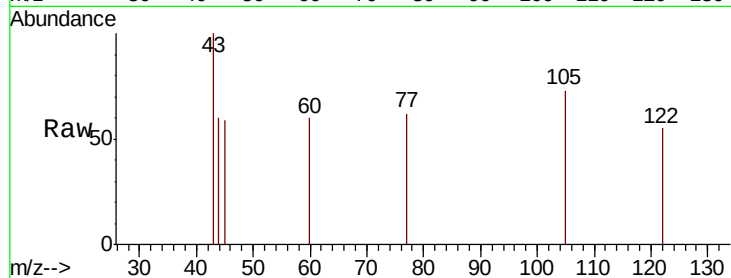
Tot Ion:122 Resp: 552

Ion Ratio Lower Upper

122 100

105 134.3 103.1 143.1

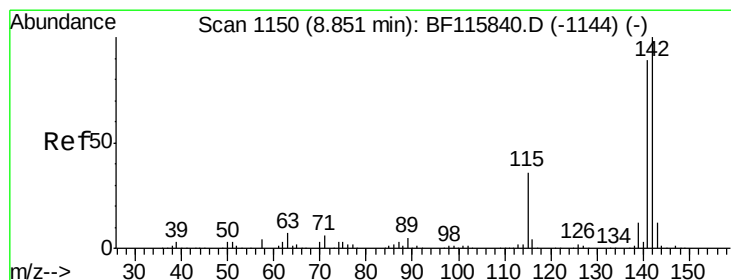
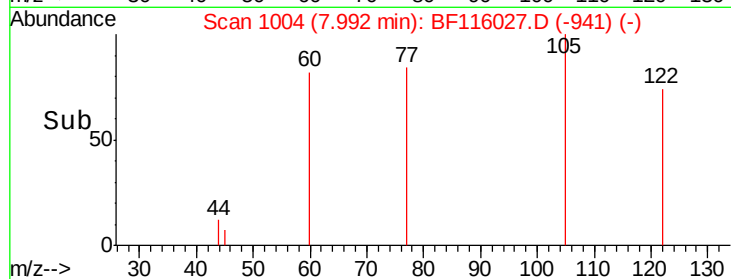
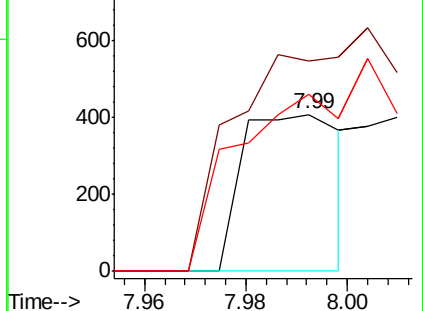
77 113.2 76.8 116.8



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: 0.064 ng

RT: 8.94 min Scan# 1165

Delta R.T. 0.09 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

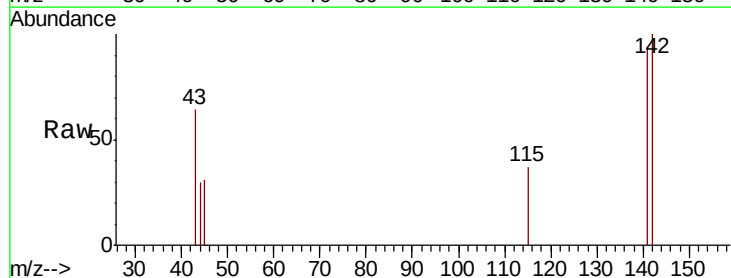
Tgt Ion:142 Resp: 1017

Ion Ratio Lower Upper

142 100

141 94.3 71.4 107.2

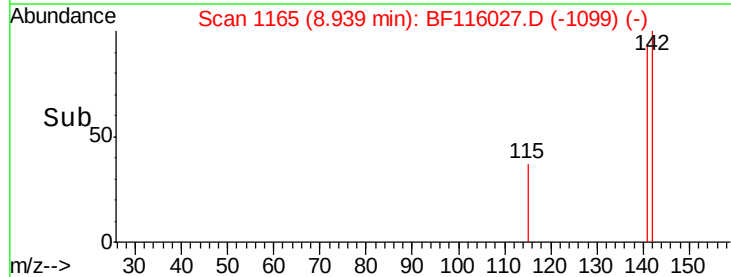
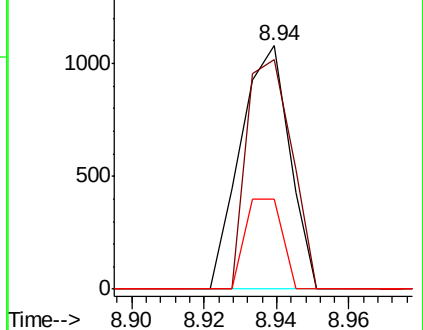
115 37.1 28.9 43.3

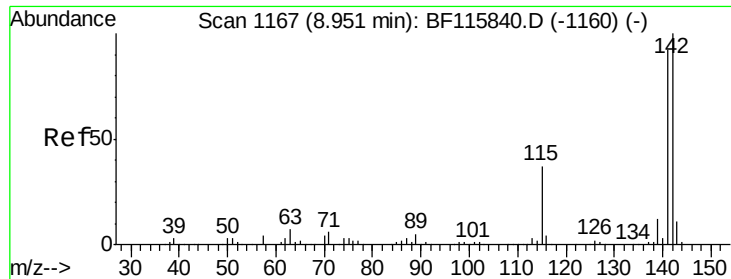


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

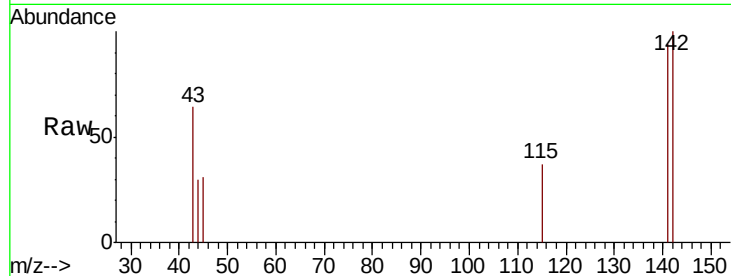




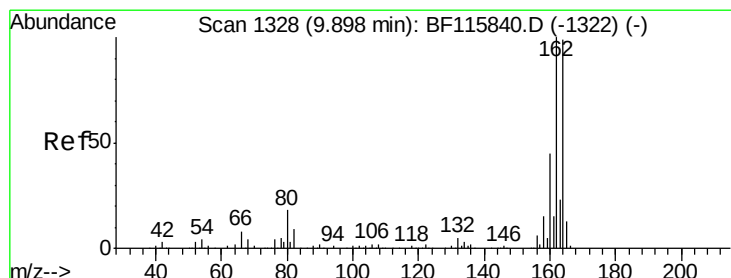
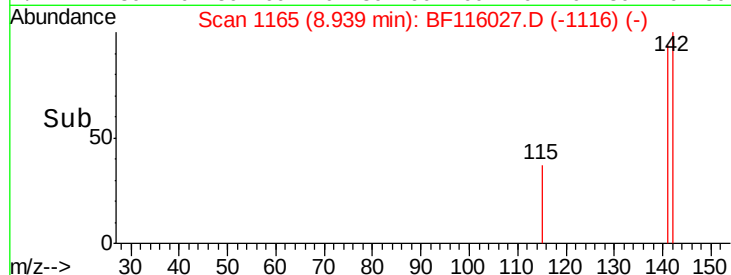
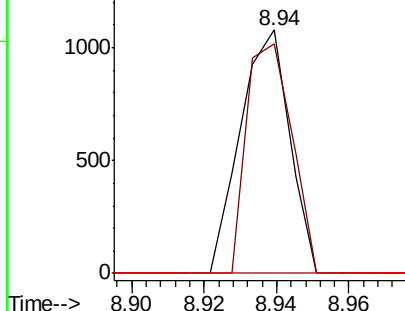
#38
 1-Methylnaphthalene
 Concen: 0.068 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF116027.D
 Acq: 6 Aug 2019 21:35

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

Tot Ion:142 Resp: 1017
 Ion Ratio Lower Upper
 142 100
 141 94.3 73.8 110.6
 116 0.0 3.1 4.7#

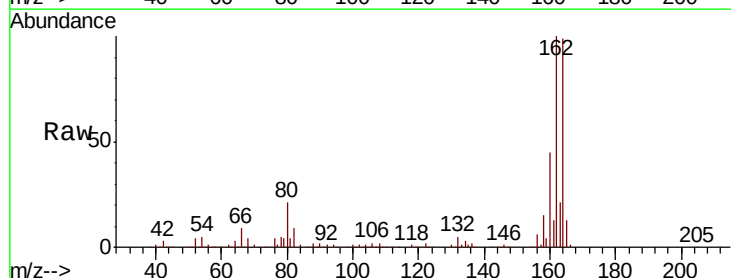


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

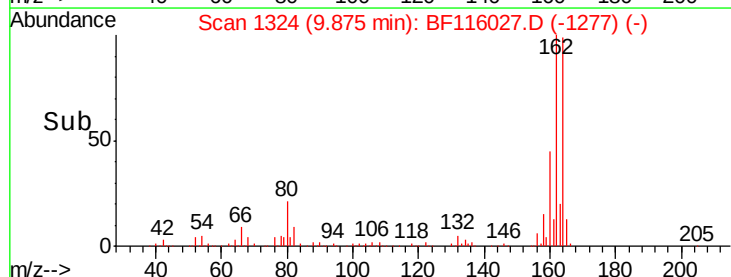
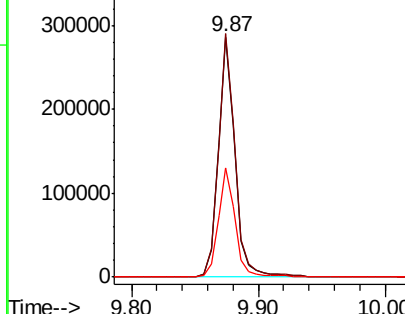


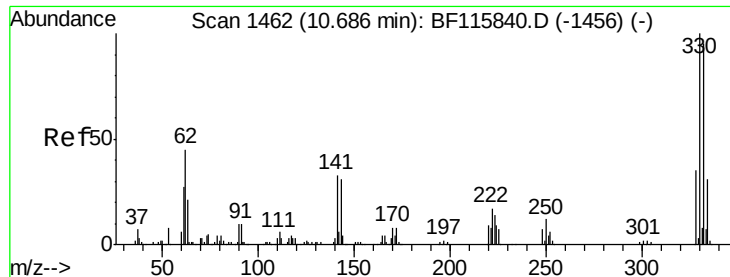
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF116027.D
 Acq: 6 Aug 2019 21:35

Tgt Ion:164 Resp: 267128
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.8 121.2
 160 45.4 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: 137.191 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

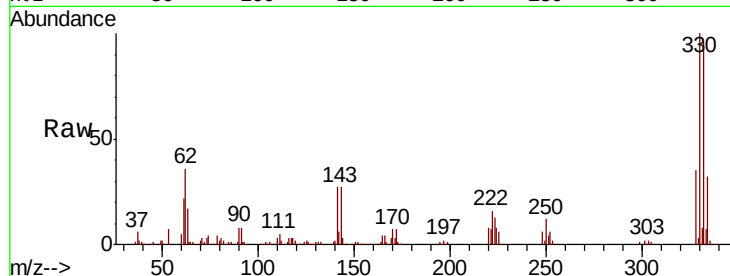
Tot Ion:330 Resp: 355308

Ion Ratio Lower Upper

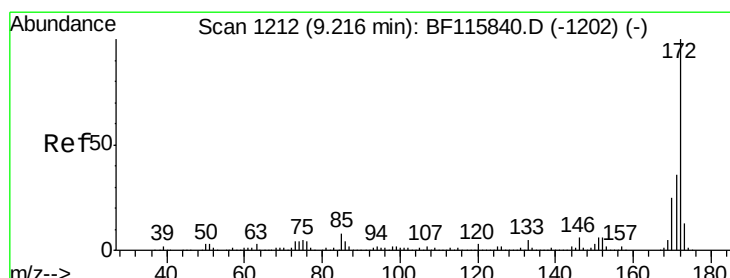
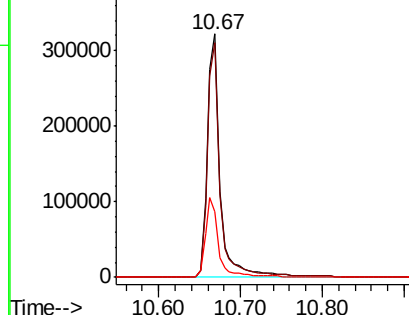
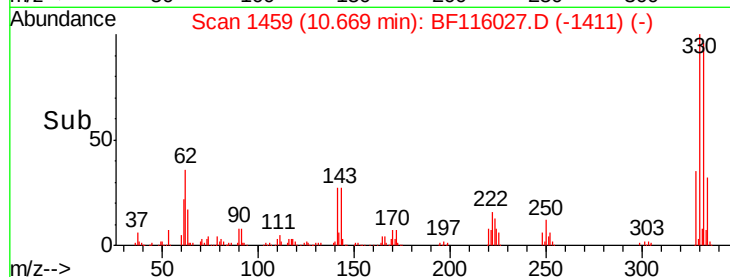
330 100

332 96.1 77.7 116.5

141 34.6 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: 105.178 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

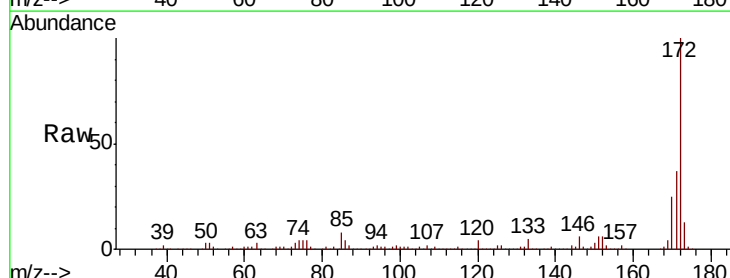
Tgt Ion:172 Resp: 1499993

Ion Ratio Lower Upper

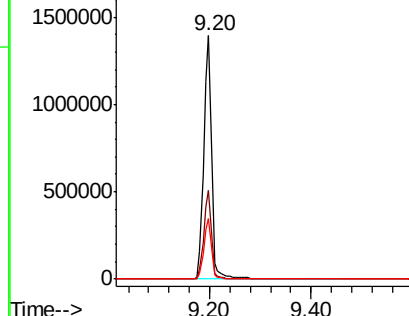
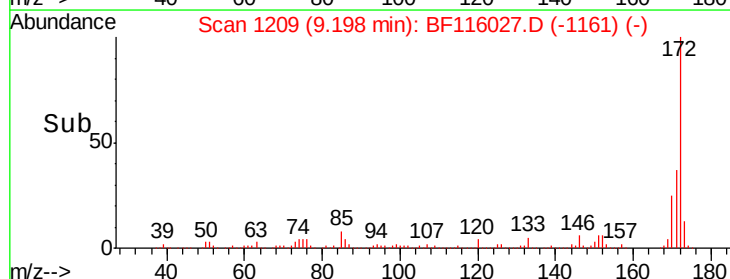
172 100

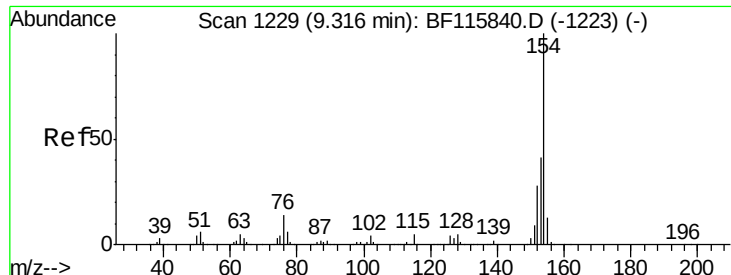
171 36.6 29.1 43.7

170 25.1 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

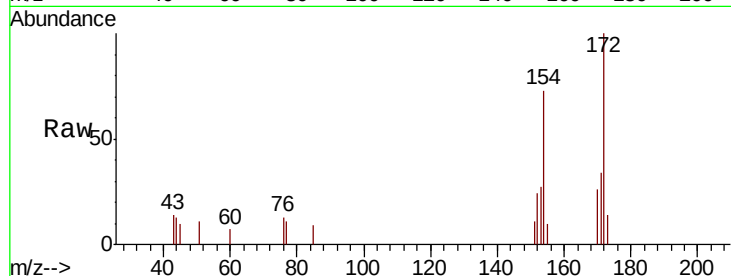




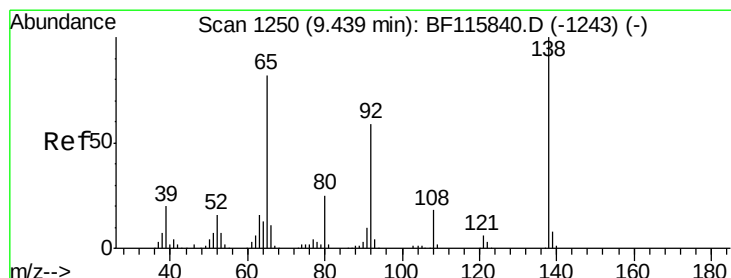
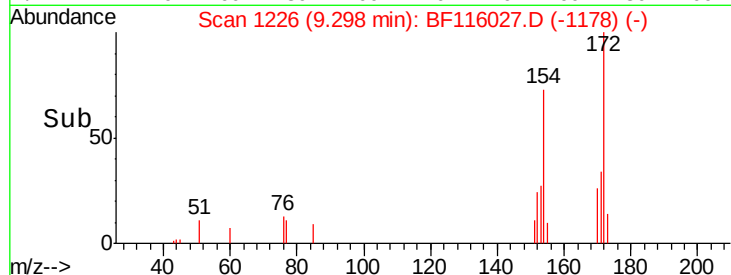
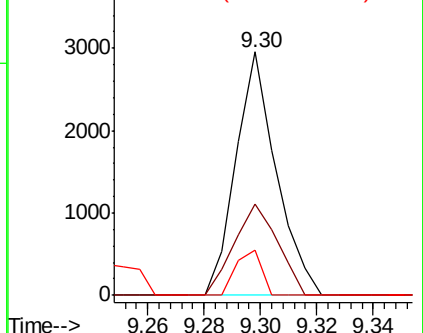
#46
1,1'-Biphenyl
Concen: 0.155 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

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

Tot Ion:154	Resp:	2931
Ion Ratio	Lower	Upper
154	100	
153	37.4	20.9 60.9
76	18.4	0.0 34.3

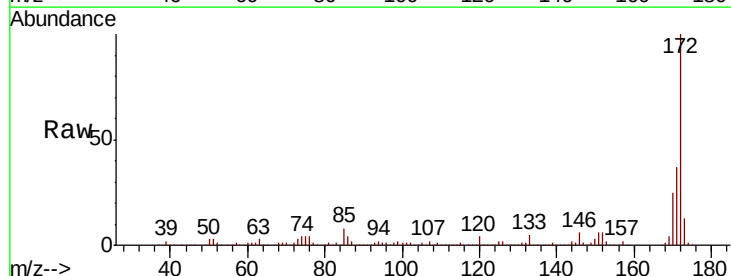


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

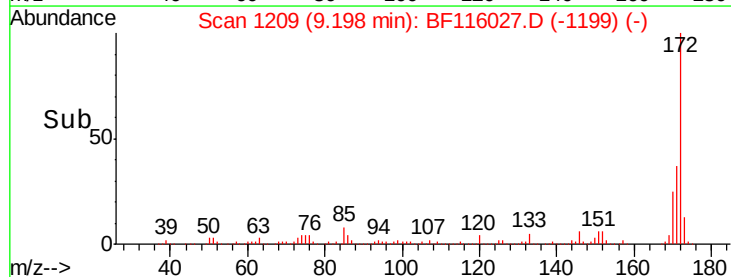
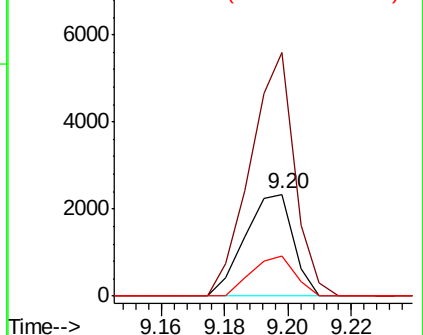


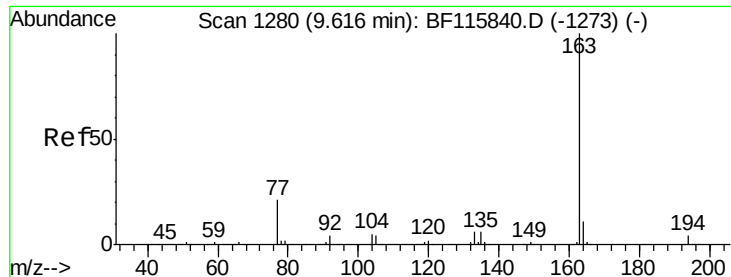
#48
2-Nitroaniline
Concen: 0.476 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.24 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion: 65	Resp:	2470
Ion Ratio	Lower	Upper
65	100	
92	238.4	57.1 85.7#
138	39.4	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





#50

Dimethylphthalate

Concen: 0.227 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

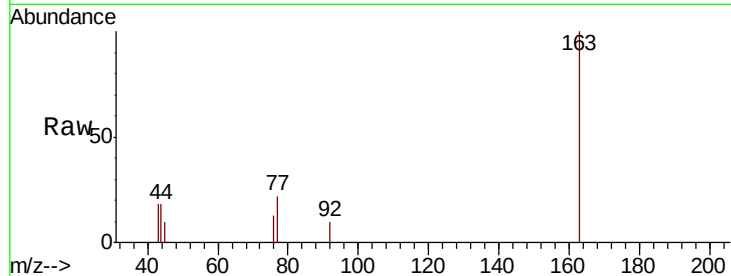
Tot Ion:163 Resp: 4128

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

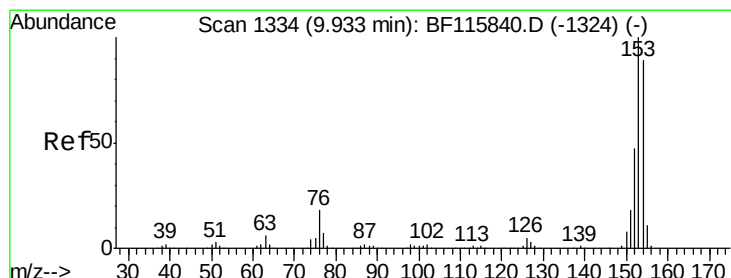
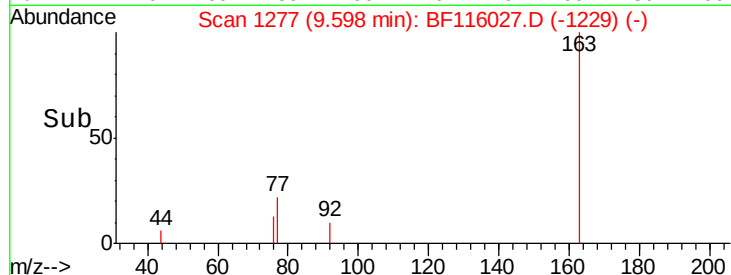
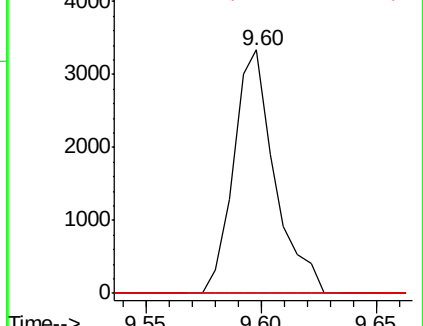
164 0.0 8.4 12.6#



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: 0.027 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.03 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

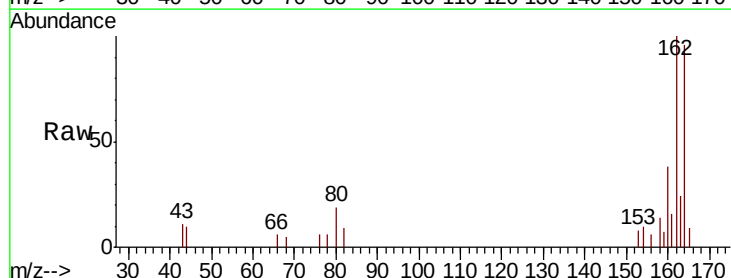
Tgt Ion:154 Resp: 385

Ion Ratio Lower Upper

154 100

153 82.4 90.1 135.1#

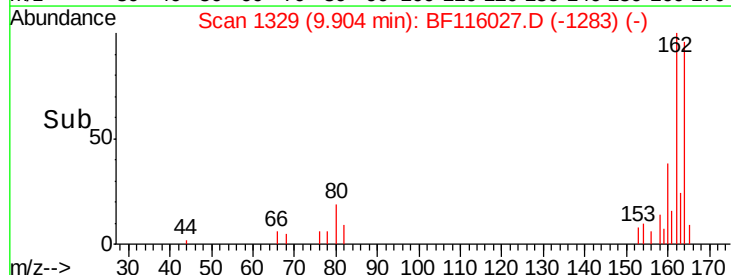
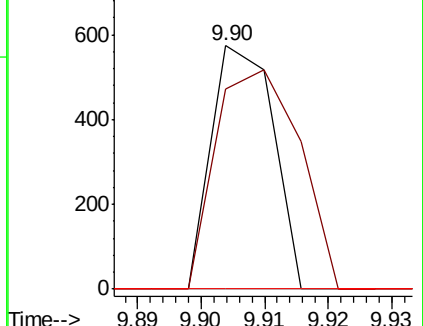
152 0.0 42.6 63.8#

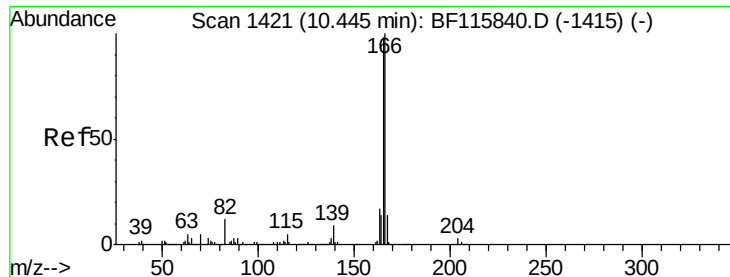


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#58

Fluorene

Concen: 0.932 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.22 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

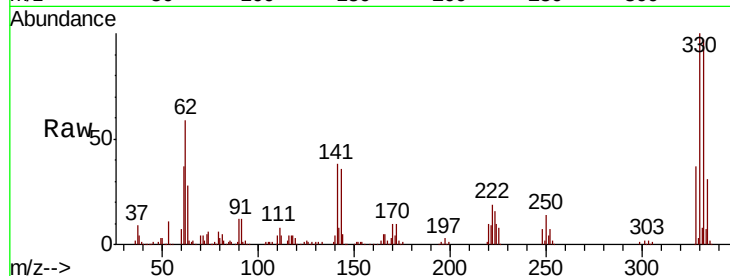
Tot Ion:166 Resp: 14645

Ion Ratio Lower Upper

166 100

165 101.3 78.6 118.0

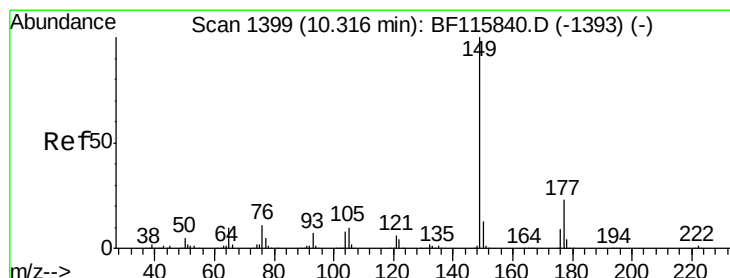
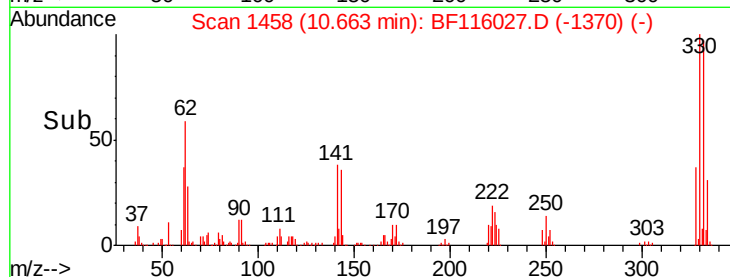
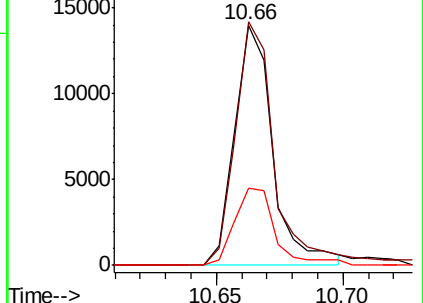
167 32.2 10.9 16.3#



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: 0.063 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

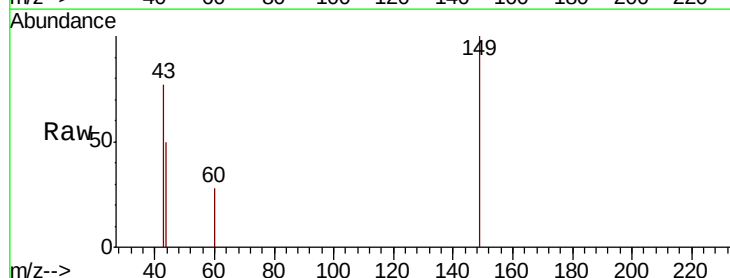
Tgt Ion:149 Resp: 1075

Ion Ratio Lower Upper

149 100

177 0.0 18.4 27.6#

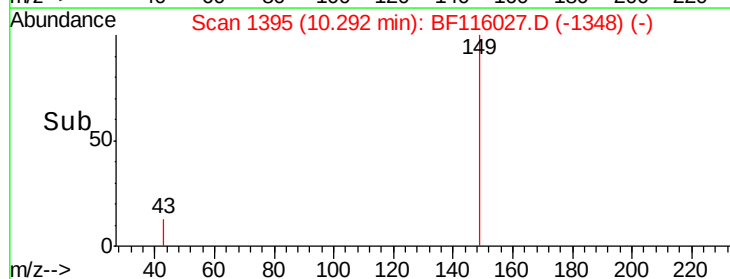
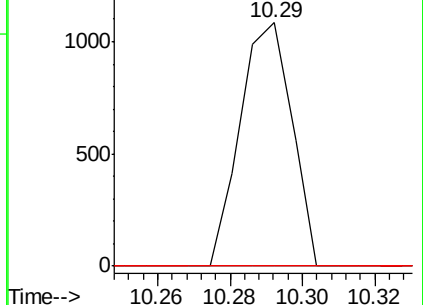
150 0.0 10.1 15.1#

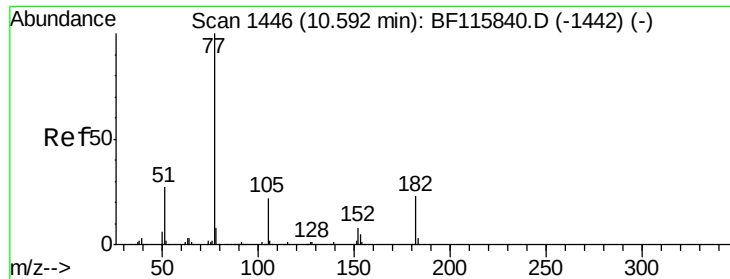


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

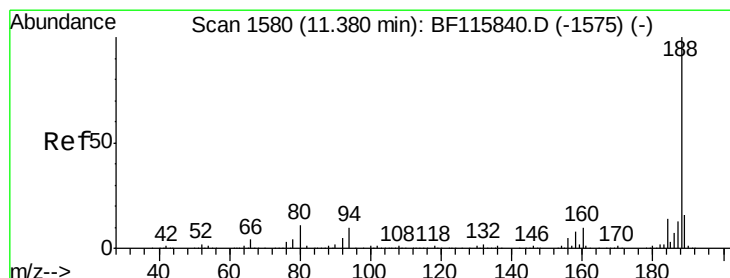
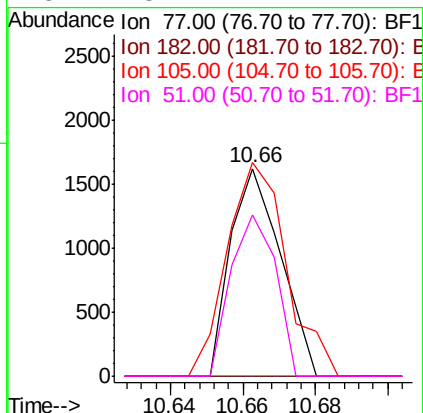
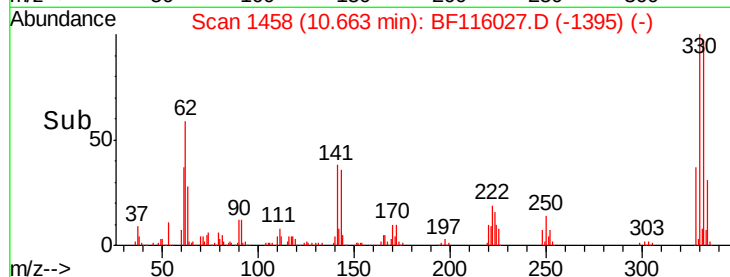
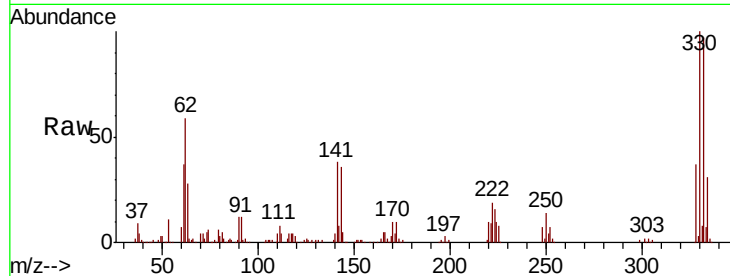




#63
Azobenzene
Concen: 0.089 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

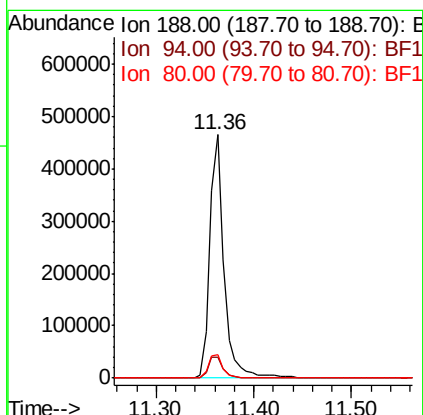
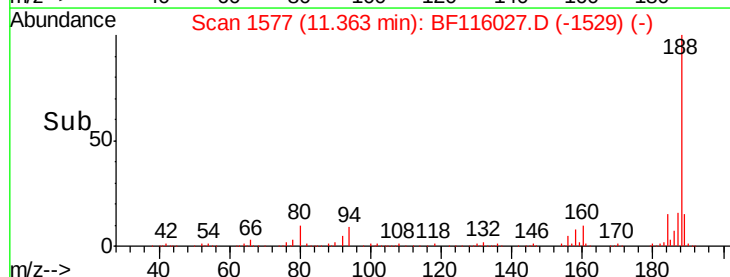
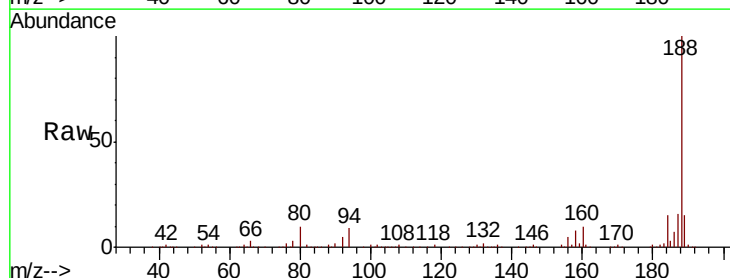
Instrument :
BNA_F
ClientSampleId :
1S-M-(0-30)-COMP

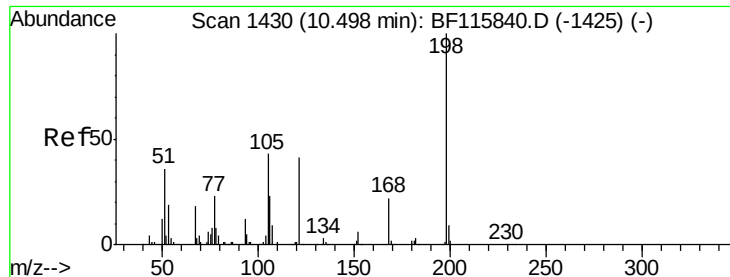
Tot Ion: 77 Resp: 1556
Ion Ratio Lower Upper
77 100
182 0.0 2.6 42.6#
105 103.0 1.6 41.6#
51 78.1 7.4 47.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion: 188 Resp: 469817
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.8 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 0.263 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.17 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

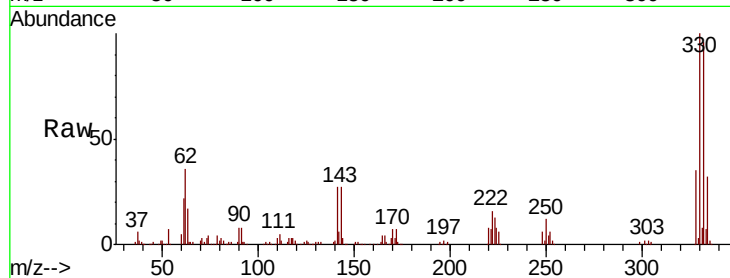
Tot Ion:198 Resp: 655

Ion Ratio Lower Upper

198 100

51 121.8 21.1 61.1#

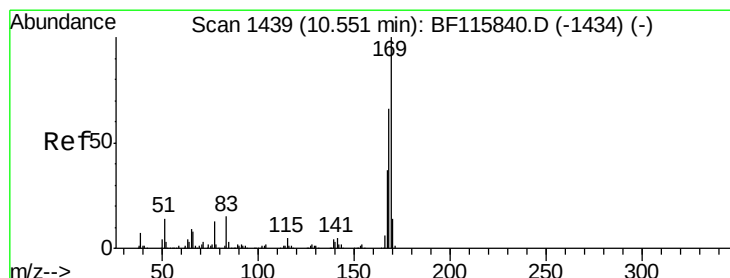
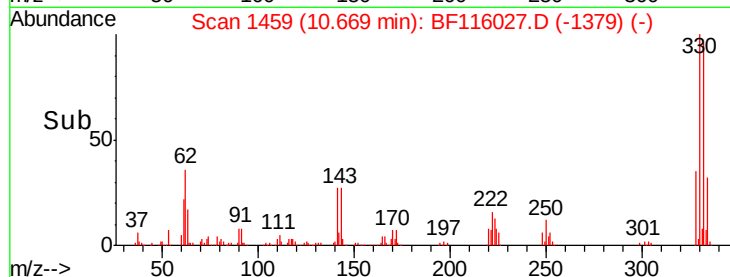
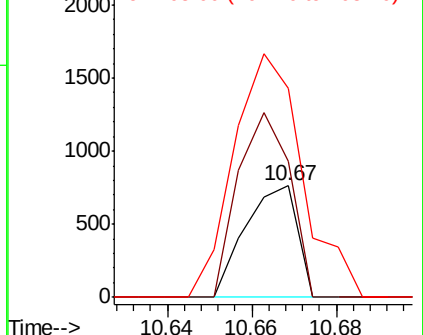
105 187.4 24.5 64.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.731 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.11 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

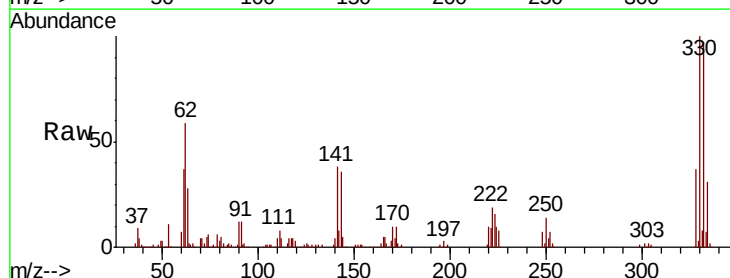
Tgt Ion:169 Resp: 10335

Ion Ratio Lower Upper

169 100

168 8.2 53.0 79.6#

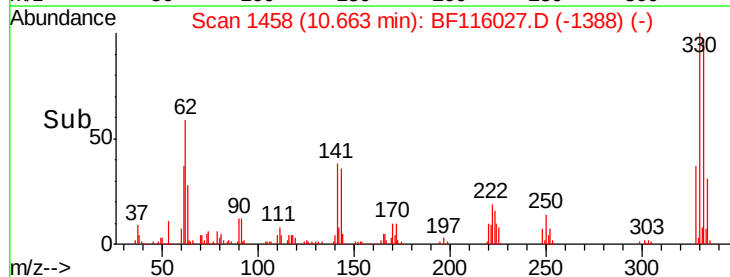
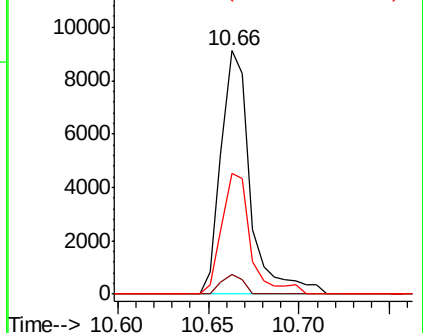
167 49.5 29.9 44.9#

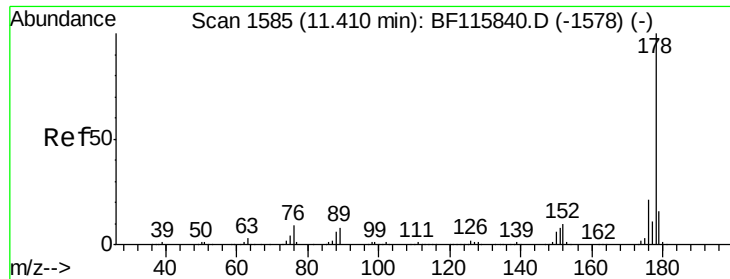


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

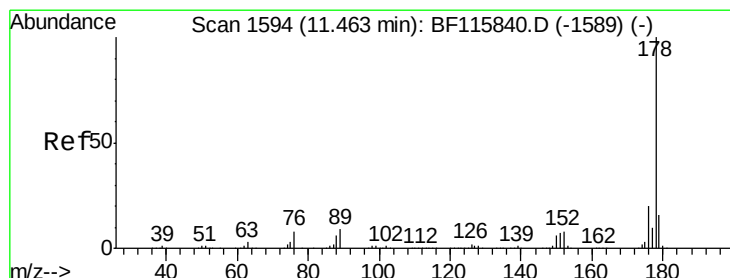
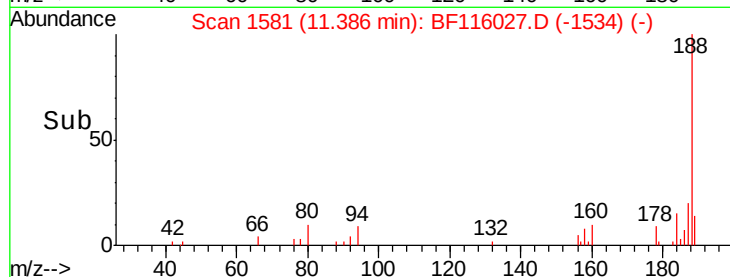
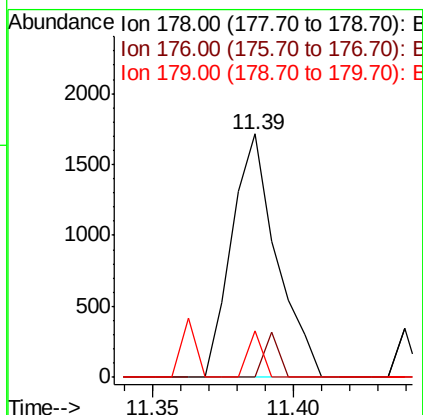
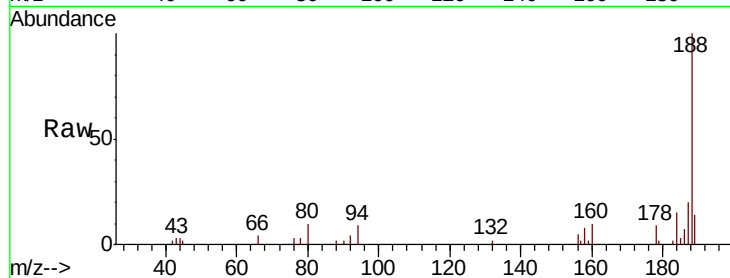




#71
Phenanthrene
Concen: 0.079 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

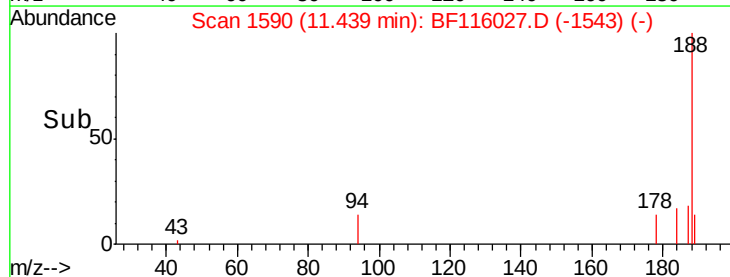
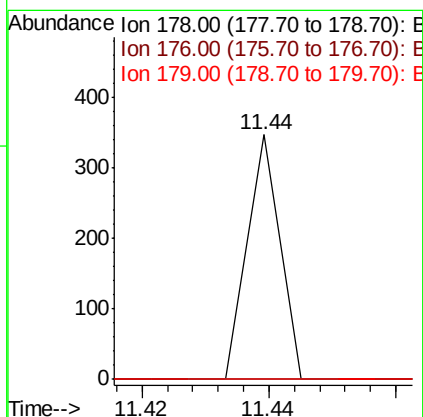
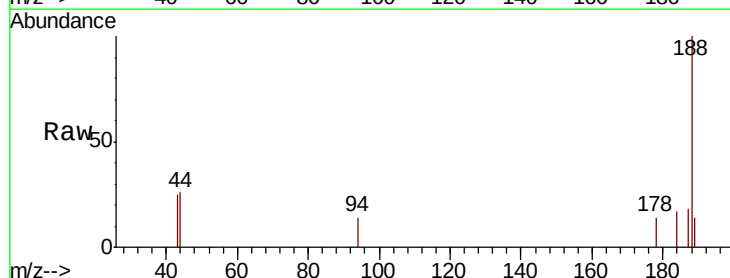
Instrument :
BNA_F
ClientSampleId :
1S-M-(0-30)-COMP

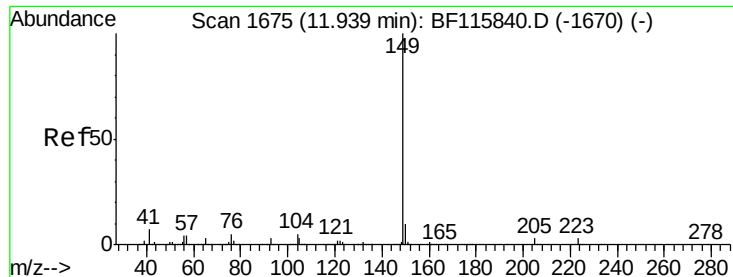
Tot Ion:178 Resp: 1890
Ion Ratio Lower Upper
178 100
176 0.0 16.5 24.7#
179 19.2 12.6 18.8#



#72
Anthracene
Concen: 0.005 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.02 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion:178 Resp: 122
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 0.0 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 0.180 ng

RT: 11.92 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

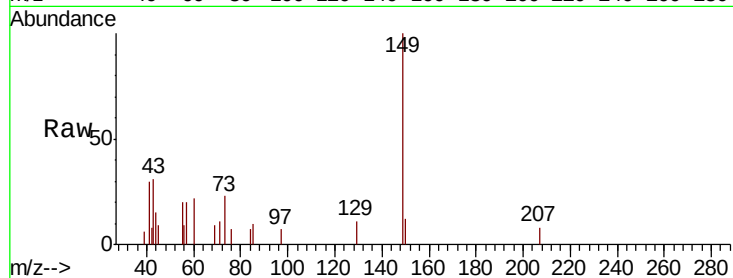
Tot Ion:149 Resp: 4623

Ion Ratio Lower Upper

149 100

150 11.7 7.7 11.5#

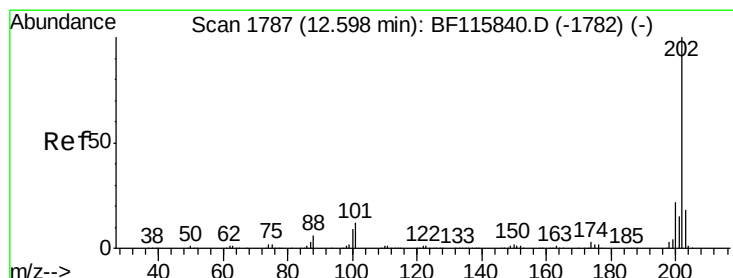
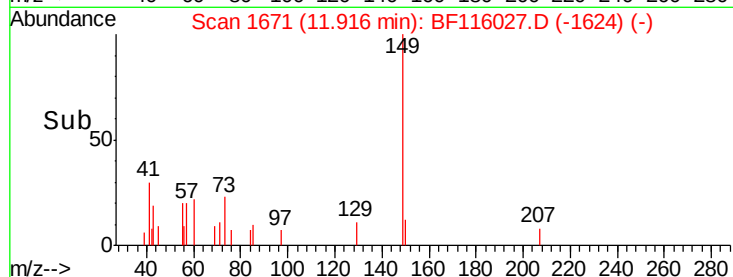
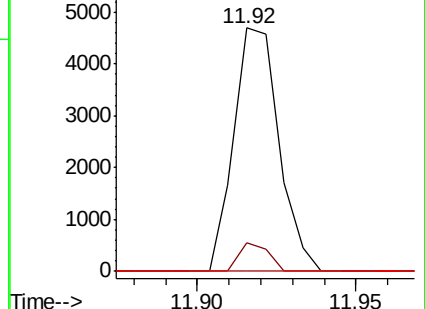
104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 0.014 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

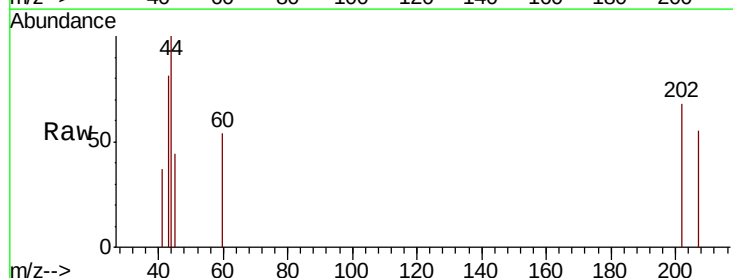
Tgt Ion:202 Resp: 357

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

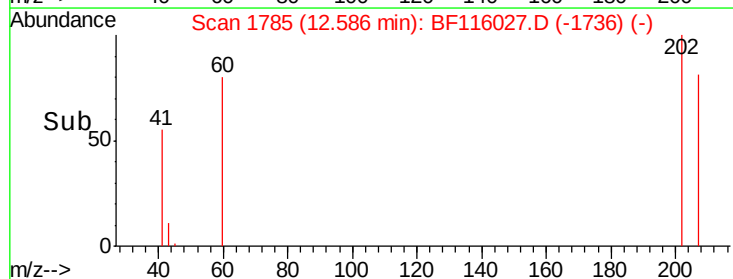
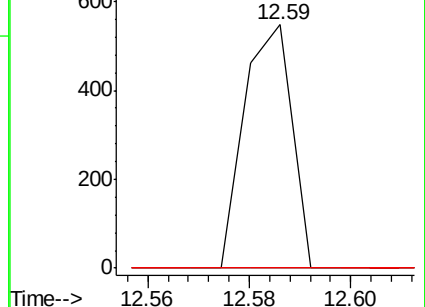
203 0.0 0.0 37.9

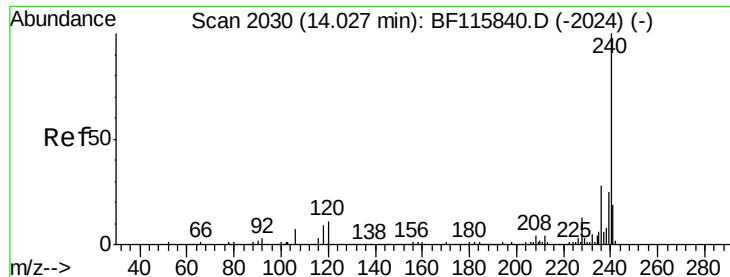


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

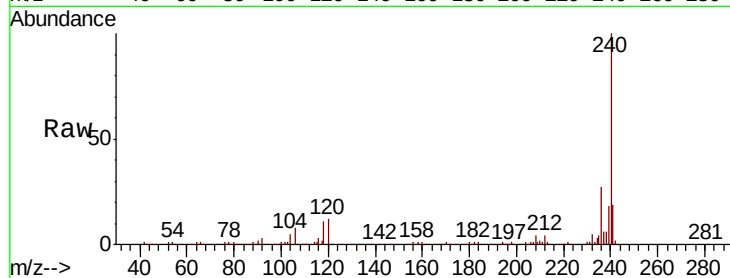




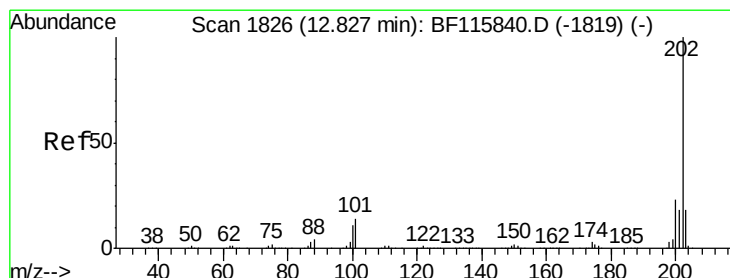
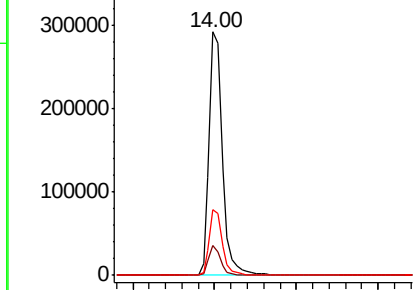
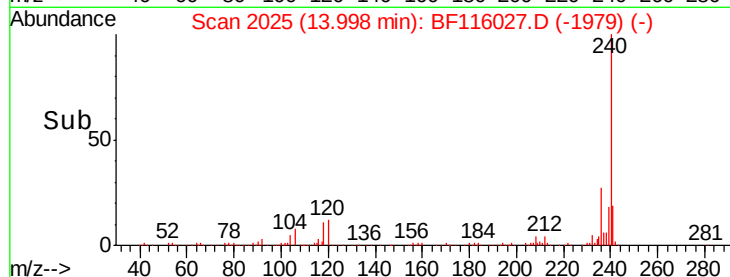
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

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

Tot Ion:240 Resp: 329699
Ion Ratio Lower Upper
240 100
120 12.1 8.5 12.7
236 26.8 22.2 33.2

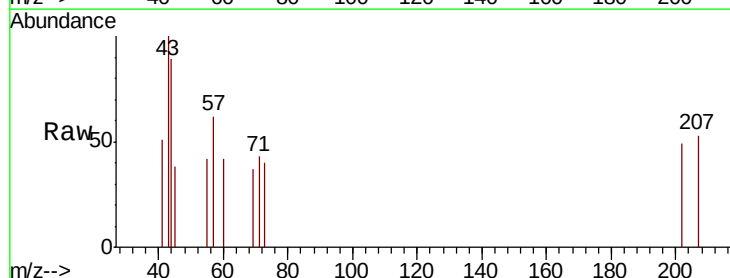


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

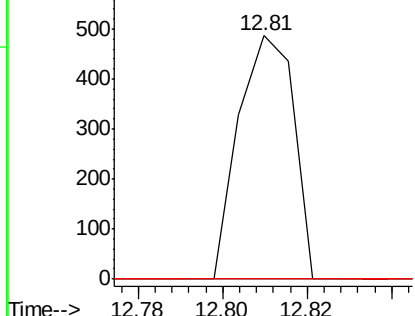
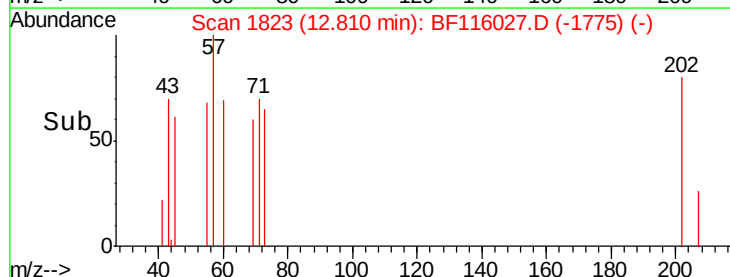


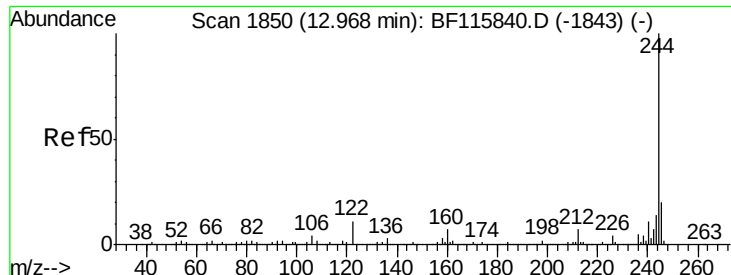
#78
Pyrene
Concen: 0.018 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116027.D
Acq: 6 Aug 2019 21:35

Tgt Ion:202 Resp: 442
Ion Ratio Lower Upper
202 100
200 0.0 18.2 27.2#
203 0.0 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: 103.038 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

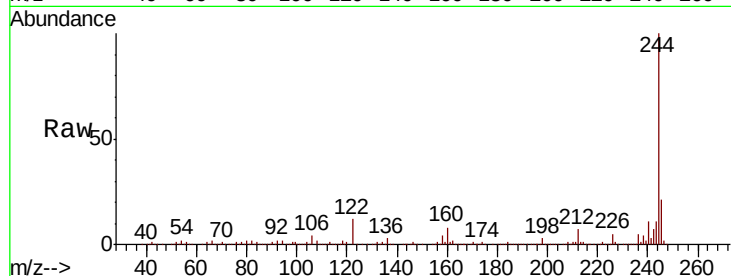
Tot Ion:244 Resp: 1612184

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

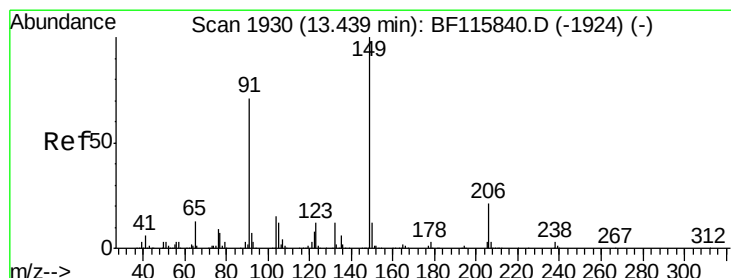
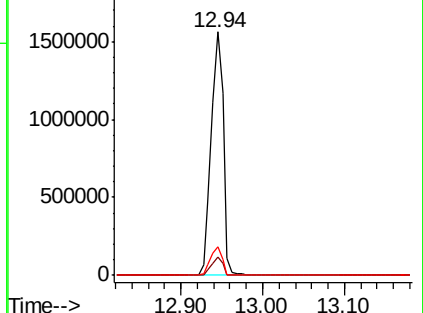
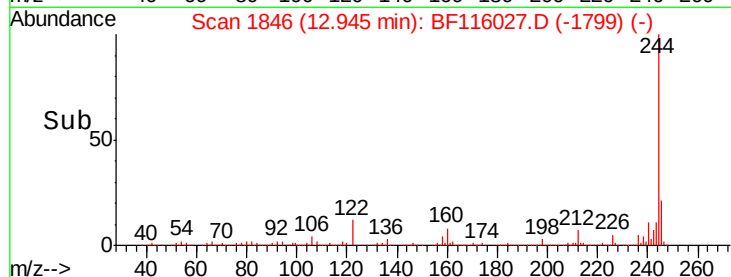
122 11.7 8.6 13.0



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: 0.010 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

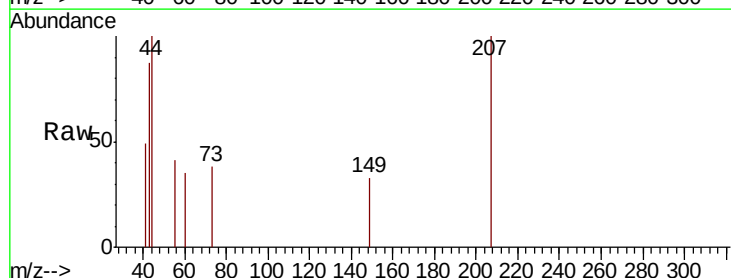
Tgt Ion:149 Resp: 110

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.6#

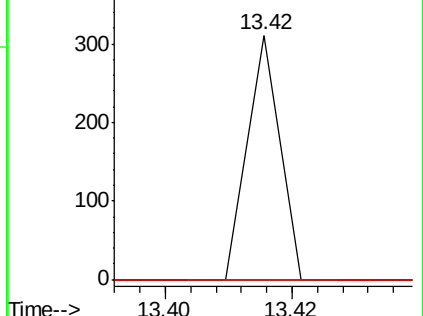
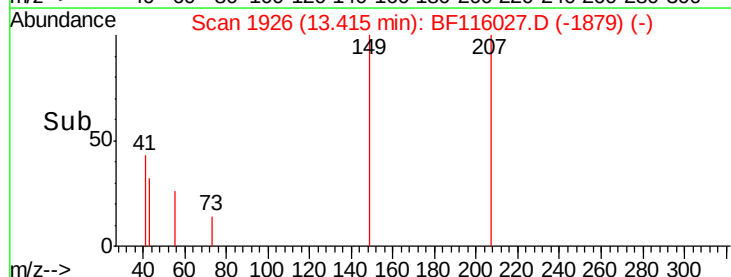
206 0.0 16.9 25.3#

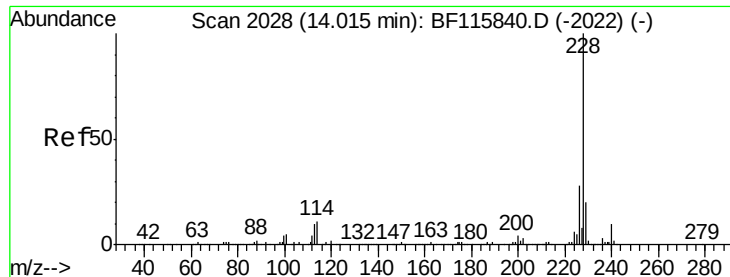


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.039 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

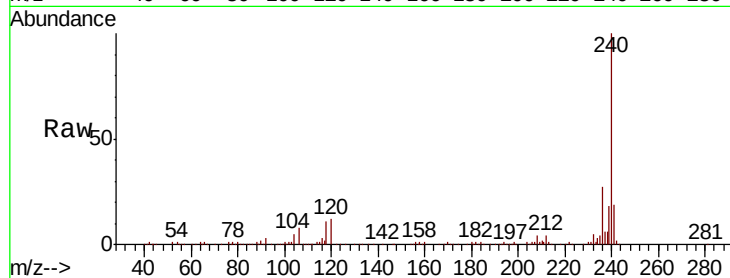
Tot Ion:228 Resp: 821

Ion Ratio Lower Upper

228 100

226 0.0 22.5 33.7#

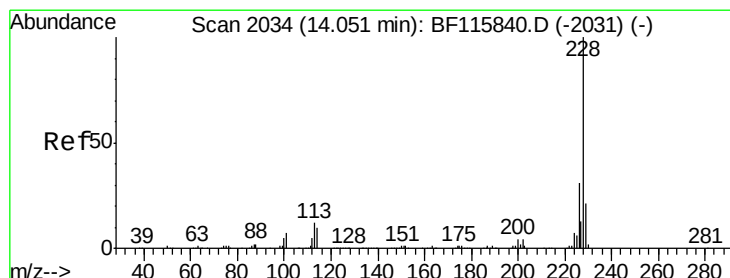
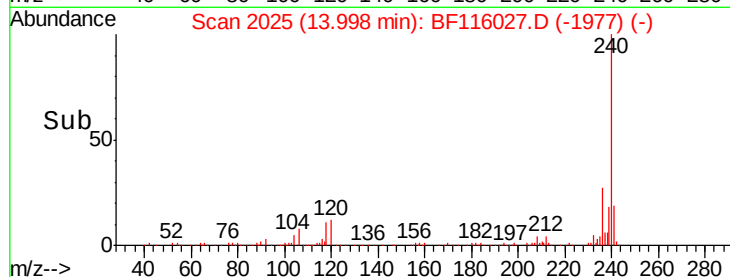
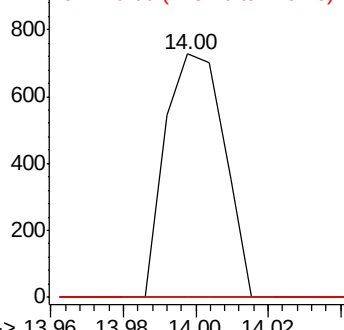
229 0.0 16.1 24.1#



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: 0.040 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.05 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

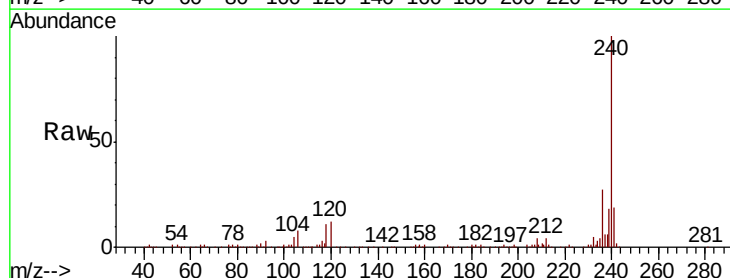
Tgt Ion:228 Resp: 821

Ion Ratio Lower Upper

228 100

226 0.0 24.8 37.2#

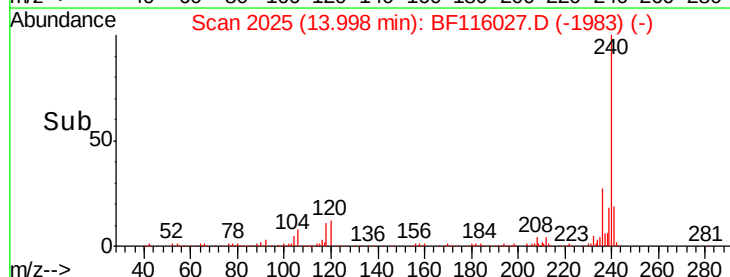
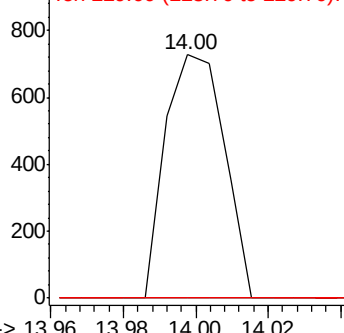
229 0.0 16.4 24.6#

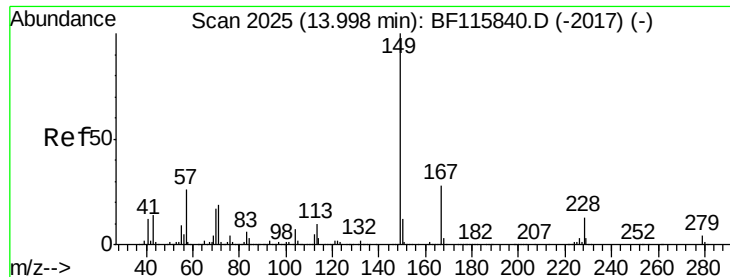


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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

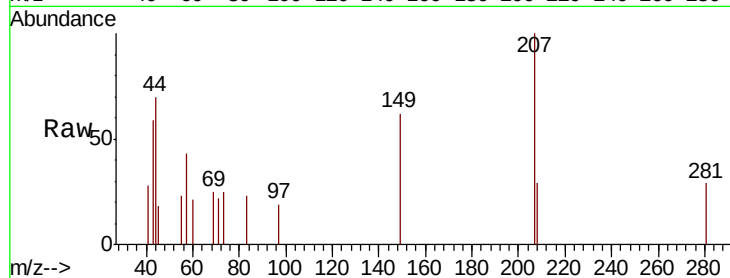
Tot Ion:149 Resp: 982

Ion Ratio Lower Upper

149 100

167 0.0 22.4 33.6#

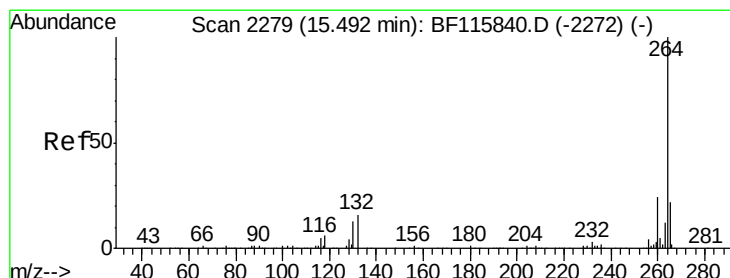
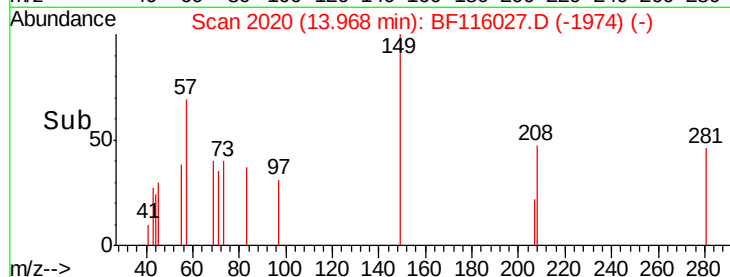
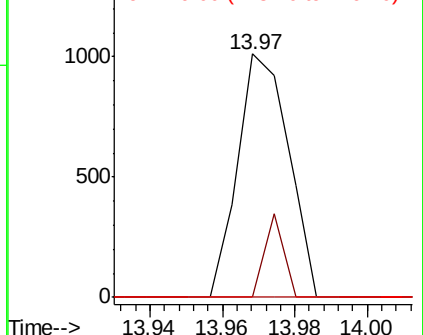
279 0.0 3.3 4.9#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF116027.D

Acq: 6 Aug 2019 21:35

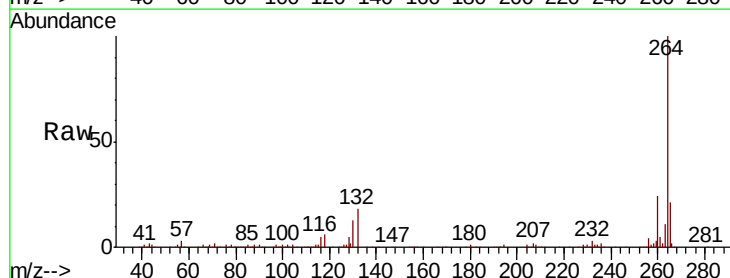
Tgt Ion:264 Resp: 369283

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

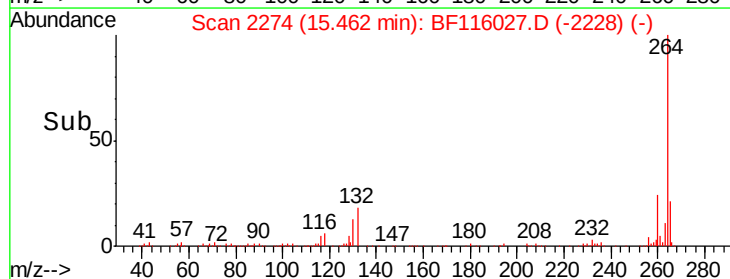
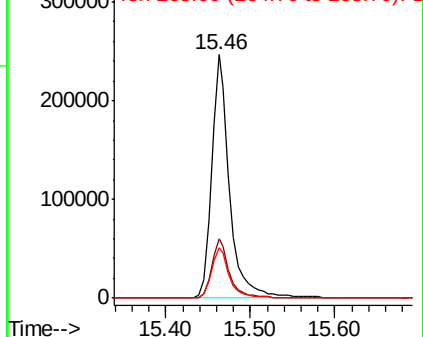
265 20.7 17.5 26.3

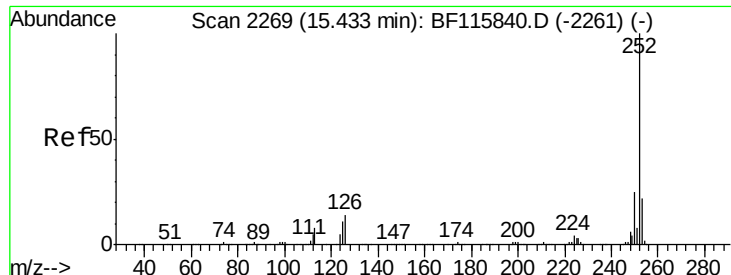


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#90

Benzo(a)pyrene

Concen: 0.048 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.04 min

Lab File: BF116027.D

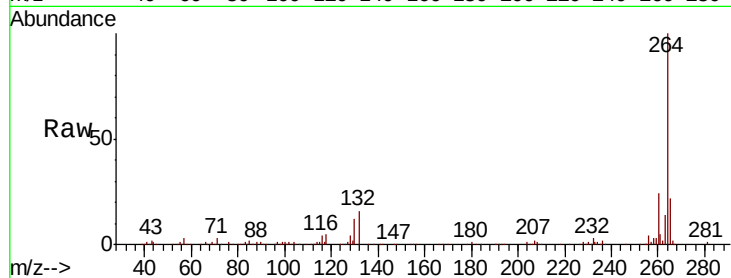
Acq: 6 Aug 2019 21:35

Instrument :

BNA_F

ClientSampleId :

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



Tot Ion:	252	Resp:	912
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	43.9	8.8	13.2#

